REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1688	40.7481	117.1614	-222.4	453	QYA	0	0	0	0	68	60.4	2024	42	107	141	2.548	0.759	0.298	13.2	20.00
1689	40.7481	117.1608	-223.3	449	QYA	0	0	0	0	61	60.3	2035	40	44	147	1.100	0.299	0.272	13.1	20.00
1690	40.7481	117.1602	-224.5	445	QOA1	0	0	0	0	66	60.1	2011	40	91	172	2.275	0.529	0.233	13.1	20.00
1691	40.7481	117.1596	-225.0	462	QOA1	0	0	1	0	64	60.7	2005	73	-20	160	-0.274	-0.125	0.456	13.0	20.00
1692	40.7481	117.1589	-224.1	468	QOA1	0	0	0	0	70	60.9	2153	50	96	146	1.920	0.658	0.342	13.0	20.00
1693	40.7481	117.1583	-224.5	465	QOA1	0	0	0	0	61	60.8	2069	43	66	176	1.535	0.375	0.244	12.9	20.00
1694	40.7481	117.1577	-225.2	448	QOA1	0	0	0	0	66	60.2	2038	43	105	130	2.442	0.808	0.331	12.7	20.00
1695	40.7481	117.1570	-224.6	429	QOA1	0	0	0	0	61	59.6	1992	49	81	133	1.653	0.609	0.368	12.7	20.00
1696	40.7481	117.1564	-225.0	419	QOA1	0	0	0	0	68	59.3	2025	61	71	136	1.164	0.522	0.449	12.9	20.00
1697	40.7481	117.1558	-225.8	401	QOA1	0	0	0	0	74	58.7	2051	50	56	160	1.120	0.350	0.313	12.9	20.00
1698	40.7481	117.1552	-225.8	388	QOA1	0	0	0	0	67	58.2	1967	45	56	167	1.244	0.335	0.269	13.0	20.00
1699	40.7481	117.1545	-226.2	382	QOA1	0	0	0	0	64	58.0	2117	53	134	135	2.528	0.993	0.393	13.2	20.00
1700	40.7481	117.1539	-226.1	380	QOA1	0	0	0	0	68	57.9	2083	43	101	139	2.349	0.727	0.309	13.5	20.00
1701	40.7481	117.1533	-225.7	387	QOA1	0	0	0	0	66	62.1	2182	54	54	167	1.000	0.323	0.323	13.8	20.00
1702	40.7481	117.1527	-226.0	396	QOA1	0	0	0	0	67	62.4	2129	43	115	151	2.674	0.762	0.285	14.0	20.00
1703	40.7481	117.1520	-226.2	393	QOA1	0	0	0	0	63	62.3	2165	49	120	145	2.449	0.828	0.338	14.2	20.00
1704	40.7481	117.1514	-227.1	388	QOA1	0	0	0	0	59	62.1	2080	45	89	159	1.978	0.560	0.283	14.4	20.00
1705	40.7481	117.1508	-227.4	374	QOA1	0	0	0	0	59	61.6	2071	42	82	191	1.952	0.429	0.220	14.7	20.00
1706	40.7481	117.1502	-227.1	360	QOA1	0	0	0	0	56	61.1	2041	40	93	174	2.325	0.534	0.230	15.0	20.00
1707	40.7481	117.1495	-228.3	354	QOA1	0	0	0	0	50	60.8	2227	52	60	170	1.154	0.353	0.306	15.2	20.00
1708	40.7481	117.1489	-229.7	358	QOA1	0	0	0	0	70	61.0	2056	40	139	115	3.475	1.209	0.348	15.3	20.00
1709	40.7481	117.1483	-229.7	366	QOA1	0	0	0	0	69	61.3	2522	46	79	183	1.717	0.432	0.251	15.5	20.00
1710	40.7481	117.1477	-228.8	380	QOA1	0	0	1	0	67	61.8	2141	67	-19	196	-0.284	-0.097	0.342	15.8	20.00
1711	40.7481	117.1470	-229.7	375	QOA1	0	0	0	0	69	61.6	2217	60	75	165	1.250	0.455	0.364	16.0	20.00
1712	40.7481	117.1464	-230.6	375	QOA1	0	0	0	0	70	61.6	2093	49	113	164	2.306	0.689	0.299	16.2	20.00
1713	40.7481	117.1458	-231.5	375	QOA1	0	0	0	0	60	61.6	2158	46	89	175	1.935	0.509	0.263	16.3	20.00
1714	40.7481	117.1452	-231.4	371	QOA1	0	0	0	0	70	61.5	2272	65	37	216	0.569	0.171	0.301	16.5	20.00
1715	40.7481	117.1445	-231.7	376	QOA1	0	0	0	0	66	61.7	2137	44	78	151	1.773	0.517	0.291	16.8	20.00
1716	40.7481	117.1439	-232.1	382	QOA1	0	0	0	0	66	61.9	2080	44	69	198	1.568	0.348	0.222	17.1	20.00
1717	40.7481	117.1433	-232.6	369	QOA1	0	0	0	0	58	61.4	2101	50	95	143	1.900	0.664	0.350	17.1	20.00
1718	40.7481	117.1427	-232.2	364	QOA1	0	0	0	0	65	61.2	2186	44	88	155	2.000	0.568	0.284	17.2	20.00
1719	40.7481	117.1420	-232.4	362	QOA1	0	0	0	0	70	61.2	2215	51	173	103	3.392	1.680	0.495	17.2	20.00
1720	40.7481	117.1414	-233.2	375	QOA1	0	0	0	0	70	61.9	2009	32	76	174	2.375	0.437	0.184	17.3	20.00
1721	40.7481	117.1408	-233.4	368	QOA1	0	0	0	0	59	61.6	2079	50	104	157	2.080	0.662	0.318	17.4	20.00
1722	40.7481	117.1402	-234.3	364	QOA1	0	0	0	0	62	61.5	2109	59	54	140	0.915	0.386	0.421	17.5	20.00
1723	40.7481	117.1395	-233.9	367	QOA1	0	0	0	0	66	61.6	2217	47	39	196	0.830	0.199	0.240	17.7	20.00
1724	40.7481	117.1389	-234.1	364	QOA1	0	0	0	0	67	61.5	2315	39	104	143	2.667	0.727	0.273	17.9	20.00
1725	40.7481	117.1383	-234.4	364	QOA1	0	0	0	0	63	61.5	1982	47	103	133	2.191	0.774	0.353	18.2	20.00
1726	40.7481	117.1376	-234.8	365	QOA1	0	0	0	0	75	61.5	2056	41	72	172	1.756	0.419	0.238	18.5	20.00
1727	40.7481	117.1370	-234.5	367	QOA1	0	0	0	0	63	61.6	2152	56	54	161	0.964	0.335	0.348	18.8	20.00
1728	40.7481	117.1364	-234.3	369	QOA1	0	0	0	0	74	61.7	2054	31	117	127	3.774	0.921	0.244	18.9	20.00
1729	40.7481	117.1358	-234.7	369	QOA1	0	0	0	0	57	61.7	2325	35	82	174	2.343	0.471	0.201	19.1	20.00
1730	40.7481	117.1351	-233.8	373	QOA1	0	0	0	0	66	61.8	2167	56	83	167	1.660	0.497	0.299	19.4	20.00
1731	40.7481	117.1345	-233.8	385	QOA1	0	0	0	0	63	62.3	2232	53	42	186	0.792	0.226	0.285	19.8	20.00
1732	40.7481	117.1339	-233.3	408	QOA1	0	0	0	0	73	63.1	2140	42	78	149	1.857	0.523	0.282	20.0	20.00
1733	40.7481	117.1333	-232.6	423	QOA1	0	0	1	0	66	63.7	2054	64	23	179	0.359	0.128	0.358	20.2	20.00
1734	40.7481	117.1327	-232.2	423	QOA1	0	0	0	0	65	63.7	2017	35	43	199	1.229	0.216	0.176	20.5	20.00
1735	40.7481	117.1321	-233.4	415	QOA1	0	0	0	0	68	63.4	2112	53	48	182	0.906	0.264	0.291	20.7	20.00
1736	40.7481	117.1315	-233.0	421	QOA1	0	0	0	0	65	63.6	1997	36	67	171	1.861	0.392	0.211	20.8	20.00
1737	40.7481	117.1309	-232.0	428	QOA1	0	0	0	0	62	63.9	2047	50	37	193	0.740	0.192	0.259	20.9	20.00
1738	40.7481	117.1303	-231.5	422	QOA1	0	0	0	0	66	63.6	2114	40	102	180	2.550	0.567	0.222	20.9	20.00
1739	40.7481	117.1297	-231.9	420	QOA1	0	0	0	0	71	59.7	2037	53	29	164	0.547	0.177	0.323	21.1	20.00
1740	40.7481	117.1291	-230.6	434	QOA1	0	0	0	0	69	60.2	2012	41	115	133	2.805	0.865	0.308	21.4	20.00
1741	40.7481	117.1285	-231.0	430	QOA1	0	0	0	0	62	60.1	2134	48	92	149	1.917	0.617	0.322	21.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1742	40.7481	117.1279	-231.0	424	QOA1	0	0	0	0	70	59.9	1987	39	57	179	1.462	0.318	0.218	21.9	20.00
1743	40.7481	117.1273	-232.3	424	QOA1	0	0	0	0	60	59.9	1990	54	71	125	1.315	0.568	0.432	22.1	20.00
1744	40.7481	117.1267	-233.0	416	QOA1	0	0	1	0	67	59.6	1997	79	-9	139	-0.114	-0.065	0.568	22.2	20.00
1745	40.7481	117.1261	-233.1	419	QOA1	0	0	0	0	64	59.7	2065	46	137	125	2.978	1.096	0.368	22.5	20.00
1746	40.7481	117.1255	-234.0	424	QOA1	0	0	0	0	61	59.9	2023	52	72	158	1.385	0.456	0.329	22.6	20.00
1747	40.7481	117.1249	-236.4	424	QOA1	0	0	0	0	64	59.9	2214	51	36	166	0.706	0.217	0.307	22.6	20.00
1748	40.7481	117.1243	-237.0	426	QOA1	0	0	0	0	68	59.9	1940	41	80	133	1.951	0.602	0.308	22.6	20.00
1749	40.7481	117.1237	-238.1	426	QOA1	0	0	0	0	67	59.9	1956	50	52	127	1.040	0.409	0.394	22.7	20.00
1750	40.7481	117.1231	-239.0	432	QOA1	0	0	0	0	64	60.2	2063	52	96	113	1.846	0.850	0.460	22.7	20.00
1751	40.7481	117.1225	-239.1	431	QOA1	0	0	0	0	62	60.1	2001	48	31	181	0.646	0.171	0.265	22.7	20.00
1752	40.7481	117.1219	-239.0	426	QOA1	0	0	1	0	63	60.0	1959	52	12	184	0.231	0.065	0.283	22.7	20.00
1753	40.7481	117.1213	-238.9	425	QOA1	0	0	0	0	66	59.9	1919	58	90	101	1.552	0.891	0.574	22.9	20.00
1754	40.7481	117.1207	-239.0	432	QOA1	0	0	0	0	71	60.2	2008	37	53	156	1.432	0.340	0.237	23.0	20.00
1755	40.7481	117.1201	-239.3	443	QOA1	0	0	1	0	66	60.5	2002	63	0	158	0.016	0.006	0.399	23.1	20.00
1756	40.7481	117.1195	-239.8	450	QOA1	0	0	0	0	59	60.7	2012	43	101	128	2.349	0.789	0.336	23.0	20.00
1757	40.7481	117.1189	-240.0	448	QOA1	0	0	0	0	69	60.7	2056	52	60	167	1.154	0.359	0.311	22.9	20.00
1758	40.7481	117.1183	-242.0	437	QOA1	0	0	0	0	62	62.5	1977	50	105	116	2.100	0.905	0.431	23.0	20.00
1759	40.7481	117.1177	-241.6	442	QOA1	0	0	0	0	67	62.7	1921	23	173	74	7.522	2.338	0.311	23.1	20.00
1760	40.7481	117.1171	-242.6	445	QOA1	0	0	0	0	57	62.8	1995	60	38	161	0.633	0.236	0.373	23.2	20.00
1761	40.7481	117.1165	-242.6	440	QOA1	0	0	0	0	62	62.6	2027	40	69	141	1.725	0.489	0.284	23.1	20.00
1762	40.7481	117.1159	-245.3	424	QOA1	0	0	0	0	65	62.0	2031	49	92	130	1.878	0.708	0.377	23.0	20.00
1763	40.7481	117.1153	-243.8	419	QOA1	0	0	1	0	66	61.9	1977	59	23	155	0.390	0.148	0.381	23.0	20.00
1764	40.7481	117.1147	-245.8	425	QOA1	0	0	1	0	53	62.1	2024	57	13	189	0.228	0.069	0.302	22.8	20.00
1765	40.7481	117.1141	-245.8	421	QOA1	0	0	0	0	66	61.9	1994	43	47	152	1.093	0.309	0.283	22.7	20.00
1766	40.7481	117.1135	-245.7	410	QOA1	0	0	0	0	59	61.6	2029	53	71	113	1.340	0.628	0.469	22.8	20.00
1767	40.7481	117.1129	-247.2	402	QOA1	0	0	0	0	58	61.3	2030	53	29	208	0.547	0.139	0.255	22.8	20.00
1768	40.7481	117.1123	-246.7	387	QOA1	0	0	0	0	69	60.8	2087	46	116	129	2.522	0.899	0.357	22.8	20.00
1769	40.7481	117.1117	-246.6	384	QOA1	0	0	0	0	66	60.6	2081	48	69	165	1.438	0.418	0.291	22.9	20.00
1770	40.7481	117.1111	-247.9	386	QOA1	0	0	1	0	75	60.7	1935	64	23	138	0.359	0.167	0.464	22.9	20.00
1771	40.7481	117.1105	-248.1	382	QOA1	0	0	0	0	68	60.5	2084	57	91	129	1.596	0.705	0.442	22.9	20.00
1772	40.7481	117.1099	-249.0	384	QOA1	0	0	0	0	67	60.6	1977	43	106	111	2.465	0.955	0.387	22.9	20.00
1773	40.7481	117.1093	-249.9	383	QOA1	0	0	0	0	70	60.6	1947	54	47	148	0.870	0.318	0.365	22.9	20.00
1774	40.7481	117.1087	-251.2	390	QOA1	0	0	0	0	62	60.8	1964	34	120	136	3.529	0.882	0.250	22.9	20.00
1775	40.7481	117.1081	-252.4	383	QOA1	0	0	0	0	62	60.6	1972	57	69	140	1.211	0.493	0.407	22.9	20.00
1776	40.7481	117.1075	-251.1	371	QOA1	0	0	0	0	63	60.2	1921	53	92	101	1.736	0.911	0.525	22.8	20.00
1777	40.7481	117.1069	-251.7	369	QOA1	0	0	0	0	64	62.9	2021	54	46	167	0.852	0.275	0.323	22.8	20.00
1778	40.7481	117.1063	-252.1	372	QOA1	0	0	0	0	67	63.1	1990	29	107	173	3.690	0.618	0.168	22.8	20.00
1779	40.7481	117.1057	-252.2	372	QOA1	0	0	0	0	65	63.1	1958	40	87	129	2.175	0.674	0.310	22.9	20.00
1780	40.7481	117.1051	-253.2	393	QOA1	0	0	0	0	54	63.9	2081	67	76	140	1.134	0.543	0.479	23.0	20.00
1781	40.7481	117.1045	-253.0	399	QOA1	0	0	0	0	76	64.1	2094	44	46	176	1.045	0.261	0.250	23.0	20.00
1782	40.7481	117.1039	-254.3	413	QOA1	0	0	0	0	65	64.6	2055	46	93	141	2.022	0.660	0.326	23.1	20.00
1783	40.7481	117.1033	-255.1	426	QOA1	0	0	0	0	62	65.1	2070	54	36	150	0.667	0.240	0.360	23.0	20.00
1784	40.7481	117.1027	-255.6	442	QOA1	0	0	0	0	62	65.7	2049	62	56	124	0.903	0.452	0.500	23.1	20.00
1785	40.7481	117.1021	-255.9	450	QOA1	0	0	0	0	58	66.0	2074	58	39	148	0.672	0.264	0.392	23.0	20.00
1786	40.7481	117.1015	-255.2	454	QOA1	0	0	0	0	57	66.1	1991	44	106	99	2.409	1.071	0.444	23.0	20.00
1787	40.7481	117.1009	-255.3	457	QOA1	0	0	0	0	61	66.2	1980	40	81	152	2.025	0.533	0.263	23.0	20.00
1788	40.7481	117.1003	-254.5	455	QOA1	0	0	1	0	65	66.2	1917	57	-30	180	-0.526	-0.167	0.317	23.1	20.00
1789	40.7481	117.0997	-253.1	461	QOA1	0	0	0	0	65	66.4	2216	35	61	148	1.743	0.412	0.236	23.0	20.00
1790	40.7481	117.0991	-250.1	467	QYA	0	0	0	0	66	66.6	2039	49	68	120	1.388	0.567	0.408	23.0	20.00
1791	40.7481	117.0985	-249.1	461	QYA	0	0	0	0	61	66.3	1946	29	138	104	4.759	1.327	0.279	22.9	20.00
1792	40.7481	117.0979	-250.9	465	QYA	0	0	0	0	65	66.5	2066	46	50	184	1.087	0.272	0.250	22.9	20.00
1793	40.7481	117.0973	-249.1	462	QYA	0	0	0	0	67	66.4	2068	60	76	123	1.267	0.618	0.488	22.9	20.00
1794	40.7481	117.0967	-248.5	453	QYA	0	0	0	0	67	66.1	1977	38	97	129	2.553	0.752	0.295	22.7	20.00
1795	40.7481	117.0961	-247.6	457	QYA	0	0	0	0	68	66.2	2092	59	32	154	0.542	0.208	0.383	22.6	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1796	40.7481	117.0955	-247.1	450	QYA	0	0	0	0	58	66.6	1984	64	55	121	0.859	0.455	0.529	22.6	20.00
1797	40.7481	117.0949	-246.8	439	QYA	0	0	1	0	66	66.2	2052	65	-3	159	-0.046	-0.019	0.409	22.6	20.00
1798	40.7481	117.0943	-246.9	446	QYA	0	0	0	0	72	66.5	2034	48	79	135	1.646	0.585	0.356	22.7	20.00
1799	40.7481	117.0937	-246.2	447	QYA	0	0	0	0	63	66.5	2071	45	100	138	2.222	0.725	0.326	22.8	20.00
1800	40.7481	117.0931	-248.2	443	QYA	0	0	0	0	63	66.4	1991	40	77	119	1.925	0.647	0.336	22.7	20.00
1801	40.7481	117.0925	-248.8	435	QYA	0	0	0	0	59	66.1	2046	59	121	110	2.051	1.100	0.536	22.6	20.00
1802	40.7481	117.0919	-249.7	433	QYA	0	0	0	0	58	66.0	2049	58	171	51	2.948	3.353	1.137	22.7	20.00
1803	40.7481	117.0913	-251.6	438	QYA	0	0	0	0	65	66.2	2067	54	41	160	0.759	0.256	0.337	22.8	20.00
1804	40.7481	117.0907	-252.8	429	QYA	0	0	0	0	64	65.8	2032	64	39	138	0.609	0.283	0.464	22.8	20.00
1805	40.7481	117.0901	-252.2	425	QYA	0	0	0	0	57	65.7	2091	37	141	119	3.811	1.185	0.311	22.8	20.00
1806	40.7481	117.0895	-253.9	420	QYA	0	0	0	0	69	65.5	2030	58	52	130	0.897	0.400	0.446	23.0	20.00
1807	40.7481	117.0889	-254.2	425	QYA	0	0	0	0	63	65.7	2105	52	91	144	1.750	0.632	0.361	23.2	20.00
1808	40.7481	117.0883	-253.5	436	QYA	0	0	1	0	66	66.1	1995	53	4	181	0.075	0.022	0.293	23.2	20.00
1809	40.7481	117.0877	-255.6	437	QOA1	0	0	0	0	62	66.2	2121	57	98	133	1.719	0.737	0.429	23.0	20.00
1810	40.7481	117.0871	-256.7	443	QOA1	0	0	0	0	63	66.4	2088	65	47	133	0.723	0.353	0.489	23.0	20.00
1811	40.7481	117.0865	-258.3	442	QOA1	0	0	0	0	57	66.3	2130	58	62	161	1.069	0.385	0.360	23.1	20.00
1812	40.7481	117.0859	-259.8	436	QOA1	0	0	0	0	59	66.1	2054	55	60	137	1.091	0.438	0.401	23.1	20.00
1813	40.7481	117.0853	-262.1	438	QOA1	0	0	0	0	70	66.2	2100	54	86	136	1.593	0.632	0.397	23.1	20.00
1814	40.7481	117.0847	-263.2	448	QOA1	0	0	0	0	60	66.5	2024	53	31	146	0.585	0.212	0.363	23.0	20.00
1815	40.7481	117.0841	-263.8	451	QOA1	0	0	0	0	63	60.3	2130	47	59	180	1.255	0.328	0.261	23.1	20.00
1816	40.7481	117.0835	-263.3	466	QOA1	0	0	0	0	60	60.8	2067	50	84	132	1.680	0.636	0.379	23.2	20.00
1817	40.7481	117.0829	-262.2	467	QOA1	0	0	1	0	65	60.9	2066	47	24	196	0.511	0.122	0.240	23.0	20.00
1818	40.7481	117.0823	-261.2	454	QOA1	0	0	0	0	63	60.4	2225	69	51	162	0.739	0.315	0.426	22.7	20.00
1819	40.7481	117.0817	-258.7	438	QOA1	0	0	0	0	60	59.9	2283	51	80	101	1.569	0.792	0.505	22.4	20.00
1820	40.7481	117.0811	-257.0	450	QOA1	0	0	0	0	58	60.3	2139	54	81	155	1.500	0.523	0.348	22.2	20.00
1821	40.7481	117.0805	-253.5	461	QOA1	0	0	0	0	68	60.7	2226	53	89	158	1.679	0.563	0.335	22.0	20.00
1822	40.7481	117.0799	-251.1	464	QOA1	0	0	0	0	62	60.8	2075	41	118	111	2.878	1.063	0.369	21.8	20.00
1823	40.7481	117.0793	-250.5	467	QOA1	0	0	0	0	52	60.9	2201	50	117	140	2.340	0.836	0.357	21.7	20.00
1824	40.7481	117.0787	-250.4	465	QOA1	0	0	0	0	60	60.8	2093	52	72	138	1.385	0.522	0.377	21.6	20.00
1825	40.7481	117.0781	-250.6	455	QOA1	0	0	0	0	58	60.5	2132	49	89	125	1.816	0.712	0.392	21.6	20.00
1826	40.7481	117.0775	-249.7	451	QOA1	0	0	0	0	67	60.3	2337	74	48	130	0.649	0.369	0.569	21.5	20.00
1827	40.7481	117.0769	-249.5	461	QOA1	0	0	0	0	66	60.7	2054	48	70	110	1.458	0.636	0.436	21.5	20.00
1828	40.7481	117.0763	-248.4	459	QOA1	0	0	0	0	70	60.6	2239	50	108	92	2.160	1.174	0.543	21.4	20.00
1829	40.7481	117.0757	-249.7	474	QOA1	0	0	0	0	57	61.1	2064	62	97	111	1.565	0.874	0.559	21.4	20.00
1830	40.7481	117.0751	-248.7	487	QOA1	0	0	0	0	69	61.5	2120	41	88	132	2.146	0.667	0.311	21.2	20.00
1831	40.7481	117.0745	-248.9	484	QOA1	0	0	1	0	67	61.4	2596	73	18	188	0.247	0.096	0.388	21.1	20.00
1832	40.7481	117.0739	-248.0	484	QOA1	0	0	0	0	65	61.4	2104	56	80	112	1.429	0.714	0.500	21.1	20.00
1833	40.7481	117.0733	-246.4	487	QOA1	0	0	0	0	59	61.5	2094	51	113	93	2.216	1.215	0.548	20.9	20.00
1834	40.7481	117.0727	-245.6	498	QOA1	0	0	0	0	71	58.9	2069	38	63	157	1.658	0.401	0.242	20.9	20.00
1835	40.7481	117.0721	-244.6	492	QOA1	0	0	0	0	69	58.8	1932	48	45	170	0.938	0.265	0.282	20.8	20.00
1836	40.7481	117.0715	-243.5	483	QOA1	0	0	0	0	71	58.5	2073	43	106	97	2.465	1.093	0.443	20.8	20.00
1837	40.7481	117.0709	-242.8	472	QOA1	0	0	0	0	59	58.2	2068	54	124	119	2.296	1.042	0.454	20.8	20.00
1838	40.7481	117.0703	-243.4	463	QOA1	0	0	0	0	62	57.9	2112	43	99	109	2.302	0.908	0.394	20.8	20.00
1839	40.7481	117.0695	-244.7	449	QOA1	0	0	0	0	63	57.4	2062	49	113	147	2.306	0.769	0.333	20.8	20.00
1840	40.7481	117.0688	-244.2	443	QOA1	0	0	0	0	64	57.3	2019	42	69	131	1.643	0.527	0.321	20.9	20.00
1841	40.7481	117.0680	-244.8	448	QOA1	0	0	0	0	66	57.4	2097	59	94	134	1.593	0.701	0.440	21.0	20.00
1842	40.7481	117.0673	-243.3	448	QOA1	0	0	0	0	58	57.4	2067	63	93	101	1.476	0.921	0.624	20.9	20.00
1843	40.7481	117.0665	-244.5	440	QOA1	0	0	0	0	62	57.2	2031	47	137	93	2.915	1.473	0.505	20.7	20.00
1844	40.7481	117.0658	-243.5	423	QOA1	0	0	0	0	65	56.6	2502	68	86	158	1.265	0.544	0.430	20.6	20.00
1845	40.7481	117.0650	-244.3	420	QOA1	0	0	0	0	59	56.5	1926	44	82	166	1.864	0.494	0.265	20.7	20.00
1846	40.7481	117.0643	-242.4	420	QOA1	0	0	0	0	62	56.5	1992	37	92	151	2.486	0.609	0.245	20.7	20.00
1847	40.7481	117.0635	-244.4	415	QYA	0	0	0	0	68	56.4	1976	52	103	146	1.981	0.705	0.356	20.6	20.00
1848	40.7482	117.0628	-244.3	412	QYA	0	0	0	0	63	56.3	2046	69	93	98	1.348	0.949	0.704	20.5	20.00
1849	40.7482	117.0620	-244.9	397	QYA	0	0	0	0	62	55.8	1957	43	98	158	2.279	0.620	0.272	20.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1850	40.7482	117.0613	-246.7	380	QYA	0	0	0	0	62	55.2	2036	46	124	144	2.696	0.861	0.319	20.3	20.00
1851	40.7482	117.0605	-248.4	377	QYA	0	0	0	0	64	55.1	2248	42	177	115	4.214	1.539	0.365	20.2	20.00
1852	40.7482	117.0598	-249.0	380	QYA	0	0	0	0	53	55.2	2065	27	147	141	5.444	1.043	0.191	20.3	20.00
1853	40.7482	117.0590	-249.1	390	QYA	0	0	0	0	70	60.3	2005	49	100	144	2.041	0.694	0.340	20.3	20.00
1854	40.7482	117.0583	-249.5	394	QYA	0	0	0	0	66	60.4	1970	39	92	125	2.359	0.736	0.312	20.1	20.00
1855	40.7482	117.0575	-250.2	387	QYA	0	0	0	0	61	60.2	1997	56	98	132	1.750	0.742	0.424	20.0	20.00
1856	40.7482	117.0568	-251.9	387	QYA	0	0	1	0	63	60.2	2122	61	17	138	0.279	0.123	0.442	19.8	20.00
1857	40.7482	117.0560	-253.0	390	QYA	0	0	0	0	59	60.2	2231	60	127	111	2.117	1.144	0.541	19.7	20.00
1858	40.7482	117.0553	-254.6	403	QYA	0	0	0	0	62	60.7	2134	56	56	221	1.000	0.253	0.253	19.6	20.00
1859	40.7482	117.0545	-253.2	411	QYA	0	0	0	0	66	61.0	2089	41	184	108	4.488	1.704	0.380	19.5	20.00
1860	40.7483	117.0538	-253.0	419	QYA	0	0	0	0	63	61.3	2184	49	104	144	2.122	0.722	0.340	19.3	20.00
1861	40.7483	117.0530	-250.9	422	QYA	0	0	0	0	62	61.4	2159	44	103	153	2.341	0.673	0.288	19.2	20.00
1862	40.7483	117.0523	-251.9	413	QYA	0	0	0	0	59	61.1	2178	42	121	186	2.881	0.651	0.226	19.1	20.00
1863	40.7483	117.0515	-252.7	396	QYA	0	0	0	0	63	60.5	2237	61	84	171	1.377	0.491	0.357	19.1	20.00
1864	40.7483	117.0508	-252.4	391	QYA	0	0	0	0	71	60.3	2318	51	163	135	3.196	1.207	0.378	19.2	20.00
1865	40.7483	117.0500	-251.9	389	QYA	0	0	0	0	59	60.2	2167	47	174	136	3.702	1.279	0.346	19.2	20.00
1866	40.7483	117.0493	-251.5	387	QYA	0	0	0	0	69	60.1	2101	39	152	170	3.897	0.894	0.229	19.1	20.00
1867	40.7483	117.0485	-250.3	376	QYA	0	0	0	0	61	59.7	2153	54	122	157	2.259	0.777	0.344	19.0	20.00
1868	40.7483	117.0478	-250.3	366	QYA	0	0	0	0	68	59.4	2135	47	121	142	2.574	0.852	0.331	18.9	20.00
1869	40.7483	117.0470	-249.2	363	QYA	0	0	0	0	53	59.3	2113	62	109	133	1.758	0.820	0.466	18.9	20.00
1870	40.7483	117.0463	-248.7	356	QYA	0	0	0	0	67	59.0	1966	38	164	114	4.316	1.439	0.333	18.9	20.00
1871	40.7483	117.0455	-247.5	370	QYA	0	0	0	0	61	59.5	1973	36	165	118	4.583	1.398	0.305	19.0	20.00
1872	40.7483	117.0448	-247.4	368	QYA	0	0	0	0	58	72.1	1975	47	90	132	1.915	0.682	0.356	19.1	20.00
1873	40.7484	117.0440	-247.2	358	QYA	0	0	0	0	59	71.6	2001	43	153	97	3.558	1.577	0.443	19.2	20.00
1874	40.7484	117.0433	-246.6	359	QYA	0	0	0	0	64	71.7	2002	61	72	126	1.180	0.571	0.484	19.2	20.00
1875	40.7484	117.0425	-244.9	372	QYA	0	0	0	0	58	72.3	2028	70	55	132	0.786	0.417	0.530	19.2	20.00
1876	40.7484	117.0418	-245.9	368	QYA	0	0	0	0	68	72.1	2163	52	99	160	1.904	0.619	0.325	19.0	20.00
1877	40.7484	117.0410	-246.5	368	QYA	0	0	0	0	59	72.1	2044	44	39	183	0.886	0.213	0.240	19.0	20.00
1878	40.7484	117.0403	-245.9	372	QYA	0	0	0	0	66	72.3	2051	39	147	116	3.769	1.267	0.336	19.2	20.00
1879	40.7484	117.0395	-246.2	391	QYA	0	0	0	0	62	73.1	2222	67	94	159	1.403	0.591	0.421	19.3	20.00
1880	40.7484	117.0388	-246.0	406	QYA	0	0	0	0	71	73.8	2269	39	132	156	3.385	0.846	0.250	19.5	20.00
1881	40.7484	117.0380	-245.6	407	QYA	0	0	1	0	69	73.8	2280	52	22	230	0.423	0.096	0.226	19.6	20.00
1882	40.7484	117.0373	-245.5	416	QYA	0	0	0	0	61	74.2	2263	66	33	210	0.500	0.157	0.314	19.6	20.00
1883	40.7484	117.0365	-245.7	408	QYA	0	0	0	0	64	73.9	2216	47	76	194	1.617	0.392	0.242	19.6	20.00
1884	40.7484	117.0358	-245.2	405	QYA	0	0	0	0	56	73.7	2209	59	56	204	0.949	0.275	0.289	19.5	20.00
1885	40.7484	117.0350	-244.1	407	QYA	0	0	0	0	53	73.8	2234	42	85	214	2.024	0.397	0.196	19.5	20.00
1886	40.7485	117.0343	-243.0	406	QYA	0	0	0	0	70	73.8	2225	43	102	183	2.372	0.557	0.235	19.5	20.00
1887	40.7485	117.0335	-244.6	409	QYA	0	0	1	0	63	73.9	2271	62	10	237	0.161	0.042	0.262	19.5	20.00
1888	40.7485	117.0328	-245.2	393	QYA	0	0	0	0	62	73.2	2209	52	85	151	1.635	0.563	0.344	19.5	20.00
1889	40.7485	117.0320	-246.1	388	QYA	0	0	0	0	71	73.0	2127	58	79	148	1.362	0.534	0.392	19.5	20.00
1890	40.7485	117.0313	-246.3	394	QYA	0	0	0	0	64	73.3	2288	43	136	164	3.163	0.829	0.262	19.4	20.00
1891	40.7485	117.0305	-246.6	399	QYA	0	0	0	0	64	77.6	2300	53	69	197	1.302	0.350	0.269	19.4	20.00
1892	40.7485	117.0298	-248.6	388	QYA	0	0	0	0	61	77.1	2245	65	83	185	1.277	0.449	0.351	19.4	20.00
1893	40.7485	117.0290	-248.1	385	QYA	0	0	0	0	73	77.0	2348	48	90	212	1.875	0.425	0.226	19.4	20.00
1894	40.7485	117.0283	-247.5	386	QYA	0	0	0	0	68	77.0	2395	38	161	216	4.237	0.745	0.176	19.4	20.00
1895	40.7485	117.0276	-249.5	381	QYA	0	0	0	0	63	76.8	2253	58	54	221	0.931	0.244	0.262	19.4	20.00
1896	40.7485	117.0268	-250.7	376	QYA	0	0	0	0	68	76.6	2349	44	109	221	2.477	0.493	0.199	19.4	20.00
1897	40.7485	117.0261	-251.1	370	QYA	0	0	0	0	64	76.3	2269	47	102	202	2.170	0.505	0.233	19.5	20.00
1898	40.7485	117.0253	-253.0	369	QYA	0	0	0	0	64	76.2	2254	59	104	163	1.763	0.638	0.362	19.6	20.00
1899	40.7486	117.0246	-253.3	361	QYA	0	0	0	0	56	75.9	2247	57	47	203	0.825	0.232	0.281	19.7	20.00
1900	40.7486	117.0238	-254.8	350	QYA	0	0	0	0	56	75.3	2198	51	33	237	0.647	0.139	0.215	19.8	20.00
1901	40.7486	117.0231	-254.5	350	QYA	0	0	0	0	58	75.3	2200	55	96	178	1.745	0.539	0.309	19.9	20.00
1902	40.7486	117.0223	-256.1	355	QYA	0	0	0	0	59	75.6	2206	49	51	215	1.041	0.237	0.228	20.1	20.00
1903	40.7486	117.0216	-256.7	359	QA1	0	0	0	0	54	75.7	2188	48	70	189	1.458	0.370	0.254	20.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1904	40.7486	117.0208	-258.4	359	QA1	0	0	0	0	54	75.8	2124	44	157	132	3.568	1.189	0.333	20.3	20.00
1905	40.7486	117.0201	-258.0	362	QA1	0	0	0	0	55	75.9	2266	50	42	238	0.840	0.176	0.210	20.3	20.00
1906	40.7486	117.0193	-258.9	367	QA1	0	0	0	0	59	76.1	2160	47	72	187	1.532	0.385	0.251	20.2	20.00
1907	40.7486	117.0186	-259.0	372	QA1	0	0	0	0	67	76.4	2149	41	78	176	1.902	0.443	0.233	20.1	20.00
1908	40.7486	117.0178	-259.9	374	QA1	0	0	1	0	63	76.5	2184	59	11	196	0.186	0.056	0.301	20.0	20.00
1909	40.7486	117.0171	-259.6	372	QA1	0	0	0	0	62	76.4	2120	53	81	146	1.528	0.555	0.363	20.0	20.00
1910	40.7486	117.0163	-260.8	372	QA1	0	0	0	0	60	72.0	2083	41	67	173	1.634	0.387	0.237	20.0	20.00
1911	40.7487	117.0156	-260.1	382	QA1	0	0	0	0	58	72.4	1984	37	93	168	2.514	0.554	0.220	20.1	20.00
1912	40.7487	117.0148	-260.9	394	QA1	0	0	0	0	64	72.9	2073	47	58	146	1.234	0.397	0.322	20.1	20.00
1913	40.7487	117.0141	-260.8	402	QA1	0	0	0	0	61	73.3	2099	54	80	159	1.481	0.503	0.340	20.0	20.00
1914	40.7487	117.0133	-260.0	394	QA1	0	0	0	0	71	72.9	2217	47	55	172	1.170	0.320	0.273	19.8	20.00
1915	40.7487	117.0126	-260.5	388	QA1	0	0	0	0	66	72.7	2154	59	81	128	1.373	0.633	0.461	19.8	20.00
1916	40.7487	117.0118	-260.4	385	QA1	0	0	0	0	70	72.5	2072	43	73	162	1.698	0.451	0.265	19.7	20.00
1917	40.7487	117.0111	-260.8	393	QA1	0	0	0	0	64	72.9	2004	58	34	168	0.586	0.202	0.345	19.7	20.00
1918	40.7487	117.0103	-260.2	399	QA1	0	0	0	0	58	73.2	2070	55	74	124	1.345	0.597	0.444	19.6	20.00
1919	40.7487	117.0096	-260.3	400	QA1	0	0	0	0	61	73.2	2077	60	49	153	0.817	0.320	0.392	19.6	20.00
1920	40.7487	117.0088	-258.6	418	QA1	0	0	0	0	56	74.0	1929	51	111	89	2.176	1.247	0.573	19.5	20.00
1921	40.7487	117.0081	-258.2	429	QA1	0	0	1	0	59	74.4	1931	40	18	186	0.450	0.097	0.215	19.4	20.00
1922	40.7487	117.0073	-254.2	440	QA1	0	0	0	0	62	74.9	1912	45	90	128	2.000	0.703	0.352	19.2	20.00
1923	40.7487	117.0066	-248.1	445	QA1	0	0	1	0	54	75.1	1853	49	25	145	0.510	0.172	0.338	19.0	20.00
1924	40.7488	117.0058	-249.3	446	QA1	0	0	0	0	60	75.2	1872	51	47	107	0.922	0.439	0.477	18.7	20.00
1925	40.7488	117.0051	-253.9	455	QA1	0	0	0	0	70	75.5	1846	24	94	117	3.917	0.803	0.205	18.6	20.00
1926	40.7488	117.0043	-256.8	452	QA1	0	0	0	0	62	75.4	1856	36	60	130	1.667	0.462	0.277	18.3	20.00
1927	40.7488	117.0036	-258.9	467	QA1	0	0	0	0	64	76.0	1957	45	39	150	0.867	0.260	0.300	18.2	20.00
1928	40.7488	117.0028	-259.3	464	QA1	0	0	0	0	69	75.9	1883	49	28	142	0.571	0.197	0.345	18.1	20.00
1929	40.7488	117.0021	-259.2	469	QA1	0	0	0	0	59	73.5	1885	29	85	106	2.931	0.802	0.274	17.8	20.00
1930	40.7488	117.0013	-259.1	461	QA1	0	0	0	0	58	73.2	1958	51	52	137	1.020	0.380	0.372	17.5	20.00
1931	40.7488	117.0006	-258.8	458	QA1	0	0	0	0	63	73.1	1910	39	53	124	1.359	0.427	0.315	17.2	20.00
1932	40.7488	116.9998	-260.2	465	QA1	0	0	0	0	67	73.3	1896	38	42	132	1.105	0.318	0.288	17.0	20.00
1933	40.7488	116.9991	-260.4	456	QA1	0	0	1	0	66	73.0	1811	45	26	133	0.578	0.195	0.338	16.7	20.00
1934	40.7488	116.9983	-260.9	448	QA1	0	0	0	0	71	72.7	1826	35	70	124	2.000	0.565	0.282	16.7	20.00
1935	40.7488	116.9976	-260.8	453	QA1	0	0	0	0	67	72.9	1827	24	108	114	4.500	0.947	0.211	16.6	20.00
1936	40.7488	116.9968	-260.5	448	QA1	0	0	1	0	55	72.7	1777	36	24	160	0.667	0.150	0.225	16.3	20.00
1937	40.7489	116.9961	-258.7	451	QA1	0	0	0	0	64	72.8	1900	49	31	104	0.633	0.298	0.471	16.3	20.00
1938	40.7489	116.9953	-257.3	453	QA1	0	0	0	0	69	72.8	1895	45	33	117	0.733	0.282	0.385	16.0	20.00
1939	40.7489	116.9946	-257.5	450	QA1	0	0	0	0	62	72.7	1887	44	67	114	1.523	0.588	0.386	15.8	20.00
1940	40.7489	116.9938	-255.9	446	QA1	0	0	0	0	75	72.6	1887	48	79	98	1.646	0.806	0.490	15.6	20.00
1941	40.7489	116.9931	-256.6	444	QA1	0	0	0	0	58	72.5	1849	33	85	110	2.576	0.773	0.300	15.5	20.00
1942	40.7489	116.9923	-255.6	440	QA1	0	0	0	0	69	72.4	1839	44	83	76	1.886	1.092	0.579	15.3	20.00
1943	40.7489	116.9916	-253.8	432	QA1	0	0	0	0	58	72.0	1877	51	46	123	0.902	0.374	0.415	15.0	20.00
1944	40.7489	116.9908	-254.3	424	QA1	0	0	1	0	58	71.7	1824	60	9	138	0.150	0.065	0.435	15.0	20.00
1945	40.7489	116.9901	-254.7	427	QA1	0	0	1	0	63	71.8	1969	31	24	179	0.774	0.134	0.173	15.0	20.00
1946	40.7489	116.9893	-253.8	433	QA1	0	0	0	0	61	72.0	1915	34	84	115	2.471	0.730	0.296	15.0	20.00
1947	40.7489	116.9886	-253.2	442	QA1	0	0	0	0	70	72.4	1885	40	36	159	0.900	0.226	0.252	14.8	20.00
1948	40.7489	116.9878	-253.4	432	QA1	0	0	0	0	59	71.5	1917	42	84	117	2.000	0.718	0.359	14.7	20.00
1949	40.7489	116.9871	-252.1	430	QA1	0	0	0	0	62	71.5	2040	38	62	132	1.632	0.470	0.288	14.5	20.00
1950	40.7490	116.9863	-251.8	430	QA1	0	0	0	0	63	71.5	1896	30	102	116	3.400	0.879	0.259	14.4	20.00
1951	40.7490	116.9856	-251.1	441	QA1	0	0	0	0	67	71.9	1974	41	46	151	1.122	0.305	0.272	14.4	20.00
1952	40.7490	116.9848	-251.2	449	QA1	0	0	0	0	67	72.2	1972	42	38	156	0.905	0.244	0.269	14.4	20.00
1953	40.7490	116.9841	-251.7	433	QA1	0	0	1	0	53	71.6	2068	47	7	189	0.149	0.037	0.249	14.2	20.00
1954	40.7490	116.9833	-251.5	425	QA1	0	0	0	0	69	71.2	1963	37	61	185	1.649	0.330	0.200	14.1	20.00
1955	40.7490	116.9826	-253.6	426	QA1	0	0	0	0	52	71.3	2024	51	56	166	1.098	0.337	0.307	14.0	20.00
1956	40.7490	116.9818	-252.6	415	QA1	0	0	0	0	61	70.8	2124	67	29	149	0.433	0.195	0.450	14.1	20.00
1957	40.7490	116.9811	-253.8	411	QA1	0	0	0	0	65	70.7	2062	41	47	183	1.146	0.257	0.224	14.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1958	40.7490	116.9803	-251.6	402	QA1	0	0	0	0	62	70.3	1980	45	37	168	0.822	0.220	0.268	14.4	20.00
1959	40.7490	116.9796	-251.8	397	QA1	0	0	0	0	66	70.1	1869	42	77	111	1.833	0.694	0.378	14.5	20.00
1960	40.7490	116.9788	-250.8	385	QA1	0	0	0	0	64	69.6	1879	38	60	169	1.579	0.355	0.225	14.4	20.00
1961	40.7490	116.9781	-250.3	378	QA1	0	0	1	0	68	69.3	1846	39	-23	210	-0.590	-0.110	0.186	14.5	20.00
1962	40.7491	116.9773	-251.3	371	QA1	0	0	0	0	63	69.0	1857	36	66	138	1.833	0.478	0.261	14.6	20.00
1963	40.7491	116.9766	-250.7	364	QA1	0	0	0	0	62	68.7	1749	31	101	127	3.258	0.795	0.244	14.8	20.00
1964	40.7491	116.9758	-250.0	357	QA1	0	0	0	0	61	68.4	1864	16	87	149	5.438	0.584	0.107	15.0	20.00
1965	40.7491	116.9751	-249.9	352	QA1	0	0	0	0	53	68.2	1967	48	76	125	1.583	0.608	0.384	15.1	20.00
1966	40.7491	116.9743	-248.6	351	QA1	0	0	0	0	58	68.1	1900	38	121	133	3.184	0.910	0.286	15.2	20.00
1967	40.7491	116.9736	-247.2	353	QA1	0	0	0	0	57	67.6	1881	52	72	131	1.385	0.550	0.397	15.2	20.00
1968	40.7491	116.9728	-248.7	352	QA1	0	0	0	0	69	67.5	1858	45	63	150	1.400	0.420	0.300	15.2	20.00
1969	40.7491	116.9721	-248.1	354	QA1	0	0	0	0	68	67.6	1880	36	104	148	2.889	0.703	0.243	15.3	20.00
1970	40.7491	116.9713	-248.1	364	QA1	0	0	0	0	63	68.0	1981	47	69	160	1.468	0.431	0.294	15.5	20.00
1971	40.7491	116.9706	-247.2	381	QA1	0	0	0	0	53	68.7	2109	59	53	172	0.898	0.308	0.343	15.8	20.00
1972	40.7491	116.9698	-245.4	378	QA1	0	0	0	0	60	68.6	2084	61	44	170	0.721	0.259	0.359	16.0	20.00
1973	40.7491	116.9691	-246.1	375	QA1	0	0	0	0	64	68.5	2041	43	101	106	2.349	0.953	0.406	16.0	20.00
1974	40.7491	116.9683	-246.0	372	QA1	0	0	0	0	62	68.3	2121	55	64	167	1.164	0.383	0.329	16.1	20.00
1975	40.7492	116.9676	-245.9	371	QA1	0	0	0	0	57	68.3	1993	37	68	176	1.838	0.386	0.210	16.2	20.00
1976	40.7492	116.9668	-245.3	374	QA1	0	0	0	0	56	68.5	2050	47	41	184	0.872	0.223	0.255	16.3	20.00
1977	40.7492	116.9661	-244.1	361	QA1	0	0	0	0	64	67.9	2044	46	77	151	1.674	0.510	0.305	16.4	20.00
1978	40.7492	116.9654	-244.0	357	QA1	0	0	0	0	65	67.7	2059	45	147	154	3.267	0.955	0.292	16.4	20.00
1979	40.7492	116.9646	-243.5	354	QA1	0	0	0	0	59	67.6	1949	34	151	146	4.441	1.034	0.233	16.5	20.00
1980	40.7492	116.9639	-242.7	352	QA1	0	0	0	0	64	67.5	2038	38	120	164	3.158	0.732	0.232	16.6	20.00
1981	40.7492	116.9631	-241.8	355	QA1	0	0	0	0	63	67.6	2106	68	112	162	1.647	0.691	0.420	16.6	20.00
1982	40.7492	116.9624	-242.2	363	QA1	0	0	0	0	69	68.0	2250	58	132	195	2.276	0.677	0.297	16.6	20.00
1983	40.7492	116.9616	-242.0	371	QA1	0	0	0	0	68	68.3	2275	62	102	201	1.645	0.507	0.308	16.6	20.00
1984	40.7492	116.9609	-240.6	379	QA1	0	0	0	0	61	68.7	2266	45	119	180	2.644	0.661	0.250	16.6	20.00
1985	40.7492	116.9601	-241.2	385	QA1	0	0	0	0	61	68.9	2301	70	98	172	1.400	0.570	0.407	16.5	20.00
1986	40.7492	116.9594	-240.1	390	QA1	0	0	0	0	60	65.3	2234	69	42	209	0.609	0.201	0.330	16.5	20.00
1987	40.7492	116.9586	-239.2	404	QA1	0	0	0	0	54	65.8	2233	50	125	164	2.500	0.762	0.305	16.6	20.00
1988	40.7493	116.9579	-238.6	403	QA1	0	0	0	0	63	65.8	2112	30	104	186	3.467	0.559	0.161	16.6	20.00
1989	40.7493	116.9571	-238.0	409	QA1	0	0	0	0	62	66.0	2139	58	76	170	1.310	0.447	0.341	16.7	20.00
1990	40.7493	116.9564	-236.6	412	QA1	0	0	0	0	65	66.1	2180	52	102	182	1.962	0.560	0.286	16.7	20.00
1991	40.7493	116.9557	-235.4	418	QA1	0	0	0	0	60	66.3	2211	37	121	188	3.270	0.644	0.197	16.9	20.00
1992	40.7492	116.9551	-236.1	408	QA1	0	0	0	0	58	65.9	1916	46	91	137	1.978	0.664	0.336	17.0	20.00
1993	40.7492	116.9545	-235.3	409	QA1	0	0	0	0	70	66.0	1996	52	39	187	0.750	0.209	0.278	17.1	20.00
1994	40.7492	116.9539	-235.1	412	QA1	0	0	0	0	58	66.1	1992	50	77	127	1.540	0.606	0.394	17.4	20.00
1995	40.7492	116.9533	-235.7	413	QA1	0	0	0	0	61	66.1	1989	39	46	166	1.179	0.277	0.235	17.6	20.00
1996	40.7492	116.9526	-235.4	410	QA1	0	0	1	0	65	66.0	1800	50	21	150	0.420	0.140	0.333	17.8	20.00
1997	40.7492	116.9520	-234.4	416	QA1	0	0	0	0	70	66.2	1943	52	54	162	1.038	0.333	0.321	18.0	20.00
1998	40.7492	116.9514	-232.8	419	QA1	0	0	^	0	61	66.4	2073	58	45	183	0.776	0.246	0.317	18.1	20.00
1999	40.7491	116.9508	-231.6	426	QA1	0	0		0	60	66.6	2025	58	51	162	0.879	0.315	0.358	18.2	20.00
2000	40.7491	116.9502	-231.5	431	QA1	0	0	1	0	58	66.8	2040	53	2	222	0.038	0.009	0.239	18.3	20.00
2001	40.7491	116.9495	-231.5	437	QA1	0	0	0	0	70	67.0	2027	60	67	129	1.117	0.519	0.465	18.3	20.00
2002	40.7491	116.9489	-231.2	434	QA1	0	0	0	0	65	66.9	1946	37	68	177	1.838	0.384	0.209	18.2	20.00
2003	40.7491	116.9483	-231.9	426	QA1	0	0	0	0	57	66.6	1945	44	47	159	1.068	0.296	0.277	18.1	20.00
2004	40.7491	116.9477	-229.3	427	QA1	0	0	0	0	67	66.7	1989	44	76	134	1.727	0.567	0.328	18.2	20.00
2005	40.7491	116.9471	-229.6	430	QA1	0	0	0	0	68	64.2	2088	48	34	205	0.708	0.166	0.234	18.1	20.00
2006	40.7490	116.9464	-227.6	420	QA1	0	0	1	0	64	63.9	1933	44	21	196	0.477	0.107	0.224	18.1	20.00
2007	40.7490	116.9458	-227.9	428	QA1	0	0	0	0	56	64.2	2065	45	90	158	2.000	0.570	0.285	18.0	20.00
2008	40.7490	116.9452	-227.2	431	QA1	0	0	0	0	69	64.3	2096	39	62	193	1.590	0.321	0.202	18.0	20.00
2009	40.7490	116.9446	-226.2	425	QA1	0	0	0	0	63	64.0	2113	49	64	180	1.306	0.356	0.272	17.9	20.00
2010	40.7490	116.9440	-226.6	422	QA1	0	0	0	0	70	63.9	2216	38	129	161	3.395	0.801	0.236	17.8	20.00
2011	40.7490	116.9433	-225.8	433	QA1	0	0	1	0	69	64.3	2297	65	-22	270	-0.338	-0.081	0.241	17.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2012	40.7490	116.9427	-226.0	430	QA1	0	0	0	0	58	64.2	2407	63	112	228	1.778	0.491	0.276	17.9	20.00
2013	40.7489	116.9421	-224.2	425	QA1	0	0	0	0	65	64.0	2373	56	48	246	0.857	0.195	0.228	17.8	20.00
2014	40.7489	116.9415	-224.4	414	QA1	0	0	0	0	63	63.7	2417	65	85	202	1.308	0.421	0.322	17.8	20.00
2015	40.7489	116.9409	-224.4	400	QA1	0	0	0	0	63	63.1	2336	43	150	155	3.488	0.968	0.277	17.8	20.00
2016	40.7489	116.9402	-225.3	389	QA1	0	0	0	0	66	62.7	2359	65	61	222	0.938	0.275	0.293	17.9	20.00
2017	40.7489	116.9396	-224.8	377	QA1	0	0	0	0	58	62.3	2286	53	162	167	3.057	0.970	0.317	17.9	20.00
2018	40.7489	116.9390	-224.5	370	QA1	0	0	0	0	69	62.0	2336	53	71	233	1.340	0.305	0.227	18.0	20.00
2019	40.7489	116.9384	-224.3	374	QF	0	0	0	0	63	62.2	2342	58	71	219	1.224	0.324	0.265	18.2	20.00
2020	40.7488	116.9378	-225.1	385	QF	0	0	0	0	59	62.6	2349	53	78	225	1.472	0.347	0.236	18.3	20.00
2021	40.7488	116.9371	-224.8	386	QF	0	0	0	0	64	62.6	2477	51	146	183	2.863	0.798	0.279	18.2	20.00
2022	40.7488	116.9365	-225.4	389	QF	0	0	0	0	64	62.7	2434	60	45	243	0.750	0.185	0.247	18.2	20.00
2023	40.7488	116.9359	-226.0	384	QF	0	0	0	0	67	62.5	2321	67	51	220	0.761	0.232	0.305	18.2	20.00
2024	40.7488	116.9353	-226.6	387	QF	0	0	0	0	65	65.5	2424	66	46	260	0.697	0.177	0.254	18.3	20.00
2025	40.7488	116.9347	-226.3	385	QF	0	0	0	0	64	65.5	2461	67	144	180	2.149	0.800	0.372	18.5	20.00
2026	40.7488	116.9340	-225.8	393	QF	0	0	0	0	63	65.8	2361	45	46	260	1.022	0.177	0.173	18.7	20.00
2027	40.7487	116.9334	-225.8	380	QF	0	0	0	0	61	65.3	2365	61	86	212	1.410	0.406	0.288	19.0	20.00
2028	40.7487	116.9328	-225.5	373	QF	0	0	0	0	60	65.0	2421	42	107	225	2.548	0.476	0.187	19.0	20.00
2029	40.7487	116.9322	-225.4	372	QF	0	0	0	0	65	65.0	2367	58	52	242	0.897	0.215	0.240	19.1	20.00
2030	40.7487	116.9315	-224.2	374	QF	0	0	0	0	62	65.0	2348	54	81	227	1.500	0.357	0.238	19.1	20.00
2031	40.7487	116.9309	-223.7	365	QF	0	0	0	0	68	64.7	2245	59	71	247	1.203	0.287	0.239	19.1	20.00
2032	40.7487	116.9303	-223.3	366	QF	0	0	0	0	73	64.7	2584	62	41	239	0.661	0.172	0.259	19.2	20.00
2033	40.7486	116.9297	-222.1	373	QF	0	0	0	0	61	65.0	2421	50	91	245	1.820	0.371	0.204	19.3	20.00
2034	40.7486	116.9291	-221.7	385	QF	0	0	0	0	60	65.5	2445	59	129	214	2.186	0.603	0.276	19.6	20.00
2035	40.7486	116.9284	-220.8	385	QF	0	0	0	0	60	65.5	2502	43	118	267	2.744	0.442	0.161	19.7	20.00
2036	40.7486	116.9278	-219.6	367	QF	0	0	0	0	60	64.8	2488	60	115	228	1.917	0.504	0.263	20.0	20.00
2037	40.7486	116.9272	-220.2	363	QF	0	0	0	0	52	64.6	2320	69	59	220	0.855	0.268	0.314	20.1	20.00
2038	40.7486	116.9266	-219.3	367	QF	0	0	0	0	61	64.7	2529	62	115	226	1.855	0.509	0.274	20.1	20.00
2039	40.7486	116.9260	-219.7	364	QF	0	0	0	0	66	64.6	2385	53	144	173	2.717	0.832	0.306	20.1	20.00
2040	40.7485	116.9253	-220.3	376	QF	0	0	0	0	58	65.1	2445	56	131	170	2.339	0.771	0.329	20.2	20.00
2041	40.7485	116.9247	-219.4	374	QF	0	0	0	0	56	65.1	2465	59	78	258	1.322	0.302	0.229	20.1	20.00
2042	40.7485	116.9241	-219.4	366	QF	0	0	0	0	64	64.7	2483	71	32	252	0.451	0.127	0.282	20.0	20.00
2043	40.7485	116.9235	-219.8	362	QF	0	0	0	0	58	68.7	2398	55	67	255	1.218	0.263	0.216	19.8	20.00
2044	40.7485	116.9229	-220.1	364	QF	0	0	0	0	58	68.8	2503	72	87	208	1.208	0.418	0.346	19.7	20.00
2045	40.7485	116.9222	-219.9	349	QF	0	0	0	0	56	68.2	2427	80	45	232	0.563	0.194	0.345	19.5	20.00
2046	40.7485	116.9216	-219.8	348	QF	0	0	0	0	60	68.1	2383	48	128	212	2.667	0.604	0.226	19.4	20.00
2047	40.7484	116.9210	-219.6	348	QF	0	0	0	0	60	68.1	2527	57	123	226	2.158	0.544	0.252	19.1	20.00
2048	40.7484	116.9204	-220.9	364	QF	0	0	0	0	63	68.8	2561	62	89	241	1.435	0.369	0.257	18.8	20.00
2049	40.7484	116.9198	-221.2	366	QF	0	0	0	0	64	68.9	2511	77	62	232	0.805	0.267	0.332	18.6	20.00
2050	40.7484	116.9191	-220.8	371	QF	0	0	0	0	58	69.1	2602	55	139	188	2.527	0.739	0.293	18.3	20.00
2051	40.7484	116.9185	-220.4	372	QF	0	0	0	0	71	69.1	2405	56	96	207	1.714	0.464	0.271	18.0	20.00
2052	40.7484	116.9179	-220.0	383	QF	0	0	0	0	64	69.6	2446	50	130	197	2.600	0.660	0.254	17.8	20.00
2053	40.7484	116.9173	-218.8	392	QF	0	0	0	0	68	70.0	2515	53	75	236	1.415	0.318	0.225	17.7	20.00
2054	40.7483	116.9167	-218.3	402	QF	0	0	0	0	67	70.4	2474	81	97	184	1.198	0.527	0.440	17.4	20.00
2055	40.7483	116.9160	-217.7	401	QF	0	0	0	0	67	70.4	2432	62	119	165	1.919	0.721	0.376	17.2	20.00
2056	40.7483	116.9154	-217.2	414	QF	0	0	0	0	63	70.9	2445	41	113	228	2.756	0.496	0.180	17.0	20.00
2057	40.7483	116.9148	-216.0	427	QF	0	0	0	0	71	71.4	2553	44	162	194	3.682	0.835	0.227	16.9	20.00
2058	40.7483	116.9142	-215.6	429	QF	0	0	0	0	56	71.5	2448	62	83	248	1.339	0.335	0.250	16.8	20.00
2059	40.7483	116.9136	-214.4	435	QF	0	0	0	0	60	71.7	2500	58	168	185	2.897	0.908	0.314	16.7	20.00
2060	40.7483	116.9129	-213.4	449	QF	0	0	0	0	60	72.3	2546	62	95	239	1.532	0.397	0.259	16.6	20.00
2061	40.7482	116.9123	-212.4	466	QF	0	0	1	0	60	72.9	2466	75	4	244	0.053	0.016	0.307	16.5	20.00
2062	40.7482	116.9117	-211.4	479	QF	0	0	0	0	62	77.8	2563	44	104	220	2.364	0.473	0.200	16.2	20.00
2063	40.7482	116.9111	-211.0	486	QF	0	0	0	0	79	78.0	2401	45	95	181	2.111	0.525	0.249	15.9	20.00
2064	40.7482	116.9105	-209.9	489	QF	0	0	0	0	63	78.2	2458	54	81	171	1.500	0.474	0.316	15.7	20.00
2065	40.7482	116.9098	-210.0	493	QF	0	0	0	0	65	78.3	2443	65	44	229	0.677	0.192	0.284	15.5	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2066	40.7482	116.9092	-209.2	485	QF	0	0	0	0	74	78.0	2294	67	78	154	1.164	0.506	0.435	15.2	20.00
2067	40.7482	116.9086	-207.8	482	QF	0	0	0	0	69	77.9	2186	51	72	218	1.412	0.330	0.234	15.0	20.00
2068	40.7481	116.9080	-207.7	485	QF	0	0	0	0	61	78.0	2264	50	98	163	1.960	0.601	0.307	14.8	20.00
2069	40.7481	116.9074	-206.7	493	QF	0	0	0	0	69	78.3	2174	58	48	210	0.828	0.229	0.276	14.5	20.00
2070	40.7481	116.9067	-206.6	490	QF	0	0	0	0	62	78.2	2212	47	60	206	1.277	0.291	0.228	14.2	20.00
2071	40.7481	116.9061	-206.5	491	QF	0	0	0	0	63	78.2	2201	49	76	179	1.551	0.425	0.274	14.0	20.00
2072	40.7481	116.9055	-206.1	496	QF	0	0	0	0	61	78.4	2198	42	97	161	2.310	0.602	0.261	13.9	20.00
2073	40.7481	116.9049	-205.2	498	QF	0	0	0	0	61	78.5	2179	53	39	177	0.736	0.220	0.299	13.7	20.00
2074	40.7481	116.9043	-205.3	496	QF	0	0	1	0	71	78.4	2032	43	23	174	0.535	0.132	0.247	13.6	20.00
2075	40.7480	116.9036	-204.7	503	QF	0	0	0	0	60	78.7	2186	44	79	159	1.795	0.497	0.277	13.4	20.00
2076	40.7480	116.9030	-204.0	537	QF	0	0	0	0	60	80.0	2192	37	30	190	0.811	0.158	0.195	13.2	20.00
2077	40.7480	116.9024	-201.6	540	QF	0	0	0	0	61	80.1	2168	27	56	224	2.074	0.250	0.121	12.9	20.00
2078	40.7480	116.9018	-202.1	499	QF	0	0	0	0	70	78.5	2105	43	86	164	2.000	0.524	0.262	12.6	20.00
2079	40.7480	116.9012	-202.7	532	QF	0	0	1	0	65	79.8	2195	46	24	206	0.522	0.117	0.223	12.5	20.00
2080	40.7480	116.9005	-202.5	510	QF	0	0	0	0	80	79.0	2248	56	44	156	0.786	0.282	0.359	12.4	20.00
2081	40.7480	116.8999	-201.6	509	QF	0	0	0	0	66	76.5	2044	54	49	145	0.907	0.338	0.372	12.2	20.00
2082	40.7479	116.8993	-201.6	498	QF	0	0	0	0	68	76.1	2093	46	36	194	0.783	0.186	0.237	12.0	20.00
2083	40.7479	116.8987	-201.7	497	QF	0	0	0	0	67	76.1	2152	40	101	153	2.525	0.660	0.261	12.0	20.00
2084	40.7479	116.8981	-201.8	500	QF	0	0	0	0	68	76.2	2199	48	62	184	1.292	0.337	0.261	11.9	20.00
2085	40.7479	116.8974	-202.2	496	QF	0	0	0	0	64	76.0	2221	50	48	202	0.960	0.238	0.248	11.7	20.00
2086	40.7479	116.8968	-202.9	494	QF	0	0	0	0	63	76.0	2379	41	195	115	4.756	1.696	0.357	11.5	20.00
2087	40.7479	116.8962	-203.8	487	QF	0	0	0	0	64	75.7	2207	63	108	147	1.714	0.735	0.429	11.3	20.00
2088	40.7479	116.8956	-205.2	484	QF	0	0	0	0	73	75.6	2344	47	118	161	2.511	0.733	0.292	11.2	20.00
2089	40.7478	116.8950	-205.6	479	QF	0	0	0	0	63	75.4	2340	41	87	235	2.122	0.370	0.174	11.0	20.00
2090	40.7478	116.8943	-207.8	471	QF	0	0	0	0	66	75.1	2439	61	132	115	2.164	1.148	0.530	10.8	20.00
2091	40.7478	116.8937	-210.8	461	QF	0	0	0	0	76	74.7	2130	55	118	131	2.145	0.901	0.420	10.7	20.00
2092	40.7478	116.8931	-212.9	459	QF	0	0	0	0	67	74.6	2269	65	30	174	0.462	0.172	0.374	10.7	20.00
2093	40.7478	116.8925	-215.1	456	QF	0	0	0	0	68	74.5	2209	56	93	154	1.661	0.604	0.364	10.7	20.00
2094	40.7478	116.8919	-218.0	449	QF	0	0	0	0	68	74.2	2274	59	53	202	0.898	0.262	0.292	10.6	20.00
2095	40.7478	116.8912	-220.9	444	QF	0	0	0	0	68	74.0	2310	41	101	241	2.463	0.419	0.170	10.4	20.00
2096	40.7477	116.8906	-224.4	436	QF	0	0	0	0	65	73.7	2221	37	65	231	1.757	0.281	0.160	10.2	20.00
2097	40.7477	116.8900	-227.6	428	QF	0	0	0	0	70	73.4	2253	56	148	140	2.643	1.057	0.400	10.1	20.00
2098	40.7477	116.8894	-231.2	430	QF	0	0	0	0	66	73.4	2177	52	86	164	1.654	0.524	0.317	10.1	20.00
2099	40.7477	116.8888	-235.6	425	SE	0	0	0	0	69	73.2	2209	67	64	179	0.955	0.358	0.374	10.0	20.00
2100	40.7477	116.8881	-239.4	407	SE	0	0	0	0	70	66.1	2524	56	86	134	1.536	0.642	0.418	10.0	20.00
2101	40.7477	116.8875	-241.6	400	SE	0	0	0	0	66	65.8	2069	35	190	93	5.429	2.043	0.376	9.9	20.00
2102	40.7477	116.8869	-242.2	399	SE	0	0	0	0	68	65.7	2094	63	56	154	0.889	0.364	0.409	9.9	20.00
2103	40.7476	116.8863	-241.8	400	SE	0	0	0	0	66	65.8	2157	54	81	147	1.500	0.551	0.367	9.8	20.00
2104	40.7476	116.8857	-239.7	406	SE	0	0	0	0	63	66.0	2070	58	100	145	1.724	0.690	0.400	9.8	20.00
2105	40.7476	116.8850	-236.7	413	SE	0	0	0	0	74	66.3	2029	44	104	145	2.364	0.717	0.303	9.9	20.00
2106	40.7476	116.8844	-232.3	412	SE	0	0	1	0	70	66.2	2045	42	27	204	0.643	0.132	0.206	9.8	20.00
2107	40.7476	116.8838	-229.7	417	SE	0	0	0	0	66	66.4	2054	39	83	157	2.128	0.529	0.248	9.9	20.00
2108	40.7476	116.8832	-228.1	416	SE	0	0	0	0	66	66.4	2321	73	44	182	0.603	0.242	0.401	9.8	20.00
2109	40.7476	116.8826	-229.0	402	SE	0	0	0	0	68	65.8	2130	39	107	175	2.744	0.611	0.223	9.7	20.00
2110	40.7475	116.8819	-228.8	390	SE	0	0	0	0	69	65.4	2016	60	75	95	1.250	0.789	0.632	9.6	20.00
2111	40.7475	116.8813	-228.9	397	SE	0	0	0	0	71	65.7	2406	40	128	118	3.200	1.085	0.339	9.4	20.00
2112	40.7475	116.8807	-228.6	410	SE	0	0	0	0	66	66.2	1997	43	119	110	2.767	1.082	0.391	9.4	20.00
2113	40.7475	116.8801	-227.1	430	SE	0	0	0	0	60	66.9	1965	41	90	127	2.195	0.709	0.323	9.4	20.00
2114	40.7475	116.8794	-226.6	447	SE	0	0	0	0	67	67.5	2292	51	107	129	2.098	0.829	0.395	9.3	20.00
2115	40.7475	116.8788	-226.7	448	SE	0	0	0	0	74	67.6	2108	23	107	169	4.652	0.633	0.136	9.3	20.00
2116	40.7474	116.8782	-226.8	451	SE	0	0	0	0	66	67.7	2073	34	83	161	2.441	0.516	0.211	9.2	20.00
2117	40.7474	116.8776	-225.6	464	SE	0	0	0	0	72	68.2	2148	36	58	210	1.611	0.276	0.171	9.2	20.00
2118	40.7474	116.8770	-225.1	478	SE	0	0	0	0	73	68.7	2161	46	81	151	1.761	0.536	0.305	9.1	20.00
2119	40.7474	116.8763	-225.5	470	SE	0	0	0	0	64	63.2	2230	56	58	184	1.036	0.315	0.304	9.0	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2120	40.7474	116.8757	-225.1	474	SE	0	0	0	0	66	63.3	2522	38	136	140	3.579	0.971	0.271	9.0	20.00
2121	40.7474	116.8751	-225.1	489	SE	0	0	1	0	73	63.8	2103	46	22	187	0.478	0.118	0.246	9.0	20.00
2122	40.7474	116.8745	-224.5	490	SE	0	0	0	0	69	63.8	1993	34	64	158	1.882	0.405	0.215	9.2	20.00
2123	40.7473	116.8739	-223.7	481	SE	0	0	0	0	78	63.6	2134	52	104	162	2.000	0.642	0.321	9.1	20.00
2124	40.7473	116.8732	-224.0	457	SE	0	0	0	0	78	62.8	2113	44	96	173	2.182	0.555	0.254	9.1	20.00
2125	40.7473	116.8726	-223.9	455	QTL	0	0	0	0	82	62.7	2025	30	60	179	2.000	0.335	0.168	9.2	20.00
2126	40.7473	116.8720	-224.0	458	QTL	0	0	0	0	77	62.8	2668	48	56	172	1.167	0.326	0.279	9.2	20.00
2127	40.7473	116.8714	-224.3	437	QTL	0	0	0	0	79	62.1	2052	62	44	156	0.710	0.282	0.397	9.3	20.00
2128	40.7473	116.8708	-225.4	438	QTL	0	0	0	0	70	62.1	2394	34	77	199	2.265	0.387	0.171	9.4	20.00
2129	40.7473	116.8701	-225.4	460	QTL	0	0	0	0	73	62.8	2245	51	63	167	1.235	0.377	0.305	9.4	20.00
2130	40.7472	116.8695	-225.8	489	QTL	0	0	0	0	76	63.8	2158	33	105	177	3.182	0.593	0.186	9.4	20.00
2131	40.7472	116.8689	-226.6	496	QTL	0	0	0	0	68	64.0	2162	41	94	173	2.293	0.543	0.237	9.4	20.00
2132	40.7472	116.8683	-225.8	514	QTL	0	0	0	0	73	64.6	2205	49	104	126	2.122	0.825	0.389	9.5	20.00
2133	40.7472	116.8677	-226.3	562	QTL	0	0	0	0	82	66.1	2254	66	52	134	0.788	0.388	0.493	9.5	20.00
2134	40.7472	116.8670	-228.7	556	QTL	0	0	0	0	76	65.9	2091	25	107	183	4.280	0.585	0.137	9.5	20.00
2135	40.7472	116.8664	-228.9	546	QTL	0	0	0	0	76	65.6	2041	50	40	139	0.800	0.288	0.360	9.5	20.00
2136	40.7472	116.8658	-231.4	559	QTL	0	0	0	0	84	66.0	2057	17	80	165	4.706	0.485	0.103	9.5	20.00
2137	40.7471	116.8652	-233.3	562	QTL	0	0	0	0	81	66.1	2027	33	103	116	3.121	0.888	0.284	9.5	20.00
2138	40.7471	116.8646	-235.0	551	QTL	0	0	0	0	75	68.0	2031	50	54	108	1.080	0.500	0.463	9.4	20.00
2139	40.7471	116.8639	-236.6	521	TBA	0	0	0	0	78	67.1	1994	41	95	126	2.317	0.754	0.325	9.4	20.00
2140	40.7471	116.8633	-238.6	515	TBA	0	0	0	0	77	66.9	1967	39	35	172	0.897	0.203	0.227	9.4	20.00
2141	40.7471	116.8627	-240.9	516	TBA	0	0	0	0	78	66.9	2014	38	103	137	2.711	0.752	0.277	9.5	20.00
2142	40.7471	116.8621	-243.2	525	TBA	0	0	0	0	88	67.2	1934	30	56	139	1.867	0.403	0.216	9.4	20.00
2143	40.7471	116.8615	-244.4	582	TBA	0	0	1	0	77	69.0	2086	46	-7	202	-0.152	-0.035	0.228	9.5	20.00
2144	40.7470	116.8608	-246.4	590	TBA	0	0	1	0	83	69.2	2159	47	15	184	0.319	0.082	0.255	9.5	20.00
2145	40.7470	116.8602	-249.0	596	TBA	0	0	0	0	71	69.4	2122	51	32	163	0.627	0.196	0.313	9.5	20.00
2146	40.7470	116.8596	-253.2	593	TBA	0	0	1	0	72	69.3	2235	34	28	169	0.824	0.166	0.201	9.6	20.00
2147	40.7470	116.8590	-256.2	607	TBA	0	0	0	0	80	69.7	1998	45	58	110	1.289	0.527	0.409	9.7	20.00
2148	40.7470	116.8584	-260.4	622	TBA	0	0	1	0	79	70.2	1951	45	5	130	0.111	0.038	0.346	9.7	20.00
2149	40.7470	116.8577	-264.6	616	TBA	0	0	0	0	82	70.0	1951	10	114	98	11.400	1.163	0.102	9.7	20.00
2150	40.7470	116.8571	-269.4	626	TBA	0	0	1	0	83	70.3	2031	45	-17	183	-0.378	-0.093	0.246	9.8	20.00
2151	40.7469	116.8565	-273.7	604	TBA	0	0	1	0	78	69.7	2075	37	-4	150	-0.108	-0.027	0.247	9.7	20.00
2152	40.7469	116.8559	-279.4	597	TBA	0	0	0	0	70	69.4	1924	26	67	114	2.577	0.588	0.228	9.8	20.00
2153	40.7469	116.8553	-285.8	590	TBA	0	0	0	0	77	69.2	2033	36	39	97	1.083	0.402	0.371	9.8	20.00
2154	40.7469	116.8546	-291.8	580	TBA	0	0	1	0	79	68.9	1859	44	7	155	0.159	0.045	0.284	9.9	20.00
2155	40.7469	116.8540	-299.8	568	TBA	0	0	0	0	74	68.6	1803	30	79	110	2.633	0.718	0.273	9.9	20.00
2156	40.7469	116.8534	-308.0	551	TBA	0	0	0	0	87	68.0	2000	29	66	89	2.276	0.742	0.326	9.9	20.00
2157	40.7469	116.8528	-316.5	538	TBA	0	0	0	0	77	67.6	1995	30	37	108	1.233	0.343	0.278	9.9	20.00
2158	40.7468	116.8522	-326.2	525	TBA	0	0	0	0	84	67.2	1825	24	89	76	3.708	1.171	0.316	9.8	20.00
2159	40.7468	116.8515	-337.1	499	TBA	0	0	0	0	78	66.4	1736	24	71	114	2.958	0.623	0.211	9.7	20.00
2160	40.7468	116.8509	-349.5	499	TBA	0	0	1	0	85	66.4	1663	33	-10	138	-0.303	-0.072	0.239	9.9	20.00
2161	40.7468	116.8503	-364.4	496	TBA	0	0	1	0	82	66.3	1927	30	-7	144	-0.233	-0.049	0.208	10.0	20.00
2162	40.7468	116.8497	-381.5	495	TBA	0	0	0	0	80	66.3	1800	32	76	81	2.375	0.938	0.395	10.0	20.00
2163	40.7468	116.8491	-402.9	495	TBA	0	0	0	0	89	66.2	1682	39	28	124	0.718	0.226	0.315	10.0	20.00
2164	40.7468	116.8484	-423.3	493	TBA	0	0	0	0	83	66.2	1784	35	83	98	2.371	0.847	0.357	10.1	20.00
2165	40.7467	116.8478	-439.9	493	TBA	0	0	0	0	69	66.2	1828	42	46	129	1.095	0.357	0.326	10.1	20.00
2166	40.7467	116.8472	-441.3	485	TBA	0	0	1	0	83	65.9	1841	30	9	136	0.300	0.066	0.221	10.2	20.00
2167	40.7467	116.8466	-413.5	460	TBA	0	0	0	0	88	65.1	1885	34	51	136	1.500	0.375	0.250	10.3	20.00
2168	40.7467	116.8460	-346.7	442	TBA	0	0	0	0	86	64.4	2244	39	112	147	2.872	0.762	0.265	10.4	20.00
2169	40.7467	116.8453	-258.4	412	TBA	0	0	0	0	104	63.3	2155	36	82	171	2.278	0.480	0.211	10.4	20.00
2170	40.7467	116.8447	-189.7	384	TBA	0	0	0	0	88	62.3	2254	46	98	182	2.130	0.538	0.253	10.3	20.00
2171	40.7467	116.8441	-167.5	368	TBA	0	0	0	0	89	61.7	2384	47	90	229	1.915	0.393	0.205	10.4	20.00
2172	40.7467	116.8436	-176.0	351	TBA	0	0	0	0	82	61.0	2405	59	77	234	1.305	0.329	0.252	10.4	20.00
2173	40.7467	116.8430	-193.5	308	TBA	0	0	0	0	91	59.3	2356	44	84	227	1.909	0.370	0.194	10.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2174	40.7467	116.8424	-181.8	317	TBA	0	0	0	0	90	59.7	2415	55	77	235	1.400	0.328	0.234	10.2	20.00
2175	40.7467	116.8418	-145.5	337	TBA	0	0	0	0	91	60.5	2408	62	32	240	0.516	0.133	0.258	10.1	20.00
2176	40.7467	116.8412	-108.2	355	TBA	0	0	0	0	89	60.5	2580	68	77	267	1.132	0.288	0.255	10.0	20.00
2177	40.7467	116.8407	-76.7	370	TBA	0	0	0	0	89	61.1	2533	63	158	184	2.508	0.859	0.342	9.9	20.00
2178	40.7467	116.8401	-46.0	373	TBA	0	0	0	0	82	61.2	2544	58	67	278	1.155	0.241	0.209	9.9	20.00
2179	40.7467	116.8395	-15.5	390	TBA	0	0	1	0	90	61.8	2404	65	5	258	0.077	0.019	0.252	9.7	20.00
2180	40.7467	116.8389	18.9	428	TBA	0	0	0	0	94	63.2	2545	58	76	224	1.310	0.339	0.259	9.8	20.00
2181	40.7467	116.8383	52.5	456	TBA	0	0	0	0	91	64.2	2614	78	52	233	0.667	0.223	0.335	9.8	20.00
2182	40.7467	116.8378	80.4	481	TBA	0	0	0	0	93	65.0	2617	68	33	250	0.485	0.132	0.272	9.7	20.00
2183	40.7466	116.8372	94.3	491	TBA	0	0	0	0	96	65.4	2532	77	49	240	0.636	0.204	0.321	9.6	20.00
2184	40.7466	116.8366	90.0	496	TBA	0	0	0	0	75	65.5	2596	70	87	205	1.243	0.424	0.341	9.5	20.00
2185	40.7466	116.8360	75.0	510	TBA	0	0	0	0	86	66.0	2546	56	122	214	2.179	0.570	0.262	9.4	20.00
2186	40.7466	116.8355	51.9	520	TBA	0	0	0	0	87	66.3	2518	52	81	221	1.558	0.367	0.235	9.4	20.00
2187	40.7466	116.8349	27.8	548	TBA	0	0	0	0	82	67.2	2581	55	50	228	0.909	0.219	0.241	9.6	20.00
2188	40.7466	116.8343	5.7	551	TBA	0	0	1	0	95	67.3	2425	48	3	230	0.063	0.013	0.209	9.5	20.00
2189	40.7466	116.8337	-6.7	555	TBA	0	0	0	0	94	67.4	2552	34	119	222	3.500	0.536	0.153	9.5	20.00
2190	40.7466	116.8331	-2.9	547	TBA	0	0	0	0	87	67.2	2564	71	74	204	1.042	0.363	0.348	9.4	20.00
2191	40.7466	116.8326	20.5	518	TBA	0	0	0	0	90	66.2	2424	56	92	158	1.643	0.582	0.354	9.3	20.00
2192	40.7466	116.8320	57.0	496	TBA	0	0	0	0	90	65.5	2621	64	46	197	0.719	0.234	0.325	9.2	20.00
2193	40.7466	116.8314	86.5	479	TBA	0	0	0	0	83	65.0	2591	59	53	259	0.898	0.205	0.228	9.1	20.00
2194	40.7466	116.8308	99.5	436	TBA	0	0	0	0	79	63.5	2467	58	124	184	2.138	0.674	0.315	8.9	20.00
2195	40.7466	116.8302	92.0	394	TBA	0	0	0	0	92	65.3	2457	67	83	217	1.239	0.382	0.309	8.8	20.00
2196	40.7466	116.8297	67.8	358	TBA	0	0	0	0	83	63.9	2463	48	173	211	3.604	0.820	0.227	8.7	20.00
2197	40.7466	116.8291	64.4	355	TBA	0	0	0	0	93	63.8	2484	64	133	199	2.078	0.668	0.322	8.7	20.00
2198	40.7466	116.8285	78.9	371	TBA	0	0	0	0	98	64.4	2418	80	63	186	0.788	0.339	0.430	8.6	20.00
2199	40.7466	116.8279	85.0	393	TBA	0	0	0	0	94	65.3	2504	66	150	171	2.273	0.877	0.386	8.5	20.00
2200	40.7466	116.8273	88.8	413	TBA	0	0	0	0	90	66.0	2647	73	72	199	0.986	0.362	0.367	8.4	20.00
2201	40.7466	116.8268	97.8	427	TBA	0	0	0	0	82	66.6	2527	70	116	183	1.657	0.634	0.383	8.4	20.00
2202	40.7466	116.8262	111.9	451	TBA	0	0	0	0	82	67.5	2524	79	94	189	1.190	0.497	0.418	8.4	20.00
2203	40.7466	116.8256	119.2	476	TBA	0	0	0	0	83	68.4	2599	62	94	212	1.516	0.443	0.292	8.4	20.00
2204	40.7466	116.8250	104.4	490	TBA	0	0	0	0	82	68.8	2626	54	184	114	3.407	1.614	0.474	8.4	20.00
2205	40.7466	116.8245	70.1	495	TBA	0	0	0	0	89	69.0	2500	59	125	155	2.119	0.806	0.381	8.3	20.00
2206	40.7466	116.8239	38.5	499	TBA	0	0	0	0	75	69.2	2528	53	80	229	1.509	0.349	0.231	8.3	20.00
2207	40.7466	116.8233	40.2	512	TBA	0	0	1	0	88	69.6	2645	72	28	248	0.389	0.113	0.290	8.1	20.00
2208	40.7466	116.8227	74.6	511	TBA	0	0	0	0	78	69.6	2542	48	115	220	2.396	0.523	0.218	8.1	20.00
2209	40.7466	116.8221	125.2	513	TBA	0	0	0	0	89	69.6	2522	63	136	178	2.159	0.764	0.354	8.1	20.00
2210	40.7466	116.8216	179.6	543	TBA	0	0	0	0	86	70.6	2689	74	68	223	0.919	0.305	0.332	8.1	20.00
2211	40.7466	116.8210	231.6	531	TBA	0	0	0	0	81	70.3	2624	46	164	169	3.565	0.970	0.272	7.9	20.00
2212	40.7466	116.8204	272.7	497	TBA	0	0	0	0	77	69.1	2523	82	137	156	1.671	0.878	0.526	7.9	20.00
2213	40.7466	116.8198	295.1	493	TBA	0	0	1	0	88	68.9	2528	72	0	264	0.014	0.004	0.273	7.9	20.00
2214	40.7466	116.8192	293.9	492	TBA	0	0	0	0	88	68.6	2575	49	163	208	3.327	0.784	0.236	7.8	20.00
2215	40.7466	116.8187	273.3	495	TBA	0	0	0	0	84	68.7	2518	91	70	185	0.769	0.378	0.492	7.7	20.00
2216	40.7466	116.8181	243.6	507	TBA	0	0	0	0	92	69.2	2525	53	105	205	1.981	0.512	0.259	7.7	20.00
2217	40.7466	116.8175	219.1	499	TBA	0	0	0	0	73	68.9	2755	59	70	249	1.186	0.281	0.237	7.6	20.00
2218	40.7466	116.8169	203.4	486	TBA	0	0	0	0	97	68.4	2703	60	123	219	2.050	0.562	0.274	7.6	20.00
2219	40.7466	116.8163	189.9	436	TBA	0	0	0	0	86	66.7	2629	74	100	206	1.351	0.485	0.359	7.6	20.00
2220	40.7466	116.8158	173.3	390	TBA	0	0	0	0	86	64.9	2636	69	69	257	1.000	0.268	0.268	7.8	20.00
2221	40.7466	116.8152	158.3	345	TBA	0	0	0	0	81	63.1	2589	64	117	212	1.828	0.552	0.302	7.9	20.00
2222	40.7466	116.8146	154.6	298	TBA	0	0	1	0	92	61.2	2534	77	-4	283	-0.052	-0.014	0.272	8.0	20.00
2223	40.7466	116.8140	168.8	282	TBA	0	0	0	0	72	60.5	2420	51	149	232	2.922	0.642	0.220	7.9	20.00
2224	40.7466	116.8135	201.2	315	TBA	0	0	0	0	74	61.9	2516	58	117	235	2.017	0.498	0.247	8.1	20.00
2225	40.7466	116.8129	211.8	374	TBA	0	0	0	0	88	64.3	2673	59	124	242	2.102	0.512	0.244	8.2	20.00
2226	40.7466	116.8123	205.3	447	TBA	0	0	0	0	89	67.1	2759	87	58	238	0.667	0.244	0.366	8.2	20.00
2227	40.7466	116.8117	215.1	493	TBA	0	0	0	0	85	68.7	2756	65	142	247	2.185	0.575	0.263	8.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2228	40.7466	116.8111	250.3	530	TBA	0	0	0	0	88	69.9	2743	42	72	308	1.714	0.234	0.136	8.1	20.00
2229	40.7466	116.8106	302.1	589	TBA	0	0	0	0	75	71.8	2779	62	135	193	2.177	0.699	0.321	8.1	20.00
2230	40.7466	116.8100	355.7	669	TBA	0	0	0	0	80	74.2	2944	52	90	303	1.731	0.297	0.172	8.3	20.00
2231	40.7466	116.8094	409.0	718	TBA	1	0	0	0	79	75.6	2997	66	189	182	2.864	1.038	0.363	8.3	20.00
2232	40.7466	116.8088	461.4	762	TBA	1	0	0	0	81	76.8	3023	62	99	254	1.597	0.390	0.244	8.3	20.00
2233	40.7466	116.8082	511.5	785	TBA	1	0	0	0	100	89.7	3033	37	86	294	2.324	0.293	0.126	8.3	20.00
2234	40.7466	116.8077	552.3	715	TBA	1	0	0	0	81	87.6	3006	63	138	202	2.190	0.683	0.312	8.4	20.00
2235	40.7466	116.8071	580.8	639	TBA	0	0	0	0	91	85.1	2807	83	36	238	0.434	0.151	0.349	8.5	20.00
2236	40.7466	116.8065	590.4	602	TBA	0	0	0	0	84	83.8	2758	62	69	220	1.113	0.314	0.282	8.5	20.00
2237	40.7466	116.8059	584.9	557	TBA	0	0	0	0	83	82.2	2834	62	106	207	1.710	0.512	0.300	8.4	20.00
2238	40.7466	116.8053	564.9	481	TBA	0	0	0	0	91	79.2	2650	65	91	245	1.400	0.371	0.265	8.3	20.00
2239	40.7466	116.8048	535.0	422	TBA	0	0	0	0	82	76.7	2493	54	112	222	2.074	0.505	0.243	8.3	20.00
2240	40.7466	116.8042	493.2	402	TBA	0	0	0	0	70	75.9	2512	51	171	180	3.353	0.950	0.283	8.3	20.00
2241	40.7466	116.8036	443.4	438	TBA	0	0	0	0	87	77.4	2539	47	153	190	3.255	0.805	0.247	8.3	20.00
2242	40.7466	116.8030	403.5	472	TBA	0	0	0	0	88	78.8	2752	60	187	154	3.117	1.214	0.390	8.2	20.00
2243	40.7466	116.8025	385.3	461	TBA	0	0	0	0	82	78.4	2693	57	175	202	3.070	0.866	0.282	8.3	20.00
2244	40.7466	116.8019	383.6	418	TBA	0	0	0	0	95	76.6	2647	54	109	259	2.019	0.421	0.208	8.4	20.00
2245	40.7466	116.8013	391.9	378	TBA	0	0	0	0	90	74.7	2626	66	55	232	0.833	0.237	0.284	8.5	20.00
2246	40.7466	116.8007	406.5	347	TBA	0	0	0	0	82	73.3	2658	59	122	249	2.068	0.490	0.237	8.6	20.00
2247	40.7466	116.8001	426.6	344	TBA	0	0	0	0	87	73.2	2530	55	110	226	2.000	0.487	0.243	8.7	20.00
2248	40.7466	116.7996	468.3	386	TBA	0	0	0	0	88	75.1	2589	47	167	218	3.553	0.766	0.216	8.8	20.00
2249	40.7466	116.7990	503.0	456	TBA	0	0	0	0	80	78.1	2761	61	106	274	1.738	0.387	0.223	9.1	20.00
2250	40.7466	116.7984	511.8	502	TBA	0	0	0	0	82	80.1	2725	49	69	292	1.408	0.236	0.168	9.3	20.00
2251	40.7466	116.7978	507.1	530	TBA	0	0	0	0	81	81.1	2749	42	202	163	4.810	1.239	0.258	9.4	20.00
2252	40.7466	116.7972	500.5	526	TBA	0	0	0	0	83	78.4	2750	77	85	175	1.104	0.486	0.440	9.6	20.00
2253	40.7465	116.7967	499.4	564	TBA	0	0	0	0	85	79.8	2792	59	111	207	1.881	0.536	0.285	9.8	20.00
2254	40.7465	116.7961	507.6	597	TBA	0	0	0	0	81	80.9	2847	73	75	189	1.027	0.397	0.386	9.9	20.00
2255	40.7465	116.7955	522.3	676	TBA	0	0	1	0	71	83.6	2870	71	32	313	0.451	0.102	0.2[illegible]	10.2	20.00
2256	40.7465	116.7949	528.6	687	TBA	0	0	0	0	79	83.9	2988	50	84	324	1.680	0.259	0.154	10.4	20.00
2257	40.7465	116.7944	508.4	561	TBA	0	0	0	0	80	79.7	2698	63	140	188	2.222	0.745	0.335	10.6	20.00
2258	40.7465	116.7938	455.0	497	TBA	0	0	0	0	80	77.3	2693	64	65	233	1.016	0.279	0.275	10.9	20.00
2259	40.7465	116.7932	378.7	482	TBA	0	0	0	0	75	76.7	2785	58	119	211	2.052	0.564	0.275	11.1	20.00
2260	40.7465	116.7926	298.8	451	TBA	0	0	0	0	82	75.4	2577	58	101	192	1.741	0.526	0.302	11.4	20.00
2261	40.7465	116.7920	238.2	421	TBA	0	0	0	0	81	74.2	2529	54	82	216	1.519	0.380	0.250	11.6	20.00
2262	40.7465	116.7915	184.9	392	TBA	0	0	0	0	93	72.9	2503	68	84	231	1.235	0.364	0.294	11.9	20.00
2263	40.7465	116.7909	129.9	380	TBA	0	0	0	0	79	72.4	2473	56	130	195	2.321	0.667	0.287	12.1	20.00
2264	40.7465	116.7903	91.0	376	TBA	0	0	0	0	73	72.3	2709	71	92	213	1.296	0.432	0.333	12.3	20.00
2265	40.7465	116.7897	72.2	385	TBA	0	0	0	0	85	72.7	2517	79	37	209	0.468	0.177	0.378	12.5	20.00
2266	40.7465	116.7891	58.9	398	TBA	0	0	0	0	81	73.2	2526	49	178	179	3.633	0.994	0.274	12.8	20.00
2267	40.7465	116.7886	72.0	422	TBA	0	0	1	0	92	74.2	2581	80	15	269	0.188	0.056	0.297	13.1	20.00
2268	40.7465	116.7880	90.3	448	TBA	0	0	0	0	73	75.3	2523	45	135	184	3.000	0.734	0.245	13.3	20.00
2269	40.7465	116.7874	88.1	471	TBA	0	0	0	0	73	76.2	2593	50	99	221	1.980	0.448	0.226	13.5	20.00
2270	40.7465	116.7868	58.8	477	TBA	0	0	0	0	81	76.5	2568	56	107	189	1.911	0.566	0.296	13.6	20.00
2271	40.7465	116.7862	10.3	459	TBA	0	0	0	0	81	85.0	2529	69	67	163	0.971	0.411	0.423	13.7	20.00
2272	40.7465	116.7857	-33.7	446	TBA	0	0	0	0	86	84.4	2505	69	128	143	1.855	0.895	0.483	13.8	20.00
2273	40.7465	116.7851	-77.7	425	TBA	0	0	0	0	97	83.4	2589	38	185	193	4.868	0.959	0.197	14.0	20.00
2274	40.7465	116.7845	-122.5	408	TBA	0	0	0	0	84	82.6	2582	64	93	200	1.453	0.465	0.320	14.1	20.00
2275	40.7465	116.7839	-119.4	403	TBA	0	0	0	0	83	82.3	2504	39	176	179	4.513	0.983	0.218	14.2	20.00
2276	40.7465	116.7834	-49.2	415	TBA	0	0	0	0	81	82.9	2460	56	98	208	1.750	0.471	0.269	14.3	20.00
2277	40.7465	116.7828	59.7	448	TBA	0	0	0	0	88	84.5	2590	67	69	221	1.030	0.312	0.303	14.3	20.00
2278	40.7465	116.7822	137.9	458	TBA	0	0	0	0	80	84.9	2569	72	67	195	0.931	0.344	0.369	14.3	20.00
2279	40.7465	116.7816	161.9	435	TBA	0	0	1	0	87	83.9	2536	70	9	256	0.129	0.035	0.273	14.4	20.00
2280	40.7465	116.7810	126.7	409	TBA	0	0	1	0	79	82.7	2472	62	25	248	0.403	0.101	0.250	14.3	20.00
2281	40.7465	116.7805	85.3	394	TB1	0	0	0	0	81	81.9	2546	66	52	258	0.788	0.202	0.256	14.1	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2282	40.7465	116.7799	107.9	394	TB1	0	0	0	0	79	81.9	2559	85	90	181	1.059	0.497	0.470	14.0	20.00
2283	40.7465	116.7793	153.6	379	TB1	0	0	0	0	82	81.2	2618	80	45	234	0.563	0.192	0.342	13.9	20.00
2284	40.7465	116.7787	139.6	356	TB1	0	0	1	0	83	80.0	2427	72	9	252	0.125	0.036	0.286	14.0	20.00
2285	40.7465	116.7781	93.5	336	TB1	0	0	0	0	81	79.0	2469	48	107	238	2.229	0.450	0.202	14.0	20.00
2286	40.7465	116.7776	37.9	308	TB1	0	0	0	0	75	77.5	2433	61	135	188	2.213	0.718	0.324	14.0	20.00
2287	40.7465	116.7770	-5.9	288	TB1	0	0	0	0	76	76.5	2392	79	54	213	0.684	0.254	0.371	14.0	20.00
2288	40.7465	116.7764	-22.8	287	TB1	0	0	0	0	83	76.4	2473	69	72	208	1.043	0.346	0.332	14.1	20.00
2289	40.7465	116.7758	-61.0	302	TB1	0	0	0	0	67	77.2	2445	68	114	214	1.676	0.533	0.318	14.1	20.00
2290	40.7465	116.7752	-20.2	298	TB1	0	0	0	0	78	77.3	2450	61	95	211	1.557	0.450	0.289	14.1	20.00
2291	40.7465	116.7747	93.9	291	TB1	0	0	0	0	76	77.0	2363	55	141	168	2.564	0.839	0.327	14.1	20.00
2292	40.7465	116.7741	119.6	304	TB1	0	0	0	0	89	77.7	2449	60	56	264	0.933	0.212	0.227	14.3	20.00
2293	40.7465	116.7735	92.2	328	TB1	0	0	0	0	88	78.9	2528	85	65	214	0.765	0.304	0.397	14.3	20.00
2294	40.7465	116.7729	78.7	344	TB1	0	0	0	0	90	79.7	2558	56	69	259	1.232	0.266	0.216	14.3	20.00
2295	40.7465	116.7724	128.1	375	TB1	0	0	0	0	82	81.3	2599	67	127	228	1.896	0.557	0.294	14.3	20.00
2296	40.7465	116.7718	185.6	415	TB1	0	0	0	0	83	83.3	2646	70	86	222	1.229	0.387	0.315	14.3	20.00
2297	40.7465	116.7712	208.5	425	TB1	0	0	0	0	85	83.8	2704	75	117	203	1.560	0.576	0.369	14.2	20.00
2298	40.7465	116.7706	206.3	388	TB1	0	0	1	0	84	82.0	2506	75	27	244	0.360	0.111	0.307	14.1	20.00
2299	40.7465	116.7700	213.9	384	TB1	0	0	0	0	85	81.8	2573	66	151	174	2.288	0.868	0.379	13.8	20.00
2300	40.7465	116.7695	227.3	390	TB1	0	0	0	0	85	82.1	2526	55	141	190	2.564	0.742	0.289	13.7	20.00
2301	40.7465	116.7689	222.3	374	TB1	0	0	0	0	80	81.3	2515	51	87	267	1.706	0.326	0.191	13.5	20.00
2302	40.7465	116.7683	189.6	355	TB1	0	0	1	0	84	80.3	2497	82	-13	250	-0.159	-0.052	0.328	13.3	20.00
2303	40.7465	116.7677	126.8	336	TB1	0	0	0	0	68	79.4	2415	57	141	189	2.474	0.746	0.302	13.1	20.00
2304	40.7465	116.7671	51.8	323	TB1	0	0	0	0	88	78.7	2331	51	162	184	3.176	0.880	0.277	12.9	20.00
2305	40.7465	116.7666	3.0	328	TB1	0	0	0	0	85	78.9	2419	57	76	210	1.333	0.362	0.271	12.7	20.00
2306	40.7465	116.7660	8.3	355	TB1	0	0	0	0	76	80.3	2431	60	93	225	1.550	0.413	0.267	12.5	20.00
2307	40.7465	116.7654	51.8	397	TB1	0	0	0	0	87	82.4	2583	76	58	245	0.763	0.237	0.310	12.3	20.00
2308	40.7465	116.7648	101.5	432	TB1	0	0	0	0	76	84.1	2694	73	89	217	1.219	0.410	0.336	12.2	20.00
2309	40.7465	116.7642	145.4	467	TB1	0	0	1	0	83	82.5	2636	86	17	209	0.198	0.081	0.411	12.1	20.00
2310	40.7465	116.7637	186.4	486	TB1	0	0	0	0	81	83.3	2596	65	85	237	1.308	0.359	0.274	11.9	20.00
2311	40.7465	116.7631	221.1	493	TB1	0	0	0	0	83	83.6	2598	69	96	220	1.391	0.436	0.314	11.7	20.00
2312	40.7465	116.7625	236.2	490	TB1	0	0	0	0	91	83.5	2592	51	76	208	1.490	0.365	0.245	11.5	20.00
2313	40.7465	116.7619	231.9	477	TB1	0	0	0	0	84	82.9	2634	70	167	164	2.386	1.018	0.427	11.2	20.00
2314	40.7465	116.7614	221.7	466	TB1	0	0	0	0	72	82.5	2581	60	98	239	1.633	0.410	0.251	10.9	20.00
2315	40.7465	116.7608	210.8	430	TB1	0	0	0	0	79	80.9	2649	75	106	227	1.413	0.467	0.330	10.6	20.00
2316	40.7465	116.7602	208.0	405	TB1	0	0	0	0	90	79.8	2581	69	80	251	1.159	0.319	0.275	10.2	20.00
2317	40.7465	116.7596	212.6	406	TB1	0	0	0	0	72	79.8	2659	66	108	259	1.636	0.417	0.255	10.1	20.00
2318	40.7465	116.7590	197.0	381	TB1	0	0	0	0	83	78.6	2704	71	157	180	2.211	0.872	0.394	9.9	20.00
2319	40.7465	116.7585	154.9	348	TB1	0	0	0	0	85	77.0	2518	53	136	247	2.566	0.551	0.215	9.7	20.00
2320	40.7465	116.7579	105.0	320	TB1	0	0	0	0	81	75.6	2507	77	73	226	0.948	0.323	0.341	9.4	20.00
2321	40.7465	116.7573	72.8	302	TB1	0	0	0	0	87	74.7	2525	59	148	207	2.508	0.715	0.285	9.1	20.00
2322	40.7465	116.7567	76.3	297	TB1	0	0	0	0	80	74.4	2489	59	141	213	2.390	0.662	0.277	8.9	20.00
2323	40.7465	116.7561	104.3	307	TB1	0	0	0	0	83	74.9	2528	72	78	214	1.083	0.364	0.336	8.7	20.00
2324	40.7464	116.7556	133.9	331	TB1	0	0	0	0	77	76.2	2614	55	207	188	3.764	1.101	0.293	8.4	20.00
2325	40.7464	116.7550	163.1	350	TB1	0	0	0	0	75	77.1	2607	56	184	222	3.286	0.829	0.252	8.1	20.00
2326	40.7464	116.7544	185.1	358	TB1	0	0	0	0	72	77.5	2693	83	78	242	0.940	0.322	0.343	7.8	20.00
2327	40.7464	116.7538	196.2	363	TB1	0	0	0	0	81	77.8	2829	80	111	177	1.388	0.627	0.452	7.5	20.00
2328	40.7464	116.7532	219.6	364	TB1	0	0	0	0	83	65.7	2657	64	76	215	1.188	0.353	0.298	7.5	20.00
2329	40.7464	116.7527	263.1	374	TB1	0	0	0	0	90	66.1	2701	62	133	229	2.145	0.581	0.271	7.5	20.00
2330	40.7464	116.7521	291.5	384	TB1	0	0	0	0	85	66.6	2586	65	173	177	2.662	0.977	0.367	7.4	20.00
2331	40.7464	116.7515	283.1	400	TB1	0	0	0	0	84	67.2	2754	56	164	237	2.929	0.692	0.236	7.4	20.00
2332	40.7464	116.7509	261.7	404	TB1	0	0	0	0	78	67.3	2683	76	107	240	1.408	0.446	0.317	7.3	20.00
2333	40.7464	116.7504	267.3	400	TB1	0	0	0	0	86	67.2	2536	59	120	213	2.034	0.563	0.277	7.1	20.00
2334	40.7464	116.7498	283.7	402	TB1	0	0	0	0	81	67.3	2534	63	136	188	2.159	0.723	0.335	7.1	20.00
2335	40.7464	116.7492	273.1	408	TB1	0	0	0	0	77	67.5	2633	77	49	264	0.636	0.186	0.292	7.0	20.00

2340	40.7464	116.7463	256.3	333	TB1	0	0	0	0	77	65.4	2042	48	54	160	1.283	0.304	0.288	6.5	20.00
2341	40.7464	116.7457	232.4	346	TB1	0	0	0	0	75	65.0	2056	48	64	155	1.333	0.413	0.310	6.5	20.00
2342	40.7464	116.7451	203.4	332	TB1	0	0	0	0	78	64.4	2130	45	93	194	2.067	0.479	0.232	6.3	20.00
2343	40.7464	116.7446	200.3	314	TB1	0	0	0	0	77	63.6	1988	58	55	163	0.948	0.337	0.356	6.2	20.00
2344	40.7464	116.7440	231.7	310	TB1	0	0	0	0	73	63.5	2038	53	60	148	1.132	0.405	0.358	6.1	20.00
2345	40.7464	116.7434	243.9	325	TB1	0	0	0	0	81	64.1	1862	47	38	155	0.809	0.245	0.303	6.0	20.00
2346	40.7464	116.7428	264.3	349	TB1	0	0	0	0	81	65.1	1855	61	35	120	0.574	0.292	0.508	5.8	20.00
2347	40.7464	116.7422	242.1	371	TB1	0	0	0	0	76	54.3	2018	56	86	133	1.536	0.647	0.421	5.8	20.00
2348	40.7464	116.7417	202.0	375	TB1	0	0	0	0	78	54.4	2153	50	51	153	1.020	0.333	0.327	5.9	20.00
2349	40.7464	116.7411	245.0	364	TB1	0	0	0	0	75	54.1	1951	28	124	155	4.429	0.800	0.181	5.9	20.00
2350	40.7464	116.7405	281.8	350	TB1	0	0	0	0	79	53.6	2091	44	77	165	1.750	0.467	0.267	6.0	20.00
2351	40.7464	116.7399	256.3	335	TB1	0	0	0	0	78	53.0	1981	72	50	146	0.694	0.342	0.493	5.9	20.00
2352	40.7464	116.7394	224.8	328	TB1	0	0	0	0	69	52.8	2149	43	56	199	1.302	0.281	0.216	5.8	20.00
2353	40.7464	116.7388	188.2	325	TB1	0	0	0	0	80	52.7	2128	37	110	172	2.973	0.640	0.215	5.7	20.00
2354	40.7464	116.7382	134.3	325	TB1	0	0	0	0	79	52.7	2143	38	176	132	4.632	1.333	0.288	5.7	20.00
2355	40.7464	116.7376	94.0	333	TB1	0	0	0	0	83	53.0	2226	62	72	154	1.161	0.468	0.403	5.6	20.00
2356	40.7464	116.7370	67.9	335	TB1	0	0	0	0	80	53.1	2130	56	42	177	0.750	0.237	0.316	5.6	20.00
2357	40.7464	116.7365	57.6	340	TB1	0	0	0	0	74	53.2	2161	60	175	115	2.917	1.522	0.522	5.6	20.00
2358	40.7464	116.7359	84.2	345	TB1	0	0	0	0	78	53.4	2246	60	121	172	2.017	0.703	0.349	5.5	20.00
2359	40.7464	116.7353	117.9	353	TB1	0	0	0	0	76	53.7	2224	69	108	130	1.565	0.831	0.531	5.4	20.00
2360	40.7464	116.7347	135.7	344	TB1	0	0	0	0	74	53.4	2173	60	47	182	0.783	0.258	0.330	5.4	20.00
2361	40.7464	116.7341	161.5	336	TB1	0	0	0	0	85	53.1	2024	39	137	146	3.513	0.938	0.267	5.4	20.00
2362	40.7464	116.7336	197.2	340	TB1	0	0	0	0	81	53.2	1994	49	56	139	1.143	0.403	0.353	5.4	20.00
2363	40.7464	116.7330	218.9	348	TB1	0	0	0	0	79	53.5	1915	40	81	126	2.025	0.643	0.317	5.6	20.00
2364	40.7464	116.7324	230.1	356	TB1	0	0	0	0	82	53.8	2263	51	130	132	2.549	0.985	0.386	5.7	20.00
2365	40.7464	116.7318	266.0	365	TB1	0	0	0	0	89	54.1	2040	33	115	160	3.485	0.719	0.206	5.8	20.00
2366	40.7464	116.7313	299.5	371	TB1	0	0	0	0	73	50.8	2055	58	79	167	1.362	0.473	0.347	6.0	20.00
2367	40.7464	116.7307	304.1	377	TB1	0	0	0	0	79	51.0	2076	37	100	167	2.703	0.599	0.222	6.2	20.00
2368	40.7464	116.7301	287.8	379	TB1	0	0	0	0	79	51.0	2095	46	100	150	2.174	0.667	0.307	6.3	20.00
2369	40.7464	116.7295	240.6	372	TB1	0	0	0	0	88	50.8	2181	46	48	176	1.043	0.273	0.261	6.3	20.00
2370	40.7464	116.7289	170.9	361	TB1	0	0	0	0	67	50.5	1951	63	40	167	0.635	0.240	0.377	6.3	20.00
2371	40.7464	116.7284	98.2	350	TB1	0	0	0	0	81	50.1	2089	36	121	138	3.361	0.877	0.261	6.3	20.00
2372	40.7464	116.7278	42.4	336	TB1	0	0	0	0	77	49.7	2144	53	47	159	0.887	0.296	0.333	6.4	20.00
2373	40.7464	116.7272	50.0	326	TB1	0	0	0	0	83	49.3	2118	35	96	165	2.743	0.582	0.212	6.4	20.00
2374	40.7464	116.7266	86.0	315	TB1	0	0	0	0	84	49.0	2047	68	32	153	0.471	0.209	0.444	6.4	20.00
2375	40.7464	116.7260	109.5	305	TB1	0	0	0	0	83	48.7	2040	47	94	172	2.000	0.547	0.273	6.4	20.00
2376	40.7464	116.7255	96.1	300	TB1	0	0	0	0	79	48.5	2093	62	114	159	1.839	0.717	0.390	6.5	20.00
2377	40.7464	116.7249	35.2	299	TB1	0	0	0	0	81	48.4	2070	46	97	195	2.109	0.497	0.236	6.6	20.00
2378	40.7464	116.7243	-49.3	305	TB1	0	0	0	0	84	48.6	2053	53	126	133	2.377	0.947	0.398	6.6	20.00
2379	40.7464	116.7237	-112.7	309	TB1	0	0	0	0	84	48.8	2131	63	61	197	0.968	0.310	0.320	6.7	20.00
2380	40.7464	116.7231	-124.3	312	TB1	0	0	0	0	68	48.9	2401	45	175	137	3.889	1.277	0.328	6.7	20.00
2381	40.7464	116.7226	-25.9	314	TB1	0	0	0	0	77	49.0	2089	41	56	190	1.366	0.295	0.216	6.8	20.00
2382	40.7464	116.7220	63.0	314	TB1	0	0	0	0	85	48.9	2186	50	127	166	2.540	0.765	0.301	6.8	20.00
2383	40.7464	116.7214	21.2	321	TB1	0	0	0	0	78	49.2	2132	49	108	168	2.204	0.643	0.292	7.0	20.00
2384	40.7464	116.7208	-88.6	330	TB1	0	0	0	0	82	49.5	2067	58	72	162	1.241	0.444	0.358	7.2	20.00
2385	40.7464	116.7203	-186.9	343	TB1	0	0	0	0	83	49.2	2156	53	120	172	2.264	0.698	0.308	7.2	20.00
2386	40.7464	116.7197	-225.3	345	TB1	0	0	0	0	81	49.3	2170	63	51	159	0.810	0.321	0.396	7.2	20.00
2387	40.7464	116.7191	-210.1	323	TB1	0	0	0	0	76	48.6	2034	57	49	201	0.860	0.244	0.284	7.2	20.00
2388	40.7464	116.7185	-195.8	313	TB1	0	0	0	0	81	48.3	2140	41	97	185	2.366	0.524	0.222	7.2	20.00
2389	40.7464	116.7179	-190.4	314	TB1	0	0	0	0	76	48.3	1953	32	175	127	5.469	1.378	0.252	7.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2390	40.7464	116.7174	-171.0	314	TB1	0	0	1	0	80	48.3	1926	42	13	197	0.310	0.066	0.213	7.2	20.00
2391	40.7464	116.7168	-156.8	324	TB1	0	0	0	0	78	48.6	1916	41	81	162	1.976	0.500	0.253	7.2	20.00
2392	40.7464	116.7162	-179.4	329	TB1	0	0	0	0	83	48.8	1832	40	37	150	0.925	0.247	0.267	7.2	20.00
2393	40.7464	116.7156	-221.7	336	TB1	0	0	0	0	83	49.0	1904	33	113	177	3.424	0.638	0.186	7.3	20.00
2394	40.7463	116.7150	-252.8	341	TBA	0	0	0	0	66	49.2	1859	40	97	160	2.425	0.606	0.250	7.4	20.00
2395	40.7463	116.7145	-299.8	356	TBA	0	0	0	0	80	49.7	1987	44	130	97	2.955	1.340	0.454	7.5	20.00
2396	40.7463	116.7139	-390.8	367	TBA	0	0	0	0	79	50.0	1941	33	174	130	5.273	1.338	0.254	7.7	20.00
2397	40.7463	116.7133	-467.9	374	TBA	0	0	0	0	78	50.2	1960	52	136	97	2.615	1.402	0.536	7.9	20.00
2398	40.7463	116.7127	-502.9	381	TBA	0	0	0	0	82	50.4	1918	45	69	132	1.533	0.523	0.341	8.1	20.00
2399	40.7463	116.7121	-509.7	394	TBA	0	0	0	0	79	50.8	1765	39	26	147	0.667	0.177	0.265	8.1	20.00
2400	40.7463	116.7116	-456.9	417	TBA	0	0	0	0	75	51.5	1809	28	101	132	3.607	0.765	0.212	8.1	20.00
2401	40.7463	116.7110	-350.9	467	TBA	0	0	1	0	73	53.0	1661	35	25	127	0.714	0.197	0.276	8.3	20.00
2402	40.7463	116.7104	-244.6	488	TBA	0	0	0	0	80	53.5	1913	42	73	76	1.738	0.961	0.553	8.5	20.00
2403	40.7463	116.7098	-168.9	499	TBA	0	0	0	0	68	53.8	1781	39	75	99	1.923	0.758	0.394	8.6	20.00
2404	40.7463	116.7093	-120.1	547	TBA	0	0	1	0	82	55.8	1800	58	-14	142	-0.241	-0.099	0.408	8.6	20.00
2405	40.7463	116.7087	-87.2	550	TBA	0	0	1	0	74	55.8	1776	43	25	127	0.581	0.197	0.339	8.7	20.00
2406	40.7463	116.7081	-58.9	570	TBA	0	0	1	0	74	56.3	1761	41	4	147	0.098	0.027	0.279	8.7	20.00
2407	40.7463	116.7075	-31.2	546	TBA	0	0	0	0	77	55.7	1796	22	52	145	2.364	0.359	0.152	8.8	20.00
2408	40.7463	116.7069	-6.4	540	TBA	0	0	0	0	69	55.6	1686	31	96	63	3.097	1.524	0.492	8.8	20.00
2409	40.7463	116.7064	9.7	600	TBA	0	0	0	0	74	57.1	1865	39	95	72	2.436	1.319	0.542	8.9	20.00
2410	40.7463	116.7058	20.4	601	TBA	0	0	1	0	75	57.1	1975	44	1	145	0.023	0.007	0.303	9.0	20.00
2411	40.7463	116.7052	23.0	575	TBA	0	0	1	0	86	56.5	1814	37	-18	153	-0.486	-0.118	0.242	9.0	20.00
2412	40.7463	116.7046	18.6	603	TBA	0	0	0	0	74	57.2	1898	38	27	134	0.711	0.201	0.284	9.1	20.00
2413	40.7463	116.7040	5.7	599	TBA	0	0	0	0	78	57.1	1883	33	72	123	2.182	0.585	0.268	9.0	20.00
2414	40.7463	116.7035	-11.2	566	TBA	0	0	0	0	73	56.3	1887	37	75	118	2.027	0.636	0.314	9.0	20.00
2415	40.7463	116.7029	-29.2	548	TBA	0	0	0	0	69	55.8	1814	45	38	110	0.844	0.345	0.409	9.0	20.00
2416	40.7463	116.7023	-43.6	574	TBA	0	0	0	0	69	56.4	1825	38	54	101	1.421	0.535	0.376	9.0	20.00
2417	40.7463	116.7017	-49.8	596	TBA	0	0	1	0	69	57.0	1814	29	-35	191	-1.207	-0.183	0.152	8.9	20.00
2418	40.7463	116.7011	-48.5	618	TBA	0	0	1	0	71	57.5	1759	46	-7	143	-0.152	-0.049	0.322	8.9	20.00
2419	40.7463	116.7006	-46.0	626	TBA	0	0	0	0	61	57.7	1730	41	40	83	0.976	0.482	0.494	8.8	20.00
2420	40.7463	116.7000	-45.2	598	TBA	0	0	0	0	72	57.0	1609	35	62	44	1.771	1.409	0.795	8.8	20.00
2421	40.7463	116.6994	-52.3	620	TBA	0	0	1	0	81	57.6	1719	55	6	76	0.109	0.079	0.724	8.8	20.00
2422	40.7463	116.6988	-76.7	592	TBA	0	0	0	0	70	56.9	1756	35	34	132	0.971	0.258	0.265	8.8	20.00
2423	40.7463	116.6983	-126.8	501	TBA	0	0	0	0	81	57.2	1746	15	43	135	2.867	0.319	0.111	8.8	20.00
2424	40.7463	116.6977	-181.1	487	TBA	0	0	0	0	73	56.9	1853	28	105	104	3.750	1.010	0.269	8.9	20.00
2425	40.7463	116.6971	-220.6	472	TBA	0	0	0	0	80	56.4	1997	50	32	148	0.640	0.216	0.338	8.9	20.00
2426	40.7463	116.6965	-242.6	454	TBA	0	0	1	0	73	55.9	2082	46	20	213	0.435	0.094	0.216	8.9	20.00
2427	40.7463	116.6959	-252.3	439	TBA	0	0	0	0	78	55.4	2061	30	52	228	1.733	0.228	0.132	8.9	20.00
2428	40.7463	116.6954	-255.5	434	TBA	0	0	1	0	79	55.3	2103	65	24	188	0.369	0.128	0.346	9.1	20.00
2429	40.7463	116.6948	-260.3	416	TBA	0	0	0	0	81	54.7	2103	51	74	149	1.451	0.497	0.342	9.2	20.00
2430	40.7463	116.6942	-285.5	400	TBA	0	0	0	0	71	54.2	2223	61	136	119	2.230	1.143	0.513	9.1	20.00
2431	40.7463	116.6936	-325.0	389	TBA	0	0	0	0	80	53.8	2202	60	113	152	1.883	0.743	0.395	9.1	20.00
2432	40.7463	116.6930	-352.9	381	TBA	0	0	0	0	74	53.6	2222	54	72	168	1.333	0.429	0.321	9.1	20.00
2433	40.7463	116.6925	-339.9	376	TBA	0	0	0	0	74	53.4	2220	59	77	183	1.305	0.421	0.322	9.1	20.00
2434	40.7463	116.6919	-293.6	365	TBA	0	0	0	0	78	53.1	2222	50	110	185	2.200	0.595	0.270	9.2	20.00
2435	40.7463	116.6913	-269.1	350	TBA	0	0	0	0	65	52.6	2094	66	57	159	0.864	0.358	0.415	9.1	20.00
2436	40.7463	116.6907	-336.0	338	TBA	0	0	0	0	81	52.1	2136	55	127	133	2.309	0.955	0.414	9.2	20.00
2437	40.7463	116.6901	-521.5	331	TBA	0	0	0	0	79	51.9	2156	43	124	187	2.884	0.663	0.230	9.3	20.00
2438	40.7463	116.6896	-789.4	320	TBA	0	0	0	0	80	51.6	2180	62	37	196	0.597	0.189	0.316	9.4	20.00
2439	40.7463	116.6890	-997.7	311	TBA	0	0	0	0	80	51.2	2116	52	145	139	2.788	1.043	0.374	9.4	20.00
2440	40.7463	116.6884	-1020.1	303	TBA	0	0	0	0	80	51.0	2070	40	150	139	3.750	1.079	0.288	9.5	20.00
2441	40.7463	116.6878	-920.0	297	TBA	0	0	0	0	85	50.7	2066	45	97	163	2.156	0.595	0.276	9.5	20.00
2442	40.7463	116.6873	-853.9	292	TBA	0	0	0	0	70	51.2	1943	49	94	141	1.918	0.667	0.348	9.7	20.00
2443	40.7463	116.6867	-919.3	289	TBA	0	0	0	0	73	51.0	1851	46	94	114	2.043	0.825	0.404	9.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2444	40.7463	116.6861	-1049.2	289	TBA	0	0	0	0	70	51.0	1801	37	72	148	1.946	0.486	0.250	9.8	20.00
2445	40.7463	116.6855	-1106.8	293	TBA	0	0	0	0	76	51.2	1730	27	175	97	6.481	1.804	0.278	9.7	20.00
2446	40.7463	116.6849	-1070.3	306	TBA	0	0	0	0	70	51.6	1779	35	74	115	2.114	0.643	0.304	9.7	20.00
2447	40.7463	116.6844	-1031.1	315	TBA	0	0	0	0	71	52.0	1709	24	128	114	5.333	1.123	0.211	9.6	20.00
2448	40.7463	116.6838	-990.2	325	TBA	0	0	0	0	70	52.3	1631	43	32	125	0.744	0.256	0.344	9.6	20.00
2449	40.7463	116.6832	-933.5	325	TBA	0	0	0	0	79	52.3	1576	36	68	91	1.889	0.747	0.396	9.5	20.00
2450	40.7463	116.6826	-849.3	336	QA1	0	0	1	0	75	52.7	1495	20	20	128	1.000	0.156	0.156	9.5	20.00
2451	40.7463	116.6820	-752.0	390	QA1	0	0	0	0	70	54.5	1504	18	39	127	2.167	0.307	0.142	9.6	20.00
2452	40.7463	116.6815	-669.9	439	QA1	0	0	0	0	77	56.1	1481	15	31	143	2.067	0.217	0.105	9.6	20.00
2453	40.7463	116.6809	-574.4	457	QA1	0	0	1	0	72	56.6	1432	27	5	114	0.185	0.044	0.237	9.7	20.00
2454	40.7463	116.6803	-452.3	483	QA1	0	0	0	0	75	57.4	1467	28	56	85	2.000	0.659	0.329	9.9	20.00
2455	40.7463	116.6797	-352.3	500	QA1	0	0	0	0	66	57.9	1518	31	59	81	1.903	0.728	0.383	10.2	20.00
2456	40.7463	116.6791	-295.9	541	QA1	0	0	1	0	76	59.1	1693	34	16	148	0.471	0.108	0.230	10.4	20.00
2457	40.7463	116.6786	-261.4	605	QA1	0	0	0	0	76	60.8	1910	30	106	64	3.533	1.656	0.469	10.6	20.00
2458	40.7463	116.6780	-235.8	672	QA1	0	0	1	0	68	62.4	2080	41	26	177	0.634	0.147	0.232	10.7	20.00
2459	40.7463	116.6774	-215.8	709	QA1	1	0	0	0	71	63.3	2159	45	78	164	1.733	0.476	0.274	10.7	20.00
2460	40.7463	116.6768	-203.9	710	QA1	1	0	1	0	78	63.3	2307	54	21	189	0.389	0.111	0.286	10.7	20.00
2461	40.7463	116.6763	-197.8	710	QA1	1	0	1	0	75	67.1	2244	55	0	215	0.018	0.005	0.256	10.7	20.00
2462	40.7463	116.6757	-194.5	732	QA1	1	0	0	0	69	67.6	2321	33	84	170	2.545	0.494	0.194	10.8	20.00
2463	40.7463	116.6751	-195.5	743	QA1	1	0	0	0	75	67.9	2396	53	41	190	0.774	0.216	0.279	10.8	20.00
2464	40.7462	116.6745	-200.6	779	QA1	1	0	0	0	68	68.7	2381	37	124	122	3.351	1.016	0.303	10.8	20.00
2465	40.7462	116.6739	-206.9	824	QA1	1	0	1	0	77	69.7	2186	64	30	198	0.469	0.152	0.323	10.7	20.00
2466	40.7462	116.6734	-213.6	838	QA1	1	0	0	0	66	70.0	2361	63	87	148	1.381	0.588	0.426	10.7	20.00
2467	40.7462	116.6728	-218.9	847	QA1	1	0	0	0	68	70.2	2320	44	110	108	2.500	1.019	0.407	10.6	20.00
2468	40.7462	116.6722	-222.6	877	QA1	1	0	0	0	67	70.8	2490	54	64	216	1.185	0.296	0.250	10.5	20.00
2469	40.7462	116.6716	-222.4	877	QA1	1	0	0	0	80	70.8	2445	58	58	183	1.000	0.317	0.317	10.4	20.00
2470	40.7462	116.6710	-222.4	864	QA1	1	0	0	0	77	70.5	2410	56	63	186	1.125	0.339	0.301	10.3	20.00
2471	40.7462	116.6705	-219.2	811	QA1	1	0	1	0	80	69.4	2329	66	27	216	0.409	0.125	0.306	10.3	20.00
2472	40.7462	116.6699	-214.2	7[illegible]	QA1	1	0	0	0	75	68.6	2424	36	78	149	2.167	0.523	0.242	10.4	20.00
2473	40.7462	116.6693	-208.6	765	QA1	1	0	0	0	74	68.4	2474	39	80	159	2.051	0.503	0.245	10.4	20.00
2474	40.7462	116.6687	-202.0	767	QA1	1	0	0	0	68	68.4	2483	41	72	248	1.756	0.290	0.165	10.4	20.00
2475	40.7462	116.6681	-196.5	751	QA1	1	0	0	0	65	68.1	2445	52	75	209	1.442	0.359	0.249	10.3	20.00
2476	40.7462	116.6676	-191.9	717	QA1	1	0	0	0	69	67.3	2588	42	88	237	2.095	0.371	0.177	10.4	20.00
2477	40.7462	116.6670	-189.0	712	QA1	1	0	1	0	69	67.1	2472	60	23	252	0.383	0.091	0.238	10.4	20.00
2478	40.7462	116.6664	-189.9	688	QA1	0	0	0	0	79	66.6	2424	57	107	140	1.877	0.764	0.407	10.3	20.00
2479	40.7462	116.6658	-192.9	669	QA1	0	0	0	0	66	66.1	2420	51	138	123	2.706	1.122	0.415	10.1	20.00
2480	40.7462	116.6653	-196.1	658	QA1	0	0	0	0	73	67.1	2418	43	116	131	2.698	0.885	0.328	10.1	20.00
2481	40.7462	116.6647	-200.4	664	QA1	0	0	0	0	76	67.2	2393	57	117	122	2.053	0.959	0.467	10.3	20.00
2482	40.7462	116.6641	-204.9	657	QA1	0	0	0	0	73	67.1	2642	68	76	241	1.118	0.315	0.282	10.3	20.00
2483	40.7462	116.6635	-210.6	653	QA1	0	0	0	0	72	67.0	2571	81	42	201	0.519	0.209	0.403	10.4	20.00
2484	40.7462	116.6629	-213.1	655	QA1	0	0	0	0	67	67.0	2539	52	62	230	1.192	0.270	0.226	10.4	20.00
2485	40.7462	116.6624	-212.1	642	QA1	0	0	0	0	71	66.7	2549	63	85	207	1.349	0.411	0.304	10.4	20.00
2486	40.7462	116.6618	-206.3	640	QA1	0	0	0	0	68	66.6	2590	62	58	298	0.935	0.195	0.208	10.4	20.00
2487	40.7462	116.6612	-196.5	631	QA1	0	0	0	0	69	66.4	2649	64	141	218	2.203	0.647	0.294	10.4	20.00
2488	40.7462	116.6606	-185.4	624	QA1	0	0	0	0	77	66.2	2556	40	169	161	4.225	1.050	0.248	10.5	20.00
2489	40.7462	116.6600	-170.9	638	QA1	0	0	0	0	70	66.6	2539	44	139	205	3.159	0.678	0.215	10.4	20.00
2490	40.7462	116.6595	-153.9	627	QA1	0	0	0	0	64	66.3	2597	82	51	252	0.622	0.202	0.325	10.4	20.00
2491	40.7462	116.6589	-134.9	615	QA1	0	0	0	0	65	65.9	2611	57	109	224	1.912	0.487	0.254	10.4	20.00
2492	40.7462	116.6583	-112.8	601	QA1	0	0	0	0	76	65.5	2665	55	97	235	1.764	0.413	0.234	10.5	20.00
2493	40.7462	116.6577	-87.3	564	QA1	0	0	0	0	73	64.5	2556	44	99	199	2.250	0.497	0.221	10.4	20.00
2494	40.7462	116.6571	-58.7	529	QA1	0	0	0	0	67	63.5	2426	41	126	172	3.073	0.733	0.238	10.3	20.00
2495	40.7462	116.6566	-29.2	513	QA1	0	0	0	0	66	63.0	2345	62	33	208	0.532	0.159	0.298	10.3	20.00
2496	40.7462	116.6560	1.1	499	QA1	0	0	0	0	64	62.5	2245	54	88	197	1.630	0.447	0.274	10.3	20.00
2497	40.7462	116.6554	30.9	497	QA1	0	0	0	0	63	62.4	2260	66	65	160	0.985	0.406	0.413	10.3	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2498	40.7462	116.6548	56.8	496	QA1	0	0	0	0	56	62.4	2244	63	71	170	1.127	0.418	0.371	10.3	20.00
2499	40.7462	116.6543	75.7	496	QA1	0	0	1	0	67	71.6	2138	65	3	197	0.046	0.015	0.330	10.4	20.00
2500	40.7462	116.6537	86.0	496	QA1	0	0	1	0	64	71.6	2111	58	20	194	0.345	0.103	0.299	10.5	20.00
2501	40.7462	116.6531	88.5	509	QA1	0	0	0	0	71	72.1	2169	34	67	170	1.971	0.394	0.200	10.6	20.00
2502	40.7462	116.6525	85.7	542	QA1	0	0	0	0	68	73.2	2287	61	68	149	1.115	0.456	0.409	10.7	20.00
2503	40.7462	116.6519	77.2	503	QA1	0	0	0	0	66	71.9	2166	37	49	191	1.324	0.257	0.194	10.5	20.00
2504	40.7462	116.6514	66.5	490	QA1	0	0	0	0	65	71.4	2093	40	91	147	2.275	0.619	0.272	10.4	20.00
2505	40.7462	116.6508	55.3	488	QA1	0	0	0	0	68	71.3	2303	53	68	174	1.283	0.391	0.305	10.2	20.00
2506	40.7462	116.6502	45.7	487	QA1	0	0	0	0	67	71.3	2263	46	71	196	1.543	0.362	0.235	10.2	20.00
2507	40.7462	116.6496	36.8	484	QA1	0	0	0	0	58	71.2	2138	45	71	162	1.578	0.438	0.278	10.1	20.00
2508	40.7462	116.6490	30.1	473	QA1	0	0	0	0	65	70.8	2240	40	137	168	3.425	0.815	0.238	9.9	20.00
2509	40.7462	116.6485	23.6	464	QA1	0	0	0	0	66	70.5	2119	46	86	165	1.870	0.521	0.279	9.8	20.00
2510	40.7462	116.6479	17.5	458	QA1	0	0	0	0	63	70.3	2159	60	85	151	1.417	0.563	0.397	9.7	20.00
2511	40.7462	116.6473	13.1	456	QA1	0	0	0	0	64	70.2	2126	54	55	159	1.019	0.346	0.340	9.6	20.00
2512	40.7462	116.6467	5.2	460	QA1	0	0	0	0	66	70.3	2086	41	72	174	1.756	0.414	0.236	9.6	20.00
2513	40.7462	116.6462	-1.9	455	QA1	0	0	0	0	58	70.1	2199	62	40	208	0.645	0.192	0.298	9.4	20.00
2514	40.7462	116.6456	-8.6	448	QA1	0	0	0	0	73	69.9	2187	45	81	225	1.800	0.360	0.200	9.3	20.00
2515	40.7462	116.6450	-17.8	440	QA1	0	0	0	0	63	69.5	2082	51	96	144	1.882	0.667	0.354	9.3	20.00
2516	40.7462	116.6444	-26.5	435	QA1	0	0	0	0	71	69.4	2314	49	102	182	2.082	0.560	0.269	9.4	20.00
2517	40.7462	116.6438	-37.2	417	QA1	0	0	0	0	64	68.7	2254	65	77	191	1.185	0.403	0.340	9.4	20.00
2518	40.7462	116.6433	-47.2	406	QA1	0	0	0	0	64	69.8	2225	47	48	185	1.021	0.259	0.254	9.4	20.00
2519	40.7462	116.6427	-57.9	398	QA1	0	0	0	0	55	69.5	2192	62	102	153	1.645	0.667	0.405	9.5	20.00
2520	40.7462	116.6421	-67.8	390	QA1	0	0	0	0	57	69.1	2226	63	83	175	1.317	0.474	0.360	9.6	20.00
2521	40.7462	116.6415	-77.2	386	QA1	0	0	0	0	62	68.9	2186	52	39	241	0.750	0.162	0.216	9.8	20.00
2522	40.7462	116.6409	-86.4	386	QA1	0	0	0	0	60	69.0	2391	65	152	159	2.338	0.956	0.409	9.9	20.00
2523	40.7462	116.6404	-93.5	384	QA1	0	0	0	0	61	68.9	2259	56	127	150	2.268	0.847	0.373	9.8	20.00
2524	40.7462	116.6398	-100.9	384	QA1	0	0	0	0	69	68.9	2302	55	93	182	1.691	0.511	0.302	9.7	20.00
2525	40.7462	116.6392	-106.7	386	QA1	0	0	0	0	63	69.0	2288	57	151	186	2.649	0.812	0.306	9.6	20.00
2526	40.7462	116.6386	-112.4	386	QA1	0	0	0	0	59	69.0	2229	67	43	218	0.642	0.197	0.307	9.6	20.00
2527	40.7462	116.6380	-116.3	384	QA1	0	0	0	0	69	68.9	2213	70	60	164	0.857	0.366	0.427	9.6	20.00
2528	40.7462	116.6375	-119.9	384	QA1	0	0	0	0	60	68.9	2233	66	90	170	1.364	0.529	0.388	9.5	20.00
2529	40.7462	116.6369	-123.2	386	QA1	0	0	0	0	67	68.9	2112	56	57	190	1.018	0.300	0.295	9.5	20.00
2530	40.7462	116.6363	-125.8	392	QA1	0	0	0	0	67	69.2	2234	69	55	156	0.797	0.353	0.442	9.5	20.00
2531	40.7462	116.6357	-127.9	399	QA1	0	0	0	0	53	69.5	2217	62	81	161	1.306	0.503	0.385	9.5	20.00
2532	40.7462	116.6352	-129.0	401	QA1	0	0	0	0	70	69.6	2248	59	40	214	0.678	0.187	0.276	9.3	20.00
2533	40.7462	116.6346	-129.8	404	QA1	0	0	0	0	68	69.7	2109	57	116	128	2.035	0.906	0.445	9.3	20.00
2534	40.7461	116.6340	-130.2	410	QA1	0	0	0	0	81	69.9	2149	48	44	171	0.917	0.257	0.281	9.2	20.00
2535	40.7461	116.6334	-130.7	415	QA1	0	0	0	0	68	70.1	2104	60	58	164	0.967	0.354	0.366	9.3	20.00
2536	40.7461	116.6328	-130.9	414	QA1	0	0	0	0	69	70.1	2161	45	114	178	2.533	0.640	0.253	9.4	20.00
2537	40.7461	116.6323	-129.7	417	QA1	0	0	0	0	63	72.7	1996	57	29	148	0.509	0.196	0.385	9.5	20.00
2538	40.7461	116.6317	-128.4	414	QA1	0	0	1	0	63	72.6	2097	61	-5	217	-0.082	-0.023	0.281	9.6	20.00
2539	40.7461	116.6311	-127.1	404	QA1	0	0	1	0	68	72.2	2081	60	2	230	0.033	0.009	0.261	9.5	20.00
2540	40.7461	116.6305	-125.7	405	QA1	0	0	1	0	58	72.2	2007	72	5	186	0.069	0.027	0.387	9.6	20.00
2541	40.7461	116.6299	-123.4	401	QA1	0	0	0	0	62	72.0	2047	66	39	166	0.591	0.235	0.398	9.6	20.00
2542	40.7461	116.6294	-122.2	401	QA1	0	0	0	0	60	72.0	2036	58	57	126	0.983	0.452	0.460	9.7	20.00
2543	40.7461	116.6288	-120.4	399	QA1	0	0	1	0	63	71.9	2071	52	18	203	0.346	0.089	0.256	9.8	20.00
2544	40.7461	116.6282	-118.0	398	QA1	0	0	1	0	62	71.9	2158	64	19	189	0.297	0.101	0.339	10.0	20.00
2545	40.7461	116.6276	-117.6	402	QA1	0	0	0	0	60	72.1	2139	50	84	178	1.680	0.472	0.281	10.1	20.00
2546	40.7461	116.6270	-116.3	398	QA1	0	0	0	0	63	71.9	2204	57	65	180	1.140	0.361	0.317	10.2	20.00
2547	40.7461	116.6265	-115.1	397	QA1	0	0	1	0	55	71.9	2100	57	26	182	0.456	0.143	0.313	10.2	20.00
2548	40.7461	116.6259	-114.0	400	QA1	0	0	0	0	73	72.0	2110	65	53	151	0.815	0.351	0.430	10.2	20.00
2549	40.7461	116.6253	-113.4	397	QA1	0	0	0	0	63	71.9	2118	78	30	147	0.385	0.204	0.531	10.3	20.00
2550	40.7461	116.6247	-111.0	399	QA1	0	0	0	0	61	71.9	2123	51	88	183	1.725	0.481	0.279	10.3	20.00
2551	40.7461	116.6242	-111.7	393	QA1	0	0	0	0	68	71.7	2073	62	98	143	1.581	0.685	0.434	10.1	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2552	40.7461	116.6236	-111.8	392	QA1	0	0	0	0	67	71.6	2151	44	77	185	1.750	0.416	0.238	10.0	20.00
2553	40.7461	116.6230	-112.3	382	QA1	0	0	0	0	59	71.2	2203	42	106	170	2.524	0.624	0.247	9.8	20.00
2554	40.7461	116.6224	-113.0	373	QA1	0	0	1	0	64	70.8	2178	53	23	240	0.434	0.096	0.221	9.7	20.00
2555	40.7461	116.6218	-113.4	371	QA1	0	0	0	0	63	70.8	2218	62	47	220	0.758	0.214	0.282	9.7	20.00
2556	40.7461	116.6213	-113.2	374	QA1	0	0	0	0	60	63.6	2126	53	69	190	1.302	0.363	0.279	9.8	20.00
2557	40.7461	116.6207	-113.3	375	QA1	0	0	0	0	61	63.6	2196	63	68	183	1.079	0.372	0.344	9.7	20.00
2558	40.7461	116.6201	-114.5	373	QA1	0	0	0	0	67	63.5	2118	44	153	139	3.477	1.101	0.317	9.6	20.00
2559	40.7461	116.6195	-115.4	371	QA1	0	0	0	0	69	63.4	2033	29	56	213	1.931	0.263	0.136	9.7	20.00
2560	40.7461	116.6189	-116.2	373	QA1	0	0	0	0	63	63.5	2127	40	113	165	2.825	0.685	0.242	9.8	20.00
2561	40.7461	116.6184	-118.4	364	QA1	0	0	1	0	61	63.2	2190	54	26	210	0.481	0.124	0.257	9.9	20.00
2562	40.7461	116.6178	-120.4	352	QA1	0	0	0	0	60	62.7	2123	53	125	142	2.358	0.880	0.373	10.0	20.00
2563	40.7461	116.6172	-121.8	348	QA1	0	0	0	0	65	62.5	2155	46	110	200	2.391	0.550	0.230	10.0	20.00
2564	40.7461	116.6166	-123.7	343	QA1	0	0	0	0	54	62.3	2093	60	86	170	1.433	0.506	0.353	10.1	20.00
2565	40.7461	116.6160	-126.4	336	QA1	0	0	0	0	64	62.0	2150	49	121	172	2.469	0.703	0.285	10.1	20.00
2566	40.7461	116.6155	-127.8	334	QA1	0	0	0	0	59	61.9	2169	67	89	161	1.328	0.553	0.416	10.1	20.00
2567	40.7461	116.6149	-130.7	329	QA1	0	0	0	0	66	61.7	2091	54	57	179	1.056	0.318	0.302	10.1	20.00
2568	40.7461	116.6143	-133.1	328	QA1	0	0	0	0	69	61.7	2020	49	78	155	1.592	0.503	0.316	10.2	20.00
2569	40.7461	116.6137	-134.7	331	QA1	0	0	0	0	58	61.8	2111	57	80	179	1.404	0.447	0.318	10.2	20.00
2570	40.7461	116.6132	-137.5	340	QA1	0	0	1	0	71	62.2	2098	70	1	211	0.014	0.005	0.332	10.2	20.00
2571	40.7461	116.6126	-140.3	353	QA1	0	0	0	0	56	62.7	2149	52	65	180	1.250	0.361	0.289	10.3	20.00
2572	40.7461	116.6120	-141.5	363	QA1	0	0	0	0	56	63.1	2128	29	108	197	3.724	0.548	0.147	10.3	20.00
2573	40.7461	116.6114	-142.1	364	QA1	0	0	0	0	69	63.1	2023	45	74	181	1.644	0.409	0.249	10.3	20.00
2574	40.7461	116.6108	-143.5	367	QA1	0	0	0	0	62	63.3	2098	49	96	161	1.959	0.596	0.304	10.4	20.00
2575	40.7461	116.6103	-144.4	371	QA1	0	0	0	0	61	59.3	2004	63	54	163	0.857	0.331	0.387	10.5	20.00
2576	40.7461	116.6097	-144.4	377	QA1	0	0	0	0	65	59.5	2226	39	90	194	2.308	0.464	0.201	10.6	20.00
2577	40.7461	116.6091	-144.8	382	QA1	0	0	0	0	66	59.7	2100	65	57	166	0.877	0.343	0.392	10.6	20.00
2578	40.7461	116.6085	-144.6	382	QA1	0	0	0	0	60	59.7	2237	39	150	155	3.846	0.968	0.252	10.7	20.00
2579	40.7461	116.6079	-144.7	387	QA1	0	0	0	0	64	59.9	2115	51	72	174	1.412	0.414	0.293	10.9	20.00
2580	40.7461	116.6074	-144.1	389	QA1	0	0	1	0	61	59.9	2043	59	11	181	0.186	0.061	0.326	11.0	20.00
2581	40.7461	116.6068	-143.2	393	QA1	0	0	0	0	54	60.1	2075	50	37	181	0.740	0.204	0.276	10.9	20.00
2582	40.7461	116.6062	-142.2	398	QA1	0	0	0	0	63	60.3	2193	52	128	150	2.462	0.853	0.347	11.0	20.00
2583	40.7461	116.6056	-142.8	408	QA1	0	0	0	0	60	60.6	2162	46	65	206	1.413	0.316	0.223	11.1	20.00
2584	40.7461	116.6050	-142.6	416	QA1	0	0	0	0	69	60.9	2124	49	43	176	0.878	0.244	0.278	11.1	20.00
2585	40.7461	116.6045	-142.8	408	QA1	0	0	0	0	59	60.6	2157	50	62	173	1.240	0.358	0.289	11.1	20.00
2586	40.7461	116.6039	-142.2	406	QA1	0	0	0	0	65	60.6	2196	54	98	186	1.815	0.527	0.290	11.1	20.00
2587	40.7461	116.6033	-142.6	401	QA1	0	0	0	0	65	60.4	2121	57	57	184	1.000	0.310	0.310	10.9	20.00
2588	40.7461	116.6027	-143.0	394	QA1	0	0	0	0	67	60.1	2108	55	41	180	0.745	0.228	0.306	10.7	20.00
2589	40.7461	116.6022	-142.7	386	QA1	0	0	0	0	62	59.8	2285	41	105	196	2.561	0.536	0.209	10.6	20.00
2590	40.7461	116.6016	-143.3	384	QA1	0	0	0	0	60	59.8	2226	48	126	140	2.625	0.900	0.343	10.6	20.00
2591	40.7461	116.6010	-144.0	383	QA1	0	0	0	0	64	59.7	2120	46	67	182	1.457	0.368	0.253	10.5	20.00
2592	40.7461	116.6004	-144.6	386	QA1	0	0	0	0	67	59.8	2117	56	101	152	1.804	0.664	0.368	10.6	20.00
2593	40.7461	116.5998	-144.9	394	QA1	0	0	0	0	68	60.1	2108	67	86	174	1.284	0.494	0.385	10.5	20.00
2594	40.7461	116.5993	-146.2	403	QA1	0	0	0	0	62	55.9	2163	61	76	188	1.246	0.404	0.324	10.3	20.00
2595	40.7461	116.5987	-148.8	403	QA1	0	0	0	0	71	55.9	2184	59	118	167	2.000	0.707	0.353	10.0	20.00
2596	40.7461	116.5981	-150.5	395	QA1	0	0	0	0	57	55.6	2152	42	90	186	2.143	0.484	0.226	9.8	20.00
2597	40.7461	116.5975	-153.2	392	QA1	0	0	0	0	55	55.5	2142	48	97	194	2.021	0.500	0.247	9.8	20.00
2598	40.7461	116.5969	-155.5	393	QA1	0	0	0	0	63	55.6	2089	61	56	177	0.918	0.316	0.345	9.8	20.00
2599	40.7461	116.5964	-159.1	394	QA1	0	0	0	0	63	55.6	2122	64	48	178	0.750	0.270	0.360	9.8	20.00
2600	40.7461	116.5958	-161.5	394	QA1	0	0	0	0	63	55.6	2145	55	60	191	1.091	0.314	0.288	9.8	20.00
2601	40.7461	116.5952	-164.7	382	QA1	0	0	0	0	59	55.2	2084	53	102	155	1.925	0.658	0.342	9.7	20.00
2602	40.7461	116.5946	-167.4	374	QA2	0	0	0	0	71	54.9	2154	30	85	224	2.833	0.379	0.134	9.7	20.00
2603	40.7461	116.5940	-170.6	366	QA2	0	0	0	0	71	54.7	2162	74	34	180	0.459	0.189	0.411	9.7	20.00
2604	40.7460	116.5935	-174.1	356	QA2	0	0	0	0	62	54.3	2131	41	110	187	2.683	0.588	0.219	9.7	20.00
2605	40.7460	116.5929	-176.0	352	QA2	0	0	0	0	68	54.2	2163	56	55	198	0.982	0.278	0.283	9.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2606	40.7460	116.5923	-178.2	345	QA2	0	0	0	0	63	53.9	2084	44	132	155	3.000	0.852	0.284	9.7	20.00
2607	40.7460	116.5917	-180.9	339	QA2	0	0	0	0	63	53.8	2211	48	108	188	2.250	0.574	0.255	9.5	20.00
2608	40.7460	116.5912	-182.8	332	QA2	0	0	0	0	62	53.5	2102	71	79	161	1.113	0.491	0.441	9.5	20.00
2609	40.7460	116.5906	-184.7	328	QA2	0	0	0	0	65	53.4	2119	40	76	210	1.900	0.362	0.190	9.5	20.00
2610	40.7460	116.5900	-185.8	331	QA2	0	0	0	0	60	53.4	2152	55	84	169	1.527	0.497	0.325	9.4	20.00
2611	40.7460	116.5894	-186.1	337	QA2	0	0	0	0	60	53.7	2252	50	83	211	1.660	0.393	0.237	9.2	20.00
2612	40.7460	116.5888	-186.2	347	QA2	0	0	0	0	61	54.0	2195	59	54	202	0.915	0.267	0.292	9.2	20.00
2613	40.7460	116.5883	-187.3	349	QA2	0	0	0	0	61	55.0	2108	53	108	166	2.038	0.651	0.319	9.2	20.00
2614	40.7460	116.5877	-186.9	351	QA2	0	0	0	0	68	55.1	2206	55	108	157	1.964	0.688	0.350	9.2	20.00
2615	40.7460	116.5871	-187.7	356	QA2	0	0	0	0	68	55.3	2190	34	110	184	3.235	0.598	0.185	9.3	20.00
2616	40.7460	116.5865	-187.0	360	QA2	0	0	0	0	71	55.4	2129	58	50	193	0.862	0.259	0.301	9.2	20.00
2617	40.7460	116.5859	-187.4	361	QA2	0	0	0	0	63	55.5	2177	48	104	196	2.167	0.531	0.245	9.0	20.00
2618	40.7460	116.5854	-187.3	364	QA2	0	0	0	0	55	55.6	1992	66	113	119	1.712	0.950	0.555	8.9	20.00
2619	40.7460	116.5848	-187.1	370	QA2	0	0	0	0	65	55.8	2086	51	137	148	2.686	0.926	0.345	8.8	20.00
2620	40.7460	116.5842	-186.7	375	QA2	0	0	0	0	61	55.9	2183	44	110	185	2.500	0.595	0.238	8.8	20.00
2621	40.7460	116.5836	-186.7	384	QA2	0	0	0	0	67	56.2	2193	61	39	207	0.639	0.188	0.295	8.7	20.00
2622	40.7460	116.5831	-186.8	392	QA2	0	0	1	0	59	56.5	2242	59	18	229	0.305	0.079	0.258	8.7	20.00
2623	40.7460	116.5825	-186.9	387	QA2	0	0	0	0	68	56.4	2192	65	31	170	0.477	0.182	0.382	8.5	20.00
2624	40.7460	116.5819	-186.4	381	QA2	0	0	0	0	69	56.1	2193	60	51	205	0.850	0.249	0.293	8.5	20.00
2625	40.7460	116.5813	-186.0	376	QA2	0	0	0	0	72	56.0	2090	47	81	184	1.723	0.440	0.255	8.5	20.00
2626	40.7460	116.5807	-186.2	372	QA2	0	0	0	0	60	55.9	2082	61	64	167	1.049	0.383	0.365	8.4	20.00
2627	40.7460	116.5802	-185.1	371	QA2	0	0	0	0	63	55.8	2185	51	120	164	2.353	0.732	0.311	8.4	20.00
2628	40.7460	116.5796	-185.2	377	QA2	0	0	0	0	69	56.0	2166	42	104	183	2.476	0.568	0.230	8.4	20.00
2629	40.7460	116.5790	-184.7	383	QA2	0	0	1	0	70	56.2	2186	64	24	210	0.375	0.114	0.305	8.4	20.00
2630	40.7460	116.5784	-185.3	386	QA2	0	0	0	0	64	56.3	2078	52	47	209	0.904	0.225	0.249	8.2	20.00
2631	40.7460	116.5778	-186.2	385	QA2	0	0	0	0	79	56.3	2047	50	66	176	1.320	0.375	0.284	8.2	20.00
2632	40.7460	116.5773	-186.3	386	QA2	0	0	0	0	64	60.0	2184	43	139	184	3.233	0.755	0.234	8.2	20.00
2633	40.7460	116.5767	-187.2	383	QA2	0	0	0	0	67	59.8	2157	46	84	179	1.826	0.469	0.257	8.1	20.00
2634	40.7460	116.5761	-188.6	379	QA2	0	0	0	0	69	59.7	2071	74	42	163	0.568	0.258	0.454	8.1	20.00
2635	40.7460	116.5755	-190.3	380	QA2	0	0	0	0	63	59.7	2119	49	48	188	0.980	0.255	0.261	8.1	20.00
2636	40.7460	116.5749	-192.2	374	QA2	0	0	0	0	64	59.5	2041	53	76	167	1.434	0.455	0.317	8.1	20.00
2637	40.7460	116.5744	-194.3	369	QA2	0	0	0	0	57	59.3	2167	53	116	143	2.189	0.811	0.371	8.0	20.00
2638	40.7460	116.5738	-197.0	364	QA2	0	0	0	0	62	59.2	2087	50	87	203	1.740	0.429	0.246	8.0	20.00
2639	40.7460	116.5732	-199.2	360	QA2	0	0	0	0	60	59.0	2201	63	48	215	0.762	0.223	0.293	8.0	20.00
2640	40.7460	116.5726	-201.5	361	QA2	0	0	0	0	65	59.0	2230	52	84	238	1.615	0.353	0.218	8.1	20.00
2641	40.7460	116.5721	-204.9	361	QA2	0	0	1	0	74	59.1	2223	61	18	241	0.295	0.075	0.253	8.1	20.00
2642	40.7460	116.5715	-208.0	364	QA2	0	0	0	0	69	59.2	2119	47	91	156	1.936	0.583	0.301	8.1	20.00
2643	40.7460	116.5709	-211.1	364	QA2	0	0	0	0	62	59.2	2016	54	108	142	2.000	0.761	0.380	8.0	20.00
2644	40.7460	116.5703	-214.2	364	QA2	0	0	0	0	65	59.1	1938	49	134	128	2.735	1.047	0.383	8.1	20.00
2645	40.7460	116.5697	-217.4	366	QA2	0	0	0	0	66	59.2	2059	39	114	181	2.923	0.630	0.215	8.1	20.00
2646	40.7460	116.5692	-220.0	367	QA2	0	0	0	0	62	59.3	1959	47	61	148	1.298	0.412	0.318	8.1	20.00
2647	40.7460	116.5686	-221.9	365	QA2	0	0	0	0	74	59.2	2023	45	47	203	1.044	0.232	0.222	8.1	20.00
2648	40.7460	116.5680	-224.0	362	QA2	0	0	0	0	60	59.1	1940	46	60	182	1.304	0.330	0.253	8.1	20.00
2649	40.7460	116.5674	-225.1	363	QA2	0	0	0	0	61	59.1	2036	61	50	178	0.820	0.281	0.343	8.1	20.00
2650	40.7460	116.5668	-224.7	364	QA2	0	0	0	0	65	59.2	2026	42	35	213	0.833	0.164	0.197	8.1	20.00
2651	40.7460	116.5663	-225.9	364	QA2	0	0	0	0	58	63.3	2006	40	46	202	1.150	0.228	0.198	8.0	20.00
2652	40.7460	116.5657	-226.0	361	QA2	0	0	0	0	57	63.3	2031	42	107	166	2.548	0.645	0.253	8.0	20.00
2653	40.7460	116.5651	-227.4	359	QA2	0	0	0	0	64	63.2	1998	44	113	143	2.568	0.790	0.308	8.0	20.00
2654	40.7460	116.5645	-228.3	361	QA2	0	0	0	0	71	63.3	2086	69	105	127	1.522	0.827	0.543	8.1	20.00
2655	40.7460	116.5639	-229.1	360	QA2	0	0	0	0	67	63.2	2074	57	35	206	0.614	0.170	0.277	8.2	20.00
2656	40.7460	116.5634	-230.3	359	QA2	0	0	1	0	70	63.2	1997	53	14	183	0.264	0.077	0.290	8.3	20.00
2657	40.7460	116.5628	-231.9	361	QA2	0	0	0	0	55	63.3	2089	55	112	147	2.036	0.762	0.374	8.4	20.00
2658	40.7460	116.5622	-232.7	368	QA2	0	0	0	0	59	63.5	1977	54	53	161	0.981	0.329	0.335	8.4	20.00
2659	40.7460	116.5616	-233.8	372	QA2	0	0	0	0	67	63.7	2149	69	73	162	1.058	0.451	0.426	8.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2660	40.7460	116.5611	-234.9	371	QA2	0	0	0	0	62	63.7	2046	49	103	193	2.102	0.534	0.254	8.4	20.00
2661	40.7460	116.5605	-237.8	369	QA2	0	0	0	0	70	63.6	2039	52	72	184	1.385	0.391	0.283	8.4	20.00
2662	40.7460	116.5599	-238.9	370	QA2	0	0	0	0	62	63.6	2169	40	77	208	1.925	0.370	0.192	8.5	20.00
2663	40.7460	116.5593	-240.2	378	QA2	0	0	0	0	62	63.9	2190	57	83	174	1.456	0.477	0.328	8.5	20.00
2664	40.7460	116.5587	-240.8	386	QA2	0	0	0	0	66	64.2	2268	40	156	205	3.900	0.761	0.195	8.4	20.00
2665	40.7460	116.5582	-241.6	394	QA2	0	0	0	0	55	64.5	2242	62	59	225	0.952	0.262	0.276	8.3	20.00
2666	40.7460	116.5576	-242.7	394	QA2	0	0	0	0	66	64.5	2257	68	39	204	0.574	0.191	0.333	8.3	20.00
2667	40.7460	116.5570	-242.6	392	QA2	0	0	0	0	63	64.4	2241	39	239	133	6.128	1.797	0.293	8.4	20.00
2668	40.7460	116.5564	-243.5	396	QA2	0	0	0	0	60	64.6	2209	51	143	143	2.804	1.000	0.357	8.6	20.00
2669	40.7460	116.5558	-244.1	401	QA2	0	0	1	0	57	64.8	2303	64	-10	247	-0.156	-0.040	0.25.	8.6	20.00
2670	40.7460	116.5553	-243.9	402	QA2	0	0	0	0	59	69.0	2263	59	63	198	1.068	0.318	0.298	8.5	20.00
2671	40.7460	116.5547	-244.3	401	QA2	0	0	0	0	68	68.9	2288	40	171	180	4.275	0.950	0.222	8.6	20.00
2672	40.7460	116.5541	-245.2	394	QA2	0	0	0	0	66	68.6	2239	62	56	203	0.903	0.276	0.305	8.5	20.00
2673	40.7460	116.5535	-245.7	385	QA2	0	0	0	0	66	68.3	2202	50	84	166	1.680	0.506	0.301	8.5	20.00
2674	40.7460	116.5529	-246.1	378	QA2	0	0	0	0	70	68.0	2169	48	79	186	1.646	0.425	0.258	8.5	20.00
2675	40.7459	116.5524	-246.3	365	QA2	0	0	0	0	64	67.4	2079	61	57	183	0.934	0.311	0.333	8.4	20.00
2676	40.7459	116.5518	-246.3	354	QA2	0	0	0	0	53	66.9	2100	60	48	166	0.800	0.289	0.361	8.4	20.00
2677	40.7459	116.5512	-245.3	344	QA2	0	0	0	0	59	66.5	2045	61	51	177	0.836	0.288	0.345	8.4	20.00
2678	40.7459	116.5506	-245.9	341	QA2	0	0	1	0	71	66.4	2045	53	27	203	0.509	0.133	0.261	8.4	20.00
2679	40.7459	116.5501	-244.6	341	QA2	0	0	0	0	60	66.4	2106	45	58	218	1.289	0.266	0.206	8.4	20.00
2680	40.7459	116.5495	-244.0	332	QA2	0	0	0	0	63	66.0	2045	49	91	171	1.857	0.532	0.287	8.3	20.00
2681	40.7459	116.5489	-243.1	329	QA2	0	0	0	0	66	65.9	1991	37	92	147	2.486	0.626	0.252	8.4	20.00
2682	40.7459	116.5483	-241.3	329	QA2	0	0	0	0	64	65.9	2026	49	78	165	1.592	0.473	0.297	8.5	20.00
2683	40.7459	116.5477	-239.8	335	QA2	0	0	0	0	72	66.1	2154	39	115	134	2.949	0.858	0.291	8.6	20.00
2684	40.7459	116.5472	-238.2	341	QA2	0	0	0	0	65	66.4	2112	62	66	178	1.065	0.371	0.348	8.6	20.00
2685	40.7459	116.5466	-236.9	355	QA2	0	0	0	0	63	67.0	2064	41	114	167	2.780	0.683	0.246	8.6	20.00
2686	40.7459	116.5460	-235.9	373	QA2	0	0	0	0	60	67.7	2093	45	98	166	2.178	0.590	0.271	8.5	20.00
2687	40.7459	116.5454	-234.4	390	QA2	0	0	0	0	71	68.5	2036	57	39	169	0.684	0.231	0.337	8.5	20.00
2688	40.7459	116.5448	-233.1	414	QA2	0	0	0	0	57	69.4	2075	43	68	158	1.581	0.430	0.272	8.5	20.00
2689	40.7459	116.5443	-232.3	429	QA2	0	0	0	0	62	71.4	2048	52	50	177	0.962	0.282	0.294	8.6	20.00
2690	40.7459	116.5437	-231.0	426	QA2	0	0	0	0	69	71.2	2091	41	87	159	2.122	0.547	0.258	8.7	20.00
2691	40.7459	116.5431	-230.9	416	QA2	0	0	1	0	64	70.8	2031	54	7	156	0.130	0.045	0.346	8.8	20.00
2692	40.7459	116.5425	-231.1	409	QA2	0	0	0	0	72	70.5	2059	50	39	172	0.780	0.227	0.291	8.8	20.00
2693	40.7459	116.5419	-230.0	403	QA2	0	0	0	0	58	70.3	2074	53	79	169	1.491	0.467	0.314	8.8	20.00
2694	40.7459	116.5414	-230.7	395	QA2	0	0	0	0	60	69.9	2043	61	32	141	0.525	0.227	0.433	9.0	20.00
2695	40.7459	116.5408	-231.4	389	QA2	0	0	0	0	63	69.7	1997	57	83	141	1.456	0.589	0.404	9.1	20.00
2696	40.7459	116.5402	-231.3	389	QA2	0	0	0	0	62	69.7	2061	45	49	187	1.089	0.262	0.241	9.2	20.00
2697	40.7459	116.5396	-232.4	389	QA2	0	0	0	0	65	69.7	2093	60	59	143	0.983	0.413	0.420	9.3	20.00
2698	40.7459	116.5391	-232.5	392	QA2	0	0	1	0	66	69.8	2105	68	15	184	0.221	0.082	0.370	9.5	20.00
2699	40.7459	116.5385	-233.3	392	QA2	0	0	0	0	69	69.8	2045	46	82	175	1.793	0.469	0.263	9.8	20.00
2700	40.7459	116.5379	-233.7	395	QA2	0	0	0	0	64	69.9	2079	47	63	154	1.340	0.409	0.305	10.0	20.00
2701	40.7459	116.5373	-233.8	394	QA2	0	0	0	0	80	69.9	2146	41	54	206	1.317	0.262	0.199	10.3	20.00
2702	40.7459	116.5367	-232.7	399	QA2	0	0	0	0	72	70.1	2123	64	48	172	0.750	0.279	0.372	10.5	20.00
2703	40.7459	116.5362	-232.3	402	QA2	0	0	0	0	68	70.2	2149	53	46	181	0.868	0.254	0.293	10.7	20.00
2704	40.7459	116.5356	-232.3	412	QA2	0	0	1	0	70	70.6	2095	65	-3	174	-0.046	-0.017	0.374	10.8	20.00
2705	40.7459	116.5350	-231.1	421	QA2	0	0	0	0	64	71.0	2056	33	85	162	2.576	0.525	0.204	10.9	20.00
2706	40.7459	116.5344	-229.7	423	QA2	0	0	0	0	70	71.1	2143	44	107	129	2.432	0.829	0.341	10.9	20.00
2707	40.7459	116.5338	-231.2	411	QA2	0	0	0	0	61	70.6	2185	62	53	168	0.855	0.315	0.369	10.8	20.00
2708	40.7459	116.5333	-230.1	404	QA2	0	0	0	0	66	72.4	2164	50	37	216	0.740	0.171	0.231	11.0	20.00
2709	40.7459	116.5327	-228.5	405	QA2	0	0	0	0	71	72.4	2098	53	66	168	1.245	0.393	0.315	11.0	20.00
2710	40.7459	116.5321	-227.0	413	QA2	0	0	0	0	64	72.8	2245	57	104	163	1.825	0.638	0.350	11.1	20.00
2711	40.7459	116.5315	-227.3	397	QA2	0	0	0	0	60	72.1	2169	53	39	190	0.736	0.205	0.279	11.1	20.00
2712	40.7459	116.5310	-226.3	387	QA2	0	0	0	0	63	71.7	2215	53	78	165	1.472	0.473	0.321	11.1	20.00
2713	40.7459	116.5304	-225.7	379	QA2	0	0	0	0	66	71.3	2109	66	56	184	0.848	0.304	0.359	11.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2714	40.7459	116.5298	-224.8	378	QA2	0	0	0	0	69	71.3	2157	53	137	143	2.585	0.958	0.371	11.3	20.00
2715	40.7459	116.5292	-225.2	381	QA2	0	0	0	0	70	71.4	2250	63	67	194	1.063	0.345	0.325	11.7	20.00
2716	40.7459	116.5286	-225.8	385	QA2	0	0	0	0	62	71.6	2193	43	39	218	0.907	0.179	0.197	11.9	20.00
2717	40.7459	116.5281	-226.7	382	QA2	0	0	0	0	73	71.4	2178	59	78	189	1.322	0.413	0.312	12.1	20.00
2718	40.7459	116.5275	-227.1	382	QA2	0	0	0	0	61	71.5	2341	46	76	223	1.652	0.341	0.206	12.3	20.00
2719	40.7459	116.5269	-229.1	387	QA2	0	0	0	0	57	71.7	2170	68	64	183	0.941	0.350	0.372	12.5	20.00
2720	40.7459	116.5263	-231.2	396	QA2	0	0	0	0	72	72.1	2259	53	31	206	0.585	0.150	0.257	12.8	20.00
2721	40.7459	116.5257	-232.5	399	QA2	0	0	0	0	63	72.2	2182	54	98	175	1.815	0.560	0.309	13.0	20.00
2722	40.7459	116.5252	-234.6	404	QA2	0	0	0	0	63	72.4	2345	59	119	192	2.017	0.620	0.307	13.1	20.00
2723	40.7459	116.5246	-235.4	418	QA2	0	0	0	0	67	73.0	2410	50	76	234	1.520	0.325	0.214	13.1	20.00
2724	40.7459	116.5240	-235.0	417	QA2	0	0	0	0	65	73.0	2401	63	70	198	1.111	0.354	0.318	13.2	20.00
2725	40.7459	116.5234	-235.0	406	QA2	0	0	0	0	70	72.5	2480	56	84	234	1.500	0.359	0.239	13.3	20.00
2726	40.7459	116.5228	-235.4	401	QA2	0	0	0	0	51	72.3	2355	62	87	180	1.403	0.483	0.344	13.3	20.00
2727	40.7459	116.5223	-238.3	396	QA2	0	0	0	0	68	75.7	2369	61	50	223	0.820	0.224	0.274	13.3	20.00
2728	40.7459	116.5217	-240.5	390	QA2	0	0	0	0	68	75.4	2372	57	47	213	0.825	0.221	0.268	13.3	20.00
2729	40.7459	116.5211	-243.1	389	QA2	0	0	0	0	64	75.4	2336	62	90	179	1.452	0.503	0.346	13.3	20.00
2730	40.7459	116.5205	-244.5	385	QA2	0	0	0	0	62	75.2	2326	61	45	235	0.738	0.191	0.260	13.4	20.00
2731	40.7459	116.5200	-244.6	386	QA2	0	0	0	0	63	75.2	2305	63	130	164	2.063	0.793	0.384	13.7	20.00
2732	40.7459	116.5194	-245.2	387	QA2	0	0	0	0	69	75.3	2412	79	38	192	0.481	0.198	0.411	13.9	20.00
2733	40.7459	116.5188	-244.7	383	QA2	0	0	0	0	64	75.1	2341	58	125	179	2.155	0.698	0.324	13.9	20.00
2734	40.7459	116.5182	-244.9	373	QA2	0	0	0	0	65	74.7	2330	47	138	225	2.936	0.613	0.209	14.0	20.00
2735	40.7459	116.5176	-244.3	366	QA2	0	0	0	0	72	74.3	2310	57	113	186	1.982	0.608	0.306	14.0	20.00
2736	40.7459	116.5171	-243.8	355	QA2	0	0	0	0	57	73.8	2355	82	49	183	0.598	0.268	0.448	14.1	20.00
2737	40.7459	116.5165	-242.4	349	QA2	0	0	0	0	67	73.5	2284	65	151	156	2.323	0.968	0.417	14.2	20.00
2738	40.7459	116.5159	-242.5	354	QA2	0	0	0	0	63	73.7	2421	49	120	218	2.449	0.550	0.225	14.3	20.00
2739	40.7459	116.5153	-241.8	361	QA2	0	0	0	0	72	74.1	2379	69	93	182	1.348	0.511	0.379	14.3	20.00
2740	40.7459	116.5147	-240.9	370	QA2	0	0	0	0	57	74.5	2374	49	144	192	2.939	0.750	0.255	14.3	20.00
2741	40.7459	116.5142	-240.2	377	QA2	0	0	0	0	67	74.8	2400	57	59	262	1.035	0.225	0.218	14.2	20.00
2742	40.7459	116.5136	-238.8	384	QA2	0	0	0	0	62	75.1	2432	59	124	168	2.102	0.738	0.351	14.1	20.00
2743	40.7459	116.5130	-237.6	391	QA2	0	0	0	0	57	75.4	2397	68	99	218	1.456	0.454	0.312	14.1	20.00
2744	40.7459	116.5124	-236.8	405	QA2	0	0	0	0	67	76.1	2497	63	58	216	0.921	0.269	0.292	14.1	20.00
2745	40.7458	116.5118	-235.7	412	QA2	0	0	0	0	60	76.4	2426	60	126	168	2.100	0.750	0.357	14.0	20.00
2746	40.7458	116.5113	-235.8	413	QA2	0	0	0	0	63	76.1	2287	56	73	171	1.304	0.427	0.327	13.9	20.00
2747	40.7458	116.5107	-234.8	423	QA2	0	0	0	0	60	76.6	2413	64	104	170	1.625	0.612	0.376	13.8	20.00
2748	40.7458	116.5101	-235.8	435	QA2	0	0	0	0	64	77.1	2427	73	38	240	0.521	0.158	0.304	13.7	20.00
2749	40.7458	116.5095	-236.4	442	QA2	0	0	0	0	71	77.4	2443	54	81	207	1.500	0.391	0.261	13.8	20.00
2750	40.7458	116.5090	-239.1	438	QA2	0	0	0	0	65	77.2	2462	68	106	188	1.559	0.564	0.362	13.7	20.00
2751	40.7458	116.5084	-235.9	441	QA2	0	0	0	0	66	77.3	2339	55	82	159	1.491	0.516	0.346	13.7	20.00
2752	40.7458	116.5078	-235.2	450	QA2	0	0	1	0	64	77.7	2382	75	29	189	0.387	0.153	0.397	13.6	20.00
2753	40.7458	116.5072	-236.0	456	QA2	0	0	0	0	71	78.0	2417	57	100	203	1.754	0.493	0.281	13.5	20.00
2754	40.7458	116.5066	-236.0	449	QA2	0	0	0	0	63	77.7	2415	73	41	210	0.562	0.195	0.348	13.3	20.00
2755	40.7458	116.5061	-236.9	440	QA2	0	0	0	0	57	77.3	2368	57	117	191	2.053	0.613	0.298	13.1	20.00
2756	40.7458	116.5055	-236.8	445	QA2	0	0	0	0	70	77.5	2470	56	52	223	0.929	0.233	0.251	12.9	20.00
2757	40.7458	116.5049	-236.8	450	QA2	0	0	0	0	68	77.7	2522	72	66	210	0.917	0.314	0.343	12.9	20.00
2758	40.7458	116.5043	-236.8	436	QA2	0	0	0	0	65	77.1	2413	69	81	189	1.174	0.429	0.365	12.8	20.00
2759	40.7458	116.5037	-236.1	419	QA2	0	0	0	0	56	76.4	2459	64	126	195	1.969	0.646	0.328	12.7	20.00
2760	40.7458	116.5032	-236.3	408	QA2	0	0	0	0	54	75.9	2404	66	154	162	2.333	0.951	0.407	12.8	20.00
2761	40.7458	116.5026	-236.2	400	QA2	0	0	0	0	69	75.6	2354	45	87	224	1.933	0.388	0.201	12.9	20.00
2762	40.7458	116.5020	-236.4	397	QA2	0	0	0	0	62	75.4	2382	79	67	190	0.848	0.353	0.416	12.9	20.00
2763	40.7458	116.5014	-235.0	396	QA2	0	0	0	0	56	75.4	2460	60	97	250	1.617	0.388	0.240	12.9	20.00
2764	40.7458	116.5008	-232.6	398	QA2	0	0	0	0	61	75.5	2374	43	164	185	3.814	0.886	0.232	13.1	20.00
2765	40.7458	116.5003	-233.5	402	QA2	0	0	0	0	67	66.0	2486	73	89	197	1.219	0.452	0.371	13.0	20.00
2766	40.7458	116.4997	-233.4	393	QA2	0	0	0	0	63	65.7	2371	57	86	265	1.509	0.325	0.215	12.7	20.00
2767	40.7458	116.4991	-233.4	388	QA2	0	0	0	0	64	65.5	2335	43	176	188	4.093	0.936	0.229	12.5	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2768	40.7458	116.4985	-231.2	390	QA2	0	0	0	0	73	65.5	2368	45	89	259	1.978	0.344	0.174	12.3	20.00
2769	40.7458	116.4980	-230.6	383	QA2	0	0	0	0	65	65.3	2239	33	146	234	4.424	0.624	0.141	12.1	20.00
2770	40.7458	116.4974	-230.8	381	QA2	0	0	0	0	63	65.2	2315	49	156	203	3.184	0.768	0.241	11.9	20.00
2771	40.7458	116.4968	-231.1	388	QA2	0	0	0	0	65	65.5	2319	30	129	237	4.300	0.544	0.127	11.7	20.00
2772	40.7458	116.4962	-232.5	389	QA2	0	0	0	0	60	65.5	2280	36	142	208	3.944	0.683	0.173	11.6	20.00
2773	40.7458	116.4956	-232.1	388	QA2	0	0	0	0	65	65.5	2310	32	114	221	3.563	0.516	0.145	11.6	20.00
2774	40.7458	116.4949	-233.0	387	QA2	0	0	0	0	66	65.4	2165	42	96	196	2.286	0.490	0.214	11.6	20.00
2775	40.7458	116.4943	-232.9	392	QA2	0	0	0	0	64	65.6	2044	28	120	183	4.286	0.656	0.153	11.6	20.00
2776	40.7458	116.4936	-233.0	395	QA2	0	0	0	0	65	65.7	2042	36	97	191	2.694	0.508	0.188	11.7	20.00
2777	40.7458	116.4930	-234.1	397	QA2	0	0	0	0	67	65.8	1983	39	60	201	1.538	0.299	0.194	11.7	20.00
2778	40.7458	116.4924	-234.5	398	QA2	0	0	0	0	66	65.9	2051	43	78	171	1.814	0.456	0.251	11.8	20.00
2779	40.7458	116.4917	-235.5	406	QA2	0	0	0	0	65	66.2	2094	43	54	223	1.256	0.242	0.193	11.8	20.00
2780	40.7458	116.4911	-235.8	415	QA2	0	0	0	0	66	66.5	2136	43	122	143	2.837	0.853	0.301	11.7	20.00
2781	40.7458	116.4904	-236.0	408	QA2	0	0	0	0	69	66.3	2362	43	73	225	1.698	0.324	0.191	11.8	20.00
2782	40.7458	116.4898	-234.5	393	QA2	0	0	0	0	66	65.7	2330	41	161	160	3.927	1.006	0.256	11.7	20.00
2783	40.7458	116.4892	-233.3	384	QA2	0	0	0	0	64	65.3	2311	50	139	180	2.780	0.772	0.278	11.7	20.00
2784	40.7458	116.4885	-231.7	380	QA2	0	0	0	0	52	64.4	2390	68	93	206	1.368	0.451	0.330	11.9	20.00
2785	40.7457	116.4879	-229.8	377	QA2	0	0	0	0	64	64.3	2312	60	136	174	2.267	0.782	0.345	12.0	20.00
2786	40.7457	116.4872	-228.2	376	QA2	0	0	0	0	55	64.2	2348	61	120	182	1.967	0.659	0.335	12.0	20.00
2787	40.7457	116.4866	-227.6	376	QA2	0	0	0	0	61	64.2	2395	58	135	204	2.328	0.662	0.284	11.9	20.00
2788	40.7457	116.4859	-225.7	380	QA2	0	0	0	0	66	64.4	2463	58	72	227	1.241	0.317	0.256	11.8	20.00
2789	40.7457	116.4853	-224.8	381	QA2	0	0	0	0	63	64.5	2380	48	135	183	2.813	0.738	0.262	11.8	20.00
2790	40.7457	116.4847	-223.2	388	QA2	0	0	0	0	67	64.7	2338	60	96	190	1.600	0.505	0.316	11.9	20.00
2791	40.7457	116.4840	-221.5	393	QA2	0	0	0	0	70	64.9	2295	61	74	223	1.213	0.332	0.274	11.9	20.00
2792	40.7457	116.4834	-219.4	397	QA2	0	0	0	0	61	65.1	2217	69	41	214	0.594	0.192	0.322	11.9	20.00
2793	40.7457	116.4827	-217.7	403	QA2	0	0	1	0	59	65.3	2300	77	6	226	0.078	0.027	0.341	11.9	20.00
2794	40.7457	116.4821	-216.5	409	QA2	0	0	1	0	66	65.5	2257	49	0	280	0.020	0.004	0.175	12.0	20.00
2795	40.7457	116.4815	-215.6	416	QA2	0	0	0	0	66	65.8	2245	41	121	184	2.951	0.658	0.223	12.0	20.00
2796	40.7457	116.4808	-213.4	422	QA2	0	0	0	0	62	66.0	2265	45	58	238	1.289	0.244	0.189	11.9	20.00
2797	40.7457	116.4802	-213.2	433	QA2	0	0	0	0	61	66.4	2220	43	40	222	0.930	0.180	0.194	11.9	20.00
2798	40.7457	116.4795	-212.0	445	QA2	0	0	0	0	68	66.9	2230	47	74	185	1.574	0.400	0.254	12.0	20.00
2799	40.7457	116.4789	-209.9	448	QA2	0	0	0	0	64	67.0	2296	33	97	229	2.939	0.424	0.144	12.2	20.00
2800	40.7457	116.4783	-208.6	439	QA2	0	0	0	0	66	66.7	2273	57	71	220	1.246	0.323	0.259	12.2	20.00
2801	40.7457	116.4776	-207.5	437	QA2	0	0	0	0	67	66.5	2341	43	144	173	3.349	0.832	0.249	12.3	20.00
2802	40.7457	116.4770	-206.1	439	QA2	0	0	0	0	63	66.6	2359	41	192	142	4.683	1.352	0.289	12.3	20.00
2803	40.7457	116.4763	-205.4	422	QA2	0	0	0	0	63	66.6	2410	68	94	187	1.382	0.503	0.364	12.3	20.00
2804	40.7457	116.4757	-204.1	408	QA2	0	0	0	0	66	66.0	2249	41	113	195	2.756	0.579	0.210	12.5	20.00
2805	40.7456	116.4750	-202.4	399	QA2	0	0	0	0	67	65.7	2375	46	145	223	3.152	0.650	0.206	12.7	20.00
2806	40.7456	116.4744	-200.8	395	QA2	0	0	0	0	63	65.5	2391	41	132	256	3.220	0.516	0.160	12.8	20.00
2807	40.7456	116.4738	-199.4	394	QA2	0	0	0	0	61	65.5	2300	54	83	203	1.537	0.409	0.266	12.9	20.00
2808	40.7456	116.4731	-197.4	389	QA2	0	0	0	0	69	65.3	2233	45	109	202	2.422	0.540	0.223	12.9	20.00
2809	40.7456	116.4725	-196.2	388	QA2	0	0	0	0	55	65.3	2378	71	50	215	0.704	0.233	0.330	12.8	20.00
2810	40.7456	116.4718	-194.5	374	QA2	0	0	0	0	70	64.7	2352	65	85	218	1.308	0.390	0.298	12.7	20.00
2811	40.7456	116.4712	-192.9	367	QA2	0	0	0	0	65	64.4	2324	53	87	269	1.642	0.323	0.197	12.6	20.00
2812	40.7456	116.4706	-190.6	367	QA2	0	0	0	0	65	64.4	2339	44	195	183	4.432	1.066	0.240	12.6	20.00
2813	40.7456	116.4699	-188.7	371	QA2	0	0	0	0	72	64.6	2367	50	101	212	2.020	0.476	0.236	12.6	20.00
2814	40.7456	116.4693	-187.0	380	QA2	0	0	0	0	66	64.9	2326	62	88	191	1.419	0.461	0.325	12.6	20.00
2815	40.7456	116.4686	-184.8	385	QA2	0	0	0	0	67	65.2	2369	54	99	227	1.833	0.436	0.238	12.4	20.00
2816	40.7456	116.4680	-183.7	386	QA2	0	0	0	0	58	65.2	2351	60	115	178	1.917	0.646	0.337	12.4	20.00
2817	40.7456	116.4673	-182.3	391	QA2	0	0	0	0	62	65.4	2424	46	69	256	1.500	0.270	0.180	12.4	20.00
2818	40.7456	116.4667	-180.9	393	QA2	0	0	0	0	67	65.4	2260	46	142	193	3.087	0.736	0.238	12.5	20.00
2819	40.7456	116.4661	-179.5	397	QA2	0	0	0	0	67	65.6	2328	52	65	243	1.250	0.267	0.214	12.5	20.00
2820	40.7456	116.4654	-177.7	399	QA2	0	0	0	0	71	65.7	2456	64	98	212	1.531	0.462	0.302	12.5	20.00
2821	40.7456	116.4648	-175.7	406	QA2	0	0	1	0	62	65.9	2298	53	20	273	0.377	0.073	0.194	12.6	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2822	40.7456	116.4641	-175.3	415	QA2	0	0	0	0	68	71.6	2361	50	112	208	2.240	0.538	0.240	12.7	20.00
2823	40.7456	116.4635	-175.1	419	QA2	0	0	0	0	66	71.8	2409	59	103	187	1.746	0.551	0.316	12.7	20.00
2824	40.7456	116.4629	-173.0	424	QA2	0	0	0	0	62	72.0	2448	60	142	200	2.367	0.710	0.300	12.7	20.00
2825	40.7456	116.4622	-172.2	438	QA2	0	0	0	0	69	72.6	2445	42	162	182	3.857	0.890	0.231	12.8	20.00
2826	40.7455	116.4616	-171.4	442	QA2	0	0	0	0	64	72.7	2490	59	50	279	0.847	0.179	0.211	12.9	20.00
2827	40.7455	116.4609	-171.0	443	QA2	0	0	0	0	59	72.8	2323	42	101	196	2.405	0.515	0.214	13.0	20.00
2828	40.7455	116.4603	-172.3	450	QA2	0	0	0	0	67	73.1	2432	63	98	162	1.556	0.605	0.389	13.1	20.00
2829	40.7455	116.4597	-172.5	468	QA2	0	0	0	0	58	73.7	2404	56	99	191	1.768	0.518	0.293	13.2	20.00
2830	40.7455	116.4590	-171.9	472	QA2	0	0	0	0	60	73.9	2274	42	60	205	1.429	0.293	0.205	13.2	20.00
2831	40.7455	116.4584	-173.2	483	QA2	0	0	0	0	64	74.3	2453	69	121	167	1.754	0.725	0.413	13.2	20.00
2832	40.7455	116.4577	-173.6	482	QA2	0	0	1	0	70	74.3	2379	72	21	229	0.292	0.092	0.314	13.1	20.00
2833	40.7455	116.4571	-174.9	488	QA2	0	0	0	0	59	74.5	2445	62	55	181	0.887	0.304	0.343	13.1	20.00
2834	40.7455	116.4564	-174.8	488	QA2	0	0	0	0	68	74.5	2352	56	51	196	0.911	0.260	0.286	12.9	20.00
2835	40.7455	116.4558	-175.8	477	QA2	0	0	0	0	68	74.1	2328	46	59	199	1.283	0.296	0.231	12.8	20.00
2836	40.7455	116.4552	-177.3	460	QA2	0	0	0	0	61	73.4	2362	48	86	214	1.792	0.402	0.224	12.9	20.00
2837	40.7455	116.4545	-179.6	445	QA2	0	0	1	0	68	72.9	2300	58	25	243	0.431	0.103	0.239	13.1	20.00
2838	40.7455	116.4539	-183.0	436	QA2	0	0	0	0	68	72.5	2278	71	50	222	0.704	0.225	0.320	13.2	20.00
2839	40.7455	116.4532	-183.9	435	QA2	0	0	0	0	61	72.5	2210	59	35	198	0.593	0.177	0.298	13.3	20.00
2840	40.7455	116.4526	-184.1	428	QA2	0	0	0	0	59	72.2	2233	42	104	202	2.476	0.515	0.208	13.4	20.00
2841	40.7455	116.4520	-184.9	415	QA2	0	0	0	0	56	66.9	2104	46	123	137	2.674	0.898	0.336	13.3	20.00
2842	40.7455	116.4513	-185.3	404	QA2	0	0	0	0	71	66.5	2092	40	68	184	1.700	0.370	0.217	13.5	20.00
2843	40.7455	116.4507	-185.8	394	QA2	0	0	1	0	65	66.1	2063	62	22	179	0.355	0.123	0.346	13.5	20.00
2844	40.7455	116.4500	-185.6	382	QA2	0	0	0	0	68	65.6	2089	51	56	161	1.098	0.348	0.317	13.5	20.00
2845	40.7455	116.4494	-184.5	373	QA2	0	0	0	0	70	65.2	2087	47	53	193	1.128	0.275	0.244	13.5	20.00
2846	40.7455	116.4488	-183.2	367	QA2	0	0	1	0	55	65.0	2034	52	11	203	0.212	0.054	0.256	13.5	20.00
2847	40.7454	116.4481	-181.6	365	QA2	0	0	0	0	69	64.9	2093	45	58	196	1.289	0.296	0.230	13.6	20.00
2848	40.7454	116.4475	-181.0	367	QA2	0	0	1	0	65	65.0	2057	49	5	216	0.102	0.023	0.227	13.7	20.00
2849	40.7454	116.4468	-179.1	364	QA2	0	0	0	0	62	64.9	2081	34	52	189	1.529	0.275	0.180	13.6	20.00
2850	40.7454	116.4462	-178.6	353	QA2	0	0	0	0	59	64.4	2016	49	61	190	1.245	0.321	0.258	13.5	20.00
2851	40.7454	116.4455	-177.5	348	QA2	0	0	0	0	60	64.2	2005	46	91	168	1.978	0.542	0.274	13.4	20.00
2852	40.7454	116.4449	-176.6	351	QA2	0	0	0	0	60	64.3	1907	40	74	148	1.850	0.500	0.270	13.3	20.00
2853	40.7454	116.4443	-175.8	345	QA2	0	0	0	0	64	64.1	1951	51	47	151	0.922	0.311	0.338	13.1	20.00
2854	40.7454	116.4436	-174.5	344	QA2	0	0	0	0	70	64.0	1915	38	59	172	1.553	0.343	0.221	13.0	20.00
2855	40.7454	116.4430	-173.8	350	QA2	0	0	0	0	65	64.3	1892	42	83	140	1.976	0.593	0.300	13.0	20.00
2856	40.7454	116.4423	-172.9	351	QA2	0	0	0	0	57	64.3	1817	47	34	160	0.723	0.213	0.294	12.9	20.00
2857	40.7454	116.4417	-171.5	355	QA2	0	0	0	0	63	64.5	1912	31	94	153	3.032	0.614	0.203	12.9	20.00
2858	40.7454	116.4411	-171.5	352	QA2	0	0	0	0	65	64.4	1868	41	42	171	1.024	0.246	0.240	12.9	20.00
2859	40.7454	116.4404	-170.8	354	QA2	0	0	0	0	73	64.5	1964	48	70	138	[illegible]458	0.507	0.348	13.1	20.00
2860	40.7454	116.4398	-169.4	360	QA2	0	0	0	0	62	66.9	1884	33	104	138	5.152	0.754	0.239	13.2	20.00
2861	40.7454	116.4391	-168.3	366	QA2	0	0	1	0	61	67.1	1894	53	-14	190	-0.264	-0.074	0.279	13.4	20.00
2862	40.7454	116.4385	-167.8	375	QA2	0	0	0	0	62	67.5	1913	44	71	154	1.614	0.461	0.286	13.4	20.00
2863	40.7454	116.4378	-166.6	381	QA2	0	0	0	0	59	67.7	1971	38	73	157	1.921	0.465	0.242	13.4	20.00
2864	40.7454	116.4372	-164.5	385	QOA3	0	0	0	0	62	67.9	2009	45	100	137	2.222	0.730	0.328	13.3	20.00
2865	40.7454	116.4366	-163.8	389	QOA3	0	0	0	0	69	68.0	1995	44	66	178	1.500	0.371	0.247	13.4	20.00
2866	40.7454	116.4359	-163.4	397	QOA3	0	0	0	0	69	68.4	2007	55	100	122	1.818	0.820	0.451	13.4	20.00
2867	40.7453	116.4353	-162.2	408	QOA3	0	0	0	0	64	68.8	2125	39	93	160	2.385	0.581	0.244	13.5	20.00
2868	40.7453	116.4346	-161.5	422	QOA3	0	0	0	0	65	69.3	2098	31	178	120	5.742	1.483	0.258	13.6	20.00
2869	40.7453	116.4340	-160.8	434	QOA3	0	0	0	0	59	69.8	2152	45	36	226	0.800	0.159	0.199	13.6	20.00
2870	40.7453	116.4334	-160.5	445	QOA3	0	0	1	0	68	70.3	2267	58	18	216	0.310	0.083	0.269	13.5	20.00
2871	40.7453	116.4327	-159.2	449	QOA3	0	0	0	0	58	70.4	2085	49	33	186	0.673	0.177	0.263	13.4	20.00
2872	40.7453	116.4321	-157.2	455	QOA3	0	0	0	0	66	70.6	2263	52	72	172	1.385	0.419	0.302	13.4	20.00
2873	40.7453	116.4314	-156.8	461	QOA3	0	0	0	0	79	70.8	2193	51	57	199	1.118	0.286	0.256	13.3	20.00
2874	40.7453	116.4308	-155.9	468	QOA3	0	0	0	0	68	71.1	2321	47	76	228	1.617	0.333	0.206	13.3	20.00
2875	40.7453	116.4302	-155.2	475	QOA3	0	0	0	0	63	71.4	2445	71	81	199	1.141	0.407	0.357	13.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2876	40.7453	116.4295	-154.4	471	QOA3	0	0	0	0	59	71.2	2299	54	89	195	1.648	0.456	0.277	13.1	20.00
2877	40.7453	116.4289	-153.0	478	QOA3	0	0	0	0	64	71.5	2482	59	63	204	1.068	0.309	0.289	13.0	20.00
2878	40.7453	116.4282	-151.6	475	QOA3	0	0	0	0	63	71.4	2393	56	89	203	1.589	0.438	0.276	12.7	20.00
2879	40.7453	116.4276	-150.3	473	QOA3	0	0	0	0	73	76.0	2344	53	90	156	1.698	0.577	0.340	12.6	20.00
2880	40.7453	116.4269	-148.7	471	QOA3	0	0	0	0	60	75.9	2305	68	38	184	0.559	0.207	0.370	12.5	20.00
2881	40.7453	116.4263	-146.2	461	QOA3	0	0	0	0	57	75.5	2461	65	79	227	1.215	0.348	0.286	12.5	20.00
2882	40.7453	116.4257	-146.1	456	QOA3	0	0	0	0	62	75.3	2376	58	62	196	1.069	0.316	0.296	12.4	20.00
2883	40.7453	116.4250	-144.0	448	QOA3	0	0	0	0	80	75.0	2316	52	53	211	1.019	0.251	0.246	12.3	20.00
2884	40.7453	116.4244	-141.9	447	QOA3	0	0	0	0	63	74.9	2405	59	78	193	1.322	0.404	0.306	12.3	20.00
2885	40.7453	116.4237	-140.8	452	QOA3	0	0	0	0	78	75.1	2403	65	58	196	0.892	0.296	0.332	12.3	20.00
2886	40.7453	116.4231	-138.6	456	QOA3	0	0	0	0	60	75.3	2403	42	156	161	3.714	0.969	0.261	12.1	20.00
2887	40.7453	116.4225	-137.4	446	QOA3	0	0	1	0	65	74.8	2342	77	13	194	0.169	0.067	0.397	11.8	20.00
2888	40.7452	116.4218	-135.9	432	QOA3	0	0	0	0	66	74.3	2404	59	94	179	1.593	0.525	0.330	11.6	20.00
2889	40.7452	116.4212	-133.8	421	QOA3	0	0	0	0	60	73.8	2324	57	96	189	1.684	0.508	0.302	11.5	20.00
2890	40.7452	116.4205	-132.6	404	QOA3	0	0	0	0	68	73.1	2447	82	58	183	0.707	0.317	0.448	11.3	20.00
2891	40.7452	116.4199	-131.1	394	QOA3	0	0	0	0	64	72.7	2323	69	30	195	0.435	0.154	0.354	11.2	20.00
2892	40.7452	116.4193	-130.0	385	QOA3	0	0	0	0	68	72.3	2371	80	76	163	0.950	0.466	0.491	11.1	20.00
2893	40.7452	116.4186	-128.0	374	QOA3	0	0	0	0	54	71.8	2321	71	134	153	1.887	0.876	0.464	10.9	20.00
2894	40.7452	116.4180	-126.0	363	QOA3	0	0	0	0	71	71.3	2275	53	77	209	1.453	0.368	0.254	10.9	20.00
2895	40.7452	116.4173	-123.2	356	QOA3	0	0	0	0	64	71.0	2249	47	168	161	3.574	1.043	0.292	10.9	20.00
2896	40.7452	116.4167	-120.3	358	QOA3	0	0	0	0	59	71.1	2234	53	77	196	1.453	0.393	0.270	10.7	20.00
2897	40.7452	116.4160	-117.5	356	QOA3	0	0	0	0	65	71.0	2166	28	148	185	5.286	0.800	0.151	10.6	20.00
2898	40.7452	116.4154	-114.6	355	QOA3	0	0	0	0	59	72.5	2149	54	115	130	2.130	0.885	0.415	10.5	20.00
2899	40.7452	116.4148	-112.3	351	QOA3	0	0	0	0	70	72.4	2123	53	59	202	1.113	0.292	0.262	10.4	20.00
2900	40.7452	116.4141	-109.7	350	QOA3	0	0	1	0	64	72.3	2091	61	17	210	0.279	0.081	0.290	10.3	20.00
2901	40.7452	116.4135	-106.3	345	QOA3	0	0	0	0	55	72.1	2185	65	83	172	1.277	0.483	0.378	10.2	20.00
2902	40.7452	116.4128	-103.3	339	QOA3	0	0	0	0	66	71.8	2203	41	98	189	2.390	0.519	0.217	10.0	20.00
2903	40.7452	116.4122	-100.0	330	QOA3	0	0	0	0	58	71.4	2143	51	48	225	0.941	0.213	0.227	10.0	20.00
2904	40.7452	116.4116	-98.7	327	QOA3	0	0	0	0	69	71.3	2061	63	44	169	0.698	0.260	0.373	9.9	20.00
2905	40.7452	116.4109	-97.0	326	QOA3	0	0	0	0	61	71.2	2143	55	48	209	0.873	0.230	0.263	9.8	20.00
2906	40.7452	116.4103	-96.0	319	QOA3	0	0	0	0	60	70.9	2116	51	97	159	1.902	0.610	0.321	9.5	20.00
2907	40.7452	116.4096	-94.4	315	QOA3	0	0	0	0	63	70.7	2114	53	44	197	0.830	0.223	0.269	9.3	20.00
2908	40.7452	116.4090	-94.3	315	QOA3	0	0	0	0	62	70.7	2083	67	63	183	0.940	0.344	0.366	9.1	20.00
2909	40.7451	116.4083	-94.1	319	QOA3	0	0	0	0	67	70.9	2142	71	35	165	0.493	0.212	0.430	8.9	20.00
2910	40.7451	116.4077	-93.9	312	QOA3	0	0	0	0	62	70.5	2202	67	97	184	1.448	0.527	0.364	8.5	20.00
2911	40.7451	116.4071	-94.3	306	QOA3	0	0	0	0	73	70.3	2190	66	83	190	1.258	0.437	0.347	8.4	20.00
2912	40.7451	116.4064	-95.5	300	QOA3	0	0	0	0	63	69.9	2213	61	65	220	1.066	0.295	0.277	8.3	20.00
2913	40.7451	116.4058	-96.1	303	QOA3	0	0	0	0	67	70.1	2204	53	73	191	1.377	0.382	0.277	8.2	20.00
2914	40.7451	116.4051	-96.9	307	QOA3	0	0	0	0	69	70.3	2219	65	57	209	0.877	0.273	0.311	8.1	20.00
2915	40.7451	116.4045	-98.7	316	QOA3	0	0	0	0	57	70.7	2293	64	92	191	1.438	0.482	0.335	8.1	20.00
2916	40.7451	116.4039	-101.5	329	QOA3	0	0	0	0	67	71.3	2273	67	98	202	1.463	0.485	0.332	7.9	20.00
2917	40.7451	116.4032	-102.4	354	QOA3	0	0	0	0	69	73.3	2226	54	104	201	1.926	0.517	0.269	7.7	20.00
2918	40.7451	116.4026	-105.1	351	QOA3	0	0	1	0	58	73.1	2214	54	18	240	0.333	0.075	0.225	7.7	20.00
2919	40.7451	116.4019	-107.8	349	QOA3	0	0	0	0	66	73.1	2278	50	108	186	2.160	0.581	0.269	7.4	20.00
2920	40.7451	116.4013	-110.8	355	QOA3	0	0	0	0	69	73.4	2259	45	125	172	2.778	0.727	0.262	7.3	20.00
2921	40.7451	116.4007	-113.1	366	QOA3	0	0	1	0	68	73.8	2223	65	7	191	0.108	0.037	0.340	7.3	20.00
2922	40.7451	116.4000	-114.8	366	QOA3	0	0	0	0	63	73.9	2287	61	74	173	1.213	0.428	0.353	7.3	20.00
2923	40.7451	116.3994	-116.7	363	QOA3	0	0	0	0	70	73.7	2175	65	80	173	1.231	0.462	0.376	7.1	20.00
2924	40.7451	116.3987	-119.1	364	QOA3	0	0	0	0	74	73.7	2244	52	37	218	0.712	0.170	0.239	7.0	20.00
2925	40.7451	116.3981	-121.5	364	QOA3	0	0	0	0	67	73.7	2194	52	40	219	0.769	0.183	0.237	6.9	20.00
2926	40.7451	116.3974	-123.1	361	QOA3	0	0	0	0	60	73.6	2216	68	60	194	0.882	0.309	0.351	6.8	20.00
2927	40.7451	116.3968	-124.7	359	QOA3	0	0	1	0	71	73.5	2177	53	-4	244	-0.075	-0.016	0.217	6.8	20.00
2928	40.7451	116.3962	-126.1	360	QOA3	0	0	1	0	67	73.6	2147	48	13	241	0.271	0.054	0.199	6.7	20.00
2929	40.7450	116.3955	-127.5	365	QOA3	0	0	0	0	69	73.8	2138	59	47	182	0.797	0.258	0.324	6.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2930	40.7450	116.3949	-128.9	365	QOA3	0	0	1	0	69	73.8	2167	84	-4	183	-0.048	-0.022	0.459	6.6	20.00
2931	40.7450	116.3942	-131.2	366	QOA3	0	0	0	0	67	73.8	2110	55	52	163	0.945	0.319	0.337	6.6	20.00
2932	40.7450	116.3936	-132.4	366	QOA3	0	0	0	0	55	73.8	2163	51	94	182	1.843	0.516	0.280	6.4	20.00
2933	40.7450	116.3930	-133.3	366	QOA3	0	0	0	0	63	73.8	2089	51	96	151	1.882	0.636	0.338	6.3	20.00
2934	40.7450	116.3923	-133.4	369	QOA3	0	0	0	0	71	74.0	2096	55	55	178	1.000	0.309	0.309	6.3	20.00
2935	40.7450	116.3917	-133.5	370	QOA3	0	0	0	0	65	74.0	2087	53	112	138	2.113	0.812	0.384	6.2	20.00
2936	40.7450	116.3910	-133.2	366	QOA3	0	0	0	0	62	70.6	2106	51	124	147	2.431	0.844	0.347	6.1	20.00
2937	40.7450	116.3904	-133.0	367	QOA3	0	0	0	0	73	70.6	2112	61	64	168	1.049	0.381	0.363	6.0	20.00
2938	40.7450	116.3898	-134.0	362	QOA3	0	0	0	0	59	70.4	2137	53	152	164	2.868	0.927	0.323	6.0	20.00
2939	40.7450	116.3891	-135.1	365	QOA3	0	0	0	0	61	70.5	2186	55	107	171	1.945	0.626	0.322	6.0	20.00
2940	40.7450	116.3885	-135.0	363	QOA3	0	0	0	0	63	70.4	2086	35	142	169	4.057	0.840	0.207	5.8	20.00
2941	40.7450	116.3878	-134.9	366	QOA3	0	0	0	0	63	70.6	2090	47	91	161	1.936	0.565	0.292	5.8	20.00
2942	40.7450	116.3872	-131.9	372	OVI	0	0	0	0	66	70.8	2153	51	113	158	2.216	0.715	0.323	5.7	20.00
2943	40.7450	116.3865	-129.3	376	OVI	0	0	0	0	69	71.0	2043	52	78	152	1.500	0.513	0.342	5.7	20.00
2944	40.7450	116.3859	-127.2	376	OVI	0	0	0	0	63	71.0	2079	51	66	180	1.294	0.367	0.283	5.7	20.00
2945	40.7450	116.3853	-125.6	378	OVI	0	0	0	0	62	71.1	2154	55	28	185	0.509	0.151	0.297	5.7	20.00
2946	40.7450	116.3846	-124.7	378	OVI	0	0	0	0	68	71.1	2126	54	119	151	2.204	0.788	0.358	5.6	20.00
2947	40.7450	116.3840	-125.1	379	OVI	0	0	0	0	78	71.1	2060	51	36	165	0.706	0.218	0.309	5.7	20.00
2948	40.7450	116.3833	-126.7	377	OVI	0	0	0	0	64	71.0	2205	51	73	201	1.431	0.363	0.254	5.7	20.00
2949	40.7450	116.3827	-128.6	378	OVI	0	0	0	0	61	71.1	2197	46	147	133	3.196	1.105	0.346	5.6	20.00
2950	40.7449	116.3821	-129.2	377	OVI	0	0	0	0	61	71.1	2270	72	36	167	0.500	0.216	0.431	5.6	20.00
2951	40.7449	116.3814	-127.4	370	OVI	0	0	0	0	71	70.7	2247	64	76	171	1.188	0.444	0.374	5.6	20.00
2952	40.7449	116.3808	-122.9	363	OVI	0	0	0	0	65	70.4	2267	66	59	196	0.894	0.301	0.337	5.7	20.00
2953	40.7449	116.3801	-119.0	359	OVI	0	0	0	0	71	70.3	2266	49	131	175	2.673	0.749	0.280	5.8	20.00
2954	40.7449	116.3795	-115.7	359	OVI	0	0	0	0	64	70.2	2217	53	86	186	1.623	0.462	0.285	5.9	20.00
2955	40.7449	116.3788	-112.5	362	OVI	0	0	0	0	59	68.8	2250	59	121	188	2.051	0.644	0.314	5.9	20.00
2956	40.7449	116.3782	-108.7	363	OVI	0	0	0	0	65	68.9	2235	56	108	195	1.929	0.554	0.287	6.1	20.00
2957	40.7449	116.3776	-105.7	370	OVI	0	0	0	0	70	69.1	2293	50	132	160	2.640	0.825	0.313	6.2	20.00
2958	40.7449	116.3769	-103.4	372	OVI	0	0	0	0	63	69.2	2206	53	137	143	2.585	0.958	0.371	6.2	20.00
2959	40.7449	116.3763	-100.5	373	OVI	0	0	0	0	67	69.3	2223	51	153	134	3.000	1.142	0.381	6.2	20.00
2960	40.7449	116.3756	-98.4	374	OVI	0	0	0	0	67	69.3	2302	57	145	151	2.544	0.960	0.377	6.2	20.00
2961	40.7449	116.3750	-96.5	371	OVI	0	0	0	0	66	69.2	2310	54	109	163	2.019	0.669	0.331	6.3	20.00
2962	40.7449	116.3744	-93.9	368	OVI	0	0	0	0	71	69.1	2228	63	54	180	0.857	0.300	0.350	6.2	20.00
2963	40.7449	116.3737	-92.6	358	OVI	0	0	0	0	64	68.6	2254	48	191	134	3.979	1.425	0.358	6.1	20.00
2964	40.7449	116.3731	-90.1	348	OVI	0	0	0	0	71	68.2	2222	56	116	176	2.071	0.659	0.318	6.0	20.00
2965	40.7449	116.3724	-88.8	340	OVI	0	0	0	0	70	67.8	2257	55	143	145	2.600	0.986	0.379	6.0	20.00
2966	40.7449	116.3718	-87.3	334	OVI	0	0	0	0	58	67.6	2311	59	109	178	1.847	0.612	0.331	6.0	20.00
2967	40.7449	116.3712	-86.9	327	OVI	0	0	0	0	72	67.3	2257	64	113	164	1.766	0.689	0.390	6.1	20.00
2968	40.7449	116.3705	-85.6	322	OVI	0	0	0	0	69	67.1	2167	59	115	157	1.949	0.732	0.376	6.1	20.00
2969	40.7449	116.3699	-84.5	321	OVI	0	0	0	0	73	67.0	2174	48	140	135	2.917	1.037	0.356	6.1	20.00
2970	40.7449	116.3692	-82.7	317	OVI	0	0	0	0	61	66.8	2197	58	83	167	1.431	0.497	0.347	6.2	20.00
2971	40.7448	116.3686	-81.6	313	OVI	0	0	0	0	62	66.6	2302	55	124	176	2.255	0.705	0.313	6.2	20.00
2972	40.7448	116.3679	-80.3	311	OVI	0	0	0	0	60	66.6	2195	56	53	189	0.914	0.280	0.307	6.3	20.00
2973	40.7448	116.3673	-79.1	318	OVI	0	0	0	0	65	66.9	2133	46	56	202	1.217	0.277	0.228	6.2	20.00
2974	40.7448	116.3667	-78.4	325	OVI	0	0	1	0	72	66.5	2156	64	26	199	0.406	0.131	0.322	6.3	20.00
2975	40.7448	116.3660	-77.3	331	OVI	0	0	0	0	57	66.7	2255	55	105	163	1.909	0.644	0.337	6.4	20.00
2976	40.7448	116.3654	-75.9	335	OVI	0	0	0	0	71	66.9	2140	33	196	137	5.939	1.431	0.241	6.5	20.00
2977	40.7448	116.3647	-74.2	340	OVI	0	0	1	0	69	67.1	2169	48	10	226	0.208	0.044	0.212	6.6	20.00
2978	40.7448	116.3641	-71.6	339	OVI	0	0	0	0	63	67.1	2170	55	75	149	1.364	0.503	0.369	6.6	20.00
2979	40.7448	116.3635	-69.6	349	OVI	0	0	0	0	70	67.5	2185	46	105	183	2.283	0.574	0.251	6.7	20.00
2980	40.7448	116.3628	-68.2	360	OVI	0	0	0	0	68	68.0	2142	52	103	151	1.981	0.682	0.344	6.9	20.00
2981	40.7448	116.3622	-67.0	364	OVI	0	0	0	0	68	68.2	2248	54	50	211	0.926	0.237	0.256	6.9	20.00
2982	40.7448	116.3615	-65.7	360	TVU	0	0	0	0	74	68.0	2219	50	96	188	1.920	0.511	0.266	6.9	20.00
2983	40.7448	116.3609	-64.6	364	TVU	0	0	0	0	70	68.1	2143	53	108	142	2.038	0.761	0.373	7.0	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2984	40.7448	116.3603	-64.7	368	TVU	0	0	0	0	64	68.3	2160	49	55	208	1.122	0.264	0.236	7.1	20.00
2985	40.7448	116.3596	-65.9	363	TVU	0	0	0	0	62	68.1	2079	32	93	202	2.906	0.460	0.158	7.2	20.00
2986	40.7448	116.3590	-67.2	365	TVU	0	0	0	0	67	68.2	2148	56	72	190	1.286	0.379	0.295	7.4	20.00
2987	40.7448	116.3583	-67.4	357	TVU	0	0	0	0	67	67.8	2097	49	87	164	1.776	0.530	0.299	7.5	20.00
2988	40.7448	116.3577	-65.6	357	TVU	0	0	0	0	64	67.9	2032	44	97	132	2.205	0.735	0.333	7.6	20.00
2989	40.7448	116.3570	-64.1	365	TVU	0	0	0	0	73	68.2	1999	42	60	156	1.429	0.385	0.269	7.6	20.00
2990	40.7448	116.3564	-62.4	377	TVU	0	0	0	0	73	68.7	2198	47	95	170	2.021	0.559	0.276	7.7	20.00
2991	40.7447	116.3558	-60.1	393	TVU	0	0	0	0	68	69.4	2244	61	76	191	1.246	0.398	0.319	7.8	20.00
2992	40.7447	116.3551	-59.0	401	TVU	0	0	0	0	69	69.7	2264	55	89	182	1.618	0.489	0.302	8.0	20.00
2993	40.7447	116.3545	-57.2	415	TVU	0	0	0	0	72	67.1	2298	41	182	114	4.439	1.596	0.360	8.0	20.00
2994	40.7447	116.3538	-55.4	413	TVU	0	0	0	0	68	67.0	2168	41	100	173	2.439	0.578	0.237	8.0	20.00
2995	40.7447	116.3532	-53.9	398	TVU	0	0	0	0	69	66.4	2043	34	166	115	4.882	1.443	0.296	8.1	20.00
2996	40.7447	116.3526	-52.7	406	TVU	0	0	0	0	65	66.7	1965	43	85	141	1.977	0.603	0.305	8.1	20.00
2997	40.7447	116.3519	-51.1	435	TVU	0	0	0	0	71	67.8	2218	44	110	140	2.500	0.786	0.314	8.2	20.00
2998	40.7447	116.3513	-48.3	454	TVU	0	0	0	0	71	68.5	2197	46	177	94	3.848	1.883	0.489	8.2	20.00
2999	40.7447	116.3506	-48.2	463	TVU	0	0	0	0	69	68.9	2238	45	104	164	2.311	0.634	0.274	8.3	20.00
3000	40.7447	116.3500	-46.7	469	TVU	0	0	0	0	76	69.1	2156	50	70	134	1.400	0.522	0.373	8.4	20.00
3001	40.7447	116.3494	-44.9	471	TVU	0	0	0	0	73	69.2	2182	48	65	134	1.354	0.485	0.358	8.3	20.00
3002	40.7447	116.3487	-44.9	478	TVU	0	0	0	0	70	69.4	2190	51	117	141	2.294	0.830	0.362	8.3	20.00
3003	40.7447	116.3481	-42.4	463	TVU	0	0	0	0	68	68.9	2185	34	136	166	4.000	0.819	0.205	8.2	20.00
3004	40.7447	116.3474	-41.2	417	TVU	0	0	0	0	70	67.1	2109	40	67	181	1.675	0.370	0.221	8.1	20.00
3005	40.7447	116.3468	-38.0	395	TVU	0	0	0	0	70	66.3	2071	44	79	156	1.795	0.506	0.282	7.9	20.00
3006	40.7447	116.3461	-37.5	389	TVU	0	0	0	0	69	66.0	2024	43	114	126	2.651	0.905	0.341	7.8	20.00
3007	40.7447	116.3455	-35.7	377	TVU	0	0	0	0	75	65.6	2011	41	144	119	3.512	1.210	0.345	7.6	20.00
3008	40.7447	116.3449	-33.5	363	TVU	0	0	0	0	78	65.0	2020	40	88	144	2.200	0.611	0.278	7.6	20.00
3009	40.7447	116.3442	-30.9	357	TVU	0	0	0	0	74	64.8	1993	47	80	134	1.702	0.597	0.351	7.8	20.00
3010	40.7447	116.3436	-28.6	378	TVU	0	0	0	0	68	65.6	1950	36	97	107	2.694	0.907	0.336	7.8	20.00
3011	40.7447	116.3429	-25.8	395	TVU	0	0	0	0	77	66.3	1868	39	67	115	1.718	0.583	0.339	7.9	20.00
3012	40.7446	116.3423	-21.0	394	TVU	0	0	0	0	77	68.2	1832	44	70	87	1.591	0.805	0.506	7.9	20.00
3013	40.7446	116.3417	-16.9	419	TVU	0	0	0	0	69	69.2	2039	37	74	156	2.000	0.474	0.237	7.9	20.00
3014	40.7446	116.3410	-13.9	439	TVU	0	0	0	0	65	70.0	2039	52	114	82	2.192	1.390	0.634	7.9	20.00
3015	40.7446	116.3404	-8.2	448	TVU	0	0	0	0	76	70.4	2146	24	140	151	5.833	0.927	0.159	7.9	20.00
3016	40.7446	116.3397	-1.4	438	TVU	0	0	0	0	71	69.9	2083	25	95	179	3.800	0.531	0.140	7.8	20.00
3017	40.7446	116.3391	6.0	385	TVU	0	0	0	0	79	67.8	1992	49	30	181	0.612	0.166	0.271	7.9	20.00
3018	40.7446	116.3384	14.8	341	TVU	0	0	0	0	73	66.0	1859	29	126	127	4.345	0.992	0.228	7.9	20.00
3019	40.7446	116.3378	25.9	346	TVU	0	0	0	0	71	66.2	2015	36	160	118	4.444	1.356	0.305	8.0	20.00
3020	40.7446	116.3372	40.9	397	TVU	0	0	0	0	74	68.3	2156	33	123	154	3.727	0.799	0.214	8.0	20.00
3021	40.7446	116.3365	58.4	468	TVU	0	0	0	0	74	71.1	2254	58	75	154	1.293	0.487	0.377	8.1	20.00
3022	40.7446	116.3359	78.0	494	TVU	0	0	0	0	79	72.0	2351	57	110	189	1.930	0.582	0.302	8.1	20.00
3023	40.7446	116.3352	96.9	496	TVU	0	0	0	0	74	72.1	2392	61	122	162	2.000	0.753	0.377	8.1	20.00
3024	40.7446	116.3346	111.5	497	TVU	0	0	0	0	77	72.2	2591	44	117	211	2.659	0.555	0.209	8.1	20.00
3025	40.7446	116.3340	116.3	493	TVU	0	0	0	0	78	72.0	2559	50	97	206	1.940	0.471	0.243	8.0	20.00
3026	40.7446	116.3333	98.6	488	TVU	0	0	0	0	83	71.8	2581	66	79	189	1.197	0.418	0.349	8.0	20.00
3027	40.7446	116.3327	45.3	486	TVU	0	0	0	0	71	71.7	2624	57	131	210	2.298	0.624	0.271	8.0	20.00
3028	40.7446	116.3320	-38.8	472	TVU	0	0	0	0	75	71.2	2601	78	82	216	1.051	0.380	0.361	7.9	20.00
3029	40.7446	116.3314	-126.5	453	TVU	0	0	0	0	82	70.5	2642	74	75	221	1.014	0.339	0.335	7.7	20.00
3030	40.7446	116.3308	-184.5	447	TVU	0	0	0	0	78	70.3	2563	70	101	217	1.443	0.465	0.323	7.6	20.00
3031	40.7446	116.3301	-199.8	457	TVU	0	0	0	0	79	59.5	2623	52	133	255	2.558	0.522	0.204	7.5	20.00
3032	40.7446	116.3295	-190.0	477	TVU	0	0	0	0	86	60.1	2501	66	94	200	1.424	0.470	0.330	7.5	20.00
3033	40.7445	116.3288	-163.8	487	TVU	0	0	0	0	79	60.4	2679	59	150	205	2.542	0.732	0.288	7.3	20.00
3034	40.7445	116.3282	-124.4	491	TVU	0	0	0	0	75	60.5	2504	66	70	193	1.061	0.363	0.342	7.2	20.00
3035	40.7445	116.3275	-73.7	498	TVU	0	0	0	0	85	60.7	2666	69	107	221	1.551	0.484	0.312	7.1	20.00
3036	40.7445	116.3269	-27.5	507	TVU	0	0	0	0	79	61.0	2477	48	44	204	0.917	0.216	0.235	6.9	20.00
3037	40.7445	116.3263	-2.7	538	TVU	0	0	0	0	73	61.9	2624	72	97	197	1.347	0.492	0.365	6.8	20.00

3043	40.7445	116.3224	-163.2	539	TVU	0 0 0 0	76	61.9	2415	53	115	177	2.170	0.650	0.299	6.2	20.00
3044	40.7445	116.3218	-166.7	505	TVU	0 0 0 0	72	60.9	2381	32	122	212	3.813	0.575	0.151	6.2	20.00
3045	40.7445	116.3211	-150.8	497	TVU	0 0 0 0	81	60.7	2454	69	37	199	0.536	0.186	0.347	6.2	20.00
3046	40.7445	116.3205	-111.3	493	TVU	0 0 0 0	77	60.6	2312	63	119	129	1.889	0.922	0.488	6.1	20.00
3047	40.7445	116.3199	-48.2	493	TVU	0 0 0 0	83	60.6	2437	64	126	142	1.969	0.887	0.451	6.0	20.00
3048	40.7445	116.3192	36.2	490	TVU	0 0 0 0	69	60.5	2614	61	155	150	2.541	1.033	0.407	5.8	20.00
3049	40.7445	116.3186	126.3	493	TVU	0 0 0 0	83	60.6	2609	61	103	223	1.689	0.462	0.274	5.7	20.00
3050	40.7445	116.3179	198.9	493	TVU	0 0 0 0	89	60.3	2550	46	145	215	3.152	0.674	0.214	5.6	20.00
3051	40.7445	116.3173	238.0	490	TVU	0 0 0 0	79	60.2	2529	69	140	182	2.029	0.769	0.379	5.4	20.00
3052	40.7445	116.3166	249.7	491	TVU	0 0 0 0	86	60.2	2725	60	141	205	2.350	0.688	0.293	5.4	20.00
3053	40.7444	116.3160	242.0	495	TVU	0 0 0 0	76	60.3	2668	80	123	168	1.537	0.732	0.476	5.3	20.00
3054	40.7444	116.3154	216.7	495	TVU	0 0 0 0	91	60.3	2701	68	106	220	1.559	0.482	0.309	5.3	20.00
3055	40.7444	116.3147	177.5	493	TVU	0 0 0 0	86	60.2	2680	81	87	187	1.074	0.465	0.433	5.2	20.00
3056	40.7444	116.3141	132.9	492	TVU	0 0 0 0	86	60.2	2610	75	79	197	1.053	0.401	0.381	5.3	20.00
3057	40.7444	116.3134	92.5	489	TVU	0 0 0 0	87	60.1	2568	58	43	270	0.741	0.159	0.215	5.4	20.00
3058	40.7444	116.3128	61.3	490	TVU	0 0 0 0	101	60.2	2422	53	92	218	1.736	0.422	0.243	5.5	20.00
3059	40.7444	116.3122	38.7	493	TVU	0 0 0 0	97	60.2	2562	68	118	186	1.735	0.634	0.366	5.4	20.00
3060	40.7444	116.3115	20.8	488	TVU	0 0 0 0	91	60.1	2412	53	93	197	1.755	0.472	0.269	5.4	20.00
3061	40.7444	116.3109	-0.8	459	TVU	0 0 0 0	90	59.2	2466	57	119	171	2.088	0.696	0.333	5.4	20.00
3062	40.7444	116.3102	-29.0	421	TVU	0 0 0 0	79	58.0	2459	63	128	168	2.032	0.762	0.375	5.3	20.00
3063	40.7444	116.3096	-67.3	407	TVU	0 0 0 0	89	57.5	2230	51	74	186	1.451	0.398	0.274	5.2	20.00
3064	40.7444	116.3089	-112.1	411	TVU	0 0 0 0	86	57.6	2290	50	92	190	1.840	0.484	0.263	5.1	20.00
3065	40.7444	116.3083	-161.8	415	TVU	0 0 0 0	88	57.8	2305	39	164	146	4.205	1.123	0.267	5.1	20.00
3066	40.7444	116.3077	-204.6	414	TVU	0 0 0 0	87	57.7	2314	43	119	182	2.767	0.654	0.236	5.0	20.00
3067	40.7444	116.3070	-226.0	413	TVU	0 0 0 0	83	57.7	2318	67	56	196	0.836	0.286	0.342	5.0	20.00
3068	40.7444	116.3064	-220.4	419	TVU	0 0 0 0	84	57.9	2390	70	64	189	0.914	0.339	0.370	5.0	20.00
3069	40.7444	116.3057	-205.0	414	TVU	0 0 0 0	85	57.5	2416	64	83	203	1.297	0.409	0.315	4.9	20.00
3070	40.7444	116.3051	-195.0	408	TVU	0 0 0 0	88	57.3	2415	70	83	198	1.186	0.419	0.354	4.9	20.00
3071	40.7444	116.3045	-192.9	402	TVU	0 0 0 0	94	57.1	2435	49	79	219	1.612	0.361	0.224	4.7	20.00
3072	40.7444	116.3038	-204.1	396	TVU	0 0 0 0	91	56.9	2306	41	150	170	3.659	0.882	0.241	4.6	20.00
3073	40.7444	116.3032	-237.0	388	TVU	0 0 1 0	90	56.6	2409	76	16	231	0.211	0.069	0.329	4.5	20.00
3074	40.7443	116.3025	-294.5	380	TVU	0 0 0 0	82	56.3	2256	43	121	173	2.814	0.699	0.249	4.4	20.00
3075	40.7443	116.3019	-369.8	395	TVU	0 0 0 0	85	56.8	2261	47	73	197	1.553	0.371	0.239	4.4	20.00
3076	40.7443	116.3013	-431.4	432	TVU	0 0 0 0	83	58.1	2334	70	69	186	0.986	0.371	0.376	4.3	20.00
3077	40.7443	116.3006	-453.1	481	TVU	0 0 0 0	82	59.6	2411	58	81	197	1.397	0.411	0.294	4.2	20.00
3078	40.7443	116.3000	-440.6	495	TVU	0 0 0 0	92	60.0	2194	53	113	104	2.132	1.087	0.510	4.1	20.00
3079	40.7443	116.2993	-409.5	499	TVU	0 0 1 0	88	60.1	2110	55	27	189	0.491	0.143	0.291	4.1	20.00
3080	40.7443	116.2987	-369.1	500	TVU	0 0 0 0	89	60.2	2055	56	101	99	2.020	1.020	0.505	4.3	20.00
3081	40.7443	116.2980	-319.0	500	TVU	0 0 0 0	96	60.2	2083	41	55	160	1.341	0.344	0.256	4.3	20.00
3082	40.7443	116.2974	-254.6	498	TVU	0 0 0 0	88	60.1	1993	30	101	132	3.367	0.765	0.227	4.2	20.00
3083	40.7443	116.2968	-174.0	495	TVU	0 0 0 0	84	60.0	1911	55	58	119	1.055	0.487	0.462	4.2	20.00
3084	40.7443	116.2961	-83.1	502	TVU	0 0 1 0	94	60.2	1867	49	18	121	0.367	0.149	0.405	4.3	20.00
3085	40.7443	116.2955	1.4	543	TVU	0 0 0 0	91	61.4	1966	44	72	107	1.636	0.673	0.411	4.3	20.00
3086	40.7443	116.2948	67.5	573	TVU	0 0 0 0	100	62.3	2114	43	89	117	2.070	0.761	0.368	4.3	20.00
3087	40.7443	116.2942	108.0	597	TVU	0 0 0 0	81	62.9	2243	48	93	149	1.938	0.624	0.322	4.3	20.00
3088	40.7443	116.2936	114.3	582	TVU	0 0 0 0	85	65.6	2142	72	75	77	1.042	0.974	0.935	4.3	20.00
3089	40.7443	116.2929	76.8	546	TVU	0 0 0 0	90	64.5	2148	38	100	145	2.632	0.690	0.262	4.3	20.00
3090	40.7443	116.2923	-3.2	496	TVU	0 0 0 0	89	63.0	2098	45	58	124	1.289	0.468	0.363	4.3	20.00
3091	40.7443	116.2916	-89.9	488	TVU	0 0 0 0	80	62.8	2173	54	106	81	1.963	1.309	0.667	4.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3092	40.7443	116.2910	-132.5	489	TVU	0	0	0	0	89	62.8	2184	38	119	120	3.132	0.992	0.317	4.3	20.00
3093	40.7443	116.2904	-136.7	487	TVU	0	0	0	0	87	62.7	2245	65	47	202	0.723	0.233	0.322	4.3	20.00
3094	40.7442	116.2897	-162.8	458	TVU	0	0	0	0	90	61.8	2286	61	67	154	1.098	0.435	0.396	4.3	20.00
3095	40.7442	116.2891	-231.5	425	TVU	0	0	0	0	86	60.7	2220	64	63	168	0.984	0.375	0.381	4.3	20.00
3096	40.7442	116.2884	-298.1	431	TVU	0	0	0	0	84	60.9	2270	62	84	169	1.355	0.497	0.367	4.3	20.00
3097	40.7442	116.2878	-335.1	471	TVU	0	0	1	0	98	62.2	2230	60	-6	196	-0.100	-0.031	0.306	4.3	20.00
3098	40.7442	116.2871	-354.1	494	TVU	0	0	0	0	83	62.9	2178	54	64	182	1.185	0.352	0.297	4.3	20.00
3099	40.7442	116.2865	-369.4	557	TVU	0	0	0	0	91	64.9	2349	47	143	83	3.043	1.723	0.566	4.3	20.00
3100	40.7442	116.2859	-377.4	573	TVU	0	0	0	0	94	65.4	2364	41	61	214	1.488	0.285	0.192	4.3	20.00
3101	40.7442	116.2852	-364.7	582	TVU	0	0	1	0	79	65.6	2322	58	4	211	0.069	0.019	0.275	4.4	20.00
3102	40.7442	116.2846	-326.6	620	TVU	0	0	0	0	98	66.7	2264	58	58	178	1.000	0.326	0.326	4.4	20.00
3103	40.7442	116.2839	-280.0	611	TVU	0	0	0	0	84	66.4	2288	52	141	96	2.712	1.469	0.542	4.3	20.00
3104	40.7442	116.2833	-246.2	571	TVU	0	0	1	0	89	65.3	2326	55	22	176	0.400	0.125	0.313	4.4	20.00
3105	40.7442	116.2827	-229.5	528	TVU	0	0	0	0	87	64.0	2107	33	104	111	3.152	0.937	0.297	4.4	20.00
3106	40.7442	116.2820	-226.1	560	TVU	0	0	0	0	90	65.0	2256	46	68	136	1.478	0.500	0.338	4.3	20.00
3107	40.7442	116.2814	-229.8	611	TVU	0	0	0	0	86	66.9	2349	47	40	201	0.851	0.199	0.234	4.2	20.00
3108	40.7442	116.2807	-240.7	607	TVU	0	0	1	0	81	66.8	2274	67	10	209	0.149	0.048	0.321	4.1	20.00
3109	40.7442	116.2801	-262.4	608	TVU	0	0	0	0	86	66.9	2308	52	81	156	1.558	0.519	0.333	4.0	20.00
3110	40.7442	116.2794	-295.9	562	TVU	0	0	0	0	98	65.5	2318	47	58	190	1.234	0.305	0.247	3.9	20.00
3111	40.7442	116.2788	-324.4	511	TVU	0	0	0	0	87	64.0	2117	48	68	119	1.417	0.571	0.403	3.9	20.00
3112	40.7442	116.2782	-316.2	499	OVI	0	0	0	0	90	63.6	2119	38	70	170	1.842	0.412	0.224	3.8	20.00
3113	40.7442	116.2775	-258.0	529	OVI	0	0	0	0	83	64.5	2264	35	125	146	3.571	0.856	0.240	3.9	20.00
3114	40.7442	116.2769	-166.0	552	OVI	0	0	0	0	85	65.2	2280	37	100	143	2.703	0.699	0.259	3.9	20.00
3115	40.7441	116.2762	-72.9	546	OVI	0	0	0	0	88	65.0	2271	38	81	154	2.132	0.526	0.247	3.9	20.00
3116	40.7441	116.2756	3.7	514	OVI	0	0	1	0	93	64.1	2210	58	-13	208	-0.224	-0.063	0.279	4.0	20.00
3117	40.7441	116.2750	58.6	496	OVI	0	0	1	0	81	63.5	2296	63	22	210	0.349	0.105	0.300	4.0	20.00
3118	40.7441	116.2743	106.0	492	OVI	0	0	0	0	77	63.4	2261	59	94	139	1.593	0.676	0.424	3.9	20.00
3119	40.7441	116.2737	161.8	491	OVI	0	0	0	0	88	63.3	2198	49	76	148	1.551	0.514	0.331	3.8	20.00
3120	40.7441	116.2730	220.9	486	OVI	0	0	0	0	89	63.2	2341	41	128	139	3.122	0.921	0.295	3.7	20.00
3121	40.7441	116.2724	260.2	485	DWU	0	0	0	0	87	63.1	2420	60	45	242	0.750	0.186	0.248	3.6	20.00
3122	40.7441	116.2718	258.6	488	DWU	0	0	0	0	83	63.2	2404	61	88	157	1.443	0.561	0.389	3.7	20.00
3123	40.7441	116.2711	200.5	493	DWU	0	0	0	0	92	63.4	2491	70	81	152	1.157	0.533	0.461	3.7	20.00
3124	40.7441	116.2705	104.9	496	DWU	0	0	0	0	81	63.5	2516	71	53	240	0.746	0.221	0.296	3.7	20.00
3125	40.7441	116.2698	12.3	497	DWU	0	0	0	0	87	63.5	2589	68	94	183	1.382	0.514	0.372	3.6	20.00
3126	40.7441	116.2692	-38.3	497	DWU	0	0	0	0	89	62.6	2557	74	69	196	0.932	0.352	0.378	3.6	20.00
3127	40.7441	116.2685	-29.5	494	DWU	0	0	0	0	89	62.5	2675	71	103	213	1.451	0.484	0.333	3.7	20.00
3128	40.7441	116.2679	24.8	490	DWU	0	0	0	0	87	62.4	2651	77	34	215	0.442	0.158	0.358	3.7	20.00
3129	40.7441	116.2673	92.9	487	DWU	0	0	0	0	86	62.3	2575	62	43	243	0.694	0.177	0.255	3.5	20.00
3130	40.7441	116.2666	156.0	482	DWU	0	0	0	0	79	62.1	2779	74	89	243	1.203	0.366	0.305	3.4	20.00
3131	40.7441	116.2660	214.2	461	DWU	0	0	0	0	87	61.4	2737	67	66	234	0.985	0.282	0.286	3.4	20.00
3132	40.7441	116.2653	277.1	436	DWU	0	0	0	0	91	60.6	2615	72	111	220	1.542	0.505	0.327	3.3	20.00
3133	40.7441	116.2647	338.1	420	DWU	0	0	0	0	82	60.1	2603	62	94	227	1.516	0.414	0.273	3.3	20.00
3134	40.7441	116.2641	371.7	423	DWU	0	0	0	0	95	60.2	2586	57	162	172	2.842	0.942	0.331	3.2	20.00
3135	40.7441	116.2634	365.4	429	DWU	0	0	0	0	96	60.4	2543	45	128	195	2.844	0.656	0.231	3.2	20.00
3136	40.7440	116.2628	327.8	436	DWU	0	0	0	0	94	60.6	2575	84	45	189	0.536	0.238	0.444	3.2	20.00
3137	40.7440	116.2621	274.2	440	DWU	0	0	0	0	80	60.7	2658	45	127	252	2.822	0.504	0.179	3.1	20.00
3138	40.7440	116.2615	219.8	440	DWU	0	0	0	0	85	60.7	2598	69	71	213	1.029	0.333	0.324	3.2	20.00
3139	40.7440	116.2609	178.6	432	DWU	0	0	0	0	93	60.5	2568	54	77	221	1.426	0.348	0.244	3.1	20.00
3140	40.7440	116.2602	153.8	410	DWU	0	0	0	0	89	59.7	2505	56	140	178	2.500	0.787	0.315	3.0	20.00
3141	40.7440	116.2596	148.0	392	DWU	0	0	0	0	93	59.1	2440	47	167	182	3.553	0.918	0.258	3.0	20.00
3142	40.7440	116.2589	155.2	376	DWU	0	0	0	0	97	58.5	2236	55	70	197	1.273	0.355	0.279	3.0	20.00
3143	40.7440	116.2583	167.6	370	DWU	0	0	0	0	93	58.3	2227	47	114	174	2.426	0.655	0.270	3.0	20.00
3144	40.7440	116.2576	171.3	410	DWU	0	0	1	0	90	59.7	2182	61	26	181	0.426	0.144	0.337	2.9	20.00
3145	40.7440	116.2570	161.4	469	DWU	0	0	0	0	88	58.3	2367	48	121	166	2.521	0.729	0.289	3.0	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3146	40.7440	116.2564	144.2	491	DWU	0	0	0	0	97	59.0	2324	55	124	133	2.255	0.932	0.414	3.0	20.00
3147	40.7440	116.2557	122.4	499	DWU	0	0	0	0	92	59.2	2176	42	37	200	0.881	0.185	0.210	2.9	20.00
3148	40.7440	116.2551	99.0	558	DWU	0	0	0	0	108	60.9	2276	50	95	166	1.900	0.572	0.301	2.9	20.00
3149	40.7440	116.2544	73.1	620	DWU	0	0	0	0	97	62.6	2264	58	55	145	0.948	0.379	0.400	2.8	20.00
3150	40.7440	116.2538	48.0	687	DWU	0	0	1	0	96	64.3	2470	61	10	219	0.164	0.046	0.279	2.7	20.00
3151	40.7440	116.2532	26.1	741	DWU	1	0	0	0	93	65.5	2507	45	75	211	1.667	0.355	0.213	2.7	20.00
3152	40.7440	116.2525	11.1	765	DWU	1	0	1	0	89	66.1	2326	49	6	207	0.122	0.029	0.237	2.6	20.00
3153	40.7440	116.2519	4.1	775	DWU	1	0	0	0	91	66.3	2424	57	36	166	0.632	0.217	0.343	2.6	20.00
3154	40.7440	116.2512	0.3	786	DWU	1	0	0	0	84	66.5	2349	52	92	134	1.769	0.687	0.388	2.7	20.00
3155	40.7440	116.2506	2.1	780	DWU	1	0	0	0	98	66.4	2404	30	123	122	4.100	1.008	0.246	2.6	20.00
3156	40.7439	116.2500	6.1	762	DWU	1	0	0	0	103	66.0	2180	30	117	143	3.900	0.818	0.210	2.6	20.00
3157	40.7439	116.2493	11.4	762	DWU	1	0	1	0	95	66.0	2358	54	10	161	0.185	0.062	0.335	2.7	20.00
3158	40.7439	116.2487	12.5	756	DWU	1	0	0	0	91	65.9	2266	41	73	128	1.780	0.570	0.320	2.7	20.00
3159	40.7439	116.2480	10.6	755	DWU	1	0	0	0	96	65.9	2255	45	58	137	1.289	0.423	0.328	2.6	20.00
3160	40.7439	116.2474	2.5	763	DWU	1	0	1	0	84	66.0	2244	73	-37	213	-0.507	-0.174	0.343	2.6	20.00
3161	40.7439	116.2467	-7.0	772	DWU	1	0	1	0	88	66.2	2238	61	4	193	0.066	0.021	0.316	2.6	20.00
3162	40.7439	116.2461	-18.1	776	DWU	1	0	0	0	93	66.3	2200	29	102	95	3.517	1.074	0.305	2.6	20.00
3163	40.7439	116.2455	-27.7	783	DWU	1	0	1	0	95	66.5	2249	50	19	155	0.380	0.123	0.323	2.5	20.00
3164	40.7439	116.2448	-34.8	762	DWU	1	0	0	0	85	55.6	2073	27	148	53	5.481	2.792	0.509	2.4	20.00
3165	40.7439	116.2442	-40.8	745	DWU	1	0	1	0	80	55.3	2025	38	5	161	0.132	0.031	0.236	2.4	20.00
3166	40.7439	116.2435	-43.0	737	DWU	1	0	0	0	89	55.2	2142	34	91	132	2.676	0.689	0.258	2.4	20.00
3167	40.7439	116.2429	-45.3	740	DWU	1	0	0	0	87	55.2	2073	33	95	111	2.879	0.856	0.297	2.4	20.00
3168	40.7439	116.2423	-47.4	743	DWU	1	0	0	0	93	55.3	1959	29	49	129	1.690	0.380	0.225	2.3	20.00
3169	40.7439	116.2416	-48.9	770	DWU	1	0	0	0	99	55.8	2144	39	54	162	1.385	0.333	0.241	2.5	20.00
3170	40.7439	116.2410	-51.0	768	DWU	1	0	0	0	84	55.8	2079	59	48	84	0.814	0.571	0.702	2.5	20.00
3171	40.7439	116.2403	-53.2	763	DWU	1	0	1	0	87	55.7	2089	43	12	135	0.279	0.089	0.319	2.6	20.00
3172	40.7439	116.2397	-55.9	756	DWU	1	0	0	0	96	55.5	2066	19	127	55	6.684	2.309	0.345	2.6	20.00
3173	40.7439	116.2390	-57.8	697	DWU	0	0	0	0	85	54.4	2063	36	59	165	1.639	0.358	0.218	2.7	20.00
3174	40.7439	116.2384	-60.8	652	DWU	0	0	0	0	90	53.5	1991	21	113	109	5.381	1.037	0.193	2.8	20.00
3175	40.7439	116.2378	-63.0	614	DWU	0	0	0	0	84	52.6	1876	35	65	111	1.857	0.586	0.315	2.9	20.00
3176	40.7439	116.2371	-64.4	582	DWU	0	0	0	0	89	51.9	1980	37	107	85	2.892	1.259	0.435	3.0	20.00
3177	40.7438	116.2365	-65.3	581	QTSU	0	0	0	0	94	51.9	1965	33	89	104	2.697	0.856	0.317	3.2	20.00
3178	40.7438	116.2358	-65.7	574	QTSU	0	0	0	0	91	51.7	2011	42	72	114	1.714	0.632	0.368	3.2	20.00
3179	40.7438	116.2352	-65.2	560	QTSU	0	0	0	0	91	51.4	1901	35	105	104	3.000	1.010	0.337	3.2	20.00
3180	40.7438	116.2346	-64.2	551	QTSU	0	0	0	0	91	51.2	1870	24	80	115	3.333	0.696	0.209	3.4	20.00
3181	40.7438	116.2339	-63.3	548	QTSU	0	0	0	0	86	51.1	1952	39	115	76	2.949	1.513	0.513	3.5	20.00
3182	40.7438	116.2333	-62.1	507	QTSU	0	0	0	0	85	50.1	1952	38	45	134	1.184	0.336	0.284	3.6	20.00
3183	40.7438	116.2326	-61.5	497	QTSU	0	0	0	0	81	43.8	1824	41	61	119	1.488	0.513	0.345	3.7	20.00
3184	40.7438	116.2320	-61.2	491	QTSU	0	0	0	0	87	43.7	1952	45	34	120	0.756	0.283	0.375	3.8	20.00
3185	40.7438	116.2314	-59.9	486	QTSU	0	0	0	0	88	43.6	1903	20	149	107	7.450	1.393	0.187	3.8	20.00
3186	40.7438	116.2307	-59.2	463	QTSU	0	0	0	0	89	43.1	1798	39	99	86	2.538	1.151	0.453	3.8	20.00
3187	40.7438	116.2301	-59.4	427	QTSU	0	0	0	0	89	42.2	1783	41	81	106	1.976	0.764	0.387	3.9	20.00
3188	40.7438	116.2294	-60.3	398	QTSU	0	0	0	0	98	41.5	1704	26	118	67	4.538	1.761	0.388	4.0	20.00
3189	40.7438	116.2288	-60.1	375	QTSU	0	0	0	0	93	40.9	1707	26	97	99	3.731	0.980	0.263	3.9	20.00
3190	40.7438	116.2281	-59.5	350	QTSU	0	0	0	0	99	40.3	1637	27	64	121	2.370	0.529	0.223	4.0	20.00
3191	40.7438	116.2275	-59.6	322	QTSU	0	0	0	0	101	39.6	1530	17	57	112	3.353	0.509	0.152	4.0	20.00
3192	40.7438	116.2269	-60.0	287	QTSU	0	0	0	0	92	38.6	1499	19	63	105	3.316	0.600	0.181	4.0	20.00
3193	40.7438	116.2262	-61.2	278	QTSU	0	0	0	0	93	38.4	1515	30	81	87	2.700	0.931	0.345	4.1	20.00
3194	40.7438	116.2256	-60.7	294	QTSU	0	0	0	0	98	38.8	1607	41	46	112	1.122	0.411	0.366	4.1	20.00
3195	40.7438	116.2249	-61.3	329	QTSU	0	0	0	0	90	39.8	1605	22	75	118	3.409	0.636	0.186	4.2	20.00
3196	40.7438	116.2243	-60.1	372	QTSU	0	0	0	0	96	40.9	1626	37	45	95	1.216	0.474	0.389	4.2	20.00
3197	40.7438	116.2237	-60.6	415	QTSU	0	0	0	0	95	41.9	1729	39	45	115	1.154	0.391	0.339	4.2	20.00
3198	40.7437	116.2230	-60.3	471	QTSU	0	0	0	0	93	43.2	1736	28	75	108	2.679	0.694	0.259	4.3	20.00
3199	40.7437	116.2224	-58.0	492	QTSU	0	0	0	0	97	43.7	1711	36	73	111	2.028	0.658	0.324	4.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3200	40.7437	116.2217	-59.3	499	QTSU	0	0	0	0	99	43.9	1677	46	44	81	0.957	0.543	0.568	4.5	20.00
3201	40.7437	116.2211	-57.6	540	QTSU	0	0	0	0	86	44.7	1668	11	58	110	5.273	0.527	0.100	4.6	20.00
3202	40.7437	116.2204	-57.7	573	QTSU	0	0	0	0	92	43.1	1763	35	29	124	0.829	0.234	0.282	4.8	20.00
3203	40.7437	116.2198	-57.0	612	QTSU	0	0	0	0	96	43.8	1816	25	52	113	2.080	0.460	0.221	4.9	20.00
3204	40.7437	116.2192	-57.4	639	QTSU	0	0	0	0	92	44.3	1860	32	85	99	2.656	0.859	0.323	5.0	20.00
3205	40.7437	116.2185	-57.4	658	QTSU	0	0	0	0	102	44.6	1788	22	115	71	5.227	1.620	0.310	5.1	20.00
3206	40.7437	116.2179	-56.6	676	QTSU	0	0	0	0	93	45.0	1823	26	90	103	3.462	0.874	0.252	5.2	20.00
3207	40.7437	116.2172	-56.3	701	QTSU	1	0	0	0	85	45.4	1909	41	80	73	1.951	1.096	0.562	5.3	20.00
3208	40.7437	116.2166	-57.1	714	QTSU	1	0	0	0	81	45.6	1957	42	46	147	1.095	0.313	0.286	5.3	20.00
3209	40.7437	116.2160	-57.3	731	QTSU	1	0	0	0	96	45.9	2012	25	126	75	5.040	1.680	0.333	5.4	20.00
3210	40.7437	116.2153	-56.0	736	QTSU	1	0	0	0	95	46.0	2074	27	131	72	4.852	1.819	0.375	5.5	20.00
3211	40.7437	116.2147	-56.8	739	QTSU	1	0	0	0	98	46.0	2085	50	96	99	1.920	0.970	0.505	5.5	20.00
3212	40.7437	116.2140	-57.0	736	QTSU	1	0	0	0	92	46.0	2094	28	145	91	5.179	1.593	0.308	5.7	20.00
3213	40.7437	116.2134	-57.0	718	QTSU	1	0	0	0	103	45.7	2075	39	151	32	3.872	4.719	1.219	5.8	20.00
3214	40.7437	116.2128	-56.7	683	QTSU	0	0	0	0	96	45.1	2037	36	63	123	1.750	0.512	0.293	5.9	20.00
3215	40.7437	116.2121	-57.1	649	QTSU	0	0	0	0	95	44.5	1999	25	115	114	4.600	1.009	0.219	6.1	20.00
3216	40.7437	116.2115	-57.7	626	QTSU	0	0	0	0	94	44.1	1900	23	146	58	6.348	2.517	0.397	6.2	20.00
3217	40.7437	116.2108	-57.6	596	QTSU	0	0	0	0	89	43.5	2120	38	155	75	4.079	2.067	0.507	6.3	20.00
3218	40.7436	116.2102	-58.4	577	QTSU	0	0	0	0	95	43.2	2007	37	59	139	1.595	0.424	0.266	6.5	20.00
3219	40.7436	116.2095	-58.4	561	QTSU	0	0	0	0	94	42.9	2022	27	154	81	5.704	1.901	0.333	6.7	20.00
3220	40.7436	116.2089	-58.4	540	QTSU	0	0	0	0	88	42.4	1973	36	72	124	2.000	0.581	0.290	6.8	20.00
3221	40.7436	116.2083	-58.6	536	QTSU	0	0	0	0	85	52.7	2016	29	59	147	2.034	0.401	0.197	7.0	20.00
3222	40.7436	116.2076	-59.3	528	QTSU	0	0	0	0	89	52.5	1886	39	111	71	2.846	1.563	0.549	7.0	20.00
3223	40.7436	116.2070	-59.1	538	QTSU	0	0	0	0	82	52.8	1904	33	90	124	2.727	0.726	0.266	7.1	20.00
3224	40.7436	116.2063	-59.6	560	QTSU	0	0	0	0	89	53.3	1960	47	76	97	1.617	0.784	0.485	7.2	20.00
3225	40.7436	116.2057	-57.5	581	QTSU	0	0	0	0	89	53.8	1989	28	70	131	2.500	0.534	0.214	7.2	20.00
3226	40.7436	116.2051	-58.2	607	QTSU	0	0	0	0	94	54.4	1995	18	46	180	2.556	0.256	0.100	7.2	20.00
3227	40.7436	116.2044	-58.8	639	QTSU	0	0	0	0	82	55.2	2027	21	78	144	3.714	0.542	0.146	7.2	20.00
3228	40.7436	116.2038	-58.8	661	QTSU	0	0	0	0	88	55.7	2094	23	67	178	2.913	0.376	0.129	7.3	20.00
3229	40.7436	116.2031	-58.9	692	QTSU	0	0	0	0	82	56.3	2138	25	110	131	4.400	0.840	0.191	7.4	20.00
3230	40.7436	116.2025	-59.1	712	QTSU	1	0	0	0	93	56.7	2207	45	48	153	1.067	0.314	0.294	7.4	20.00
3231	40.7436	116.2019	-60.0	738	QTSU	1	0	0	0	82	57.2	2233	31	69	132	2.226	0.523	0.235	7.5	20.00
3232	40.7436	116.2012	-60.6	771	QTSU	1	0	0	0	92	57.9	2276	17	87	176	5.118	0.494	0.097	7.5	20.00
3233	40.7436	116.2006	-60.2	782	QTSU	1	0	0	0	90	58.1	2356	66	46	145	0.697	0.317	0.455	7.6	20.00
3234	40.7436	116.1999	-60.6	782	QTSU	1	0	0	0	83	58.1	2226	21	95	137	4.524	0.693	0.153	7.6	20.00
3235	40.7436	116.1993	-61.9	789	QTSU	1	0	0	0	82	58.2	2114	44	35	151	0.795	0.232	0.291	7.7	20.00
3236	40.7436	116.1986	-62.2	796	QTSU	1	0	0	0	87	58.4	2155	37	70	114	1.892	0.614	0.325	7.7	20.00
3237	40.7436	116.1980	-62.3	802	QTSU	1	0	0	0	85	58.5	2014	21	94	113	4.476	0.832	0.186	7.8	20.00
3238	40.7436	116.1974	-62.4	804	QTSU	1	0	0	0	91	58.5	2029	23	82	144	3.565	0.569	0.160	7.8	20.00
3239	40.7435	116.1967	-61.6	822	QTSU	1	0	0	0	86	58.8	2024	26	56	124	2.154	0.452	0.210	7.9	20.00
3240	40.7435	116.1961	-64.0	830	QTSU	1	0	0	0	90	59.8	1887	45	45	117	1.000	0.385	0.385	8.0	20.00
3241	40.7435	116.1954	-63.4	830	QTSU	1	0	0	0	80	59.8	1994	43	107	66	2.488	1.621	0.652	8.0	20.00
3242	40.7435	116.1948	-63.6	822	QTSU	1	0	1	0	90	59.7	1930	17	20	140	1.176	0.143	0.121	8.1	20.00
3243	40.7435	116.1942	-64.4	795	QTSU	1	0	1	0	91	59.2	2050	58	-13	148	-0.224	-0.088	0.392	8.1	20.00
3244	40.7435	116.1935	-64.2	750	QTSU	1	0	0	0	84	58.3	1800	23	50	66	2.174	0.758	0.348	8.1	20.00
3245	40.7435	116.1929	-65.8	688	QTSU	0	0	1	0	82	57.0	1712	55	-41	105	-0.745	-0.390	0.524	8.1	20.00
3246	40.7435	116.1922	-67.5	627	QTSU	0	0	1	0	84	55.7	1736	40	19	79	0.475	0.241	0.506	8.1	20.00
3247	40.7435	116.1916	-67.3	578	QTSU	0	0	0	0	81	54.5	1553	21	48	74	2.286	0.649	0.284	8.2	20.00
3248	40.7435	116.1910	-67.5	543	QTSU	0	0	0	0	85	53.7	1619	29	30	90	1.034	0.333	0.322	8.2	20.00
3249	40.7435	116.1903	-68.4	505	QTSU	0	0	0	0	84	52.7	1571	28	26	98	0.929	0.265	0.286	8.3	20.00
3250	40.7435	116.1897	-68.6	498	QTSU	0	0	0	0	84	52.5	1577	16	80	59	5.000	1.356	0.271	8.3	20.00
3251	40.7435	116.1890	-68.5	498	QTSU	0	0	0	0	88	52.5	1677	24	75	85	3.125	0.882	0.282	8.3	20.00
3252	40.7435	116.1884	-68.9	498	QTSU	0	0	0	0	83	52.5	1693	20	75	79	3.750	0.949	0.253	8.2	20.00
3253	40.7435	116.1877	-68.5	500	QTSU	0	0	0	0	75	52.6	1742	22	109	77	4.955	1.416	0.286	8.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3254	40.7435	116.1871	-68.3	507	QTSU	0	0	0	0	92	52.8	1781	28	53	107	1.893	0.495	0.262	8.2	20.00
3255	40.7435	116.1865	-69.1	514	QTSU	0	0	0	0	80	52.9	1896	28	80	116	2.857	0.690	0.241	8.1	20.00
3256	40.7435	116.1858	-68.7	525	QTSU	0	0	0	0	90	53.2	1955	27	60	148	2.222	0.405	0.182	8.0	20.00
3257	40.7435	116.1852	-69.7	511	QTSU	0	0	0	0	80	52.8	1840	23	97	109	4.217	0.890	0.211	8.0	20.00
3258	40.7435	116.1845	-70.4	503	QTSU	0	0	0	0	87	52.7	1949	22	106	121	4.818	0.876	0.182	8.0	20.00
3259	40.7435	116.1839	-69.8	502	QTSU	0	0	1	0	78	55.8	1961	53	-2	153	-0.038	-0.013	0.346	8.0	20.00
3260	40.7434	116.1833	-70.7	498	QTSU	0	0	1	0	83	55.7	1949	44	0	178	0.023	0.006	0.247	7.9	20.00
3261	40.7434	116.1826	-70.4	496	QTSU	0	0	0	0	87	55.6	2057	54	80	142	1.481	0.563	0.380	7.9	20.00
3262	40.7434	116.1820	-70.7	496	QTSU	0	0	0	0	83	55.6	2100	44	55	152	1.250	0.362	0.289	7.9	20.00
3263	40.7434	116.1813	-70.4	494	QTSU	0	0	1	0	82	55.6	2096	49	6	193	0.122	0.031	0.254	7.8	20.00
3264	40.7434	116.1807	-70.0	494	QTSU	0	0	0	0	73	55.6	2169	35	50	213	1.429	0.235	0.164	7.7	20.00
3265	40.7434	116.1800	-68.7	493	QTSU	0	0	0	0	83	55.6	2148	42	76	155	1.810	0.490	0.271	7.6	20.00
3266	40.7434	116.1794	-68.8	493	QTSU	0	0	0	0	71	55.5	2212	51	78	161	1.529	0.484	0.317	7.6	20.00
3267	40.7434	116.1788	-68.6	496	QTSU	0	0	0	0	83	55.6	2119	40	58	152	1.450	0.382	0.263	7.5	20.00
3268	40.7434	116.1781	-67.3	497	QTSU	0	0	0	0	86	55.7	2178	58	58	164	1.000	0.354	0.354	7.4	20.00
3269	40.7434	116.1775	-65.4	498	QTSU	0	0	0	0	75	55.7	2177	34	79	203	2.324	0.389	0.167	7.3	20.00
3270	40.7434	116.1768	-64.8	498	QTSU	0	0	0	0	80	55.7	2262	38	90	166	2.368	0.542	0.229	7.2	20.00
3271	40.7434	116.1762	-64.9	497	QTSU	0	0	0	0	76	55.7	2249	55	49	212	0.891	0.231	0.259	7.0	20.00
3272	40.7434	116.1756	-63.6	497	QTSU	0	0	0	0	72	55.7	2282	56	66	190	1.179	0.347	0.295	6.9	20.00
3273	40.7434	116.1749	-64.2	501	QTSU	0	0	0	0	73	55.8	2275	53	120	169	2.264	0.710	0.314	6.8	20.00
3274	40.7434	116.1743	-65.8	506	QTSU	0	0	0	0	79	55.9	2298	56	71	139	1.268	0.511	0.403	6.7	20.00
3275	40.7434	116.1736	-68.3	512	QTSU	0	0	0	0	73	56.1	2298	59	139	122	2.356	1.139	0.484	6.7	20.00
3276	40.7434	116.1730	-69.7	510	QTSU	0	0	0	0	78	56.0	2268	51	153	137	3.000	1.117	0.372	6.6	20.00
3277	40.7434	116.1724	-71.2	498	QTSU	0	0	0	0	74	55.7	2238	35	158	124	4.514	1.274	0.282	6.6	20.00
3278	40.7434	116.1717	-72.9	495	QTSU	0	0	0	0	64	62.0	2248	52	163	108	3.135	1.509	0.481	6.4	20.00
3279	40.7434	116.1711	-74.9	479	QTSU	0	0	0	0	82	61.5	2221	43	112	116	2.605	0.966	0.371	6.3	20.00
3280	40.7433	116.1704	-77.2	436	QTSU	0	0	0	0	76	60.1	2023	55	62	123	1.127	0.504	0.447	6.4	20.00
3281	40.7433	116.1698	-79.1	404	QTSU	0	0	0	0	77	59.1	2048	45	112	103	2.489	1.087	0.437	6.3	20.00
3282	40.7433	116.1691	-82.6	387	QTSU	0	0	0	0	67	58.5	1935	53	51	131	0.962	0.389	0.405	6.2	20.00
3283	40.7433	116.1685	-84.0	384	QTSU	0	0	0	0	76	58.4	2026	42	86	146	2.048	0.589	0.288	6.1	20.00
3284	40.7433	116.1679	-85.1	385	QTSU	0	0	0	0	66	58.4	1979	48	87	113	1.813	0.770	0.425	6.0	20.00
3285	40.7433	116.1672	-85.1	398	QTSU	0	0	0	0	71	58.9	1957	42	56	130	1.333	0.431	0.323	6.0	20.00
3286	40.7433	116.1666	-84.6	415	QTSU	0	0	0	0	72	59.4	2041	48	99	115	2.063	0.861	0.417	5.9	20.00
3287	40.7433	116.1659	-84.9	426	QTSU	0	0	0	0	72	59.8	2063	42	99	115	2.357	0.861	0.365	5.9	20.00
3288	40.7433	116.1653	-85.8	433	QTSU	0	0	0	0	76	60.1	2050	39	98	118	2.513	0.831	0.331	5.8	20.00
3289	40.7433	116.1647	-87.0	447	QTSU	0	0	0	0	71	60.5	2049	38	115	145	3.026	0.793	0.262	5.7	20.00
3290	40.7433	116.1640	-88.1	460	QTSU	0	0	0	0	69	60.9	2161	43	129	114	3.000	1.132	0.377	5.8	20.00
3291	40.7433	116.1634	-89.8	447	QTSU	0	0	0	0	77	60.5	1967	39	67	136	1.718	0.493	0.287	5.7	20.00
3292	40.7433	116.1627	-91.4	392	QTSU	0	0	0	0	78	58.6	1994	18	178	116	9.889	1.534	0.155	5.7	20.00
3293	40.7433	116.1621	-94.4	348	QTSU	0	0	0	0	73	57.1	1864	43	53	182	1.233	0.291	0.236	5.8	20.00
3294	40.7433	116.1615	-97.5	323	QTSU	0	0	0	0	74	56.1	1850	40	73	149	1.825	0.490	0.268	5.9	20.00
3295	40.7433	116.1608	-100.2	317	QTSU	0	0	0	0	69	55.9	1823	51	37	158	0.725	0.234	0.323	6.0	20.00
3296	40.7433	116.1602	-103.9	340	QTSU	0	0	0	0	73	56.8	1957	41	39	187	0.951	0.209	0.219	6.1	20.00
3297	40.7433	116.1595	-105.3	389	QTSU	0	0	0	0	74	62.2	2031	48	94	136	1.958	0.691	0.353	6.2	20.00
3298	40.7433	116.1589	-106.4	400	QTSU	0	0	0	0	78	62.6	2174	44	126	135	2.864	0.933	0.326	6.2	20.00
3299	40.7433	116.1582	-105.9	417	QTSU	0	0	0	0	78	63.2	2053	39	143	113	3.667	1.265	0.345	6.2	20.00
3300	40.7433	116.1576	-105.0	451	TS3	0	0	0	0	72	64.4	2049	54	81	133	1.500	0.609	0.406	6.2	20.00
3301	40.7432	116.1570	-102.7	473	TS3	0	0	0	0	73	65.2	2083	27	140	128	5.185	1.094	0.211	6.3	20.00
3302	40.7432	116.1563	-100.2	489	TS3	0	0	0	0	62	65.7	2176	50	114	138	2.280	0.826	0.362	6.5	20.00
3303	40.7432	116.1557	-99.6	490	TS3	0	0	0	0	79	65.8	2187	48	61	172	1.271	0.355	0.279	6.5	20.00
3304	40.7432	116.1550	-97.7	487	TS3	0	0	0	0	78	65.7	2254	47	79	173	1.681	0.457	0.272	6.5	20.00
3305	40.7432	116.1544	-96.1	485	TS3	0	0	0	0	74	65.6	2186	42	143	129	3.405	1.109	0.326	6.7	20.00
3306	40.7432	116.1538	-95.8	480	TS3	0	0	0	0	75	65.4	2122	62	79	135	1.274	0.585	0.459	6.9	20.00
3307	40.7432	116.1531	-97.3	470	TS3	0	0	0	0	76	65.1	2145	55	63	148	1.145	0.426	0.372	7.1	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3308	40.7432	116.1525	-99.6	472	TS3	0	0	0	0	77	65.2	2288	47	147	133	3.128	1.105	0.353	7.3	20.00
3309	40.7432	116.1518	-102.3	476	TS3	0	0	0	0	76	65.3	2184	42	60	219	1.429	0.274	0.192	7.4	20.00
3310	40.7432	116.1512	-104.2	473	TS3	0	0	0	0	71	65.2	2156	55	91	153	1.655	0.595	0.359	7.5	20.00
3311	40.7432	116.1505	-108.0	475	TS3	0	0	0	0	76	65.3	2204	56	93	154	1.661	0.604	0.364	7.7	20.00
3312	40.7432	116.1499	-109.1	483	TS3	0	0	0	0	76	65.5	2153	48	106	138	2.208	0.768	0.348	7.7	20.00
3313	40.7432	116.1493	-110.4	491	TS3	0	0	0	0	72	65.8	2203	43	97	167	2.256	0.581	0.257	7.8	20.00
3314	40.7432	116.1486	-112.0	498	TS3	0	0	0	0	67	66.0	2203	55	43	197	0.782	0.218	0.279	7.9	20.00
3315	40.7432	116.1480	-112.9	500	TS3	0	0	0	0	79	66.1	2283	51	60	154	1.176	0.390	0.331	8.0	20.00
3316	40.7432	116.1473	-113.1	486	TS3	0	0	0	0	69	65.9	2188	64	87	133	1.359	0.654	0.481	8.1	20.00
3317	40.7432	116.1467	-113.8	485	TS3	0	0	0	0	74	65.9	2206	59	81	145	1.373	0.559	0.407	8.2	20.00
3318	40.7432	116.1461	-114.4	483	TS3	0	0	0	0	70	65.8	2231	56	126	97	2.250	1.299	0.577	8.3	20.00
3319	40.7432	116.1454	-116.6	479	TS3	0	0	0	0	76	65.7	2155	52	46	194	0.885	0.237	0.268	8.5	20.00
3320	40.7432	116.1448	-118.7	474	TS3	0	0	0	0	64	65.5	2079	73	33	160	0.452	0.206	0.456	8.7	20.00
3321	40.7432	116.1441	-120.6	476	TS3	0	0	0	0	79	65.6	2178	47	85	188	1.809	0.452	0.250	9.0	20.00
3322	40.7431	116.1435	-122.8	471	TS3	0	0	0	0	75	65.4	2060	37	101	147	2.730	0.687	0.252	9.3	20.00
3323	40.7431	116.1429	-125.2	473	TS3	0	0	0	0	65	65.5	2207	42	84	157	2.000	0.535	0.268	9.6	20.00
3324	40.7431	116.1422	-126.9	464	TS3	0	0	0	0	69	65.2	2321	61	107	170	1.754	0.629	0.359	9.8	20.00
3325	40.7431	116.1416	-130.1	447	TS3	0	0	0	0	70	64.6	2268	48	76	203	1.583	0.374	0.236	10.2	20.00
3326	40.7431	116.1409	-132.9	436	TS3	0	0	0	0	62	64.2	2226	41	125	139	3.049	0.899	0.295	10.5	20.00
3327	40.7431	116.1403	-136.6	430	TS3	0	0	0	0	68	64.0	2153	29	73	193	2.517	0.378	0.150	10.7	20.00
3328	40.7431	116.1396	-138.8	416	TS3	0	0	0	0	60	63.5	2155	46	100	180	2.174	0.556	0.256	11.0	20.00
3329	40.7431	116.1390	-139.5	407	TS3	0	0	0	0	70	63.1	2184	42	116	162	2.762	0.716	0.259	11.4	20.00
3330	40.7431	116.1384	-140.0	392	TS3	0	0	0	0	72	62.6	2154	28	112	170	4.000	0.659	0.165	11.6	20.00
3331	40.7431	116.1377	-138.8	374	TS3	0	0	0	0	62	61.9	2071	53	77	178	1.453	0.433	0.298	11.6	20.00
3332	40.7431	116.1371	-137.5	365	TS3	0	0	0	0	64	61.6	2065	55	78	177	1.418	0.441	0.311	11.6	20.00
3333	40.7431	116.1364	-136.1	367	TS3	0	0	0	0	71	61.6	2148	56	86	159	1.536	0.541	0.352	11.7	20.00
3334	40.7431	116.1358	-135.0	365	TS3	0	0	0	0	68	61.5	2121	46	128	163	2.783	0.785	0.282	11.7	20.00
3335	40.7431	116.1352	-134.3	376	TS3	0	0	0	0	69	58.5	2127	55	96	172	1.745	0.558	0.320	11.9	20.00
3336	40.7431	116.1345	-137.3	371	TS3	0	0	0	0	79	58.3	2050	61	91	154	1.492	0.591	0.396	11.9	20.00
3337	40.7431	116.1339	-138.2	364	TS3	0	0	0	0	68	58.1	2089	50	108	153	2.160	0.706	0.327	12.1	20.00
3338	40.7431	116.1332	-139.4	355	TS3	0	0	0	0	76	57.7	2062	48	168	122	3.500	1.377	0.393	12.3	20.00
3339	40.7431	116.1326	-141.1	353	TS3	0	0	0	0	64	57.7	2097	65	119	126	1.831	0.944	0.516	12.3	20.00
3340	40.7431	116.1320	-143.1	362	TS3	0	0	0	0	83	58.0	2030	58	39	152	0.672	0.257	0.382	12.4	20.00
3341	40.7431	116.1313	-145.1	379	TS3	0	0	0	0	69	58.6	1950	52	79	156	1.519	0.506	0.333	12.4	20.00
3342	40.7430	116.1307	-147.9	395	TS3	0	0	0	0	74	59.2	2107	49	134	136	2.735	0.985	0.360	12.6	20.00
3343	40.7430	116.1300	-150.1	413	TS3	0	0	0	0	69	59.8	2095	39	155	114	3.974	1.360	0.342	12.8	20.00
3344	40.7430	116.1294	-151.9	428	TS3	0	0	0	0	71	60.3	2050	42	82	149	1.952	0.550	0.282	12.9	20.00
3345	40.7430	116.1287	-154.2	436	TS3	0	0	0	0	66	60.6	2139	45	94	180	2.089	0.522	0.250	12.8	20.00
3346	40.7430	116.1281	-156.6	438	TS3	0	0	1	0	67	60.6	2059	70	1	160	0.014	0.006	0.438	12.7	20.00
3347	40.7430	116.1275	-158.2	441	TS3	0	0	0	0	70	60.8	2151	65	79	135	1.215	0.585	0.481	12.7	20.00
3348	40.7430	116.1268	-159.8	440	TS3	0	0	0	0	65	60.7	2101	60	60	150	1.000	0.400	0.400	12.6	20.00
3349	40.7430	116.1262	-162.0	434	TS3	0	0	0	0	64	60.5	2101	49	125	126	2.551	0.992	0.389	12.7	20.00
3350	40.7430	116.1255	-163.8	439	QA3	0	0	0	0	73	60.7	2069	24	110	147	4.583	0.748	0.163	12.7	20.00
3351	40.7430	116.1249	-166.4	449	QA3	0	0	0	0	65	61.0	2250	49	118	144	2.408	0.819	0.340	12.8	20.00
3352	40.7430	116.1243	-166.7	457	QA3	0	0	0	0	68	61.3	2097	60	60	123	1.000	0.488	0.488	12.7	20.00
3353	40.7430	116.1236	-167.6	459	QA3	0	0	0	0	69	61.3	2147	73	68	134	0.932	0.507	0.545	12.5	20.00
3354	40.7430	116.1230	-168.7	456	QA3	0	0	0	0	72	63.5	2148	58	63	159	1.086	0.396	0.365	12.6	20.00
3355	40.7430	116.1223	-171.1	454	QA3	0	0	0	0	65	63.4	2170	45	83	158	1.844	0.525	0.285	12.6	20.00
3356	40.7430	116.1217	-171.0	462	QA3	0	0	1	0	65	63.7	2166	56	17	205	0.304	0.083	0.273	12.5	20.00
3357	40.7430	116.1211	-172.0	480	QA3	0	0	0	0	74	64.3	2229	55	64	175	1.164	0.366	0.314	12.4	20.00
3358	40.7430	116.1204	-172.5	490	QA3	0	0	0	0	75	64.6	2360	66	59	163	0.894	0.362	0.405	12.3	20.00
3359	40.7430	116.1198	-173.2	485	QA3	0	0	0	0	72	64.4	2389	39	114	211	2.923	0.540	0.185	12.2	20.00
3360	40.7430	116.1191	-174.3	482	QA3	0	0	0	0	71	64.4	2237	51	55	156	1.078	0.353	0.327	12.3	20.00
3361	40.7430	116.1185	-175.2	481	QA3	0	0	0	0	72	64.3	2245	68	98	128	1.441	0.766	0.531	12.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3362	40.7430	116.1178	-176.4	478	QA3	0	0	0	0	67	64.2	2305	52	70	172	1.346	0.407	0.302	12.4	20.00
3363	40.7429	116.1172	-176.0	484	QA3	0	0	0	0	62	64.4	2245	58	87	145	1.500	0.600	0.400	12.5	20.00
3364	40.7429	116.1166	-176.8	485	QA3	0	0	0	0	65	64.4	2270	75	73	127	0.973	0.575	0.591	12.6	20.00
3365	40.7429	116.1159	-176.8	475	QA3	0	0	0	0	73	64.1	2191	55	105	121	1.909	0.868	0.455	12.7	20.00
3366	40.7429	116.1153	-177.9	454	QA3	0	0	0	0	72	63.4	2279	40	83	213	2.075	0.390	0.188	12.8	20.00
3367	40.7429	116.1146	-178.2	432	QA3	0	0	0	0	71	62.6	2182	49	126	155	2.571	0.813	0.316	12.9	20.00
3368	40.7429	116.1140	-179.3	409	QA3	0	0	0	0	70	61.9	2177	61	106	117	1.738	0.906	0.521	13.0	20.00
3369	40.7429	116.1134	-178.9	407	QA3	0	0	0	0	77	61.8	2253	58	116	147	2.000	0.789	0.395	13.1	20.00
3370	40.7429	116.1127	-180.8	403	TS3	0	0	0	0	81	61.6	2213	54	70	180	1.296	0.389	0.300	13.2	20.00
3371	40.7429	116.1121	-182.5	396	TS3	0	0	0	0	58	61.4	2258	65	114	153	1.754	0.745	0.425	13.2	20.00
3372	40.7429	116.1114	-183.5	384	TS3	0	0	0	0	62	60.9	2237	75	143	126	1.907	1.135	0.595	13.0	20.00
3373	40.7429	116.1108	-183.1	387	TS3	0	0	1	0	68	63.5	2269	82	23	213	0.280	0.108	0.385	12.8	20.00
3374	40.7429	116.1101	-184.0	393	TS3	0	0	1	0	67	63.7	2390	61	24	225	0.393	0.107	0.271	12.7	20.00
3375	40.7429	116.1095	-183.8	403	TS3	0	0	0	0	76	64.1	2367	56	59	232	1.054	0.254	0.241	12.6	20.00
3376	40.7429	116.1089	-186.9	407	TS3	0	0	0	0	80	64.2	2315	54	117	168	2.167	0.696	0.321	12.4	20.00
3377	40.7429	116.1082	-188.1	394	TS3	0	0	0	0	65	63.7	2388	55	143	179	2.600	0.799	0.307	12.2	20.00
3378	40.7429	116.1076	-188.4	377	TS3	0	0	0	0	57	63.1	2337	60	113	179	1.883	0.631	0.335	12.0	20.00
3379	40.7429	116.1069	-190.1	369	TS3	0	0	0	0	65	62.8	2301	63	127	161	2.016	0.789	0.391	11.7	20.00
3380	40.7429	116.1063	-190.8	364	TS3	0	0	0	0	66	62.6	2357	62	95	174	1.532	0.546	0.356	11.4	20.00
3381	40.7429	116.1057	-194.2	362	TS3	0	0	0	0	73	62.5	2307	74	71	175	0.959	0.406	0.423	11.3	20.00
3382	40.7429	116.1050	-195.3	368	TS3	0	0	0	0	65	62.8	2368	60	66	217	1.100	0.304	0.276	11.4	20.00
3383	40.7428	116.1044	-196.8	375	TS3	0	0	0	0	61	63.0	2251	73	145	115	1.986	1.261	0.635	11.6	20.00
3384	40.7428	116.1037	-198.4	386	TS3	0	0	0	0	73	63.4	2343	74	49	154	0.662	0.318	0.481	11.9	20.00
3385	40.7428	116.1031	-200.7	396	TS3	0	0	0	0	62	63.8	2261	50	115	187	2.300	0.615	0.267	12.1	20.00
3386	40.7428	116.1025	-201.4	409	TS3	0	0	1	0	73	64.3	2321	95	-41	190	-0.432	-0.216	0.500	12.3	20.00
3387	40.7428	116.1018	-204.9	401	TS3	0	0	0	0	73	64.0	2333	73	96	156	1.315	0.615	0.468	12.4	20.00
3388	40.7428	116.1012	-207.2	379	TS3	0	0	0	0	68	63.2	2340	64	94	159	1.469	0.591	0.403	12.4	20.00
3389	40.7428	116.1005	-211.0	364	TS3	0	0	0	0	64	62.6	2251	72	65	164	0.903	0.396	0.439	12.4	20.00
3390	40.7428	116.0999	-216.9	360	TS3	0	0	0	0	70	62.4	2295	44	186	162	4.227	1.148	0.272	12.5	20.00
3391	40.7428	116.0992	-223.3	360	TS3	0	0	0	0	67	62.4	2307	47	99	208	2.106	0.476	0.226	12.5	20.00
3392	40.7428	116.0986	-225.6	365	TS3	0	0	0	0	67	64.0	2244	65	82	158	1.262	0.519	0.411	12.6	20.00
3393	40.7428	116.0980	-227.0	363	TS3	0	0	0	0	66	63.9	2310	61	83	210	1.361	0.395	0.290	12.6	20.00
3394	40.7428	116.0973	-225.4	359	TS3	0	0	0	0	73	63.7	2214	53	149	137	2.811	1.088	0.387	12.5	20.00
3395	40.7428	116.0967	-223.8	361	TS3	0	0	0	0	73	63.8	2309	49	57	206	1.163	0.277	0.238	12.4	20.00
3396	40.7428	116.0960	-223.0	359	TS3	0	0	0	0	68	63.7	2258	48	172	158	3.583	1.089	0.304	12.4	20.00
3397	40.7428	116.0954	-221.6	355	TS3	0	0	0	0	69	63.6	2314	52	131	192	2.519	0.682	0.271	12.6	20.00
3398	40.7428	116.0948	-220.1	343	TS3	0	0	0	0	71	63.1	2314	56	119	182	2.125	0.654	0.308	12.7	20.00
3399	40.7428	116.0941	-218.8	342	TS3	0	0	0	0	71	63.0	2306	53	129	189	2.434	0.683	0.280	12.8	20.00
3400	40.7428	116.0935	-218.9	348	TS3	0	0	0	0	70	63.3	2383	71	108	191	1.521	0.565	0.372	12.9	20.00
3401	40.7428	116.0928	-219.6	360	TS3	0	0	0	0	62	63.8	2359	60	78	212	1.300	0.368	0.283	13.0	20.00
3402	40.7428	116.0922	-218.9	373	TS3	0	0	0	0	77	64.3	2231	67	80	210	1.194	0.381	0.319	13.0	20.00
3403	40.7428	116.0916	-219.4	389	TS3	0	0	0	0	68	64.9	2150	55	103	166	1.873	0.620	0.331	13.1	20.00
3404	40.7427	116.0909	-219.7	404	TS3	0	0	0	0	63	65.5	2231	65	39	235	0.600	0.166	0.277	13.4	20.00
3405	40.7427	116.0903	-219.2	410	TS3	0	0	0	0	70	65.7	2276	67	76	161	1.134	0.472	0.416	13.5	20.00
3406	40.7427	116.0896	-219.6	410	TS3	0	0	0	0	67	65.7	2126	64	72	196	1.125	0.367	0.327	13.6	20.00
3407	40.7427	116.0890	-218.7	417	TS3	0	0	0	0	59	65.9	2168	72	44	181	0.611	0.243	0.398	13.7	20.00
3408	40.7427	116.0883	-218.3	424	TS3	0	0	0	0	75	66.2	2305	68	59	184	0.868	0.321	0.370	13.7	20.00
3409	40.7427	116.0877	-218.8	440	TS3	0	0	0	0	73	66.8	2334	49	107	174	2.184	0.615	0.282	13.7	20.00
3410	40.7427	116.0871	-218.5	436	TS3	0	0	1	0	73	66.7	2279	66	22	225	0.333	0.098	0.293	13.6	20.00
3411	40.7427	116.0864	-219.2	423	TS3	0	0	0	0	71	68.5	2104	41	114	170	2.780	0.671	0.241	13.5	20.00
3412	40.7427	116.0858	-219.9	422	TS3	0	0	0	0	75	68.5	2235	53	116	135	2.189	0.859	0.393	13.5	20.00
3413	40.7427	116.0851	-220.4	428	TS3	0	0	0	0	64	68.7	2348	69	89	181	1.290	0.492	0.381	13.6	20.00
3414	40.7427	116.0845	-221.3	430	TS3	0	0	0	0	67	68.8	2242	73	88	114	1.205	0.772	0.640	13.5	20.00
3415	40.7427	116.0839	-220.4	432	TS3	0	0	0	0	77	68.9	2351	66	104	171	1.576	0.608	0.386	13.6	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3416	40.7427	116.0832	-220.1	429	TS3	0	0	0	0	69	68.7	2263	66	64	182	0.970	0.352	0.363	13.5	20.00
3417	40.7427	116.0826	-219.7	426	TS3	0	0	0	0	67	68.6	2357	60	98	178	1.633	0.551	0.337	13.5	20.00
3418	40.7427	116.0819	-220.0	418	TS3	0	0	0	0	72	68.3	2266	74	85	174	1.149	0.489	0.425	13.4	20.00
3419	40.7427	116.0813	-220.6	417	TS3	0	0	0	0	61	68.3	2258	84	41	169	0.488	0.243	0.497	13.5	20.00
3420	40.7427	116.0806	-222.1	428	QA3	0	0	0	0	63	68.7	2337	60	81	216	1.350	0.375	0.278	13.5	20.00
3421	40.7427	116.0800	-221.3	418	QA3	0	0	0	0	66	68.3	2353	59	64	197	1.085	0.325	0.299	13.5	20.00
3422	40.7427	116.0794	-221.6	406	QA3	0	0	1	0	68	67.8	2335	74	14	241	0.189	0.058	0.307	13.6	20.00
3423	40.7427	116.0787	-220.1	393	QA3	0	0	0	0	62	67.3	2292	79	51	193	0.646	0.264	0.409	13.8	20.00
3424	40.7427	116.0781	-219.6	378	QA3	0	0	0	0	69	66.7	2271	48	132	183	2.750	0.721	0.262	13.9	20.00
3425	40.7426	116.0774	-217.5	369	QA3	0	0	0	0	70	66.4	2257	68	60	193	0.882	0.311	0.352	14.1	20.00
3426	40.7426	116.0768	-216.5	363	QA3	0	0	0	0	75	66.1	2178	66	82	160	1.242	0.513	0.413	14.3	20.00
3427	40.7426	116.0762	-216.6	360	QA3	0	0	0	0	75	66.0	2280	54	111	181	2.056	0.613	0.298	14.5	20.00
3428	40.7426	116.0755	-217.8	358	QA3	0	0	0	0	60	65.9	2263	51	88	190	1.725	0.463	0.268	14.6	20.00
3429	40.7426	116.0749	-218.9	357	QA3	0	0	0	0	72	65.9	2342	80	139	137	1.737	1.015	0.584	14.8	20.00
3430	40.7426	116.0742	-220.8	364	QA3	0	0	0	0	74	64.2	2265	52	86	176	1.654	0.489	0.295	15.0	20.00
3431	40.7426	116.0736	-221.5	379	QA3	0	0	0	0	68	64.8	2117	61	80	132	1.311	0.606	0.462	15.2	20.00
3432	40.7426	116.0730	-224.1	391	QA3	0	0	0	0	64	65.2	2273	56	148	166	2.643	0.892	0.337	15.4	20.00
3433	40.7426	116.0723	-226.4	396	QA3	0	0	0	0	68	65.4	2177	61	47	182	0.770	0.258	0.335	15.6	20.00
3434	40.7426	116.0717	-228.2	410	TS3	0	0	0	0	61	66.0	2242	43	100	175	2.326	0.571	0.246	15.6	20.00
3435	40.7426	116.0710	-229.3	411	TS3	0	0	0	0	65	66.0	2179	44	125	150	2.841	0.833	0.293	15.6	20.00
3436	40.7426	116.0704	-231.9	410	TS3	0	0	0	0	71	66.0	2220	66	31	173	0.470	0.179	0.382	15.6	20.00
3437	40.7426	116.0697	-232.8	417	TS3	0	0	0	0	60	66.2	2248	61	107	181	1.754	0.591	0.337	20.7	20.00
3438	40.7426	116.0691	-233.2	413	TS3	0	0	0	0	62	66.1	2369	50	124	193	2.480	0.642	0.259	14.3	20.00
3439	40.7426	116.0685	-232.9	409	TS3	0	0	0	0	68	65.9	2301	47	142	166	3.021	0.855	0.283	8.0	20.00
3440	40.7426	116.0678	-229.0	407	TS3	0	0	0	0	65	65.9	2271	56	115	131	2.054	0.878	0.427	9.3	20.00
3441	40.7426	116.0672	-227.4	411	TS3	0	0	0	0	75	66.0	2276	62	108	129	1.742	0.837	0.481	9.3	20.00
3442	40.7426	116.0665	-225.0	385	TS3	0	0	0	0	66	65.0	2191	48	89	171	1.854	0.520	0.281	22.5	20.00
3443	40.7426	116.0659	-222.7	366	TS3	0	0	0	0	66	64.2	2190	67	65	151	0.970	0.430	0.444	9.0	20.00
3444	40.7426	116.0653	-222.5	357	TS3	0	0	0	0	66	63.9	2257	75	93	144	1.240	0.646	0.521	12.4	20.00
3445	40.7425	116.0646	-219.6	358	TS3	0	0	0	0	69	63.9	2268	55	115	221	2.091	0.520	0.249	5.2	20.00
3446	40.7425	116.0640	-218.0	361	TS3	0	0	0	0	69	64.1	2300	69	63	191	0.913	0.330	0.361	14.0	20.00
3447	40.7425	116.0633	-216.5	369	TS3	0	0	0	0	78	64.4	2323	62	92	186	1.484	0.495	0.333	18.6	20.00
3448	40.7425	116.0627	-217.9	369	TS3	0	0	0	0	67	64.4	2260	61	60	196	0.984	0.306	0.311	14.5	20.00
3449	40.7425	116.0621	-219.2	373	TS3	0	0	0	0	66	58.0	2197	44	70	197	1.591	0.355	0.223	15.3	20.00
3450	40.7425	116.0614	-220.1	380	TS3	0	0	0	0	60	58.3	2171	58	95	149	1.638	0.638	0.389	21.6	20.00
3451	40.7425	116.0608	-217.8	371	TS3	0	0	0	0	71	57.9	2074	59	86	141	1.458	0.610	0.418	11.5	20.00
3452	40.7425	116.0601	-214.9	375	TS3	0	0	0	0	75	58.1	2155	40	177	137	4.425	1.292	0.292	5.8	20.00
3453	40.7425	116.0595	-213.6	391	TS3	0	0	0	0	70	58.7	2166	39	144	156	3.692	0.923	0.250	15.1	20.00
3454	40.7425	116.0588	-213.0	400	TS3	0	0	0	0	58	59.0	2201	57	65	192	1.140	0.339	0.297	27.8	20.00
3455	40.7425	116.0582	-211.7	414	TS3	0	0	0	0	65	59.4	2144	56	73	181	1.304	0.403	0.309	25.2	20.00
3456	40.7425	116.0576	-213.0	401	TS3	0	0	0	0	63	59.0	2238	68	66	179	0.971	0.369	0.380	11.0	20.00
3457	40.7425	116.0569	-214.7	389	TS3	0	0	0	0	66	58.6	2084	49	95	148	1.939	0.642	0.331	6.2	20.00
3458	40.7425	116.0563	-217.6	381	TS3	0	0	0	0	70	58.3	2198	55	33	220	0.559	0.150	0.268	5.8	20.00
3459	40.7425	116.0556	-220.5	381	TS3	0	0	0	0	73	58.3	2090	49	41	191	0.837	0.215	0.257	7.4	20.00
3460	40.7425	116.0550	-223.6	385	TS3	0	0	0	0	68	58.4	1997	57	30	159	0.526	0.189	0.358	7.3	20.00
3461	40.7425	116.0544	-225.7	391	TS3	0	0	0	0	63	58.6	2045	39	71	199	1.821	0.357	0.196	6.3	20.00
3462	40.7425	116.0537	-225.8	397	TS3	0	0	0	0	71	58.9	2046	51	86	145	1.686	0.593	0.352	15.8	20.00
3463	40.7425	116.0531	-225.9	400	TS3	0	0	0	0	71	58.9	2005	40	108	158	2.700	0.684	0.253	11.4	20.00
3464	40.7425	116.0524	-227.0	410	TS3	0	0	0	0	70	59.3	1973	41	75	153	1.829	0.490	0.268	11.4	20.00
3465	40.7425	116.0518	-232.3	411	TS3	0	0	0	0	71	59.3	1955	37	107	131	2.892	0.817	0.282	22.5	20.00
3466	40.7424	116.0511	-241.5	409	TS3	0	0	0	0	70	59.3	1935	42	88	140	2.095	0.629	0.300	8.2	20.00
3467	40.7424	116.0505	-247.4	411	TS3	0	0	0	0	72	59.3	1851	46	94	92	2.043	1.022	0.500	11.7	20.00
3468	40.7424	116.0499	-252.4	421	TS3	0	0	0	0	62	59.7	2012	38	96	142	2.526	0.676	0.268	11.7	20.00
3469	40.7424	116.0492	-252.3	416	TS3	0	0	0	0	71	59.5	2024	39	158	109	4.051	1.450	0.358	24.7	20.00

P
.00
.00
.00

1 GEODATA INT. INC. SINGLE REC LISTING WINNEMUCCA MAP LINE 18

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1	40.7959	116.0019	-237.3	465	TS3	0	0	0	0	84	28.8	1422	23	65	62	2.826	1.048	0.371	-7.7	20.00
2	40.7959	116.0025	-232.9	1119	TS3	2	0	0	0	72	35.7	2101	23	63	168	2.739	0.375	0.137	2.3	20.00
4	40.7959	116.0037	-234.4	1089	TS3	2	0	0	0	76	35.6	2183	46	104	132	2.261	0.788	0.348	-4.6	20.00
5	40.7959	116.0044	-234.6	1081	TS3	2	0	0	0	69	35.6	2169	55	109	74	1.982	1.473	0.743	0.0	20.00
6	40.7960	116.0044	-235.7	1049	TS3	2	0	0	0	79	35.3	2063	46	51	89	1.109	0.573	0.517	-5.2	20.00
7	40.7960	116.0056	-235.9	1046	TS3	2	0	0	0	77	35.3	2132	63	55	134	0.873	0.410	0.470	-1.6	20.00
9	40.7961	116.0069	-236.1	1031	TS3	2	0	0	0	80	35.2	1964	34	67	97	1.971	0.691	0.351	-1.1	20.00
10	40.7962	116.0075	-236.7	1035	TS3	2	0	0	0	79	35.2	2067	64	47	136	0.734	0.346	0.471	2.7	20.00
11	40.7962	116.0081	-236.9	1030	TS3	2	0	0	0	77	35.2	2042	45	77	51	1.711	1.510	0.882	0.5	20.00
12	40.7962	116.0087	-236.5	1036	TS3	2	0	0	0	85	35.2	1977	47	69	90	1.468	0.767	0.522	2.4	20.00
13	40.7963	116.0094	-236.1	1041	TS3	2	0	0	0	73	35.2	1932	30	63	129	2.100	0.488	0.233	1.8	20.00
14	40.7963	116.0100	-235.5	1035	TS3	2	0	0	0	76	35.2	1963	36	81	137	2.250	0.591	0.263	-1.5	20.00
15	40.7964	116.0106	-234.1	1042	TS3	2	1	0	0	67	35.3	1889	26	109	33	4.192	3.303	0.788	3.4	20.00
16	40.7964	116.0112	-232.8	1037	TS3	2	1	0	0	71	35.2	1959	37	107	24	2.892	4.458	1.542	-6.0	20.00
17	40.7965	116.0119	-230.3	1045	TS3	2	0	1	0	90	35.3	2010	50	-11	180	-0.220	-0.061	0.278	-1.7	20.00
18	40.7965	116.0125	-229.1	1056	TS3	2	0	1	0	80	35.4	2050	37	5	215	0.135	0.023	0.172	4.9	20.00
19	40.7966	116.0131	-228.1	1052	TS3	2	0	0	0	82	35.3	1943	42	46	116	1.095	0.397	0.362	3.5	20.00
20	40.7966	116.0137	-226.1	1060	TS3	2	0	0	0	76	35.4	1912	30	58	173	1.933	0.335	0.173	-2.9	20.00
22	40.7967	116.0150	-222.2	1083	TS3	2	1	0	0	77	35.6	2025	63	91	5	1.444	18.200	12.600	4.2	20.00
23	40.7967	116.0156	-221.6	1083	TS3	2	0	1	0	74	35.6	1989	59	28	81	0.475	0.346	0.728	3.6	20.00
24	40.7968	116.0162	-221.1	1070	TS3	2	0	1	0	85	35.5	1929	65	9	85	0.138	0.106	0.765	-2.8	20.00
25	40.7968	116.0168	-220.6	1088	TS3	2	0	0	0	80	35.6	2028	52	56	179	1.077	0.313	0.291	4.4	20.00
26	40.7969	116.0175	-220.9	1069	TS3	2	0	0	0	82	35.5	1890	40	54	106	1.350	0.509	0.377	2.2	20.00
27	40.7969	116.0181	-220.6	1062	TS3	2	1	0	0	81	35.4	1978	32	102	22	3.188	4.636	1.455	2.5	20.00
28	40.7969	116.0187	-220.4	1069	TS3	2	0	0	0	69	35.5	1976	33	45	107	1.364	0.421	0.308	2.0	20.00
29	40.7970	116.0193	-220.8	1075	TS3	2	0	0	0	74	35.5	1985	46	68	150	1.478	0.453	0.307	5.8	20.00
30	40.7970	116.0200	-220.9	1077	TS3	2	0	0	0	74	35.5	1944	38	81	70	2.132	1.157	0.543	4.0	20.00
31	40.7970	116.0205	-220.6	1099	TS3	2	0	0	0	82	35.7	1930	30	36	167	1.200	0.216	0.180	2.6	20.00
32	40.7970	116.0210	-222.4	1112	TS3	2	0	0	0	77	35.7	2007	33	75	131	2.273	0.573	0.252	0.0	20.00
33	40.7969	116.0215	-222.4	1121	TS3	2	0	1	0	80	35.7	2099	45	21	219	0.467	0.096	0.205	8.1	20.00
34	40.7969	116.0220	-223.5	1122	TS3	2	1	0	0	79	35.7	2206	51	134	0	2.627	134.000	51.000	3.1	20.00
35	40.7969	116.0225	-223.8	1139	TS3	2	0	1	0	79	35.7	2025	54	31	154	0.574	0.201	0.351	2.0	20.00
36	40.7968	116.0230	-223.4	1135	TS3	2	0	0	0	75	35.7	1941	46	75	89	1.630	0.843	0.517	-1.2	20.00
37	40.7968	116.0235	-225.5	1138	TS3	2	0	1	0	74	35.7	1884	24	15	155	0.625	0.097	0.155	-0.7	20.00
38	40.7968	116.0240	-225.5	1128	TS3	2	0	1	0	81	35.7	1983	42	-4	216	-0.095	-0.019	0.194	-2.9	20.00
40	40.7967	116.0250	-227.3	1118	TS3	2	0	0	0	69	35.7	1939	61	45	111	0.738	0.405	0.550	-2.0	20.00
41	40.7966	116.0255	-227.1	1125	TS3	2	0	0	1	76	35.7	1949	2	96	126	48.000	0.762	0.016	0.8	20.00
42	40.7966	116.0260	-227.6	1138	TS3	2	0	1	0	81	35.7	2001	51	12	154	0.235	0.078	0.331	-0.3	20.00
43	40.7966	116.0265	-228.3	1135	TS3	2	0	0	0	84	45.2	2002	39	46	138	1.179	0.333	0.283	-1.5	20.00
45	40.7965	116.0275	-228.7	1142	TS3	2	0	0	1	80	45.2	1843	11	85	50	7.727	1.700	0.220	-1.4	20.00
46	40.7965	116.0280	-228.6	1166	TS3	2	0	1	0	92	45.2	2075	28	17	150	0.607	0.113	0.187	4.9	20.00
47	40.7964	116.0285	-228.7	1174	TS3	2	0	1	0	82	45.2	2104	55	-2	219	-0.036	-0.009	0.251	1.3	20.00
48	40.7964	116.0290	-229.8	1170	TS3	2	0	1	0	74	45.2	1993	49	13	128	0.265	0.102	0.383	-2.2	20.00
49	40.7964	116.0295	-230.8	1189	TS3	2	0	1	0	81	45.2	2056	30	8	239	0.267	0.033	0.126	0.1	20.00
50	40.7963	116.0300	-231.3	1178	TS3	2	0	0	0	82	45.2	1958	29	36	80	1.241	0.450	0.363	0.0	20.00
51	40.7963	116.0305	-230.1	1181	TS3	2	0	0	0	76	45.2	2089	54	53	80	0.981	0.663	0.675	-1.7	20.00
52	40.7963	116.0310	-229.8	1173	TS3	2	0	0	0	80	45.2	2169	56	95	103	1.696	0.922	0.544	-1.8	20.00
54	40.7962	116.0320	-232.5	1185	TS3	2	1	0	0	78	45.2	2058	52	97	31	1.865	3.129	1.677	-0.5	20.00
55	40.7962	116.0325	-231.9	1210	TS3	2	0	0	1	77	45.2	2316	12	67	238	5.583	0.282	0.050	4.3	20.00
56	40.7961	116.0330	-234.9	1161	TS3	2	0	0	0	82	45.2	2057	31	84	107	2.710	0.785	0.290	4.3	20.00
58	40.7961	116.0340	-233.1	1135	TS3	2	0	0	0	83	45.2	2075	24	88	135	3.667	0.652	0.178	4.3	20.00
59	40.7960	116.0345	-233.2	1137	TS3	2	0	1	0	88	45.2	2068	26	23	222	0.885	0.104	0.117	4.4	20.00
60	40.7960	116.0350	-233.3	1204	TS3	2	0	1	0	82	45.2	2295	51	24	213	0.471	0.113	0.239	4.4	20.00
62	40.7959	116.0360	-234.4	1137	TS3	2	0	0	0	78	45.2	2167	62	39	196	0.629	0.199	0.316	4.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
63	40.7959	116.0365	-234.2	1058	TS3	2	0	0	0	66	44.8	2084	48	60	112	1.250	0.536	0.429	4.1	20.00
64	40.7958	116.0370	-234.1	1046	TS3	2	0	0	0	72	44.7	2149	40	123	142	3.075	0.866	0.282	4.0	20.00
65	40.7958	116.0375	-234.5	1012	TS3	2	0	1	0	83	52.2	1984	42	18	128	0.429	0.141	0.328	4.0	20.00
66	40.7958	116.0380	-234.3	995	TS3	1	0	0	0	80	52.0	2094	42	39	212	0.929	0.184	0.198	3.8	20.00
67	40.7957	116.0385	-235.9	997	TS3	1	0	0	0	71	52.0	2125	42	95	167	2.262	0.569	0.251	3.8	20.00
68	40.7957	116.0390	-235.8	990	TS3	1	0	1	0	75	51.9	2101	38	5	178	0.132	0.028	0.213	3.8	20.00
69	40.7957	116.0395	-234.4	996	TS3	1	0	1	0	90	52.0	2074	60	19	181	0.317	0.105	0.331	3.8	20.00
71	40.7956	116.0405	-233.8	1005	TS3	2	0	0	1	76	52.1	2161	14	72	177	5.143	0.407	0.079	3.7	20.00
72	40.7956	116.0410	-233.5	999	TS3	1	0	1	0	73	52.0	2226	63	26	170	0.413	0.153	0.371	3.6	20.00
73	40.7955	116.0415	-234.0	982	TS3	1	0	1	0	82	51.8	2011	41	13	144	0.317	0.090	0.285	3.6	20.00
74	40.7955	116.0420	-233.1	988	TS3	1	0	0	0	72	51.9	2047	15	59	218	3.933	0.271	0.069	3.5	20.00
75	40.7955	116.0425	-232.0	1010	TS3	2	0	0	0	72	52.2	2087	39	57	125	1.462	0.456	0.312	3.4	20.00
76	40.7954	116.0430	-233.2	1001	TS3	2	0	0	0	69	52.1	2104	72	85	66	1.181	1.288	1.091	3.3	20.00
77	40.7954	116.0435	-233.1	978	TS3	1	0	0	0	78	51.8	2094	37	47	184	1.270	0.255	0.201	3.1	20.00
78	40.7953	116.0440	-232.0	945	TS3	1	0	0	0	80	51.3	2217	45	119	82	2.644	1.451	0.549	2.8	20.00
80	40.7953	116.0450	-232.1	838	TS3	1	0	0	0	69	49.8	2151	38	138	104	3.632	1.327	0.365	2.6	20.00
81	40.7952	116.0455	-232.2	837	TS3	1	0	0	0	87	49.8	2285	32	118	162	3.688	0.728	0.198	2.3	20.00
82	40.7952	116.0460	-230.9	834	TS3	1	0	0	0	83	49.8	2154	40	52	182	1.300	0.286	0.220	2.2	20.00
83	40.7952	116.0465	-231.2	780	TS3	1	0	0	0	66	48.9	2146	58	83	113	1.431	0.735	0.513	2.1	20.00
84	40.7951	116.0470	-230.0	752	TS3	1	0	1	0	76	48.5	2049	48	-30	212	-0.625	-0.142	0.226	1.8	20.00
85	40.7951	116.0475	-228.8	714	TS3	1	0	1	0	70	47.8	1928	35	1	206	0.029	0.005	0.170	1.6	20.00
86	40.7951	116.0480	-228.8	668	TS3	0	0	0	0	78	43.9	1996	52	33	156	0.635	0.212	0.333	1.4	20.00
87	40.7950	116.0485	-227.6	672	TS3	0	0	0	0	69	44.0	1965	25	126	137	5.040	0.920	0.182	1.3	20.00
89	40.7950	116.0495	-226.7	658	TS3	0	0	0	0	71	43.7	1853	33	46	143	1.394	0.322	0.231	1.2	20.00
90	40.7949	116.0500	-224.8	634	TS3	0	0	0	0	81	43.3	1850	34	53	150	1.559	0.353	0.227	1.0	20.00
91	40.7949	116.0505	-224.6	616	TS3	0	0	0	0	70	43.0	1858	40	70	125	1.750	0.560	0.320	0.8	20.00
92	40.7949	116.0510	-224.6	626	TS3	0	0	0	0	68	43.2	1855	26	115	103	4.423	1.117	0.252	0.7	20.00
94	40.7948	116.0520	-224.3	599	TS3	0	0	0	0	70	42.7	1807	31	74	121	2.387	0.612	0.256	0.7	20.00
95	40.7948	116.0525	-225.3	615	QA3	0	0	1	0	71	43.0	1956	66	6	152	0.091	0.039	0.434	0.7	20.00
96	40.7947	116.0530	-225.4	619	QA3	0	0	0	0	67	43.1	1928	50	49	124	0.980	0.395	0.403	0.7	20.00
98	40.7946	116.0540	-225.7	643	QA3	0	0	1	0	67	43.5	2180	58	19	209	0.328	0.091	0.278	0.7	20.00
99	40.7946	116.0545	-225.2	624	QA3	0	0	0	0	67	43.1	2204	53	106	162	2.000	0.654	0.327	0.6	20.00
100	40.7946	116.0550	-224.4	612	QA3	0	0	0	0	67	42.9	2046	40	105	112	2.625	0.938	0.357	0.7	20.00
101	40.7945	116.0555	-223.8	613	QA3	0	0	0	0	61	42.9	2189	47	128	146	2.723	0.877	0.322	0.7	20.00
103	40.7945	116.0565	-224.1	609	QA3	0	0	0	0	73	42.9	2138	57	43	201	0.754	0.214	0.284	0.7	20.00
104	40.7944	116.0570	-224.5	602	QA3	0	0	0	0	69	42.7	2195	53	83	161	1.566	0.516	0.329	0.7	20.00
105	40.7944	116.0575	-225.1	608	QA3	0	0	0	0	72	42.8	2118	38	87	189	2.289	0.460	0.201	0.7	20.00
107	40.7943	116.0585	-227.0	560	QA3	0	0	0	0	67	42.0	2026	45	42	189	0.933	0.222	0.238	0.8	20.00
108	40.7943	116.0590	-227.2	551	QA3	0	0	0	0	68	41.8	2047	42	73	154	1.738	0.474	0.273	0.8	20.00
109	40.7943	116.0595	-229.3	528	QA3	0	0	0	0	73	41.3	1930	40	108	122	2.700	0.885	0.328	0.8	20.00
112	40.7942	116.0610	-234.3	483	QA3	0	0	0	0	73	42.3	1871	39	101	113	2.590	0.894	0.345	0.8	20.00
113	40.7941	116.0615	-233.9	454	QA3	0	0	0	0	67	41.6	1856	58	37	139	0.638	0.266	0.417	0.8	20.00
114	40.7941	116.0620	-231.3	443	QA3	0	0	0	0	73	41.4	1831	43	70	119	1.628	0.588	0.361	0.7	20.00
115	40.7940	116.0625	-228.7	445	QA3	0	0	0	0	69	41.4	1938	32	108	161	3.375	0.671	0.199	0.7	20.00
116	40.7940	116.0630	-226.1	442	QA3	0	0	0	0	71	41.4	1943	57	69	113	1.211	0.611	0.504	0.7	20.00
117	40.7940	116.0635	-224.7	444	QA3	0	0	0	0	69	41.4	1915	50	53	127	1.060	0.417	0.394	0.6	20.00
118	40.7939	116.0640	-224.2	454	QA3	0	0	0	0	69	41.6	2132	41	73	194	1.780	0.376	0.211	0.5	20.00
120	40.7939	116.0650	-227.2	491	QA3	0	0	1	0	71	42.5	2326	44	4	299	0.091	0.013	0.147	0.4	20.00
121	40.7938	116.0655	-229.6	492	QA3	0	0	0	0	74	42.5	2422	41	86	251	2.098	0.343	0.163	0.4	20.00
122	40.7938	116.0660	-232.7	493	QA3	0	0	0	0	73	42.5	2398	37	95	251	2.568	0.378	0.147	0.4	20.00
123	40.7938	116.0665	-236.5	494	QA3	0	0	0	0	68	42.5	2466	49	91	298	1.857	0.305	0.164	0.4	20.00
125	40.7937	116.0675	-241.6	515	TS3	0	0	0	0	70	43.0	2506	50	75	261	1.500	0.287	0.192	0.5	20.00
126	40.7937	116.0680	-243.0	509	TS3	0	0	0	0	66	42.8	2336	69	54	205	0.783	0.263	0.337	0.5	20.00
127	40.7936	116.0685	-243.5	498	TS3	0	0	0	0	70	42.6	2377	50	102	246	2.040	0.415	0.203	0.5	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
129	40.7936	116.0695	-239.8	497	TS3	0	0	0	0	68	42.6	2274	59	110	152	1.864	0.724	0.388	0.6	20.00
130	40.7935	116.0700	-236.9	492	TS3	0	0	0	0	69	42.5	2332	57	58	196	1.018	0.296	0.291	0.7	20.00
131	40.7935	116.0705	-232.1	490	TS3	0	0	0	0	77	42.4	2295	46	74	201	1.609	0.368	0.229	0.8	20.00
132	40.7935	116.0710	-228.2	485	TS3	0	0	0	0	69	42.3	2258	49	74	227	1.510	0.326	0.216	0.8	20.00
133	40.7934	116.0715	-223.8	466	TS3	0	0	0	0	62	41.9	2262	53	132	175	2.491	0.754	0.303	0.9	20.00
134	40.7934	116.0720	-218.7	435	TS3	0	0	0	0	72	39.1	2283	45	110	157	2.444	0.701	0.287	1.0	20.00
135	40.7933	116.0725	-215.0	402	TS3	0	0	0	0	70	38.4	2125	60	50	194	0.833	0.258	0.309	1.1	20.00
136	40.7933	116.0730	-207.0	388	TS3	0	0	0	0	72	38.1	2147	49	157	134	3.204	1.172	0.366	1.2	20.00
138	40.7932	116.0740	-199.4	431	TS3	0	0	0	0	71	39.0	2372	73	40	253	0.548	0.158	0.289	1.3	20.00
139	40.7932	116.0745	-199.7	445	TS3	0	0	0	0	67	39.3	2323	61	63	192	1.033	0.328	0.318	1.3	20.00
140	40.7932	116.0750	-199.8	449	TS3	0	0	0	0	66	39.4	2239	55	89	188	1.618	0.473	0.293	1.6	20.00
141	40.7931	116.0755	-200.4	477	QA3	0	0	0	0	66	40.0	2276	52	159	143	3.058	1.112	0.364	1.8	20.00
143	40.7931	116.0765	-202.8	492	QA3	0	0	0	0	73	40.3	2337	40	122	203	3.050	0.601	0.197	2.1	20.00
144	40.7930	116.0770	-203.4	490	QA3	0	0	0	0	73	40.3	2395	45	167	181	3.711	0.923	0.249	2.2	20.00
145	40.7930	116.0775	-203.6	477	QA3	0	0	0	0	70	40.0	2415	58	154	140	2.655	1.100	0.414	2.3	20.00
146	40.7930	116.0780	-202.9	457	QA3	0	0	0	0	77	39.6	2370	61	151	163	2.961	0.926	0.313	2.4	20.00
147	40.7929	116.0785	-202.5	435	QA3	0	0	0	0	79	39.1	2263	54	112	174	2.074	0.644	0.310	2.7	20.00
148	40.7929	116.0790	-201.8	411	QA3	0	0	0	0	70	38.6	2310	62	140	185	2.258	0.757	0.335	3.0	20.00
149	40.7929	116.0795	-200.3	397	QA3	0	0	0	0	68	38.3	2253	47	117	209	2.489	0.560	0.225	3.3	20.00
150	40.7928	116.0800	-197.5	386	QA3	0	0	0	0	67	38.0	2322	64	77	204	1.203	0.377	0.314	3.6	20.00
151	40.7928	116.0805	-196.3	374	QA3	0	0	0	0	69	37.7	2237	60	60	208	1.000	0.288	0.288	3.8	20.00
152	40.7928	116.0810	-194.2	360	TS3	0	0	0	0	74	37.4	2182	55	66	194	1.200	0.340	0.284	4.0	20.00
153	40.7927	116.0815	-193.0	344	TS3	0	0	0	0	65	37.0	2199	58	84	174	1.448	0.483	0.333	4.4	20.00
154	40.7927	116.0820	-190.7	332	TS3	0	0	0	0	64	36.8	2278	77	87	194	1.130	0.460	0.407	4.7	20.00
156	40.7926	116.0830	-186.0	298	TS3	0	0	0	0	72	37.3	2236	65	45	225	0.692	0.200	0.289	4.7	20.00
157	40.7926	116.0835	-183.5	288	TS3	0	0	0	0	68	37.1	2188	53	101	196	1.906	0.515	0.270	4.9	20.00
158	40.7925	116.0840	-180.1	281	TS3	0	0	0	0	73	36.9	2096	41	123	162	3.000	0.759	0.253	5.1	20.00
160	40.7925	116.0850	-185.9	313	TS3	0	0	0	0	63	37.7	2051	62	87	196	1.403	0.444	0.316	5.3	20.00
161	40.7924	116.0855	-188.1	327	TS3	0	0	0	0	71	38.1	2085	68	56	181	0.824	0.309	0.376	5.6	20.00
162	40.7924	116.0860	-189.7	331	TS3	0	0	0	0	71	38.2	2095	55	93	182	1.691	0.511	0.302	5.8	20.00
163	40.7924	116.0865	-192.2	355	TS3	0	0	0	0	65	38.8	2111	39	116	186	2.974	0.624	0.210	6.0	20.00
164	40.7923	116.0870	-194.4	373	TS3	0	0	0	0	72	39.2	2102	55	79	171	1.436	0.462	0.322	6.1	20.00
165	40.7923	116.0875	-196.3	398	TS3	0	0	0	0	76	39.8	2090	39	106	167	2.718	0.635	0.234	6.2	20.00
166	40.7923	116.0881	-197.6	459	TS3	0	0	0	0	65	41.2	2155	63	42	187	0.667	0.225	0.337	6.2	20.00
167	40.7922	116.0886	-200.7	493	TS3	0	0	0	0	74	41.9	2244	55	72	219	1.309	0.329	0.251	6.3	20.00
169	40.7922	116.0896	-205.4	499	TS3	0	0	0	0	77	42.0	2309	66	37	202	0.561	0.183	0.327	6.4	20.00
170	40.7921	116.0901	-207.8	499	TS3	0	0	0	0	66	42.0	2247	66	65	212	0.985	0.307	0.311	6.6	20.00
171	40.7921	116.0906	-210.1	510	TS3	0	0	0	0	78	42.3	2130	49	145	108	2.959	1.343	0.454	7.0	20.00
172	40.7920	116.0911	-211.8	529	TS3	0	0	0	0	74	42.7	2275	36	149	146	4.139	1.021	0.247	7.3	20.00
174	40.7920	116.0921	-213.7	569	TS3	0	0	0	0	75	43.5	2158	69	93	102	1.348	0.912	0.676	7.6	20.00
175	40.7919	116.0926	-214.2	585	TS3	0	0	0	0	75	43.8	2164	48	87	149	1.813	0.584	0.322	7.9	20.00
176	40.7919	116.0931	-215.7	604	TS3	0	0	0	0	71	44.1	2113	51	102	110	2.000	0.927	0.464	8.2	20.00
178	40.7918	116.0941	-218.3	645	TS3	0	0	0	0	79	44.9	2115	47	36	231	0.766	0.156	0.203	8.5	20.00
179	40.7918	116.0946	-219.9	657	TS3	0	0	0	0	66	29.3	2123	65	48	162	0.738	0.296	0.401	8.8	20.00
180	40.7918	116.0951	-220.8	678	TS3	0	0	0	0	66	29.6	2034	65	58	116	0.892	0.500	0.560	9.2	20.00
183	40.7917	116.0966	-223.2	740	TS3	1	0	0	0	68	30.3	2070	48	110	105	2.292	1.048	0.457	9.3	20.00
184	40.7916	116.0971	-224.5	746	TS3	1	0	0	0	76	30.3	2171	69	58	176	0.841	0.330	0.392	9.5	20.00
185	40.7916	116.0976	-225.2	735	TS3	1	0	0	0	70	30.2	2106	55	56	132	1.018	0.424	0.417	9.6	20.00
186	40.7916	116.0981	-225.5	712	TS3	1	0	0	0	74	30.0	2089	55	109	91	1.982	1.198	0.604	9.6	20.00
187	40.7915	116.0986	-226.0	695	TS3	0	0	0	0	69	29.8	2044	35	64	178	1.829	0.360	0.197	9.7	20.00
188	40.7915	116.0991	-226.6	736	TS3	1	0	0	0	63	30.2	2172	38	108	160	2.842	0.675	0.238	9.9	20.00
189	40.7915	116.0996	-226.9	742	TS3	1	0	0	0	67	30.3	2193	55	125	160	2.273	0.781	0.344	10.0	20.00
191	40.7914	116.1006	-229.9	623	TS3	0	0	0	0	69	28.9	2023	70	98	100	1.400	0.980	0.700	9.9	20.00
192	40.7913	116.1011	-231.0	596	TS3	0	0	0	0	74	28.6	2051	57	75	136	1.316	0.551	0.419	9.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
193	40.7913	116.1016	-232.6	593	TS3	0	0	0	0	65	28.6	2120	54	110	142	2.037	0.775	0.380	10.0	20.00
194	40.7913	116.1021	-232.2	542	TS3	0	0	0	0	66	27.9	2130	38	92	140	2.421	0.657	0.271	10.0	20.00
195	40.7912	116.1026	-231.2	497	TS3	0	0	0	0	69	27.3	2011	40	119	168	2.975	0.708	0.238	10.0	20.00
196	40.7912	116.1031	-229.8	493	TS3	0	0	0	0	72	27.3	2135	51	130	129	2.549	1.008	0.395	10.0	20.00
197	40.7912	116.1036	-228.2	490	TS3	0	0	0	0	72	27.2	2221	66	81	191	1.227	0.424	0.346	10.0	20.00
198	40.7911	116.1041	-228.9	487	TS3	0	0	0	0	62	27.2	2154	40	173	163	4.325	1.061	0.245	10.0	20.00
200	40.7911	116.1051	-232.1	486	TS3	0	0	0	0	68	27.2	2333	62	87	226	1.403	0.385	0.274	10.0	20.00
201	40.7910	116.1056	-231.3	479	TS3	0	0	0	0	81	27.1	2332	73	76	216	1.041	0.352	0.338	9.8	20.00
202	40.7910	116.1061	-232.4	461	TS3	0	0	0	0	69	20.8	2279	68	102	174	1.500	0.586	0.391	9.6	20.00
203	40.7910	116.1066	-231.4	438	TS3	0	0	0	0	78	20.6	2310	61	86	212	1.410	0.406	0.288	9.6	20.00
204	40.7909	116.1071	-230.6	428	TS3	0	0	0	0	70	20.4	2418	71	76	191	1.070	0.398	0.372	9.7	20.00
205	40.7909	116.1076	-231.5	423	TS3	0	0	0	0	64	20.4	2382	52	93	236	1.788	0.394	0.220	10.0	20.00
206	40.7909	116.1081	-233.6	424	TS3	0	0	0	0	75	20.4	2481	81	131	196	1.617	0.668	0.413	10.1	20.00
207	40.7908	116.1086	-233.0	421	TS3	0	0	0	0	74	20.4	2471	73	163	191	2.233	0.853	0.382	10.0	20.00
209	40.7907	116.1096	-233.9	407	TS3	0	0	0	0	75	20.2	2593	54	183	222	3.389	0.824	0.243	9.9	20.00
210	40.7907	116.1101	-233.9	418	TS3	0	0	0	0	72	20.3	2600	80	147	219	1.838	0.671	0.365	9.8	20.00
211	40.7907	116.1106	-235.0	426	TS3	0	0	0	0	65	20.4	2541	73	132	227	1.808	0.581	0.322	9.6	20.00
214	40.7906	116.1121	-236.9	451	TS3	0	0	0	0	72	20.7	2479	58	133	221	2.293	0.602	0.262	9.8	20.00
215	40.7905	116.1126	-236.4	441	TS3	0	0	0	0	73	20.6	2521	70	142	199	2.029	0.714	0.352	9.7	20.00
216	40.7905	116.1131	-236.3	430	TS3	0	0	0	0	76	20.5	2375	50	168	181	3.360	0.928	0.276	9.5	20.00
217	40.7905	116.1136	-235.7	425	TS3	0	0	0	0	66	20.4	2411	69	51	226	0.739	0.226	0.305	9.5	20.00
218	40.7904	116.1141	-234.7	417	TS3	0	0	0	0	66	20.3	2346	50	142	174	2.840	0.816	0.287	9.3	20.00
219	40.7904	116.1146	-234.0	420	TS3	0	0	0	0	61	20.4	2378	51	146	208	2.863	0.702	0.245	9.2	20.00
220	40.7904	116.1151	-232.9	417	TS3	0	0	0	0	67	20.3	2370	73	102	197	1.397	0.518	0.371	9.1	20.00
222	40.7903	116.1161	-231.9	385	TS3	0	0	0	0	66	19.9	2122	63	74	182	1.175	0.407	0.346	8.9	20.00
223	40.7903	116.1166	-232.4	378	TS3	0	0	0	0	78	19.9	2121	48	68	200	1.417	0.340	0.240	8.6	20.00
224	40.7902	116.1171	-232.2	359	TS3	0	0	0	0	73	23.9	1928	44	100	168	2.273	0.595	0.262	8.6	20.00
225	40.7902	116.1176	-231.1	349	TS3	0	0	0	0	68	23.7	1888	52	88	163	1.692	0.540	0.319	8.6	20.00
226	40.7902	116.1181	-231.0	372	TS3	0	0	0	0	71	24.0	2025	57	78	190	1.368	0.411	0.300	8.7	20.00
227	40.7901	116.1186	-230.2	374	TS3	0	0	0	0	72	24.1	1964	51	107	127	2.098	0.843	0.402	8.7	20.00
228	40.7901	116.1191	-230.0	372	TS3	0	0	0	0	67	24.1	1973	39	119	152	3.051	0.783	0.257	8.8	20.00
229	40.7900	116.1196	-230.4	370	TS3	0	0	0	0	80	24.0	1914	30	98	186	3.267	0.527	0.161	8.7	20.00
231	40.7900	116.1206	-232.1	345	TS3	0	0	0	0	64	23.6	1892	32	129	156	4.031	0.827	0.205	8.4	20.00
232	40.7899	116.1211	-233.3	346	TS3	0	0	0	0	64	23.7	1941	57	56	179	0.982	0.313	0.318	8.2	20.00
233	40.7899	116.1216	-234.0	333	TS3	0	0	0	0	70	23.5	1943	48	96	148	2.000	0.649	0.324	8.1	20.00
234	40.7899	116.1221	-234.7	321	TS3	0	0	0	0	62	23.3	1965	44	131	144	2.977	0.910	0.306	7.9	20.00
236	40.7898	116.1231	-236.6	300	TS3	0	0	0	0	70	23.0	1987	58	85	158	1.466	0.538	0.367	7.8	20.00
237	40.7898	116.1236	-233.7	313	TS3	0	0	0	0	66	23.1	2207	72	64	197	0.889	0.325	0.365	7.5	20.00
238	40.7897	116.1241	-229.2	316	TS3	0	0	0	0	72	23.2	2164	55	154	170	2.800	0.906	0.324	7.3	20.00
240	40.7897	116.1251	-225.9	353	TS3	0	0	0	0	71	23.8	2417	52	199	198	3.827	1.005	0.263	7.2	20.00
241	40.7896	116.1256	-226.0	358	TS3	0	0	0	0	70	23.8	2386	43	157	205	3.651	0.766	0.210	7.0	20.00
242	40.7896	116.1261	-227.0	373	TS3	0	0	0	0	64	24.1	2417	52	132	228	2.538	0.579	0.228	7.0	20.00
243	40.7896	116.1266	-227.9	369	TS3	0	0	0	0	62	24.0	2286	65	117	156	1.800	0.750	0.417	7.1	20.00
244	40.7895	116.1271	-227.9	386	TS3	0	0	0	0	68	24.3	2409	63	137	203	2.175	0.675	0.310	7.0	20.00
245	40.7895	116.1276	-228.6	405	TS3	0	0	0	0	67	24.5	2448	60	105	222	1.750	0.473	0.270	6.9	20.00
246	40.7894	116.1281	-229.6	422	TS3	0	0	0	0	68	40.9	2515	49	135	219	2.755	0.616	0.224	6.9	20.00
247	40.7894	116.1286	-228.7	422	TS3	0	0	0	0	64	40.9	2423	68	171	136	2.515	1.257	0.500	6.7	20.00
248	40.7894	116.1291	-229.7	417	TS3	0	0	0	0	61	40.8	2377	56	214	150	3.821	1.427	0.373	6.5	20.00
249	40.7893	116.1296	-229.0	415	TS3	0	0	0	0	69	40.8	2413	77	100	189	1.299	0.529	0.407	6.5	20.00
250	40.7893	116.1301	-228.7	416	TS3	0	0	0	0	67	40.8	2440	71	114	196	1.606	0.582	0.362	6.5	20.00
251	40.7893	116.1306	-228.0	417	TS3	0	0	0	0	75	40.8	2446	66	131	181	1.985	0.724	0.365	6.6	20.00
253	40.7892	116.1316	-227.1	376	TS3	0	0	0	0	67	39.8	2360	84	47	171	0.560	0.275	0.491	6.6	20.00
254	40.7892	116.1321	-227.1	391	TS3	0	0	0	0	74	40.2	2526	67	117	211	1.746	0.555	0.318	6.6	20.00
255	40.7891	116.1326	-229.9	398	TS3	0	0	0	0	78	40.4	2527	66	87	244	1.318	0.357	0.270	6.6	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
256	40.7891	116.1331	-231.5	373	TS3	0	0	0	0	71	39.8	2537	60	131	208	2.183	0.630	0.288	6.6	20.00
257	40.7891	116.1336	-232.6	375	TS3	0	0	0	0	69	39.8	2495	73	160	166	2.192	0.964	0.440	6.5	20.00
258	40.7890	116.1341	-233.0	402	TS3	0	0	0	0	65	40.4	2474	59	110	217	1.864	0.507	0.272	6.6	20.00
259	40.7890	116.1346	-233.7	429	TS3	0	0	0	0	68	41.1	2627	70	153	219	2.186	0.699	0.320	6.6	20.00
260	40.7890	116.1351	-234.6	447	TS3	0	0	0	0	67	41.5	2695	71	151	195	2.127	0.774	0.364	6.6	20.00
262	40.7889	116.1361	-233.4	468	TS3	0	0	0	0	74	42.0	2492	70	119	204	1.700	0.583	0.343	6.5	20.00
263	40.7889	116.1366	-230.6	463	TS3	0	0	0	0	69	41.9	2422	64	138	197	2.156	0.701	0.325	6.3	20.00
264	40.7888	116.1371	-227.8	431	TS3	0	0	0	0	74	41.1	2265	58	120	178	2.069	0.674	0.326	6.0	20.00
265	40.7888	116.1376	-225.1	405	TS3	0	0	0	0	70	40.5	2254	67	74	216	1.104	0.343	0.310	6.0	20.00
266	40.7887	116.1381	-224.2	412	TS3	0	0	0	0	71	40.7	2300	65	127	158	1.954	0.804	0.411	6.0	20.00
267	40.7887	116.1386	-225.9	427	TS3	0	0	0	0	74	54.3	2197	57	49	209	0.860	0.234	0.273	6.0	20.00
268	40.7887	116.1391	-229.9	448	TS3	0	0	0	0	63	55.0	2364	73	90	202	1.233	0.446	0.361	5.9	20.00
269	40.7886	116.1396	-230.1	461	TS3	0	0	0	0	64	55.3	2384	67	66	227	0.985	0.291	0.295	5.8	20.00
270	40.7886	116.1401	-233.3	457	TS3	0	0	1	0	77	55.2	2452	79	26	224	0.329	0.116	0.353	5.6	20.00
271	40.7886	116.1406	-234.8	471	TS3	0	0	0	0	73	55.6	2480	76	111	210	1.461	0.529	0.362	5.4	20.00
272	40.7885	116.1411	-236.5	486	TS3	0	0	0	0	62	56.0	2573	75	67	255	0.893	0.263	0.294	5.4	20.00
273	40.7885	116.1416	-236.9	491	TS3	0	0	1	0	75	56.2	2557	84	31	238	0.369	0.130	0.353	5.6	20.00
274	40.7885	116.1421	-236.7	493	TS3	0	0	0	0	71	56.3	2489	77	79	252	1.026	0.313	0.306	5.7	20.00
275	40.7884	116.1426	-236.1	496	TS3	0	0	0	0	71	56.4	2478	74	115	174	1.554	0.661	0.425	5.8	20.00
276	40.7884	116.1431	-235.7	497	TS3	0	0	0	0	66	56.4	2429	64	117	165	1.828	0.709	0.388	5.9	20.00
277	40.7884	116.1436	-235.9	490	TS3	0	0	0	0	76	56.2	2518	80	84	207	1.050	0.406	0.386	6.1	20.00
278	40.7883	116.1441	-234.8	480	TS3	0	0	0	0	71	55.9	2437	58	81	219	1.397	0.370	0.265	6.2	20.00
279	40.7883	116.1446	-235.1	469	TS3	0	0	0	0	61	55.6	2597	78	118	180	1.513	0.656	0.433	6.2	20.00
280	40.7883	116.1451	-234.8	454	TS3	0	0	0	0	83	55.1	2565	94	100	149	1.064	0.671	0.631	6.2	20.00
281	40.7883	116.1457	-234.4	434	TS3	0	0	0	0	67	54.5	2590	63	154	184	2.444	0.837	0.342	6.1	20.00
282	40.7883	116.1463	-233.1	390	TS3	0	0	0	0	75	53.2	2479	57	106	234	1.860	0.453	0.244	5.9	20.00
284	40.7884	116.1475	-230.6	338	TS3	0	0	0	0	73	51.5	2524	76	130	178	1.711	0.730	0.427	6.0	20.00
285	40.7884	116.1480	-232.7	345	TS3	0	0	0	0	83	51.7	2543	64	112	233	1.750	0.481	0.275	5.9	20.00
286	40.7884	116.1486	-234.4	362	TS3	0	0	0	0	72	52.3	2539	76	37	287	0.487	0.129	0.265	6.0	20.00
287	40.7885	116.1492	-236.3	391	TS3	0	0	0	0	69	62.2	2660	55	124	259	2.255	0.479	0.212	6.2	20.00
288	40.7885	116.1498	-238.3	409	TS3	0	0	0	0	69	62.8	2634	70	121	247	1.729	0.490	0.283	6.3	20.00
289	40.7885	116.1504	-238.2	405	TS3	0	0	0	0	72	62.7	2557	82	83	226	1.012	0.367	0.363	6.3	20.00
290	40.7886	116.1510	-238.2	370	TS3	0	0	0	0	73	61.4	2507	65	139	200	2.138	0.695	0.325	6.2	20.00
291	40.7886	116.1515	-235.9	333	TS3	0	0	0	0	64	59.9	2465	74	132	196	1.784	0.673	0.378	6.1	20.00
292	40.7886	116.1521	-236.9	321	TS3	0	0	0	0	63	59.5	2405	45	194	182	4.311	1.066	0.247	6.1	20.00
293	40.7887	116.1527	-236.7	354	TS3	0	0	0	0	63	60.7	2266	46	155	152	3.370	1.020	0.303	6.0	20.00
294	40.7887	116.1533	-238.3	390	TS3	0	0	0	0	69	62.1	2284	51	134	181	2.627	0.740	0.282	5.9	20.00
295	40.7887	116.1539	-238.7	422	TS3	0	0	0	0	66	63.3	2291	46	76	205	1.652	0.371	0.224	5.9	20.00
297	40.7888	116.1551	-237.5	446	TS3	0	0	0	0	70	64.1	2240	44	126	147	2.864	0.857	0.299	5.8	20.00
298	40.7888	116.1556	-235.9	453	TS3	0	0	0	0	69	64.4	2227	47	134	156	2.851	0.859	0.301	5.8	20.00
299	40.7889	116.1562	-236.2	453	TS3	0	0	0	0	76	64.4	2211	50	63	224	1.260	0.281	0.223	5.8	20.00
300	40.7889	116.1568	-236.3	460	QA2	0	0	0	0	69	64.6	2216	60	46	191	0.767	0.241	0.314	5.9	20.00
301	40.7889	116.1574	-237.0	488	QA2	0	0	0	0	71	65.6	2141	44	74	184	1.682	0.402	0.239	5.9	20.00
302	40.7890	116.1580	-237.1	492	QA2	0	0	0	0	72	65.7	2208	55	42	196	0.764	0.214	0.281	5.8	20.00
303	40.7890	116.1586	-235.0	495	QA2	0	0	0	0	62	65.8	2210	23	110	187	4.783	0.588	0.123	5.8	20.00
304	40.7890	116.1591	-235.0	483	QA2	0	0	0	0	73	65.4	2091	40	95	152	2.375	0.625	0.263	5.8	20.00
305	40.7891	116.1597	-234.7	469	QA2	0	0	0	0	74	64.9	2051	53	95	128	1.792	0.742	0.414	5.8	20.00
306	40.7891	116.1603	-234.0	455	QA2	0	0	0	0	74	64.4	2026	62	79	139	1.274	0.568	0.446	5.7	20.00
307	40.7891	116.1609	-235.8	459	QA2	0	0	0	0	71	72.7	2123	27	108	166	4.000	0.651	0.163	5.6	20.00
308	40.7891	116.1615	-235.7	435	QA2	0	0	0	0	68	71.8	2197	41	64	184	1.561	0.348	0.223	5.6	20.00
309	40.7892	116.1621	-235.0	414	QA2	0	0	0	0	80	70.9	2151	58	85	157	1.466	0.541	0.369	5.7	20.00
310	40.7892	116.1626	-233.2	405	QA2	0	0	0	0	67	70.6	2081	53	46	161	0.868	0.286	0.329	5.7	20.00
311	40.7892	116.1632	-231.9	401	QA2	0	0	1	0	75	70.4	2073	54	27	175	0.500	0.154	0.309	5.9	20.00
312	40.7893	116.1638	-231.4	387	QA2	0	0	0	0	65	69.8	1972	54	28	177	0.519	0.158	0.305	6.0	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
313	40.7893	116.1644	-232.7	401	QA2	0	0	0	0	60	70.4	1991	55	60	130	1.091	0.462	0.423	6.0	20.00
314	40.7893	116.1650	-231.5	435	QA2	0	0	0	0	67	71.8	1989	47	38	132	0.809	0.288	0.356	6.2	20.00
315	40.7894	116.1656	-230.8	482	QA2	0	0	0	0	67	73.6	1978	33	56	154	1.697	0.364	0.214	6.3	20.00
316	40.7894	116.1662	-230.0	505	QA2	0	0	1	0	73	74.5	2016	48	21	159	0.438	0.132	0.302	6.3	20.00
317	40.7894	116.1667	-228.2	523	QA2	0	0	0	0	67	75.1	2046	32	72	137	2.250	0.526	0.234	6.3	20.00
318	40.7895	116.1673	-227.0	503	QA2	0	0	0	0	68	74.4	1982	46	47	147	1.022	0.320	0.313	6.2	20.00
319	40.7895	116.1679	-226.2	497	QA2	0	0	0	0	70	74.1	2183	52	92	101	1.769	0.911	0.515	6.1	20.00
320	40.7895	116.1685	-225.0	477	QA2	0	0	0	0	69	73.4	2044	53	40	149	0.755	0.268	0.356	6.0	20.00
321	40.7896	116.1690	-225.5	463	QA2	0	0	0	0	78	72.9	2104	55	50	134	0.909	0.373	0.410	6.1	20.00
322	40.7896	116.1695	-225.8	451	QA2	0	0	1	0	69	72.4	2153	72	-16	189	-0.222	-0.085	0.381	6.0	20.00
323	40.7896	116.1701	-225.1	437	QA2	0	0	0	0	71	71.9	2160	57	44	178	0.772	0.247	0.320	6.0	20.00
324	40.7896	116.1706	-225.2	435	QA2	0	0	0	0	74	71.8	2123	46	89	130	1.935	0.685	0.354	5.9	20.00
325	40.7896	116.1711	-223.5	445	QA2	0	0	1	0	68	72.2	2169	68	30	204	0.441	0.147	0.333	5.8	20.00
326	40.7897	116.1716	-223.2	472	QA2	0	0	0	0	75	74.4	2274	61	97	153	1.590	0.634	0.399	5.6	20.00
328	40.7897	116.1727	-221.1	492	QA2	0	0	1	0	72	75.1	2327	80	-26	237	-0.325	-0.110	0.338	5.4	20.00
329	40.7897	116.1732	-220.2	497	QA2	0	0	0	0	69	75.3	2353	53	58	237	1.094	0.245	0.224	5.3	20.00
330	40.7898	116.1737	-219.1	495	QA2	0	0	0	0	66	75.2	2317	83	49	163	0.590	0.301	0.509	5.1	20.00
331	40.7898	116.1742	-217.7	467	QA2	0	0	0	0	66	74.2	2332	65	128	143	1.969	0.895	0.455	4.8	20.00
332	40.7898	116.1748	-215.7	428	QA2	0	0	0	0	74	72.6	2410	63	88	207	1.397	0.425	0.304	4.6	20.00
333	40.7898	116.1753	-217.1	407	QA2	0	0	0	0	69	71.8	2397	55	93	175	1.691	0.531	0.314	4.6	20.00
334	40.7898	116.1758	-216.4	414	QA2	0	0	0	0	64	72.1	2423	73	74	193	1.014	0.383	0.378	4.6	20.00
335	40.7899	116.1763	-215.5	425	QTSU	0	0	0	0	78	72.5	2572	75	106	161	1.413	0.658	0.466	4.8	20.00
336	40.7899	116.1768	-215.5	410	QTSU	0	0	0	0	72	71.9	2550	77	104	175	1.351	0.594	0.440	4.8	20.00
337	40.7899	116.1774	-214.1	418	QTSU	0	0	0	0	73	72.2	2715	83	131	208	1.578	0.630	0.399	4.7	20.00
338	40.7899	116.1779	-213.0	418	QTSU	0	0	0	0	72	72.2	2562	62	181	167	2.919	1.084	0.371	4.8	20.00
339	40.7899	116.1784	-211.7	404	QTSU	0	0	0	0	77	71.6	2640	71	87	232	1.225	0.375	0.306	4.6	20.00
341	40.7900	116.1795	-205.9	358	QTSU	0	0	0	0	68	69.7	2540	73	110	185	1.507	0.595	0.395	4.4	20.00
342	40.7900	116.1800	-201.8	325	QTSU	0	0	0	0	77	68.2	2467	54	155	183	2.870	0.847	0.295	4.4	20.00
343	40.7900	116.1805	-196.0	295	QTSU	0	0	0	0	79	66.8	2231	47	83	182	1.766	0.456	0.258	4.3	20.00
344	40.7901	116.1810	-192.8	300	QTSU	0	0	1	0	67	67.0	2279	74	17	194	0.230	0.088	0.381	4.3	20.00
345	40.7901	116.1815	-195.4	345	QTSU	0	0	0	0	64	69.1	2412	60	113	213	1.883	0.531	0.282	4.4	20.00
346	40.7901	116.1821	-198.4	392	QTSU	0	0	0	0	67	71.1	2406	77	31	229	0.403	0.135	0.336	4.5	20.00
347	40.7901	116.1826	-200.0	422	QTSU	0	0	0	0	63	63.8	2566	81	78	198	0.963	0.394	0.409	4.5	20.00
348	40.7901	116.1831	-200.9	428	QTSU	0	0	1	0	75	64.0	2565	92	30	232	0.326	0.129	0.397	4.5	20.00
349	40.7902	116.1836	-200.9	417	QTSU	0	0	0	0	73	63.6	2773	87	76	224	0.874	0.339	0.388	4.5	20.00
350	40.7902	116.1842	-199.7	396	QTSU	0	0	0	0	73	62.9	2693	83	135	211	1.627	0.640	0.393	4.4	20.00
351	40.7902	116.1847	-199.7	377	QTSU	0	0	0	0	78	62.1	2648	59	218	140	3.695	1.557	0.421	4.4	20.00
352	40.7902	116.1852	-200.2	368	QTSU	0	0	0	0	66	61.8	2549	82	126	190	1.537	0.663	0.432	4.3	20.00
354	40.7903	116.1862	-200.4	385	QTSU	0	0	0	0	79	62.4	2521	50	150	184	3.000	0.815	0.272	4.2	20.00
355	40.7903	116.1868	-199.5	422	QTSU	0	0	0	0	66	63.8	2597	75	58	245	0.763	0.237	0.310	4.3	20.00
356	40.7903	116.1873	-198.1	453	QTSU	0	0	0	0	67	64.9	2546	73	71	226	0.973	0.314	0.323	4.4	20.00
357	40.7903	116.1878	-197.0	455	QTSU	0	0	0	0	63	65.0	2462	75	50	209	0.667	0.239	0.359	4.4	20.00
358	40.7904	116.1883	-194.5	439	QTSU	0	0	0	0	74	64.4	2443	66	90	220	1.364	0.409	0.300	4.5	20.00
359	40.7904	116.1889	-192.2	433	QTSU	0	0	0	0	64	64.2	2328	73	83	169	1.137	0.491	0.432	4.4	20.00
360	40.7904	116.1894	-189.2	421	QTSU	0	0	0	0	65	63.8	2272	60	92	152	1.533	0.605	0.395	4.3	20.00
361	40.7904	116.1899	-188.1	423	QTSU	0	0	0	0	73	63.8	2275	69	54	174	0.783	0.310	0.397	4.3	20.00
362	40.7905	116.1904	-186.2	432	QTSU	0	0	0	0	72	64.2	2098	63	109	79	1.730	1.330	0.797	4.4	20.00
363	40.7905	116.1909	-185.3	438	QTSU	0	0	1	0	76	64.4	2100	59	9	173	0.153	0.052	0.341	4.3	20.00
364	40.7905	116 1915	-183.0	436	QTSU	0	0	0	0	72	64.3	2069	47	57	153	1.213	0.373	0.307	4.1	20.00
365	40.7905	116.1920	-181.4	427	QTSU	0	0	0	0	74	64.0	2026	65	71	142	1.092	0.500	0.458	3.9	20.00
366	40.7905	116.1925	-179.6	423	QTSU	0	0	0	0	71	63.8	2043	55	66	137	1.200	0.482	0.401	3.7	20.00
367	40.7906	116.1930	-176.8	423	QTSU	0	0	0	0	70	51.7	2048	44	38	207	0.864	0.184	0.213	3.6	20.00
368	40.7906	116.1936	-175.4	420	QTSU	0	0	0	0	64	51.6	1981	41	51	161	1.244	0.317	0.255	3.6	20.00
369	40.7906	116.1941	-175.3	425	QTSU	0	0	0	0	69	51.8	2018	37	38	208	1.027	0.183	0.178	3.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
370	40.7906	116.1946	-178.7	428	QTSU	0	0	0	0	64	51.8	2020	47	67	142	1.426	0.472	0.331	3.4	20.00
372	40.7907	116.1956	-190.3	390	QTSU	0	0	0	0	66	50.7	1943	55	52	150	0.945	0.347	0.367	3.2	20.00
373	40.7907	116.1962	-196.3	340	QTSU	0	0	0	0	72	49.2	1826	45	123	102	2.733	1.206	0.441	3.3	20.00
374	40.7907	116.1967	-199.3	301	QTSU	0	0	0	0	70	47.9	1773	28	118	133	4.214	0.887	0.211	3.2	20.00
376	40.7908	116.1977	-201.1	301	QTSU	0	0	1	0	78	47.9	1777	37	7	186	0.189	0.038	0.199	3.3	20.00
377	40.7908	116.1983	-200.0	309	QTSU	0	0	0	0	72	48.2	1868	40	130	137	3.250	0.949	0.292	3.3	20.00
378	40.7908	116.1988	-198.8	320	QTSU	0	0	0	0	70	48.5	1818	31	99	148	3.194	0.669	0.209	3.4	20.00
379	40.7908	116.1993	-197.0	336	QTSU	0	0	0	0	79	49.0	1892	42	93	112	2.214	0.830	0.375	3.4	20.00
380	40.7908	116.1998	-196.8	355	QTSU	0	0	0	0	72	49.6	2033	37	122	146	3.297	0.836	0.253	3.5	20.00
381	40.7909	116.2003	-194.6	362	QTSU	0	0	0	0	80	49.8	2074	42	107	161	2.548	0.665	0.261	3.5	20.00
382	40.7909	116.2009	-192.6	382	QTSU	0	0	0	0	77	50.5	2067	43	90	160	2.093	0.563	0.269	3.6	20.00
383	40.7909	116.2014	-191.8	403	QTSU	0	0	0	0	76	51.1	2195	40	136	146	3.400	0.932	0.274	3.7	20.00
385	40.7910	116.2024	-190.7	453	QTSU	0	0	0	0	72	52.6	2346	45	144	160	3.200	0.900	0.281	3.7	20.00
386	40.7910	116.2030	-190.4	445	QTSU	0	0	0	0	69	52.3	2284	27	148	163	5.481	0.908	0.166	3.8	20.00
387	40.7910	116.2035	-189.2	425	QTSU	0	0	0	0	75	51.8	2285	28	197	139	7.036	1.417	0.201	3.9	20.00
388	40.7910	116.2040	-187.4	424	QTSU	0	0	0	0	73	51.7	2196	36	170	137	4.722	1.241	0.263	4.0	20.00
389	40.7910	116.2045	-186.9	439	QTSU	0	0	0	0	69	40.6	2249	34	126	189	3.706	0.667	0.180	4.0	20.00
390	40.7911	116.2050	-185.0	447	QTSU	0	0	0	0	68	40.8	2203	43	122	170	2.837	0.718	0.253	4.1	20.00
391	40.7911	116.2056	-184.8	460	QTSU	0	0	0	0	67	41.1	2297	40	147	176	3.675	0.835	0.227	4.0	20.00
392	40.7911	116.2061	-182.8	480	QTSU	0	0	0	0	66	41.5	2262	44	166	167	3.773	0.994	0.263	4.0	20.00
393	40.7911	116.2066	-180.9	447	QTSU	0	0	0	0	73	40.8	2232	55	123	138	2.236	0.891	0.399	4.1	20.00
394	40.7912	116.2071	-180.5	404	QTSU	0	0	0	0	79	39.8	2125	37	130	148	3.514	0.878	0.250	4.1	20.00
395	40.7912	116.2077	-179.4	400	QTSU	0	0	0	0	77	39.7	2004	38	123	137	3.237	0.898	0.277	4.2	20.00
396	40.7912	116.2082	-177.8	422	QTSU	0	0	0	0	76	40.2	2081	35	130	174	3.714	0.747	0.201	4.2	20.00
398	40.7912	116.2092	-175.9	418	QTSU	0	0	0	0	73	40.1	2019	39	87	159	2.231	0.547	0.245	4.3	20.00
399	40.7913	116.2097	-174.5	431	QTSU	0	0	0	0	73	40.4	2078	50	85	140	1.700	0.607	0.357	4.2	20.00
400	40.7913	116.2103	-173.3	475	DSRM2	0	0	0	0	66	41.4	2134	58	41	174	0.707	0.236	0.333	4.3	20.00
401	40.7913	116.2108	-172.0	492	DSRM2	0	0	0	0	68	41.7	2039	40	74	180	1.850	0.411	0.222	4.2	20.00
402	40.7913	116.2113	-171.6	471	DSRM2	0	0	0	0	75	41.3	2023	31	120	168	3.871	0.714	0.185	4.2	20.00
403	40.7913	116.2118	-170.3	399	DSRM2	0	0	0	0	77	39.7	1855	15	125	135	8.333	0.926	0.111	4.2	20.00
404	40.7914	116.2124	-169.8	339	DSRM2	0	0	0	0	79	38.3	1812	23	154	123	6.696	1.252	0.187	4.3	20.00
405	40.7914	116.2129	-168.5	352	DSRM2	0	0	0	0	71	38.6	1788	30	84	157	2.800	0.535	0.191	4.2	20.00
407	40.7914	116.2139	-165.6	468	DSRM2	0	0	0	0	80	41.2	1993	42	114	150	2.714	0.760	0.280	4.1	20.00
408	40.7915	116.2144	-164.3	495	DSRM2	0	0	0	0	77	41.8	2089	44	134	148	3.045	0.905	0.297	4.1	20.00
409	40.7915	116.2150	-163.9	499	DSRM2	0	0	0	0	73	41.9	2048	46	111	144	2.413	0.771	0.319	4.2	20.00
410	40.7915	116.2155	-163.3	499	DSRM2	0	0	0	0	77	42.6	1977	25	197	91	7.880	2.165	0.275	4.2	20.00
411	40.7915	116.2160	-161.3	487	DSRM2	0	0	0	0	73	42.3	2018	48	64	161	1.333	0.398	0.298	4.2	20.00
412	40.7915	116.2165	-161.3	449	DSRM2	0	0	0	0	68	41.5	1866	34	39	167	1.147	0.234	0.204	4.2	20.00
413	40.7916	116.2171	-160.1	425	DSRM2	0	0	0	0	69	40.9	1851	40	137	110	3.425	1.245	0.364	4.3	20.00
414	40.7916	116.2176	-159.4	408	DSRM2	0	0	0	0	73	40.5	1820	52	77	96	1.481	0.802	0.542	4.3	20.00
415	40.7916	116.2181	-158.8	410	DSRM2	0	0	0	0	77	40.6	1828	21	143	107	6.810	1.336	0.196	4.4	20.00
416	40.7916	116.2186	-157.4	416	DSRM2	0	0	0	0	70	40.7	1926	57	38	152	0.667	0.250	0.375	4.5	20.00
417	40.7917	116.2191	-155.8	419	DSRM2	0	0	0	0	73	40.8	1920	38	109	122	2.868	0.893	0.311	4.6	20.00
418	40.7917	116.2197	-154.0	414	DSRM2	0	0	0	0	72	40.7	1906	34	108	134	3.176	0.806	0.254	4.6	20.00
420	40.7917	116.2207	-150.2	394	DWU	0	0	1	0	88	40.2	1865	58	26	132	0.448	0.197	0.439	4.6	20.00
421	40.7917	116.2212	-150.0	378	DWU	0	0	0	0	72	39.8	1881	28	146	133	5.214	1.098	0.211	4.7	20.00
422	40.7918	116.2218	-148.5	360	DWU	0	0	0	0	71	39.4	1841	36	76	153	2.111	0.497	0.235	4.9	20.00
423	40.7918	116.2223	-147.6	334	DWU	0	0	0	0	75	38.8	1794	40	76	135	1.900	0.563	0.296	4.9	20.00
424	40.7918	116.2228	-148.5	305	DWU	0	0	0	0	66	38.0	1716	36	106	108	2.944	0.981	0.333	4.9	20.00
425	40.7918	116.2233	-149.0	298	DWU	0	0	0	0	78	37.8	1735	32	77	145	2.406	0.531	0.221	4.9	20.00
426	40.7919	116.2238	-148.9	332	DWU	0	0	0	0	78	38.7	1773	25	145	103	5.800	1.408	0.243	5.0	20.00
427	40.7919	116.2244	-146.8	385	DWU	0	0	0	0	70	40.0	1798	26	105	117	4.038	0.897	0.222	5.0	20.00
428	40.7919	116.2249	-145.5	439	DWU	0	0	0	0	71	41.3	1865	39	122	101	3.128	1.208	0.386	5.0	20.00
429	40.7919	116.2254	-143.8	483	DWU	0	0	0	0	79	42.2	1909	13	132	133	10.154	0.992	0.098	5.0	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
430	40.7919	116.2259	-143.6	499	DWU	0	0	0	0	79	46.7	1855	17	134	133	7.882	1.008	0.128	5.1	20.00
431	40.7920	116.2265	-142.5	547	DWU	0	0	0	0	73	47.8	2002	23	98	149	4.261	0.658	0.154	5.1	20.00
433	40.7920	116.2275	-141.1	550	DWU	0	0	0	0	68	47.8	2027	19	141	113	7.421	1.248	0.168	5.1	20.00
434	40.7920	116.2280	-140.3	540	DWU	0	0	0	0	78	47.6	1969	27	139	89	5.148	1.562	0.303	5.1	20.00
435	40.7921	116.2285	-138.6	496	DWU	0	0	0	0	79	46.6	1844	28	30	148	1.071	0.203	0.189	5.2	20.00
436	40.7921	116.2291	-138.9	474	DWU	0	0	0	0	67	46.1	1829	23	139	111	6.043	1.252	0.207	5.2	20.00
437	40.7921	116.2296	-138.0	477	DWU	0	0	0	0	84	46.1	1701	23	67	100	2.913	0.670	0.230	5.1	20.00
438	40.7921	116.2301	-135.8	498	DWU	0	0	0	0	79	46.6	1763	23	95	109	4.130	0.872	0.211	5.1	20.00
439	40.7921	116.2306	-136.1	567	DWU	0	0	0	1	72	48.2	1846	7	145	87	20.714	1.667	0.080	5.1	20.00
440	40.7922	116.2312	-133.5	652	DWU	0	0	0	0	73	50.0	1832	21	80	136	3.810	0.588	0.154	5.1	20.00
441	40.7922	116.2317	-132.1	688	DWU	0	0	0	0	59	50.7	1845	31	44	183	1.419	0.240	0.169	5.1	20.00
442	40.7922	116.2322	-130.6	712	DWU	1	0	0	0	75	51.1	1864	24	68	125	2.833	0.544	0.192	5.0	20.00
443	40.7922	116.2327	-130.3	702	DWU	1	0	0	0	65	50.9	1832	21	71	115	3.381	0.617	0.183	5.1	20.00
444	40.7922	116.2332	-129.3	721	DWU	1	0	0	0	77	51.3	1868	18	36	120	2.000	0.300	0.150	5.1	20.00
445	40.7923	116.2338	-129.4	722	DWU	1	0	0	0	80	51.3	1755	40	70	85	1.750	0.824	0.471	5.0	20.00
446	40.7923	116.2343	-128.2	800	DWU	1	0	0	0	75	52.7	1681	36	51	51	1.417	1.000	0.706	5.0	20.00
447	40.7923	116.2348	-126.9	816	DWU	1	0	0	0	71	52.[illegible]	1848	36	41	166	1.139	0.247	0.217	4.9	20.00
448	40.7923	116.2353	-126.1	850	DWU	1	0	0	0	75	53.[illegible]	1823	27	39	166	1.444	0.235	0.163	4.9	20.00
449	40.7924	116.2359	-123.5	843	QTSU	1	0	1	0	77	[illegible]	1862	47	23	153	0.489	0.150	0.307	4.9	20.00
450	40.7924	116.2364	-123.8	833	QTSU	1	0	0	0	73	5[illegible]3	1877	34	49	156	1.441	0.314	0.218	4.9	20.00
451	40.7924	116.2369	-122.8	809	QTSU	1	0	0	0	77	50.0	1682	13	49	110	3.769	0.445	0.118	4.9	20.00
452	40.7924	116.2374	-123.1	768	QTSU	1	0	0	0	67	49.3	1941	39	29	124	0.744	0.234	0.315	4.9	20.00
453	40.7924	116.2379	-123.6	731	QTSU	1	0	0	0	70	48.7	1864	23	76	122	3.304	0.623	0.189	4.9	20.00
455	40.7925	116.2390	-123.6	551	QTSU	0	0	0	0	76	45.3	1688	27	108	70	4.000	1.543	0.386	4.8	20.00
456	40.7925	116.2395	-123.5	491	QTSU	0	0	0	0	76	44.0	1552	35	41	92	1.171	0.446	0.380	4.9	20.00
457	40.7925	116.2400	-122.8	446	QTSU	0	0	0	0	78	43.0	1543	30	87	61	2.900	1.426	0.492	5.0	20.00
458	40.7926	116.2406	-122.6	370	QTSU	0	0	0	0	75	41.1	1409	25	42	103	1.680	0.408	0.243	5.0	20.00
459	40.7926	116.2411	-121.6	348	QTSU	0	0	0	0	71	40.6	1476	18	73	120	4.056	0.608	0.150	5.1	20.00
460	40.7926	116.2416	-118.6	403	QTSU	0	0	1	0	71	41.9	1632	38	15	145	0.395	0.103	0.262	5.3	20.00
461	40.7926	116.2421	-117.9	471	QTSU	0	0	0	0	66	43.5	1696	40	84	72	2.100	1.167	0.556	5.4	20.00
462	40.7926	116.2426	-114.6	497	QTSU	0	0	0	0	70	44.1	1854	43	72	117	1.674	0.615	0.368	5.5	20.00
463	40.7927	116.2432	-113.5	498	QTSU	0	0	1	0	76	44.1	1853	53	15	148	0.283	0.101	0.358	5.5	20.00
464	40.7927	116.2437	-111.1	498	QTSU	0	0	0	0	70	44.1	1854	50	98	115	1.960	0.852	0.435	5.5	20.00
465	40.7927	116.2442	-109.5	502	QTSU	0	0	0	0	81	44.2	1956	46	74	116	1.609	0.638	0.397	5.5	20.00
466	40.7927	116.2447	-109.0	520	QTSU	0	0	0	0	70	44.6	2051	45	85	147	1.889	0.578	0.306	5.6	20.00
468	40.7928	116.2458	-108.4	507	QTSU	0	0	0	0	69	44.3	2010	53	52	150	0.981	0.347	0.353	5.6	20.00
469	40.7928	116.2463	-108.6	505	QTSU	0	0	0	0	69	44.3	1967	41	110	107	2.683	1.028	0.383	5.5	20.00
470	40.7928	116.2468	-107.8	498	QTSU	0	0	0	0	65	44.2	2089	43	83	162	1.930	0.512	0.265	5.5	20.00
471	40.7928	116.2473	-106.5	497	QTSU	0	0	0	0	76	44.6	2019	66	48	122	0.727	0.393	0.541	5.4	20.00
473	40.7929	116.2484	-105.2	499	OVI	0	0	1	0	69	44.7	1949	49	15	176	0.306	0.085	0.278	5.5	20.00
474	40.7929	116.2489	-104.0	513	OVI	0	0	1	0	75	45.0	2106	56	27	187	0.482	0.144	0.299	5.5	20.00
475	40.7929	116.2494	-104.9	521	OVI	0	0	0	0	70	45.2	2017	62	68	108	1.097	0.630	0.574	5.5	20.00
476	40.7929	116.2500	-105.4	532	OVI	0	0	0	0	69	45.4	2048	61	70	122	1.148	0.574	0.500	5.5	20.00
477	40.7930	116.2505	-106.3	533	OVI	0	0	0	0	74	45.4	1982	48	34	147	0.708	0.231	0.327	5.6	20.00
478	40.7930	116.2510	-106.5	501	OVI	0	0	0	0	67	44.7	2023	47	126	99	2.681	1.273	0.475	5.7	20.00
479	40.7930	116.2515	-107.7	494	OVI	0	0	0	0	65	44.6	1954	39	58	146	1.487	0.397	0.267	5.8	20.00
481	40.7931	116.2526	-105.7	493	OVI	0	0	1	0	73	44.6	2104	60	24	187	0.400	0.128	0.321	5.9	20.00
482	40.7931	116.2531	-104.1	489	OVI	0	0	0	0	67	44.5	2179	45	84	192	1.867	0.438	0.234	5.9	20.00
483	40.7931	116.2536	-101.3	485	OVI	0	0	0	0	60	44.4	2200	56	79	158	1.411	0.500	0.354	6.0	20.00
484	40.7931	116.2541	-99.3	484	OVI	0	0	0	0	77	44.3	2232	54	115	161	2.130	0.714	0.335	6.0	20.00
485	40.7931	116.2546	-96.7	481	OVI	0	0	0	0	78	44.3	2182	53	70	171	1.321	0.409	0.310	6.0	20.00
486	40.7932	116.2552	-93.4	473	OVI	0	0	0	0	66	44.1	2133	37	108	194	2.919	0.557	0.191	6.1	20.00
487	40.7932	116.2557	-91.3	466	OVI	0	0	0	0	76	43.9	2138	56	60	156	1.071	0.385	0.359	6.1	20.00
488	40.7932	116.2562	-89.3	454	OVI	0	0	0	0	83	43.7	2046	61	39	169	0.639	0.231	0.361	6.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
489	40.7932	116.2567	-87.5	426	OVI	0	0	0	0	72	43.0	2130	46	116	178	2.522	0.652	0.258	6.2	20.00
490	40.7933	116.2573	-84.3	374	OVI	0	0	0	0	72	41.7	1915	38	85	154	2.237	0.552	0.247	6.2	20.00
491	40.7933	116.2578	-82.5	336	OVI	0	0	0	0	71	36.7	1918	43	90	169	2.093	0.533	0.254	6.2	20.00
492	40.7933	116.2583	-79.8	328	OVI	0	0	0	0	73	36.5	1931	52	48	151	0.923	0.318	0.344	6.2	20.00
494	40.7933	116.2593	-75.3	359	OVI	0	0	0	0	71	37.2	1987	68	48	160	0.706	0.300	0.425	6.3	20.00
495	40.7934	116.2599	-73.3	374	OVI	0	0	1	0	81	37.6	2079	53	3	220	0.057	0.014	0.241	6.3	20.00
496	40.7934	116.2604	-71.1	358	OVI	0	0	0	0	76	37.2	2108	59	84	161	1.424	0.522	0.366	6.4	20.00
497	40.7934	116.2609	-69.9	338	OVI	0	0	0	0	67	36.7	2020	45	114	167	2.533	0.683	0.269	6.4	20.00
499	40.7935	116.2620	-67.0	332	OVI	0	0	0	0	77	36.6	2086	52	109	169	2.096	0.645	0.308	6.3	20.00
500	40.7935	116.2625	-65.9	339	OVI	0	0	0	0	64	36.7	2173	58	92	172	1.586	0.535	0.337	6.3	20.00
501	40.7935	116.2630	-64.9	326	OVI	0	0	0	0	66	36.4	2104	48	101	160	2.104	0.631	0.300	6.2	20.00
502	40.7935	116.2635	-61.7	298	OVI	0	0	0	0	84	35.7	1997	69	79	137	1.145	0.577	0.504	6.3	20.00
503	40.7935	116.2640	-61.5	282	OVI	0	0	0	0	75	35.3	1790	55	57	133	1.036	0.429	0.414	6.3	20.00
504	40.7936	116.2646	-60.5	305	OVI	0	0	0	0	66	35.9	1885	38	116	160	3.053	0.725	0.238	6.2	20.00
505	40.7936	116.2651	-62.1	336	OVI	0	0	0	0	71	36.7	2054	59	109	143	1.847	0.762	0.413	6.2	20.00
506	40.7936	116.2656	-63.4	354	OVI	0	0	0	0	72	37.1	2181	69	53	158	0.768	0.335	0.437	6.1	20.00
507	40.7936	116.2661	-63.9	365	OVI	0	0	0	0	69	37.4	2221	57	103	164	1.807	0.628	0.348	6.0	20.00
508	40.7937	116.2667	-64.4	381	OVI	0	0	0	0	63	37.7	2142	55	86	180	1.564	0.478	0.306	6.0	20.00
509	40.7937	116.2672	-64.3	390	OVI	0	0	0	0	77	37.9	2259	64	100	179	1.563	0.559	0.358	5.9	20.00
510	40.7937	116.2677	-64.6	399	OVI	0	0	0	0	71	38.1	2281	60	136	176	2.267	0.773	0.341	5.9	20.00
511	40.7937	116.2682	-64.3	394	OVI	0	0	0	0	75	38.0	2277	71	96	181	1.352	0.530	0.392	5.9	20.00
512	40.7937	116.2687	-65.5	386	OVI	0	0	0	0	70	59.7	2357	58	164	168	2.828	0.976	0.345	5.8	20.00
513	40.7938	116.2693	-64.9	388	OVI	0	0	0	0	76	59.8	2443	52	120	208	2.308	0.577	0.250	5.8	20.00
514	40.7938	116.2698	-65.5	389	OVI	0	0	0	0	71	59.9	2454	55	115	193	2.091	0.596	0.285	5.8	20.00
516	40.7938	116.2708	-64.8	357	OVI	0	0	0	0	69	58.7	2335	74	50	193	0.676	0.259	0.383	5.7	20.00
517	40.7938	116.2714	-63.8	346	OVI	0	0	0	0	67	58.3	2413	69	107	189	1.551	0.566	0.365	5.7	20.00
518	40.7939	116.2719	-64.6	332	OVI	0	0	0	0	68	57.7	2308	56	124	176	2.214	0.705	0.318	5.7	20.00
519	40.7939	116.2724	-64.6	317	OVI	0	0	0	0	67	57.2	2210	68	45	202	0.662	0.223	0.337	5.7	20.00
520	40.7939	116.2729	-63.8	317	OVI	0	0	0	0	68	57.2	2332	75	60	181	0.800	0.331	0.414	5.7	20.00
521	40.7939	116.2734	-61.9	316	OVI	0	0	0	0	77	57.1	2315	65	107	180	1.646	0.594	0.361	5.6	20.00
522	40.7940	116.2740	-61.1	313	OVI	0	0	0	0	73	57.0	2218	56	43	221	0.768	0.195	0.253	5.5	20.00
523	40.7940	116.2745	-60.2	321	OVI	0	0	0	0	68	57.3	2359	82	78	167	0.951	0.467	0.491	5.6	20.00
524	40.7940	116.2750	-59.2	336	OVI	0	0	1	0	75	57.9	2381	90	4	233	0.044	0.017	0.386	5.6	20.00
525	40.7940	116.2755	-58.1	343	OVI	0	0	0	0	71	58.1	2404	79	73	192	0.924	0.380	0.411	5.5	20.00
526	40.7940	116.2760	-56.7	343	OVI	0	0	0	0	72	58.2	2352	61	84	188	1.377	0.447	0.324	5.5	20.00
527	40.7940	116.2765	-54.6	340	OVI	0	0	0	0	67	58.0	2390	69	62	239	0.899	0.259	0.289	5.5	20.00
529	40.7940	116.2775	-49.8	320	OVI	0	0	0	0	69	57.3	2362	69	127	175	1.841	0.726	0.394	5.4	20.00
530	40.7941	116.2780	-49.2	323	OVI	0	0	0	0	73	57.4	2386	70	135	165	1.929	0.818	0.424	5.3	20.00
531	40.7941	116.2785	-48.8	328	OVI	0	0	0	0	68	57.6	2383	85	93	186	1.094	0.500	0.457	5.3	20.00
532	40.7941	116.2790	-49.1	335	OVI	0	0	0	0	66	57.8	2381	59	56	199	0.949	0.281	0.296	5.3	20.00
533	40.7941	116.2795	-49.1	326	OVI	0	0	0	0	68	50.9	2451	55	137	185	2.491	0.741	0.297	5.2	20.00
534	40.7941	116.2800	-48.2	306	OVI	0	0	0	0	65	50.2	2443	80	87	220	1.088	0.395	0.364	5.0	20.00
535	40.7941	116.2805	-47.2	288	OVI	0	0	0	0	68	49.6	2488	88	73	192	0.830	0.380	0.458	4.9	20.00
536	40.7941	116.2810	-45.5	279	OVI	0	0	0	0	70	49.3	2488	87	94	203	1.080	0.463	0.429	4.8	20.00
537	40.7941	116.2815	-44.3	258	OVI	0	0	0	0	75	48.5	2482	74	168	203	2.270	0.828	0.365	4.8	20.00
538	40.7941	116.2820	-41.6	262	OVI	0	0	0	0	63	48.7	2410	75	134	170	1.787	0.788	0.441	4.8	20.00
539	40.7941	116.2825	-40.3	267	OVI	0	0	0	0	67	48.9	2384	80	88	169	1.100	0.521	0.473	4.8	20.00
540	40.7941	116.2830	-40.7	262	OVI	0	0	0	0	68	48.6	2300	71	72	210	1.014	0.343	0.338	4.8	20.00
542	40.7941	116.2840	-36.0	256	IR	0	0	0	0	70	48.4	2385	88	83	178	0.943	0.466	0.494	4.8	20.00
543	40.7941	116.2845	-33.9	254	IR	0	0	0	0	73	48.4	2231	57	121	195	2.123	0.621	0.292	4.7	20.00
544	40.7941	116.2850	-33.6	258	IR	0	0	0	0	74	48.5	2272	56	94	207	1.679	0.454	0.271	4.5	20.00
545	40.7942	116.2855	-33.1	270	IR	0	0	0	0	71	48.9	2217	47	131	160	2.787	0.819	0.294	4.5	20.00
546	40.7942	116.2860	-33.9	286	IR	0	0	0	0	77	49.5	2293	54	140	175	2.593	0.800	0.309	4.4	20.00
547	40.7942	116.2865	-35.4	298	IR	0	0	0	0	73	49.9	2374	63	126	203	2.000	0.621	0.310	4.3	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
548	40.7942	116.2870	-37.4	313	IR	0	0	0	0	68	50.5	2318	67	77	197	1.149	0.391	0.340	4.3	20.00
549	40.7942	116.2875	-38.2	327	IR	0	0	0	0	67	50.9	2324	60	118	173	1.967	0.682	0.347	4.3	20.00
550	40.7942	116.2879	-38.0	342	IR	0	0	0	0	72	51.4	2354	77	58	167	0.753	0.347	0.461	4.2	20.00
551	40.7942	116.2884	-40.0	355	IR	0	0	0	0	67	51.9	2365	53	126	196	2.377	0.643	0.270	4.2	20.00
552	40.7942	116.2889	-38.9	358	IR	0	0	0	0	63	52.0	2343	87	83	148	0.954	0.561	0.588	4.3	20.00
553	40.7942	116.2894	-39.7	364	IR	0	0	0	0	72	51.8	2313	53	137	174	2.585	0.787	0.305	4.3	20.00
554	40.7942	116.2899	-38.7	359	IR	0	0	0	0	71	51.6	2191	49	72	155	1.469	0.465	0.316	4.3	20.00
555	40.7942	116.2904	-36.7	349	IR	0	0	0	0	68	51.3	2209	58	127	147	2.190	0.864	0.395	4.3	20.00
556	40.7942	116.2909	-32.4	335	IR	0	0	0	0	70	50.8	2075	64	94	130	1.469	0.723	0.492	4.4	20.00
557	40.7942	116.2914	-26.0	318	IR	0	0	0	0	82	50.3	1928	48	76	130	1.583	0.585	0.369	4.5	20.00
558	40.7942	116.2919	-18.0	297	IR	0	0	0	0	76	49.5	1844	40	88	125	2.200	0.704	0.320	4.6	20.00
559	40.7942	116.2924	-11.5	285	IR	0	0	1	0	85	49.1	1729	43	18	152	0.419	0.118	0.283	4.7	20.00
560	40.7942	116.2929	-8.9	292	IR	0	0	0	0	77	49.3	1741	50	82	84	1.640	0.976	0.595	4.8	20.00
561	40.7943	116.2934	-6.6	315	IR	0	0	0	0	76	50.1	1834	32	84	147	2.625	0.571	0.218	5.0	20.00
562	40.7943	116.2939	-3.8	341	IR	0	0	0	0	80	51.0	1873	53	46	150	0.868	0.307	0.353	5.1	20.00
563	40.7943	116.2944	-5.0	362	IR	0	0	0	0	68	51.7	1914	55	40	145	0.727	0.276	0.379	5.1	20.00
564	40.7943	116.2949	-3.3	377	IR	0	0	0	0	68	52.2	2039	42	42	195	1.000	0.215	0.215	5.2	20.00
565	40.7943	116.2954	-5.1	387	IR	0	0	0	0	80	52.5	2049	41	103	145	2.512	0.710	0.283	5.1	20.00
566	40.7943	116.2959	-7.9	390	IR	0	0	0	0	70	52.6	2080	51	66	171	1.294	0.386	0.298	5.1	20.00
568	40.7943	116.2969	-17.4	402	IR	0	0	0	0	72	53.0	2212	54	34	184	0.630	0.185	0.293	5.2	20.00
569	40.7943	116.2974	-20.5	405	IR	0	0	1	0	73	53.1	2256	72	21	167	0.292	0.126	0.431	5.2	20.00
570	40.7943	116.2979	-21.3	410	IR	0	0	0	0	74	53.2	2311	57	101	184	1.772	0.549	0.310	5.3	20.00
571	40.7943	116.2984	-22.2	415	IR	0	0	0	0	70	53.4	2285	57	95	161	1.667	0.590	0.354	5.2	20.00
572	40.7943	116.2989	-22.1	421	IR	0	0	1	0	84	53.5	2259	63	-6	237	-0.095	-0.025	0.266	5.3	20.00
573	40.7943	116.2994	-21.6	432	IR	0	0	0	0	75	40.0	2241	69	93	127	1.348	0.732	0.543	5.2	20.00
574	40.7943	116.2999	-20.9	448	IR	0	0	0	0	75	40.3	2291	75	46	183	0.613	0.251	0.410	5.2	20.00
575	40.7943	116.3004	-18.5	454	IR	0	0	0	0	68	40.4	2284	61	43	178	0.705	0.242	0.343	5.2	20.00
576	40.7944	116.3009	-17.4	448	IR	0	0	0	0	79	40.3	2223	51	101	159	1.980	0.635	0.321	5.2	20.00
577	40.7944	116.3014	-16.4	433	IR	0	0	0	0	64	40.0	2285	60	71	189	1.183	0.376	0.317	5.2	20.00
578	40.7944	116.3018	-15.7	417	IR	0	0	0	0	72	39.6	2330	62	132	204	2.129	0.647	0.304	5.1	20.00
579	40.7944	116.3023	-14.7	402	IR	0	0	0	0	74	39.3	2161	59	59	162	1.000	0.364	0.364	5.1	20.00
580	40.7944	116.3028	-13.3	389	IR	0	0	1	0	76	39.0	2220	58	17	210	0.293	0.081	0.276	5.1	20.00
581	40.7944	116.3033	-12.7	381	IR	0	0	0	0	64	38.8	2170	69	41	178	0.594	0.230	0.388	5.1	20.00
582	40.7944	116.3038	-11.2	373	IR	0	0	0	0	72	38.6	2248	62	94	166	1.516	0.566	0.373	5.1	20.00
583	40.7944	116.3043	-9.9	360	IR	0	0	0	0	81	38.3	2140	33	121	172	3.667	0.703	0.192	5.1	20.00
584	40.7944	116.3048	-9.6	361	IR	0	0	0	0	75	38.3	2192	61	130	117	2.131	1.111	0.521	5.1	20.00
585	40.7944	116.3053	-11.4	369	IR	0	0	0	0	69	38.5	2236	54	138	169	2.556	0.817	0.320	5.1	20.00
586	40.7944	116.3058	-14.1	360	OVI	0	0	0	0	71	38.3	2271	85	78	156	0.918	0.500	0.545	5.2	20.00
587	40.7944	116.3063	-15.9	346	OVI	0	0	0	0	77	37.9	2197	59	131	128	2.220	1.023	0.461	5.1	20.00
588	40.7944	116.3068	-17.3	338	OVI	0	0	0	0	71	37.7	2172	61	99	154	1.623	0.643	0.396	5.1	20.00
589	40.7944	116.3073	-16.3	335	OVI	0	0	0	0	75	37.7	2146	58	77	150	1.328	0.513	0.387	5.1	20.00
590	40.7944	116.3078	-15.6	349	OVI	0	0	0	0	75	38.0	2095	43	97	166	2.256	0.584	0.259	5.1	20.00
591	40.7944	116.3083	-14.4	354	OVI	0	0	0	0	70	38.1	2128	46	91	183	1.978	0.497	0.251	4.9	20.00
592	40.7945	116.3088	-14.9	342	OVI	0	0	1	0	67	42.4	2095	56	25	179	0.446	0.140	0.313	4.8	20.00
594	40.7945	116.3098	-23.1	346	OVI	0	0	0	0	73	42.6	2197	80	44	160	0.550	0.275	0.500	4.8	20.00
595	40.7945	116.3103	-27.7	351	OVI	0	0	0	0	73	42.7	2193	61	52	178	0.852	0.292	0.343	4.7	20.00
596	40.7945	116.3108	-29.6	363	OVI	0	0	0	0	78	43.0	2116	59	72	151	1.220	0.477	0.391	4.8	20.00
597	40.7945	116.3113	-31.2	393	OVI	0	0	1	0	63	43.8	2201	77	7	196	0.091	0.036	0.393	4.8	20.00
598	40.7945	116.3118	-31.6	427	OVI	0	0	0	0	80	44.7	2314	67	38	184	0.567	0.207	0.364	4.9	20.00
599	40.7945	116.3123	-29.9	440	OVI	0	0	0	0	72	45.0	2389	58	123	181	2.121	0.680	0.320	4.9	20.00
600	40.7945	116.3128	-28.5	446	OVI	0	0	0	0	72	45.1	2296	64	61	169	0.953	0.361	0.379	4.9	20.00
601	40.7945	116.3133	-27.0	451	OVI	0	0	1	0	74	45.3	2391	72	12	237	0.167	0.051	0.304	4.9	20.00
602	40.7945	116.3138	-24.2	456	OVI	0	0	0	0	73	45.4	2340	58	127	154	2.190	0.825	0.377	4.8	20.00
603	40.7945	116.3143	-20.2	473	OVI	0	0	0	0	72	45.8	2477	59	85	225	1.407	0.369	0.262	4.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
604	40.7945	116.3148	-1[illegible]	470	OVI	0	0	0	0	69	45.7	2316	58	46	230	0.793	0.200	0.252	4.9	20.00
605	40.7945	116.3153	-1[illegible]	469	OVI	0	0	0	0	74	45.7	2414	42	132	205	3.143	0.644	0.205	5.0	20.00
606	40.7945	116.3158	-6.4	469	OVI	0	0	0	0	75	45.7	2322	49	63	225	1.286	0.280	0.218	5.2	20.00
607	40.7946	116.3162	-2.9	451	OVI	0	0	0	0	86	45.3	2166	58	68	164	1.172	0.415	0.354	5.2	20.00
608	40.7946	116.3167	1.3	409	OVI	0	0	0	0	65	44.2	2084	38	146	136	3.842	1.074	0.279	5.2	20.00
609	40.7946	116.3172	5.2	385	OVI	0	0	0	0	72	43.6	2026	62	37	149	0.597	0.248	0.416	5.2	20.00
610	40.7946	116.3177	8.7	369	OVI	0	0	0	0	72	43.2	1990	59	67	145	1.136	0.462	0.407	5.1	20.00
611	40.7946	116.3182	10.9	355	OVI	0	0	0	0	77	42.8	1790	54	42	141	0.778	0.298	0.383	5.1	20.00
612	40.7946	116.3187	19.1	360	OVI	0	0	0	0	73	38.1	1868	50	139	109	2.780	1.275	0.459	5.2	20.00
613	40.7946	116.3192	27.1	377	OVI	0	0	0	0	73	38.4	2047	48	87	148	1.813	0.588	0.324	5.1	20.00
614	40.7946	116.3197	35.2	381	OVI	0	0	0	0	67	38.5	2182	54	139	157	2.574	0.885	0.344	5.1	20.00
615	40.7946	116.3202	44.0	376	OVI	0	0	0	0	76	38.4	2287	68	79	207	1.162	0.382	0.329	5.1	20.00
616	40.7946	116.3207	51.8	396	OVI	0	0	0	0	78	38.9	2311	68	60	205	0.882	0.293	0.332	5.3	20.00
617	40.7946	116.3212	59.5	382	OVI	0	0	0	0	73	38.6	2144	48	96	165	2.000	0.582	0.291	5.3	20.00
618	40.7946	116.3217	65.6	382	OVI	0	0	0	0	67	38.6	2188	72	50	200	0.694	0.250	0.360	5.4	20.00
619	40.7946	116.3222	68.4	403	OVI	0	0	0	0	77	39.0	2188	50	157	114	3.140	1.377	0.439	5.4	20.00
620	40.7946	116.3227	67.9	416	OVI	0	0	0	0	68	39.3	2218	55	147	139	2.673	1.058	0.396	5.3	20.00
621	40.7946	116.3232	64.8	420	OVI	0	0	0	0	72	39.4	2161	45	126	180	2.800	0.700	0.250	5.3	20.00
622	40.7946	116.3237	62.1	426	OVI	0	0	0	0	80	39.6	2115	63	42	176	0.667	0.239	0.358	5.3	20.00
623	40.7947	116.3242	60.8	427	OVI	0	0	0	0	77	39.6	2036	41	144	153	3.512	0.941	0.268	5.5	20.00
624	40.7947	116.3247	57.4	434	OVI	0	0	0	0	67	39.7	2132	51	158	125	3.098	1.264	0.408	5.6	20.00
625	40.7947	116.3252	55.6	439	OVI	0	0	0	0	73	39.9	2098	54	110	136	2.037	0.809	0.397	5.8	20.00
626	40.7947	116.3257	52.5	447	OVI	0	0	0	0	83	40.0	2090	55	49	167	0.891	0.293	0.329	5.9	20.00
627	40.7947	116.3262	50.1	449	OVI	0	0	0	0	76	40.1	1961	49	60	173	1.224	0.347	0.283	6.1	20.00
628	40.7947	116.3267	46.2	453	OVI	0	0	1	0	76	40.2	2054	83	1	198	0.012	0.005	0.419	6.3	20.00
629	40.7947	116.3272	43.6	454	OVI	0	0	0	0	75	40.2	1972	44	114	122	2.591	0.934	0.361	6.4	20.00
630	40.7947	116.3277	40.2	451	OVI	0	0	0	0	73	40.1	2006	33	137	138	4.152	0.993	0.239	6.6	20.00
631	40.7947	116.3282	36.0	443	OVI	0	0	0	0	74	34.2	2010	40	85	144	2.125	0.590	0.278	6.6	20.00
632	40.7947	116.3287	31.2	430	OVI	0	0	0	0	80	33.9	1947	40	89	134	2.225	0.664	0.299	6.6	20.00
633	40.7947	116.3292	25.4	413	OVI	0	0	0	0	70	33.6	1950	51	104	109	2.039	0.954	0.468	6.5	20.00
634	40.7947	116.3297	21.0	385	OVI	0	0	0	0	73	33.1	1853	33	100	122	3.030	0.820	0.270	6.6	20.00
635	40.7947	116.3301	16.9	358	OVI	0	0	1	0	76	32.5	1858	34	10	202	0.294	0.050	0.168	6.5	20.00
636	40.7947	116.3306	14.8	328	OVI	0	0	0	0	78	31.9	1719	44	70	119	1.591	0.588	0.370	6.5	20.00
637	40.7947	116.3311	13.7	333	OVI	0	0	0	0	78	32.0	1842	46	76	163	1.652	0.466	0.282	6.6	20.00
638	40.7948	116.3316	11.5	355	OVI	0	0	0	0	79	32.4	1817	40	83	142	2.075	0.585	0.282	6.6	20.00
639	40.7948	116.3321	10.3	379	OVI	0	0	0	0	78	32.9	1812	40	89	127	2.225	0.701	0.315	6.7	20.00
640	40.7948	116.3326	10.0	388	OVI	0	0	0	0	74	33.1	1785	41	67	139	1.634	0.482	0.295	6.8	20.00
641	40.7948	116.3331	9.7	379	OVI	0	0	0	0	81	32.9	1805	37	101	113	2.730	0.894	0.327	6.8	20.00
642	40.7948	116.3336	9.6	375	OVI	0	0	0	0	72	32.9	1802	40	50	170	1.250	0.294	0.235	6.9	20.00
643	40.7948	116.3341	9.9	370	OVI	0	0	0	0	82	32.8	1852	49	59	154	1.229	0.383	0.312	7.0	20.00
644	40.7948	116.3346	9.1	353	OVI	0	0	0	0	77	32.4	1759	16	89	173	5.563	0.514	0.092	7.1	20.00
645	40.7948	116.3351	8.6	345	OVI	0	0	0	0	73	32.2	1751	28	123	106	4.393	1.160	0.264	7.2	20.00
646	40.7948	116.3356	9.0	348	OVI	0	0	0	0	73	32.3	1683	23	122	110	5.304	1.109	0.209	7.3	20.00
647	40.7948	116.3361	9.4	361	OVI	0	0	0	0	80	32.6	1678	31	90	120	2.903	0.750	0.258	7.3	20.00
648	40.7948	116.3366	9.3	390	OVI	0	0	0	0	69	33.1	1674	27	146	96	5.407	1.521	0.281	7.4	20.00
650	40.7948	116.3376	11.3	460	OVI	0	0	0	0	74	34.5	1733	41	99	111	2.415	0.892	0.369	7.4	20.00
651	40.7948	116.3381	12.2	490	OVI	0	0	0	0	83	36.8	1800	42	59	140	1.405	0.421	0.300	7.5	20.00
652	40.7948	116.3386	13.1	498	OVI	0	0	0	0	76	37.0	1652	38	45	123	1.184	0.366	0.309	7.5	20.00
653	40.7948	116.3391	14.2	555	OVI	0	0	0	0	70	38.0	1777	25	61	108	2.440	0.565	0.231	7.5	20.00
654	40.7949	116.3396	14.0	613	OVI	0	0	0	0	76	39.0	1801	36	54	134	1.500	0.403	0.269	7.5	20.00
655	40.7949	116.3401	15.9	708	OVI	1	0	0	0	85	40.4	2023	34	65	138	1.912	0.471	0.246	7.6	20.00
656	40.7949	116.3406	17.4	750	OVI	1	0	0	0	75	41.0	2097	35	113	102	3.229	1.108	0.343	7.5	20.00
657	40.7949	116.3411	19.2	774	OVI	1	0	0	0	69	41.4	2010	53	107	94	2.019	1.138	0.564	7.3	20.00
658	40.7949	116.3416	20.4	792	OVI	1	0	0	0	75	41.6	2115	41	49	153	1.195	0.320	0.268	7.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
659	40.7949	116.3421	22.4	808	OVI	1	0	0	0	81	41.8	2083	36	103	131	2.861	0.786	0.275	7.3	20.00
660	40.7949	116.3426	24.4	788	OVI	1	0	0	0	76	41.6	2250	42	129	128	3.071	1.008	0.328	7.2	20.00
661	40.7949	116.3431	25.0	735	OVI	1	0	0	0	68	40.8	2034	34	54	157	1.588	0.344	0.217	7.3	20.00
662	40.7949	116.3436	25.9	679	OVI	0	0	0	0	75	40.0	2028	35	74	154	2.114	0.481	0.227	7.2	20.00
663	40.7949	116.3440	27.7	615	OVI	0	0	0	0	82	39.0	1899	31	84	135	2.710	0.622	0.230	7.1	20.00
664	40.7949	116.3445	30.6	593	OVI	0	0	0	0	72	38.6	2088	35	149	114	4.257	1.307	0.307	7.0	20.00
665	40.7949	116.3450	33.6	580	OVI	0	0	0	0	71	38.4	2163	48	63	172	1.313	0.366	0.279	7.0	20.00
666	40.7949	116.3455	40.3	500	OVI	0	0	1	0	69	37.0	2013	55	2	197	0.036	0.010	0.279	6.9	20.00
667	40.7949	116.3460	52.0	449	OVI	0	0	0	0	74	36.0	2050	43	69	191	1.605	0.361	0.225	6.7	20.00
668	40.7949	116.3465	65.1	383	OVI	0	0	0	0	72	34.7	2001	43	124	139	2.884	0.892	0.309	6.5	20.00
669	40.7950	116.3470	68.5	337	OVI	0	0	0	0	67	33.7	2017	35	91	224	2.600	0.406	0.156	6.5	20.00
670	40.7950	116.3475	67.7	344	OVI	0	0	0	0	73	39.3	2043	45	93	190	2.067	0.489	0.237	6.5	20.00
671	40.7950	116.3480	66.8	382	OVI	0	0	0	0	72	40.3	2113	50	30	214	0.600	0.140	0.234	6.5	20.00
672	40.7950	116.3485	66.0	418	OVI	0	0	0	0	73	41.1	2158	48	138	176	2.875	0.784	0.273	6.6	20.00
673	40.7950	116.3490	64.8	438	OVI	0	0	0	0	68	41.6	2172	50	58	161	1.160	0.360	0.311	6.7	20.00
674	40.7950	116.3495	65.1	430	OVI	0	0	0	0	68	41.4	2070	66	35	159	0.530	0.220	0.415	6.7	20.00
675	40.7950	116.3500	64.2	398	OVI	0	0	0	0	76	40.7	2015	45	100	178	2.222	0.562	0.253	6.5	20.00
676	40.7950	116.3505	59.4	355	OVI	0	0	0	0	72	39.6	1954	36	133	141	3.694	0.943	0.255	6.4	20.00
677	40.7950	116.3510	54.0	328	OVI	0	0	0	0	74	38.9	2015	45	62	188	1.378	0.330	0.239	6.3	20.00
678	40.7950	116.3515	52.4	328	OVI	0	0	0	0	73	38.9	2026	48	90	174	1.875	0.517	0.276	6.2	20.00
679	40.7950	116.3520	57.9	350	OVI	0	0	0	0	70	39.5	2118	31	155	164	5.000	0.945	0.189	6.1	20.00
680	40.7950	116.3525	70.5	381	OVI	0	0	0	0	76	[illegible]	2237	51	55	213	1.078	0.258	0.239	6.0	20.00
681	40.7950	116.3530	81.3	376	OVI	0	0	1	0	80	[illegible].1	2271	52	23	238	0.442	0.097	0.218	5.9	20.00
682	40.7950	116.3535	78.5	358	OVI	0	0	0	0	76	39.7	2250	46	97	219	2.109	0.443	0.210	5.8	20.00
683	40.7950	116.3540	67.6	357	OVI	0	0	0	0	70	39.7	2235	49	102	192	2.082	0.531	0.255	5.8	20.00
684	40.7951	116.3545	51.5	356	OVI	0	0	0	0	74	39.6	2249	66	104	153	1.576	0.680	0.431	5.8	20.00
685	40.7951	116.3550	42.9	339	OVI	0	0	0	0	73	39.2	2268	57	126	197	2.211	0.640	0.289	5.8	20.00
686	40.7951	116.3555	34.4	317	OVI	0	0	0	0	68	38.6	2184	52	106	195	2.038	0.544	0.267	5.8	20.00
687	40.7951	116.3560	29.5	321	OVI	0	0	0	0	71	38.7	2198	42	163	168	3.881	0.970	0.250	5.9	20.00
688	40.7951	116.3565	25.4	353	OVI	0	0	0	0	80	39.6	2238	42	84	204	2.000	0.412	0.206	6.0	20.00
689	40.7951	116.3570	22.5	392	OVI	0	0	0	0	68	38.6	2254	44	181	149	4.114	1.215	0.295	6.0	20.00
690	40.7951	116.3575	19.4	419	QOA3	0	0	0	0	70	39.2	2312	72	39	207	0.542	0.188	0.348	5.9	20.00
691	40.7951	[illegible]6.3579	17.3	427	QOA3	0	0	0	0	70	39.4	2376	48	148	192	3.083	0.771	0.250	5.9	20.00
692	40.7951	[illegible].6.3584	15.2	436	QOA3	0	0	0	0	76	39.6	2299	45	150	159	3.333	0.943	0.283	5.8	20.00
693	40.7951	116.3589	13.6	441	QOA3	0	0	0	0	69	39.7	2326	59	113	158	1.915	0.715	0.373	5.8	20.00
694	40.7951	116.3594	11.8	444	QOA3	0	0	1	0	66	39.8	2330	70	26	246	0.371	0.106	0.285	5.9	20.00
695	40.7951	116.3599	9.6	469	QOA3	0	0	0	0	72	40.3	2393	49	128	181	2.612	0.707	0.271	5.9	20.00
696	40.7951	116.3604	8.4	491	QOA3	0	0	0	0	73	40.8	2264	45	77	205	1.711	0.376	0.220	5.8	20.00
697	40.7951	116.3609	8.2	494	QOA3	0	0	0	0	78	40.8	2384	47	202	126	4.298	1.603	0.373	5.6	20.00
698	40.7951	116.3614	6.8	496	QOA3	0	0	0	0	72	40.9	2347	47	95	204	2.021	0.466	0.230	5.5	20.00
699	40.7951	116.3619	5.7	498	QOA3	0	0	0	0	86	40.9	2331	50	120	139	2.400	0.863	0.360	5.6	20.00
700	40.7952	116.3624	4.3	499	QOA3	0	0	0	0	76	40.9	2354	34	98	198	2.882	0.495	0.172	5.6	20.00
701	40.7952	116.3629	3.2	497	QOA3	0	0	0	0	69	40.9	2287	44	104	185	2.364	0.562	0.238	5.6	20.00
702	40.7952	116.3634	1.3	496	QOA3	0	0	0	0	73	40.9	2341	44	93	234	2.114	0.397	0.188	5.7	20.00
703	40.7952	116.3639	0.3	493	QOA3	0	0	0	0	76	40.8	2248	47	74	223	1.574	0.332	0.211	5.7	20.00
704	40.7952	116.3644	-1.6	490	QOA3	0	0	0	0	72	40.7	2233	49	138	152	2.816	0.908	0.322	5.7	20.00
706	40.7952	116.3654	-3.8	469	QOA3	0	0	0	0	65	40.5	2345	56	114	168	2.036	0.679	0.333	5.7	20.00
707	40.7952	116.3659	-5.3	458	QOA3	0	0	0	0	67	40.1	2306	51	127	193	2.490	0.658	0.264	5.7	20.00
708	40.7952	116.3664	-6.5	448	QOA3	0	0	0	0	70	39.8	2321	59	127	171	2.153	0.743	0.345	5.7	20.00
709	40.7952	116.3669	-7.5	436	QOA3	0	0	0	0	74	32.4	2320	59	104	203	1.763	0.512	0.291	5.8	20.00
710	40.7952	116.3674	-9.3	423	QOA3	0	0	0	0	77	32.2	2224	62	98	197	1.581	0.497	0.315	5.8	20.00
711	40.7952	116.3679	-11.4	394	QOA3	0	0	0	0	73	31.6	2135	41	136	157	3.317	0.866	0.261	5.8	20.00
712	40.7952	116.3684	-14.3	366	QOA3	0	0	0	0	63	31.1	2053	47	126	148	2.681	0.851	0.318	5.8	20.00
713	40.7952	116.3689	-15.4	346	QOA3	0	0	0	0	83	30.7	1961	45	36	201	0.800	0.179	0.224	5.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
714	40.7952	116.3694	-17.1	361	QOA3	0	0	0	0	72	31.0	2026	60	84	144	1.400	0.583	0.417	5.7	20.00
715	40.7953	116.3699	-18.3	393	QOA3	0	0	0	0	64	31.6	2030	42	111	174	2.643	0.638	0.241	5.7	20.00
716	40.7953	116.3704	-20.5	414	QOA3	0	0	0	0	73	32.0	2096	47	110	175	2.340	0.629	0.269	5.7	20.00
717	40.7953	116.3709	-22.5	432	QOA3	0	0	0	0	68	32.3	2212	54	134	169	2.481	0.793	0.320	5.9	20.00
718	40.7953	116.3714	-23.9	453	QOA3	0	0	0	0	79	32.7	2088	53	79	172	1.491	0.459	0.308	6.1	20.00
719	40.7953	116.3718	-25.1	479	QOA3	0	0	0	0	56	33.1	2067	43	94	167	2.186	0.563	0.257	6.2	20.00
720	40.7953	116.3723	-26.9	495	QOA3	0	0	0	0	58	33.4	1993	46	60	184	1.304	0.326	0.250	6.2	20.00
721	40.7953	116.3728	-28.5	493	QOA3	0	0	0	0	70	33.4	1934	47	57	145	1.213	0.393	0.324	6.1	20.00
723	40.79[illegible]	116.3738	-31.2	479	QOA3	0	0	0	0	65	33.2	1847	27	189	108	7.000	1.750	0.250	6.1	20.00
724	40.7953	116.3743	-33.8	490	QOA3	0	0	0	0	64	33.3	1913	46	133	124	2.891	1.073	0.371	6.1	20.00
725	40.7953	116.3748	-35.6	497	QOA3	0	0	0	0	65	33.5	1928	38	167	104	4.395	1.606	0.365	5.9	20.00
726	40.7953	116.3753	-37.7	500	QOA3	0	0	0	0	66	33.5	1965	49	130	92	2.653	1.413	0.533	5.8	20.00
727	40.7953	116.3758	-38.9	499	QOA3	0	0	0	0	68	33.5	1960	60	100	95	1.667	1.053	0.632	5.8	20.00
728	40.7953	116.3763	-40.1	495	QOA3	0	0	0	0	58	33.4	2004	43	128	136	2.977	0.941	0.316	5.8	20.00
729	40.7953	116.3768	-41.2	498	QOA3	0	0	0	0	67	32.4	2025	38	84	170	2.211	0.494	0.224	5.8	20.00
730	40.7953	116.3773	-43.6	499	QOA3	0	0	0	0	73	32.4	2040	37	150	134	4.054	1.119	0.276	5.8	20.00
731	40.7953	116.3778	-45.2	497	QOA3	0	0	0	0	74	32.4	1926	26	120	130	4.615	0.923	0.200	5.6	20.00
732	40.7953	116.3784	-46.8	502	QOA3	0	0	1	0	62	32.4	1997	53	12	206	0.226	0.058	0.257	5.6	20.00
733	40.7953	116.3789	-47.7	500	QOA3	0	0	0	0	73	32.4	2029	61	100	123	1.639	0.813	0.496	5.6	20.00
734	40.7952	116.3794	-49.1	497	QOA3	0	0	0	0	69	32.4	1953	47	70	172	1.489	0.407	0.273	5.5	20.00
735	40.7952	116.3800	-50.4	497	QOA3	0	0	0	0	70	32.4	1966	49	86	147	1.755	0.585	0.333	5.5	20.00
736	40.7952	116.3805	-52.1	496	QOA3	0	0	0	0	72	32.3	2021	39	78	175	2.000	0.446	0.223	5.6	20.00
737	40.7951	116.3810	-52.7	495	QOA3	0	0	0	0	72	32.3	2074	37	184	105	4.973	1.752	0.352	5.7	20.00
738	40.7951	116.3816	-55.0	496	QOA3	0	0	0	0	79	32.3	2134	50	146	155	2.920	0.942	0.323	5.8	20.00
739	40.7951	116.3821	-56.9	496	QOA3	0	0	0	0	79	32.3	2250	33	187	152	5.667	1.230	0.217	5.8	20.00
740	40.7951	116.3826	-58.3	494	QOA3	0	0	0	0	70	32.3	2170	43	88	187	2.047	0.471	0.230	5.7	20.00
741	40.7950	116.3832	-59.7	495	QOA3	0	0	0	0	55	32.3	2206	50	117	178	2.340	0.657	0.281	5.7	20.00
742	40.7950	116.3837	-61.8	494	QOA3	0	0	0	0	77	32.3	2151	53	66	180	1.245	0.367	0.294	5.7	20.00
743	40.7950	116.3842	-62.7	492	QOA3	0	0	0	0	67	32.3	2220	45	123	196	2.733	0.628	0.230	5.6	20.00
744	40.7949	116.3848	-63.3	488	QOA3	0	0	0	0	65	32.2	2170	50	136	165	2.720	0.824	0.303	5.8	20.00
745	40.7949	116.3853	-64.5	481	QOA3	0	0	0	0	67	32.1	2341	65	87	212	1.338	0.410	0.307	5.9	20.00
746	40.7949	116.3858	-65.7	472	QOA3	0	0	0	0	63	31.9	2175	54	114	172	2.111	0.663	0.314	6.0	20.00
747	40.7949	116.3864	-66.9	464	QOA3	0	0	0	0	72	31.8	2155	34	113	153	3.324	0.739	0.222	6.0	20.00
748	40.7948	116.3869	-68.8	455	QOA3	0	0	0	0	62	44.4	2079	43	156	127	3.628	1.228	0.339	6.1	20.00
749	40.7948	116.3874	-70.2	449	QOA3	0	0	0	0	71	44.2	2092	46	97	153	2.109	0.634	0.301	6.2	20.00
750	40.7948	116.3880	-70.2	438	QOA3	0	0	0	0	66	44.0	2086	36	81	228	2.250	0.355	0.158	6.3	20.00
751	40.7947	116.3885	-70.2	428	QOA3	0	0	0	0	62	43.8	2087	69	42	163	0.609	0.258	0.423	6.3	20.00
752	40.7947	116.3890	-71.4	418	QOA3	0	0	0	0	59	43.5	2167	57	71	175	1.246	0.406	0.326	6.3	20.00
753	40.7947	116.3896	-72.6	411	QOA3	0	0	0	0	76	43.3	2112	41	53	202	1.293	0.262	0.203	6.4	20.00
754	40.7947	116.3901	-73.7	401	QOA3	0	0	0	0	68	43.1	2076	41	116	171	2.829	0.678	0.240	6.3	20.00
755	40.7946	116.3906	-74.2	393	QOA3	0	0	0	0	62	42.9	2197	30	161	179	5.367	0.899	0.168	6.3	20.00
756	40.7946	116.3912	-74.9	386	QOA3	0	0	0	0	71	42.7	2121	47	66	215	1.404	0.307	0.219	6.3	20.00
757	40.7946	116.3917	-77.0	382	QOA3	0	0	0	0	62	42.6	2204	56	107	197	1.911	0.543	0.284	6.4	20.00
758	40.7945	116.3922	-76.6	380	QOA3	0	0	0	0	65	42.6	2268	49	99	200	2.020	0.495	0.245	6.5	20.00
759	40.7945	116.3928	-76.8	377	QOA3	0	0	0	0	61	42.5	2147	69	67	163	0.971	0.411	0.423	6.5	20.00
760	40.7945	116.3933	-78.2	377	QOA3	0	0	0	0	66	42.5	2067	56	109	131	1.946	0.832	0.427	6.5	20.00
761	40.7945	116.3939	-79.3	378	QOA3	0	0	0	0	67	42.5	2101	42	104	185	2.476	0.562	0.227	6.4	20.00
762	40.7944	116.3944	-79.6	381	QOA3	0	0	0	0	65	42.6	2121	47	86	191	1.830	0.450	0.246	6.4	20.00
763	40.7944	116.3949	-82.7	382	QOA3	0	0	0	0	60	42.6	2019	48	92	197	1.917	0.467	0.244	6.3	20.00
764	40.7944	116.3955	-83.4	383	QOA3	0	0	0	0	64	42.6	2152	50	132	147	2.640	0.898	0.340	6.4	20.00
765	40.7943	116.3960	-84.7	383	QOA3	0	0	1	0	59	42.6	2105	48	25	230	0.521	0.109	0.209	6.4	20.00
766	40.7943	116.3965	-84.8	386	QOA3	0	0	0	0	66	42.7	2133	42	129	178	3.071	0.725	0.236	6.4	20.00
767	40.7943	116.3971	-85.6	394	QOA3	0	0	0	0	68	48.1	2138	48	82	173	1.708	0.474	0.277	6.4	20.00
768	40.7943	116.3976	-86.8	384	QOA3	0	0	0	0	64	47.8	2128	28	119	183	4.250	0.650	0.153	6.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
769	40.7942	116.3981	-88.3	373	QOA3	0	0	0	0	63	47.5	2089	54	85	178	1.574	0.478	0.303	6.3	20.00
770	40.7942	116.3987	-87.5	363	QOA3	0	0	0	0	64	47.2	2084	35	74	212	2.114	0.349	0.165	6.3	20.00
771	40.7942	116.3992	-87.9	354	QOA3	0	0	0	0	71	47.0	2130	25	159	182	6.360	0.874	0.137	6.3	20.00
772	40.7941	116.3997	-87.4	343	QOA3	0	0	0	0	65	46.6	2157	53	129	164	2.434	0.787	0.323	6.3	20.00
773	40.7941	116.4003	-87.5	336	QOA3	0	0	0	0	65	46.4	2095	60	90	173	1.500	0.520	0.347	6.3	20.00
774	40.7941	116.4008	-88.0	326	QOA3	0	0	0	0	67	46.1	2108	49	78	197	1.592	0.396	0.249	6.4	20.00
775	40.7940	116.4013	-87.4	319	QOA3	0	0	0	0	66	45.9	2089	45	95	195	2.111	0.487	0.231	6.4	20.00
776	40.7940	116.4019	-87.6	316	QOA3	0	0	0	0	61	45.8	2238	42	139	190	3.310	0.732	0.221	6.5	20.00
777	40.7940	116.4024	-87.2	318	QOA3	0	0	0	0	61	45.9	2189	44	67	194	1.523	0.345	0.227	6.5	20.00
778	40.7940	116.4029	-87.8	318	QOA3	0	0	0	0	69	45.9	2098	37	113	164	3.054	0.689	0.226	6.5	20.00
779	40.7939	116.4035	-88.1	323	QOA3	0	0	0	0	69	46.0	2110	44	98	201	2.227	0.488	0.219	6.5	20.00
780	40.7939	116.4040	-88.3	322	QOA3	0	0	0	0	72	46.0	2071	46	108	197	2.348	0.548	0.234	6.5	20.00
781	40.7939	116.4045	-89.1	320	QOA3	0	0	0	0	63	45.9	2086	31	116	202	3.742	0.574	0.153	6.4	20.00
782	40.7938	116.4051	-89.5	321	QOA3	0	0	0	0	60	46.0	2172	50	84	225	1.680	0.373	0.222	6.5	20.00
783	40.7938	116.4056	-89.1	323	QOA3	0	0	0	0	66	46.0	2148	59	70	181	1.186	0.387	0.326	6.5	20.00
784	40.7938	116.4061	-89.2	322	QOA3	0	0	0	0	66	46.0	2114	52	93	168	1.788	0.554	0.310	6.6	20.00
785	40.7938	116.4067	-89.6	326	QOA3	0	0	0	0	73	46.1	2092	58	50	172	0.862	0.291	0.337	6.7	20.00
786	40.7937	116.4072	-89.6	334	QOA3	0	0	0	0	67	52.6	2137	60	94	181	1.567	0.519	0.331	6.7	20.00
787	40.7937	116.4077	-90.1	346	QOA3	0	0	0	0	59	53.0	2122	37	184	133	4.973	1.383	0.278	6.9	20.00
788	40.7937	116.4083	-91.6	342	QOA3	0	0	0	0	63	52.9	2084	49	70	181	1.429	0.387	0.271	7.0	20.00
789	40.7936	116.4088	-91.7	343	QOA3	0	0	0	0	59	52.9	2052	56	79	154	1.411	0.513	0.364	7.2	20.00
790	40.7936	116.4093	-91.5	350	QOA3	0	0	0	0	71	53.2	2115	32	103	189	3.219	0.545	0.169	7.4	20.00
791	40.7936	116.4099	-92.5	358	QOA3	0	0	0	0	65	53.5	2114	53	38	226	0.717	0.168	0.235	7.6	20.00
792	40.7936	116.4104	-93.3	365	QOA3	0	0	0	0	52	53.7	2182	47	113	183	2.404	0.617	0.257	7.7	20.00
793	40.7935	116.4109	-93.8	377	QOA3	0	0	1	0	65	54.1	2104	37	9	243	0.243	0.037	0.152	7.9	20.00
794	40.7935	116.4115	-94.9	388	QOA3	0	0	0	0	60	54.4	2093	41	74	185	1.805	0.400	0.222	8.0	20.00
795	40.7935	116.4120	-95.9	398	QOA3	0	0	1	0	69	54.8	2168	58	4	256	0.069	0.016	0.227	8.0	20.00
796	40.7934	116.4125	-97.0	405	QOA3	0	0	0	0	76	55.0	2112	36	101	161	2.806	0.627	0.224	8.0	20.00
797	40.7934	116.4131	-98.8	405	QOA3	0	0	0	0	72	55.0	2137	56	123	103	2.196	1.194	0.544	8.0	20.00
798	40.7934	116.4136	-99.2	410	QOA3	0	0	0	0	63	55.1	2173	36	114	155	3.167	0.735	0.232	8.0	20.00
799	40.7934	116.4141	-99.7	416	QOA3	0	0	0	0	66	55.3	2105	34	97	181	2.853	0.536	0.188	8.0	20.00
800	40.7933	116.4147	-100.6	418	QOA3	0	0	0	0	70	55.4	2158	54	88	164	1.630	0.537	0.329	8.0	20.00
801	40.7933	116.4152	-101.4	424	QOA3	0	0	0	0	54	55.6	2133	56	48	211	0.857	0.227	0.265	8.0	20.00
802	40.7933	116.4157	-101.9	442	QOA3	0	0	0	0	61	56.1	2151	44	97	186	2.205	0.522	0.237	8.0	20.00
803	40.7932	116.4163	-103.3	441	QOA3	0	0	0	0	70	56.1	2064	35	67	175	1.914	0.383	0.200	8.1	20.00
804	40.7932	116.4168	-104.1	448	QOA3	0	0	0	0	63	56.3	2219	64	75	158	1.172	0.475	0.405	8.0	20.00
805	40.7932	116.4173	-105.1	460	QOA3	0	0	0	0	64	37.6	2122	43	88	180	2.047	0.489	0.239	8.0	20.00
806	40.7932	116.4179	-106.6	475	QOA3	0	0	0	0	62	37.9	2154	51	120	157	2.353	0.764	0.325	8.2	20.00
807	40.7931	116.4184	-108.1	488	QOA3	0	0	0	0	63	38.1	2203	47	129	177	2.745	0.729	0.266	8.3	20.00
808	40.7931	116.4189	-108.2	487	QOA3	0	0	0	0	70	38.1	2230	61	91	156	1.492	0.583	0.391	8.4	20.00
809	40.7931	116.4195	-107.8	491	QOA3	0	0	0	0	61	38.2	2156	45	50	219	1.111	0.228	0.205	8.5	20.00
810	40.7930	116.4200	-108.9	494	QOA3	0	0	0	0	68	38.3	2193	55	94	120	1.709	0.783	0.458	8.6	20.00
811	40.7930	116.4205	-109.5	494	QOA3	0	0	0	0	63	38.3	2157	42	93	161	2.214	0.578	0.261	8.6	20.00
812	40.7930	116.4211	-110.4	498	QOA3	0	0	0	0	67	38.3	2211	49	85	173	1.735	0.491	0.283	8.9	20.00
813	40.7930	116.4216	-112.7	497	QOA3	0	0	0	0	62	38.3	2093	49	58	178	1.184	0.326	0.275	8.9	20.00
814	40.7929	116.4221	-112.8	499	QOA3	0	0	0	0	62	38.4	2170	30	144	161	4.800	0.894	0.186	8.9	20.00
815	40.7929	116.4227	-114.2	501	QOA3	0	0	0	0	68	38.4	2055	41	123	127	3.000	0.969	0.323	9.0	20.00
816	40.7929	116.4232	-114.5	511	QOA3	0	0	0	0	68	38.6	2018	37	116	133	3.135	0.872	0.278	9.1	20.00
817	40.7928	116.4237	-114.9	531	QOA3	0	0	0	0	72	39.0	2128	37	111	137	3.000	0.810	0.270	9.2	20.00
818	40.7928	116.4243	-114.8	593	QOA3	0	0	0	0	74	40.1	2126	35	124	143	3.543	0.867	0.245	9.3	20.00
819	40.7928	116.4248	-115.6	603	QOA3	0	0	0	0	77	40.2	2155	44	31	242	0.705	0.128	0.182	9.3	20.00
820	40.7927	116.4253	-118.3	526	QOA3	0	0	0	0	60	38.9	2093	42	136	135	3.238	1.007	0.311	9.4	20.00
821	40.7927	116.4259	-118.3	514	QOA3	0	0	0	0	66	38.6	2011	34	77	182	2.265	0.423	0.187	9.4	20.00
822	40.7927	116.4264	-118.5	507	QOA3	0	0	0	0	67	38.5	2118	56	138	141	2.464	0.979	0.397	9.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
823	40.7927	116.4269	-119.3	516	QOA3	0	0	0	0	63	38.7	2114	33	97	187	2.939	0.519	0.176	9.4	20.00
824	40.7926	116.4275	-120.3	499	QOA3	0	0	0	0	67	37.5	2116	40	102	189	2.550	0.540	0.212	9.4	20.00
825	40.7926	116.4280	-121.9	497	QOA3	0	0	0	0	58	37.4	2089	48	85	183	1.771	0.464	0.262	9.4	20.00
826	40.7926	116.4285	-122.3	496	QOA3	0	0	0	0	63	37.4	2099	41	86	152	2.098	0.566	0.270	9.4	20.00
827	40.7925	116.4291	-122.7	495	QOA3	0	0	0	0	61	37.4	2210	46	137	197	2.978	0.695	0.234	9.5	20.00
828	40.7925	116.4296	-123.8	493	QOA3	0	0	0	0	63	37.4	2193	41	145	164	3.537	0.884	0.250	9.4	20.00
829	40.7925	116.4301	-125.4	494	QOA3	0	0	0	0	70	37.4	2098	33	103	168	3.121	0.613	0.196	9.5	20.00
830	40.7925	116.4307	-126.3	493	QOA3	0	0	0	0	64	37.4	2193	64	103	160	1.609	0.644	0.400	9.5	20.00
831	40.7924	116.4312	-127.9	492	QOA3	0	0	0	0	70	37.3	2151	46	157	149	3.413	1.054	0.309	9.6	20.00
832	40.7924	116.4317	-128.5	493	QOA3	0	0	0	0	63	37.4	2063	39	145	154	3.718	0.942	0.253	9.7	20.00
833	40.7924	116.4323	-129.6	493	QOA3	0	0	0	0	70	37.4	2234	54	81	167	1.500	0.485	0.323	9.8	20.00
834	40.7923	116.4328	-131.0	498	QOA3	0	0	0	0	67	37.5	2165	45	97	178	2.156	0.545	0.253	9.8	20.00
835	40.7923	116.4333	-131.4	494	QOA3	0	0	0	0	62	37.4	2207	60	92	172	1.533	0.535	0.349	9.8	20.00
836	40.7923	116.4339	-132.3	490	QOA3	0	0	0	0	59	37.3	2126	55	87	175	1.582	0.497	0.314	9.7	20.00
837	40.7923	116.4344	-133.1	497	QOA3	0	0	0	0	72	37.4	2173	66	94	168	1.424	0.560	0.393	9.8	20.00
838	40.7922	116.4349	-135.0	491	QOA3	0	0	0	0	71	37.3	2177	52	114	160	2.192	0.712	0.325	9.7	20.00
839	40.7922	116.4355	-135.8	477	QOA3	0	0	0	0	60	37.0	2154	60	86	174	1.433	0.494	0.345	9.7	20.00
840	40.7922	116.4360	-137.4	472	QOA3	0	0	0	0	75	37.0	2166	49	119	178	2.429	0.669	0.275	9.6	20.00
841	40.7921	116.4365	-137.8	472	QOA3	0	0	0	0	65	37.0	2225	43	149	177	3.465	0.842	0.243	9.4	20.00
842	40.7921	116.4371	-139.9	476	QOA3	0	0	0	0	62	37.0	2173	51	95	203	1.863	0.468	0.251	9.2	20.00
843	40.7921	116.4376	-141.0	476	QOA3	0	0	0	0	60	32.6	2191	63	77	198	1.222	0.389	0.318	9.3	20.00
844	40.7921	116.4381	-142.2	468	QOA3	0	0	0	0	71	32.5	2166	56	63	215	1.125	0.293	0.260	9.3	20.00
845	40.7920	116.4387	-141.8	463	QOA3	0	0	0	0	63	32.4	2156	54	112	169	2.074	0.663	0.320	9.3	20.00
846	40.7920	116.4392	-144.0	458	QOA3	0	0	0	0	73	32.3	2105	52	66	170	1.269	0.388	0.306	9.3	20.00
847	40.7920	116.4397	-143.9	453	QOA3	0	0	0	0	64	32.2	2112	43	95	194	2.209	0.490	0.222	9.3	20.00
848	40.7919	116.4403	-146.1	444	QOA3	0	0	0	0	65	32.1	2120	43	80	194	1.860	0.412	0.222	9.3	20.00
849	40.7919	116.4408	-146.8	437	QOA3	0	0	0	0	75	31.9	1999	40	105	166	2.625	0.633	0.241	9.2	20.00
850	40.7919	116.4413	-147.7	428	QOA3	0	0	0	0	66	31.8	1924	35	105	178	3.000	0.590	0.197	9.2	20.00
851	40.7919	116.4419	-148.4	423	QOA3	0	0	0	0	77	31.7	1945	61	39	172	0.639	0.227	0.355	9.2	20.00
852	40.7918	116.4424	-149.3	419	QOA3	0	0	0	0	67	31.6	1881	42	47	182	1.119	0.258	0.231	9.2	20.00
853	40.7918	116.4429	-150.7	420	QOA3	0	0	0	0	67	31.6	1831	46	111	125	2.413	0.888	0.368	9.2	20.00
854	40.7918	116.4435	-150.0	424	QOA3	0	0	0	0	67	31.7	1804	31	103	141	3.323	0.730	0.220	9.2	20.00
855	40.7917	116.4440	-150.8	431	QOA3	0	0	0	0	70	31.8	1747	38	88	107	2.316	0.822	0.355	9.3	20.00
856	40.7917	116.4445	-153.3	443	QA2	0	0	0	0	59	32.0	1676	49	48	118	0.980	0.407	0.415	9.4	20.00
857	40.7917	116.4451	-153.6	455	QA2	0	0	0	0	65	32.3	1717	40	66	135	1.650	0.489	0.296	9.5	20.00
858	40.7917	116.4456	-153.6	464	QA2	0	0	0	0	66	32.4	1704	31	60	159	1.935	0.377	0.195	9.4	20.00
859	40.7916	116.4461	-154.7	464	QA2	0	0	0	0	65	32.4	1634	34	43	161	1.265	0.267	0.211	9.2	20.00
860	40.7916	116.4467	-155.6	463	QA2	0	0	0	0	75	32.4	1613	28	63	117	2.250	0.538	0.239	9.1	20.00
861	40.7916	116.4472	-154.4	471	QA2	0	0	0	0	61	32.5	1575	37	46	129	1.243	0.357	0.287	9.2	20.00
862	40.7915	116.4477	-155.0	476	QA2	0	0	0	0	56	48.0	1655	37	26	150	0.703	0.173	0.247	9.1	20.00
863	40.7915	116.4483	-156.4	470	QA2	0	0	1	0	67	47.9	1674	40	15	146	0.375	0.103	0.274	9.0	20.00
864	40.7915	116.4488	-157.0	475	QA2	0	0	0	0	57	47.9	1734	31	75	121	2.419	0.620	0.256	9.0	20.00
865	40.7914	116.4493	-157.1	477	QA2	0	0	0	0	66	48.0	1747	34	50	139	1.471	0.360	0.245	9.0	20.00
866	40.7914	116.4499	-158.5	479	QA2	0	0	0	0	69	48.0	1790	34	41	149	1.206	0.275	0.228	9.2	20.00
867	40.7914	116.4504	-159.3	488	QA2	0	0	0	0	67	48.3	1905	43	75	144	1.744	0.521	0.299	9.3	20.00
868	40.7914	116.4509	-160.4	487	QA2	0	0	0	0	64	48.2	1914	26	74	163	2.846	0.454	0.160	9.4	20.00
869	40.7913	116.4515	-160.3	481	QA2	0	0	0	0	57	48.1	1909	34	45	211	1.324	0.213	0.161	9.3	20.00
870	40.7913	116.4520	-162.1	484	QA2	0	0	0	0	64	48.2	2013	45	47	180	1.044	0.261	0.250	9.4	20.00
871	40.7913	116.4525	-161.8	481	QA2	0	0	0	0	72	48.1	1916	41	28	162	0.683	0.173	0.253	9.5	20.00
872	40.7912	116.4531	-164.7	477	QA2	0	0	0	0	66	48.0	1959	43	34	188	0.791	0.181	0.229	9.6	20.00
873	40.7912	116.4536	-164.3	476	QA2	0	0	0	0	62	48.0	2031	43	87	166	2.023	0.524	0.259	9.7	20.00
874	40.7912	116.4541	-164.5	474	QA2	0	0	0	0	74	47.9	1875	38	80	139	2.105	0.576	0.273	9.9	20.00
875	40.7912	116.4547	-164.6	471	QA2	0	0	1	0	64	47.8	1898	44	3	224	0.068	0.013	0.196	10.0	20.00
877	40.7911	116.4557	-166.9	463	QA2	0	0	0	0	61	47.6	1921	34	49	184	1.441	0.266	0.185	10.1	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
878	40.7911	116.4563	-168.4	453	QA2	0	0	0	0	66	47.4	1843	39	47	140	1.205	0.336	0.279	10.0	20.00
879	40.7910	116.4568	-168.5	445	QA2	0	0	1	0	65	47.2	1915	48	3	184	0.063	0.016	0.261	10.0	20.00
880	40.7910	116.4573	-168.5	437	QA2	0	0	0	0	65	47.0	1862	21	123	161	5.857	0.764	0.130	10.1	20.00
881	40.7910	116.4579	-169.6	435	QA2	0	0	0	0	59	46.9	1905	46	41	148	0.891	0.277	0.311	10.2	20.00
882	40.7910	116.4584	-170.0	435	QA2	0	0	0	0	69	49.2	1781	24	75	137	3.125	0.547	0.175	10.4	20.00
883	40.7909	116.4589	-170.7	429	QA2	0	0	0	0	69	49.1	1824	26	33	176	1.269	0.188	0.148	10.4	20.00
884	40.7909	116.4595	-171.5	430	QA2	0	0	0	0	65	49.1	1798	33	40	190	1.212	0.211	0.174	10.5	20.00
885	40.7909	116.4600	-172.1	431	QA2	0	0	0	0	71	49.1	1836	23	85	132	3.696	0.644	0.174	10.6	20.00
886	40.7908	116.4605	-173.0	427	QA2	0	0	1	0	66	49.0	1685	46	-20	165	-0.435	-0.121	0.279	10.7	20.00
887	40.7908	116.4611	-172.7	427	QA2	0	0	0	0	59	49.0	1691	35	60	135	1.714	0.444	0.259	10.7	20.00
888	40.7908	116.4616	-173.8	424	QA2	0	0	0	0	64	48.9	1672	22	43	145	1.955	0.297	0.152	10.8	20.00
889	40.7908	116.4621	-175.6	428	QA2	0	0	0	0	61	49.0	1720	28	66	156	2.357	0.423	0.179	10.9	20.00
890	40.7907	116.4627	-175.8	428	QA2	0	0	0	0	59	49.0	1713	29	39	166	1.345	0.235	0.175	10.8	20.00
891	40.7907	116.4632	-176.9	426	QA2	0	0	0	0	70	49.0	1648	31	48	140	1.548	0.343	0.221	10.8	20.00
892	40.7907	116.4637	-178.2	430	QA2	0	0	0	0	65	49.1	1631	24	46	153	1.917	0.301	0.157	10.8	20.00
893	40.7906	116.4643	-179.3	435	QA2	0	0	0	0	61	49.2	1678	27	68	130	2.519	0.523	0.208	10.9	20.00
894	40.7906	116.4648	-179.5	452	QA2	0	0	0	0	70	49.7	1662	31	35	116	1.129	0.302	0.267	10.9	20.00
895	40.7906	116.4653	-181.4	454	QA2	0	0	0	0	66	49.7	1750	30	65	137	2.167	0.474	0.219	11.0	20.00
896	40.7906	116.4659	-181.8	445	QA2	0	0	0	0	68	49.5	1719	31	61	157	1.968	0.389	0.197	11.0	20.00
897	40.7905	116.4664	-180.7	439	QA2	0	0	0	0	62	49.3	1795	24	64	179	2.667	0.358	0.134	11.1	20.00
898	40.7905	116.4669	-181.7	433	QA2	0	0	0	0	65	49.2	1834	23	100	128	4.348	0.781	0.180	11.1	20.00
899	40.7905	116.4675	-182.4	422	QA2	0	0	0	0	59	48.9	1879	25	65	201	2.600	0.323	0.124	11.1	20.00
900	40.7904	116.4680	-182.3	416	QA2	0	0	0	0	76	48.7	1789	28	43	172	1.536	0.250	0.163	11.3	20.00
901	40.7904	116.4685	-183.9	414	QA2	0	0	1	0	62	53.3	1940	49	-4	209	-0.082	-0.019	0.234	11.5	20.00
902	40.7904	116.4691	-185.1	413	QA2	0	0	1	0	67	53.3	1857	46	17	183	0.370	0.093	0.251	11.6	20.00
903	40.7904	116.4696	-185.2	414	QA2	0	0	0	0	59	53.3	1914	35	71	184	2.029	0.386	0.190	11.8	20.00
904	40.7903	116.4701	-185.7	418	QA2	0	0	0	0	71	53.5	1937	36	33	238	0.917	0.139	0.151	12.0	20.00
905	40.7903	116.4707	-185.4	421	QA2	0	0	1	0	75	53.6	1946	51	5	178	0.098	0.028	0.287	12.0	20.00
906	40.7903	116.4712	-186.1	429	QA2	0	0	0	0	58	53.8	1991	41	83	159	2.024	0.522	0.258	12.1	20.00
907	40.7902	116.4717	-186.5	432	QA2	0	0	0	0	69	53.9	1965	20	163	130	8.150	1.254	0.154	12.2	20.00
908	40.7902	116.4723	-186.7	426	QA2	0	0	0	0	66	53.7	1956	37	48	211	1.297	0.227	0.175	12.2	20.00
909	40.7902	116.4728	-187.7	413	QA2	0	0	0	0	67	53.3	1888	32	54	179	1.688	0.302	0.179	12.3	20.00
910	40.7902	116.4733	-187.6	405	QA2	0	0	0	0	60	53.1	1910	32	109	136	3.406	0.801	0.235	12.4	20.00
911	40.7901	116.4739	-188.2	407	QA2	0	0	0	0	75	53.1	1871	32	45	173	1.406	0.260	0.185	12.5	20.00
912	40.7901	116.4744	-188.6	406	QA2	0	0	1	0	62	53.1	1973	54	-41	231	-0.759	-0.177	0.234	12.6	20.00
913	40.7901	116.4749	-190.2	405	QA2	0	0	0	0	58	53.1	1932	41	34	196	0.829	0.173	0.209	12.7	20.00
914	40.7900	116.4755	-190.1	404	QA2	0	0	1	0	71	53.0	1983	37	13	224	0.351	0.058	0.165	12.8	20.00
915	40.7900	116.4760	-191.2	405	QA2	0	0	0	0	68	53.1	2113	32	100	193	3.125	0.518	0.166	13.0	20.00
916	40.7900	116.4765	-191.0	411	QA2	0	0	1	0	68	53.2	2139	42	18	261	0.429	0.069	0.161	13.2	20.00
917	40.7899	116.4771	-192.0	420	QA2	0	0	0	0	61	53.5	2121	39	73	196	1.872	0.372	0.199	13.4	20.00
918	40.7899	116.4776	-192.9	424	QA2	0	0	0	0	66	53.7	2115	37	112	210	3.027	0.533	0.176	13.3	20.00
919	40.7899	116.4781	-194.6	416	QA2	0	0	0	0	69	53.4	2140	47	75	176	1.596	0.426	0.267	13.1	20.00
920	40.7899	116.4787	-195.0	412	QA2	0	0	0	0	66	56.7	2250	56	34	219	0.607	0.155	0.256	13.2	20.00
921	40.7898	116.4792	-195.5	416	QA2	0	0	0	0	62	56.9	2245	41	88	222	2.146	0.396	0.185	13.4	20.00
922	40.7898	116.4797	-197.2	417	QA2	0	0	1	0	67	56.9	2159	54	27	227	0.500	0.119	0.238	13.5	20.00
923	40.7898	116.4803	-196.5	416	QA2	0	0	0	0	69	56.9	2099	30	59	207	1.967	0.285	0.145	13.5	20.00
924	40.7897	116.4808	-196.9	418	QA2	0	0	0	0	66	56.9	2159	56	68	204	1.214	0.333	0.275	13.7	20.00
925	40.7897	116.4814	-198.3	414	QA2	0	0	0	0	55	56.8	2146	53	73	170	1.377	0.429	0.312	13.8	20.00
926	40.7897	116.4820	-198.0	409	QA2	0	0	0	0	70	56.6	2159	35	80	215	2.286	0.372	0.163	13.8	20.00
927	40.7898	116.4826	-198.9	401	QA2	0	0	0	0	65	56.4	2169	35	117	184	3.343	0.636	0.190	14.0	20.00
928	40.7898	116.4832	-198.3	399	QA2	0	0	0	0	60	56.3	2170	34	47	233	1.382	0.202	0.146	14.2	20.00
929	40.7898	116.4838	-199.7	397	QA2	0	0	0	0	70	56.2	2060	37	92	175	2.486	0.526	0.211	14.3	20.00
930	40.7898	116.4845	-200.1	394	QA2	0	0	0	0	64	56.1	2026	42	71	206	1.690	0.345	0.204	14.4	20.00
931	40.7899	116.4851	-201.0	392	QA2	0	0	0	0	67	56.1	2056	47	29	231	0.617	0.126	0.203	14.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
932	40.7899	116.4857	-201.4	389	QA2	0	0	0	0	58	56.0	2040	43	46	211	1.070	0.218	0.204	14.5	20.00
933	40.7899	116.4863	-201.1	381	QA2	0	0	0	0	63	55.7	1944	28	86	165	3.071	0.521	0.170	14.6	20.00
934	40.7899	116.4869	-202.0	381	QA2	0	0	0	0	61	55.7	2044	43	96	178	2.233	0.539	0.242	14.7	20.00
935	40.7899	116.4876	-201.8	381	QA2	0	0	1	0	66	55.7	2052	40	-4	236	-0.100	-0.017	0.169	14.7	20.00
936	40.7900	116.4882	-202.0	376	QA2	0	0	0	0	65	55.5	2029	60	60	152	1.000	0.395	0.395	14.7	20.00
937	40.7900	116.4888	-201.9	372	QA2	0	0	0	0	65	55.4	2104	41	49	228	1.195	0.215	0.180	14.8	20.00
938	40.7900	116.4894	-203.4	368	QA2	0	0	0	0	64	55.3	2117	40	108	190	2.700	0.568	0.211	15.0	20.00
939	40.7900	116.4900	-204.0	364	QA2	0	0	0	0	61	61.6	2135	50	83	189	1.660	0.439	0.265	15.1	20.00
940	40.7901	116.4906	-203.2	360	QA2	0	0	0	0	73	61.5	2105	43	128	153	2.977	0.837	0.281	15.2	20.00
941	40.7901	116.4913	-203.6	357	QA2	0	0	0	0	63	61.4	2089	63	64	173	1.016	0.370	0.364	15.4	20.00
942	40.7901	116.4919	-205.2	351	QA2	0	0	0	0	71	61.1	2095	39	50	226	1.282	0.221	0.173	15.5	20.00
943	40.7901	116.4925	-205.9	346	QA2	0	0	0	0	70	60.9	2090	49	116	168	2.367	0.690	0.292	15.6	20.00
944	40.7902	116.4931	-206.3	348	QA2	0	0	0	0	66	61.0	2135	45	76	208	1.689	0.365	0.216	15.8	20.00
945	40.7902	116.4937	-206.7	349	QA2	0	0	0	0	63	61.1	2045	58	80	153	1.379	0.523	0.379	16.0	20.00
946	40.7902	116.4944	-206.8	348	QA2	0	0	0	0	63	61.0	2202	57	82	187	1.439	0.439	0.305	15.9	20.00
947	40.7902	116.4950	-207.7	342	QA2	0	0	0	0	61	60.8	2091	54	50	227	0.926	0.220	0.238	15.9	20.00
948	40.7902	116.4956	-208.9	330	QA2	0	0	0	0	66	60.3	2042	45	88	158	1.956	0.557	0.285	15.9	20.00
949	40.7903	116.4962	-209.1	325	QA2	0	0	1	0	60	60.1	2123	65	13	212	0.200	0.061	0.307	16.2	20.00
950	40.7903	116.4968	-210.0	325	QA2	0	0	0	0	61	60.1	2105	48	74	186	1.542	0.398	0.258	16.4	20.00
951	40.7903	116.4975	-210.9	317	QA2	0	0	1	0	56	59.8	2107	71	16	196	0.225	0.082	0.362	16.4	20.00
952	40.7903	116.4981	-211.8	317	QA2	0	0	1	0	62	59.8	2135	59	29	226	0.492	0.128	0.261	16.4	20.00
953	40.7904	116.4987	-212.5	313	QA2	0	0	1	0	71	59.6	2151	49	13	253	0.265	0.051	0.194	16.4	20.00
954	40.7904	116.4993	-212.4	304	QA2	0	0	0	0	65	59.3	2051	56	44	199	0.786	0.221	0.281	16.4	20.00
955	40.7904	116.4999	-212.9	296	QQA3	0	0	0	0	59	58.9	2048	52	32	210	0.615	0.152	0.248	16.5	20.00
956	40.7904	116.5006	-214.0	294	QQA3	0	0	1	0	69	58.9	2162	58	27	236	0.466	0.114	0.246	16.7	20.00
957	40.7904	116.5012	-213.9	298	QQA3	0	0	1	0	70	59.0	2165	66	22	213	0.333	0.103	0.310	16.9	20.00
958	40.7905	116.5018	-215.5	298	QQA3	0	0	0	0	62	55.1	2097	65	52	200	0.800	0.260	0.325	17.0	20.00
959	40.7905	116.5024	-217.7	295	QQA3	0	0	0	0	58	54.9	2120	43	48	224	1.116	0.214	0.192	17.0	20.00
960	40.7905	116.5030	-219.1	286	QQA3	0	0	0	0	65	54.6	2125	48	52	244	1.083	0.213	0.197	17.1	20.00
961	40.7905	116.5037	-221.0	280	QQA3	0	0	0	0	70	54.4	2197	65	37	222	0.569	0.167	0.293	17.2	20.00
962	40.7906	116.5043	-221.9	282	QQA3	0	0	1	0	68	54.4	2130	71	-28	240	-0.394	-0.117	0.296	17.3	20.00
963	40.7906	116.5049	-221.8	283	QQA3	0	0	0	0	65	54.4	2134	50	116	207	2.320	0.560	0.242	17.5	20.00
964	40.7906	116.5055	-224.9	283	QQA3	0	0	0	0	71	54.4	2095	63	87	152	1.381	0.572	0.414	17.6	20.00
965	40.7906	116.5061	-224.8	283	QQA3	0	0	0	0	63	54.4	2142	35	172	159	4.914	1.082	0.220	17.8	20.00
966	40.7907	116.5068	-225.1	284	QQA3	0	0	0	0	68	54.5	2087	62	88	164	1.419	0.537	0.378	17.8	20.00
967	40.7907	116.5074	-226.1	276	QQA3	0	0	0	0	59	54.2	2131	51	112	170	2.196	0.659	0.300	17.8	20.00
968	40.7907	116.5080	-226.5	272	QQA3	0	0	0	0	67	54.0	2083	54	38	185	0.704	0.205	0.292	17.8	20.00
969	40.7907	116.5086	-227.4	274	QQA3	0	0	0	0	61	54.1	2031	39	107	195	2.744	0.549	0.200	18.0	20.00
970	40.7907	116.5092	-226.7	278	QA2	0	0	0	0	67	54.3	1959	37	41	206	1.108	0.199	0.180	18.2	20.00
971	40.7908	116.5099	-227.1	281	QA2	0	0	0	0	66	54.4	1285	59	89	124	1.508	0.718	0.476	18.3	20.00
972	40.7908	116.5105	-227.0	272	QA2	0	0	0	0	62	54.0	1922	49	64	182	1.306	0.352	0.269	18.4	20.00
973	40.7908	116.5111	-226.9	265	QA2	0	0	0	0	69	53.8	2013	46	147	143	3.196	1.028	0.322	18.4	20.00
974	40.7908	116.5117	-227.4	260	QA2	0	0	0	0	68	53.6	2138	48	63	216	1.313	0.292	0.222	18.6	20.00
975	40.7909	116.5123	-229.0	259	QA2	0	0	0	0	65	53.5	2114	55	120	175	2.182	0.686	0.314	18.7	20.00
976	40.7909	116.5130	-227.6	260	QA2	0	0	0	0	61	53.5	2012	53	41	219	0.774	0.187	0.242	18.8	20.00
977	40.7909	116.5136	-228.8	257	QA2	0	0	0	0	72	48.8	2099	39	130	180	3.333	0.722	0.217	18.8	20.00
978	40.7909	116.5142	-229.0	250	QA2	0	0	0	0	70	48.6	2107	60	79	188	1.317	0.420	0.319	18.9	20.00
979	40.7910	116.5148	-230.4	248	QA2	0	0	0	0	67	48.5	2122	54	74	201	1.370	0.368	0.269	19.0	20.00
980	40.7910	116.5154	-230.5	250	QA2	0	0	0	0	62	48.6	2131	69	97	185	1.406	0.524	0.373	19.1	20.00
981	40.7910	116.5161	-231.3	259	QA2	0	0	0	0	63	48.9	2241	51	122	176	2.392	0.693	0.290	19.1	20.00
983	40.7910	116.5173	-231.0	296	QA2	0	0	0	0	62	50.3	2212	83	33	193	0.398	0.171	0.430	19.2	20.00
984	40.7911	116.5179	-231.0	314	QA2	0	0	0	0	64	50.9	2105	59	94	170	1.593	0.553	0.347	19.2	20.00
985	40.7911	116.5185	-231.0	321	QA2	0	0	0	0	68	51.1	2146	64	66	157	1.031	0.420	0.408	19.2	20.00
986	40.7911	116.5192	-230.6	333	QA2	0	0	0	0	63	51.5	2124	44	102	208	2.318	0.490	0.212	19.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
987	40.7911	116.5198	-230.3	354	QA2	0	0	0	0	73	52.2	2093	54	102	162	1.889	0.630	0.333	19.3	20.00
988	40.7912	116.5204	-230.2	372	QA2	0	0	0	0	63	52.8	2180	44	90	190	2.045	0.474	0.232	19.3	20.00
989	40.7912	116.5210	-230.8	382	QA2	0	0	1	0	67	53.2	2036	69	23	175	0.333	0.131	0.394	19.2	20.00
990	40.7912	116.5216	-230.1	384	QA2	0	0	0	0	67	53.2	2145	60	38	200	0.633	0.190	0.300	19.1	20.00
991	40.7912	116.5223	-231.0	391	QA2	0	0	0	0	61	53.4	2079	58	44	175	0.759	0.251	0.331	19.1	20.00
992	40.7912	116.5229	-231.3	392	QA2	0	0	0	0	67	53.5	2117	47	95	173	2.021	0.549	0.272	19.2	20.00
993	40.7913	116.5235	-231.0	390	QA2	0	0	0	0	56	53.4	2114	56	42	201	0.750	0.209	0.279	19.1	20.00
994	40.7913	116.5241	-231.6	393	QA2	0	0	0	0	65	53.5	2158	71	40	156	0.563	0.256	0.455	19.1	20.00
995	40.7913	116.5247	-231.2	400	QA2	0	0	0	0	59	53.7	2190	61	94	152	1.541	0.618	0.401	19.1	20.00
996	40.7913	116.5254	-232.3	402	QA2	0	0	0	0	67	53.8	2196	56	77	175	1.375	0.440	0.320	19.2	20.00
997	40.7914	116.5260	-232.9	401	QA2	0	0	0	0	62	42.5	2072	45	129	136	2.867	0.949	0.331	19.2	20.00
998	40.7914	116.5266	-232.4	413	QA2	0	0	0	0	61	42.8	2143	47	155	144	3.298	1.076	0.326	19.3	20.00
999	40.7914	116.5272	-233.2	424	QA2	0	0	0	0	62	43.0	2122	48	150	141	3.125	1.064	0.340	19.3	20.00
1000	40.7914	116.5278	-234.0	432	QA2	0	0	0	0	66	43.2	2143	46	67	191	1.457	0.351	0.241	19.4	20.00
1001	40.7915	116.5285	-233.4	433	QA2	0	0	0	0	63	43.2	2165	43	106	155	2.465	0.684	0.277	19.3	20.00
1002	40.7915	116.5291	-235.1	423	QA2	0	0	0	0	61	43.0	2143	43	157	137	3.651	1.146	0.314	19.1	20.00
1003	40.7915	116.5297	-234.4	430	QA2	0	0	0	0	63	43.2	2135	37	77	192	2.081	0.401	0.193	19.1	20.00
1004	40.7915	116.5303	-235.7	438	QA2	0	0	0	0	73	43.4	2130	48	140	129	2.917	1.085	0.372	19.1	20.00
1005	40.7915	116.5309	-235.1	444	QA2	0	0	1	0	60	43.5	2172	65	19	189	0.292	0.101	0.344	19.1	20.00
1006	40.7916	116.5316	-234.1	454	QA2	0	0	0	0	70	43.7	2182	42	105	185	2.500	0.568	0.227	19.2	20.00
1007	40.7916	116.5322	-233.2	455	QA2	0	0	1	0	69	43.8	2156	53	15	246	0.283	0.061	0.215	19.0	20.00
1008	40.7916	116.5328	-234.2	446	QA2	0	0	0	0	63	43.6	2211	62	52	210	0.839	0.248	0.295	18.8	20.00
1009	40.7916	116.5334	-233.1	441	QA2	0	0	1	0	68	43.4	2085	54	25	206	0.463	0.121	0.262	18.8	20.00
1010	40.7917	116.5340	-232.1	430	QA2	0	0	0	0	65	43.2	2190	50	84	170	1.680	0.494	0.294	18.7	20.00
1011	40.7917	116.5347	-232.2	430	QA2	0	0	0	0	68	43.2	2183	56	79	199	1.411	0.397	0.281	18.7	20.00
1012	40.7917	116.5353	-232.1	424	QA2	0	0	0	0	62	43.0	2224	50	78	197	1.560	0.396	0.254	18.7	20.00
1013	40.7917	116.5359	-230.8	424	QA2	0	0	0	0	59	43.0	2180	50	133	155	2.660	0.858	0.323	18.7	20.00
1014	40.7918	116.5365	-229.9	427	QA2	0	0	0	0	62	43.1	2157	42	64	194	1.524	0.330	0.216	18.7	20.00
1015	40.7918	116.5371	-229.7	429	QA2	0	0	0	0	60	43.2	2201	46	115	207	2.500	0.556	0.222	18.7	20.00
1016	40.7918	116.5378	-229.1	429	QA2	0	0	0	0	63	42.8	2226	48	70	205	1.458	0.341	0.234	18.7	20.00
1017	40.7918	116.5384	-229.1	417	QA2	0	0	0	0	68	42.5	2174	52	101	215	1.942	0.470	0.242	18.7	20.00
1018	40.7918	116.5390	-229.3	410	QA2	0	0	0	0	58	42.3	2176	56	60	225	1.071	0.267	0.249	18.6	20.00
1019	40.7919	116.5396	-227.9	405	QA2	0	0	0	0	58	42.2	2174	53	65	200	1.226	0.325	0.265	18.6	20.00
1020	40.7919	116.5402	-229.3	408	QA2	0	0	0	0	59	42.3	2145	50	94	172	1.880	0.547	0.291	18.5	20.00
1021	40.7919	116.5409	-229.9	414	QA2	0	0	0	0	59	42.4	2095	61	64	181	1.049	0.354	0.337	18.4	20.00
1022	40.7919	116.5415	-229.3	412	QA2	0	0	0	0	65	42.4	2019	61	34	198	0.557	0.172	0.308	18.2	20.00
1023	40.7920	116.5421	-231.9	407	QA2	0	0	0	0	65	42.2	2030	51	44	203	0.863	0.217	0.251	18.0	20.00
1025	40.7920	116.5433	-233.5	398	QA2	0	0	0	0	67	42.0	1973	48	51	178	1.063	0.287	0.270	17.9	20.00
1026	40.7920	116.5440	-233.5	387	QA2	0	0	0	0	62	41.7	2088	63	47	192	0.746	0.245	0.328	17.6	20.00
1027	40.7920	116.5446	-233.2	376	QA2	0	0	0	0	56	41.5	1953	43	112	145	2.605	0.772	0.297	17.4	20.00
1028	40.7921	116.5452	-234.9	367	QA2	0	0	0	0	57	41.2	1924	52	102	130	1.962	0.785	0.400	17.2	20.00
1029	40.7921	116.5458	-236.6	356	QA2	0	0	0	0	61	40.9	2012	55	116	148	2.109	0.784	0.372	17.0	20.00
1030	40.7921	116.5464	-236.3	355	QA2	0	0	0	0	59	40.9	1966	44	126	153	2.864	0.824	0.288	16.8	20.00
1031	40.7921	116.5471	-238.7	346	QA2	0	0	0	0	65	40.7	1891	34	111	149	3.265	0.745	0.228	16.6	20.00
1032	40.7922	116.5477	-242.0	328	QA2	0	0	0	0	64	40.2	1868	36	51	195	1.417	0.262	0.185	16.3	20.00
1033	40.7922	116.5483	-242.0	318	QA2	0	0	0	0	70	39.9	1849	29	88	157	3.034	0.561	0.185	16.2	20.00
1034	40.7922	116.5489	-242.9	313	QA2	0	0	1	0	70	39.8	1798	41	13	172	0.317	0.076	0.238	16.2	20.00
1035	40.7922	116.5495	-243.8	308	QA2	0	0	0	0	57	39.7	1826	46	75	152	1.630	0.493	0.303	16.1	20.00
1036	40.7923	116.5502	-244.5	305	QA2	0	0	0	0	69	47.3	1766	34	108	137	3.176	0.788	0.248	16.0	20.00
1037	40.7923	116.5508	-245.1	300	QA2	0	0	0	0	64	47.1	1730	52	44	125	0.846	0.352	0.416	15.9	20.00
1038	40.7923	116.5514	-246.5	299	QA2	0	0	0	0	65	47.1	1839	28	67	178	2.393	0.376	0.157	15.8	20.00
1039	40.7923	116.5520	-246.9	298	QA2	0	0	0	0	62	47.1	1830	39	86	168	2.205	0.512	0.232	15.8	20.00
1040	40.7923	116.5526	-247.8	297	QA2	0	0	0	0	53	47.0	1948	50	39	190	0.780	0.205	0.263	15.7	20.00
1041	40.7924	116.5533	-248.4	299	QA2	0	0	0	0	58	47.1	2031	50	74	190	1.480	0.389	0.263	15.6	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1042	40.7924	116.5539	-248.9	308	QA2	0	0	0	0	65	47.4	2056	58	59	205	1.017	0.288	0.283	15.6	20.00
1043	40.7924	116.5545	-250.9	324	QA2	0	0	0	0	65	47.9	2101	46	124	195	2.696	0.636	0.236	15.4	20.00
1044	40.7924	116.5551	-251.3	328	QA2	0	0	0	0	60	48.0	2011	56	114	137	2.036	0.832	0.409	15.3	20.00
1046	40.7925	116.5564	-254.2	342	QA2	0	0	0	0	66	48.5	1856	44	41	153	0.932	0.268	0.288	15.2	20.00
1047	40.7925	116.5570	-256.5	353	QA2	0	0	0	0	65	48.8	1789	36	56	158	1.556	0.354	0.228	15.1	20.00
1048	40.7925	116.5576	-258.0	365	QA2	0	0	0	0	60	49.2	1924	46	88	137	1.913	0.642	0.336	15.0	20.00
1049	40.7925	116.5582	-259.7	360	QA2	0	0	0	0	60	49.0	1971	45	121	151	2.689	0.801	0.298	14.8	20.00
1050	40.7926	116.5588	-263.1	354	QA2	0	0	0	0	64	48.8	1997	47	71	159	1.511	0.447	0.296	14.6	20.00
1051	40.7926	116.5594	-265.7	356	QA2	0	0	0	0	66	48.9	2028	58	39	186	0.672	0.210	0.312	14.5	20.00
1052	40.7926	116.5601	-269.1	358	QA2	0	0	0	0	64	49.0	1954	44	92	146	2.091	0.630	0.301	14.5	20.00
1053	40.7926	116.5607	-271.2	352	QA2	0	0	0	0	63	48.8	1953	35	134	152	3.829	0.882	0.230	14.4	20.00
1054	40.7927	116.5613	-271.3	357	QA2	0	0	1	0	59	49.0	2029	57	2	212	0.035	0.009	0.269	14.3	20.00
1055	40.7927	116.5619	-272.6	369	QA2	0	0	0	0	65	49.3	2048	38	58	188	1.526	0.309	0.202	14.2	20.00
1056	40.7927	116.5625	-273.3	386	QA2	0	0	1	0	50	60.8	2088	53	15	199	0.283	0.075	0.266	14.2	20.00
1057	40.7927	116.5632	-273.6	396	QA2	0	0	1	0	53	61.1	2125	72	22	191	0.306	0.115	0.377	14.4	20.00
1058	40.7928	116.5638	-272.1	392	QA2	0	0	0	0	66	61.0	2114	44	66	195	1.500	0.338	0.226	14.3	20.00
1059	40.7928	116.5644	-271.0	389	QA2	0	0	0	0	67	60.9	2177	50	68	208	1.360	0.327	0.240	14.1	20.00
1060	40.7928	116.5650	-269.3	392	QA2	0	0	0	0	58	61.0	2244	53	107	181	2.019	0.591	0.293	14.1	20.00
1061	40.7928	116.5656	-268.3	405	QA2	0	0	0	0	63	61.4	2284	62	57	192	0.919	0.297	0.323	14.1	20.00
1062	40.7928	116.5663	-264.8	399	QA2	0	0	0	0	65	61.3	2217	45	126	181	2.800	0.696	0.249	14.1	20.00
1063	40.7929	116.5669	-260.8	409	QA2	0	0	0	0	68	61.6	2256	58	98	153	1.690	0.641	0.379	14.0	20.00
1064	40.7929	116.5675	-257.6	415	QA2	0	0	0	0	64	61.8	2281	60	52	218	0.867	0.239	0.275	13.9	20.00
1065	40.7929	116.5681	-255.5	414	QA2	0	0	0	0	63	61.8	2284	80	83	177	1.037	0.469	0.452	13.7	20.00
1067	40.7930	116.5694	-250.3	410	QA2	0	0	0	0	60	61.6	2143	55	49	208	0.891	0.236	0.264	13.6	20.00
1068	40.7930	116.5700	-245.9	412	QA2	0	0	0	0	57	61.7	2207	65	31	225	0.477	0.138	0.289	13.4	20.00
1069	40.7930	116.5706	-244.8	408	QA2	0	0	0	0	63	61.6	2264	65	116	173	1.785	0.671	0.376	13.2	20.00
1070	40.7930	116.5712	-242.6	396	QA2	0	0	0	0	65	61.1	2245	48	86	189	1.792	0.455	0.254	13.2	20.00
1071	40.7931	116.5718	-240.[illegible]	39[illegible]	QA2	0	0	0	0	67	61.0	2184	52	75	181	1.442	0.414	0.287	13.2	20.00
1072	40.7931	116.5725	-239.[illegible]	389	QA2	0	0	0	0	68	60.9	2211	49	91	174	1.857	0.523	0.282	13.2	20.00
1073	40.7931	116.5731	-238.[illegible]	385	QA2	0	0	0	0	62	60.8	2311	68	85	177	1.250	0.480	0.384	13.1	20.00
1074	40.7931	116.5737	-236.4	382	QA2	0	0	0	0	66	60.6	2292	58	86	181	1.483	0.475	0.320	13.2	20.00
1075	40.7931	116.5743	-236.5	387	QA2	0	0	0	0	56	60.8	2267	58	56	205	0.966	0.273	0.283	13.1	20.00
1076	40.7932	116.5749	-236.2	387	QA2	0	0	0	0	69	60.1	2221	74	31	190	0.419	0.163	0.389	13.1	20.00
1077	40.7932	116.5756	-234.6	383	QA2	0	0	0	0	65	60.0	2321	56	61	223	1.089	0.274	0.251	13.2	20.00
1078	40.7932	116.5762	-231.5	379	QA2	0	0	0	0	68	59.8	2269	67	84	176	1.254	0.477	0.381	13.3	20.00
1079	40.7932	116.5768	-229.3	381	QA2	0	0	0	0	64	59.9	2295	61	97	185	1.590	0.524	0.330	13.5	20.00
1080	40.7933	116.5774	-226.7	383	QA2	0	0	0	0	67	60.0	2282	54	49	224	0.907	0.219	0.241	13.7	20.00
1081	40.7933	116.5780	-222.3	389	QA2	0	0	0	0	57	60.2	2262	61	99	167	1.623	0.593	0.365	13.7	20.00
1082	40.7933	116.5787	-219.9	392	QA2	0	0	0	0	58	60.3	2373	53	103	225	1.943	0.458	0.236	13.8	20.00
1083	40.7933	116.5793	-215.2	396	QA2	0	0	0	0	68	60.5	2304	61	56	214	0.918	0.262	0.285	13.9	20.00
1084	40.7933	116.5799	-210.1	402	QA2	0	0	0	0	65	60.7	2301	54	62	226	1.148	0.274	0.239	14.0	20.00
1085	40.7934	116.5805	-205.1	408	QA2	0	0	0	0	63	60.9	2263	55	99	222	1.800	0.446	0.248	14.1	20.00
1086	40.7934	116.5811	-200.2	412	QA2	0	0	0	0	61	61.0	2338	76	34	245	0.447	0.139	0.310	14.2	20.00
1087	40.7934	116.5818	-196.1	420	QA2	0	0	0	0	67	61.3	2278	49	99	198	2.020	0.500	0.247	14.2	20.00
1088	40.7934	116.5824	-188.7	421	QA2	0	0	0	0	70	61.3	2248	59	51	200	0.864	0.255	0.295	14.1	20.00
1089	40.7935	116.5830	-182.3	421	QA2	0	0	1	0	59	61.4	2406	68	29	222	0.426	0.131	0.306	14.1	20.00
1090	40.7935	116.5836	-174.6	426	QA2	0	0	1	0	61	61.5	2313	54	22	241	0.407	0.091	0.224	14.2	20.00
1091	40.7935	116.5842	-167.2	432	QA2	0	0	0	0	67	61.7	2390	54	133	177	2.463	0.751	0.305	14.2	20.00
1092	40.7935	116.5849	-163.3	440	QA2	0	0	0	0	61	62.0	2294	54	72	207	1.333	0.348	0.261	14.2	20.00
1093	40.7936	116.5855	-161.6	449	QA2	0	0	0	0	72	62.3	2299	39	111	206	2.846	0.539	0.189	14.2	20.00
1094	40.7936	116.5861	-161.9	457	QA2	0	0	0	0	61	62.6	2355	64	90	178	1.406	0.506	0.360	14.2	20.00
1095	40.7936	116.5867	-163.2	465	QA2	0	0	0	0	59	57.1	2311	36	102	230	2.833	0.443	0.157	14.2	20.00
1096	40.7936	116.5873	-164.5	470	QA2	0	0	0	0	62	57.2	2382	46	69	252	1.500	0.274	0.183	14.2	20.00
1097	40.7936	116.5880	-164.9	472	QA2	0	0	0	0	68	57.3	2246	61	83	175	1.361	0.474	0.349	14.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1098	40.7937	116.5886	-166.2	479	QA2	0	0	0	0	61	57.5	2243	72	73	167	1.014	0.437	0.431	14.2	20.00
1099	40.7937	116.5892	-167.0	485	QA2	0	0	0	0	62	57.7	2264	51	61	218	1.196	0.280	0.234	14.2	20.00
1100	40.7937	116.5898	-169.9	491	QA2	0	0	0	0	62	57.9	2337	66	67	186	1.015	0.360	0.355	14.1	20.00
1101	40.7937	116.5904	-170.5	495	QA2	0	0	0	0	63	58.0	2321	62	82	207	1.323	0.396	0.300	14.1	20.00
1102	40.7938	116.5911	-170.6	496	QA2	0	0	0	0	68	58.0	2153	55	107	146	1.945	0.733	0.377	14.0	20.00
1103	40.7938	116.5917	-174.2	500	QA2	0	0	0	0	70	58.1	2225	43	109	166	2.535	0.657	0.259	14.0	20.00
1104	40.7938	116.5923	-175.4	516	QA2	0	0	1	0	57	58.6	2222	78	28	194	0.359	0.144	0.402	13.9	20.00
1105	40.7938	116.5929	-177.9	499	QA2	0	0	1	0	58	58.1	2211	66	9	199	0.136	0.045	0.332	13.7	20.00
1106	40.7939	116.5935	-177.3	499	QA2	0	0	0	0	62	58.1	2282	66	61	185	0.924	0.330	0.357	13.8	20.00
1107	40.7939	116.5942	-174.6	537	QA2	0	0	0	0	75	59.2	2322	48	86	187	1.792	0.460	0.257	13.8	20.00
1108	40.7939	116.5948	-170.5	539	QA2	0	0	1	0	64	59.2	2409	59	15	249	0.254	0.060	0.237	13.7	20.00
1109	40.7939	116.5954	-166.2	496	QA1	0	0	0	0	69	58.0	2237	40	108	161	2.700	0.671	0.248	13.6	20.00
1110	40.7939	116.5960	-161.1	497	QA1	0	0	0	0	60	58.0	2433	68	46	223	0.676	0.206	0.305	13.5	20.00
1111	40.7940	116.5966	-158.5	495	QA1	0	0	0	0	62	58.0	2273	68	50	159	0.735	0.314	0.428	13.5	20.00
1112	40.7940	116.5973	-161.7	490	QA1	0	0	0	0	60	57.8	2364	57	62	210	1.088	0.295	0.271	13.5	20.00
1113	40.7940	116.5979	-169.3	484	QA1	0	0	0	0	66	57.7	2360	84	93	139	1.107	0.669	0.604	13.4	20.00
1114	40.7940	116.5985	-180.9	467	QA1	0	0	0	0	63	47.5	2217	60	109	157	1.817	0.694	0.382	13.3	20.00
1115	40.7941	116.5991	-194.4	446	QA1	0	0	0	0	67	46.9	2252	67	74	189	1.104	0.392	0.354	13.2	20.00
1116	40.7941	116.5997	-210.4	435	QA1	0	0	0	0	73	46.6	2256	63	83	201	1.317	0.413	0.313	13.2	20.00
1117	40.7941	116.6004	-226.9	424	QA1	0	0	0	0	72	46.4	2316	60	58	208	0.967	0.279	0.288	13.2	20.00
1118	40.7941	116.6010	-236.5	420	QA1	0	0	0	0	66	46.3	2301	58	83	201	1.431	0.413	0.289	13.2	20.00
1119	40.7941	116.6016	-236.9	425	QA1	0	0	0	0	60	46.4	2257	60	55	231	0.917	0.238	0.260	13.3	20.00
1120	40.7942	116.6022	-231.7	430	QA1	0	0	0	0	66	46.5	2320	58	102	197	1.759	0.518	0.294	13.2	20.00
1121	40.7942	116.6028	-226.1	423	QA1	0	0	0	0	63	46.3	2291	74	61	203	0.824	0.300	0.365	13.0	20.00
1122	40.7942	116.6035	-217.0	419	QA1	0	0	0	0	60	46.2	2320	66	51	226	0.773	0.226	0.292	12.9	20.00
1123	40.7942	116.6041	-204.6	421	QA1	0	0	0	0	63	46.3	2216	52	66	217	1.269	0.304	0.240	12.7	20.00
1124	40.7943	116.6047	-193.5	420	QA1	0	0	0	0	72	46.3	2320	54	110	185	2.037	0.595	0.292	12.7	20.00
1125	40.7943	116.6053	-186.4	423	QA1	0	0	0	0	63	46.3	2274	48	183	137	3.813	1.336	0.350	12.6	20.00
1126	40.7943	116.6059	-188.2	432	QA1	0	0	0	0	58	46.6	2273	67	65	206	0.970	0.316	0.325	12.5	20.00
1127	40.7943	116.6066	-191.0	440	QA1	0	0	0	0	67	46.8	2172	55	97	181	1.764	0.536	0.304	12.5	20.00
1128	40.7944	116.6072	-182.6	442	QA1	0	0	0	0	53	46.8	2131	73	50	151	0.685	0.331	0.483	12.3	20.00
1129	40.7944	116.6078	-162.0	440	QA1	0	0	0	0	67	46.8	2287	68	96	152	1.412	0.632	0.447	12.2	20.00
1130	40.7944	116.6084	-134.7	432	QA1	0	0	0	0	57	46.6	2212	77	35	206	0.455	0.170	0.374	12.0	20.00
1131	40.7944	116.6090	-97.6	435	QA1	0	0	0	0	70	46.7	2202	51	81	200	1.588	0.405	0.255	11.8	20.00
1132	40.7944	116.6097	-64.9	438	QA1	0	0	0	0	68	46.7	2254	60	71	192	1.183	0.370	0.313	11.8	20.00
1133	40.7945	116.6103	-74.5	442	QA1	0	0	0	0	66	48.4	2204	57	105	154	1.842	0.682	0.370	11.6	20.00
1134	40.7945	116.6109	-97.4	439	QA1	0	0	1	0	61	48.3	2282	84	-12	211	-0.143	-0.057	0.398	11.4	20.00
1135	40.7945	116.6115	-116.5	443	QA1	0	0	0	0	68	48.4	2224	46	157	151	3.413	1.040	0.305	11.3	20.00
1136	40.7945	116.6121	-141.6	448	QA1	0	0	0	0	65	48.6	2167	51	57	211	1.118	0.270	0.242	11.2	20.00
1137	40.7946	116.6128	-175.4	458	QA1	0	0	0	0	55	48.8	2121	41	98	154	2.390	0.636	0.266	11.0	20.00
1138	40.7946	116.6134	-201.0	464	QA1	0	0	0	0	75	49.0	2111	33	116	175	3.515	0.663	0.189	10.9	20.00
1139	40.7946	116.6140	-198.8	468	QA1	0	0	0	0	62	49.1	2149	61	87	171	1.426	0.509	0.357	10.9	20.00
1140	40.7946	116.6146	-170.0	456	QA1	0	0	0	0	66	48.8	2195	64	69	183	1.078	0.377	0.350	10.7	20.00
1141	40.7947	116.6152	-125.6	437	QA1	0	0	0	0	71	48.3	2135	65	56	186	0.862	0.301	0.349	10.5	20.00
1142	40.7947	116.6159	-77.2	432	QA1	0	0	0	0	67	48.1	2099	50	137	150	2.740	0.913	0.333	10.4	20.00
1143	40.7947	116.6165	-39.0	441	QA1	0	0	0	0	67	48.4	2268	52	48	241	0.923	0.199	0.216	10.3	20.00
1144	40.7947	116.6171	-19.3	452	QA1	0	0	0	0	65	48.7	2283	53	152	175	2.868	0.869	0.303	10.3	20.00
1145	40.7947	116.6177	-18.8	448	QA1	0	0	0	0	71	48.6	2100	37	87	170	2.351	0.512	0.218	10.2	20.00
1146	40.7948	116.6183	-23.9	447	QA1	0	0	0	0	64	48.5	2177	68	50	159	0.735	0.314	0.428	10.1	20.00
1147	40.7948	116.6190	-27.0	453	QA1	0	0	0	0	63	48.7	2045	63	29	181	0.460	0.160	0.348	10.0	20.00
1148	40.7948	116.6196	-27.5	465	QA1	0	0	1	0	65	49.0	2091	68	2	203	0.029	0.010	0.335	9.8	20.00
1149	40.7948	116.6202	-36.6	470	QA1	0	0	0	0	65	49.1	2142	54	72	167	1.333	0.431	0.323	9.7	20.00
1150	40.7949	116.6208	-65.4	479	QF	0	0	0	0	66	49.4	2056	50	37	202	0.740	0.183	0.248	9.7	20.00
1151	40.7948	116.6214	-107.4	489	QF	0	0	0	0	64	49.6	2064	56	52	181	0.929	0.287	0.309	9.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1152	40.7948	116.6219	-144.5	490	QF	0	0	0	0	71	47.2	2048	47	137	115	2.915	1.191	0.409	9.7	20.00
1153	40.7948	116.6225	-172.9	493	QF	0	0	0	0	73	47.3	2164	70	48	181	0.686	0.265	0.387	9.6	20.00
1154	40.7948	116.6231	-186.3	493	QF	0	0	0	0	74	47.3	2207	49	88	169	1.796	0.521	0.290	9.5	20.00
1155	40.7948	116.6236	-194.4	491	QF	0	0	0	0	69	47.2	2225	43	88	228	2.047	0.386	0.189	9.5	20.00
1156	40.7948	116.6242	-206.0	493	QF	0	0	0	0	71	47.3	2222	45	84	215	1.867	0.391	0.209	9.4	20.00
1157	40.7948	116.6248	-219.9	494	QF	0	0	0	0	58	47.3	2273	45	149	175	3.311	0.851	0.257	9.3	20.00
1158	40.7948	116.6253	-231.0	495	QF	0	0	1	0	78	47.4	2250	57	25	238	0.439	0.105	0.239	9.2	20.00
1159	40.7948	116.6259	-237.3	498	QF	0	0	0	0	64	47.4	2215	56	94	171	1.679	0.550	0.327	9.1	20.00
1160	40.7948	116.6265	-237.7	499	QF	0	0	0	0	69	47.4	2214	49	85	176	1.735	0.483	0.278	9.0	20.00
1161	40.7948	116.6270	-230.8	504	QF	0	0	0	0	66	47.6	2392	56	70	235	1.250	0.298	0.238	8.9	20.00
1162	40.7947	116.6276	-218.7	499	QF	0	0	0	0	72	47.4	2368	40	97	242	2.425	0.401	0.165	8.8	20.00
1163	40.7947	116.6281	-204.5	500	QF	0	0	0	0	71	47.5	2466	63	125	202	1.984	0.619	0.312	8.8	20.00
1164	40.7947	116.6287	-184.2	500	QF	0	0	0	0	60	47.5	2597	70	57	293	0.814	0.195	0.239	8.7	20.00
1165	40.7947	116.6293	-162.0	501	QF	0	0	0	0	70	47.5	2699	73	113	194	1.548	0.582	0.376	8.5	20.00
1166	40.7947	116.6298	-141.1	512	QF	0	0	0	0	79	47.8	2704	65	83	279	1.277	0.297	0.233	8.4	20.00
1167	40.7947	116.6304	-121.3	525	QF	0	0	0	0	67	48.1	2855	66	113	275	1.712	0.411	0.240	8.3	20.00
1168	40.7947	116.6310	-104.4	531	QF	0	0	0	0	69	48.2	2773	75	42	305	0.560	0.138	0.246	8.1	20.00
1169	40.7947	116.6315	-88.6	549	QF	0	0	0	0	68	48.6	2897	70	106	290	1.514	0.366	0.241	8.0	20.00
1170	40.7947	116.6321	-78.0	518	QF	0	0	0	0	60	47.9	2838	61	125	266	2.049	0.470	0.229	7.8	20.00
1171	40.7947	116.6327	-76.3	497	QF	0	0	0	0	78	40.9	2692	60	194	215	3.233	0.902	0.279	7.7	20.00
1172	40.7946	116.6332	-84.2	497	QF	0	0	0	0	60	40.9	2684	80	123	213	1.537	0.577	0.376	7.6	20.00
1173	40.7946	116.6338	-94.2	485	QF	0	0	0	0	68	40.7	2649	73	180	169	2.466	1.065	0.432	7.5	20.00
1174	40.7946	116.6343	-101.7	460	QF	0	0	0	0	60	40.2	2572	68	182	201	2.676	0.905	0.338	7.4	20.00
1176	40.7946	116.6355	-103.3	457	QF	0	0	0	0	73	40.1	2505	68	102	231	1.500	0.442	0.294	7.3	20.00
1177	40.7946	116.6360	-101.9	457	QF	0	0	0	0	82	40.1	2540	71	166	182	2.338	0.912	0.390	7.2	20.00
1178	40.7946	116.6366	-101.5	462	QF	0	0	0	0	60	40.2	2544	58	145	199	2.500	0.729	0.291	7.1	20.00
1179	40.7946	116.6372	-106.9	458	QF	0	0	0	0	72	40.1	2593	60	129	259	2.150	0.498	0.232	7.0	20.00
1180	40.7946	116.6377	-113.8	448	TBA	0	0	0	0	69	39.9	2599	54	128	215	2.370	0.595	0.251	6.9	20.00
1181	40.7946	116.6383	-126.0	443	TBA	0	0	0	0	75	39.8	2663	61	147	230	2.410	0.639	0.265	6.7	20.00
1182	40.7945	116.6389	-135.1	444	TBA	0	0	0	0	67	39.8	2527	64	157	210	2.453	0.748	0.305	6.6	20.00
1183	40.7945	116.6394	-141.5	445	TBA	0	0	0	0	79	39.8	2465	58	93	228	1.603	0.408	0.254	6.6	20.00
1184	40.7945	116.6400	-142.4	444	TBA	0	0	0	0	74	39.8	2426	58	32	259	0.552	0.124	0.224	6.5	20.00
1185	40.7945	116.6406	-141.0	441	TBA	0	0	0	0	79	39.7	2411	54	86	232	1.593	0.371	0.233	6.6	20.00
1186	40.7945	116.6411	-140.2	431	TBA	0	0	1	0	82	39.5	2393	67	7	273	0.104	0.026	0.245	6.5	20.00
1187	40.7945	116.6417	-136.2	420	TBA	0	0	0	0	77	39.3	2321	57	57	252	1.000	0.226	0.226	6.5	20.00
1188	40.7945	116.6422	-130.4	405	TBA	0	0	0	0	73	38.9	2338	48	139	179	2.896	0.777	0.268	6.6	20.00
1189	40.7945	116.6428	-124.1	396	TBA	0	0	0	0	82	38.7	2119	50	105	155	2.100	0.677	0.323	6.6	20.00
1190	40.7945	116.6434	-122.8	385	TBA	0	0	0	0	75	38.5	1941	47	92	129	1.957	0.713	0.364	6.5	20.00
1191	40.7945	116.6439	-125.3	373	TBA	0	0	0	0	71	29.0	1717	33	67	142	2.030	0.472	0.232	6.5	20.00
1192	40.7944	116.6445	-121.6	353	TBA	0	0	0	0	72	28.6	1581	37	96	98	2.595	0.980	0.378	6.5	20.00
1193	40.7944	116.6451	-121.4	332	TBA	0	0	0	0	75	28.2	1493	39	47	108	1.205	0.435	0.361	6.7	20.00
1194	40.7944	116.6456	-134.1	320	TBA	0	0	0	0	66	28.0	1485	33	39	129	1.182	0.302	0.256	6.8	20.00
1195	40.7944	116.6462	-160.2	321	TBA	0	0	0	0	76	28.0	1328	17	57	102	3.353	0.559	0.167	6.8	20.00
1196	40.7944	116.6468	-185.9	342	TBA	0	0	1	0	83	28.4	1292	23	1	105	0.043	0.010	0.219	6.7	20.00
1197	40.7944	116.6473	-201.3	367	TBA	0	0	0	0	74	28.9	1330	36	30	72	0.833	0.417	0.500	6.7	20.00
1198	40.7944	116.6479	-204.9	404	TBA	0	0	1	0	78	29.5	1341	18	18	118	1.000	0.153	0.153	6.7	20.00
1199	40.7944	116.6484	-196.2	439	TBA	0	0	0	0	74	30.1	1436	34	62	90	1.824	0.639	0.378	6.7	20.00
1200	40.7944	116.6490	-187.1	466	TBA	0	0	0	0	80	30.6	1516	39	40	83	1.026	0.482	0.470	6.7	20.00
1201	40.7944	116.6496	-176.8	488	TBA	0	0	0	0	70	30.9	1624	21	66	127	3.143	0.520	0.165	6.8	20.00
1202	40.7943	116.6501	-173.9	496	TBA	0	0	0	0	78	31.0	1669	45	53	103	1.178	0.515	0.437	6.8	20.00
1203	40.7943	116.6507	-183.2	504	TBA	0	0	0	0	71	31.2	1809	28	102	139	3.643	0.734	0.201	6.8	20.00
1204	40.7943	116.6513	-204.8	507	TBA	0	0	1	0	92	31.2	1823	33	18	149	0.545	0.121	0.221	6.8	20.00
1205	40.7943	116.6518	-231.0	497	TBA	0	0	0	0	63	31.1	1846	40	90	105	2.250	0.857	0.381	6.7	20.00
1206	40.7943	116.6524	-260.2	487	TBA	0	0	0	0	78	30.9	1882	48	44	150	0.917	0.293	0.320	6.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1207	40.7943	116.6530	-285.3	460	TBA	0	0	0	0	78	30.5	1723	36	68	109	1.889	0.624	0.330	6.9	20.00
1208	40.7943	116.6535	-295.8	413	TB1	0	0	1	0	77	29.7	1591	38	11	133	0.289	0.083	0.286	6.9	20.00
1209	40.7943	116.6541	-290.6	367	TB1	0	0	0	0	77	28.9	1496	28	79	96	2.821	0.823	0.292	6.9	20.00
1210	40.7943	116.6547	-276.7	338	TB1	0	0	0	0	79	30.1	1388	28	59	91	2.107	0.648	0.308	7.0	20.00
1211	40.7943	116.6552	-262.9	320	TB1	0	0	0	0	92	29.7	138	26	28	104	1.077	0.269	0.250	7.1	20.00
1212	40.7943	116.6558	-259.6	316	TB1	0	0	0	0	72	29.7	1415	27	54	127	2.000	0.425	0.213	7.1	20.00
1213	40.7942	116.6563	-249.7	322	TB1	0	0	1	0	72	29.8	1515	32	16	144	0.500	0.111	0.222	7.0	20.00
1214	40.7942	116.6569	-233.4	339	TB1	0	0	0	0	79	30.1	1510	32	45	120	1.406	0.375	0.267	7.2	20.00
1215	40.7942	116 6575	-222.9	355	TB1	0	0	0	0	80	30.4	1538	30	55	128	1.833	0.430	0.234	7.3	20.00
1216	40.7942	116.6580	-224.4	367	TB1	0	0	0	0	75	30.7	1574	36	40	94	1.111	0.426	0.383	7.4	20.00
1217	40.7942	116.6586	-237.2	353	TB1	0	0	1	0	78	30.4	1546	32	10	135	0.313	0.074	0.237	7.5	20.00
1218	40.7942	116.6592	-254.3	346	TB1	0	0	0	0	78	30.3	1571	23	104	120	4.522	0.867	0.192	7.6	20.00
1219	40.7942	116.6597	-269.8	363	TB1	0	0	0	0	78	30.6	1616	32	36	116	1.125	0.310	0.276	7.6	20.00
1220	40.7942	116.6603	-274.8	378	TB1	0	0	0	0	78	30.9	1709	39	45	152	1.154	0.296	0.257	7.7	20.00
1221	40.7942	116.6609	-270.1	387	TB1	0	0	0	0	81	31.0	1829	34	32	180	0.941	0.178	0.189	7.9	20.00
1222	40.7942	116.6614	-252.2	390	TB1	0	0	0	0	77	31.1	1698	38	91	139	2.395	0.655	0.273	8.0	20.00
1223	40.7941	116.6620	-227.4	386	TB1	0	0	0	0	77	31.0	1852	32	40	176	1.250	0.227	0.182	8.0	20.00
1224	40.7941	116.6625	-202.0	387	TB1	0	0	0	0	65	31.0	1858	49	94	117	1.918	0.803	0.419	8.0	20.00
1225	40.7941	116.6631	-175.1	389	TB1	0	0	0	0	78	31.1	1970	59	39	172	0.661	0.227	0.343	8.1	20.00
1226	40.7941	116.6637	-154.7	390	TB1	0	0	0	0	77	31.1	2016	52	88	148	1.692	0.595	0.351	8.2	20.00
1227	40.7941	116.6642	-154.3	393	TB1	0	0	0	0	76	31.1	2001	63	74	148	1.175	0.500	0.426	8.3	20.00
1228	40.7941	116.6648	-167.2	386	TB1	0	0	0	0	81	31.0	1959	48	66	134	1.375	0.493	0.358	8.4	20.00
1230	40.7941	116.6659	-185.0	380	TB1	0	0	0	0	85	32.5	1999	37	140	125	3.784	1.120	0.296	8.4	20.00
1231	40.7941	116.6665	-195.7	375	TB1	0	0	0	0	70	32.4	1922	55	93	160	1.691	0.581	0.344	8.6	20.00
1232	40.7941	116.6671	-210.9	367	TB1	0	0	0	0	78	32.2	1940	54	33	161	0.611	0.205	0.335	8.6	20.00
1234	40.7940	116.6682	-228.0	351	TB1	0	0	0	0	82	31.9	1771	42	134	61	3.190	2.197	0.689	8.6	20.00
1235	40.7940	116.6687	-194.9	345	TB1	0	0	0	0	84	31.8	1802	49	58	142	1.184	0.408	0.345	8.7	20.00
1236	40.7940	116.6693	-181.3	346	TB1	0	0	0	0	83	31.8	1854	39	49	174	1.256	0.282	0.224	8.7	20.00
1237	40.7940	116.6699	-154.3	334	TB1	0	0	0	0	73	31.5	1900	34	133	112	3.912	1.188	0.304	8.7	20.00
1238	40.7940	116.6704	-123.6	313	TB1	0	0	0	0	75	31.1	1865	53	50	152	0.943	0.329	0.349	8.7	20.00
1239	40.7940	116.6710	-127.8	301	TB1	0	0	0	0	71	30.8	1919	51	76	160	1.490	0.475	0.319	8.7	20.00
1240	40.7940	116.6716	-140.2	300	TB1	0	0	0	0	76	30.8	1826	56	114	112	2.036	1.018	0.500	8.8	20.00
1241	40.7940	116.6721	-120.5	307	TB1	0	0	0	0	81	31.0	1792	34	98	133	2.882	0.737	0.256	8.9	20.00
1242	40.7940	116.6727	-91.8	315	TB1	0	0	0	0	79	31.1	1817	45	74	130	1.644	0.569	0.346	8.8	20.00
1243	40.7939	116.6733	-75.3	328	TB1	0	0	0	0	80	31.4	1753	48	33	159	0.688	0.208	0.302	8.9	20.00
1244	40.7939	116.6738	-75.5	349	TB1	0	0	0	0	72	31.9	1781	36	93	140	2.583	0.664	0.257	8.9	20.00
1245	40.7939	116.6744	-95.5	367	TB1	0	0	0	0	76	32.2	1798	42	83	133	1.976	0.624	0.316	8.8	20.00
1246	40.7939	116.6750	-134.0	374	TB1	0	0	0	0	80	32.3	1840	35	70	179	2.000	0.391	0.196	8.6	20.00
1247	40.7939	116.6755	-149.9	372	TB1	0	0	0	0	70	32.3	1951	32	182	137	5.688	1.328	0.234	8.5	20.00
1248	40.7939	116.6761	-104.5	378	TB1	0	0	0	0	75	32.4	1942	37	111	140	3.265	0.793	0.243	8.5	20.00
1249	40.7939	116.6766	-31.8	381	TB1	0	0	0	0	85	32.5	1932	41	102	125	2.488	0.816	0.328	8.6	20.00
1250	40.7939	116.6772	44.3	386	TB1	0	0	0	0	71	40.6	1885	51	76	132	1.490	0.576	0.386	8.6	20.00
1251	40.7939	116.6778	133.7	382	TB1	0	0	0	0	87	40.5	1949	46	72	159	1.565	0.453	0.289	8.6	20.00
1252	40.7939	116.6783	222.5	381	TB1	0	0	0	0	77	40.5	1922	53	57	148	1.075	0.385	0.358	8.7	20.00
1253	40.7939	116.6789	287.5	389	TB1	0	0	0	0	80	40.7	1892	49	58	159	1.184	0.365	0.308	8.8	20.00
1254	40.7938	116.6795	310.4	396	TB1	0	0	0	0	82	40.9	1818	46	53	126	1.152	0.421	0.365	8.8	20.00
1255	40.7938	116.6800	274.8	401	TB1	0	0	0	0	74	41.0	1756	51	58	108	1.137	0.537	0.472	8.6	20.00
1256	40.7938	116.6806	171.6	418	TB1	0	0	0	0	81	41.4	1761	27	118	110	4.370	1.073	0.245	8.6	20.00
1257	40.7938	116.6812	49.9	441	TRF2	0	0	0	0	70	42.0	1774	28	85	122	3.036	0.697	0.230	8.7	20.00
1258	40.7938	116.6817	-41.0	468	TRF2	0	0	0	0	77	42.5	1888	47	82	105	1.745	0.781	0.448	8.7	20.00
1259	40.7938	116.6823	-112.0	477	TRF2	0	0	0	0	74	42.8	1893	41	110	112	2.683	0.982	0.366	8.7	20.00
1260	40.7938	116.6828	-182.5	489	TRF2	0	0	0	0	77	43.0	1885	39	51	182	1.308	0.280	0.214	8.6	20.00
1261	40.7938	116.6834	-229.6	496	TRF2	0	0	0	0	81	43.2	1840	43	87	97	2.023	0.897	0.443	8.7	20.00
1262	40.7938	116.6840	-238.7	500	TRF2	0	0	0	0	77	43.3	1995	72	60	112	0.833	0.536	0.643	8.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1263	40.7938	116.6845	-213.4	495	TRF2	0	0	0	0	71	43.2	1879	38	118	100	3.105	1.180	0.380	8.5	20.00
1264	40.7937	116.6851	-177.7	492	TRF2	0	0	1	0	69	43.1	2016	62	5	162	0.081	0.031	0.383	8.5	20.00
1265	40.7937	116.6857	-140.1	496	TRF2	0	0	0	0	79	43.2	1959	42	27	187	0.643	0.144	0.225	8.5	20.00
1266	40.7937	116.6862	-111.2	498	TRF2	0	0	0	0	95	43.2	2001	43	76	157	1.767	0.484	0.274	8.5	20.00
1267	40.7937	116.6868	-97.3	497	TRF2	0	0	1	0	77	43.2	1909	49	14	196	0.286	0.071	0.250	8.4	20.00
1268	40.7937	116.6874	-99.0	488	TRF2	0	0	0	0	68	43.0	1962	51	46	160	0.902	0.288	0.319	8.3	20.00
1269	40.7937	116.6879	-108.7	486	TRF2	0	0	1	0	86	36.2	1811	48	26	138	0.542	0.188	0.348	8.2	20.00
1270	40.7937	116.6885	-125.5	495	TRF2	0	0	0	0	72	36.4	1792	49	80	115	1.633	0.696	0.426	8.2	20.00
1271	40.7937	116.6890	-134.5	507	TRF2	0	0	0	0	80	36.6	1771	36	93	105	2.583	0.886	0.343	8.2	20.00
1272	40.7937	116.6896	-136.5	552	TRF2	0	0	0	0	74	37.4	1915	33	107	147	3.242	0.728	0.224	8.3	20.00
1273	40.7937	116.6902	-138.5	560	TRF2	0	0	0	0	70	37.6	1879	36	123	96	3.417	1.281	0.375	8.2	20.00
1274	40.7936	116.6907	-143.0	544	TRF2	0	0	0	0	74	37.3	1821	50	50	111	1.000	0.450	0.450	8.2	20.00
1275	40.7936	116.6913	-144.9	543	TRF2	0	0	0	0	82	37.3	1942	40	94	105	2.350	0.895	0.381	8.2	20.00
1276	40.7936	116.6919	-152.6	533	TRF2	0	0	0	0	70	37.1	1715	51	48	79	0.941	0.608	0.646	8.2	20.00
1277	40.7936	116.6924	-165.2	544	TRF2	0	0	0	0	75	37.3	1857	41	91	96	2.220	0.948	0.427	8.2	20.00
1278	40.7936	116.6930	-180.5	577	TRF2	0	0	0	0	67	37.8	1963	48	80	136	1.667	0.588	0.353	8.2	20.00
1279	40.7936	116.6936	-195.8	591	TRF2	0	0	0	0	80	38.1	1979	42	79	104	1.881	0.760	0.404	8.1	20.00
1280	40.7936	116.6941	-202.1	569	TRF2	0	0	0	0	87	37.7	1908	42	28	158	0.667	0.177	0.266	8.1	20.00
1281	40.7936	116.6947	-203.7	600	TRF2	0	0	1	0	71	38.2	2014	58	27	172	0.466	0.157	0.337	8.1	20.00
1282	40.7936	116.6953	-198.8	601	TRF2	0	0	1	0	74	38.2	1859	40	10	156	0.250	0.064	0.256	8.1	20.00
1283	40.7936	116.6958	-191.4	600	TRF2	0	0	0	0	84	38.2	1885	41	61	138	1.488	0.442	0.297	8.0	20.00
1284	40.7935	116.6964	-178.2	611	TRF2	0	0	0	0	71	38.4	1939	38	68	122	1.789	0.557	0.311	8.0	20.00
1285	40.7935	116.6969	-164.9	608	TRF2	0	0	0	0	79	38.3	2000	45	63	162	1.400	0.389	0.278	8.0	20.00
1286	40.7935	116.6975	-148.7	609	TRF2	0	0	0	0	79	38.4	2117	53	128	119	2.415	1.076	0.445	8.0	20.00
1288	40.7935	116.6986	-127.0	612	TRF2	0	0	0	0	74	38.4	2028	40	108	138	2.700	0.783	0.290	8.0	20.00
1289	40.7935	116.6992	-126.7	598	TRF2	0	0	0	0	77	48.9	2062	57	32	147	0.561	0.218	0.388	7.9	20.00
1290	40.7935	116.6998	-132.8	604	TRF2	0	0	0	0	79	49.0	1956	55	54	105	0.982	0.514	0.524	7.9	20.00
1291	40.7935	116.7003	-143.2	599	TRF2	0	0	0	0	81	48.9	2005	37	127	134	3.432	0.948	0.276	7.9	20.00
1292	40.7935	116.7009	-153.8	562	TRF2	0	0	0	0	74	48.1	1954	44	43	143	0.977	0.301	0.308	7.7	20.00
1293	40.7935	116.7015	-159.3	551	TRF2	0	0	1	0	82	47.8	1940	58	-11	173	-0.190	-0.064	0.335	7.6	20.00
1294	40.7934	116.7020	-159.3	541	TRF2	0	0	0	0	79	47.6	1929	59	42	135	0.712	0.311	0.437	7.5	20.00
1295	40.7934	116.7026	-156.3	522	TRF2	0	0	0	0	72	47.2	1904	50	58	122	1.160	0.475	0.410	7.4	20.00
1296	40.7934	116.7031	-157.2	514	TRF2	0	0	0	0	79	47.0	1874	35	102	84	2.914	1.214	0.417	7.3	20.00
1297	40.7934	116.7037	-158.7	499	TRF2	0	0	0	0	72	46.7	1910	29	74	157	2.552	0.471	0.185	7.2	20.00
1298	40.7934	116.7043	-157.1	499	TRF2	0	0	0	0	80	46.7	1856	35	48	142	1.371	0.338	0.246	7.2	20.00
1299	40.7934	116.7048	-149.5	500	TRF2	0	0	0	0	74	46.7	1884	45	85	126	1.889	0.675	0.357	7.1	20.00
1300	40.7934	116.7054	-136.4	500	TRF2	0	0	0	0	72	46.7	1832	31	71	161	2.290	0.441	0.193	7.1	20.00
1301	40.7934	116.7060	-121.8	517	TRF2	0	0	0	0	78	47.1	1918	38	101	113	2.658	0.894	0.336	7.1	20.00
1302	40.7934	116.7065	-106.3	537	TRF2	0	0	0	0	75	47.5	1975	31	58	183	1.871	0.317	0.169	7.0	20.00
1303	40.7934	116.7071	-103.3	550	TRF2	0	0	1	0	80	47.8	2019	35	27	185	0.771	0.146	0.189	7.0	20.00
1304	40.7934	116.7077	-108.6	527	TRF2	0	0	1	0	71	47.3	2089	64	22	156	0.344	0.141	0.410	6.8	20.00
1305	40.7933	116.7082	-116.8	514	TRF2	0	0	0	0	75	47.0	2006	62	47	145	0.758	0.324	0.428	6.7	20.00
1306	40.7933	116.7088	-125.0	505	TRF2	0	0	0	0	73	46.8	1946	54	67	132	1.241	0.508	0.409	6.6	20.00
1307	40.7933	116.7093	-127.5	522	TRF2	0	0	0	0	69	47.2	2034	35	74	148	2.114	0.500	0.236	6.5	20.00
1308	40.7933	116.7099	-121.4	516	TRF2	0	0	0	0	72	54.9	2019	30	88	139	2.933	0.633	0.216	6.5	20.00
1309	40.7933	116.7105	-115.4	535	TRF2	0	0	0	0	77	55.4	2038	57	58	114	0.983	0.509	0.518	6.4	20.00
1310	40.7933	116.7110	-108.2	518	TRF2	0	0	0	0	74	55.0	2174	50	56	180	1.120	0.311	0.278	6.3	20.00
1311	40.7933	116.7116	-99.4	500	TB1	0	0	0	0	68	54.5	2177	25	52	164	0.800	0.317	0.396	6.2	20.00
1313	40.7933	116.7127	-100.2	497	TB1	0	0	0	0	72	54.4	2279	51	71	182	1.392	0.390	0.280	6.1	20.00
1314	40.7933	116.7133	-111.1	496	TB1	0	0	0	0	70	54.4	2471	62	93	194	1.500	0.479	0.320	5.9	20.00
1315	40.7932	116.7139	-127.7	497	TB1	0	0	0	0	74	54.4	2443	62	155	131	2.500	1.183	0.473	5.8	20.00
1316	40.7932	116.7144	-151.1	494	TB1	0	0	0	0	75	54.3	2470	60	103	189	1.717	0.545	0.317	5.7	20.00
1317	40.7932	116.7150	-167.5	491	TB1	0	0	0	0	81	54.3	2484	48	91	232	1.896	0.392	0.207	5.7	20.00
1318	40.7932	116.7156	-174.9	484	TB1	0	0	0	0	65	54.1	2440	67	72	210	1.075	0.343	0.319	5.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1319	40.7932	116.7161	-160.3	455	TB1	0	0	0	0	73	53.2	2370	54	150	129	2.778	1.163	0.419	5.6	20.00
1320	40.7932	116.7167	-134.6	429	TB1	0	0	0	0	72	52.5	2443	61	114	186	1.869	0.613	0.328	5.6	20.00
1321	40.7932	116.7172	-108.6	412	TB1	0	0	0	0	73	52.0	2317	58	120	147	2.069	0.816	0.395	5.5	20.00
1322	40.7932	116.7178	-93.8	413	TB1	0	0	0	0	70	52.0	2348	45	119	234	2.644	0.509	0.192	5.5	20.00
1323	40.7932	116.7184	-86.3	424	TB1	0	0	0	0	76	52.3	2411	58	121	177	2.086	0.684	0.328	5.5	20.00
1324	40.7932	116.7189	-82.6	407	TB1	0	0	0	0	65	51.8	2395	77	129	160	1.675	0.806	0.481	5.4	20.00
1325	40.7931	116.7195	-76.7	403	TB1	0	0	0	0	72	51.7	2236	62	53	178	0.855	0.298	0.348	5.2	20.00
1326	40.7931	116.7201	-69.3	411	TB1	0	0	0	0	76	52.0	2284	53	88	195	1.660	0.451	0.272	5.2	20.00
1327	40.7931	116.7206	-61.9	417	TB1	0	0	0	0	78	52.1	2382	71	58	185	0.817	0.314	0.384	5.1	20.00
1328	40.7931	116.7212	-56.9	428	TB1	0	0	0	0	67	65.9	2364	62	69	198	1.113	0.348	0.313	5.0	20.00
1329	40.7931	116.7218	-59.4	446	TB1	0	0	0	0	79	66.6	2544	65	70	257	1.077	0.272	0.253	4.9	20.00
1330	40.7931	116.7223	-72.1	455	TB1	0	0	0	0	74	66.9	2478	66	77	208	1.167	0.370	0.317	4.8	20.00
1331	40.7931	116.7229	-96.9	442	TB1	0	0	0	0	74	66.4	2606	60	99	219	1.650	0.452	0.274	4.8	20.00
1332	40.7931	116.7234	-131.7	412	TB1	0	0	0	0	73	65.3	2586	77	97	217	1.260	0.447	0.355	4.8	20.00
1333	40.7931	116.7240	-168.8	392	TB1	0	0	0	0	68	64.5	2657	72	132	198	1.833	0.667	0.364	4.9	20.00
1334	40.7931	116.7246	-197.0	377	TB1	0	0	0	0	82	64.0	2622	78	128	209	1.641	0.612	0.373	5.0	20.00
1335	40.7930	116.7251	-207.6	357	TB1	0	0	0	0	73	63.1	2682	94	163	154	1.734	1.058	0.610	5.0	20.00
1336	40.7930	116.7257	-199.1	342	TB1	0	0	0	0	63	62.6	2595	81	127	214	1.568	0.593	0.379	5.0	20.00
1337	40.7930	116.7263	-182.5	334	TB1	0	0	0	0	72	62.2	2604	76	78	254	1.026	0.307	0.299	5.0	20.00
1338	40.7930	116.7268	-165.7	329	TB1	0	0	0	0	73	62.0	2621	83	124	204	1.494	0.608	0.407	5.2	20.00
1339	40.7930	116.7274	-153.3	322	TB1	0	0	0	0	76	61.7	2495	75	112	198	1.493	0.566	0.379	5.3	20.00
1340	40.7930	116.7280	-149.1	312	TB1	0	0	0	0	66	61.3	2469	78	136	194	1.744	0.701	0.402	5.4	20.00
1341	40.7930	116.7285	-150.8	302	TB1	0	0	0	0	74	60.9	2480	71	174	147	2.451	1.184	0.483	5.4	20.00
1342	40.7930	116.7291	-152.2	295	TB1	0	0	0	0	73	60.6	2501	72	95	233	1.319	0.408	0.309	5.4	20.00
1343	40.7930	116.7296	-153.8	292	TB1	0	0	0	0	83	60.5	2512	67	113	220	1.687	0.514	0.305	5.5	20.00
1344	40.7930	116.7302	-151.2	293	TB1	0	0	0	0	77	60.5	2547	61	148	190	2.426	0.779	0.321	5.7	20.00
1345	40.7930	116.7308	-137.5	298	TB1	0	0	0	0	72	60.7	2532	77	101	200	1.312	0.505	0.385	5.8	20.00
1346	40.7929	116.7313	-122.7	295	TB1	0	0	0	0	75	60.6	2560	74	113	219	1.527	0.516	0.338	6.0	20.00
1347	40.7929	116.7319	-111.1	290	TB1	0	0	0	0	77	60.5	2542	64	138	209	2.156	0.660	0.306	6.3	20.00
1348	40.7929	116.7325	-106.5	288	TB1	0	0	0	0	69	60.4	2564	82	123	197	1.500	0.624	0.416	6.4	20.00
1349	40.7929	116.7330	-106.4	287	TB1	0	0	0	0	79	60.3	2570	64	94	243	1.469	0.387	0.263	6.5	20.00
1350	40.7929	116.7336	-107.8	286	TB1	0	0	0	0	89	60.3	2544	81	114	213	1.407	0.535	0.380	6.6	20.00
1351	40.7929	116.7342	-110.4	288	TB1	0	0	0	0	79	60.4	2577	71	127	206	1.789	0.617	0.345	6.7	20.00
1352	40.7929	116.7347	-116.7	292	TB1	0	0	0	0	67	60.5	2591	71	120	228	1.690	0.526	0.311	6.6	20.00
1353	40.7929	116.7353	-129.1	295	TB1	0	0	0	0	75	60.7	2499	75	69	257	0.920	0.268	0.292	6.6	20.00
1354	40.7929	116.7359	-145.1	306	TB1	0	0	0	0	62	61.1	2657	89	134	220	1.506	0.609	0.405	6.7	20.00
1355	40.7929	116.7364	-158.2	311	TB1	0	0	0	0	77	61.4	2609	69	117	231	1.696	0.506	0.299	6.7	20.00
1356	40.7928	116.7370	-174.2	322	TB1	0	0	0	0	79	61.8	2617	90	71	227	0.789	0.313	0.396	6.8	20.00
1357	40.7928	116.7375	-182.5	332	TB1	0	0	0	0	86	62.2	2664	53	151	266	2.849	0.568	0.199	6.8	20.00
1358	40.7928	116.7381	-148.0	342	TB1	0	0	0	0	70	62.6	2586	63	172	204	2.730	0.843	0.309	6.9	20.00
1359	40.7928	116.7387	-100.1	350	TB1	0	0	0	0	77	62.9	2554	73	120	212	1.644	0.566	0.344	6.9	20.00
1360	40.7928	116.7392	-83.4	358	TB1	0	0	0	0	72	63.3	2602	69	142	197	2.058	0.721	0.350	6.9	20.00
1361	40.7928	116.7398	-109.7	365	TB1	0	0	0	0	86	63.5	2560	74	63	222	0.851	0.284	0.333	6.9	20.00
1362	40.7928	116.7404	-141.0	374	TB1	0	0	0	0	75	63.9	2583	68	139	202	2.044	0.688	0.337	6.9	20.00
1363	40.7928	116.7409	-161.3	377	TB1	0	0	1	0	72	64.0	2548	76	29	248	0.382	0.117	0.306	7.0	20.00
1364	40.7928	116.7415	-197.0	377	TB1	0	0	0	0	73	64.0	2559	65	111	231	1.708	0.481	0.281	7.2	20.00
1365	40.7928	116.7421	-238.6	374	TB1	0	0	0	0	80	63.9	2528	81	34	235	0.420	0.145	0.345	7.3	20.00
1366	40.7927	116.7426	-248.0	368	TB1	0	0	0	0	67	59.1	2345	74	101	174	1.365	0.580	0.425	7.4	20.00
1367	40.7927	116.7432	-225.2	363	TB1	0	0	0	0	71	58.9	2389	64	134	167	2.094	0.802	0.383	7.5	20.00
1368	40.7927	116.7437	-197.4	356	TB1	0	0	0	0	81	58.7	2439	61	135	190	2.213	0.711	0.321	7.5	20.00
1369	40.7927	116.7443	-175.5	354	TB1	0	0	0	0	68	58.6	2479	71	98	197	1.380	0.497	0.360	7.5	20.00
1370	40.7927	116.7449	-162.1	358	TB1	0	0	0	0	78	58.7	2508	57	80	247	1.404	0.324	0.231	7.6	20.00
1371	40.7927	116.7454	-151.8	374	TB1	0	0	0	0	70	59.3	2744	73	178	201	2.438	0.886	0.363	7.5	20.00
1372	40.7927	116.7460	-142.1	394	TB1	0	0	1	0	77	60.0	2454	90	-5	237	-0.056	-0.021	0.380	7.5	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1373	40.7927	116.7466	-139.3	406	TB1	0	0	0	0	67	60.5	2499	90	58	239	0.644	0.243	0.377	7.5	20.00
1375	40.7927	116.7477	-151.7	426	TB1	0	0	0	0	70	61.2	2481	74	121	165	1.635	0.733	0.448	7.4	20.00
1376	40.7926	116.7483	-152.7	434	TB1	0	0	0	0	69	61.4	2503	68	92	194	1.353	0.474	0.351	7.4	20.00
1377	40.7926	116.7488	-148.5	441	TB1	0	0	0	0	74	61.7	2510	71	94	203	1.324	0.463	0.350	7.5	20.00
1378	40.7926	116.7494	-146.6	445	TB1	0	0	0	0	82	61.8	2519	69	83	219	1.203	0.379	0.315	7.5	20.00
1379	40.7926	116.7500	-142.4	450	TB1	0	0	0	0	72	62.0	2455	71	110	153	1.549	0.719	0.464	7.5	20.00
1380	40.7926	116.7505	-137.0	455	TB1	0	0	0	0	78	62.1	2491	70	68	202	0.971	0.337	0.347	7.4	20.00
1381	40.7926	116.7511	-130.6	465	TB1	0	0	0	0	73	62.5	2637	66	131	179	1.985	0.732	0.369	7.5	20.00
1382	40.7926	116.7516	-125.3	477	TB1	0	0	0	0	79	62.9	2678	82	57	243	0.695	0.235	0.337	7.5	20.00
1383	40.7926	116.7522	-121.8	496	TB1	0	0	0	0	70	63.5	2744	89	97	221	1.090	0.439	0.403	7.5	20.00
1384	40.7926	116.7528	-122.9	499	TB1	0	0	0	0	82	63.6	2662	81	57	233	0.704	0.245	0.348	7.4	20.00
1385	40.7926	116.7533	-127.3	496	TB1	0	0	0	0	69	63.5	2599	70	140	138	2.000	1.014	0.507	7.3	20.00
1386	40.7925	116.7539	-135.9	499	TB1	0	0	0	0	79	58.5	2555	60	123	235	2.050	0.523	0.255	7.2	20.00
1387	40.7925	116.7545	-141.5	500	TB1	0	0	0	0	68	58.5	2461	67	117	179	1.746	0.654	0.374	7.1	20.00
1388	40.7925	116.7550	-142.1	499	TB1	0	0	0	0	73	58.5	2426	67	86	165	1.284	0.521	0.406	7.1	20.00
1389	40.7925	116.7556	-130.5	499	TB1	0	0	1	0	78	58.5	2328	60	6	210	0.100	0.029	0.286	7.1	20.00
1390	40.7925	116.7562	-114.6	479	TB1	0	0	0	0	72	57.9	2137	54	91	150	1.685	0.607	0.360	6.9	20.00
1391	40.7925	116.7567	-97.1	460	TB1	0	0	0	0	77	57.3	2243	60	88	186	1.467	0.473	0.323	6.7	20.00
1392	40.7925	116.7573	-81.4	441	TB1	0	0	0	0	80	56.8	2197	46	89	213	1.935	0.418	0.216	6.6	20.00
1393	40.7925	116.7578	-73.5	435	TB1	0	0	0	0	67	56.6	2222	57	111	157	1.947	0.707	0.363	6.7	20.00
1394	40.7925	116.7584	-70.8	451	TB1	0	0	0	0	84	57.1	2320	63	40	193	0.635	0.207	0.326	6.9	20.00
1395	40.7925	116.7590	-69.7	442	TB1	0	0	0	0	68	56.8	2261	45	69	204	1.533	0.338	0.221	6.9	20.00
1396	40.7925	116.7595	-70.7	422	TB1	0	0	0	0	82	56.2	2129	81	72	117	0.889	0.615	0.692	6.7	20.00
1397	40.7924	116.7601	-76.7	418	TB1	0	0	0	0	67	56.0	2164	54	140	157	2.593	0.892	0.344	6.6	20.00
1398	40.7924	116.7607	-80.8	411	TB1	0	0	0	0	78	55.8	2243	59	75	169	1.271	0.444	0.349	6.5	20.00
1399	40.7924	116.7612	-78.3	397	TB1	0	0	0	0	73	55.3	2162	36	135	163	3.750	0.828	0.221	6.2	20.00
1400	40.7924	116.7618	-69.7	398	TB1	0	0	0	0	73	55.4	2230	55	137	145	2.491	0.945	0.379	6.1	20.00
1401	40.7925	116.7625	-64.5	410	TB1	0	0	0	0	82	55.8	2302	56	70	160	1.250	0.438	0.350	6.2	20.00
1402	40.7925	116.7632	-50.2	396	TB1	0	0	0	0	61	55.3	2277	61	82	193	1.344	0.425	0.316	6.2	20.00
1404	40.7926	116.7646	8.2	384	TB1	0	0	0	0	85	54.9	2364	49	116	195	2.367	0.595	0.251	6.1	20.00
1405	40.7927	116.7654	40.8	378	TB1	0	0	0	0	74	54.7	2260	52	46	219	0.885	0.210	0.237	6.2	20.00
1406	40.7928	116.7661	70.1	374	TB1	0	0	0	0	79	52.7	2279	58	66	204	1.138	0.324	0.284	6.2	20.00
1407	40.7928	116.7668	97.7	375	TB1	0	0	0	0	64	52.7	2269	64	127	139	1.984	0.914	0.460	6.3	20.00
1408	40.7929	116.7675	125.3	373	TB1	0	0	1	0	74	52.7	2332	72	26	212	0.361	0.123	0.340	6.3	20.00
1409	40.7929	116.7682	148.0	373	TB1	0	0	0	0	74	52.7	2234	62	72	197	1.161	0.365	0.315	6.4	20.00
1410	40.7930	116.7689	164.6	377	TB1	0	0	0	0	63	52.8	2192	61	93	177	1.525	0.525	0.345	6.5	20.00
1411	40.7931	116.7696	176.7	375	TB1	0	0	0	0	81	52.7	2254	70	32	205	0.457	0.156	0.341	6.4	20.00
1412	40.7931	116.7704	186.1	373	TB1	0	0	0	0	75	52.7	2193	53	70	193	1.321	0.363	0.275	6.5	20.00
1413	40.7932	116.7711	197.5	378	TB1	0	0	0	0	71	52.8	2292	48	130	187	2.708	0.695	0.257	6.6	20.00
1414	40.7932	116.7718	208.7	390	TB1	0	0	0	0	78	53.2	2291	41	144	158	3.512	0.911	0.259	6.6	20.00
1416	40.7934	116.7732	224.0	398	TB1	0	0	0	0	69	53.5	2262	59	73	190	1.237	0.384	0.311	6.6	20.00
1417	40.7934	116.7739	225.1	386	TB1	0	0	0	0	75	53.1	2258	53	53	248	1.000	0.214	0.214	6.7	20.00
1418	40.7935	116.7746	222.8	374	TB1	0	0	0	0	71	52.7	2259	63	60	225	0.952	0.267	0.280	6.6	20.00
1419	40.7935	116.7753	213.9	363	TB1	0	0	0	0	75	52.3	2225	59	103	155	1.746	0.665	0.381	6.6	20.00
1420	40.7936	116.7761	193.9	381	TB1	0	0	0	0	72	52.9	2289	82	39	200	0.476	0.195	0.410	6.6	20.00
1421	40.7936	116.7768	161.3	420	TB1	0	0	0	0	74	54.1	2514	64	75	240	1.172	0.313	0.267	6.5	20.00
1422	40.7937	116.7775	120.4	416	TB1	0	0	0	0	74	54.0	2444	64	92	195	1.438	0.472	0.328	6.5	20.00
1423	40.7938	116.7782	82.4	401	TB1	0	0	0	0	70	53.5	2395	61	97	191	1.590	0.508	0.319	6.5	20.00
1424	40.7938	116.7789	61.0	390	TB1	0	0	0	0	88	53.2	2317	81	60	161	0.741	0.373	0.503	6.4	20.00
1425	40.7939	116.7796	62.0	382	TB1	0	0	0	0	67	53.0	2320	48	120	183	2.500	0.656	0.262	6.4	20.00
1426	40.7939	116.7803	75.5	372	TB1	0	0	0	0	70	53.5	2335	75	37	205	0.493	0.180	0.366	6.5	20.00
1427	40.7940	116.7811	91.8	356	TB1	0	0	0	0	63	53.0	2259	75	47	192	0.627	0.245	0.391	6.5	20.00
1428	40.7941	116.7818	112.9	354	TB1	0	0	0	0	77	52.9	2250	59	106	182	1.797	0.582	0.324	6.6	20.00
1429	40.7941	116.7825	133.2	353	TB1	0	0	0	0	74	52.8	2210	52	142	150	2.731	0.947	0.347	6.6	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1430	40.7942	116.7832	143.4	352	TB1	0	0	0	0	67	52.8	2270	66	100	178	1.515	0.562	0.371	6.7	20.00
1431	40.7942	116.7839	138.5	355	TB1	0	0	0	0	67	52.9	2314	65	108	192	1.662	0.563	0.339	6.7	20.00
1432	40.7943	116.7846	123.9	361	TB1	0	0	0	0	71	53.1	2360	41	176	186	4.293	0.946	0.220	6.8	20.00
1433	40.7944	116.7853	115.1	370	TB1	0	0	0	0	69	53.4	2293	80	62	166	0.775	0.373	0.482	6.9	20.00
1434	40.7944	116.7860	115.4	384	TB1	0	0	0	0	76	53.9	2241	68	56	190	0.824	0.295	0.358	6.9	20.00
1435	40.7945	116.7868	123.3	394	TB1	0	0	0	0	71	54.2	2243	52	95	179	1.827	0.531	0.291	7.0	20.00
1436	40.7945	116.7875	134.8	408	TB1	0	0	0	0	78	54.6	2249	50	114	204	2.280	0.559	0.245	7.0	20.00
1437	40.7946	116.7882	146.6	424	TB1	0	0	0	0	63	55.1	2193	55	117	150	2.127	0.780	0.367	7.0	20.00
1438	40.7946	116.7889	153.3	436	TB1	0	0	0	0	85	55.5	2188	59	79	169	1.339	0.467	0.349	7.0	20.00
1439	40.7947	116.7896	155.5	441	TB1	0	0	0	0	76	55.7	2294	66	98	157	1.485	0.624	0.420	7.0	20.00
1440	40.7948	116.7903	150.2	449	TB1	0	0	0	0	67	55.9	2272	54	110	181	2.037	0.608	0.298	7.1	20.00
1441	40.7948	116.7910	138.4	459	TB1	0	0	1	0	83	56.2	2221	58	23	167	0.397	0.138	0.347	7.0	20.00
1442	40.7949	116.7917	125.6	474	TB1	0	0	0	0	76	56.7	2386	55	102	166	1.855	0.614	0.331	6.9	20.00
1443	40.7949	116.7925	116.1	486	TB1	0	0	0	0	70	57.0	2352	75	64	197	0.853	0.325	0.381	6.9	20.00
1444	40.7950	116.7932	114.0	491	TB1	0	0	0	0	74	57.2	2374	56	81	202	1.446	0.401	0.277	6.9	20.00
1445	40.7951	116.7939	117.9	497	TB1	0	0	0	0	73	57.3	2300	66	106	141	1.606	0.752	0.468	6.9	20.00
1446	40.7951	116.7946	123.5	499	TB1	0	0	0	0	70	57.9	2225	53	59	186	1.113	0.317	0.285	6.7	20.00
1447	40.7952	116.7953	128.7	476	TB1	0	0	0	0	76	57.2	2272	67	80	152	1.194	0.526	0.441	6.5	20.00
1448	40.7952	116.7960	139.2	461	TB1	0	0	0	0	70	56.8	2304	47	139	131	2.957	1.061	0.359	6.4	20.00
1449	40.7953	116.7967	150.3	453	TB1	0	0	0	0	86	56.5	2321	68	64	156	0.941	0.410	0.436	6.3	20.00
1450	40.7954	116.7975	162.8	440	TB1	0	0	0	0	76	56.1	2241	49	99	171	2.020	0.579	0.287	6.3	20.00
1451	40.7954	116.7982	171.6	435	TB1	0	0	0	0	73	55.9	2331	53	96	185	1.811	0.519	0.286	6.2	20.00
1452	40.7955	116.7989	177.9	445	TB1	0	0	0	0	73	56.3	2370	55	86	198	1.564	0.434	0.278	6.2	20.00
1453	40.7955	116.7996	177.8	483	TB1	0	0	0	0	73	57.4	2515	62	160	148	2.581	1.081	0.419	6.2	20.00
1454	40.7956	116.8003	173.3	475	TB1	0	0	0	0	77	57.2	2494	67	42	258	0.627	0.163	0.260	6.1	20.00
1455	40.7956	116.8010	167.9	462	TB1	0	0	0	0	70	56.8	2304	59	79	201	1.339	0.393	0.294	6.1	20.00
1456	40.7957	116.8017	166.4	455	TBA	0	0	0	0	68	56.6	2338	72	45	176	0.625	0.256	0.409	6.1	20.00
1457	40.7958	116.8024	169.3	454	TBA	0	0	0	0	68	56.6	2338	51	92	221	1.804	0.416	0.231	6.0	20.00
1458	40.7958	116.8032	176.9	457	TBA	0	0	0	0	76	56.6	2265	45	77	196	1.711	0.393	0.230	6.1	20.00
1459	40.7959	116.8039	183.4	463	TBA	0	0	0	0	76	56.8	2331	56	50	184	0.893	0.272	0.304	6.1	20.00
1460	40.7959	116.8046	184.5	461	TBA	0	0	0	0	72	56.8	2268	50	51	213	1.020	0.239	0.235	5.9	20.00
1461	40.7960	116.8053	184.3	455	TBA	0	0	0	0	82	56.6	2288	47	135	133	2.872	1.015	0.353	5.8	20.00
1462	40.7961	116.8060	184.7	459	TBA	0	0	0	0	76	56.7	2323	51	107	160	2.098	0.669	0.319	5.8	20.00
1463	40.7961	116.8067	188.5	479	TBA	0	0	0	0	81	57.3	2419	65	118	159	1.815	0.742	0.409	5.8	20.00
1464	40.7962	116.8074	191.1	477	TBA	0	0	1	0	75	60.1	2418	71	25	253	0.352	0.099	0.281	5.8	20.00
1465	40.7962	116.8082	195.8	463	TBA	0	0	0	0	69	59.7	2259	54	54	203	1.000	0.266	0.266	5.6	20.00
1466	40.7963	116.8089	203.4	452	TBA	0	0	0	0	77	59.3	2230	57	46	214	0.807	0.215	0.266	5.5	20.00
1467	40.7964	116.8096	210.4	440	TBA	0	0	1	0	75	59.0	2265	57	12	264	0.211	0.045	0.216	5.6	20.00
1468	40.7964	116.8103	215.0	433	TBA	0	0	0	0	78	58.7	2242	37	105	171	2.838	0.614	0.216	5.5	20.00
1469	40.7965	116.8110	218.3	428	TBA	0	0	0	0	71	58.6	2315	60	61	186	1.017	0.328	0.323	5.4	20.00
1470	40.7965	116.8117	220.4	428	TBA	0	0	0	0	81	58.5	2301	50	102	171	2.040	0.596	0.292	5.5	20.00
1471	40.7966	116.8124	220.4	416	TBA	0	0	0	0	81	58.2	2359	59	78	186	1.322	0.419	0.317	5.5	20.00
1472	40.7966	116.8131	218.0	406	TBA	0	0	0	0	77	57.8	2368	74	57	192	0.770	0.297	0.385	5.5	20.00
1473	40.7967	116.8139	217.4	406	TBA	0	0	0	0	74	57.8	2299	65	76	177	1.169	0.429	0.367	5.5	20.00
1474	40.7968	116.8146	211.2	408	TBA	0	0	0	0	66	57.9	2306	58	105	188	1.810	0.559	0.309	5.5	20.00
1475	40.7968	116.8153	202.5	392	TBA	0	0	0	0	69	57.3	2329	61	136	158	2.230	0.861	0.386	5.5	20.00
1476	40.7969	116.8160	189.0	381	TBA	0	0	0	0	72	57.0	2214	47	138	186	2.936	0.742	0.253	5.5	20.00
1477	40.7969	116.8167	173.2	383	TBA	0	0	0	0	73	57.0	2216	56	72	218	1.286	0.330	0.257	5.5	20.00
1478	40.7970	116.8174	151.8	390	TBA	0	0	0	0	79	57.3	2306	43	173	169	4.023	1.024	0.254	5.5	20.00
1479	40.7971	116.8181	130.5	395	TBA	0	0	0	0	74	57.5	2199	76	33	193	0.434	0.171	0.394	5.4	20.00
1480	40.7971	116.8189	109.8	391	TBA	0	0	0	0	74	57.3	2180	41	123	171	3.000	0.719	0.240	5.3	20.00
1481	40.7972	116.8196	94.3	398	TBA	0	0	0	0	74	57.5	2208	62	66	148	1.065	0.446	0.419	5.3	20.00
1482	40.7972	116.8203	82.3	410	TBA	0	0	0	0	66	58.0	2090	50	52	183	1.040	0.284	0.273	5.2	20.00
1483	40.7973	116.8210	75.3	428	TBA	0	0	1	0	80	60.7	2214	46	21	232	0.457	0.091	0.198	5.1	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1484	40.7974	116.8217	72.3	449	TBA	0	0	0	0	76	61.3	2288	40	98	210	2.450	0.467	0.190	5.1	20.00
1485	40.7974	116.8224	59.2	447	TBA	0	0	0	0	74	61.3	2324	68	105	145	1.544	0.724	0.469	5.0	20.00
1486	40.7975	116.8231	39.5	436	TBA	0	0	0	0	68	60.9	2277	67	92	162	1.373	0.568	0.414	4.9	20.00
1487	40.7975	116.8238	25.5	424	TBA	0	0	0	0	72	60.5	2317	64	118	160	1.844	0.737	0.400	4.8	20.00
1488	40.7976	116.8246	17.5	408	TBA	0	0	0	0	82	60.0	2132	45	123	153	2.733	0.804	0.294	4.8	20.00
1489	40.7976	116.8253	3.7	389	TBA	0	0	0	0	80	59.3	2175	74	73	139	0.986	0.525	0.532	4.7	20.00
1490	40.7977	116.8260	-11.0	379	TBA	0	0	0	0	76	59.0	2145	43	53	220	1.233	0.241	0.195	4.6	20.00
1491	40.7978	116.8267	-21.9	377	TBA	0	0	0	0	71	58.9	2227	58	54	212	0.931	0.255	0.274	4.5	20.00
1492	40.7978	116.8274	-26.2	386	TBA	0	0	0	0	77	59.2	2218	38	104	183	2.737	0.568	0.208	4.5	20.00
1493	40.7979	116.8281	-7.5	401	TBA	0	0	1	0	70	59.7	2253	76	6	211	0.079	0.028	0.360	4.4	20.00
1494	40.7979	116.8288	39.4	436	TBA	0	0	1	0	77	60.9	2249	49	28	248	0.571	0.113	0.198	4.4	20.00
1495	40.7980	116.8296	105.9	479	TBA	0	0	0	0	63	62.3	2380	63	112	174	1.778	0.644	0.362	4.3	20.00
1496	40.7981	116.8303	171.2	496	TBA	0	0	0	0	80	62.9	2389	74	43	216	0.581	0.199	0.343	4.3	20.00
1497	40.7981	116.8310	208.1	507	TBA	0	0	0	0	77	63.2	2323	43	121	133	2.814	0.910	0.323	4.3	20.00
1498	40.7982	116.8317	213.2	525	TBA	0	0	0	0	76	63.8	2362	71	71	168	1.000	0.423	0.423	4.3	20.00
1499	40.7982	116.8324	190.3	525	TBA	0	0	1	0	80	63.8	2268	67	17	203	0.254	0.084	0.330	4.2	20.00
1500	40.7983	116.8331	157.7	558	TBA	0	0	1	0	77	64.8	2305	63	25	154	0.397	0.162	0.409	4.1	20.00
1501	40.7984	116.8338	132.9	604	TBA	0	0	0	0	65	66.1	2330	50	43	227	0.860	0.189	0.220	4.2	20.00
1502	40.7984	116.8345	133.1	611	TBA	0	0	0	0	75	60.9	2317	58	100	158	1.724	0.633	0.367	4.2	20.00
1503	40.7985	116.8353	161.9	536	TBA	0	0	0	0	78	58.9	2296	62	48	210	0.774	0.229	0.295	4.2	20.00
1504	40.7985	116.8360	209.1	483	TBA	0	0	0	0	79	57.4	2354	61	52	222	0.852	0.234	0.275	4.2	20.00
1505	40.7986	116.8367	237.5	430	TBA	0	0	0	0	73	55.8	2431	65	89	232	1.369	0.384	0.280	4.0	20.00
1506	40.7986	116.8374	205.5	392	TBA	0	0	0	0	76	54.6	2314	55	105	161	1.909	0.652	0.342	3.9	20.00
1507	40.7987	116.8381	132.9	359	TBA	0	0	0	0	74	53.5	2251	64	87	195	1.359	0.446	0.328	3.8	20.00
1508	40.7988	116.8388	86.6	338	TBA	0	0	0	0	72	52.8	2227	73	91	168	1.247	0.542	0.435	3.7	20.00
1509	40.7988	116.8395	97.0	340	TBA	0	0	0	0	78	52.9	2247	58	87	188	1.500	0.463	0.309	3.5	20.00
1510	40.7989	116.8402	132.5	355	TBA	0	0	0	0	83	53.3	2187	50	68	180	1.360	0.378	0.278	3.4	20.00
1511	40.7989	116.8410	178.0	372	TBA	0	0	0	0	78	53.9	2218	46	94	189	2.043	0.497	0.243	3.3	20.00
1512	40.7990	116.8417	207.1	403	TBA	0	0	0	0	75	54.9	2381	80	71	174	0.888	0.408	0.460	3.2	20.00
1513	40.7991	116.8424	220.3	436	TBA	0	0	0	0	77	56.0	2459	53	150	165	2.830	0.909	0.321	3.0	20.00
1514	40.7991	116.8431	233.8	455	TBA	0	0	0	0	68	56.6	2442	64	100	182	1.563	0.549	0.352	2.9	20.00
1515	40.7992	116.8438	257.6	482	TBA	0	0	0	0	71	57.4	2498	60	97	235	1.617	0.413	0.255	2.8	20.00
1516	40.7992	116.8445	287.9	466	TBA	0	0	0	0	74	56.9	2415	56	114	183	2.036	0.623	0.306	2.8	20.00
1517	40.7993	116.8452	313.1	451	TBA	0	0	0	0	68	56.4	2499	69	43	246	0.623	0.175	0.280	2.8	20.00
1518	40.7994	116.8460	333.1	432	TBA	0	0	0	0	71	55.9	2439	68	98	215	1.441	0.456	0.316	2.8	20.00
1519	40.7994	116.8467	355.1	415	TBA	0	0	0	0	81	55.3	2367	61	136	157	2.230	0.866	0.389	2.6	20.00
1520	40.7995	116.8474	375.1	406	TBA	0	0	0	0	73	55.0	2371	70	145	157	2.071	0.92'	0.446	2.6	20.00
1521	40.7995	116.8481	383.2	398	TBA	0	0	1	0	84	54.3	2308	63	4	219	0.063	0.018	0.288	2.6	20.00
1522	40.7996	116.8488	380.2	383	TBA	0	0	0	0	84	53.8	2306	59	49	230	0.831	0.213	0.257	2.5	20.00
1523	40.7996	116.8495	361.6	363	TBA	0	0	0	0	71	53.2	2276	69	54	190	0.783	0.284	0.363	2.4	20.00
1524	40.7997	116.8502	346.7	347	TBA	0	0	0	0	77	52.6	2273	61	131	177	2.148	0.740	0.345	2.3	20.00
1525	40.7998	116.8509	368.5	341	TBA	0	0	0	0	75	52.4	2289	69	44	232	0.638	0.190	0.297	2.2	20.00
1526	40.7998	116.8517	408.0	354	TBA	0	0	0	0	80	52.8	2314	54	135	185	2.500	0.730	0.292	2.1	20.00
1527	40.7999	116.8524	437.9	391	TBA	0	0	0	0	84	54.1	2433	75	68	212	0.907	0.321	0.354	2.0	20.00
1528	40.7999	116.8531	414.0	448	TBA	0	0	0	0	77	55.8	2450	50	130	191	2.600	0.681	0.262	1.9	20.00
1529	40.8000	116.8538	326.0	492	TBA	0	0	0	0	81	57.1	2534	52	108	202	2.077	0.535	0.257	1.9	20.00
1530	40.8001	116.8545	248.9	500	TBA	0	0	0	0	84	57.4	2560	56	85	239	1.518	0.356	0.234	1.9	20.00
1531	40.8000	116.8551	201.3	499	TBA	0	0	0	0	79	57.3	2520	62	70	238	1.129	0.294	0.261	1.8	20.00
1532	40.8000	116.8556	177.1	495	TBA	0	0	0	0	73	57.3	2524	75	70	221	0.933	0.317	0.339	1.7	20.00
1533	40.8000	116.8562	167.3	492	TBA	0	0	0	0	78	57.2	2528	67	121	223	1.806	0.543	0.300	1.7	20.00
1534	40.8000	116.8568	159.0	478	TBA	0	0	0	0	67	56.8	2564	74	95	201	1.284	0.473	0.368	1.7	20.00
1535	40.8000	116.8573	155.3	461	TBA	0	0	0	0	72	56.3	2414	77	73	184	0.948	0.397	0.418	1.6	20.00
1536	40.7999	116.8579	162.6	455	TBA	0	0	0	0	75	56.1	2405	66	84	200	1.273	0.420	0.330	1.6	20.00
1537	40.7999	116.8585	176.6	446	TBA	0	0	0	0	81	55.8	2331	31	134	170	4.323	0.788	0.182	1.6	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1538	40.7999	116.8590	183.3	416	TBA	0	0	0	0	81	54.9	2451	70	111	172	1.586	0.645	0.407	1.7	20.00
1539	40.7999	116.8596	183.8	403	TBA	0	0	0	0	77	54.5	2321	57	132	186	2.316	0.710	0.306	1.7	20.00
1540	40.7998	116.8602	188.4	400	TBA	0	0	0	0	83	58.6	2233	53	39	208	0.736	0.188	0.255	1.7	20.00
1541	40.7998	116.8607	205.6	407	TBA	0	0	0	0	82	58.9	2281	77	102	124	1.325	0.823	0.621	1.7	20.00
1542	40.7998	116.8613	233.9	421	TBA	0	0	0	0	75	59.3	2377	59	61	211	1.03[illegible]	0.289	0.280	1.7	20.00
1543	40.7998	116.8618	264.8	427	TBA	0	0	0	0	74	59.5	2381	59	49	237	0.831	0.207	0.249	1.7	20.00
1544	40.7998	116.8624	288.8	415	TBA	0	0	0	0	79	59.1	2299	49	48	231	0.980	0.208	0.212	1.7	20.00
1545	40.7997	116.8630	306.2	410	TBA	0	0	0	0	76	59.0	2318	61	52	193	0.852	0.269	0.316	1.7	20.00
1546	40.7997	116.8635	319.5	404	TBA	0	0	1	0	78	58.8	2315	70	27	226	0.386	0.119	0.310	1.7	20.00
1547	40.7997	116.8641	325.6	395	TBA	0	0	0	0	77	58.5	2323	62	43	231	0.694	0.186	0.268	1.7	20.00
1548	40.7997	116.8647	334.5	405	TBA	0	0	0	0	79	58.8	2373	53	109	215	2.057	0.507	0.247	1.8	20.00
1549	40.7997	116.8652	355.9	437	TBA	0	0	0	0	77	59.9	2407	69	90	179	1.304	0.503	0.385	1.8	20.00
1550	40.7996	116.8658	379.4	482	TBA	0	0	0	0	77	61.3	2649	93	39	246	0.419	0.159	0.378	1.8	20.00
1551	40.7996	116.8664	397.9	495	TBA	0	0	0	0	66	61.7	2694	72	98	229	1.361	0.428	0.314	1.7	20.00
1552	40.7996	116.8669	406.2	514	TBA	0	0	0	0	68	62.3	2641	53	142	181	2.679	0.785	0.293	1.7	20.00
1553	40.7996	116.8675	408.6	574	TBA	0	0	0	0	82	64.1	2659	60	145	188	2.417	0.771	0.319	1.7	20.00
1555	40.7995	116.8686	395.6	634	TBA	0	0	0	0	71	65.7	2639	66	57	225	0.864	0.253	0.293	1.7	20.00
1556	40.7995	116.8692	381.9	620	TBA	0	0	0	0	78	65.4	2745	77	75	245	0.974	0.306	0.314	1.7	20.00
1557	40.7995	116.8697	370.0	585	TBA	0	0	0	0	76	64.4	2793	89	51	227	0.573	0.225	0.392	1.7	20.00
1558	40.7995	116.8703	364.4	559	TBA	0	0	0	0	74	63.6	2606	61	57	245	0.934	0.233	0.249	1.7	20.00
1559	40.7995	116.8709	360.8	499	TBA	0	0	0	0	74	61.8	2485	58	92	182	1.586	0.505	0.319	1.7	20.00
1560	40.7994	116.8714	361.8	492	TBA	0	0	0	0	81	66.1	2564	76	74	224	0.974	0.330	0.339	1.7	20.00
1561	40.7994	116.8720	366.0	496	TBA	0	0	0	0	76	66.2	2527	69	47	247	0.681	0.190	0.279	1.7	20.00
1562	40.7994	116.8726	368.4	555	TBA	0	0	0	0	76	68.2	2617	73	50	219	0.685	0.228	0.333	1.8	20.00
1563	40.7994	116.8731	361.6	598	TBA	0	0	0	0	69	69.5	2811	67	154	155	2.299	0.994	0.432	1.9	20.00
1564	40.7994	116.8737	343.1	574	TBA	0	0	0	0	72	68.7	2603	57	47	251	0.825	0.187	0.227	1.9	20.00
1565	40.7993	116.8742	313.5	547	TBA	0	0	0	0	84	67.9	2535	60	148	138	2.467	1.072	0.435	2.1	20.00
1566	40.7993	116.8748	275.7	497	TBA	0	0	0	0	71	66.3	2491	76	75	172	0.987	0.436	0.442	2.1	20.00
1567	40.7993	116.8754	229.0	492	TBA	0	0	0	0	71	66.1	2435	65	58	206	0.892	0.282	0.316	2.2	20.00
1568	40.7993	116.8759	176.1	480	TBA	0	0	0	0	73	65.7	2507	74	93	178	1.257	0.522	0.416	2.2	20.00
1569	40.7992	116.8765	124.0	455	TBA	0	0	0	0	80	64.8	2445	61	91	156	1.492	0.583	0.391	2.2	20.00
1570	40.7992	116.8771	82.6	419	TBA	0	0	0	0	75	63.6	2380	63	86	161	1.365	0.534	0.391	2.2	20.00
1571	40.7992	116.8776	61.1	407	TBA	0	0	0	0	82	63.1	2321	40	103	183	2.575	0.563	0.219	2.3	20.00
1572	40.7992	116.8782	59.4	395	TBA	0	0	0	0	78	62.7	2381	68	69	201	1.015	0.343	0.338	2.4	20.00
1573	40.7992	116.8788	67.7	389	TBA	0	0	0	0	70	62.5	2260	51	58	206	1.137	0.282	0.248	2.4	20.00
1574	40.7991	116.8793	80.2	398	TBA	0	0	0	0	85	62.8	2318	46	89	190	1.935	0.468	0.242	2.5	20.00
1575	40.7991	116.8799	94.3	421	TBA	0	0	0	0	74	63.6	2393	41	135	191	3.293	0.707	0.215	2.5	20.00
1576	40.7991	116.8804	102.4	456	TBA	0	0	0	0	76	64.9	2514	69	95	187	1.377	0.508	0.369	2.6	20.00
1577	40.7991	116.8810	97.8	488	TBA	0	0	0	0	77	66.0	2510	52	61	266	1.173	0.229	0.195	2.6	20.00
1578	40.7991	116.8816	83.0	497	TBA	0	0	0	0	79	66.3	2515	77	50	210	0.649	0.238	0.367	2.7	20.00
1579	40.7990	116.8821	58.0	533	TBA	0	0	0	0	87	60.4	2577	54	95	237	1.759	0.401	0.228	2.7	20.00
1580	40.7990	116.8827	26.8	554	QTL	0	0	0	0	85	61.0	2737	83	41	257	0.494	0.160	0.323	2.7	20.00
1581	40.7990	116.8833	-4.0	507	QTL	0	0	0	0	71	59.7	2650	75	72	227	0.960	0.317	0.330	2.7	20.00
1582	40.7990	116.8838	-32.4	495	QTL	0	0	0	0	73	59.3	2555	68	60	227	0.882	0.264	0.300	2.7	20.00
1583	40.7990	116.8844	-62.2	476	QTL	0	0	0	0	74	58.7	2448	53	132	174	2.491	0.759	0.305	2.7	20.00
1584	40.7989	116.8850	-93.2	429	QTL	0	0	1	0	77	57.3	2405	75	29	213	0.387	0.136	0.352	2.7	20.00
1585	40.7989	116.8855	-124.4	394	QTL	0	0	0	0	82	56.1	2402	50	183	158	3.660	1.158	0.316	2.7	20.00
1586	40.7989	116.8861	-157.9	380	QTL	0	0	0	0	70	55.6	2307	69	64	176	0.928	0.364	0.392	2.7	20.00
1587	40.7989	116.8866	-180.8	370	QTL	0	0	0	0	71	55.3	2353	59	87	218	1.475	0.399	0.271	2.7	20.00
1588	40.7989	116.8872	-214.3	350	QTL	0	0	0	0	75	54.6	2304	50	166	150	3.320	1.107	0.333	2.7	20.00
1589	40.7988	116.8878	-269.1	327	QTL	0	0	0	0	74	53.8	2283	51	78	229	1.529	0.341	0.223	2.7	20.00
1590	40.7988	116.8883	-278.6	314	QF	0	0	0	0	80	53.3	2267	59	78	209	1.322	0.373	0.282	2.7	20.00
1591	40.7988	116.8889	-239.6	326	QF	0	0	0	0	73	53.8	2271	61	42	230	0.689	0.183	0.265	2.7	20.00
1592	40.7988	116.8895	-161.7	367	QF	0	0	0	0	88	55.2	2289	61	107	197	1.754	0.543	0.310	2.6	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1593	40.7987	116.8900	-67.6	421	QF	0	0	0	0	79	57.0	2307	62	56	212	0.903	0.264	0.292	2.7	20.00
1594	40.7987	116.8906	-34.8	472	QF	0	0	0	0	73	58.6	2319	55	115	177	2.091	0.650	0.311	2.6	20.00
1595	40.7987	116.8912	-69.9	496	QF	0	0	0	0	79	59.3	2075	40	88	167	2.200	0.527	0.240	2.6	20.00
1596	40.7987	116.8917	-126.8	522	QF	0	0	1	0	83	60.1	2005	41	3	188	0.073	0.016	0.218	2.6	20.00
1597	40.7987	116.8923	-140.1	539	QF	0	0	1	0	89	60.6	1922	38	3	189	0.079	0.016	0.201	2.7	20.00
1598	40.7986	116.8928	-108.0	500	QF	0	0	0	0	82	42.8	1733	34	33	138	0.971	0.239	0.246	2.8	20.00
1599	40.7986	116.8934	-71.6	468	QF	0	0	1	0	85	42.1	1612	26	15	153	0.577	0.098	0.170	2.7	20.00
1600	40.7986	116.8940	-82.4	474	QF	0	0	0	0	75	42.3	1593	31	29	132	0.935	0.220	0.235	2.6	20.00
1601	40.7986	116.8945	-150.9	499	QF	0	0	0	0	70	42.8	1618	30	33	143	1.100	0.231	0.210	2.7	20.00
1602	40.7986	116.8951	-223.1	551	QF	0	0	0	0	85	43.9	1662	27	50	140	1.852	0.357	0.193	2.7	20.00
1603	40.7985	116.8957	-263.5	631	QF	0	0	1	0	81	45.5	1807	39	26	134	0.667	0.194	0.291	2.7	20.00
1604	40.7985	116.8962	-275.5	642	QF	0	0	0	0	77	45.7	1852	28	52	144	1.857	0.361	0.194	2.7	20.00
1605	40.7985	116.8968	-273.3	652	QF	0	0	0	0	86	45.8	1892	52	37	88	0.712	0.420	0.591	2.6	20.00
1606	40.7985	116.8974	-265.5	642	QF	0	0	0	0	79	45.7	1979	45	76	108	1.689	0.704	0.417	2.6	20.00
1607	40.7985	116.8979	-260.8	625	QF	0	0	0	0	79	45.3	1806	52	43	109	0.827	0.394	0.477	2.7	20.00
1608	40.7984	116.8985	-263.5	608	QF	0	0	1	0	75	45.0	1809	31	8	169	0.258	0.047	0.183	2.8	20.00
1609	40.7984	116.8990	-269.4	635	QF	0	0	0	0	81	45.5	1696	30	48	149	1.600	0.322	0.201	2.8	20.00
1610	40.7984	116.8996	-275.9	676	QF	0	0	0	0	82	46.3	1728	42	48	95	1.143	0.505	0.442	2.8	20.00
1611	40.7984	116.9002	-280.4	698	QF	0	0	0	0	73	46.7	1874	32	63	150	1.969	0.420	0.213	2.8	20.00
1612	40.7984	116.9007	-279.5	762	QF	1	0	0	0	73	47.7	1869	39	31	178	0.795	0.174	0.219	2.7	20.00
1613	40.7983	116.9013	-276.1	790	QF	1	0	0	0	73	48.2	1840	45	53	103	1.178	0.515	0.437	2.7	20.00
1614	40.7983	116.9019	-270.6	771	QF	1	0	0	0	79	47.9	1862	23	58	106	2.522	0.547	0.217	2.6	20.00
1615	40.7983	116.9024	-265.0	766	QF	1	0	0	0	73	47.8	1771	24	81	92	3.375	0.880	0.261	2.6	20.00
1616	40.7983	116.9030	-259.1	771	QF	1	0	1	0	79	47.9	1822	45	22	146	0.489	0.151	0.308	2.6	20.00
1617	40.7983	116.9036	-254.1	812	QF	1	0	1	0	83	38.3	1833	64	16	105	0.250	0.152	0.610	2.6	20.00
1618	40.7982	116.9041	-249.6	856	QF	1	0	1	0	83	38.8	1875	52	25	156	0.481	0.160	0.333	2.6	20.00
1619	40.7982	116.9047	-247.1	877	QF	1	0	0	0	78	39.0	1838	24	36	172	1.500	0.209	0.140	2.6	20.00
1620	40.7982	116.9052	-243.1	888	QF	1	0	0	0	76	39.2	1989	44	52	127	1.182	0.409	0.346	2.6	20.00
1621	40.7982	116.9058	-240.8	907	QF	1	0	0	0	69	39.4	1923	32	75	121	2.344	0.620	0.264	2.5	20.00
1622	40.7981	116.9064	-239.4	910	QF	1	0	0	0	75	39.4	1790	23	72	108	3.130	0.667	0.213	2.5	20.00
1623	40.7981	116.9069	-236.9	929	QF	1	0	0	0	82	39.6	1926	34	37	156	1.088	0.237	0.218	2.5	20.00
1624	40.7981	116.9075	-235.1	938	QF	1	0	0	0	74	39.7	1940	30	96	118	3.200	0.814	0.254	2.4	20.00
1625	40.7981	116.9081	-233.7	917	QF	1	0	1	0	82	39.5	1905	32	4	216	0.125	0.019	0.148	2.4	20.00
1626	40.7981	116.9086	-231.3	892	QF	1	0	1	0	70	39.2	1775	44	5	168	0.114	0.030	0.262	2.3	20.00
1627	40.7980	116.9092	-228.4	860	QF	1	0	0	0	77	38.8	1648	19	38	124	2.000	0.306	0.153	2.3	20.00
1628	40.7980	116.9098	-226.0	832	QF	1	0	0	0	68	38.5	1677	34	31	159	0.912	0.195	0.214	2.3	20.00
1629	40.7980	116.9103	-224.2	823	QF	1	0	0	0	76	38.4	1627	29	68	69	2.345	0.986	0.420	2.2	20.00
1630	40.7980	116.9109	-223.0	830	QF	1	0	0	0	71	38.5	1678	40	63	72	1.575	0.875	0.556	2.3	20.00
1631	40.7980	116.9114	-222.0	843	QF	1	0	1	0	80	38.6	1684	53	-2	131	-0.038	-0.015	0.405	2.3	20.00
1632	40.7979	116.9120	-223.0	856	QF	1	0	0	0	67	38.8	1678	31	74	93	2.387	0.796	0.333	2.3	20.00
1633	40.7979	116.9126	-221.1	858	QF	1	0	0	0	66	38.8	1720	41	32	113	0.780	0.283	0.363	2.2	20.00
1634	40.7979	116.9131	-221.4	863	QF	1	0	0	0	78	38.9	1789	18	128	83	7.111	1.542	0.217	2.2	20.00
1635	40.7979	116.9137	-220.3	866	QF	1	0	1	0	67	38.9	1839	59	17	124	0.288	0.137	0.476	2.1	20.00
1636	40.7979	116.9143	-218.0	849	QF	1	0	0	0	65	36.8	1727	26	85	114	3.269	0.746	0.228	2.1	20.00
1637	40.7978	116.9148	-215.1	826	QF	1	0	0	0	72	36.6	1748	22	62	136	2.818	0.456	0.162	2.1	20.00
1638	40.7978	116.9154	-214.3	807	QF	1	0	0	0	68	36.4	1743	47	44	83	0.936	0.530	0.566	2.1	20.00
1639	40.7978	116.9160	-211.7	778	QF	1	0	0	0	75	36.0	1787	53	31	93	0.585	0.333	0.570	2.0	20.00
1640	40.7978	116.9165	-210.1	748	QF	1	0	0	0	69	35.7	1771	40	32	159	0.800	0.201	0.252	2.0	20.00
1641	40.7978	116.9171	-208.7	749	QF	1	0	0	0	75	35.7	1748	28	42	155	1.500	0.271	0.181	2.0	20.00
1642	40.7977	116.9176	-208.6	719	QF	1	0	1	0	70	35.3	1840	33	15	196	0.455	0.077	0.168	2.0	20.00
1643	40.7977	116.9182	-208.7	716	QF	1	0	0	0	80	35.3	1778	37	41	154	1.108	0.266	0.240	1.9	20.00
1644	40.7977	116.9188	-208.9	709	QF	1	0	0	0	66	35.2	1793	21	89	122	4.238	0.730	0.172	1.9	20.00
1645	40.7977	116.9193	-209.8	699	QF	0	0	0	0	60	35.0	1876	37	88	122	2.378	0.721	0.303	1.8	20.00
1646	40.7976	116.9199	-208.8	684	QF	0	0	1	0	69	34.8	1788	43	1	158	0.023	0.006	0.272	1.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1647	40.7976	116.9205	-208.6	695	QF	0	0	0	0	72	35.0	1794	41	39	133	0.951	0.293	0.308	1.7	20.00
1648	40.7976	116.9210	-208.8	687	QF	0	0	0	0	76	34.9	1776	46	82	36	1.783	2.278	1.278	1.6	20.00
1649	40.7976	116.9216	-208.1	692	QF	0	0	0	0	63	35.0	1786	23	74	140	3.217	0.529	0.164	1.5	20.00
1650	40.7976	116.9222	-208.6	701	QF	1	0	0	0	77	35.1	1758	35	56	125	1.600	0.448	0.280	1.5	20.00
1651	40.7975	116.9227	-209.8	701	QF	1	0	0	0	72	35.1	1842	33	52	163	1.576	0.319	0.202	1.3	20.00
1652	40.7975	116.9233	-212.2	691	QF	0	0	0	0	64	34.9	2037	47	93	113	1.979	0.823	0.416	1.3	20.00
1653	40.7975	116.9238	-214.1	689	QF	0	0	1	0	72	34.9	1902	40	3	187	0.075	0.016	0.214	1.2	20.00
1654	40.7975	116.9244	-214.3	673	QF	0	0	0	0	65	34.7	1976	49	76	139	1.551	0.547	0.353	1.2	20.00
1655	40.7975	116.9250	-214.3	656	QF	0	0	0	0	72	45.0	2006	45	76	134	1.689	0.567	0.336	1.1	20.00
1656	40.7974	116.9255	-213.2	661	QF	0	0	0	0	75	45.1	2047	47	79	137	1.681	0.577	0.343	1.2	20.00
1657	40.7974	116.9261	-211.4	648	QF	0	0	0	0	64	44.9	2079	42	61	160	1.452	0.381	0.262	1.1	20.00
1658	40.7974	116.9267	-210.3	616	QF	0	0	0	0	67	44.3	2059	54	52	161	0.963	0.323	0.335	1.1	20.00
1659	40.7974	116.9272	-208.8	600	QF	0	0	0	0	65	44.0	2046	36	110	140	3.056	0.786	0.257	1.1	20.00
1660	40.7974	116.9278	-208.2	587	QF	0	0	0	0	63	43.8	2114	52	53	160	1.019	0.331	0.325	1.1	20.00
1661	40.7973	116.9284	-207.7	572	QF	0	0	0	0	62	43.5	2130	40	67	160	1.675	0.419	0.250	1.2	20.00
1662	40.7973	116.9289	-206.3	543	QF	0	0	0	0	65	42.9	2056	46	64	155	1.391	0.413	0.297	1.1	20.00
1663	40.7973	116.9295	-207.0	532	QF	0	0	0	0	57	42.7	1986	45	72	154	1.600	0.468	0.292	1.3	20.00
1664	40.7973	116.9300	-206.4	505	QF	0	0	0	0	69	42.1	2083	36	69	195	1.917	0.354	0.185	1.3	20.00
1665	40.7973	116.9306	-205.8	498	QF	0	0	0	0	74	42.0	2047	42	69	193	1.643	0.358	0.218	1.2	20.00
1666	40.7972	116.9312	-206.0	496	QF	0	0	0	0	64	41.9	2222	44	116	157	2.636	0.739	0.280	1.2	20.00
1667	40.7972	116.9317	-206.1	493	QF	0	0	0	0	66	41.9	2193	52	54	193	1.038	0.280	0.269	1.2	20.00
1668	40.7972	116.9323	-207.5	487	QF	0	0	0	0	63	41.7	2192	49	89	192	1.816	0.464	0.255	1.1	20.00
1669	40.7972	116.9329	-208.8	469	QF	0	0	0	0	64	41.4	2314	59	96	185	1.627	0.519	0.319	1.0	20.00
1670	40.7972	116.9334	-210.0	456	QF	0	0	0	0	65	41.1	2231	44	75	201	1.705	0.373	0.219	1.0	20.00
1671	40.7971	116.9340	-211.2	445	QF	0	0	0	0	68	40.8	2227	53	60	239	1.132	0.251	0.222	1.1	20.00
1672	40.7971	116.9346	-212.2	433	QF	0	0	0	0	70	40.6	2202	50	71	222	1.420	0.320	0.225	1.1	20.00
1673	40.7971	116.9351	-213.3	428	QF	0	0	0	0	68	40.4	2192	61	105	156	1.721	0.673	0.391	1.2	20.00
1674	40.7971	116.9357	-215.5	418	QF	0	0	0	0	66	42.7	2250	52	120	193	2.308	0.622	0.269	1.1	20.00
1675	40.7970	116.9362	-216.9	412	QF	0	0	0	0	61	42.6	2222	43	127	200	2.953	0.635	0.215	1.2	20.00
1676	40.7970	116.9368	-218.1	399	QF	0	0	0	0	59	42.3	2199	42	81	229	1.929	0.354	0.183	1.1	20.00
1677	40.7970	116.9374	-219.4	389	QF	0	0	0	0	60	42.0	2065	36	133	133	3.694	1.000	0.271	1.1	20.00
1678	40.7970	116.9379	-219.5	383	QF	0	0	0	0	63	41.9	2177	55	102	197	1.855	0.518	0.279	1.0	20.00
1679	40.7970	116.9385	-219.7	380	QF	0	0	0	0	64	41.8	2077	51	112	154	2.196	0.727	0.331	1.0	20.00
1680	40.7969	116.9391	-220.3	381	QF	0	0	0	0	65	41.8	2021	42	89	170	2.119	0.524	0.247	1.1	20.00
1681	40.7969	116.9396	-219.9	383	QF	0	0	1	0	60	41.9	2032	52	27	227	0.519	0.119	0.229	1.1	20.00
1682	40.7969	116.9402	-218.4	389	QF	0	0	0	0	61	42.0	2020	41	172	147	4.195	1.170	0.279	1.2	20.00
1683	40.7969	116.9408	-217.0	394	QF	0	0	0	0	65	42.1	2034	65	42	185	0.646	0.227	0.351	1.3	20.00
1684	40.7969	116.9413	-216.4	399	QF	0	0	0	0	68	42.3	2028	43	132	155	3.070	0.852	0.277	1.4	20.00
1685	40.7968	116.9419	-215.2	405	QF	0	0	0	0	67	42.4	1960	59	41	166	0.695	0.247	0.355	1.5	20.00
1686	40.7968	116.9424	-214.2	412	QF	0	0	0	0	63	42.6	2062	58	69	191	1.190	0.361	0.304	1.6	20.00
1687	40.7968	116.9430	-213.0	419	QF	0	0	0	0	67	42.8	1983	39	73	217	1.872	0.336	0.180	1.7	20.00
1688	40.7968	116.9436	-212.1	425	QF	0	0	0	0	68	42.9	1985	40	107	140	2.675	0.764	0.286	1.9	20.00
1689	40.7968	116.9441	-210.9	429	QF	0	0	0	0	64	43.0	2063	42	56	215	1.333	0.260	0.195	1.9	20.00
1690	40.7967	116.9447	-210.1	427	QF	0	0	0	0	68	43.0	2064	45	90	174	2.000	0.517	0.259	1.9	20.00
1691	40.7967	116.9453	-208.6	433	QF	0	0	0	0	62	43.1	1967	53	72	159	1.358	0.453	0.333	2.0	20.00
1692	40.7967	116.9458	-207.7	436	QF	0	0	0	0	67	43.2	2102	51	81	201	1.588	0.403	0.254	2.0	20.00
1693	40.7967	116.9464	-207.3	440	QF	0	0	0	0	56	49.2	2067	43	77	190	1.791	0.405	0.226	1.9	20.00
1694	40.7967	116.9470	-206.3	447	QF	0	0	0	0	60	49.4	2160	39	119	175	3.051	0.680	0.223	2.0	20.00
1695	40.7966	116.9475	-205.7	448	QF	0	0	0	0	62	49.4	2033	49	65	162	1.327	0.401	0.302	2.1	20.00
1696	40.7966	116.9481	-206.6	445	QF	0	0	0	0	72	49.4	2014	46	40	221	0.870	0.181	0.208	2.2	20.00
1697	40.7966	116.9486	-205.7	452	QF	0	0	0	0	51	49.5	2119	38	150	165	3.947	0.909	0.230	2.3	20.00
1698	40.7966	116.9492	-206.3	456	QF	0	0	0	0	63	49.6	2150	48	101	157	2.104	0.643	0.306	2.3	20.00
1699	40.7965	116.9498	-206.3	459	QF	0	0	0	0	64	49.7	2071	41	48	212	1.171	0.226	0.193	2.4	20.00
1700	40.7965	116.9503	-207.4	465	QF	0	0	0	0	58	49.9	2191	60	54	190	0.900	0.284	0.316	2.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1701	40.7965	116.9509	-207.2	467	QF	0	0	1	0	61	49.9	2101	51	23	224	0.451	0.103	0.228	2.6	20.00
1702	40.7965	116.9515	-206.4	468	QF	0	0	0	0	75	50.0	2145	44	50	211	1.136	0.237	0.209	2.6	20.00
1703	40.7965	116.9520	-206.9	470	QF	0	0	0	0	65	50.0	2070	61	41	173	0.672	0.237	0.353	2.7	20.00
1704	40.7964	116.9526	-206.6	462	QF	0	0	0	0	67	49.8	2070	43	53	187	1.233	0.283	0.230	2.8	20.00
1705	40.7964	116.9532	-206.0	460	QF	0	0	0	0	60	49.7	2086	51	52	224	1.020	0.232	0.228	2.9	20.00
1706	40.7964	116.9537	-206.9	453	QF	0	0	0	0	65	49.5	2105	53	44	185	0.830	0.238	0.286	2.9	20.00
1707	40.7964	116.9543	-206.4	449	QF	0	0	0	0	68	49.4	2124	46	66	202	1.435	0.327	0.228	3.0	20.00
1708	40.7964	116.9548	-207.0	447	QF	0	0	0	0	67	49.4	2166	58	53	189	0.914	0.280	0.307	3.0	20.00
1709	40.7963	116.9554	-205.8	451	QF	0	0	0	0	62	49.5	2160	69	49	204	0.710	0.240	0.338	2.9	20.00
1710	40.7963	116.9560	-205.7	453	QF	0	0	0	0	66	49.6	2194	57	55	201	0.965	0.274	0.284	2.9	20.00
1711	40.7963	116.9565	-205.6	448	QF	0	0	0	0	64	49.4	2234	59	61	229	1.034	0.266	0.258	2.9	20.00
1712	40.7963	116.9571	-204.0	441	QF	0	0	0	0	64	51.8	2195	58	58	186	1.000	0.312	0.312	2.9	20.00
1713	40.7963	116.9577	-204.2	436	QF	0	0	0	0	69	51.7	2222	44	95	169	2.159	0.562	0.260	2.9	20.00
1714	40.7962	116.9582	-203.5	437	QF	0	0	0	0	58	51.7	2220	51	121	159	2.373	0.761	0.321	2.8	20.00
1715	40.7962	116.9588	-202.6	440	QF	0	0	0	0	58	51.8	2280	58	68	205	1.172	0.332	0.283	2.9	20.00
1716	40.7962	116.9594	-202.9	445	QF	0	0	0	0	61	51.9	2214	51	81	207	1.588	0.391	0.246	3.0	20.00
1717	40.7962	116.9599	-201.5	446	QF	0	0	0	0	59	52.0	2252	69	38	204	0.551	0.186	0.338	3.1	20.00
1718	40.7962	116.9605	-199.7	443	QF	0	0	0	0	69	51.9	2284	71	59	202	0.831	0.292	0.351	3.0	20.00
1719	40.7961	116.9610	-200.5	443	QF	0	0	0	0	62	51.9	2281	55	51	210	0.927	0.243	0.262	3.1	20.00
1720	40.7961	116.9616	-198.9	443	QF	0	0	0	0	64	51.9	2258	53	40	236	0.755	0.169	0.225	3.2	20.00
1721	40.7961	116.9622	-200.3	444	QF	0	0	0	0	63	51.9	2215	40	95	219	2.375	0.434	0.183	3.2	20.00
1722	40.7961	116.9627	-196.4	445	QF	0	0	0	0	65	52.0	2329	48	128	177	2.667	0.723	0.271	3.3	20.00
1723	40.7961	116.9633	-195.7	447	QF	0	0	0	0	61	52.0	2276	47	83	215	1.766	0.386	0.219	3.3	20.00
1724	40.7960	116.9639	-194.9	445	QF	0	0	0	0	59	52.0	2230	44	68	211	1.545	0.322	0.209	3.2	20.00
1725	40.7960	116.9644	-193.7	441	QF	0	0	0	0	65	51.8	2258	55	100	195	1.818	0.513	0.282	3.2	20.00
1726	40.7960	116.9650	-192.4	435	QF	0	0	1	0	63	51.7	2309	55	23	252	0.418	0.091	0.218	3.2	20.00
1727	40.7960	116.9656	-190.6	428	QF	0	0	0	0	66	51.5	2253	58	43	214	0.741	0.201	0.271	3.2	20.00
1728	40.7959	116.9661	-188.7	423	QF	0	0	0	0	59	51.3	2237	46	116	181	2.522	0.641	0.254	3.3	20.00
1729	40.7959	116.9667	-187.4	415	QF	0	0	1	0	59	51.1	2336	63	0	265	0.016	0.004	0.238	3.3	20.00
1730	40.7959	116.9672	-185.5	414	QF	0	0	0	0	59	51.1	2323	43	76	241	1.767	0.315	0.178	3.3	20.00
1731	40.7959	116.9678	-181.2	417	QF	0	0	0	0	57	54.2	2290	50	68	231	1.360	0.294	0.216	3.3	20.00
1732	40.7959	116.9684	-182.5	421	QF	0	0	0	0	61	54.3	2223	62	84	183	1.355	0.459	0.339	3.2	20.00
1733	40.7958	116.9689	-182.1	422	QF	0	0	0	0	56	54.4	2227	58	82	208	1.414	0.394	0.279	3.1	20.00
1734	40.7958	116.9695	-179.7	423	QF	0	0	0	0	68	54.4	2180	46	105	167	2.283	0.629	0.275	3.1	20.00
1735	40.7958	116.9701	-178.1	423	QF	0	0	0	0	72	54.4	2131	57	54	214	0.947	0.252	0.266	3.0	20.00
1736	40.7958	116.9706	-176.4	423	QF	0	0	0	0	63	54.4	2183	57	57	209	1.000	0.273	0.273	3.0	20.00
1737	40.7958	116.9712	-173.5	425	QF	0	0	0	0	61	54.5	2099	49	73	207	1.490	0.353	0.237	2.9	20.00
1738	40.7957	116.9717	-170.7	414	QF	0	0	0	0	64	54.1	2172	49	66	202	1.347	0.327	0.243	2.9	20.00
1739	40.7957	116.9723	-167.5	403	QF	0	0	0	0	60	53.8	2218	58	60	211	1.034	0.284	0.275	3.0	20.00
1740	40.7957	116.9729	-166.6	400	QF	0	0	0	0	70	53.7	2155	42	31	241	0.738	0.129	0.174	3.1	20.00
1741	40.7957	116.9733	-164.8	393	QF	0	0	0	0	65	53.5	2193	40	204	130	5.100	1.569	0.308	3.2	20.00
1742	40.7957	116.9737	-163.3	384	QF	0	0	1	0	63	53.2	2188	73	23	223	0.315	0.103	0.327	3.2	20.00
1743	40.7957	116.9741	-162.3	376	QF	0	0	0	0	62	52.9	2198	64	90	196	1.406	0.459	0.327	3.3	20.00
1744	40.7957	116.9745	-160.2	376	QF	0	0	0	0	60	52.9	2119	51	83	216	1.627	0.384	0.236	3.4	20.00
1745	40.7957	116.9749	-159.4	378	QF	0	0	0	0	63	53.0	2189	47	130	164	2.766	0.793	0.287	3.5	20.00
1746	40.7958	116.9753	-159.1	367	QF	0	0	0	0	64	52.6	2117	36	133	180	3.694	0.739	0.200	3.7	20.00
1747	40.7958	116.9757	-157.4	353	QF	0	0	1	0	66	52.1	2235	59	11	280	0.186	0.039	0.211	3.9	20.00
1748	40.7958	116.9762	-159.1	344	QF	0	0	0	0	61	51.9	2195	58	38	260	0.655	0.146	0.223	4.0	20.00
1749	40.7958	116.9766	-160.9	338	QA1	0	0	0	0	63	51.6	2252	64	123	188	1.922	0.654	0.340	4.2	20.00
1750	40.7958	116.9770	-162.8	335	QA1	0	0	0	0	60	49.0	2249	46	119	220	2.587	0.541	0.209	4.4	20.00
1751	40.7958	116.9774	-164.7	333	QA1	0	0	0	0	74	48.9	2198	40	85	254	2.125	0.335	0.157	4.6	20.00
1752	40.7958	116.9778	-166.4	330	QA1	0	0	0	0	60	48.8	2286	60	52	235	0.867	0.221	0.255	4.6	20.00
1753	40.7958	116.9782	-168.6	329	QA1	0	0	1	0	65	48.8	2173	62	24	218	0.387	0.110	0.284	4.7	20.00
1754	40.7958	116.9786	-171.7	332	QA1	0	0	0	0	62	48.9	2224	62	53	241	0.855	0.220	0.257	4.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1755	40.7958	116.9790	-174.1	339	QA1	0	0	0	0	63	49.1	2180	58	73	220	1.259	0.332	0.264	4.9	20.00
1756	40.7959	116.9794	-177.1	352	QA1	0	0	0	0	68	49.5	2261	67	86	193	1.284	0.446	0.347	4.9	20.00
1757	40.7959	116.9798	-180.7	361	QA1	0	0	0	0	71	49.8	2164	64	32	215	0.500	0.149	0.298	4.9	20.00
1758	40.7959	116.9803	-184.8	370	QA1	0	0	0	0	61	50.1	2250	58	106	220	1.828	0.482	0.264	4.9	20.00
1759	40.7959	116.9807	-186.7	375	QA1	0	0	0	0	69	50.2	2232	54	97	193	1.796	0.503	0.280	5.0	20.00
1760	40.7959	116.9811	-190.3	381	QA1	0	0	0	0	53	50.4	2338	71	92	215	1.296	0.428	0.330	5.2	20.00
1761	40.7959	116.9815	-193.2	387	QA1	0	0	1	0	57	50.6	2258	76	25	222	0.329	0.113	0.342	5.4	20.00
1762	40.7959	116.9819	-196.3	388	QA1	0	0	1	0	67	50.6	2232	66	-26	252	-0.394	-0.103	0.262	5.5	20.00
1763	40.7959	116.9823	-198.8	386	QA1	0	0	0	0	74	50.6	2124	53	73	200	1.377	0.365	0.265	5.8	20.00
1764	40.7959	116.9827	-201.9	388	QA1	0	0	0	0	63	50.6	2186	54	59	206	1.093	0.286	0.262	6.1	20.00
1765	40.7959	116.9831	-205.6	390	QA1	0	0	0	0	59	50.7	2157	49	76	220	1.551	0.345	0.223	6.3	20.00
1766	40.7960	116.9835	-207.7	396	QA1	0	0	0	0	62	50.9	2207	52	75	226	1.442	0.332	0.230	6.5	20.00
1767	40.7960	116.9839	-210.8	402	QA1	0	0	0	0	67	51.0	2266	63	54	228	0.857	0.237	0.276	6.7	20.00
1768	40.7960	116.9844	-212.0	404	QA1	0	0	0	0	71	51.1	2212	58	35	221	0.603	0.158	0.262	7.0	20.00
1769	40.7960	116.9848	-214.4	404	QA1	0	0	0	0	64	50.0	2232	51	74	227	1.451	0.326	0.225	7.3	20.00
1770	40.7960	116.9852	-216.8	403	QA1	0	0	0	0	70	49.9	2275	51	100	209	1.961	0.478	0.244	7.5	20.00
1771	40.7960	116.9856	-217.2	400	QA1	0	0	0	0	64	49.9	2221	55	91	202	1.655	0.450	0.272	7.7	20.00
1772	40.7960	116.9860	-220.0	389	QA1	0	0	0	0	69	49.5	2222	61	81	195	1.328	0.415	0.313	7.9	20.00
1773	40.7960	116.9864	-220.0	382	QA1	0	0	0	0	67	49.3	2192	56	100	169	1.786	0.592	0.331	7.9	20.00
1774	40.7960	116.9868	-222.4	381	QA1	0	0	0	0	61	49.3	2254	57	93	195	1.632	0.477	0.292	8.2	20.00
1775	40.7960	116.9872	-225.3	379	QA1	0	0	0	0	62	49.2	2241	51	77	194	1.510	0.397	0.263	8.4	20.00
1776	40.7961	116.9876	-226.7	384	QA1	0	0	0	0	67	49.4	2231	47	55	220	1.170	0.250	0.214	8.7	20.00
1777	40.7961	116.9880	-228.3	395	QA1	0	0	0	0	69	49.7	2210	42	145	170	3.452	0.853	0.247	8.9	20.00
1778	40.7961	116.9885	-229.6	406	QA1	0	0	0	0	73	50.0	2254	62	74	192	1.194	0.385	0.323	9.1	20.00
1779	40.7961	116.9889	-231.2	418	QA1	0	0	0	0	65	50.4	2219	53	73	218	1.377	0.335	0.243	9.2	20.00
1780	40.7961	116.9893	-231.7	432	QA1	0	0	0	0	62	50.8	2301	41	118	200	2.878	0.590	0.205	9.5	20.00
1781	40.7961	116.9897	-232.8	443	QA1	0	0	0	0	73	51.1	2243	35	110	198	3.143	0.556	0.177	9.8	20.00
1782	40.7961	116.9901	-233.9	453	QA1	0	0	0	0	59	51.4	2255	55	75	225	1.364	0.333	0.244	10.1	20.00
1783	40.7961	116.9905	-235.2	464	QA1	0	0	0	0	62	51.7	2281	45	124	187	2.756	0.663	0.241	10.4	20.00
1784	40.7961	116.9909	-235.3	467	QA1	0	0	0	0	59	51.7	2244	69	37	226	0.536	0.164	0.305	10.6	20.00
1785	40.7961	116.9913	-236.8	468	QA1	0	0	0	0	65	51.8	2235	29	90	213	3.103	0.423	0.136	10.9	20.00
1786	40.7962	116.9917	-237.5	464	QA1	0	0	0	0	64	51.7	2193	48	111	161	2.313	0.689	0.298	11.1	20.00
1787	40.7962	116.9921	-238.6	463	QA1	0	0	0	0	71	51.6	2248	44	133	156	3.023	0.853	0.282	11.4	20.00
1788	40.7962	116.9925	-239.7	468	QA1	0	0	0	0	62	53.5	2236	55	68	198	1.236	0.343	0.278	11.7	20.00
1789	40.7962	116.9930	-240.5	485	QA1	0	0	0	0	69	54.0	2303	41	145	168	3.537	0.863	0.244	11.9	20.00
1790	40.7962	116.9934	-243.1	494	QA1	0	0	0	0	62	54.3	2189	63	51	184	0.810	0.277	0.342	11.9	20.00
1791	40.7962	116.9938	-244.1	490	QA1	0	0	0	0	66	54.1	2314	69	47	229	0.681	0.205	0.301	11.7	20.00
1792	40.7962	116.9942	-244.3	484	QA1	0	0	0	0	68	54.0	2261	61	54	187	0.885	0.289	0.326	11.9	20.00
1793	40.7962	116.9946	-245.7	481	QA1	0	0	0	0	57	53.9	2252	48	105	186	2.188	0.565	0.258	12.0	20.00
1794	40.7962	116.9950	-246.4	480	QA1	0	0	0	0	60	53.9	2248	49	136	142	2.776	0.958	0.345	12.0	20.00
1795	40.7962	116.9954	-246.8	480	QA1	0	0	0	0	62	53.9	2216	45	102	178	2.267	0.573	0.253	12.0	20.00
1796	40.7963	116.9958	-244.3	474	QA1	0	0	0	0	66	53.7	2094	44	49	207	1.114	0.237	0.213	11.8	20.00
1797	40.7963	116.9962	-247.3	462	QA1	0	0	0	0	63	53.4	2066	39	89	191	2.282	0.466	0.204	11.8	20.00
1798	40.7963	116.9966	-246.7	468	QA1	0	0	0	0	72	53.5	2095	40	113	128	2.825	0.883	0.313	11.6	20.00
1799	40.7963	116.9971	-247.1	470	QA1	0	0	0	0	66	53.6	2196	52	35	206	0.673	0.170	0.252	11.6	20.00
1800	40.7963	116.9975	-247.1	458	QA1	0	0	0	0	64	53.3	2112	33	133	134	4.030	0.993	0.246	11.4	20.00
1801	40.7963	116.9979	-245.4	445	QA1	0	0	0	0	64	52.9	2121	53	69	177	1.302	0.390	0.299	11.2	20.00
1802	40.7963	116.9983	-245.1	440	QA1	0	0	0	0	64	52.7	2168	45	84	212	1.867	0.396	0.212	11.2	20.00
1803	40.7963	116.9987	-245.0	437	QA1	0	0	0	0	66	52.6	2206	44	100	193	2.273	0.518	0.228	11.3	20.00
1804	40.7963	116.9991	-246.8	424	QA1	0	0	0	0	61	52.3	2243	42	166	181	3.952	0.917	0.232	11.2	20.00
1805	40.7963	116.9995	-246.5	415	QA1	0	0	0	0	60	52.0	2055	42	57	181	1.357	0.315	0.232	11.2	20.00
1806	40.7964	116.9999	-246.7	408	QA1	0	0	1	0	63	51.8	2120	54	16	226	0.296	0.071	0.239	11.2	20.00
1807	40.7964	117.0003	-246.9	403	QA1	0	0	0	0	58	52.4	2145	36	133	138	3.694	0.964	0.261	11.4	20.00
1808	40.7964	117.0007	-245.3	403	QA1	0	0	1	0	71	52.4	2150	58	12	244	0.207	0.049	0.238	11.6	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1809	40.7964	117.0012	-246.0	408	QA1	0	0	1	0	60	52.5	2123	67	11	202	0.164	0.054	0.332	11.7	20.00
1810	40.7964	117.0016	-245.8	422	QA1	0	0	0	0	62	52.9	2185	52	70	201	1.346	0.348	0.259	11.8	20.00
1811	40.7964	117.0020	-245.9	424	QA1	0	0	0	0	66	53.0	2121	47	52	217	1.106	0.240	0.217	11.8	20.00
1812	40.7964	117.0024	-247.5	434	QA1	0	0	1	0	62	53.3	2078	61	7	222	0.115	0.032	0.275	11.7	20.00
1813	40.7964	117.0028	-247.1	447	QA1	0	0	0	0	64	53.7	2082	51	58	175	1.137	0.331	0.291	11.5	20.00
1814	40.7964	117.0032	-246.2	448	QA1	0	0	0	0	73	53.7	2179	50	74	182	1.480	0.407	0.275	11.4	20.00
1815	40.7964	117.0036	-246.2	441	QA1	0	0	0	0	65	53.5	2090	49	52	206	1.061	0.252	0.238	11.3	20.00
1816	40.7965	117.0040	-246.2	429	QA1	0	0	0	0	60	53.1	2082	52	48	199	0.923	0.241	0.261	11.1	20.00
1817	40.7965	117.0044	-247.2	427	QA1	0	0	0	0	72	53.1	2038	34	98	164	2.882	0.598	0.207	10.9	20.00
1818	40.7965	117.0048	-246.3	425	QA1	0	0	0	0	61	53.0	1998	30	90	176	3.000	0.511	0.170	10.8	20.00
1819	40.7965	117.0053	-248.0	428	QA1	0	0	0	0	59	53.1	1961	41	67	168	1.634	0.399	0.244	10.6	20.00
1820	40.7965	117.0057	-248.3	433	QA1	0	0	0	0	66	53.3	1990	37	28	192	0.757	0.146	0.193	10.4	20.00
1821	40.7965	117.0061	-249.8	426	QA1	0	0	0	0	73	53.1	2047	47	49	179	1.043	0.274	0.263	10.3	20.00
1822	40.7965	117.0065	-248.8	418	QA1	0	0	1	0	66	52.8	2077	57	20	213	0.351	0.094	0.268	10.1	20.00
1823	40.7965	117.0069	-249.0	420	QA1	0	0	0	0	54	52.9	2107	47	101	205	2.149	0.493	0.229	10.0	20.00
1824	40.7965	117.0073	-250.4	422	QA1	0	0	0	0	75	52.9	1950	30	99	165	3.300	0.600	0.182	10.0	20.00
1825	40.7965	117.0077	-248.3	422	QA1	0	0	0	0	62	52.9	1966	39	57	169	1.462	0.337	0.231	9.8	20.00
1826	40.7966	117.0081	-249.4	426	QA1	0	0	0	0	68	48.4	1981	43	55	187	1.279	0.294	0.230	9.6	20.00
1827	40.7966	117.0085	-248.1	423	QA1	0	0	0	0	72	48.3	2044	35	97	187	2.771	0.519	0.187	9.5	20.00
1828	40.7966	117.0089	-249.6	413	QA1	0	0	0	0	68	48.0	1957	47	55	173	1.170	0.318	0.272	9.3	20.00
1829	40.7966	117.0094	-250.7	416	QA1	0	0	0	0	60	48.1	1866	35	41	199	1.171	0.206	0.176	9.2	20.00
1830	40.7966	117.0098	-251.5	405	QA1	0	0	0	0	62	47.8	1757	32	82	136	2.563	0.603	0.235	9.0	20.00
1831	40.7966	117.0102	-250.5	395	QA1	0	0	0	0	62	47.5	1591	40	46	108	1.150	0.426	0.370	8.8	20.00
1832	40.7966	117.0106	-250.7	395	QA1	0	0	0	0	59	47.5	1573	15	103	115	6.867	0.896	0.130	8.6	20.00
1833	40.7966	117.0110	-250.6	391	QA1	0	0	1	0	59	47.4	1567	35	23	139	0.657	0.165	0.252	8.4	20.00
1834	40.7966	117.0114	-251.0	389	QA1	0	0	0	0	67	47.3	1448	16	52	118	3.250	0.441	0.136	8.1	20.00
1835	40.7966	117.0118	-252.0	388	QA1	0	0	1	0	61	47.3	1519	33	-9	145	-0.273	-0.062	0.228	7.9	20.00
1836	40.7967	117.0122	-250.9	384	QA1	0	0	0	0	63	47.2	1566	33	69	124	2.091	0.556	0.266	7.7	20.00
1837	40.7967	117.0126	-250.1	380	QA1	0	0	1	0	64	47.1	1480	19	24	156	1.263	0.154	0.122	7.6	20.00
1838	40.7967	117.0130	-251.8	374	QA1	0	0	0	0	66	46.9	1502	18	51	136	2.833	0.375	0.132	7.5	20.00
1839	40.7967	117.0134	-250.0	373	QA1	0	0	0	0	62	46.9	1441	20	53	123	2.650	0.431	0.163	7.4	20.00
1840	40.7967	117.0139	-249.9	373	QA1	0	0	1	0	65	46.9	1416	32	5	117	0.156	0.043	0.274	7.4	20.00
1841	40.7967	117.0143	-250.6	375	QA1	0	0	0	0	61	47.0	1404	23	40	134	1.739	0.299	0.172	7.5	20.00
1842	40.7967	117.0147	-251.1	385	QA1	0	0	0	0	63	47.2	1562	35	33	131	0.943	0.252	0.267	7.7	20.00
1843	40.7967	117.0151	-251.3	385	QA1	0	0	0	0	57	47.2	1612	20	36	159	1.800	0.226	0.126	7.8	20.00
1844	40.7967	117.0155	-250.2	391	QA1	0	0	0	0	63	47.4	1644	35	105	119	3.000	0.882	0.294	8.0	20.00
1845	40.7967	117.0159	-250.3	398	QA1	0	0	0	0	63	47.0	1689	31	69	131	2.226	0.527	0.237	8.2	20.00
1846	40.7968	117.0163	-250.7	398	QA1	0	0	0	0	59	47.0	1669	30	72	137	2.400	0.526	0.219	8.5	20.00
1847	40.7968	117.0167	-251.7	392	QA1	0	0	0	0	54	46.8	1614	34	38	143	1.118	0.266	0.238	8.8	20.00
1848	40.7968	117.0171	-250.6	389	QA1	0	0	0	0	59	46.7	1640	33	38	145	1.152	0.262	0.228	9.0	20.00
1849	40.7968	117.0175	-250.5	391	QA1	0	0	0	0	65	46.8	1536	26	36	132	1.385	0.273	0.197	9.1	20.00
1850	40.7968	117.0180	-250.5	380	QYA	0	0	1	0	52	46.5	1518	34	12	154	0.353	0.078	0.221	9.3	20.00
1851	40.7968	117.0184	-251.0	377	QYA	0	0	1	0	66	46.4	1525	39	-7	122	-0.179	-0.057	0.320	9.6	20.00
1852	40.7968	117.0188	-249.9	378	QYA	0	0	1	0	64	46.4	1443	18	15	142	0.833	0.106	0.127	9.8	20.00
1853	40.7968	117.0192	-251.5	381	QYA	0	0	0	0	69	46.5	1470	31	39	109	1.258	0.358	0.284	10.0	20.00
1854	40.7968	117.0196	-252.2	382	QYA	0	0	0	0	65	46.5	1526	18	82	123	4.556	0.667	0.146	10.0	20.00
1855	40.7968	117.0200	-253.5	391	QYA	0	0	0	0	57	46.8	1561	28	54	129	1.929	0.419	0.217	10.1	20.00
1856	40.7969	117.0204	-254.6	397	QYA	0	0	0	0	78	46.9	1612	30	57	138	1.900	0.413	0.217	10.3	20.00
1857	40.7969	117.0208	-254.8	397	QYA	0	0	0	0	68	46.9	1551	16	51	144	3.188	0.354	0.111	10.5	20.00
1858	40.7969	117.0212	-255.0	394	QYA	0	0	1	0	63	46.8	1565	32	5	171	0.156	0.029	0.187	10.4	20.00
1859	40.7969	117.0216	-255.7	394	QYA	0	0	0	0	69	46.8	1606	29	33	149	1.138	0.221	0.195	10.5	20.00
1860	40.7969	117.0221	-257.8	398	QYA	0	0	0	0	62	47.0	1698	35	80	112	2.286	0.714	0.313	10.6	20.00
1861	40.7969	117.0225	-259.0	397	QYA	0	0	0	0	67	46.9	1782	30	52	157	1.733	0.331	0.191	10.7	20.00
1862	40.7969	117.0229	-259.1	397	QYA	0	0	0	0	68	46.9	1825	42	32	166	0.762	0.193	0.253	10.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1863	40.7969	117.0233	-257.8	397	QYA	0	0	0	0	60	46.9	1782	36	31	173	0.861	0.179	0.208	11.1	20.00
1864	40.7969	117.0237	-258.7	401	QYA	0	0	0	0	63	50.0	1772	27	61	157	2.259	0.389	0.172	11.3	20.00
1865	40.7969	117.0241	-258.8	407	QYA	0	0	0	0	56	50.1	1729	35	40	173	1.143	0.231	0.202	11.3	20.00
1866	40.7970	117.0245	-258.2	404	QYA	0	0	1	0	63	50.0	1599	35	15	137	0.429	0.109	0.255	11.1	20.00
1867	40.7970	117.0249	-257.1	407	QYA	0	0	1	0	60	50.1	1638	47	3	148	0.064	0.020	0.318	11.0	20.00
1868	40.7970	117.0253	-256.7	417	QYA	0	0	0	0	59	50.4	1740	30	80	139	2.667	0.576	0.216	11.1	20.00
1869	40.7970	117.0257	-256.8	422	QYA	0	0	0	0	65	50.6	1637	40	59	109	1.475	0.541	0.367	11.1	20.00
1870	40.7970	117.0262	-257.7	431	QYA	0	0	0	0	64	50.8	1787	55	46	125	0.836	0.368	0.440	11.1	20.00
1871	40.7970	117.0266	-256.5	444	QYA	0	0	0	0	69	51.2	1820	34	77	138	2.265	0.558	0.246	11.1	20.00
1872	40.7970	117.0270	-256.4	450	QYA	0	0	0	0	67	51.4	1739	40	36	150	0.900	0.240	0.267	11.2	20.00
1873	40.7970	117.0274	-256.5	453	QYA	0	0	0	0	64	51.4	1794	44	64	107	1.455	0.598	0.411	11.1	20.00
1874	40.7970	117.0278	-255.3	442	QYA	0	0	0	0	63	51.1	1740	23	67	155	2.913	0.432	0.148	11.1	20.00
1875	40.7970	117.0282	-254.5	429	QYA	0	0	1	0	61	50.8	1787	40	23	176	0.575	0.131	0.227	11.0	20.00
1876	40.7971	117.0286	-256.7	433	QYA	0	0	0	0	71	50.9	1812	37	79	135	2.135	0.585	0.274	11.0	20.00
1877	40.7971	117.0290	-256.9	423	QYA	0	0	0	0	65	50.6	1792	32	117	113	3.656	1.035	0.283	11.0	20.00
1878	40.7971	117.0294	-255.5	432	QYA	0	0	1	0	64	50.8	1805	45	7	167	0.156	0.042	0.269	11.0	20.00
1879	40.7971	117.0298	-254.7	432	QYA	0	0	0	0	65	50.8	1854	47	35	157	0.745	0.223	0.299	11.0	20.00
1880	40.7971	117.0302	-253.9	428	QYA	0	0	0	0	64	50.7	1826	45	30	131	0.667	0.229	0.344	11.0	20.00
1881	40.7971	117.0307	-254.6	421	QYA	0	0	1	0	64	50.5	1737	48	-3	157	-0.063	-0.019	0.306	11.0	20.00
1882	40.7971	117.0311	-254.0	420	QYA	0	0	0	0	69	50.5	1635	43	82	83	1.907	0.988	0.518	11.0	20.00
1883	40.7971	117.0315	-252.9	421	QYA	0	0	1	0	63	51.9	1754	39	17	165	0.436	0.103	0.236	11.0	20.00
1884	40.7971	117.0319	-255.6	421	QYA	0	0	0	0	54	51.9	1772	36	66	140	1.833	0.471	0.257	11.1	20.00
1885	40.7971	117.0323	-255.6	412	QYA	0	0	0	0	62	51.7	1647	26	75	136	2.885	0.551	0.191	11.2	20.00
1886	40.7972	117.0327	-252.8	400	QYA	0	0	1	0	61	51.3	1821	53	16	152	0.302	0.105	0.349	11.3	20.00
1887	40.7972	117.0331	-254.5	401	QYA	0	0	0	0	71	51.4	1705	34	52	124	1.529	0.419	0.274	11.3	20.00
1888	40.7972	117.0335	-253.1	406	QYA	0	0	0	0	54	51.5	1793	35	52	166	1.486	0.313	0.211	11.2	20.00
1889	40.7972	117.0339	-253.1	403	QYA	0	0	0	0	65	51.4	1778	39	42	162	1.077	0.259	0.241	11.1	20.00
1890	40.7972	117.0343	-251.9	418	QYA	0	0	0	0	65	51.8	1744	33	53	149	1.606	0.356	0.221	11.0	20.00
1891	40.7972	117.0348	-251.3	417	QYA	0	0	0	0	65	51.8	1728	46	48	133	1.043	0.361	0.346	10.8	20.00
1892	40.7972	117.0352	-250.7	422	QYA	0	0	0	0	59	52.0	1726	37	48	148	1.297	0.324	0.250	10.6	20.00
1893	40.7972	117.0356	-249.1	419	QYA	0	0	0	0	63	51.9	1715	24	32	161	1.333	0.199	0.149	10.4	20.00
1894	40.7972	117.0360	-248.8	419	QYA	0	0	1	0	64	51.9	1804	56	7	173	0.125	0.040	0.324	10.3	20.00
1895	40.7972	117.0364	-247.9	419	QYA	0	0	0	0	56	51.9	1701	29	72	140	2.483	0.514	0.207	10.1	20.00
1896	40.7973	117.0368	-247.0	426	QYA	0	0	0	0	63	52.1	1741	32	85	119	2.656	0.714	0.269	9.9	20.00
1897	40.7973	117.0372	-248.5	425	QYA	0	0	1	0	60	52.1	1791	40	26	164	0.650	0.159	0.244	9.8	20.00
1898	40.7973	117.0376	-245.4	422	QYA	0	0	0	0	59	52.0	1791	41	61	113	1.488	0.540	0.363	9.6	20.00
1899	40.7973	117.0380	-246.6	413	QYA	0	0	1	0	64	51.9	1828	30	18	187	0.600	0.096	0.160	9.5	20.00
1900	40.7973	117.0384	-245.0	419	QYA	0	0	0	0	65	51.9	1770	35	65	172	1.857	0.378	0.203	9.2	20.00
1901	40.7973	117.0389	-247.7	415	QYA	0	0	0	0	64	51.8	1811	38	75	134	1.974	0.560	0.284	9.0	20.00
1902	40.7973	117.0393	-246.2	410	QYA	0	0	0	0	61	50.4	1732	25	83	137	3.320	0.606	0.182	8.7	20.00
1903	40.7973	117.0397	-243.4	397	QYA	0	0	0	0	70	50.0	1912	45	64	165	1.422	0.388	0.273	8.5	20.00
1904	40.7973	117.0401	-247.1	396	QYA	0	0	1	0	58	50.0	1839	51	-41	223	-0.804	-0.184	0.229	8.3	20.00
1905	40.7973	117.0405	-247.3	395	QYA	0	0	0	0	56	49.9	1863	56	55	134	0.982	0.410	0.418	8.3	20.00
1906	40.7974	117.0409	-246.4	395	QYA	0	0	0	0	60	49.9	1897	36	73	179	2.028	0.408	0.201	8.1	20.00
1907	40.7974	117.0413	-245.9	392	QYA	0	0	0	0	67	49.8	1876	41	75	140	1.829	0.536	0.293	8.0	20.00
1908	40.7974	117.0417	-245.4	384	QYA	0	0	1	0	57	49.6	1876	48	17	200	0.354	0.085	0.240	7.6	20.00
1909	40.7974	117.0421	-246.6	378	QYA	0	0	0	0	63	49.4	1910	43	132	131	3.070	1.008	0.328	7.5	20.00
1910	40.7974	117.0425	-245.8	375	QYA	0	0	0	0	67	49.3	1854	49	49	152	1.000	0.322	0.322	7.4	20.00
1911	40.7974	117.0430	-247.4	379	QYA	0	0	0	0	65	49.4	1927	51	54	135	1.059	0.400	0.378	7.2	20.00
1912	40.7974	117.0434	-248.1	376	QYA	0	0	0	0	63	49.3	1921	51	76	141	1.490	0.539	0.362	7.0	20.00
1913	40.7974	117.0438	-247.6	362	QYA	0	0	0	0	66	48.9	2037	41	98	152	2.390	0.645	0.270	6.9	20.00
1914	40.7974	117.0442	-247.4	353	QYA	0	0	0	0	55	48.6	2092	54	117	117	2.167	1.000	0.462	6.8	20.00
1915	40.7974	117.0446	-247.6	350	QYA	0	0	0	0	60	48.6	2042	54	53	180	0.981	0.294	0.300	6.6	20.00
1916	40.7975	117.0450	-246.3	348	QYA	0	0	1	0	62	48.5	2001	75	-2	173	-0.027	-0.012	0.434	6.6	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1917	40.7975	117.0454	-248.4	356	QYA	0	0	0	0	71	48.7	1993	61	94	116	1.541	0.810	0.526	6.6	20.00
1918	40.7975	117.0458	-247.0	353	QYA	0	0	0	0	65	48.7	2034	44	66	159	1.500	0.415	0.277	6.6	20.00
1919	40.7975	117.0462	-247.5	354	QYA	0	0	0	0	65	48.7	1925	39	35	178	0.897	0.197	0.219	6.6	20.00
1920	40.7975	117.0466	-248.8	366	QYA	0	0	0	0	66	49.1	1945	47	43	182	0.915	0.236	0.258	6.6	20.00
1921	40.7975	117.0471	-250.4	372	QYA	0	0	0	0	62	45.0	2069	51	73	180	1.431	0.406	0.283	6.5	20.00
1922	40.7975	117.0475	-249.0	378	QYA	0	0	0	0	54	45.1	1940	34	146	139	4.294	1.050	0.245	6.5	20.00
1923	40.7975	117.0479	-251.2	380	QYA	0	0	0	0	61	45.2	1962	48	114	128	2.375	0.891	0.375	6.5	20.00
1924	40.7975	117.0483	-251.1	382	QYA	0	0	0	0	55	45.3	1944	44	104	126	2.364	0.825	0.349	6.5	20.00
1925	40.7975	117.0487	-251.2	385	QYA	0	0	0	0	66	45.3	1948	54	54	162	1.000	0.333	0.333	6.5	20.00
1926	40.7976	117.0491	-251.1	385	QYA	0	0	0	0	62	45.3	1787	40	77	132	1.925	0.583	0.303	6.5	20.00
1927	40.7976	117.0495	-251.3	380	QYA	0	0	0	0	58	45.2	1883	45	69	139	1.533	0.496	0.324	6.5	20.00
1928	40.7976	117.0499	-251.7	379	QYA	0	0	0	0	62	45.2	1745	41	89	130	2.171	0.685	0.315	6.4	20.00
1929	40.7976	117.0503	-252.7	375	QYA	0	0	1	0	69	45.1	1729	41	11	154	0.268	0.071	0.266	6.4	20.00
1930	40.7976	117.0507	-253.6	375	QYA	0	0	0	0	54	45.1	1828	35	107	137	3.057	0.781	0.255	6.4	20.00
1931	40.7976	117.0511	-253.8	374	QYA	0	0	0	0	71	45.0	1810	31	37	174	1.194	0.213	0.178	6.4	20.00
1932	40.7976	117.0516	-254.2	375	QYA	0	0	0	0	61	45.1	1849	42	84	162	2.000	0.519	0.259	6.5	20.00
1933	40.7976	117.0520	-253.6	375	QYA	0	0	0	0	59	45.1	1853	30	106	174	3.533	0.609	0.172	6.5	20.00
1934	40.7976	117.0524	-254.2	380	QYA	0	0	0	0	72	45.2	1818	42	52	145	1.238	0.359	0.290	6.5	20.00
1935	40.7976	117.0528	-253.8	385	QYA	0	0	0	0	67	45.3	1825	46	66	133	1.435	0.496	0.346	6.5	20.00
1936	40.7976	117.0534	-254.0	381	QYA	0	0	0	0	61	45.2	1930	45	41	186	0.911	0.220	0.242	6.3	20.00
1937	40.7976	117.0541	-254.1	381	QYA	0	0	0	0	61	45.2	1850	48	52	138	1.083	0.377	0.348	6.3	20.00
1938	40.7976	117.0547	-255.7	382	QYA	0	0	0	0	64	45.3	1925	58	57	150	0.983	0.380	0.387	6.1	20.00
1939	40.7976	117.0553	-255.3	389	QYA	0	0	1	0	56	45.4	1896	60	7	195	0.117	0.036	0.308	6.0	20.00
1940	40.7976	117.0560	-256.3	395	QYA	0	0	0	0	57	46.2	1830	42	103	127	2.452	0.811	0.331	5.9	20.00
1941	40.7976	117.0566	-256.2	398	QYA	0	0	1	0	65	46.3	1856	49	21	169	0.429	0.124	0.290	5.7	20.00
1942	40.7976	117.0572	-257.0	403	QYA	0	0	0	0	59	46.4	1834	39	105	137	2.692	0.766	0.285	5.7	20.00
1943	40.7976	117.0579	-260.5	415	QYA	0	0	0	0	68	46.7	1872	47	36	172	0.766	0.209	0.273	5.6	20.00
1944	40.7976	117.0585	-262.8	418	QYA	0	0	1	0	55	46.8	1828	47	15	200	0.319	0.075	0.235	5.6	20.00
1945	40.7976	117.0591	-264.2	417	QYA	0	0	0	0	58	46.8	1869	37	100	141	2.703	0.709	0.262	5.4	20.00
1946	40.7976	117.0598	-267.6	413	QYA	0	0	0	0	66	46.7	1808	51	75	125	1.471	0.600	0.408	5.3	20.00
1947	40.7976	117.0604	-267.2	416	QYA	0	0	0	0	66	46.7	1809	47	55	129	1.170	0.426	0.364	5.3	20.00
1948	40.7976	117.0610	-267.3	412	QYA	0	0	0	0	65	46.6	1877	41	109	118	2.659	0.924	0.347	5.1	20.00
1949	40.7976	117.0617	-268.4	414	QYA	0	0	0	0	61	46.7	1770	42	72	121	1.714	0.595	0.347	4.9	20.00
1950	40.7976	117.0623	-268.8	412	QYA	0	0	0	0	62	46.6	1839	48	77	145	1.604	0.531	0.331	4.8	20.00
1951	40.7975	117.0629	-267.4	412	QYA	0	0	0	0	59	46.6	1819	46	77	151	1.674	0.510	0.305	4.8	20.00
1952	40.7975	117.0636	-268.2	417	QYA	0	0	0	0	64	46.8	1859	41	94	153	2.293	0.614	0.268	4.8	20.00
1953	40.7975	117.0642	-269.0	424	QYA	0	0	0	0	67	46.9	1884	52	42	141	0.808	0.298	0.369	4.8	20.00
1954	40.7975	117.0648	-270.9	423	QYA	0	0	0	0	67	46.9	1826	47	67	144	1.426	0.465	0.326	4.7	20.00
1955	40.7975	117.0655	-271.2	427	QYA	0	0	0	0	59	47.0	1824	27	32	191	1.185	0.168	0.141	4.8	20.00
1956	40.7975	117.0661	-272.1	422	QYA	0	0	1	0	65	46.9	1811	49	12	162	0.250	0.074	0.296	4.7	20.00
1957	40.7975	117.0667	-273.7	419	QYA	0	0	0	0	60	46.8	1794	31	55	165	1.774	0.333	0.188	4.6	20.00
1958	40.7975	117.0674	-275.1	416	QYA	0	0	0	0	53	46.7	1792	50	31	159	0.620	0.195	0.314	4.6	20.00
1959	40.7975	117.0680	-277.5	414	QYA	0	0	1	0	56	48.1	1890	38	-3	237	-0.079	-0.013	0.160	4.6	20.00
1960	40.7975	117.0686	-277.9	408	QYA	0	0	0	0	59	47.9	1870	35	54	179	1.543	0.302	0.196	4.6	20.00
1961	40.7975	117.0693	-278.5	408	QYA	0	0	0	0	58	47.9	1846	38	110	134	2.895	0.821	0.284	4.5	20.00
1962	40.7975	117.0699	-278.1	406	QYA	0	0	0	0	53	47.9	1703	41	45	135	1.098	0.333	0.304	4.5	20.00
1963	40.7975	117.0705	-279.2	410	QYA	0	0	0	0	65	48.0	1859	22	73	192	3.318	0.330	0.115	4.4	20.00
1965	40.7975	117.0718	-278.2	399	QYA	0	0	0	0	55	47.7	1783	42	92	102	2.190	0.902	0.412	4.3	20.00
1966	40.7975	117.0724	-277.4	393	QYA	0	0	0	0	72	47.5	1872	43	65	171	1.512	0.380	0.251	4.1	20.00
1967	40.7975	117.0731	-275.1	386	QYA	0	0	0	0	59	47.3	1853	40	50	177	1.250	0.282	0.226	4.2	20.00
1968	40.7974	117.0737	-274.5	383	QYA	0	0	0	0	57	47.2	1786	30	86	163	2.867	0.528	0.184	4.2	20.00
1969	40.7974	117.0743	-275.8	385	QYA	0	0	1	0	64	47.3	1915	43	18	204	0.419	0.088	0.211	4.3	20.00
1970	40.7974	117.0750	-276.5	379	QYA	0	0	0	0	66	47.1	1861	38	67	156	1.763	0.429	0.244	4.2	20.00
1971	40.7974	117.0756	-276.2	365	QYA	0	0	1	0	62	46.7	1885	49	12	177	0.245	0.068	0.277	4.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1972	40.7974	117.0762	-275.3	362	QYA	0	0	0	0	63	46.6	1835	35	108	127	3.086	0.850	0.276	4.4	20.00
1973	40.7974	117.0769	-275.9	365	QYA	0	0	0	0	67	46.7	1843	31	55	200	1.774	0.275	0.155	4.5	20.00
1974	40.7974	117.0775	-275.9	372	QYA	0	0	0	0	62	46.9	1751	36	74	128	2.056	0.578	0.281	4.6	20.00
1975	40.7974	117.0781	-274.3	375	QYA	0	0	0	0	56	47.0	1848	26	64	190	2.462	0.337	0.137	4.6	20.00
1976	40.7974	117.0788	-273.8	382	QYA	0	0	0	0	58	47.2	1910	45	91	146	2.022	0.623	0.308	4.5	20.00
1977	40.7974	117.0794	-273.6	392	QYA	0	0	0	0	76	47.5	1987	32	78	178	2.438	0.438	0.180	4.5	20.00
1978	40.7974	117.0800	-273.4	398	QYA	0	0	0	0	61	47.6	1960	47	69	172	1.468	0.401	0.273	4.6	20.00
1979	40.7974	117.0807	-274.2	404	QYA	0	0	0	0	62	47.6	1973	41	81	151	1.976	0.536	0.272	4.5	20.00
1980	40.7974	117.0813	-274.3	407	QYA	0	0	0	0	62	47.7	1964	43	80	173	1.860	0.462	0.249	4.6	20.00
1981	40.7974	117.0819	-274.9	411	QYA	0	0	0	0	62	47.8	1954	47	48	199	1.021	0.241	0.236	4.5	20.00
1982	40.7974	117.0826	-275.7	413	QYA	0	0	0	0	80	47.9	1973	47	66	169	1.404	0.391	0.278	4.4	20.00
1983	40.7974	117.0832	-275.9	409	QYA	0	0	0	0	69	47.8	1941	32	84	167	2.625	0.503	0.192	4.3	20.00
1984	40.7974	117.0838	-276.1	400	QYA	0	0	0	0	55	47.5	1914	29	128	122	4.414	1.049	0.238	4.2	20.00
1985	40.7973	117.0845	-275.2	396	QYA	0	0	0	0	62	47.4	2040	38	113	160	2.974	0.706	0.238	4.1	20.00
1986	40.7973	117.0851	-274.8	393	QYA	0	0	1	0	73	47.3	2064	61	9	189	0.148	0.048	0.323	4.1	20.00
1987	40.7973	117.0857	-276.2	393	QYA	0	0	0	0	62	47.3	2089	49	92	155	1.878	0.594	0.316	4.1	20.00
1988	40.7973	117.0864	-274.3	392	QYA	0	0	0	0	68	47.3	2020	47	45	188	0.957	0.239	0.250	4.0	20.00
1989	40.7973	117.0870	-275.7	389	QYA	0	0	0	0	60	47.2	2036	57	65	145	1.140	0.448	0.393	4.0	20.00
1990	40.7973	117.0876	-276.5	391	QYA	0	0	0	0	64	47.3	1980	58	62	137	1.069	0.453	0.423	4.0	20.00
1991	40.7973	117.0883	-275.6	390	QYA	0	0	1	0	67	47.2	1994	55	16	201	0.291	0.080	0.274	4.2	20.00
1992	40.7973	117.0889	-275.5	393	QYA	0	0	0	0	72	47.3	2052	32	150	144	4.688	1.042	0.222	4.2	20.00
1993	40.7973	117.0895	-275.3	401	QYA	0	0	0	0	63	47.6	2184	39	99	211	2.538	0.469	0.185	4.2	20.00
1994	40.7973	117.0902	-276.8	406	QYA	0	0	0	0	59	47.7	2093	46	123	170	2.674	0.724	0.271	4.2	20.00
1995	40.7973	117.0908	-275.4	411	QYA	0	0	0	0	66	47.8	2159	33	167	150	5.061	1.113	0.220	4.2	20.00
1996	40.7973	117.0914	-275.2	424	QYA	0	0	1	0	70	48.2	2088	71	-8	218	-0.113	-0.037	0.326	4.2	20.00
1997	40.7973	117.0921	-272.4	437	QYA	0	0	0	0	67	48.5	2151	49	63	197	1.286	0.320	0.249	4.2	20.00
1998	40.7973	117.0927	-272.2	448	QYA	0	0	0	0	65	51.4	2103	58	52	176	0.897	0.295	0.330	4.2	20.00
1999	40.7973	117.0933	-273.0	452	QYA	0	0	0	0	58	51.5	2148	54	77	195	1.426	0.395	0.277	4.2	20.00
2000	40.7973	117.0940	-272.1	457	QYA	0	0	0	0	59	51.7	2049	55	81	163	1.473	0.497	0.337	4.2	20.00
2001	40.7973	117.0946	-273.6	462	QYA	0	0	0	0	62	51.8	2099	52	62	191	1.192	0.325	0.272	4.2	20.00
2002	40.7972	117.0952	-273.9	473	QYA	0	0	0	0	58	52.1	2153	60	56	176	0.933	0.318	0.341	4.3	20.00
2003	40.7972	117.0959	-275.5	477	QYA	0	0	0	0	64	52.2	2131	55	33	193	0.600	0.171	0.285	4.4	20.00
2004	40.7972	117.0965	-273.8	478	QYA	0	0	0	0	59	52.2	2161	58	65	159	1.121	0.409	0.365	4.5	20.00
2005	40.7972	117.0971	-272.4	486	QYA	0	0	0	0	54	52.5	2237	66	32	217	0.485	0.147	0.304	4.5	20.00
2006	40.7972	117.0978	-272.4	491	QYA	0	0	0	0	58	52.6	2140	52	119	129	2.288	0.922	0.403	4.6	20.00
2007	40.7972	117.0984	-272.1	489	QYA	0	0	0	0	64	52.5	2091	59	52	160	0.881	0.325	0.369	4.6	20.00
2008	40.7972	117.0990	-272.2	491	QYA	0	0	0	0	58	52.6	2155	45	83	209	1.844	0.397	0.215	4.5	20.00
2009	40.7972	117.0997	-271.0	492	QYA	0	0	0	0	65	52.6	2079	41	47	206	1.146	0.228	0.199	4.4	20.00
2010	40.7972	117.1003	-270.1	491	QYA	0	0	0	0	64	52.6	2141	39	88	190	2.256	0.463	0.205	4.4	20.00
2011	40.7972	117.1009	-268.2	494	QYA	0	0	0	0	67	52.7	2134	59	59	181	1.017	0.326	0.320	4.3	20.00
2012	40.7972	117.1016	-267.9	491	QYA	0	0	0	0	67	52.6	2091	41	127	119	3.098	1.067	0.345	4.2	20.00
2013	40.7972	117.1022	-267.7	493	QYA	0	0	0	0	64	52.6	2121	38	57	208	1.500	0.274	0.183	4.1	20.00
2014	40.7972	117.1028	-265.3	493	QYA	0	0	0	0	65	52.6	2114	54	44	156	0.815	0.282	0.346	4.0	20.00
2015	40.7972	117.1035	-265.7	491	QYA	0	0	0	0	59	52.6	2046	37	58	208	1.568	0.279	0.178	3.9	20.00
2016	40.7972	117.1041	-264.5	492	QYA	0	0	0	0	63	52.6	2113	65	41	158	0.631	0.259	0.411	3.9	20.00
2017	40.7972	117.1047	-264.6	493	QYA	0	0	1	0	62	55.5	2165	68	25	193	0.368	0.130	0.352	3.8	20.00
2018	40.7971	117.1054	-265.3	482	QYA	0	0	0	0	68	55.1	2194	48	48	201	1.000	0.239	0.239	3.7	20.00
2019	40.7971	117.1060	-265.8	467	QYA	0	0	0	0	70	54.7	2148	51	101	144	1.980	0.701	0.354	3.6	20.00
2020	40.7971	117.1066	-266.2	459	QYA	0	0	0	0	66	54.5	2057	46	90	141	1.957	0.638	0.326	3.3	20.00
2021	40.7971	117.1072	-264.9	455	QOA1	0	0	0	0	63	54.4	2101	39	95	198	2.436	0.480	0.197	3.3	20.00
2022	40.7971	117.1079	-264.2	455	QOA1	0	0	0	0	59	54.4	2191	48	81	172	1.688	0.471	0.279	3.1	20.00
2023	40.7971	117.1085	-262.8	454	QOA1	0	0	0	0	60	54.3	2158	35	88	200	2.514	0.440	0.175	2.9	20.00
2024	40.7971	117.1091	-261.5	445	QOA1	0	0	0	0	60	54.1	2120	45	69	179	1.533	0.385	0.251	2.7	20.00
2025	40.7971	117.1098	-260.4	439	QOA1	0	0	0	0	74	53.9	2254	39	75	225	1.923	0.333	0.173	2.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2026	40.7971	117.1104	-259.9	430	QOA1	0	0	0	0	66	53.7	2181	48	74	204	1.542	0.363	0.235	2.6	20.00
2027	40.7971	117.1110	-257.2	430	QOA1	0	0	0	0	66	53.6	2069	42	120	155	2.857	0.774	0.271	2.7	20.00
2028	40.7971	117.1117	-258.6	424	QOA1	0	0	0	0	66	53.5	2111	50	98	161	1.960	0.609	0.311	2.5	20.00
2029	40.7971	117.1123	-259.0	421	QOA1	0	0	0	0	67	53.4	2143	52	55	209	1.058	0.263	0.249	2.5	20.00
2030	40.7971	117.1129	-261.1	420	QOA1	0	0	0	0	62	53.3	2158	60	71	183	1.183	0.388	0.328	2.4	20.00
2031	40.7971	117.1136	-262.3	417	QOA1	0	0	0	0	52	53.3	2111	57	103	154	1.807	0.669	0.370	2.4	20.00
2032	40.7971	117.1142	-263.9	418	QOA1	0	0	0	0	60	53.3	2143	60	42	196	0.700	0.214	0.306	2.3	20.00
2033	40.7971	117.1148	-265.7	419	QOA1	0	0	0	0	59	53.3	2057	56	56	162	1.000	0.346	0.346	2.4	20.00
2034	40.7971	117.1155	-264.6	418	QOA1	0	0	0	0	62	53.3	2072	45	58	207	1.289	0.280	0.217	2.3	20.00
2035	40.7970	117.1161	-266.2	420	QOA1	0	0	0	0	59	53.3	2130	49	71	199	1.449	0.357	0.246	2.4	20.00
2036	40.7970	117.1167	-267.6	416	QOA1	0	0	0	0	51	66.7	2121	42	69	218	1.643	0.317	0.193	2.4	20.00
2037	40.7970	117.1174	-269.2	418	QOA1	0	0	0	0	59	66.7	2122	46	71	197	1.543	0.360	0.234	2.3	20.00
2038	40.7970	117.1180	-272.3	413	QOA1	0	0	0	0	62	66.5	2180	51	45	218	0.882	0.206	0.234	2.3	20.00
2039	40.7970	117.1186	-274.7	411	QOA1	0	0	0	0	58	66.5	2091	47	102	175	2.170	0.583	0.269	2.4	20.00
2040	40.7970	117.1193	-277.5	415	QOA1	0	0	0	0	65	66.6	2202	67	45	185	0.672	0.243	0.362	2.4	20.00
2041	40.7970	117.1199	-277.7	409	QOA1	0	0	0	0	58	66.4	2108	50	65	187	1.300	0.348	0.267	2.4	20.00
2042	40.7970	117.1205	-277.6	401	QOA1	0	0	0	0	56	66.	2164	80	54	177	0.675	0.305	0.452	2.3	20.00
2043	40.7970	117.1212	-278.7	396	QOA1	0	0	0	0	68	65.9	2085	40	104	165	2.600	0.630	0.242	2.4	20.00
2044	40.7970	117.1218	-276.3	398	QOA1	0	0	0	0	73	65.9	2191	49	82	191	1.673	0.429	0.257	2.4	20.00
2045	40.7970	117.1224	-277.3	389	QOA1	0	0	0	0	68	65.6	2229	58	37	203	0.638	0.182	0.286	2.4	20.00
2046	40.7970	117.1231	-272.4	386	QOA1	0	0	0	0	67	65.5	2142	38	74	209	1.947	0.354	0.182	2.6	20.00
2047	40.7970	117.1237	-268.5	387	QOA1	0	0	0	0	70	65.5	2118	56	61	181	1.089	0.337	0.309	2.7	20.00
2048	40.7970	117.1243	-263.9	382	QOA1	0	0	1	0	59	65.3	2024	60	20	167	0.333	0.120	0.359	2.9	20.00
2049	40.7970	117.1250	-259.3	384	QOA1	0	0	1	0	57	65.4	1984	56	15	191	0.268	0.079	0.293	3.0	20.00
2050	40.7970	117.1256	-254.8	388	QOA1	0	0	0	0	61	65.6	2048	67	43	164	0.642	0.262	0.409	2.9	20.00
2051	40.7970	117.1262	-249.8	400	QOA1	0	0	0	0	67	66.0	1972	43	32	176	0.744	0.182	0.244	2.9	20.00
2052	40.7969	117.1269	-248.2	404	QOA1	0	0	0	0	65	66.2	1915	41	44	145	1.073	0.303	0.283	3.0	20.00
2053	40.7969	117.1275	-246.0	405	QOA1	0	0	0	0	70	66.2	2011	30	95	182	3.167	0.522	0.165	2.9	20.00
2054	40.7969	117.1281	-244.8	409	QOA1	0	0	1	0	68	66.4	1993	66	26	151	0.394	0.172	0.437	2.9	20.00
2055	40.7969	117.1288	-246.2	412	QOA1	0	0	0	0	59	74.2	1962	48	105	130	2.188	0.808	0.369	2.8	20.00
2056	40.7969	117.1294	-245.7	416	QOA1	0	0	1	0	55	74.4	1905	44	24	176	0.545	0.136	0.250	2.7	20.00
2057	40.7969	117.1300	-247.0	423	QOA1	0	0	1	0	69	74.7	2064	42	24	204	0.571	0.118	0.206	2.6	20.00
2058	40.7969	117.1307	-249.1	427	QOA1	0	0	0	0	71	74.9	2038	47	39	180	0.830	0.217	0.261	2.5	20.00
2059	40.7969	117.1313	-250.9	432	QOA1	0	0	0	0	55	75.1	2055	53	48	172	0.906	0.279	0.308	2.5	20.00
2060	40.7969	117.1319	-253.2	438	QOA1	0	0	1	0	68	75.3	2030	58	27	168	0.466	0.161	0.345	2.5	20.00
2061	40.7969	117.1326	-256.3	440	QOA1	0	0	1	0	61	75.4	2013	55	2	174	0.036	0.011	0.316	2.6	20.00
2062	40.7969	117.1332	-259.2	442	QOA1	0	0	0	0	61	75.5	2013	49	48	159	0.980	0.302	0.308	2.6	20.00
2063	40.7969	117.1338	-262.8	442	QOA1	0	0	0	0	60	75.5	2091	64	44	175	0.688	0.251	0.366	2.7	20.00
2064	40.7969	117.1345	-264.1	443	QOA1	0	0	1	0	67	75.5	2038	34	22	199	0.647	0.111	0.171	2.9	20.00
2065	40.7969	117.1351	-268.3	438	QOA1	0	0	0	0	60	75.3	2083	36	97	179	2.694	0.542	0.201	2.9	20.00
2066	40.7969	117.1357	-267.9	435	QOA1	0	0	0	0	60	75.2	2028	47	67	161	1.426	0.416	0.292	3.0	20.00
2067	40.7969	117.1364	-268.3	432	QOA1	0	0	1	0	55	75.1	1949	49	22	180	0.449	0.122	0.272	3.0	20.00
2068	40.7969	117.1370	-265.4	431	QOA1	0	0	0	0	62	75.0	2000	44	72	148	1.636	0.486	0.297	3.1	20.00
2069	40.7968	117.1376	-267.5	428	QOA1	0	0	0	0	63	74.9	1932	41	83	114	2.024	0.728	0.360	3.1	20.00
2070	40.7968	117.1383	-269.0	421	QOA1	0	0	0	0	60	74.6	1957	40	84	142	2.100	0.592	0.282	3.1	20.00
2071	40.7968	117.1389	-268.4	416	QOA1	0	0	1	0	62	74.4	2070	47	4	220	0.085	0.018	0.214	3.2	20.00
2072	40.7968	117.1395	-269.0	414	QOA1	0	0	0	0	64	74.3	2010	52	61	140	1.173	0.436	0.371	3.3	20.00
2073	40.7968	117.1402	-268.9	412	QOA1	0	0	0	0	57	74.2	1997	45	57	142	1.267	0.401	0.317	3.4	20.00
2074	40.7968	117.1408	-270.0	411	QOA1	0	0	0	0	61	71.8	2001	45	65	153	1.444	0.425	0.294	3.5	20.00
2075	40.7968	117.1414	-268.1	409	QOA1	0	0	0	0	63	71.7	2013	56	65	146	1.161	0.445	0.384	3.5	20.00
2076	40.7968	117.1421	-269.0	401	QOA1	0	0	0	0	61	71.4	2042	46	50	198	1.087	0.253	0.232	3.5	20.00
2077	40.7968	117.1427	-268.2	392	QOA1	0	0	0	0	59	71.0	2125	60	103	133	1.717	0.774	0.451	3.6	20.00
2078	40.7968	117.1433	-265.8	390	QOA1	0	0	0	0	58	70.9	2155	62	31	180	0.500	0.172	0.344	3.7	20.00
2079	40.7968	117.1440	-268.5	387	QOA1	0	0	0	0	64	70.8	2077	57	45	160	0.763	0.281	0.369	3.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2080	40.7968	117.1446	-265.8	386	QOA1	0	0	0	0	67	70.7	2007	52	73	125	1.404	0.584	0.416	3.8	20.00
2081	40.7968	117.1452	-267.2	389	QOA1	0	0	0	0	63	70.8	2103	44	64	196	1.455	0.327	0.224	3.9	20.00
2082	40.7968	117.1459	-265.8	390	QOA1	0	0	0	0	73	70.9	2162	62	42	176	0.677	0.239	0.352	4.0	20.00
2083	40.7968	117.1465	-265.9	386	QOA1	0	0	1	0	62	70.7	2061	61	21	181	0.344	0.116	0.337	4.0	20.00
2084	40.7968	117.1471	-266.5	384	QOA1	0	0	0	0	67	70.6	2097	45	113	143	2.511	0.790	0.315	4.1	20.00
2085	40.7968	117.1478	-263.4	383	QOA1	0	0	0	0	68	70.6	2116	50	53	186	1.060	0.285	0.269	4.1	20.00
2086	40.7967	117.1484	-261.1	376	QOA1	0	0	0	0	72	70.3	2083	48	66	169	1.375	0.391	0.284	4.1	20.00
2087	40.7967	117.1490	-258.2	375	QOA1	0	0	0	0	69	70.3	1977	46	51	161	1.109	0.317	0.286	4.1	20.00
2088	40.7967	117.1497	-256.8	374	QOA1	0	0	0	0	65	70.2	2118	37	98	186	2.649	0.527	0.199	4.3	20.00
2089	40.7967	117.1503	-253.5	366	QOA1	0	0	0	0	58	69.9	2056	57	76	146	1.333	0.521	0.390	4.3	20.00
2090	40.7967	117.1509	-252.6	361	QOA1	0	0	0	0	57	69.7	2119	48	125	136	2.604	0.919	0.353	4.3	20.00
2091	40.7967	117.1516	-250.0	366	QOA1	0	0	0	0	68	69.9	2119	51	91	158	1.784	0.576	0.323	4.3	20.00
2092	40.7967	117.1522	-249.5	372	QOA1	0	0	0	0	64	70.1	2055	43	77	168	1.791	0.458	0.256	4.4	20.00
2093	40.7967	117.1528	-249.4	371	QOA1	0	0	0	0	68	59.8	2038	45	72	149	1.600	0.483	0.302	4.4	20.00
2094	40.7967	117.1535	-248.7	378	QOA1	0	0	0	0	63	60.1	2105	54	70	168	1.296	0.417	0.321	4.4	20.00
2095	40.7967	117.1541	-249.3	384	QOA1	0	0	0	0	58	60.3	1993	53	74	166	1.396	0.446	0.319	4.4	20.00
2096	40.7967	117.1547	-250.5	393	QOA1	0	0	0	0	71	60.6	1936	34	106	131	3.118	0.809	0.260	4.5	20.00
2097	40.7967	117.1554	-251.6	397	QOA1	0	0	0	0	62	60.8	2005	40	86	171	2.150	0.503	0.234	4.3	20.00
2098	40.7967	117.1560	-254.9	399	QOA1	0	0	1	0	61	60.8	1840	60	-5	165	-0.083	-0.030	0.364	4.1	20.00
2099	40.7967	117.1566	-254.2	387	QOA1	0	0	0	0	68	60.4	1932	55	41	177	0.745	0.232	0.311	3.9	20.00
2100	40.7967	117.1573	-254.6	377	QOA1	0	0	0	0	71	60.0	1963	44	60	171	1.364	0.351	0.257	3.8	20.00
2101	40.7967	117.1579	-255.0	370	QOA1	0	0	0	0	70	59.8	1965	42	42	170	1.000	0.247	0.247	3.9	20.00
2102	40.7967	117.1585	-255.7	359	QOA1	0	0	0	0	67	59.4	1908	53	59	144	1.113	0.410	0.368	3.9	20.00
2103	40.7966	117.1592	-256.9	351	QOA1	0	0	0	0	68	59.1	1826	36	51	140	1.417	0.364	0.257	4.0	20.00
2104	40.7966	117.1598	-258.0	346	QOA1	0	0	0	0	62	58.9	1939	41	117	133	2.854	0.880	0.308	4.0	20.00
2105	40.7966	117.1604	-260.5	337	QOA1	0	0	1	0	56	58.5	1841	61	8	163	0.131	0.049	0.374	3.9	20.00
2106	40.7966	117.1611	-259.6	330	QOA1	0	0	0	0	65	58.3	1764	46	55	128	1.196	0.430	0.359	3.9	20.00
2107	40.7966	117.1617	-260.3	319	QOA1	0	0	0	0	75	57.8	1707	40	54	116	1.350	0.466	0.345	3.8	20.00
2108	40.7966	117.1623	-259.1	302	QOA1	0	0	0	0	70	57.2	1699	42	55	114	1.310	0.482	0.368	4.0	20.00
2109	40.7966	117.1630	-259.8	317	QOA1	0	0	0	0	67	57.8	1736	37	50	154	1.351	0.325	0.240	4.1	20.00
2110	40.7966	117.1636	-260.1	352	QOA1	0	0	0	0	57	59.1	1790	42	113	106	2.690	1.066	0.396	4.1	20.00
2111	40.7966	117.1642	-259.3	376	QOA1	0	0	0	0	65	60.0	1899	45	92	127	2.044	0.724	0.354	4.2	20.00
2112	40.7966	117.1649	-257.5	389	QOA1	0	0	0	0	63	53.2	1839	45	65	122	1.444	0.533	0.369	4.4	20.00
2113	40.7966	117.1655	-255.6	395	QOA1	0	0	1	0	59	53.4	1797	46	20	155	0.435	0.129	0.297	4.4	20.00
2114	40.7966	117.1661	-254.0	387	QOA1	0	0	0	0	59	53.1	1848	45	55	120	1.222	0.458	0.375	4.5	20.00
2115	40.7966	117.1668	-252.5	373	QOA1	0	0	0	0	63	52.7	1812	36	93	128	2.583	0.727	0.281	4.4	20.00
2116	40.7966	117.1674	-251.3	385	QOA1	0	0	1	0	57	53.1	1948	49	15	188	0.306	0.080	0.261	4.5	20.00
2117	40.7966	117.1680	-249.8	389	QOA1	0	0	0	0	70	53.2	1952	36	72	159	2.000	0.453	0.226	4.6	20.00
2118	40.7966	117.1687	-252.0	377	QOA1	0	0	1	0	61	52.8	1928	70	23	137	0.329	0.168	0.511	4.7	20.00
2119	40.7965	117.1693	-252.2	346	QOA1	0	0	0	0	72	51.8	1775	47	26	160	0.553	0.162	0.294	4.8	20.00
2120	40.7965	117.1699	-254.5	319	QOA1	0	0	0	0	72	50.9	1718	32	52	144	1.625	0.361	0.222	4.9	20.00
2121	40.7965	117.1706	-255.1	345	QOA1	0	0	0	0	70	51.7	1317	30	117	142	3.900	0.824	0.211	5.0	20.00
2122	40.7965	117.1712	-253.9	361	QOA1	0	0	0	0	57	52.3	1816	31	114	121	3.677	0.942	0.256	5.0	20.00
2123	40.7965	117.1718	-251.4	368	QOA1	0	0	0	0	67	52.5	1881	42	57	141	1.357	0.404	0.298	4.9	20.00
2124	40.7965	117.1725	-250.1	364	QOA1	0	0	0	0	72	52.4	1923	45	51	191	1.133	0.267	0.236	4.9	20.00
2125	40.7965	117.1731	-246.8	383	QOA1	0	0	0	0	73	53.0	2028	36	140	131	3.889	1.069	0.275	4.9	20.00
2126	40.7965	117.1737	-245.7	406	QOA1	0	0	0	0	62	53.7	1998	38	103	128	2.711	0.805	0.297	5.0	20.00
2127	40.7965	117.1744	-243.2	409	QOA1	0	0	0	0	71	53.8	2002	51	32	180	0.627	0.178	0.283	4.9	20.00
2128	40.7965	117.1750	-243.6	411	QOA1	0	0	0	0	62	53.9	1976	43	91	146	2.116	0.623	0.295	4.8	20.00
2129	40.7965	117.1756	-241.5	406	QOA1	0	0	0	0	70	53.7	1956	31	120	125	3.871	0.960	0.248	4.8	20.00
2130	40.7965	117.1763	-240.7	402	QOA1	0	0	1	0	69	53.6	2015	50	23	190	0.460	0.121	0.263	4.9	20.00
2131	40.7965	117.1769	-239.0	401	QOA1	0	0	0	0	64	50.3	1965	44	103	116	2.341	0.888	0.379	4.9	20.00
2132	40.7965	117.1775	-238.1	405	QOA1	0	0	0	0	60	50.5	2087	45	103	145	2.289	0.710	0.310	5.0	20.00
2133	40.7965	117.1782	-239.7	403	QOA1	0	0	0	0	60	50.4	2051	62	49	164	0.790	0.299	0.378	4.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2134	40.7965	117.1788	-240.0	408	QOA1	0	0	0	0	61	50.6	2019	42	99	139	2.357	0.712	0.302	4.9	20.00
2135	40.7965	117.1794	-240.4	405	QOA1	0	0	0	0	69	50.5	2036	61	43	180	0.705	0.239	0.339	4.9	20.00
2136	40.7965	117.1802	-239.3	403	QOA1	0	0	0	0	61	50.4	2044	49	100	137	2.041	0.730	0.358	4.9	20.00
2137	40.7965	117.1809	-236.9	399	QOA1	0	0	0	0	66	50.3	2043	59	91	123	1.542	0.740	0.480	4.9	20.00
2138	40.7965	117.1816	-234.5	394	QOA1	0	0	0	0	63	50.2	2001	61	63	128	1.033	0.492	0.477	4.8	20.00
2139	40.7965	117.1823	-230.3	396	QOA1	0	0	0	0	61	50.2	1919	37	126	132	3.405	0.955	0.280	4.7	20.00
2140	40.7965	117.1830	-225.4	402	QOA1	0	0	1	0	61	50.4	1873	50	24	185	0.480	0.130	0.270	4.6	20.00
2141	40.7965	117.1837	-221.5	408	QOA1	0	0	0	0	62	50.6	1817	40	86	119	2.150	0.723	0.336	4.5	20.00
2142	40.7965	117.1845	-216.7	415	QOA1	0	0	0	0	69	50.8	1923	42	77	136	1.833	0.566	0.309	4.5	20.00
2143	40.7965	117.1852	-212.1	415	QOA1	0	0	0	0	65	50.8	1877	57	36	147	0.632	0.245	0.388	4.4	20.00
2144	40.7965	117.1859	-213.2	416	QOA1	0	0	0	0	69	50.8	1808	42	89	84	2.119	1.060	0.500	4.3	20.00
2145	40.7965	117.1866	-216.7	422	QOA1	0	0	0	0	64	51.0	1890	44	127	78	2.886	1.628	0.564	4.3	20.00
2146	40.7965	117.1873	-225.5	427	QOA1	0	0	0	0	66	51.1	1885	40	54	128	1.350	0.422	0.313	4.3	20.00
2147	40.7965	117.1880	-234.0	434	QOA1	0	0	0	0	69	51.3	1844	46	102	105	2.217	0.971	0.438	4.2	20.00
2148	40.7965	117.1888	-233.8	446	QOA1	0	0	0	0	60	51.6	1936	45	80	142	1.778	0.563	0.317	4.2	20.00
2149	40.7965	117.1895	-218.6	444	QOA1	0	0	0	0	65	51.6	2088	41	117	151	2.854	0.775	0.272	4.3	20.00
2150	40.7965	117.1902	-206.0	448	QOA1	0	0	0	0	69	48.9	1983	51	75	133	1.471	0.564	0.383	4.2	20.00
2151	40.7965	117.1909	-202.0	460	QOA1	0	0	0	0	67	49.2	1968	37	48	174	1.297	0.276	0.213	4.1	20.00
2152	40.7965	117.1916	-205.3	464	QOA1	0	0	0	0	66	49.3	1858	27	105	131	3.889	0.802	0.206	4.1	20.00
2153	40.7965	117.1923	-207.8	472	QOA1	0	0	0	0	60	49.5	1972	37	84	168	2.270	0.500	0.220	3.9	20.00
2154	40.7965	117.1931	-209.4	464	QOA1	0	0	0	0	68	49.3	1862	51	34	152	0.667	0.224	0.336	3.9	20.00
2155	40.7965	117.1938	-208.1	453	QOA1	0	0	0	0	63	49.0	1979	38	152	99	4.000	1.535	0.384	3.8	20.00
2156	40.7965	117.1945	-208.3	445	QOA1	0	0	0	0	66	48.8	1966	26	120	141	4.615	0.851	0.184	3.9	20.00
2157	40.7965	117.1952	-205.4	439	QOA1	0	0	0	0	61	48.7	1985	49	117	126	2.388	0.929	0.389	3.9	20.00
2158	40.7965	117.1959	-204.3	436	QOA1	0	0	0	0	62	48.6	1895	42	45	138	1.071	0.326	0.304	4.0	20.00
2159	40.7965	117.1967	-202.5	426	QOA1	0	0	0	0	60	48.3	1941	51	66	154	1.294	0.429	0.331	3.9	20.00
2160	40.7965	117.1974	-204.8	425	QOA1	0	0	0	0	68	48.3	1896	54	60	157	1.111	0.382	0.344	3.9	20.00
2161	40.7965	117.1981	-204.4	427	QOA1	0	0	0	0	71	48.3	1955	45	97	132	2.156	0.735	0.341	3.9	20.00
2162	40.7965	117.1988	-207.8	422	QOA1	0	0	0	0	66	48.2	1931	30	144	137	4.800	1.051	0.219	3.8	20.00
2163	40.7965	117.1995	-208.7	419	QOA1	0	0	1	0	67	48.1	1929	51	8	210	0.157	0.038	0.243	3.6	20.00
2164	40.7965	117.2002	-211.0	420	QOA1	0	0	0	0	60	48.1	1969	66	50	159	0.758	0.314	0.415	3.5	20.00
2165	40.7965	117.2010	-209.6	420	QOA1	0	0	0	0	69	48.1	1997	32	94	150	2.938	0.627	0.213	3.5	20.00
2166	40.7965	117.2017	-208.6	424	QOA1	0	0	0	0	60	48.2	1988	51	56	160	1.098	0.350	0.319	3.6	20.00
2167	40.7965	117.2024	-206.7	431	PIPH1	0	0	0	0	66	48.4	1897	51	72	129	1.412	0.558	0.395	3.8	20.00
2168	40.7965	117.2031	-206.1	422	PIPH1	0	0	0	0	73	48.2	1895	38	137	72	3.605	1.903	0.528	3.7	20.00
2169	40.7965	117.2038	-204.7	425	PIPH1	0	0	0	0	65	51.0	2003	57	61	124	1.070	0.492	0.460	3.7	20.00
2170	40.7965	117.2045	-202.5	429	PIPH1	0	0	0	0	70	51.1	2065	52	44	181	0.846	0.243	0.287	3.5	20.00
2171	40.7965	117.2053	-199.4	425	PIPH1	0	0	0	0	55	51.0	1957	41	99	135	2.415	0.733	0.304	3.3	20.00
2172	40.7965	117.2060	-197.2	429	PIPH1	0	0	0	0	69	51.1	1934	39	61	139	1.564	0.439	0.281	3.2	20.00
2173	40.7965	117.2067	-191.7	430	PIPH1	0	0	0	0	70	51.1	1958	41	117	115	2.659	1.017	0.383	3.2	20.00
2174	40.7965	117.2074	-190.2	424	PIPH1	0	0	0	0	60	51.0	1970	49	39	164	0.796	0.238	0.299	3.2	20.00
2175	40.7965	117.2081	-191.3	419	PIPH1	0	0	0	0	60	50.8	2062	49	39	168	0.796	0.232	0.292	3.1	20.00
2176	40.7965	117.2088	-189.4	411	PIPH1	0	0	0	0	59	50.6	1997	56	73	143	1.304	0.510	0.392	3.0	20.00
2177	40.7965	117.2096	-185.1	403	PIPH1	0	0	0	0	68	50.4	2036	39	125	138	3.205	0.906	0.283	2.9	20.00
2178	40.7965	117.2103	-185.5	398	PIPH1	0	0	0	0	58	50.2	2007	58	77	155	1.328	0.497	0.374	2.8	20.00
2179	40.7965	117.2110	-180.1	393	PIPH1	0	0	0	0	60	50.1	1980	42	128	136	3.048	0.941	0.309	2.7	20.00
2180	40.7965	117.2117	-178.6	379	PIPH1	0	0	0	0	65	49.7	2026	55	65	147	1.182	0.442	0.374	2.5	20.00
2181	40.7965	117.2124	-173.1	359	PIPH1	0	0	0	0	62	49.0	2020	59	50	149	0.847	0.336	0.396	2.4	20.00
2182	40.7965	117.2131	-171.0	346	PIPH1	0	0	0	0	61	48.6	2063	54	30	168	0.556	0.179	0.321	2.4	20.00
2183	40.7965	117.2139	-165.7	339	PIPH1	0	0	0	0	57	48.4	2044	50	98	170	1.960	0.576	0.294	2.5	20.00
2184	40.7965	117.2146	-160.0	338	PIPH1	0	0	0	0	64	48.4	1968	46	112	171	2.435	0.655	0.269	2.6	20.00
2185	40.7965	117.2153	-158.2	333	PIPH1	0	0	1	0	76	48.2	1942	50	15	195	0.300	0.077	0.256	2.8	20.00
2186	40.7965	117.2160	-154.6	330	PIPH1	0	0	0	0	64	48.1	1946	48	113	146	2.354	0.774	0.329	2.7	20.00
2187	40.7965	117.2167	-155.9	330	PIPH1	0	0	0	0	61	48.1	1942	47	57	163	1.213	0.350	0.288	2.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2188	40.7965	117.2174	-156.0	332	PIPH1	0	0	0	0	66	48.6	2008	53	79	145	1.491	0.545	0.366	3.1	20.00
2189	40.7965	117.2182	-156.0	336	PIPH1	0	0	0	0	68	48.8	1923	49	83	134	1.694	0.619	0.366	3.3	20.00
2190	40.7965	117.2189	-156.3	343	PIPH1	0	0	0	0	67	49.0	1999	45	79	148	1.756	0.534	0.304	3.5	20.00
2191	40.7965	117.2196	-157.4	347	PIPH1	0	0	0	0	71	49.1	1969	41	155	123	3.780	1.260	0.333	3.6	20.00
2192	40.7965	117.2203	-156.4	350	PIPH1	0	0	0	0	60	49.2	1974	40	139	129	3.475	1.078	0.310	3.6	20.00
2193	40.7965	117.2210	-156.0	356	PIPH1	0	0	0	0	63	49.4	1924	48	112	135	2.333	0.830	0.356	3.6	20.00
2194	40.7965	117.2217	-154.0	366	PIPH1	0	0	0	0	64	49.7	1928	46	61	151	1.326	0.404	0.305	3.7	20.00
2195	40.7965	117.2225	-150.7	380	PIPH1	0	0	0	0	65	50.1	1997	57	61	146	1.070	0.418	0.390	3.7	20.00
2196	40.7965	117.2232	-148.7	394	PIPH1	0	0	0	0	68	50.6	1892	58	97	125	1.672	0.776	0.464	3.8	20.00
2197	40.7965	117.2239	-145.0	394	PIPH1	0	0	0	0	62	50.6	1990	57	66	167	1.158	0.395	0.341	3.8	20.00
2198	40.7965	117.2246	-142.9	390	PIPH1	0	0	0	0	60	50.4	1945	52	57	150	1.096	0.380	0.347	3.8	20.00
2199	40.7965	117.2253	-139.3	389	PIPH1	0	0	0	0	64	50.4	1998	46	74	142	1.609	0.521	0.324	3.9	20.00
2200	40.7965	117.2260	-137.6	389	PIPH1	0	0	0	0	65	50.4	2009	52	93	149	1.788	0.624	0.349	4.1	20.00
2201	40.7965	117.2268	-135.7	389	PIPH1	0	0	1	0	57	50.4	2032	79	-10	171	-0.127	-0.058	0.462	4.4	20.00
2202	40.7965	117.2275	-134.6	384	PIPH1	0	0	0	0	65	50.3	1953	65	48	149	0.738	0.322	0.436	4.6	20.00
2203	40.7965	117.2282	-131.2	383	PIPH1	0	0	0	0	61	50.2	1946	56	73	139	1.304	0.525	0.403	4.7	20.00
2204	40.7965	117.2289	-130.7	391	PIPH1	0	0	0	0	66	50.5	1915	40	99	136	2.475	0.728	0.294	5.0	20.00
2205	40.7965	117.2296	-130.3	387	PIPH1	0	0	0	0	69	50.3	1840	50	57	108	1.140	0.528	0.463	5.2	20.00
2206	40.7965	117.2303	-127.9	392	PIPH1	0	0	0	0	64	50.5	2030	54	39	168	0.722	0.232	0.321	5.5	20.00
2207	40.7965	117.2311	-128.5	390	PIPH1	0	0	0	0	70	54.5	1942	51	51	166	1.000	0.307	0.307	5.5	20.00
2208	40.7965	117.2318	-127.5	376	PIPH1	0	0	0	0	68	54.0	1950	59	54	146	0.915	0.370	0.404	5.5	20.00
2209	40.7965	117.2325	-127.4	365	PIPH1	0	0	0	0	73	53.6	1971	63	38	151	0.603	0.252	0.417	5.5	20.00
2210	40.7965	117.2332	-127.3	362	PIPH1	0	0	1	0	74	53.5	1880	57	-7	179	-0.123	-0.039	0.318	5.6	20.00
2211	40.7965	117.2339	-129.4	362	PIPH1	0	0	0	0	72	53.5	1941	44	135	115	3.068	1.174	0.383	5.7	20.00
2212	40.7965	117.2347	-127.4	365	PIPH1	0	0	0	0	67	53.6	1850	43	48	151	1.116	0.318	0.285	5.8	20.00
2213	40.7965	117.2354	-127.1	358	PIPH1	0	0	1	0	60	53.4	1866	53	-16	199	-0.302	-0.080	0.266	5.9	20.00
2214	40.7965	117.2361	-125.7	361	PIPH1	0	0	0	0	64	53.5	1903	42	81	158	1.929	0.513	0.266	6.1	20.00
2215	40.7965	117.2368	-123.7	374	PIPH1	0	0	0	0	64	53.9	1878	47	38	182	0.809	0.209	0.258	6.2	20.00
2216	40.7965	117.2375	-121.1	363	PIPH1	0	0	0	0	68	53.6	1901	48	74	126	1.542	0.587	0.381	6.3	20.00
2217	40.7965	117.2382	-119.8	353	PIPH1	0	0	0	0	61	53.2	1841	32	93	135	2.906	0.689	0.237	6.3	20.00
2218	40.7965	117.2390	-118.1	354	PIPH1	0	0	0	0	66	53.3	1829	34	100	123	2.941	0.813	0.276	6.1	20.00
2219	40.7965	117.2397	-119.0	353	PIPH1	0	0	0	0	60	53.2	1842	38	35	168	0.921	0.208	0.226	6.2	20.00
2220	40.7965	117.2404	-112.4	345	PIPH1	0	0	0	0	69	53.0	1845	37	54	179	1.459	0.302	0.207	6.3	20.00
2221	40.7965	117.2411	-107.0	346	PIPH1	0	0	0	0	61	53.0	1764	43	105	99	2.442	1.061	0.434	6.5	20.00
2222	40.7965	117.2418	-99.8	342	QOA1	0	0	0	0	66	52.9	1825	46	89	103	1.935	0.864	0.447	6.6	20.00
2223	40.7965	117.2425	-97.1	344	QOA1	0	0	0	0	57	52.9	1838	40	117	120	2.925	0.975	0.333	6.7	20.00
2224	40.7965	117.2433	-97.0	345	QOA1	0	0	0	0	70	53.0	1791	36	104	111	2.889	0.937	0.324	6.8	20.00
2225	40.7965	117.2440	-100.7	359	QOA1	0	0	0	0	59	53.4	1851	55	96	106	1.745	0.906	0.519	6.8	20.00
2226	40.7965	117.2447	-108.1	360	QOA1	0	0	1	0	62	45.4	1828	38	25	202	0.658	0.124	0.188	7.0	20.00
2227	40.7965	117.2454	-111.6	359	QOA1	0	0	0	0	60	45.4	1749	31	61	143	1.968	0.427	0.217	7.3	20.00
2228	40.7965	117.2461	-114.7	364	QOA1	0	0	0	0	68	45.5	1900	33	133	140	4.030	0.950	0.236	7.5	20.00
2229	40.7965	117.2468	-113.7	372	QOA1	0	0	0	0	72	45.7	1909	53	44	154	0.830	0.286	0.344	7.8	20.00
2230	40.7965	117.2476	-111.7	382	QOA1	0	0	0	0	54	46.0	1894	37	90	137	2.432	0.657	0.270	8.0	20.00
2231	40.7965	117.2483	-109.8	388	QOA1	0	0	0	0	65	46.2	1886	43	88	122	2.047	0.721	0.352	8.1	20.00
2232	40.7965	117.2490	-109.3	400	QOA1	0	0	0	0	56	46.5	1890	43	81	153	1.884	0.529	0.281	8.4	20.00
2233	40.7965	117.2497	-106.9	420	QOA1	0	0	0	0	65	47.1	1835	53	49	143	0.925	0.343	0.371	8.5	20.00
2234	40.7965	117.2504	-106.0	419	QOA1	0	0	0	0	60	47.0	1896	47	58	170	1.234	0.341	0.276	8.5	20.00
2235	40.7965	117.2511	-107.7	418	QOA1	0	0	0	0	65	47.0	1894	46	57	166	1.239	0.343	0.277	8.4	20.00
2236	40.7965	117.2519	-106.0	421	QOA1	0	0	0	0	68	47.1	1837	31	132	88	4.258	1.500	0.352	8.3	20.00
2237	40.7965	117.2526	-104.0	430	QOA1	0	0	0	0	55	47.3	1812	48	49	153	1.021	0.320	0.314	8.4	20.00
2238	40.7965	117.2533	-106.3	434	QOA1	0	0	0	0	70	47.4	1884	45	72	126	1.600	0.571	0.357	8.3	20.00
2239	40.7965	117.2540	-104.7	426	QOA1	0	0	0	0	70	47.2	1842	41	78	155	1.902	0.503	0.265	8.2	20.00
2240	40.7965	117.2547	-105.9	409	QOA1	0	0	0	0	64	46.8	1896	49	93	114	1.898	0.816	0.430	8.1	20.00
2241	40.7965	117.2554	-104.3	403	QOA1	0	0	0	0	68	46.6	1844	48	89	102	1.854	0.873	0.471	8.3	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2242	40.7965	117.2562	-105.9	402	QOA1	0	0	0	0	65	46.6	1921	53	61	141	1.151	0.433	0.376	8.4	20.00
2243	40.7965	117.2569	-104.7	406	QOA1	0	0	0	0	64	46.7	1892	56	61	116	1.089	0.526	0.483	8.5	20.00
2244	40.7965	117.2576	-108.6	403	QOA1	0	0	0	0	65	46.6	1911	49	88	113	1.796	0.779	0.434	8.5	20.00
2245	40.7965	117.2583	-108.2	401	QOA1	0	0	0	0	67	46.1	1920	52	65	147	1.250	0.442	0.354	8.6	20.00
2246	40.7965	117.2590	-110.6	402	QOA1	0	0	0	0	61	46.1	1834	51	60	113	1.176	0.531	0.451	8.6	20.00
2247	40.7965	117.2597	-110.1	406	QOA1	0	0	0	0	65	46.2	1792	49	91	107	1.857	0.850	0.458	8.6	20.00
2248	40.7965	117.2605	-112.6	393	QOA1	0	0	0	0	63	45.9	1776	51	50	128	0.980	0.391	0.398	8.6	20.00
2249	40.7965	117.2612	-115.7	386	QOA1	0	0	0	0	62	45.7	1893	49	110	99	2.245	1.111	0.495	8.6	20.00
2251	40.7965	117.2626	-116.7	387	QOA1	0	0	0	0	63	45.7	1867	60	106	84	1.767	1.262	0.714	8.6	20.00
2252	40.7965	117.2633	-118.7	397	QOA1	0	0	0	0	66	46.0	1909	45	64	129	1.422	0.496	0.349	8.6	20.00
2253	40.7965	117.2640	-120.8	394	QOA1	0	0	0	0	60	45.9	1853	41	72	143	1.756	0.503	0.287	8.5	20.00
2254	40.7965	117.2648	-121.8	398	QOA1	0	0	0	0	67	46.0	1855	41	92	120	2.244	0.767	0.342	8.4	20.00
2255	40.7965	117.2655	-123.4	406	QG	0	0	0	0	73	46.2	1860	55	43	149	0.782	0.289	0.369	8.4	20.00
2256	40.7965	117.2662	-126.3	401	QG	0	0	0	0	62	46.1	1927	38	120	149	3.158	0.805	0.255	8.3	20.00
2257	40.7965	117.2669	-128.7	394	QG	0	0	0	0	65	45.9	1848	35	55	167	1.571	0.329	0.210	8.2	20.00
2258	40.7965	117.2676	-130.1	382	QG	0	0	0	0	64	45.6	1770	34	62	158	1.824	0.392	0.215	8.0	20.00
2259	40.7965	117.2684	-130.0	378	QG	0	0	1	0	74	45.5	1783	43	10	155	0.233	0.065	0.277	8.0	20.00
2260	40.7965	117.2691	-130.3	380	QG	0	0	0	0	56	45.5	1848	43	112	135	2.605	0.830	0.319	8.0	20.00
2261	40.7965	117.2698	-131.6	384	QG	0	0	0	0	71	45.6	1764	44	43	107	0.977	0.402	0.411	8.2	20.00
2262	40.7965	117.2705	-135.2	382	QG	0	0	0	0	66	45.6	1768	45	80	98	1.778	0.816	0.459	8.1	20.00
2263	40.7965	117.2712	-136.8	383	QG	0	0	0	0	63	45.6	1763	36	81	138	2.250	0.587	0.261	8.0	20.00
2264	40.7965	117.2719	-139.7	379	QG	0	0	0	0	70	45.5	1809	50	73	137	1.460	0.533	0.365	8.0	20.00
2265	40.7965	117.2727	-140.6	377	QOA1	0	0	0	0	61	43.8	1842	49	37	153	0.755	0.242	0.320	8.1	20.00
2266	40.7965	117.2734	-143.2	373	QOA1	0	0	0	0	67	43.7	1828	45	86	111	1.911	0.775	0.405	8.0	20.00
2267	40.7965	117.2741	-146.5	371	QOA1	0	0	0	0	71	43.6	1878	50	87	110	1.740	0.791	0.455	7.9	20.00
2268	40.7965	117.2748	-148.7	364	QOA1	0	0	0	0	72	43.4	1930	55	101	122	1.836	0.828	0.451	7.7	20.00
2269	40.7965	117.2755	-152.0	361	QOA1	0	0	0	0	59	43.4	1745	34	127	100	3.735	1.270	0.340	7.6	20.00
2270	40.7965	117.2762	-152.7	354	QOA1	0	0	0	0	70	43.2	1848	51	96	137	1.882	0.701	0.372	7.6	20.00
2271	40.7965	117.2770	-157.3	356	QOA1	0	0	0	0	63	43.2	1777	48	34	154	0.708	0.221	0.312	7.5	20.00
2272	40.7965	117.2777	-160.7	353	QOA1	0	0	0	0	67	43.1	1727	52	40	127	0.769	0.315	0.409	7.3	20.00
2273	40.7965	117.2784	-164.0	354	QOA1	0	0	0	0	65	43.2	1727	43	34	140	0.791	0.243	0.307	7.2	20.00
2274	40.7965	117.2791	-168.3	355	QOA1	0	0	0	0	63	43.2	1705	44	75	129	1.705	0.581	0.341	7.0	20.00
2275	40.7965	117.2798	-169.9	355	QOA1	0	0	0	0	63	43.2	1695	44	31	136	0.705	0.228	0.324	7.0	20.00
2276	40.7965	117.2805	-173.0	360	QOA1	0	0	0	0	68	43.3	1689	25	134	99	5.360	1.354	0.253	6.9	20.00
2277	40.7965	117.2813	-176.5	369	PIPH1	0	0	0	0	64	43.6	1729	44	61	132	1.386	0.462	0.333	6.8	20.00
2278	40.7965	117.2820	-178.9	386	PIPH1	0	0	0	0	62	44.0	1762	25	83	144	3.320	0.576	0.174	6.6	20.00
2279	40.7965	117.2827	-181.9	396	PIPH1	0	0	1	0	68	44.3	1735	43	-4	186	-0.093	-0.022	0.231	6.4	20.00
2280	40.7965	117.2834	-183.2	400	PIPH1	0	0	0	0	62	44.4	1686	26	97	123	3.731	0.789	0.211	6.1	20.00
2281	40.7965	117.2841	-186.1	400	PIPH1	0	0	0	0	65	44.4	1674	32	80	139	2.500	0.576	0.230	5.8	20.00
2282	40.7965	117.2848	-187.9	407	PIPH1	0	0	0	0	69	44.6	1661	26	107	97	4.115	1.103	0.268	5.7	20.00
2283	40.7965	117.2856	-189.7	412	PIPH1	0	0	0	0	64	44.7	1807	39	36	157	0.923	0.229	0.248	5.5	20.00
2284	40.7965	117.2863	-192.8	416	PIPH1	0	0	1	0	75	50.4	1723	39	16	154	0.410	0.104	0.253	5.3	20.00
2286	40.7965	117.2877	-198.9	424	PIPH1	0	0	1	0	65	50.7	1781	47	19	163	0.404	0.117	0.288	5.1	20.00
2287	40.7965	117.2884	-201.2	426	PIPH1	0	0	0	0	61	50.7	1754	46	36	160	0.783	0.225	0.288	4.9	20.00
2288	40.7965	117.2891	-204.6	424	PIPH1	0	0	0	0	71	50.7	1774	39	101	99	2.590	1.020	0.394	4.8	20.00
2289	40.7965	117.2899	-204.9	426	PIPH1	0	0	0	0	67	50.7	1821	40	33	158	0.825	0.209	0.253	4.7	20.00
2290	40.7965	117.2906	-205.5	428	PIPH1	0	0	0	0	64	50.8	1788	49	51	138	1.041	0.370	0.355	4.6	20.00
2291	40.7965	117.2913	-208.0	428	PIPH1	0	0	0	0	65	50.8	1878	36	68	168	1.889	0.405	0.214	4.6	20.00
2292	40.7965	117.2920	-211.4	431	PIPH1	0	0	0	0	58	50.9	1840	39	37	160	0.949	0.231	0.244	4.6	20.00
2293	40.7965	117.2927	-213.9	436	PIPH1	0	0	0	0	69	51.0	1929	27	72	197	2.667	0.365	0.137	4.6	20.00
2294	40.7965	117.2934	-217.3	427	PIPH1	0	0	0	0	61	50.8	1978	57	40	168	0.702	0.238	0.339	4.6	20.00
2295	40.7965	117.2942	-219.0	416	PIPH1	0	0	0	0	71	50.5	1881	37	136	99	3.676	1.374	0.374	4.7	20.00
2296	40.7965	117.2949	-219.7	410	PIPH1	0	0	0	0	61	50.3	1837	46	40	158	0.870	0.253	0.291	4.8	20.00
2297	40.7965	117.2956	-219.8	405	PIPH1	0	0	0	0	65	50.1	1827	51	79	108	1.549	0.731	0.472	4.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2298	40.7965	117.2963	-223.6	405	PIPH1	0	0	0	0	64	50.1	1922	42	103	122	2.452	0.844	0.344	4.8	20.00
2299	40.7965	117.2970	-225.6	397	PIPH1	0	0	0	0	61	49.9	1909	56	41	164	0.732	0.250	0.341	4.7	20.00
2300	40.7965	117.2977	-225.4	392	PIPH1	0	0	0	0	62	49.8	1954	44	90	118	2.045	0.763	0.373	4.8	20.00
2301	40.7965	117.2985	-227.6	388	PIPH1	0	0	1	0	73	49.6	1908	52	17	163	0.327	0.104	0.319	4.8	20.00
2302	40.7965	117.2992	-225.9	385	PIPH1	0	0	1	0	62	49.5	1874	51	-17	192	-0.333	-0.089	0.266	4.8	20.00
2303	40.7965	117.2999	-227.8	377	PIPH1	0	0	1	0	62	49.3	1875	58	-15	195	-0.259	-0.077	0.297	4.9	20.00
2304	40.7965	117.3006	-228.0	371	PIPH1	0	0	0	0	60	51.9	1858	44	78	132	1.773	0.591	0.333	5.0	20.00
2305	40.7965	117.3013	-228.4	364	PIPH1	0	0	0	0	68	51.7	1979	48	39	182	0.813	0.214	0.264	5.0	20.00
2306	40.7965	117.3020	-231.5	360	PIPH1	0	0	0	0	66	51.6	1870	45	47	169	1.044	0.278	0.266	5.0	20.00
2307	40.7965	117.3028	-231.3	363	PIPH1	0	0	0	0	65	51.7	1929	35	96	162	2.743	0.593	0.216	4.9	20.00
2308	40.7965	117.3035	-232.2	360	PIPH1	0	0	0	0	63	51.6	1945	44	104	155	2.364	0.671	0.284	4.9	20.00
2309	40.7965	117.3042	-232.8	362	PIPH1	0	0	0	0	62	51.6	1961	39	114	158	2.923	0.722	0.247	4.8	20.00
2310	40.7965	117.3049	-233.1	370	PIPH1	0	0	0	0	69	51.9	1846	40	43	162	1.075	0.265	0.247	4.7	20.00
2311	40.7965	117.3056	-233.6	376	PIPH1	0	0	0	0	63	52.1	1934	46	45	185	0.978	0.243	0.249	4.7	20.00
2312	40.7965	117.3064	-233.2	370	PIPH1	0	0	0	0	64	51.9	1942	38	108	176	2.842	0.614	0.216	4.6	20.00
2313	40.7965	117.3071	-232.4	366	PIPH1	0	0	0	0	62	51.8	1870	53	42	164	0.792	0.256	0.323	4.5	20.00
2314	40.7965	117.3078	-233.4	366	PIPH1	0	0	0	0	58	51.8	1914	44	42	190	0.955	0.221	0.232	4.6	20.00
2315	40.7965	117.3085	-235.7	373	PIPH1	0	0	0	0	65	52.0	1852	52	37	158	0.712	0.234	0.329	4.6	20.00
2316	40.7965	117.3092	-234.7	385	PIPH1	0	0	0	0	63	52.4	1875	38	91	137	2.395	0.664	0.277	4.6	20.00
2317	40.7965	117.3099	-236.3	390	PIPH1	0	0	1	0	63	52.5	1864	40	25	189	0.625	0.132	0.212	4.6	20.00
2318	40.7965	117.3107	-235.9	391	PIPH1	0	0	0	0	59	52.6	1914	54	28	159	0.519	0.176	0.340	4.6	20.00
2319	40.7965	117.3114	-235.9	396	PIPH1	0	0	0	0	61	52.7	1919	38	65	180	1.711	0.361	0.211	4.6	20.00
2320	40.7965	117.3120	-236.0	401	PIPH1	0	0	0	0	71	52.9	1874	40	94	163	2.350	0.577	0.245	4.7	20.00
2321	40.7965	117.3126	-235.6	402	PIPH1	0	0	0	0	60	52.9	1984	45	86	148	1.911	0.581	0.304	4.6	20.00
2322	40.7965	117.3132	-236.9	403	PIPH1	0	0	0	0	68	52.9	1873	54	86	124	1.593	0.694	0.435	4.6	20.00
2323	40.7965	117.3139	-236.1	401	PIPH1	0	0	0	0	66	57.2	1828	42	43	149	1.024	0.289	0.282	4.6	20.00
2324	40.7965	117.3145	-236.4	405	PIPH1	0	0	0	0	65	57.3	1813	33	60	167	1.818	0.359	0.198	4.8	20.00
2325	40.7965	117.3151	-237.3	403	PIPH1	0	0	0	0	68	57.2	1961	39	107	140	2.744	0.764	0.279	5.0	20.00
2326	40.7965	117.3158	-236.2	402	PIPH1	0	0	0	0	53	57.2	1958	40	45	181	1.125	0.249	0.221	5.2	20.00
2327	40.7965	117.3164	-237.0	400	PIPH1	0	0	0	0	69	57.1	1813	38	87	132	2.289	0.659	0.288	5.3	20.00
2328	40.7965	117.3170	-235.9	400	PIPH1	0	0	1	0	64	57.1	1922	62	-22	215	-0.355	-0.102	0.288	5.6	20.00
2329	40.7965	117.3176	-236.0	398	PIPH1	0	0	1	0	66	57.1	1979	52	8	175	0.154	0.046	0.297	5.8	20.00
2330	40.7965	117.3183	-236.9	399	PIPH1	0	0	0	0	67	57.1	1997	34	149	122	4.382	1.221	0.279	6.0	20.00
2331	40.7965	117.3189	-236.7	399	PIPH1	0	0	0	0	62	57.1	2060	52	79	152	1.519	0.520	0.342	6.1	20.00
2332	40.7965	117.3195	-236.9	396	PIPH1	0	0	0	0	63	57.0	1976	47	64	184	1.362	0.348	0.255	6.3	20.00
2333	40.7965	117.3201	-236.9	400	PIPH1	0	0	0	0	63	57.1	2023	45	83	149	1.844	0.557	0.302	6.4	20.00
2334	40.7965	117.3208	-237.8	405	PIPH1	0	0	0	0	60	57.3	2040	32	120	158	3.750	0.759	0.203	6.6	20.00
2335	40.7965	117.3214	-239.1	405	PIPH1	0	0	0	0	61	57.3	1964	34	73	180	2.147	0.406	0.189	6.9	20.00
2336	40.7965	117.3220	-238.5	407	PIPH1	0	0	0	0	68	57.4	2012	38	122	139	3.211	0.878	0.273	7.1	20.00
2337	40.7965	117.3226	-240.6	410	PIPH1	0	0	0	0	67	57.5	1996	37	116	160	3.135	0.725	0.231	7.4	20.00
2338	40.7965	117.3233	-239.7	413	PIPH1	0	0	1	0	63	57.6	1873	54	20	175	0.370	0.114	0.309	7.8	20.00
2339	40.7965	117.3239	-238.5	415	PIPH1	0	0	0	0	61	57.7	2049	55	57	191	1.036	0.298	0.288	8.1	20.00
2340	40.7965	117.3245	-237.6	422	PIPH1	0	0	0	0	62	57.9	2069	58	58	157	1.000	0.369	0.369	8.3	20.00
2341	40.7965	117.3251	-236.9	421	PIPH1	0	0	0	0	64	57.8	2069	39	85	189	2.179	0.450	0.206	8.3	20.00
2342	40.7965	117.3258	-237.7	432	PIPH1	0	0	0	0	66	57.9	2054	42	37	206	0.881	0.180	0.204	8.4	20.00
2343	40.7965	117.3264	-236.0	443	PIPH1	0	0	0	0	59	58.3	2188	44	135	127	3.068	1.063	0.346	8.3	20.00
2344	40.7965	117.3270	-235.5	450	PIPH1	0	0	0	0	64	58.5	2214	71	48	188	0.676	0.255	0.378	8.2	20.00
2345	40.7965	117.3276	-235.4	445	PIPH1	0	0	0	0	55	58.3	2181	43	121	169	2.814	0.716	0.254	8.0	20.00
2346	40.7965	117.3283	-235.6	434	PIPH1	0	0	0	0	64	58.0	2249	71	40	172	0.563	0.233	0.413	7.9	20.00
2347	40.7965	117.3289	-233.8	424	PIPH1	0	0	1	0	70	57.7	2148	66	18	192	0.273	0.094	0.344	7.7	20.00
2348	40.7964	117.3295	-236.0	418	PIPH1	0	0	0	0	68	57.5	2217	57	96	182	1.684	0.527	0.313	7.6	20.00
2349	40.7964	117.3301	-235.6	414	PIPH1	0	0	0	0	63	57.3	2202	64	70	172	1.094	0.407	0.372	7.7	20.00
2350	40.7964	117.3308	-237.0	410	PIPH1	0	0	0	0	63	57.2	2237	62	59	204	0.952	0.289	0.304	7.7	20.00
2351	40.7964	117.3314	-236.6	409	PIPH1	0	0	1	0	67	57.2	2213	63	23	205	0.365	0.112	0.307	7.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2352	40.7964	117.3320	-238.0	412	PIPH1	0	0	0	0	59	57.3	2172	58	69	187	1.190	0.369	0.310	7.7	20.00
2353	40.7964	117.3326	-238.0	417	PIPH1	0	0	0	0	70	57.4	2066	56	29	194	0.518	0.149	0.289	7.7	20.00
2354	40.7964	117.3333	-239.9	416	PIPH1	0	0	0	0	53	57.4	2095	45	76	199	1.689	0.382	0.226	7.7	20.00
2355	40.7964	117.3339	-240.1	410	PIPH1	0	0	0	0	69	57.2	2046	48	119	162	2.479	0.735	0.296	7.6	20.00
2356	40.7964	117.3345	-240.2	403	PIPH1	0	0	0	0	58	57.0	2015	50	63	180	1.260	0.350	0.278	7.6	20.00
2357	40.7964	117.3351	-239.7	397	PIPH1	0	0	0	0	64	56.8	2100	47	108	139	2.298	0.777	0.338	7.6	20.00
2358	40.7964	117.3358	-242.3	392	PIPH1	0	0	0	0	62	56.6	2134	53	43	210	0.811	0.205	0.252	7.6	20.00
2359	40.7964	117.3364	-240.4	391	PIPH1	0	0	0	0	68	56.6	2087	45	110	177	2.444	0.621	0.254	7.6	20.00
2360	40.7964	117.3370	-242.8	392	PIPH1	0	0	0	0	62	56.6	2212	41	86	231	2.098	0.372	0.177	7.6	20.00
2361	40.7964	117.3377	-242.6	392	PIPH1	0	0	0	0	62	56.9	2216	60	97	184	1.617	0.527	0.326	7.6	20.00
2362	40.7964	117.3383	-242.5	391	PIPH1	0	0	0	0	69	56.8	2163	37	145	163	3.919	0.890	0.227	7.6	20.00
2363	40.7964	117.3389	-241.4	391	PIPH1	0	0	1	0	66	56.8	2241	66	23	243	0.348	0.095	0.272	7.6	20.00
2364	40.7964	117.3395	-241.2	398	PIPH1	0	0	0	0	59	57.1	2075	52	86	178	1.654	0.483	0.292	7.5	20.00
2365	40.7964	117.3402	-242.4	409	QOA1	0	0	0	0	66	57.4	2114	56	52	173	0.929	0.301	0.324	7.4	20.00
2366	40.7964	117.3408	-240.2	420	QOA1	0	0	0	0	58	57.8	2145	45	127	180	2.822	0.706	0.250	7.4	20.00
2367	40.7964	117.3414	-239.3	423	QOA1	0	0	0	0	52	57.9	2068	33	73	212	2.212	0.344	0.156	7.3	20.00
2368	40.7964	117.3420	-238.7	424	QOA1	0	0	0	0	68	57.9	2084	47	33	214	0.702	0.154	0.220	7.2	20.00
2369	40.7964	117.3427	-237.0	423	QOA1	0	0	0	0	57	57.9	2093	39	75	184	1.923	0.408	0.212	7.0	20.00
2370	40.7964	117.3433	-236.9	425	QOA1	0	0	0	0	62	58.0	2047	32	99	161	3.094	0.615	0.199	7.0	20.00
2371	40.7964	117.3439	-234.7	431	QOA1	0	0	0	0	70	58.2	2067	51	91	140	1.784	0.650	0.364	6.9	20.00
2372	40.7964	117.3445	-233.5	436	QOA1	0	0	0	0	61	58.3	2092	40	70	210	1.750	0.333	0.190	7.0	20.00
2373	40.7964	117.3452	-233.6	443	QOA1	0	0	1	0	66	58.6	2014	52	4	199	0.077	0.020	0.261	7.1	20.00
2374	40.7964	117.3458	-232.1	455	QOA1	0	0	1	0	74	58.9	1964	47	15	181	0.319	0.083	0.260	7.2	20.00
2375	40.7964	117.3464	-230.9	459	QOA1	0	0	0	0	60	59.0	1988	36	79	153	2.194	0.516	0.235	7.2	20.00
2376	40.7964	117.3470	-229.6	450	QOA1	0	0	0	0	62	58.8	1839	37	70	139	1.892	0.504	0.266	7.1	20.00
2377	40.7964	117.3477	-229.3	439	QOA1	0	0	0	0	63	58.4	1882	43	62	164	1.442	0.378	0.262	7.0	20.00
2378	40.7964	117.3483	-227.5	430	QOA1	0	0	0	0	61	58.1	1807	43	77	118	1.791	0.653	0.364	6.9	20.00
2379	40.7964	117.3489	-227.9	423	QOA1	0	0	0	0	69	57.9	1901	47	27	149	0.574	0.181	0.315	6.7	20.00
2380	40.7964	117.3495	-223.1	417	QOA1	0	0	0	0	61	53.8	1823	37	60	159	1.622	0.377	0.233	6.6	20.00
2381	40.7964	117.3502	-221.4	418	QOA1	0	0	0	0	69	53.8	1855	35	35	166	1.000	0.211	0.211	6.5	20.00
2382	40.7964	117.3508	-220.0	420	QOA1	0	0	0	0	65	53.9	1946	39	55	195	1.410	0.282	0.200	6.4	20.00
2383	40.7964	117.3514	-217.9	417	QOA1	0	0	0	0	69	53.8	1977	39	76	190	1.949	0.400	0.205	6.4	20.00
2384	40.7963	117.3520	-214.0	419	QOA1	0	0	0	0	67	53.9	1992	29	78	155	2.690	0.503	0.187	6.4	20.00
2385	40.7963	117.3527	-214.3	419	QOA1	0	0	0	0	62	53.9	1933	49	36	186	0.735	0.194	0.263	6.3	20.00
2386	40.7963	117.3533	-210.7	415	QOA1	0	0	0	0	58	53.7	1905	42	96	141	2.286	0.681	0.298	6.2	20.00
2387	40.7963	117.3539	-209.4	413	QOA1	0	0	0	0	62	53.7	1996	56	49	198	0.875	0.247	0.283	6.0	20.00
2388	40.7963	117.3545	-205.7	411	QOA1	0	0	0	0	70	53.6	1939	41	37	185	0.902	0.200	0.222	5.8	20.00
2389	40.7963	117.3552	-204.6	417	QOA1	0	0	0	0	72	53.8	1996	37	47	197	1.270	0.239	0.188	5.5	20.00
2390	40.7963	117.3558	-200.6	420	QOA1	0	0	0	0	70	53.9	2084	38	134	164	3.526	0.817	0.232	5.3	20.00
2391	40.7963	117.3564	-198.5	418	QOA1	0	0	0	0	68	53.8	2049	33	52	225	1.576	0.231	0.147	5.3	20.00
2392	40.7963	117.3571	-193.6	417	QOA1	0	0	0	0	62	53.8	2026	54	72	178	1.333	0.404	0.303	5.3	20.00
2393	40.7963	117.3577	-191.7	417	QOA1	0	0	1	0	67	53.8	2016	58	19	180	0.328	0.106	0.322	5.2	20.00
2394	40.7963	117.3583	-188.1	414	QOA1	0	0	0	0	69	53.7	2078	41	48	207	1.171	0.232	0.198	5.2	20.00
2395	40.7963	117.3589	-184.8	410	QOA1	0	0	0	0	65	53.6	2086	45	64	189	1.422	0.339	0.238	5.2	20.00
2396	40.7963	117.3596	-182.7	408	QOA1	0	0	0	0	64	53.5	2070	59	87	140	1.475	0.621	0.421	5.2	20.00
2397	40.7963	117.3602	-180.8	401	QOA1	0	0	0	0	65	53.3	2138	48	91	172	1.896	0.529	0.279	5.1	20.00
2398	40.7963	117.3608	-176.9	401	QOA1	0	0	0	0	62	53.3	2083	35	60	206	1.714	0.291	0.170	5.1	20.00
2399	40.7963	117.3614	-174.3	405	QOA1	0	0	0	0	58	48.7	2173	48	95	202	1.979	0.470	0.238	5.1	20.00
2400	40.7963	117.3621	-172.7	401	QOA1	0	0	0	0	60	48.6	2046	42	123	167	2.929	0.737	0.251	4.9	20.00
2401	40.7963	117.3627	-169.0	405	QOA1	0	0	0	0	64	48.7	2131	44	62	213	1.409	0.291	0.207	4.9	20.00
2402	40.7963	117.3633	-167.3	411	QOA1	0	0	0	0	65	48.8	2073	28	93	202	3.321	0.460	0.139	4.8	20.00
2403	40.7963	117.3639	-167.1	424	QOA1	0	0	0	0	66	49.2	2064	46	92	186	2.000	0.495	0.247	4.7	20.00
2404	40.7963	117.3646	-165.8	438	QOA1	0	0	0	0	64	49.6	2137	42	65	191	1.548	0.340	0.220	4.7	20.00
2405	40.7963	117.3652	-163.9	440	QOA1	0	0	0	0	64	49.6	1967	30	103	174	3.433	0.592	0.172	4.6	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2406	40.7963	117.3658	-163.2	447	QOA1	0	0	0	0	57	49.8	1955	45	66	190	1.467	0.347	0.237	4.6	20.00
2407	40.7963	117.3664	-162.1	448	QOA1	0	0	0	0	64	49.9	2021	47	66	177	1.404	0.373	0.266	4.5	20.00
2408	40.7963	117.3671	-160.4	449	QOA1	0	0	0	0	59	49.9	1886	48	31	161	0.646	0.193	0.298	4.5	20.00
2409	40.7963	117.3677	-158.0	453	QOA1	0	0	0	0	59	50.0	1940	41	61	170	1.488	0.359	0.241	4.6	20.00
2410	40.7963	117.3683	-155.9	452	QOA1	0	0	1	0	66	50.0	1885	53	17	166	0.321	0.102	0.319	4.6	20.00
2411	40.7963	117.3689	-152.9	455	QOA1	0	0	0	0	67	50.0	1823	33	59	166	1.788	0.355	0.199	4.6	20.00
2412	40.7963	117.3696	-151.3	459	QOA1	0	0	0	0	65	50.1	1765	41	98	99	2.390	0.990	0.414	4.6	20.00
2413	40.7963	117.3702	-146.6	460	QOA1	0	0	0	0	65	50.2	1814	46	55	124	1.196	0.444	0.371	4.6	20.00
2414	40.7963	117.3708	-143.8	453	QOA1	0	0	1	0	65	50.0	1651	51	18	135	0.353	0.133	0.378	4.8	20.00
2415	40.7963	117.3714	-142.5	442	QOA1	0	0	0	0	63	49.7	1689	38	78	82	2.053	0.951	0.463	4.9	20.00
2416	40.7963	117.3721	-141.2	430	QOA1	0	0	0	0	59	49.4	1727	25	121	99	4.840	1.222	0.253	5.0	20.00
2417	40.7963	117.3727	-143.2	416	QOA1	0	0	0	0	64	49.0	1774	50	34	131	0.680	0.260	0.382	5.0	20.00
2418	40.7963	117.3733	-140.8	410	QOA1	0	0	1	0	66	41.4	1663	36	9	163	0.250	0.055	0.221	5.1	20.00
2419	40.7963	117.3739	-142.7	406	QOA1	0	0	0	0	61	41.3	1643	25	97	92	3.880	1.054	0.272	5.1	20.00
2420	40.7962	117.3746	-144.1	406	QOA1	0	0	0	0	63	41.3	1667	36	79	104	2.194	0.760	0.346	5.2	20.00
2421	40.7962	117.3752	-144.0	399	QOA1	0	0	0	0	66	41.2	1690	35	92	121	2.629	0.760	0.289	5.3	20.00
2422	40.7962	117.3758	-143.7	394	QOA1	0	0	0	0	69	41.1	1599	31	74	112	2.387	0.661	0.277	5.4	20.00
2423	40.7962	117.3764	-141.8	388	QOA1	0	0	0	0	70	40.9	1633	31	72	96	2.323	0.750	0.323	5.6	20.00
2424	40.7962	117.3771	-141.4	391	QOA1	0	0	0	0	71	41.0	1590	26	44	151	1.692	0.291	0.172	5.6	20.00
2425	40.7962	117.3777	-139.2	397	QOA1	0	0	0	0	72	41.1	1575	45	80	78	1.778	1.026	0.577	5.6	20.00
2426	40.7962	117.3783	-139.5	405	QOA1	0	0	0	0	65	41.3	1582	23	41	135	1.783	0.304	0.170	5.6	20.00
2427	40.7962	117.3790	-137.1	416	QOA1	0	0	0	0	68	41.6	1647	34	37	122	1.088	0.303	0.279	5.5	20.00
2428	40.7962	117.3796	-134.8	431	QOA1	0	0	0	0	71	41.9	1613	32	106	67	3.313	1.582	0.478	5.5	20.00
2429	40.7962	117.3802	-131.5	448	QOA1	0	0	0	0	64	42.3	1630	47	34	96	0.723	0.354	0.490	5.5	20.00
2430	40.7962	117.3808	-128.7	469	QOA1	0	0	0	0	69	42.8	1595	33	43	93	1.303	0.462	0.355	5.5	20.00
2431	40.7962	117.3815	-120.6	487	QOA1	0	0	0	0	61	43.2	1732	20	70	136	3.500	0.515	0.147	5.6	20.00
2432	40.7962	117.3821	-114.0	495	QOA1	0	0	0	0	68	43.4	1531	31	62	91	2.000	0.681	0.341	5.7	20.00
2433	40.7962	117.3827	-101.2	508	QOA1	0	0	1	0	68	43.7	1548	45	-17	111	-0.378	-0.153	0.405	5.7	20.00
2434	40.7962	117.3833	-85.7	524	QOA1	0	0	1	0	62	44.0	1596	41	17	110	0.415	0.155	0.373	5.6	20.00
2435	40.7962	117.3840	-70.7	534	QOA1	0	0	0	0	69	44.2	1474	30	34	79	1.133	0.430	0.380	5.6	20.00
2436	40.7962	117.3846	-56.2	516	QOA1	0	0	0	0	66	43.8	1419	23	59	63	2.565	0.937	0.365	5.6	20.00
2437	40.7962	117.3852	-41.1	491	QOA1	0	0	0	0	68	39.9	1430	19	46	114	2.421	0.404	0.167	5.6	20.00
2438	40.7962	117.3858	-26.0	452	QOA1	0	0	0	0	66	39.1	1399	22	79	80	3.591	0.987	0.275	5.6	20.00
2439	40.7962	117.3865	-10.9	417	QOA1	0	0	0	0	70	38.4	1394	28	23	91	0.821	0.253	0.308	5.6	20.00
2440	40.7962	117.3871	5.2	375	QOA1	0	0	0	0	65	37.4	1363	26	40	85	1.538	0.471	0.306	5.7	20.00
2441	40.7962	117.3877	20.1	350	QOA1	0	0	1	0	70	36.9	1200	23	15	95	0.652	0.158	0.242	5.9	20.00
2442	40.7962	117.3883	36.6	337	QOA1	0	0	1	0	66	36.5	1247	39	22	79	0.564	0.278	0.494	5.9	20.00
2443	40.7962	117.3890	55.8	335	QOA1	0	0	1	0	70	36.5	1303	28	10	81	0.357	0.123	0.346	5.9	20.00
2444	40.7962	117.3896	80.0	352	QOA1	0	0	0	0	60	36.9	1293	21	80	68	3.810	1.176	0.309	6.1	20.00
2445	40.7962	117.3902	108.4	379	QOA1	0	0	0	0	66	37.5	1360	23	32	100	1.391	0.320	0.230	6.2	20.00
2446	40.7962	117.3908	139.8	413	QOA1	0	0	0	0	69	38.3	1520	31	30	114	0.968	0.263	0.272	6.4	20.00
2447	40.7962	117.3915	176.4	442	QOA1	0	0	0	0	67	38.9	1500	36	58	88	1.611	0.659	0.409	6.6	20.00
2448	40.7962	117.3921	213.5	464	QOA1	0	0	0	0	65	39.4	1619	47	33	128	0.702	0.258	0.367	6.9	20.00
2449	40.7962	117.3927	248.8	486	QOA1	0	0	1	0	59	39.8	1657	58	6	126	0.103	0.048	0.460	7.1	20.00
2450	40.7962	117.3933	278.3	494	QYA	0	0	0	0	65	40.0	1830	39	47	169	1.205	0.278	0.231	7.4	20.00
2451	40.7962	117.3940	302.0	499	QYA	0	0	0	0	62	40.1	1899	46	53	137	1.152	0.387	0.336	7.7	20.00
2452	40.7962	117.3946	322.6	499	QYA	0	0	0	0	70	40.1	1901	34	69	163	2.029	0.423	0.209	7.9	20.00
2453	40.7962	117.3952	339.8	507	QYA	0	0	0	0	70	40.3	1975	42	66	161	1.571	0.410	0.261	8.2	20.00
2454	40.7962	117.3958	357.4	500	QYA	0	0	0	0	66	40.1	2036	40	91	171	2.275	0.532	0.234	8.4	20.00
2455	40.7962	117.3965	376.3	497	QYA	0	0	0	0	69	40.0	2010	34	90	185	2.647	0.486	0.184	8.7	20.00
2456	40.7961	117.3971	394.7	498	QYA	0	0	0	0	74	47.6	1962	45	59	145	1.311	0.407	0.310	8.9	20.00
2457	40.7961	117.3977	416.0	499	QYA	0	0	1	0	72	47.6	2009	65	-13	190	-0.200	-0.068	0.342	9.1	20.00
2459	40.7961	117.3990	449.8	497	QYA	0	0	0	0	68	47.6	2041	58	30	209	0.517	0.144	0.278	9.3	20.00
2460	40.7961	117.3996	455.7	498	QYA	0	0	0	0	67	47.6	1987	37	90	182	2.432	0.495	0.203	9.6	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2461	40.7961	117.4002	450.6	496	QYA	0	0	1	0	67	47.6	1957	55	-7	173	-0.127	-0.040	0.318	9.8	20.00
2462	40.7961	117.4009	436.7	495	QYA	0	0	1	0	66	47.5	1989	46	-14	210	-0.304	-0.067	0.219	10.0	20.00
2463	40.7961	117.4015	420.3	492	QYA	0	0	0	0	69	47.5	1909	61	28	137	0.459	0.204	0.445	10.3	20.00
2464	40.7961	117.4021	403.5	491	QYA	0	0	0	0	63	47.4	2014	43	80	175	1.860	0.457	0.246	10.5	20.00
2465	40.7961	117.4027	389.9	494	QYA	0	0	0	0	69	47.5	1976	42	44	178	1.048	0.247	0.236	10.8	20.00
2466	40.7961	117.4034	377.6	472	QYA	0	0	0	0	68	47.0	2003	32	113	133	3.531	0.850	0.241	10.8	20.00
2467	40.7961	117.4040	366.8	452	QYA	0	0	0	0	65	46.5	1987	56	47	157	0.839	0.299	0.357	11.0	20.00
2468	40.7961	117.4046	354.6	438	QYA	0	0	0	0	62	46.1	1991	62	67	143	1.081	0.469	0.434	11.1	20.00
2469	40.7961	117.4052	332.3	424	QYA	0	0	1	0	79	45.8	2008	55	20	168	0.364	0.119	0.327	11.2	20.00
2470	40.7961	117.4059	312.7	425	QYA	0	0	0	0	66	45.8	2040	51	67	150	1.314	0.447	0.340	11.2	20.00
2471	40.7961	117.4065	297.0	441	QYA	0	0	1	0	72	46.2	1965	48	23	186	0.479	0.124	0.258	11.3	20.00
2472	40.7961	117.4071	289.2	447	QYA	0	0	0	0	66	46.4	1931	58	32	150	0.552	0.213	0.387	11.4	20.00
2473	40.7961	117.4077	289.1	451	QYA	0	0	0	0	83	46.4	2033	61	38	178	0.623	0.213	0.343	11.4	20.00
2474	40.7961	117.4084	292.5	454	QYA	0	0	0	0	72	46.5	2113	45	76	144	1.689	0.528	0.313	11.4	20.00
2475	40.7961	117.4090	293.3	443	QYA	0	0	0	0	71	46.2	2100	67	96	137	1.433	0.701	0.489	11.3	20.00
2476	40.7961	117.4096	290.9	434	QYA	0	0	1	0	71	58.1	2113	62	20	177	0.323	0.113	0.350	11.3	20.00
2477	40.7961	117.4102	289.0	428	QYA	0	0	0	0	74	57.9	2145	55	113	138	2.055	0.819	0.399	11.3	20.00
2478	40.7961	117.4109	290.3	422	QYA	0	0	0	0	70	57.7	2174	47	90	181	1.915	0.497	0.260	11.4	20.00
2479	40.7961	117.4115	290.4	414	QYA	0	0	0	0	62	57.4	2182	58	82	198	1.414	0.414	0.293	11.4	20.00
2480	40.7961	117.4121	291.3	416	QYA	0	0	0	0	71	57.5	2039	53	81	170	1.528	0.476	0.312	11.4	20.00
2481	40.7961	117.4127	288.5	422	QYA	0	0	0	0	60	57.7	2100	56	33	188	0.589	0.176	0.298	11.6	20.00
2482	40.7961	117.4134	286.6	423	QYA	0	0	0	0	73	57.7	1945	47	31	165	0.660	0.188	0.285	11.6	20.00
2483	40.7961	117.4140	283.8	420	QYA	0	0	0	0	68	57.6	2054	62	60	136	0.968	0.441	0.456	11.7	20.00
2484	40.7961	117.4146	282.0	406	QYA	0	0	0	0	73	57.2	1947	41	64	164	1.561	0.390	0.250	11.8	20.00
2485	40.7961	117.4152	282.1	399	QYA	0	0	0	0	68	56.9	1938	46	63	119	1.370	0.529	0.387	11.9	20.00
2486	40.7961	117.4159	281.6	387	QYA	0	0	0	0	72	56.5	1965	58	58	116	1.000	0.500	0.500	12.0	20.00
2487	40.7961	117.4165	284.5	381	QYA	0	0	0	0	77	56.3	2019	41	68	177	1.659	0.384	0.232	12.1	20.00
2488	40.7961	117.4171	289.4	381	QYA	0	0	0	0	75	56.3	2143	43	49	184	1.140	0.266	0.234	12.2	20.00
2489	40.7961	117.4177	295.8	383	QOA1	0	0	1	0	70	56.4	2017	67	24	144	0.358	0.167	0.465	12.2	20.00
2490	40.7961	117.4184	298.7	388	QOA1	0	0	0	0	72	56.5	2017	55	98	137	1.782	0.715	0.401	12.2	20.00
2491	40.7961	117.4190	300.2	403	QOA1	0	0	0	0	69	57.1	2105	48	88	146	1.833	0.603	0.329	12.2	20.00
2492	40.7960	117.4196	303.2	410	QOA1	0	0	0	0	70	57.3	2011	54	91	144	1.685	0.632	0.375	12.2	20.00
2493	40.7960	117.4202	306.3	384	QOA1	0	0	0	0	75	56.4	2008	58	31	178	0.534	0.174	0.326	12.0	20.00
2494	40.7960	117.4209	314.2	348	QOA1	0	0	0	0	73	55.2	1896	38	64	151	1.684	0.424	0.252	12.0	20.00
2495	40.7960	117.4215	326.4	323	QOA1	0	0	1	0	70	68.8	1912	51	9	166	0.176	0.054	0.307	12.1	20.00
2496	40.7960	117.4221	347.9	308	QOA1	0	0	1	0	72	68.2	1979	65	8	182	0.123	0.044	0.357	12.1	20.00
2497	40.7960	117.4228	378.3	318	QOA1	0	0	0	0	67	68.6	1964	52	65	133	1.250	0.489	0.391	12.0	20.00
2498	40.7960	117.4234	425.4	341	QOA1	0	0	0	0	71	69.6	2023	40	50	175	1.250	0.286	0.229	11.9	20.00
2499	40.7960	117.4240	474.5	366	QOA1	0	0	1	0	76	70.7	2045	53	16	152	0.302	0.105	0.349	11.8	20.00
2500	40.7960	117.4246	493.4	371	QOA1	0	0	0	0	68	71.0	2132	64	41	171	0.641	0.240	0.374	11.6	20.00
2501	40.7960	117.4253	467.1	373	QOA1	0	0	0	0	73	71.1	2029	59	65	153	1.102	0.425	0.386	11.4	20.00
2502	40.7960	117.4259	404.6	381	QOA1	0	0	0	0	63	71.4	2002	54	80	100	1.481	0.800	0.540	11.3	20.00
2503	40.7960	117.4265	341.0	386	QOA1	0	0	0	0	66	71.7	2177	53	59	205	1.113	0.288	0.259	11.1	20.00
2504	40.7960	117.4271	316.2	390	QOA1	0	0	1	0	69	71.8	2162	53	25	207	0.472	0.121	0.256	10.9	20.00
2505	40.7960	117.4278	321.4	395	QOA1	0	0	0	0	70	72.0	2062	47	121	115	2.574	1.052	0.409	10.7	20.00
2506	40.7960	117.4284	339.1	404	QOA1	0	0	0	0	63	72.4	2081	62	55	154	0.887	0.357	0.403	10.5	20.00
2507	40.7960	117.4290	356.5	405	QOA1	0	0	0	0	66	72.5	2119	56	49	169	0.875	0.290	0.331	10.3	20.00
2508	40.7960	117.4296	369.4	412	QOA1	0	0	0	0	70	72.8	2098	62	46	150	0.742	0.307	0.413	10.2	20.00
2509	40.7960	117.4303	379.4	421	QOA1	0	0	0	0	75	73.1	2233	56	49	178	0.875	0.275	0.315	10.0	20.00
2510	40.7960	117.4309	386.3	425	QOA1	0	0	0	0	60	73.3	2202	56	64	192	1.143	0.333	0.292	9.8	20.00
2511	40.7960	117.4315	386.9	422	QOA1	0	0	0	0	66	73.2	2282	66	92	170	1.394	0.541	0.388	9.6	20.00
2512	40.7960	117.4321	370.8	417	QOA1	0	0	0	0	65	72.9	2312	60	87	152	1.450	0.572	0.395	9.4	20.00
2513	40.7960	117.4328	344.9	414	QOA1	0	0	0	0	68	72.8	2335	73	57	176	0.781	0.324	0.415	9.1	20.00
2514	40.7960	117.4334	324.9	408	QOA1	0	0	0	0	69	66.8	2302	55	127	153	1.954	0.830	0.425	8.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2515	40.7960	117.4340	318.6	407	QOA1	0	0	1	0	69	66.8	2427	92	9	203	0.098	0.044	0.453	8.7	20.00
2516	40.7960	117.4346	319.2	406	QOA1	0	0	0	0	69	66.7	2469	85	45	232	0.529	0.194	0.366	8.4	20.00
2517	40.7960	117.4353	324.6	410	QOA1	0	0	1	0	69	66.9	2466	83	25	251	0.301	0.100	0.331	8.2	20.00
2518	40.7960	117.4359	331.0	406	QOA1	0	0	0	0	73	66.7	2435	72	102	146	1.417	0.699	0.493	8.1	20.00
2519	40.7960	117.4365	335.6	398	QOA1	0	0	0	0	64	66.4	2518	57	147	190	2.579	0.774	0.300	8.0	20.00
2520	40.7960	117.4370	334.4	390	QOA1	0	0	0	0	73	66.1	2447	65	129	165	1.985	0.782	0.394	8.0	20.00
2521	40.7959	117.4375	330.5	384	QOA1	0	0	0	0	69	65.9	2434	78	64	176	0.821	0.364	0.443	8.0	20.00
2522	40.7959	117.4380	326.5	382	QOA1	0	0	0	0	65	65.8	2554	64	137	202	2.141	0.678	0.317	7.8	20.00
2523	40.7959	117.4386	324.2	381	QOA1	0	0	0	0	65	65.7	2585	77	103	250	1.338	0.412	0.308	7.8	20.00
2524	40.7959	117.4391	322.3	382	QOA1	0	0	0	0	70	65.8	2584	77	152	203	1.974	0.749	0.379	7.8	20.00
2525	40.7958	117.4396	316.9	381	QOA1	0	0	0	0	68	65.7	2630	83	64	253	0.771	0.253	0.328	7.8	20.00
2526	40.7958	117.4401	311.8	379	QOA1	0	0	0	0	74	65.7	2638	72	191	161	2.653	1.186	0.447	7.7	20.00
2527	40.7958	117.4406	309.9	377	QOA1	0	0	0	0	68	65.6	2675	84	87	232	1.036	0.375	0.362	7.6	20.00
2528	40.7958	117.4411	312.4	371	IPP1	0	0	0	0	59	65.3	2668	87	142	194	1.632	0.732	0.448	7.6	20.00
2529	40.7958	117.4416	320.2	362	IPP1	0	0	0	0	67	65.0	2737	71	144	277	2.028	0.520	0.256	7.6	20.00
2530	40.7957	117.4421	332.0	353	IPP1	0	0	1	0	67	64.6	2754	89	23	307	0.258	0.075	0.290	7.5	20.00
2531	40.7957	117.4426	347.8	344	IPP1	0	0	0	0	69	64.2	2836	69	152	256	2.203	0.594	0.270	7.4	20.00
2532	40.7957	117.4431	349.3	330	IPP1	0	0	0	0	74	63.6	2813	107	79	232	0.738	0.341	0.461	7.3	20.00
2533	40.7957	117.4436	311.4	318	IPP1	0	0	0	0	80	60.5	2870	91	157	278	1.725	0.565	0.327	7.3	20.00
2534	40.7957	117.4442	235.6	305	IPP1	0	0	0	0	74	60.0	2879	98	70	280	0.714	0.250	0.350	7.3	20.00
2535	40.7956	117.4447	156.0	299	IPP1	0	0	0	0	71	59.7	2876	109	132	263	1.211	0.502	0.414	7.1	20.00
2536	40.7956	117.4452	97.9	302	IPP1	0	0	0	0	73	59.9	2841	81	151	231	1.864	0.654	0.351	6.9	20.00
2537	40.7956	117.4457	58.7	306	IPP1	0	0	0	0	80	60.1	2755	96	97	247	1.010	0.393	0.389	6.9	20.00
2538	40.7956	117.4462	31.9	308	IPP1	0	0	0	0	71	60.1	2525	68	166	201	2.441	0.826	0.338	6.8	20.00
2539	40.7956	117.4467	12.2	304	IPP1	0	0	0	0	73	60.0	2612	65	117	250	1.800	0.468	0.260	6.7	20.00
2540	40.7955	117.4472	-5.3	312	IPP1	0	0	0	0	72	60.3	2424	78	108	193	1.385	0.560	0.404	6.6	20.00
2541	40.7955	117.4477	-17.9	353	IPP1	0	0	0	0	78	62.0	2619	85	108	206	1.271	0.524	0.413	6.6	20.00
2542	40.7955	117.4482	-29.8	409	IPP1	0	0	0	0	77	64.1	2584	72	100	227	1.389	0.441	0.317	6.5	20.00
2543	40.7955	117.4487	-42.7	461	IPP1	0	0	0	0	72	66.0	2689	91	107	188	1.176	0.569	0.484	6.5	20.00
2544	40.7955	117.4493	-52.8	496	IPP1	0	0	0	0	70	67.2	2745	82	123	205	1.500	0.600	0.400	6.5	20.00
2545	40.7954	117.4498	-60.9	500	IPP1	0	0	0	0	73	67.3	2588	50	56	258	1.120	0.217	0.194	6.4	20.00
2546	40.7954	117.4503	-70.3	497	IPP1	0	0	0	0	75	67.2	2778	96	105	221	1.094	0.475	0.434	6.3	20.00
2547	40.7954	117.4508	-77.4	497	IPP1	0	0	0	0	79	67.2	2545	84	68	175	0.810	0.389	0.480	6.2	20.00
2548	40.7954	117.4513	-83.0	497	IPP1	0	0	0	0	63	67.2	2594	49	160	197	3.265	0.812	0.249	6.1	20.00
2549	40.7954	117.4518	-87.4	496	IPP1	0	0	0	0	71	67.2	2528	103	43	188	0.417	0.229	0.548	6.1	20.00
2550	40.7953	117.4523	-94.0	498	IPP1	0	0	0	0	68	67.2	2663	101	109	161	1.079	0.677	0.627	6.0	20.00
2551	40.7953	117.4528	-98.9	498	IPP1	0	0	0	0	71	67.2	2520	77	76	184	1.041	0.413	0.397	6.0	20.00
2552	40.7953	117.4533	-103.8	497	IPP1	0	0	0	0	74	57.5	2546	70	115	187	1.643	0.615	0.374	5.9	20.00
2553	40.7953	117.4538	-107.5	495	IPP1	0	0	0	0	70	57.4	2611	72	124	189	1.722	0.656	0.381	5.9	20.00
2554	40.7953	117.4543	-112.0	477	IPP1	0	0	0	0	71	56.9	2538	71	91	201	1.282	0.453	0.353	5.9	20.00
2555	40.7952	117.4549	-115.4	448	IPP1	0	0	0	0	77	56.0	2493	68	101	191	1.485	0.529	0.356	5.8	20.00
2556	40.7952	117.4554	-117.9	433	IPP1	0	0	0	0	68	55.6	2432	83	58	219	0.699	0.265	0.379	5.7	20.00
2557	40.7952	117.4559	-119.4	439	IPP1	0	0	0	0	75	55.7	2588	87	90	213	1.034	0.423	0.408	5.7	20.00
2558	40.7952	117.4564	-120.4	455	IPP1	0	0	0	0	74	56.2	2577	76	114	173	1.500	0.659	0.439	5.6	20.00
2559	40.7952	117.4569	-121.9	446	IPP1	0	0	0	0	67	56.0	2638	65	63	262	0.969	0.240	0.248	5.6	20.00
2560	40.7951	117.4574	-123.4	430	IPP1	0	0	0	0	72	55.5	2617	87	75	229	0.862	0.328	0.380	5.5	20.00
2561	40.7951	117.4579	-124.1	417	IPP1	0	0	1	0	68	55.1	2586	88	20	242	0.227	0.083	0.364	5.5	20.00
2562	40.7951	117.4584	-125.8	405	IPP1	0	0	0	0	68	54.7	2568	78	130	186	1.667	0.699	0.419	5.4	20.00
2563	40.7951	117.4589	-128.8	393	IPP1	0	0	0	0	74	54.3	2595	87	38	244	0.437	0.156	0.357	5.4	20.00
2564	40.7951	117.4594	-131.5	384	IPP1	0	0	0	0	77	54.0	2582	65	84	252	1.292	0.333	0.258	5.4	20.00
2565	40.7950	117.4599	-133.7	375	IPP1	0	0	0	0	74	53.7	2575	66	127	202	1.924	0.629	0.327	5.4	20.00
2566	40.7950	117.4605	-138.0	360	IPP1	0	0	0	0	65	53.2	2461	89	77	192	0.865	0.401	0.464	5.4	20.00
2567	40.7950	117.4610	-143.0	346	IPP1	0	0	0	0	79	52.7	2493	63	82	240	1.302	0.342	0.262	5.3	20.00
2568	40.7950	117.4615	-149.8	359	IPP1	0	0	0	0	69	53.2	2517	79	76	217	0.962	0.350	0.364	5.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2569	40.7950	117.4620	-152.7	383	IPP1	0	0	0	0	65	54.0	2680	59	177	207	3.000	0.855	0.285	5.2	20.00
2570	40.7949	117.4625	-155.9	398	IPP1	0	0	0	0	73	54.5	2556	69	71	242	1.029	0.293	0.285	5.1	20.00
2571	40.7949	117.4630	-158.8	396	IPP1	0	0	0	0	78	56.4	2332	58	85	205	1.466	0.415	0.283	5.0	20.00
2572	40.7949	117.4635	-163.6	406	IPP1	0	0	0	0	74	56.7	2406	55	93	221	1.691	0.421	0.249	4.9	20.00
2573	40.7949	117.4640	-167.8	434	IPP1	0	0	0	0	81	57.6	2314	80	49	189	0.612	0.259	0.423	4.9	20.00
2574	40.7949	117.4645	-174.1	465	IPP1	0	0	0	0	73	58.6	2430	67	71	214	1.060	0.332	0.313	4.8	20.00
2575	40.7948	117.4650	-178.8	455	IPP1	0	0	0	0	84	58.3	2256	57	62	203	1.088	0.305	0.281	4.7	20.00
2576	40.7948	117.4656	-184.7	427	IPP1	0	0	0	0	83	57.4	2167	53	63	166	1.189	0.380	0.319	4.6	20.00
2577	40.7948	117.4661	-188.8	407	IPP1	0	0	0	0	73	56.7	2027	51	112	130	2.196	0.862	0.392	4.5	20.00
2578	40.7948	117.4666	-193.7	396	IPP1	0	0	0	0	69	56.4	1933	64	29	169	0.453	0.172	0.379	4.5	20.00
2579	40.7948	117.4671	-197.9	386	IPP1	0	0	0	0	81	56.0	2026	52	46	171	0.885	0.269	0.304	4.4	20.00
2580	40.7947	117.4676	-199.3	389	IPP1	0	0	0	0	68	56.1	1995	49	51	181	1.041	0.282	0.271	4.3	20.00
2581	40.7947	117.4681	-202.8	400	IPP1	0	0	1	0	71	56.5	2002	51	26	187	0.510	0.139	0.273	4.2	20.00
2582	40.7947	117.4686	-203.1	412	IPP1	0	0	0	0	65	56.9	1922	48	44	155	0.917	0.284	0.310	4.2	20.00
2583	40.7947	117.4691	-206.2	418	IPP1	0	0	0	0	69	57.1	1882	44	71	134	1.614	0.530	0.328	4.0	20.00
2584	40.7947	117.4696	-208.0	428	IPP1	0	0	0	0	79	57.4	2044	68	77	114	1.132	0.675	0.596	3.9	20.00
2585	40.7946	117.4701	-211.2	442	IPP1	0	0	0	0	77	57.9	2194	63	87	140	1.381	0.621	0.450	3.7	20.00
2586	40.7946	117.4706	-214.8	445	IPP1	0	0	0	0	69	58.0	2384	85	63	162	0.741	0.389	0.525	3.6	20.00
2587	40.7946	117.4712	-217.2	440	IPP1	0	0	0	0	76	57.8	2340	56	44	249	0.786	0.177	0.225	3.6	20.00
2588	40.7946	117.4717	-220.8	445	IPP1	0	0	0	0	79	58.0	2462	68	152	130	2.235	1.169	0.523	3.4	20.00
2589	40.7946	117.4722	-224.2	441	IPP1	0	0	0	0	65	57.8	2525	76	113	193	1.487	0.585	0.394	3.3	20.00
2590	40.7945	117.4727	-225.8	419	IPP1	0	0	0	0	67	56.6	2403	57	161	144	2.825	1.118	0.396	3.3	20.00
2591	40.7945	117.4732	-228.8	405	IPP1	0	0	0	0	75	56.2	2361	62	56	215	0.903	0.260	0.288	3.2	20.00
2592	40.7945	117.4737	-230.9	409	IPP1	0	0	0	0	69	56.3	2381	64	88	211	1.375	0.417	0.303	3.1	20.00
2593	40.7945	117.4742	-233.4	417	IPP1	0	0	0	0	71	56.6	2417	54	132	195	2.444	0.677	0.277	3.0	20.00
2594	40.7945	117.4747	-237.7	431	IPP1	0	0	0	0	69	57.0	2384	57	109	196	1.912	0.556	0.291	2.9	20.00
2595	40.7944	117.4752	-240.6	433	IPP1	0	0	0	0	85	57.1	2359	56	79	169	1.411	0.467	0.331	2.9	20.00
2596	40.7944	117.4757	-243.9	437	IPP1	0	0	0	0	85	57.2	2329	61	55	219	0.902	0.251	0.279	2.8	20.00
2597	40.7944	117.4762	-246.3	434	IPP1	0	0	0	0	76	57.1	2189	36	142	131	3.944	1.084	0.275	2.8	20.00
2598	40.7944	117.4768	-249.9	435	IPP1	0	0	0	0	74	57.1	2282	53	98	214	1.849	0.458	0.248	2.8	20.00
2599	40.7944	117.4773	-252.0	449	IPP1	0	0	0	0	72	57.6	2224	44	83	195	1.886	0.426	0.226	2.8	20.00
2600	40.7943	117.4778	-253.4	436	QOA1	0	0	0	0	80	57.2	2294	62	70	210	1.129	0.333	0.295	2.7	20.00
2601	40.7943	117.4783	-254.5	416	QOA1	0	0	0	0	80	56.5	2153	43	72	196	1.674	0.367	0.219	2.6	20.00
2602	40.7943	117.4788	-254.6	419	QOA1	0	0	0	0	82	56.6	2175	46	78	180	1.696	0.433	0.256	2.5	20.00
2603	40.7943	117.4793	-255.2	422	QOA1	0	0	0	0	72	56.7	2071	52	56	162	1.077	0.346	0.321	2.5	20.00
2604	40.7943	117.4798	-257.1	418	QOA1	0	0	1	0	77	56.6	1959	43	9	180	0.209	0.050	0.239	2.3	20.00
2605	40.7942	117.4803	-260.5	413	QOA1	0	0	0	0	80	56.4	2076	50	47	178	0.940	0.264	0.281	2.3	20.00
2606	40.7942	117.4808	-266.4	407	QOA1	0	0	0	0	81	56.2	1982	46	33	150	0.717	0.220	0.307	2.2	20.00
2607	40.7942	117.4813	-269.4	398	QOA1	0	0	1	0	84	55.9	1909	62	-9	149	-0.145	-0.060	0.416	2.1	20.00
2608	40.7942	117.4819	-274.1	385	QOA1	0	0	0	0	81	55.5	1887	31	86	150	2.774	0.573	0.207	2.1	20.00
2609	40.7942	117.4824	-275.6	376	QOA1	0	0	0	0	81	49.4	1859	35	96	144	2.743	0.667	0.243	2.1	20.00
2610	40.7941	117.4829	-278.5	375	QOA1	0	0	0	0	77	49.3	1892	32	114	122	3.563	0.934	0.262	2.0	20.00
2611	40.7941	117.4834	-279.1	378	QOA1	0	0	0	0	78	49.4	1906	39	53	152	1.359	0.349	0.257	1.9	20.00
2612	40.7941	117.4839	-280.2	375	QOA1	0	0	0	0	75	49.3	1886	42	37	158	0.881	0.234	0.266	1.9	20.00
2613	40.7941	117.4844	-281.7	358	QOA1	0	0	0	0	82	48.8	1799	38	125	87	3.289	1.437	0.437	1.8	20.00
2614	40.7941	117.4849	-279.5	340	QOA1	0	0	1	0	76	48.3	1772	46	22	131	0.478	0.168	0.351	1.8	20.00
2615	40.7940	117.4854	-278.4	332	QOA1	0	0	0	0	80	48.0	1763	42	71	99	1.690	0.717	0.424	1.8	20.00
2616	40.7940	117.4859	-277.1	332	QOA1	0	0	0	0	80	48.0	1803	57	46	95	0.807	0.484	0.600	1.7	20.00
2617	40.7940	117.4864	-275.4	338	QOA1	0	0	1	0	75	48.2	1822	39	23	166	0.590	0.139	0.235	1.7	20.00
2618	40.7940	117.4869	-274.3	341	QOA1	0	0	0	0	79	48.3	1854	42	63	140	1.500	0.450	0.300	1.7	20.00
2619	40.7940	117.4875	-273.6	340	QOA1	0	0	0	0	78	48.3	1837	36	67	127	1.861	0.528	0.283	1.7	20.00
2620	40.7939	117.4880	-274.3	340	QOA1	0	0	0	0	79	48.3	1911	52	62	111	1.192	0.559	0.468	1.7	20.00
2621	40.7939	117.4885	-274.9	337	QOA1	0	0	0	0	88	48.2	1851	44	29	165	0.659	0.176	0.267	1.7	20.00
2622	40.7939	117.4890	-278.1	338	QOA1	0	0	1	0	93	48.2	1819	41	16	156	0.390	0.103	0.263	1.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2623	40.7939	117.4895	-282.6	350	QOA1	0	0	0	0	81	48.6	1875	40	104	125	2.600	0.832	0.320	1.7	20.00
2624	40.7938	117.4900	-282.6	363	QOA1	0	0	0	0	75	49.0	1779	37	45	147	1.216	0.306	0.252	1.7	20.00
2625	40.7938	117.4905	-283.6	376	QOA1	0	0	1	0	83	49.4	1835	49	16	144	0.327	0.111	0.340	1.7	20.00
2626	40.7938	117.4910	-285.4	382	QOA1	0	0	1	0	71	49.5	1822	53	8	162	0.151	0.049	0.327	1.8	20.00
2627	40.7938	117.4915	-287.0	392	QOA1	0	0	0	0	81	49.9	1855	29	52	166	1.793	0.313	0.175	1.8	20.00
2628	40.7938	117.4920	-287.3	401	QOA1	0	0	0	0	78	43.0	1751	25	73	147	2.920	0.497	0.170	1.8	20.00
2629	40.7937	117.4926	-288.1	406	QOA1	0	0	0	0	86	43.2	1815	41	55	143	1.341	0.385	0.287	1.9	20.00
2630	40.7937	117.4931	-287.5	411	QOA1	0	0	0	0	85	43.3	1788	37	97	103	2.622	0.942	0.359	1.9	20.00
2631	40.7937	117.4936	-287.9	399	QOA1	0	0	0	0	85	43.0	1763	31	44	139	1.419	0.317	0.223	1.9	20.00
2632	40.7937	117.4941	-287.4	392	QOA1	0	0	0	0	91	42.8	1729	37	30	148	0.811	0.203	0.250	1.9	20.00
2633	40.7937	117.4946	-287.9	409	QOA1	0	0	0	0	88	43.2	1784	16	97	129	6.063	0.752	0.124	2.0	20.00
2634	40.7936	117.4951	-287.2	437	QOA1	0	0	0	0	77	43.9	1799	29	99	103	3.414	0.961	0.282	2.0	20.00
2635	40.7936	117.4956	-283.5	479	QOA1	0	0	0	0	85	44.9	1943	36	103	113	2.861	0.912	0.319	2.0	20.00
2636	40.7936	117.4961	-282.3	490	QOA1	0	0	0	0	92	45.2	2029	30	116	162	3.867	0.716	0.185	2.0	20.00
2637	40.7936	117.4966	-279.6	475	QOA1	0	0	0	0	89	44.8	2039	29	98	154	3.379	0.636	0.188	2.1	20.00
2638	40.7936	117.4971	-277.3	438	QOA1	0	0	0	0	91	44.0	1929	36	107	108	2.972	0.991	0.333	2.1	20.00
2639	40.7935	117.4976	-276.1	413	QOA1	0	0	0	0	83	43.3	1932	48	81	126	1.688	0.643	0.381	2.1	20.00
2640	40.7935	117.4982	-276.2	390	EP1	0	0	0	0	73	42.8	1931	45	60	170	1.333	0.353	0.265	2.1	20.00
2641	40.7935	117.4987	-274.3	357	EP1	0	0	0	0	81	41.9	1900	43	87	129	2.023	0.674	0.333	2.2	20.00
2642	40.7935	117.4992	-273.5	318	EP1	0	0	0	0	88	40.9	1693	43	67	113	1.558	0.593	0.381	2.2	20.00
2643	40.7935	117.4997	-272.9	287	EP1	0	0	0	0	85	40.0	1503	21	89	100	4.238	0.890	0.210	2.3	20.00
2644	40.7934	117.5002	-273.3	283	EP1	0	0	1	0	87	39.9	1395	28	5	113	0.179	0.044	0.248	2.3	20.00
2645	40.7934	117.5007	-272.5	304	EP1	0	0	0	0	84	40.5	1506	31	43	106	1.387	0.406	0.292	2.4	20.00
2646	40.7934	117.5012	-272.4	332	EP1	0	0	0	0	83	41.2	1691	44	82	104	1.864	0.788	0.423	2.4	20.00
2647	40.7934	117.5017	-272.1	353	EP1	0	0	0	0	93	33.5	1735	44	71	80	1.614	0.888	0.550	2.4	20.00
2648	40.7934	117.5022	-273.9	365	EP1	0	0	0	0	88	33.8	1790	41	26	152	0.634	0.171	0.270	2.4	20.00
2649	40.7933	117.5027	-275.0	369	EP1	0	0	0	0	94	33.8	1773	39	38	135	0.974	0.281	0.289	2.3	20.00
2650	40.7933	117.5032	-275.7	361	EP1	0	0	0	0	90	33.7	1796	20	113	114	5.650	0.991	0.175	2.4	20.00
2652	40.7933	117.5043	-279.0	356	EP1	0	0	0	0	95	33.6	1610	27	59	121	2.185	0.488	0.223	2.4	20.00
2653	40.7933	117.5048	-278.7	368	EP1	0	0	0	0	85	33.8	1507	17	108	67	6.353	1.612	0.254	2.4	20.00
2654	40.7932	117.5053	-279.7	387	EP1	0	0	0	0	84	34.2	1501	36	64	87	1.778	0.736	0.414	2.4	20.00
2655	40.7932	117.5058	-280.9	406	EP1	0	0	0	0	94	34.6	1478	22	48	132	2.182	0.364	0.167	2.5	20.00
2656	40.7932	117.5063	-282.6	430	EP1	0	0	0	0	92	35.1	1444	20	85	77	4.250	1.104	0.260	2.6	20.00
2657	40.7932	117.5068	-282.3	457	EP1	0	0	0	0	90	35.6	1417	29	34	84	1.172	0.405	0.345	2.7	20.00
2658	40.7932	117.5073	-283.4	483	EP1	0	0	0	0	97	36.1	1654	30	106	56	3.533	1.893	0.536	2.7	20.00
2659	40.7931	117.5078	-284.0	495	EP1	0	0	0	0	86	36.3	1660	27	96	97	3.556	0.990	0.278	2.7	20.00
2660	40.7931	117.5083	-284.6	498	EP1	0	0	0	0	89	36.4	1621	27	41	120	1.519	0.342	0.225	2.8	20.00
2661	40.7931	117.5089	-284.6	507	EP1	0	0	0	0	78	36.5	1593	34	30	84	0.882	0.357	0.405	2.9	20.00
2662	40.7931	117.5094	-286.0	535	EP1	0	0	1	0	89	37.0	1673	38	24	118	0.632	0.203	0.322	3.0	20.00
2663	40.7931	117.5099	-285.7	554	EP1	0	0	0	0	92	37.4	1636	29	38	116	1.357	0.328	0.241	3.2	20.00
2664	40.7930	117.5104	-286.5	573	EP1	0	0	1	0	93	37.7	1712	33	-8	127	-0.242	-0.063	0.260	3.2	20.00
2665	40.7930	117.5109	-284.6	573	EP1	0	0	0	0	84	37.7	1749	23	37	125	1.609	0.296	0.184	3.2	20.00
2666	40.7930	117.5114	-285.8	595	EP1	0	0	0	0	91	38.1	1850	52	42	109	0.808	0.385	0.477	3.2	20.00
2667	40.7930	117.5119	-285.6	570	EP1	0	0	0	0	78	35.8	1873	33	117	101	3.545	1.158	0.327	3.2	20.00
2668	40.7930	117.5124	-286.7	541	EP1	0	0	0	0	92	35.3	1750	23	72	113	3.130	0.637	0.204	3.3	20.00
2669	40.7929	117.5129	-286.8	512	EP1	0	0	0	0	88	34.8	1746	26	63	134	2.423	0.470	0.194	3.3	20.00
2670	40.7929	117.5134	-287.1	500	EP1	0	0	1	0	92	34.6	1679	49	-41	164	-0.837	-0.250	0.299	3.4	20.00
2671	40.7929	117.5139	-287.2	498	EP1	0	0	1	0	85	34.6	1734	40	14	144	0.350	0.097	0.278	3.4	20.00
2672	40.7929	117.5145	-287.6	500	EP1	0	0	1	0	89	34.6	1760	38	2	161	0.053	0.012	0.236	3.5	20.00
2673	40.7929	117.5150	-287.7	533	EP1	0	0	0	0	96	35.2	1864	20	85	101	4.250	0.842	0.198	3.6	20.00
2674	40.7928	117.5155	-287.7	545	EP1	0	0	0	0	86	35.4	1793	30	66	147	2.200	0.449	0.204	3.6	20.00
2675	40.7928	117.5160	-288.9	531	EP1	0	0	0	0	92	35.1	1805	38	43	107	1.132	0.402	0.355	3.7	20.00
2676	40.7928	117.5165	-288.0	535	EP1	0	0	0	0	87	35.2	1836	29	103	109	3.552	0.945	0.266	3.8	20.00
2677	40.7928	117.5170	-288.8	543	EP1	0	0	0	0	88	35.3	1846	26	108	105	4.154	1.029	0.248	3.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2678	40.7928	117.5175	-289.2	552	EP1	0	0	0	0	86	35.5	1829	48	43	121	0.896	0.355	0.397	3.8	20.00
2679	40.7927	117.5180	-289.5	581	EP1	0	0	0	0	83	36.0	1974	31	57	146	1.839	0.390	0.212	3.8	20.00
2680	40.7927	117.5185	-289.8	595	EP1	0	0	0	0	95	36.2	1993	55	75	96	1.364	0.781	0.573	3.8	20.00
2681	40.7927	117.5190	-291.3	581	EP1	0	0	0	0	92	35.9	1991	41	41	152	1.000	0.270	0.270	3.8	20.00
2682	40.7927	117.5195	-291.8	566	EP1	0	0	0	0	82	35.7	1994	40	27	158	0.675	0.171	0.253	3.9	20.00
2683	40.7927	117.5201	-294.1	546	EP1	0	0	0	0	90	35.4	2029	32	83	133	2.594	0.624	0.241	3.9	20.00
2684	40.7926	117.5206	-294.2	517	EP1	0	0	0	0	82	34.9	1975	30	115	142	3.833	0.810	0.211	3.9	20.00
2685	40.7926	117.5211	-295.2	498	EP1	0	0	0	0	79	34.6	1963	51	37	136	0.725	0.272	0.375	3.9	20.00
2686	40.7926	117.5216	-295.4	487	EP1	0	0	0	0	85	33.3	1982	50	32	172	0.640	0.186	0.291	3.9	20.00
2687	40.7926	117.5221	-294.4	454	EP1	0	0	0	0	86	32.8	1930	35	47	197	1.343	0.239	0.178	4.0	20.00
2688	40.7926	117.5226	-295.6	404	EP1	0	0	0	0	83	31.8	1784	29	104	139	3.586	0.748	0.209	4.1	20.00
2689	40.7925	117.5231	-296.2	3[illegible]	EP1	0	0	0	0	91	30.8	1642	21	65	149	3.095	0.436	0.141	4.1	20.00
2690	40.7925	117.5236	-296.6	324	EP1	0	0	0	0	94	30.3	1525	22	66	106	3.000	0.623	0.208	4.2	20.00
2691	40.7925	117.5241	-297.7	322	EP1	0	0	0	0	96	30.2	1381	28	60	97	2.143	0.619	0.289	4.3	20.00
2692	40.7925	117.5246	-296.7	338	EP1	0	0	0	0	95	30.6	1479	26	47	109	1.808	0.431	0.239	4.3	20.00
2693	40.7925	117.5252	-297.2	359	EP1	0	0	0	0	88	31.0	1488	26	49	125	1.885	0.392	0.208	4.4	20.00
2694	40.7924	117.5257	-297.0	386	EP1	0	0	0	0	92	31.5	1493	22	62	109	2.818	0.569	0.202	4.4	20.00
2695	40.7924	117.5262	-297.7	418	EP1	0	0	0	0	91	32.1	1609	20	88	119	4.400	0.739	0.168	4.5	20.00
2696	40.7924	117.5267	-296.5	450	EP1	0	0	0	0	86	32.7	1594	26	86	80	3.308	1.075	0.325	4.6	20.00
2697	40.7924	117.5272	-295.8	487	EP1	0	0	0	0	89	33.3	1645	30	73	101	2.433	0.723	0.297	4.6	20.00
2698	40.7924	117.5277	-296.4	499	EP1	0	0	0	0	88	33.5	1589	26	54	114	2.077	0.474	0.228	4.6	20.00
2699	40.7923	117.5282	-294.8	527	EP1	0	0	0	0	89	34.0	1721	43	49	96	1.140	0.510	0.448	4.6	20.00
2700	40.7923	117.5287	-294.8	570	OSR	0	0	0	0	85	34.7	1712	19	42	98	2.211	0.429	0.194	4.6	20.00
2701	40.7923	117.5292	-295.4	606	OSR	0	0	0	0	96	35.2	1737	27	73	92	2.704	0.793	0.293	4.6	20.00
2702	40.7923	117.5297	-295.8	630	OSR	0	0	1	0	78	35.6	1741	51	4	138	0.078	0.029	0.370	4.6	20.00
2703	40.7923	117.5302	-295.9	668	OSR	0	0	0	0	83	36.1	1785	27	87	92	3.222	0.946	0.293	4.8	20.00
2704	40.7922	117.5308	-296.3	689	OSR	0	0	0	0	96	36.4	1661	25	52	123	2.080	0.423	0.203	4.9	20.00
2705	40.7922	117.5314	-298.4	698	OSR	0	0	1	0	74	44.6	1620	46	24	77	0.522	0.312	0.597	4.9	20.00
2706	40.7923	117.5320	-298.6	710	OSR	1	0	1	0	91	44.8	1583	37	11	106	0.297	0.104	0.349	5.0	20.00
2707	40.7923	117.5326	-299.9	716	OSR	1	0	1	0	82	44.9	1528	22	14	81	0.636	0.173	0.272	5.0	20.00
2708	40.7923	117.5332	-299.4	733	OSR	1	0	0	0	91	45.2	1597	26	61	110	2.346	0.555	0.236	5.0	20.00
2709	40.7923	117.5339	-299.6	760	OSR	1	0	0	0	81	45.6	1586	36	32	73	0.889	0.438	0.493	5.0	20.00
2710	40.7923	117.5345	-300.4	764	OSR	1	0	0	0	83	45.7	1684	23	27	110	1.174	0.245	0.209	5.0	20.00
2711	40.7923	117.5351	-301.2	716	OSR	1	0	0	0	93	44.9	1649	24	30	129	1.250	0.233	0.186	5.0	20.00
2712	40.7923	117.5357	-303.1	649	OSR	0	0	0	0	81	43.8	1582	13	109	29	8.385	3.759	0.448	4.9	20.00
2713	40.7923	117.5363	-304.5	588	OSR	0	0	0	0	75	42.7	1623	28	53	103	1.893	0.515	0.272	4.9	20.00
2714	40.7923	117.5369	-302.9	579	OSR	0	0	0	0	91	42.5	1584	22	70	85	3.182	0.824	0.259	4.8	20.00
2715	40.7923	117.5376	-303.9	594	OSR	0	0	1	0	90	42.8	1749	48	16	111	0.333	0.144	0.432	4.8	20.00
2716	40.7924	117.5382	-303.2	607	OSR	0	0	1	0	83	43.1	1759	53	18	110	0.340	0.164	0.482	4.8	20.00
2717	40.7924	117.5388	-302.9	625	OSR	0	0	0	0	81	43.4	1890	43	39	144	0.907	0.271	0.299	4.8	20.00
2718	40.7924	117.5394	-303.2	627	OSR	0	0	0	0	84	43.4	1889	35	85	68	2.429	1.250	0.515	4.8	20.00
2719	40.7924	117.5400	-301.3	635	TRD	0	0	0	0	83	43.6	1841	26	105	114	4.038	0.921	0.228	4.8	20.00
2720	40.7924	117.5407	-303.3	649	TRD	0	0	0	0	86	43.8	1868	54	38	101	0.704	0.376	0.535	4.8	20.00
2721	40.7924	117.5413	-302.4	649	TRD	0	0	0	0	87	43.8	1854	47	47	133	1.000	0.353	0.353	4.8	20.00
2722	40.7924	117.5419	-302.1	588	TRD	0	0	0	0	81	42.7	1800	21	81	83	3.857	0.976	0.253	4.8	20.00
2723	40.7924	117.5425	-302.2	530	TRD	0	0	1	0	89	41.6	1785	34	21	162	0.618	0.130	0.210	4.7	20.00
2724	40.7924	117.5431	-302.1	498	TRD	0	0	0	0	81	36.5	1755	19	107	91	5.632	1.176	0.209	4.6	20.00
2725	40.7925	117.5438	-302.4	498	TRD	0	0	0	0	78	36.5	1827	43	63	118	1.465	0.534	0.364	4.6	20.00
2726	40.7925	117.5444	-301.9	514	TRD	0	0	0	0	87	36.8	1813	38	61	110	1.605	0.555	0.345	4.5	20.00
2727	40.7925	117.5450	-300.1	568	TRD	0	0	0	0	89	37.8	1929	20	171	73	8.550	2.342	0.274	4.5	20.00
2728	40.7925	117.5456	-299.4	628	TRD	0	0	0	0	84	38.7	1969	45	101	120	2.244	0.842	0.375	4.4	20.00
2729	40.7925	117.5462	-296.5	697	TRD	0	0	0	0	80	39.8	2164	28	77	160	2.750	0.481	0.175	4.5	20.00
2730	40.7925	117.5469	-297.4	716	OSR	1	0	0	0	92	40.1	2166	35	60	197	1.714	0.305	0.178	4.6	20.00
2731	40.7925	117.5475	-296.3	690	OSR	0	0	0	0	85	39.7	2032	52	82	124	1.577	0.661	0.419	4.6	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2732	40.7925	117.5481	-296.3	668	OSR	0	0	0	0	84	39.4	2096	38	102	109	2.684	0.936	0.349	4.6	20.00
2733	40.7925	117.5487	-296.3	632	OSR	0	0	0	0	86	38.8	1979	33	75	182	2.273	0.412	0.181	4.6	20.00
2734	40.7926	117.5493	-296.0	588	OSR	0	0	0	0	79	38.1	2010	28	69	183	2.464	0.377	0.153	4.6	20.00
2735	40.7926	117.5500	-297.7	550	OSR	0	0	0	0	84	37.5	1904	12	82	164	6.833	0.500	0.073	4.6	20.00
2736	40.7926	117.5506	-299.7	500	OSR	0	0	1	0	90	36.6	1715	39	-17	176	-0.436	-0.097	0.222	4.6	20.00
2737	40.7926	117.5512	-298.9	458	OSR	0	0	0	0	84	35.8	1739	35	65	104	1.857	0.625	0.337	4.6	20.00
2738	40.7926	117.5518	-300.0	398	OSR	0	0	0	0	81	34.6	1599	36	56	103	1.556	0.544	0.350	4.6	20.00
2739	40.7926	117.5524	-300.6	350	OSR	0	0	0	0	86	33.6	1502	29	34	117	1.172	0.291	0.248	4.5	20.00
2740	40.7926	117.5531	-300.8	303	OSR	0	0	0	0	83	32.6	1596	29	122	89	4.207	1.371	0.326	4.5	20.00
2741	40.7926	117.5537	-299.0	297	OSR	0	0	0	0	83	32.4	1591	30	40	141	1.333	0.284	0.213	4.4	20.00
2742	40.7926	117.5543	-297.0	307	OSR	0	0	0	0	74	32.6	1604	38	76	113	2.000	0.673	0.336	4.3	20.00
2743	40.7926	117.5549	-296.5	329	OSR	0	0	1	0	94	34.2	1601	34	-13	160	-0.382	-0.081	0.213	4.4	20.00
2744	40.7927	117.5555	-295.4	345	OSR	0	0	0	0	83	34.6	1535	22	59	128	2.682	0.461	0.172	4.3	20.00
2745	40.7927	117.5562	-294.3	374	OSR	0	0	0	0	84	35.2	1431	20	75	112	3.750	0.670	0.179	4.3	20.00
2746	40.7927	117.5568	-297.2	429	OSR	0	0	1	0	88	36.4	1489	29	-15	131	-0.517	-0.115	0.221	4.4	20.00
2747	40.7927	117.5574	-297.1	463	OSR	0	0	0	0	88	37.1	1556	18	45	118	2.500	0.381	0.153	4.2	20.00
2748	40.7927	117.5580	-294.1	448	OSR	0	0	1	0	88	36.8	1496	34	10	112	0.294	0.089	0.304	4.2	20.00
2749	40.7927	117.5586	-293.7	443	OSR	0	0	0	0	98	36.6	1415	20	50	61	2.500	0.820	0.328	4.2	20.00
2750	40.7927	117.5592	-292.1	475	OSR	0	0	1	0	90	37.3	1444	27	16	111	0.593	0.144	0.243	4.2	20.00
2751	40.7927	117.5599	-292.0	496	OSR	0	0	0	0	86	37.7	1528	29	36	101	1.241	0.356	0.287	4.1	20.00
2752	40.7927	117.5605	-292.2	494	OSR	0	0	1	0	92	37.6	1593	34	-2	148	-0.059	-0.014	0.230	4.1	20.00
2753	40.7928	117.5611	-290.5	465	OSR	0	0	0	0	91	37.1	1487	28	25	103	0.893	0.243	0.272	4.0	20.00
2754	40.7928	117.5617	-289.3	448	OSR	0	0	1	0	89	36.8	1511	30	-21	138	-0.700	-0.152	0.217	3.8	20.00
2755	40.7928	117.5623	-288.6	457	OSR	0	0	0	0	93	36.9	1567	24	100	72	4.167	1.389	0.333	3.8	20.00
2756	40.7928	117.5630	-288.1	445	OSR	0	0	1	0	96	36.7	1595	28	5	151	0.179	0.033	0.185	3.7	20.00
2757	40.7928	117.5636	-287.8	400	OSR	0	0	1	0	101	35.8	1489	37	11	115	0.297	0.096	0.322	3.7	20.00
2758	40.7928	117.5642	-283.9	373	OSR	0	0	0	0	84	35.2	1436	22	71	108	3.227	0.657	0.204	3.6	20.00
2759	40.7928	117.5648	-283.9	355	OSR	0	0	0	0	100	34.8	1484	29	42	102	1.448	0.412	0.284	3.6	20.00
2760	40.7928	117.5654	-283.2	340	OSR	0	0	0	0	89	34.5	1383	22	37	127	1.682	0.291	0.173	3.6	20.00
2761	40.7928	117.5661	-281.7	322	OSR	0	0	0	0	89	34.1	1351	18	23	137	1.278	0.168	0.131	3.6	20.00
2762	40.7928	117.5667	-280.8	321	OSR	0	0	0	0	84	29.5	1324	19	42	107	2.211	0.393	0.178	3.6	20.00
2763	40.7929	117.5673	-282.9	357	OSR	0	0	0	0	93	30.2	1334	22	24	95	1.091	0.253	0.232	3.5	20.00
2764	40.7929	117.5679	-284.8	406	OSR	0	0	0	0	93	31.1	1336	10	83	95	8.300	0.874	0.105	3.5	20.00
2765	40.7929	117.5685	-287.0	457	OSR	0	0	0	0	93	32.0	1515	8	71	128	8.875	0.555	0.063	3.4	20.00
2766	40.7929	117.5692	-288.3	495	OSR	0	0	0	0	89	32.7	1573	38	25	101	0.658	0.248	0.376	3.5	20.00
2767	40.7929	117.5698	-289.0	524	OSR	0	0	0	0	88	33.1	1577	24	31	112	1.292	0.277	0.214	3.6	20.00
2768	40.7929	117.5704	-289.1	551	OSR	0	0	0	0	85	33.6	1546	30	25	99	0.833	0.253	0.303	3.6	20.00
2769	40.7929	117.5710	-290.1	566	OSR	0	0	0	0	97	33.8	1455	28	25	79	0.893	0.316	0.354	3.6	20.00
2770	40.7929	117.5716	-290.7	573	OSR	0	0	0	0	92	33.9	1309	15	37	47	2.467	0.787	0.319	3.5	20.00
2771	40.7929	117.5723	-289.3	598	OSR	0	0	0	0	100	34.3	1393	9	49	58	5.444	0.845	0.155	3.4	20.00
2772	40.7930	117.5729	-289.0	652	OSR	0	0	0	0	93	35.1	1349	17	67	22	3.941	3.045	0.773	3.4	20.00
2773	40.7930	117.5735	-288.4	710	OSR	1	0	1	0	88	35.8	1487	27	-24	147	-0.889	-0.163	0.184	3.4	20.00
2774	40.7930	117.5741	-287.3	763	OSR	1	0	0	0	99	36.5	1599	26	32	74	1.231	0.432	0.351	3.4	20.00
2775	40.7930	117.5747	-287.7	823	OSR	1	0	0	0	91	37.2	1615	35	34	65	0.971	0.523	0.538	3.4	20.00
2776	40.7930	117.5754	-284.9	908	OSR	1	0	1	0	95	38.1	1646	42	22	67	0.524	0.328	0.627	3.4	20.00
2777	40.7930	117.5760	-283.9	981	OSR	1	0	1	0	90	38.9	1822	37	-23	139	-0.622	-0.165	0.266	3.3	20.00
2778	40.7930	117.5766	-284.0	1012	OSR	2	0	0	1	87	39.2	1747	12	67	62	5.583	1.031	0.194	3.4	20.00
2779	40.7930	117.5772	-283.7	1029	OSR	2	0	0	0	91	39.3	1882	28	50	90	1.786	0.556	0.311	3.3	20.00
2780	40.7930	117.5778	-284.6	969	OSR	1	0	1	0	91	38.8	1804	21	4	165	0.190	0.024	0.127	3.2	20.00
2781	40.7930	117.5784	-285.9	882	OSR	1	0	0	0	91	40.5	1761	20	35	120	1.750	0.292	0.167	3.1	20.00
2782	40.7931	117.5791	-287.5	831	OSR	1	0	1	0	83	39.9	1833	27	20	196	0.741	0.102	0.138	3.0	20.00
2783	40.7931	117.5797	-287.2	782	OSR	1	0	0	0	104	39.3	1847	15	38	134	2.533	0.284	0.112	2.9	20.00
2784	40.7931	117.5803	-288.3	704	OSR	1	0	0	0	88	38.3	1798	16	66	128	4.125	0.516	0.125	2.9	20.00
2785	40.7931	117.5809	-290.4	646	OSR	0	0	1	0	98	37.5	1919	32	27	173	0.844	0.156	0.185	2.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2786	40.7931	117.5815	-291.2	589	OSR	0	0	0	0	95	36.6	1882	23	41	143	1.783	0.287	0.161	2.8	20.00
2787	40.7931	117.5822	-291.9	547	OSR	0	0	0	0	84	35.9	1914	43	43	138	1.000	0.312	0.312	2.8	20.00
2788	40.7931	117.5828	-293.0	518	OSR	0	0	0	0	95	35.4	1902	27	57	155	2.111	0.368	0.174	2.8	20.00
2789	40.7931	117.5834	-292.3	498	OSR	0	0	0	0	88	35.0	2011	18	112	170	6.222	0.659	0.106	2.9	20.00
2790	40.7931	117.5840	-293.3	484	OSR	0	0	0	0	93	34.8	2060	28	69	211	2.464	0.327	0.133	2.9	20.00
2791	40.7932	117.5846	-292.3	462	OSR	0	0	1	0	95	34.4	2096	30	9	261	0.300	0.034	0.115	2.9	20.00
2792	40.7932	117.5853	-291.1	416	OSR	0	0	0	0	91	33.5	2119	49	64	220	1.306	0.291	0.223	2.9	20.00
2793	40.7932	117.5859	-288.6	365	OSR	0	0	0	0	93	32.5	1968	27	90	202	3.333	0.446	0.134	2.9	20.00
2794	40.7932	117.5865	-287.4	323	OSR	0	0	0	0	97	31.7	2043	27	90	218	3.333	0.413	0.124	2.8	20.00
2795	40.7932	117.5871	-287.5	290	OSR	0	0	0	0	89	31.0	1924	47	94	177	2.000	0.531	0.266	2.8	20.00
2796	40.7932	117.5877	-285.8	274	OSR	0	0	0	0	97	30.6	1879	30	175	126	5.833	1.389	0.238	2.8	20.00
2797	40.7932	117.5884	-282.8	256	OSR	0	0	0	0	92	30.2	1792	37	90	160	2.432	0.563	0.231	2.7	20.00
2798	40.7932	117.5890	-282.5	269	OSR	0	0	0	0	90	30.5	1794	44	92	148	2.091	0.622	0.297	2.8	20.00
2799	40.7932	117.5896	-281.5	313	OSR	0	0	0	0	92	31.5	1675	29	74	135	2.552	0.548	0.215	2.9	20.00
2800	40.7933	117.5902	-280.7	368	OSR	0	0	1	0	95	36.7	1655	28	1	189	0.036	0.005	0.148	2.9	20.00
2801	40.7933	117.5908	-281.6	427	OSR	0	0	0	0	98	38.0	1692	13	46	150	3.538	0.307	0.087	3.0	20.00
2802	40.7933	117.5915	-281.5	465	OSR	0	0	0	0	98	39.2	1676	30	42	105	1.400	0.400	0.286	3.1	20.00
2803	40.7933	117.5921	-281.3	524	OSR	0	0	0	0	96	40.0	1695	21	40	139	1.905	0.288	0.151	3.2	20.00
2804	40.7933	117.5927	-281.4	588	OSR	0	0	1	0	101	41.1	1778	23	21	142	0.913	0.148	0.162	3.3	20.00
2805	40.7933	117.5933	-280.4	658	OSR	0	0	0	0	102	42.4	1792	34	49	112	1.441	0.438	0.304	3.4	20.00
2806	40.7933	117.5939	-282.8	720	OSR	1	0	0	0	93	43.3	1895	28	75	85	2.679	0.882	0.329	3.4	20.00
2807	40.7933	117.5946	-283.7	774	OSR	1	0	0	0	101	44.2	2075	40	40	112	1.000	0.357	0.357	3.4	20.00
2808	40.7933	117.5952	-280.0	836	OSR	1	0	0	0	90	45.0	2037	48	35	141	0.729	0.248	0.340	3.4	20.00
2809	40.7933	117.5958	-282.5	882	OSR	1	0	0	0	93	45.6	2052	37	55	176	1.486	0.313	0.210	3.4	20.00
2810	40.7934	117.5964	-282.7	902	OSR	1	0	1	0	87	45.9	1970	47	0	187	0.021	0.005	0.251	3.4	20.00
2811	40.7934	117.5970	-282.5	914	OSR	1	0	0	0	93	46.1	2133	44	95	89	2.159	1.067	0.494	3.5	20.00
2812	40.7934	117.5977	-282.9	916	OSR	1	0	0	0	95	46.1	2109	23	74	168	3.217	0.440	0.137	3.5	20.00
2813	40.7934	117.5983	-283.6	900	OSR	1	0	1	0	101	45.9	1920	38	17	123	0.447	0.138	0.309	3.6	20.00
2814	40.7934	117.5989	-283.6	920	OSR	1	0	0	0	95	46.1	2151	35	37	186	1.057	0.199	0.188	3.6	20.00
2815	40.7934	117.5995	-284.3	936	OSR	1	0	0	0	91	46.3	2150	44	98	84	2.227	1.167	0.524	3.6	20.00
2816	40.7934	117.6001	-284.1	971	OSR	1	0	0	0	88	46.7	2136	43	57	123	1.326	0.463	0.350	3.6	20.00
2817	40.7934	117.6007	-284.0	1036	OSR	2	0	0	0	97	47.5	2482	50	85	136	1.700	0.625	0.368	3.5	20.00
2818	40.7934	117.6014	-283.7	1053	OSR	2	0	0	0	96	47.7	2571	47	106	260	2.255	0.408	0.181	3.5	20.00
2819	40.7935	117.6020	-284.0	1030	OSR	2	0	0	0	90	53.2	2446	46	46	244	1.000	0.189	0.189	3.5	20.00
2820	40.7935	117.6026	-285.2	986	OSR	1	0	0	0	87	52.7	2449	70	55	174	0.786	0.316	0.402	3.5	20.00
2821	40.7935	117.6032	-284.7	940	OSR	1	0	0	0	93	52.1	2294	52	95	130	1.827	0.731	0.400	3.5	20.00
2822	40.7935	117.6038	-285.3	891	OSR	1	0	1	0	101	51.4	2276	60	33	175	0.550	0.189	0.343	3.5	20.00
2823	40.7935	117.6045	-285.7	885	OSR	1	0	1	0	99	51.3	2444	57	12	233	0.211	0.052	0.245	3.5	20.00
2824	40.7935	117.6051	-286.5	865	OSR	1	0	0	0	82	51.0	2470	79	40	193	0.506	0.207	0.409	3.5	20.00
2825	40.7935	117.6057	-286.3	835	OSR	1	0	1	0	89	50.5	2307	65	28	177	0.431	0.158	0.367	3.6	20.00
2826	40.7935	117.6063	-285.7	807	OSR	1	0	0	0	93	50.1	2426	49	92	197	1.878	0.467	0.249	3.7	20.00
2827	40.7935	117.6069	-286.1	771	OSR	1	0	0	0	105	49.5	2476	48	60	197	1.250	0.305	0.244	3.7	20.00
2828	40.7935	117.6076	-285.7	741	OSR	1	0	0	0	94	49.0	2496	63	40	200	0.635	0.200	0.315	3.8	20.00
2829	40.7936	117.6082	-287.8	711	OSR	1	0	0	0	86	48.5	2449	60	68	201	1.133	0.338	0.299	3.8	20.00
2830	40.7936	117.6088	-285.6	692	OSR	0	0	0	0	87	48.2	2454	44	103	175	2.341	0.589	0.251	4.0	20.00
2831	40.7936	117.6094	-285.7	660	OSR	0	0	1	0	89	47.6	2473	71	21	240	0.296	0.088	0.296	4.1	20.00
2832	40.7936	117.6100	-287.1	636	OSR	0	0	0	0	96	47.1	2399	46	59	192	1.283	0.307	0.240	4.2	20.00
2833	40.7936	117.6107	-285.8	621	OSR	0	0	0	0	92	46.8	2399	55	133	110	2.418	1.209	0.500	4.2	20.00
2834	40.7936	117.6113	-286.3	608	OSR	0	0	0	0	83	46.6	2512	80	68	189	0.850	0.360	0.423	4.3	20.00
2835	40.7936	117.6119	-287.3	594	OSR	0	0	0	0	93	46.3	2519	67	74	181	1.104	0.409	0.370	4.3	20.00
2836	40.7936	117.6125	-286.2	532	OSR	0	0	0	0	100	45.0	2459	72	73	180	1.014	0.406	0.400	4.4	20.00
2837	40.7936	117.6131	-286.8	497	OSR	0	0	0	0	91	44.3	2362	54	53	219	0.981	0.242	0.247	4.4	20.00
2838	40.7937	117.6138	-284.7	496	OSR	0	0	0	0	88	48.4	2316	55	70	175	1.273	0.400	0.314	4.4	20.00
2839	40.7937	117.6144	-285.8	499	OSR	0	0	0	0	86	48.5	2356	75	76	159	1.013	0.478	0.472	4.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2840	40.7937	117.6150	-285.4	535	OSR	0	0	0	0	92	49.4	2442	65	67	183	1.031	0.366	0.355	4.4	20.00
2841	40.7937	117.6156	-284.8	582	OSR	0	0	0	0	87	50.4	2585	74	87	177	1.176	0.492	0.418	4.4	20.00
2842	40.7937	117.6162	-283.6	625	OSR	0	0	0	0	91	51.4	2519	55	103	185	1.873	0.557	0.297	4.4	20.00
2843	40.7937	117.6169	-283.3	680	OSR	0	0	0	0	86	52.5	2707	98	76	193	0.776	0.394	0.508	4.5	20.00
2844	40.7937	117.6175	-282.8	720	OSR	1	0	1	0	92	53.3	2689	91	20	277	0.220	0.072	0.329	4.5	20.00
2845	40.7937	117.6181	-282.9	752	OSR	1	0	0	0	86	53.9	2767	62	98	258	1.581	0.380	0.240	4.5	20.00
2846	40.7937	117.6187	-280.7	788	OSR	1	0	0	0	89	54.5	2784	86	90	148	1.047	0.608	0.581	4.5	20.00
2847	40.7937	117.6193	-278.8	799	OSR	1	0	0	0	87	54.7	2635	87	94	178	1.080	0.528	0.489	4.5	20.00
2848	40.7938	117.6199	-279.0	782	OSR	1	0	1	0	85	54.4	2648	71	-12	276	-0.169	-0.043	0.257	4.5	20.00
2849	40.7938	117.6206	-278.0	770	OSR	1	0	1	0	85	54.2	2733	90	33	224	0.367	0.147	0.402	4.4	20.00
2850	40.7938	117.6212	-276.1	767	OSR	1	0	0	0	95	54.1	2531	62	60	204	0.968	0.294	0.304	4.4	20.00
2851	40.7938	117.6218	-276.1	782	OSR	1	0	1	0	73	54.4	2585	73	20	277	0.274	0.072	0.264	4.5	20.00
2852	40.7938	117.6224	-274.9	820	OSR	1	0	0	0	99	55.1	2464	63	80	191	1.270	0.419	0.330	4.5	20.00
2853	40.7938	117.6230	-274.0	852	OSR	1	0	1	0	86	55.6	2521	101	-2	214	-0.020	-0.009	0.472	4.5	20.00
2854	40.7938	117.6237	-272.8	888	OSR	1	0	0	0	80	56.2	2519	47	74	194	1.574	0.381	0.242	4.5	20.00
2855	40.7938	117.6243	-271.0	909	OSR	1	0	1	0	68	56.5	2693	105	26	232	0.248	0.112	0.453	4.5	20.00
2856	40.7938	117.6249	-269.5	905	OSR	1	0	0	0	78	56.4	2587	90	62	150	0.689	0.413	0.600	4.5	20.00
2857	40.7939	117.6255	-268.8	874	OSR	1	0	0	0	92	59.8	2407	50	50	217	1.000	0.230	0.230	4.5	20.00
2858	40.7939	117.6261	-268.3	865	OSR	1	0	1	0	88	59.6	2558	101	-13	224	-0.129	-0.058	0.451	4.5	20.00
2859	40.7939	117.6268	-266.4	868	OSR	1	0	0	0	77	59.7	2432	61	59	200	0.967	0.295	0.305	4.6	20.00
2860	40.7939	117.6274	-266.0	869	OSR	1	0	0	0	79	59.7	2401	58	56	189	0.966	0.296	0.307	4.6	20.00
2861	40.7939	117.6280	-263.1	905	OSR	1	0	1	0	81	60.3	2411	78	27	179	0.346	0.151	0.436	4.6	20.00
2862	40.7939	117.6286	-262.4	935	OSR	1	0	0	0	81	60.8	2569	60	63	179	1.050	0.352	0.335	4.6	20.00
2863	40.7939	117.6292	-262.6	935	OSR	1	0	0	0	84	60.8	2639	72	132	160	1.833	0.825	0.450	4.6	20.00
2864	40.7939	117.6299	-260.6	884	OSR	1	0	0	0	65	60.0	2489	95	51	150	0.537	0.340	0.633	4.5	20.00
2865	40.7939	117.6305	-260.9	794	OSR	1	0	0	0	75	58.4	2335	63	49	124	0.778	0.395	0.508	4.6	20.00
2866	40.7940	117.6311	-260.4	695	OSR	0	0	1	0	83	56.4	2204	81	-14	191	-0.173	-0.073	0.424	4.6	20.00
2867	40.7940	117.6317	-259.4	614	OSR	0	0	1	0	69	54.6	2012	74	10	117	0.135	0.085	0.632	4.6	20.00
2868	40.7940	117.6323	-259.6	571	EH1	0	0	0	0	83	53.6	2068	64	39	144	0.609	0.271	0.444	4.6	20.00
2869	40.7940	117.6330	-257.1	563	EH1	0	0	0	0	87	53.4	2011	45	67	120	1.489	0.558	0.375	4.6	20.00
2870	40.7940	117.6336	-257.7	592	EH1	0	0	0	0	76	54.1	2222	59	80	161	1.356	0.497	0.366	4.5	20.00
2871	40.7940	117.6342	-256.8	599	EH1	0	0	1	0	78	54.3	2068	75	-20	181	-0.267	-0.110	0.414	4.5	20.00
2872	40.7940	117.6348	-254.8	575	EH1	0	0	0	0	81	53.7	2420	72	41	186	0.569	0.220	0.387	4.6	20.00
2873	40.7940	117.6354	-254.1	529	EH1	0	0	0	0	80	52.6	2245	59	115	123	1.949	0.935	0.480	4.6	20.00
2874	40.7940	117.6361	-251.3	494	EH1	0	0	0	0	78	51.7	2386	83	124	124	1.494	1.000	0.669	4.7	20.00
2875	40.7940	117.6367	-248.0	454	EH1	0	0	0	0	76	50.6	2330	66	33	251	0.500	0.131	0.263	4.7	20.00
2876	40.7941	117.6373	-247.6	391	EH1	0	0	0	0	75	50.8	2181	48	96	183	2.000	0.525	0.262	4.6	20.00
2877	40.7941	117.6379	-249.4	366	EH1	0	0	0	0	72	50.1	2212	61	115	174	1.885	0.661	0.351	4.5	20.00
2878	40.7941	117.6385	-251.6	395	EH1	0	0	0	0	80	50.9	2316	67	70	179	1.045	0.391	0.374	4.4	20.00
2879	40.7941	117.6392	-252.3	441	EH1	0	0	0	0	74	52.3	2388	67	75	212	1.119	0.354	0.316	4.4	20.00
2880	40.7941	117.6398	-254.1	480	EH1	0	0	0	0	77	53.4	2589	80	148	175	1.850	0.846	0.457	4.4	20.00
2881	40.7941	117.6404	-255.8	496	EH1	0	0	0	0	79	53.8	2489	57	99	210	1.737	0.471	0.271	4.3	20.00
2882	40.7941	117.6410	-256.2	496	EH1	0	0	1	0	77	53.8	2560	91	17	250	0.187	0.068	0.364	4.3	20.00
2883	40.7941	117.6416	-255.8	494	EH1	0	0	0	0	75	53.8	2326	43	145	197	3.372	0.736	0.218	4.2	20.00
2884	40.7941	117.6422	-254.4	500	EH1	0	0	0	0	88	53.9	2475	85	47	208	0.553	0.226	0.409	4.2	20.00
2885	40.7942	117.6429	-253.6	518	EH1	0	0	0	0	84	54.4	2310	60	83	160	1.383	0.519	0.375	4.2	20.00
2886	40.7942	117.6435	-254.9	499	EH1	0	0	0	0	79	53.9	2413	64	127	128	1.984	0.992	0.500	4.2	20.00
2887	40.7942	117.6441	-253.8	498	EH1	0	0	0	0	71	53.9	2229	65	84	186	1.292	0.452	0.349	4.2	20.00
2888	40.7942	117.6447	-254.0	511	EH1	0	0	0	0	70	54.2	2281	65	74	166	1.138	0.446	0.392	4.2	20.00
2889	40.7942	117.6453	-254.0	562	EH1	0	0	0	0	70	55.5	2363	74	58	182	0.784	0.319	0.407	4.2	20.00
2890	40.7942	117.6460	-253.3	628	EH2	0	0	0	0	78	57.1	2337	65	132	143	2.031	0.923	0.455	4.2	20.00
2891	40.7942	117.6466	-253.8	680	EH2	0	0	0	0	77	58.3	2489	74	39	219	0.527	0.178	0.338	4.2	20.00
2892	40.7942	117.6472	-253.9	710	EH2	1	0	0	0	70	59.0	2494	55	113	162	2.055	0.698	0.340	4.3	20.00
2893	40.7943	117.6479	-252.6	733	EH2	1	0	0	0	74	59.5	2479	72	106	120	1.472	0.883	0.600	4.3	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2894	40.7943	117.6485	-253.9	707	EH2	1	0	0	0	80	58.9	2402	64	68	173	1.063	0.393	0.370	4.2	20.00
2895	40.7943	117.6491	-252.2	653	EH2	0	0	0	0	82	66.4	2144	50	103	105	2.060	0.981	0.476	4.2	20.00
2896	40.7943	117.6498	-253.7	637	EH2	0	0	0	0	74	65.9	2195	43	100	130	2.326	0.769	0.331	4.2	20.00
2897	40.7943	117.6504	-252.3	641	EH2	0	0	0	0	76	66.0	1989	65	34	121	0.523	0.281	0.537	4.2	20.00
2898	40.7943	117.6510	-253.1	679	EH2	0	0	0	0	78	67.0	2192	50	112	85	2.240	1.318	0.588	4.2	20.00
2899	40.7944	117.6516	-250.9	715	OV2	1	0	0	0	79	67.9	2330	57	134	87	2.351	1.540	0.655	4.3	20.00
2900	40.7944	117.6523	-251.0	748	OV2	1	0	0	0	83	68.7	2401	43	61	211	1.419	0.289	0.204	4.4	20.00
2901	40.7944	117.6529	-252.1	750	OV2	1	0	0	0	66	68.7	2404	60	63	157	1.050	0.401	0.382	4.4	20.00
2902	40.7944	117.6535	-251.6	703	OV2	1	0	1	0	60	67.6	2252	62	-12	179	-0.194	-0.067	0.346	4.3	20.00
2903	40.7944	117.6542	-250.9	656	OV2	0	0	0	0	75	66.4	2263	73	84	114	1.151	0.737	0.640	4.2	20.00
2904	40.7944	117.6548	-251.6	642	OV2	0	0	1	0	72	66.1	2104	59	-7	182	-0.119	-0.038	0.324	4.2	20.00
2905	40.7945	117.6554	-251.3	666	OV2	0	0	0	0	67	66.7	2317	57	57	171	1.000	0.333	0.333	4.2	20.00
2906	40.7945	117.6561	-252.0	684	OV2	0	0	0	0	67	67.2	2336	51	94	185	1.843	0.508	0.276	4.2	20.00
2907	40.7945	117.6567	-251.4	689	OV2	0	0	0	0	76	67.3	2442	59	78	183	1.322	0.426	0.322	4.1	20.00
2908	40.7945	117.6573	-251.2	693	OV2	0	0	0	0	70	67.4	2454	42	115	151	2.738	0.762	0.278	4.2	20.00
2909	40.7945	117.6579	-250.1	693	OV2	0	0	1	0	78	67.4	2466	72	31	222	0.431	0.140	0.324	4.2	20.00
2910	40.7945	117.6586	-251.5	683	OV2	0	0	1	0	69	67.1	2423	59	5	257	0.085	0.019	0.230	4.2	20.00
2911	40.7946	117.6592	-251.4	676	OV2	0	0	1	0	75	67.0	2516	55	22	258	0.400	0.085	0.213	4.2	20.00
2912	40.7946	117.6598	-250.8	652	OV2	0	0	0	0	64	66.3	2536	81	84	137	1.037	0.613	0.591	4.2	20.00
2913	40.7946	117.6605	-250.6	623	OV2	0	0	1	0	78	65.6	2480	79	0	241	0.013	0.004	0.328	4.3	20.00
2914	40.7946	117.6611	-251.4	600	OV2	0	0	0	0	65	62.6	2429	67	32	233	0.478	0.137	0.288	4.3	20.00
2915	40.7946	117.6617	-251.0	572	OV2	0	0	1	0	71	61.8	2513	84	21	203	0.250	0.103	0.414	4.2	20.00
2916	40.7946	117.6624	-251.7	540	OV2	0	0	0	0	67	60.9	2493	70	105	163	1.500	0.644	0.429	4.2	20.00
2917	40.7947	117.6630	-251.9	531	OV2	0	0	0	0	68	60.7	2605	59	145	169	2.458	0.858	0.349	4.2	20.00
2918	40.7947	117.6636	-253.1	521	OV2	0	0	0	0	68	60.4	2506	70	60	193	0.857	0.311	0.363	4.2	20.00
2919	40.7947	117.6642	-253.1	499	OV2	0	0	1	0	66	59.7	2506	86	10	233	0.116	0.043	0.369	4.2	20.00
2920	40.7947	117.6649	-254.0	497	EH2	0	0	0	0	71	59.7	2471	60	118	166	1.967	0.711	0.361	4.2	20.00
2921	40.7947	117.6655	-253.9	495	EH2	0	0	0	0	71	59.6	2456	83	38	216	0.458	0.176	0.384	4.3	20.00
2922	40.7947	117.6661	-256.3	495	EH2	0	0	0	0	66	59.6	2433	72	47	223	0.653	0.211	0.323	4.3	20.00
2923	40.7948	117.6668	-257.9	490	EH2	0	0	0	0	67	59.5	2401	72	58	170	0.806	0.341	0.424	4.3	20.00
2924	40.7948	117.6674	-257.3	484	EH2	0	0	0	0	67	59.3	2319	79	68	196	0.861	0.347	0.403	4.2	20.00
2925	40.7948	117.6680	-257.8	469	EH2	0	0	0	0	63	58.8	2166	39	130	149	3.333	0.872	0.262	4.2	20.00
2926	40.7948	117.6687	-258.9	447	EH2	0	0	0	0	73	58.1	1943	48	29	161	0.604	0.180	0.298	4.2	20.00
2927	40.7948	117.6693	-259.7	460	EH2	0	0	0	0	79	58.5	1912	43	69	137	1.605	0.504	0.314	4.2	20.00
2928	40.7948	117.6699	-260.3	482	EH2	0	0	1	0	73	59.2	1939	55	17	142	0.309	0.120	0.387	4.2	20.00
2929	40.7949	117.6706	-260.1	469	EH2	0	0	0	0	68	58.8	1828	39	39	150	1.000	0.260	0.260	4.2	20.00
2930	40.7949	117.6712	-261.7	407	EH2	0	0	0	0	77	56.9	1627	29	40	128	1.379	0.313	0.227	4.2	20.00
2931	40.7949	117.6718	-260.4	367	EH2	0	0	0	0	68	55.5	1509	31	40	129	1.290	0.310	0.240	4.1	20.00
2932	40.7949	117.6724	-260.3	396	EH2	0	0	1	0	59	56.5	1631	36	22	137	0.611	0.161	0.263	4.1	20.00
2933	40.7949	117.6731	-261.5	448	EH2	0	0	0	0	71	55.8	1857	32	32	150	1.067	0.213	0.200	4.1	20.00
2934	40.7949	117.6737	-260.4	474	EH2	0	0	0	0	66	56.6	2016	35	70	188	2.000	0.372	0.186	4.3	20.00
2935	40.7950	117.6743	-260.2	448	EH2	0	0	0	0	71	55.8	2029	43	62	176	1.442	0.352	0.244	4.2	20.00
2936	40.7950	117.6750	-259.6	446	EH2	0	0	0	0	62	55.7	2087	46	63	208	1.370	0.303	0.221	4.3	20.00
2937	40.7950	117.6756	-261.4	451	EH2	0	0	0	0	66	55.9	2041	44	46	195	1.045	0.236	0.226	4.3	20.00
2938	40.7950	117.6762	-262.1	411	EH2	0	0	0	0	70	54.7	2061	46	33	230	0.717	0.143	0.200	4.3	20.00
2939	40.7950	117.6769	-262.1	373	EH2	0	0	0	0	62	53.4	2074	46	47	190	1.022	0.247	0.242	4.3	20.00
2940	40.7950	117.6775	-261.6	376	EH2	0	0	0	0	73	53.5	2133	40	57	208	1.425	0.274	0.192	4.3	20.00
2941	40.7951	117.6781	-261.9	394	EH2	0	0	1	0	74	54.1	2087	54	24	224	0.444	0.107	0.241	4.2	20.00
2942	40.7951	117.6787	-262.5	396	EH2	0	0	1	0	73	54.2	2013	41	21	254	0.512	0.083	0.161	4.3	20.00
2943	40.7951	117.6794	-263.1	361	EH2	0	0	1	0	67	53.0	1840	46	23	193	0.500	0.119	0.238	4.3	20.00
2944	40.7951	117.6800	-262.0	365	EH2	0	0	1	0	69	53.2	1853	54	26	172	0.481	0.151	0.314	4.3	20.00
2945	40.7951	117.6806	-261.3	376	EH2	0	0	1	0	78	53.5	1919	41	-7	237	-0.171	-0.030	0.173	4.3	20.00
2946	40.7951	117.6813	-262.7	397	EH2	0	0	0	0	67	54.2	1924	34	70	202	2.059	0.347	0.168	4.3	20.00
2947	40.7952	117.6819	-261.3	431	EH2	0	0	0	0	70	55.3	2077	56	63	184	1.125	0.342	0.304	4.3	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2948	40.7952	117.6825	-261.6	468	EH2	0	0	0	0	71	56.4	2034	55	90	158	1.636	0.570	0.348	4.3	20.00
2949	40.7952	117.6832	-261.0	497	EH2	0	0	1	0	78	57.2	2066	46	4	214	0.087	0.019	0.215	4.3	20.00
2950	40.7952	117.6838	-261.4	524	EH2	0	0	0	0	69	58.0	2151	24	45	225	1.875	0.200	0.107	4.3	20.00
2951	40.7952	117.6844	-260.4	540	EH2	0	0	0	0	62	58.4	2103	42	47	200	1.119	0.235	0.210	4.2	20.00
2952	40.7952	117.6850	-259.9	551	EH2	0	0	0	0	67	57.4	2137	46	72	158	1.565	0.456	0.291	4.2	20.00
2953	40.7953	117.6857	-259.1	546	EH2	0	0	0	0	65	57.3	2113	50	44	170	0.880	0.259	0.294	4.3	20.00
2954	40.7953	117.6863	-257.8	531	EH2	0	0	1	0	67	56.9	2039	32	18	187	0.563	0.096	0.171	4.3	20.00
2955	40.7953	117.6869	-256.9	533	EH2	0	0	0	0	59	57.0	2079	59	54	164	0.915	0.329	0.360	4.3	20.00
2956	40.7953	117.6876	-255.1	528	EH2	0	0	0	0	58	56.8	2103	58	40	177	0.690	0.226	0.328	4.2	20.00
2957	40.7953	117.6882	-252.0	518	EH2	0	0	0	0	64	56.6	2109	51	58	166	1.137	0.349	0.307	4.2	20.00
2958	40.7953	117.6888	-250.1	519	EH2	0	0	0	0	68	56.6	2202	36	109	164	3.028	0.665	0.220	4.3	20.00
2959	40.7954	117.6895	-248.8	511	EH2	0	0	0	0	69	56.3	2227	40	99	189	2.475	0.524	0.212	4.2	20.00
2960	40.7954	117.6901	-246.0	500	EH2	0	0	0	0	63	56.0	2077	43	71	198	1.651	0.359	0.217	4.1	20.00
2961	40.7954	117.6907	-244.4	498	EH2	0	0	0	0	64	56.0	2272	61	90	174	1.475	0.517	0.351	4.2	20.00
2962	40.7954	117.6913	-243.8	497	EH2	0	0	0	0	64	56.0	2281	58	70	199	1.207	0.352	0.291	4.1	20.00
2963	40.7954	117.6920	-241.5	494	EH2	0	0	0	0	69	55.9	2240	66	42	197	0.636	0.213	0.335	4.1	20.00
2964	40.7954	117.6926	-241.3	494	EH2	0	0	1	0	60	55.9	2240	66	12	205	0.182	0.059	0.322	4.0	20.00
2965	40.7955	117.6932	-240.2	489	EH2	0	0	0	0	59	55.7	2370	53	88	240	1.660	0.367	0.221	4.0	20.00
2966	40.7955	117.6939	-239.7	480	EH2	0	0	0	0	65	55.5	2372	70	63	180	0.900	0.350	0.389	4.0	20.00
2967	40.7955	117.6945	-238.9	471	EH2	0	0	0	0	70	55.2	2305	57	91	189	1.596	0.481	0.302	4.0	20.00
2968	40.7955	117.6951	-238.3	460	EH2	0	0	1	0	65	54.9	2241	69	21	204	0.304	0.103	0.338	4.0	20.00
2969	40.7955	117.6958	-239.3	450	EH2	0	0	0	0	69	54.6	2328	57	120	141	2.105	0.851	0.404	4.0	20.00
2970	40.7955	117.6964	-238.8	438	EH2	0	0	0	0	63	54.2	2278	58	92	188	1.586	0.489	0.309	4.1	20.00
2971	40.7956	117.6970	-240.7	423	EH2	0	0	0	0	63	62.5	2369	71	57	194	0.803	0.294	0.366	4.1	20.00
2972	40.7956	117.6976	-241.4	414	EH2	0	0	0	0	64	62.2	2207	61	46	195	0.754	0.236	0.313	4.0	20.00
2973	40.7956	117.6983	-241.4	404	EH2	0	0	0	0	63	61.8	2218	45	125	183	2.778	0.683	0.246	4.0	20.00
2974	40.7956	117.6989	-243.3	394	EH2	0	0	0	0	63	61.4	2210	50	121	178	2.420	0.680	0.281	4.1	20.00
2975	40.7956	117.6995	-244.5	385	EH2	0	0	0	0	61	61.1	2279	57	59	210	1.035	0.281	0.271	4.0	20.00
2976	40.7956	117.7002	-244.5	379	EH2	0	0	0	0	71	60.9	2192	53	66	190	1.245	0.347	0.279	4.0	20.00
2977	40.7957	117.7008	-244.9	372	EH2	0	0	0	0	66	60.6	2233	67	65	183	0.970	0.355	0.366	4.0	20.00
2978	40.7957	117.7014	-244.8	369	EH2	0	0	0	0	63	60.5	2158	55	64	190	1.164	0.337	0.289	4.0	20.00
2979	40.7957	117.7021	-246.8	358	EH2	0	0	0	0	65	60.1	2191	62	59	198	0.952	0.298	0.313	4.0	20.00
2980	40.7957	117.7027	-248.0	345	EH2	0	0	0	0	68	59.6	2181	61	77	198	1.262	0.389	0.308	4.1	20.00
2981	40.7957	117.7033	-249.9	338	EH2	0	0	0	0	69	59.3	2164	52	61	206	1.173	0.296	0.252	4.1	20.00
2982	40.7957	117.7039	-252.1	332	EH2	0	0	0	0	69	59.1	2200	56	31	197	0.554	0.157	0.284	4.2	20.00
2983	40.7958	117.7046	-253.2	332	EH2	0	0	0	0	64	59.1	2212	59	52	205	0.881	0.254	0.288	4.2	20.00
2984	40.7958	117.7052	-256.0	337	EH2	0	0	0	0	59	59.3	2196	52	104	171	2.000	0.608	0.304	4.2	20.00
2985	40.7958	117.7058	-257.3	348	EH2	0	0	0	0	67	59.7	2206	57	39	218	0.684	0.179	0.261	4.2	20.00
2986	40.7958	117.7065	-258.3	362	EH2	0	0	0	0	63	60.2	2239	53	114	172	2.151	0.663	0.308	4.2	20.00
2987	40.7958	117.7071	-260.8	376	EH2	0	0	0	0	69	60.8	2281	67	80	208	1.194	0.385	0.322	4.4	20.00
2988	40.7958	117.7077	-261.8	386	EH2	0	0	0	0	63	61.1	2185	62	91	142	1.468	0.641	0.437	4.6	20.00
2989	40.7959	117.7084	-263.7	391	EH2	0	0	0	0	65	61.3	2222	46	117	182	2.543	0.643	0.253	4.6	20.00
2990	40.7959	117.7090	-265.0	399	QAL	0	0	1	0	63	60.5	2103	49	22	216	0.449	0.102	0.227	4.7	20.00
2991	40.7959	117.7096	-266.6	403	QAL	0	0	0	0	62	60.7	2069	41	67	175	1.634	0.383	0.234	4.7	20.00
2992	40.7959	117.7103	-267.9	408	QAL	0	0	0	0	65	60.9	2098	57	64	147	1.123	0.435	0.388	4.8	20.00
2993	40.7959	117.7109	-270.0	411	QAL	0	0	0	0	66	60.9	2089	56	47	184	0.839	0.255	0.304	4.9	20.00
2994	40.7959	117.7115	-271.1	412	QAL	0	0	0	0	66	61.0	2137	59	66	185	1.119	0.357	0.319	5.0	20.00
2995	40.7960	117.7121	-272.7	414	QAL	0	0	0	0	61	61.1	2097	57	91	159	1.596	0.572	0.358	5.0	20.00
2996	40.7960	117.7128	-274.1	415	QAL	0	0	0	0	66	61.1	2036	61	69	135	1.131	0.511	0.452	5.1	20.00
2997	40.7960	117.7134	-275.4	418	QAL	0	0	1	0	56	61.2	2034	56	4	210	0.071	0.019	0.267	5.1	20.00
2998	40.7960	117.7140	-276.0	419	QAL	0	0	0	0	59	61.2	2042	41	31	233	0.756	0.133	0.176	5.1	20.00
2999	40.7960	117.7147	-278.9	416	QAL	0	0	0	0	74	61.1	2088	43	63	182	1.465	0.346	0.236	5.2	20.00
3000	40.7960	117.7153	-281.4	402	QAL	0	0	0	0	65	60.6	2045	57	83	141	1.456	0.589	0.404	5.3	20.00
3001	40.7961	117.7159	-281.6	396	QAL	0	0	1	0	65	60.4	2066	64	17	180	0.266	0.094	0.356	5.3	20.00

REC	LAT	LONG	RANG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3002	40.7961	117.7166	-283.0	393	QAL	0	0	0	0	59	60.3	2068	61	45	192	0.738	0.234	0.318	5.4	20.00
3003	40.7961	117.7172	-285.9	384	QAL	0	0	0	0	56	60.0	2118	55	145	110	2.636	1.318	0.500	5.3	20.00
3004	40.7961	117.7178	-286.9	374	QAL	0	0	0	0	58	59.6	2137	60	131	139	2.183	0.942	0.432	5.3	20.00
3005	40.7961	117.7184	-287.2	373	QAL	0	0	0	0	57	59.6	2124	52	102	156	1.962	0.654	0.333	5.5	20.00
3006	40.7961	117.7191	-288.6	373	QAL	0	0	0	0	54	59.6	2049	47	88	153	1.872	0.575	0.307	5.6	20.00
3007	40.7962	117.7197	-290.2	378	QAL	0	0	0	0	59	59.8	2019	53	41	199	0.774	0.206	0.266	5.6	20.00
3008	40.7962	117.7203	-291.6	377	QAL	0	0	0	0	62	59.7	2094	42	107	194	2.548	0.552	0.216	5.6	20.00
3009	40.7962	117.7210	-290.2	371	QAL	0	0	0	0	52	54.4	2073	29	113	191	3.897	0.592	0.152	5.6	20.00
3010	40.7962	117.7216	-291.6	372	QAL	0	0	0	0	63	54.5	2026	50	69	188	1.380	0.367	0.266	5.7	20.00
3011	40.7962	117.7222	-290.7	372	QAL	0	0	0	0	64	54.5	2122	43	125	170	2.907	0.735	0.253	5.8	20.00
3012	40.7962	117.7229	-293.1	370	QAL	0	0	1	0	64	54.4	2016	48	-7	212	-0.146	-0.033	0.226	5.8	20.00
3013	40.7963	117.7235	-293.3	366	QAL	0	0	0	0	68	54.3	2056	53	65	182	1.226	0.357	0.291	5.8	20.00
3014	40.7963	117.7241	-293.4	367	QAL	0	0	0	0	65	54.3	2071	32	199	129	6.219	1.543	0.248	5.9	20.00
3015	40.7963	117.7247	-294.8	368	QAL	0	0	0	0	68	54.3	2123	54	131	135	2.426	0.970	0.400	6.0	20.00
3016	40.7963	117.7254	-294.3	372	QAL	0	0	0	0	60	54.5	2026	63	74	150	1.175	0.493	0.420	6.3	20.00
3017	40.7963	117.7260	-295.9	374	QAL	0	0	0	0	59	54.5	2123	59	77	174	1.305	0.443	0.339	6.4	20.00
3018	40.7963	117.7266	-295.6	374	QAL	0	0	0	0	67	54.5	2104	58	43	196	0.741	0.219	0.296	6.6	20.00
3019	40.7964	117.7273	-296.7	376	QAL	0	0	0	0	62	54.6	2015	50	81	173	1.620	0.468	0.289	6.7	20.00
3020	40.7964	117.7279	-297.8	377	QAL	0	0	0	0	60	54.6	2157	55	79	199	1.436	0.397	0.276	6.9	20.00
3021	40.7964	117.7285	-297.9	373	QAL	0	0	0	0	72	54.5	2129	44	144	167	3.273	0.862	0.263	7.1	20.00
3022	40.7964	117.7292	-298.0	372	QAL	0	0	1	0	60	54.5	2110	68	20	200	0.294	0.100	0.340	7.3	20.00
3023	40.7964	117.7298	-299.9	372	QAL	0	0	0	0	64	54.5	2151	54	59	194	1.093	0.304	0.278	7.4	20.00
3024	40.7964	117.7304	-300.6	371	QAL	0	0	0	0	64	54.4	2165	63	76	180	1.206	0.422	0.350	7.4	20.00
3025	40.7965	117.7310	-301.4	372	QAL	0	0	0	0	59	54.5	2154	56	77	184	1.375	0.418	0.304	7.4	20.00
3026	40.7965	117.7317	-301.5	372	QAL	0	0	0	0	62	54.5	2169	61	65	195	1.066	0.333	0.315	7.5	20.00
3027	40.7965	117.7323	-303.1	375	QAL	0	0	0	0	63	54.6	2253	59	91	173	1.542	0.526	0.341	7.6	20.00
3028	40.7965	117.7329	-303.2	382	QAL	0	0	0	0	58	48.9	2208	45	93	228	2.067	0.408	0.197	7.6	20.00
3029	40.7965	117.7336	-303.5	389	QAL	0	0	0	0	59	49.1	2220	56	109	184	1.946	0.592	0.304	7.6	20.00
3030	40.7965	117.7342	-304.3	393	QAL	0	0	0	0	59	49.3	2221	62	52	221	0.839	0.235	0.281	7.7	20.00
3031	40.7966	117.7348	-303.6	402	QAL	0	0	0	0	60	49.5	2155	61	96	160	1.574	0.600	0.381	7.7	20.00
3032	40.7966	117.7355	-304.2	410	QAL	0	0	0	0	51	49.7	2221	55	76	216	1.382	0.352	0.255	7.8	20.00
3033	40.7966	117.7361	-303.8	410	QAL	0	0	0	0	63	49.8	2238	75	42	200	0.560	0.210	0.375	7.8	20.00
3034	40.7966	117.7367	-305.4	417	QAL	0	0	0	0	53	50.0	2264	54	133	166	2.463	0.801	0.325	7.9	20.00
3035	40.7966	117.7373	-304.9	428	QAL	0	0	0	0	60	50.3	2295	72	100	154	1.389	0.649	0.468	8.0	20.00
3036	40.7966	117.7380	-305.4	444	QAL	0	0	0	0	52	50.7	2280	56	91	230	1.625	0.396	0.243	8.1	20.00
3037	40.7967	117.7386	-305.9	463	QAL	0	0	0	0	72	51.2	2180	32	101	185	3.156	0.546	0.173	8.0	20.00
3038	40.7967	117.7392	-305.4	477	QAL	0	0	0	0	70	51.6	2223	51	123	158	2.412	0.778	0.323	7.9	20.00
3039	40.7967	117.7399	-304.9	480	QAL	0	0	0	0	61	51.7	2159	46	137	130	2.978	1.054	0.354	7.8	20.00
3040	40.7967	117.7405	-304.5	491	QAL	0	0	0	0	57	52.0	2117	59	94	175	1.593	0.537	0.337	7.8	20.00
3041	40.7967	117.7411	-305.1	495	QAL	0	0	1	0	61	52.1	2123	60	25	213	0.417	0.117	0.282	7.7	20.00
3042	40.7967	117.7418	-304.9	497	QAL	0	0	0	0	63	52.1	2114	49	55	211	1.122	0.261	0.232	7.8	20.00
3043	40.7968	117.7424	-304.7	499	QAL	0	0	0	0	56	52.2	2128	56	53	183	0.946	0.290	0.306	7.7	20.00
3044	40.7968	117.7430	-304.2	497	QAL	0	0	0	0	70	52.1	2063	50	51	171	1.020	0.298	0.292	7.6	20.00
3045	40.7968	117.7436	-302.3	497	QAL	0	0	0	0	58	52.1	2121	50	51	207	1.020	0.246	0.242	7.6	20.00
3046	40.7968	117.7443	-300.9	497	QAL	0	0	0	0	63	52.2	2100	31	84	196	2.710	0.429	0.158	7.6	20.00
3047	40.7968	117.7449	-299.3	496	QAL	0	0	0	0	64	50.4	2144	31	66	222	2.129	0.297	0.140	7.6	20.00
3048	40.7968	117.7455	-299.4	494	QAL	0	0	1	0	66	50.4	2058	37	19	187	0.514	0.102	0.198	7.5	20.00
3049	40.7968	117.7462	-299.3	494	QAL	0	0	1	0	66	50.4	2003	61	1	226	0.016	0.004	0.270	7.6	20.00
3050	40.7969	117.7468	-300.2	494	QAL	0	0	0	0	61	50.4	2071	46	58	201	1.261	0.289	0.229	7.6	20.00
3051	40.7969	117.7474	-298.8	492	QAL	0	0	0	0	63	50.3	1996	38	108	129	2.842	0.837	0.295	7.5	20.00
3052	40.7969	117.7481	-298.1	492	QAL	0	0	1	0	56	50.3	2007	52	15	192	0.288	0.078	0.271	7.5	20.00
3053	40.7969	117.7487	-297.8	491	QAL	0	0	0	0	60	50.3	1898	33	69	156	2.091	0.442	0.212	7.4	20.00
3054	40.7969	117.7493	-297.6	494	QAL	0	0	1	0	59	50.4	1925	33	-2	243	-0.061	-0.008	0.136	7.5	20.00
3055	40.7969	117.7500	-297.3	494	QAL	0	0	0	0	67	50.4	1943	36	75	176	2.083	0.426	0.205	7.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3056	40.7970	117.7506	-297.5	481	QAL	0	0	0	0	59	50.0	1853	36	46	151	1.278	0.305	0.238	7.2	20.00
3057	40.7970	117.7512	-297.4	472	QAL	0	0	0	0	65	49.8	1750	32	91	97	2.844	0.938	0.330	7.1	20.00
3058	40.7970	117.7518	-297.4	461	QAL	0	0	1	0	66	49.5	1641	38	-11	167	-0.289	-0.066	0.228	7.1	20.00
3059	40.7970	117.7525	-297.3	451	QAL	0	0	0	0	61	49.3	1616	30	24	128	0.800	0.188	0.234	7.0	20.00
3060	40.7970	117.7531	-295.0	445	QAL	0	0	0	0	59	49.1	1746	33	66	137	2.000	0.482	0.241	7.1	20.00
3061	40.7970	117.7537	-292.1	448	QAL	0	0	0	0	58	49.2	1755	45	31	159	0.689	0.195	0.283	7.0	20.00
3062	40.7971	117.7544	-293.1	435	QAL	0	0	1	0	61	48.8	1703	37	20	139	0.541	0.144	0.266	7.0	20.00
3063	40.7971	117.7550	-291.8	421	QAL	0	0	0	0	57	48.4	1687	32	41	136	1.281	0.301	0.235	7.0	20.00
3064	40.7971	117.7556	-290.5	417	QAL	0	0	0	0	63	48.3	1751	32	99	119	3.094	0.832	0.269	7.1	20.00
3065	40.7971	117.7563	-287.9	415	QAL	0	0	0	0	55	48.3	1690	31	104	100	3.355	1.040	0.310	7.0	20.00
3066	40.7971	117.7569	-284.0	411	QAL	0	0	0	0	59	47.9	1742	37	41	157	1.108	0.261	0.236	6.9	20.00
3067	40.7971	117.7575	-282.4	404	QAL	0	0	0	0	68	47.7	1662	37	36	119	0.973	0.303	0.311	6.7	20.00
3068	40.7972	117.7581	-280.1	396	QAL	0	0	1	0	55	47.5	1711	45	25	147	0.556	0.170	0.306	6.7	20.00
3069	40.7972	117.7588	-279.0	397	QAL	0	0	0	0	58	47.5	1762	34	67	168	1.971	0.399	0.202	6.6	20.00
3070	40.7972	117.7594	-275.6	400	QAL	0	0	0	0	62	47.6	1789	32	75	137	2.344	0.547	0.234	6.6	20.00
3071	40.7972	117.7600	-275.0	400	QAL	0	0	0	0	57	47.6	1878	35	66	196	1.886	0.337	0.179	6.5	20.00
3072	40.7972	117.7607	-272.4	386	QAL	0	0	1	0	61	47.2	1953	48	23	187	0.479	0.123	0.257	6.2	20.00
3073	40.7972	117.7613	-271.1	380	QAL	0	0	0	0	67	47.0	1982	50	59	174	1.180	0.339	0.287	6.1	20.00
3074	40.7973	117.7619	-269.7	377	QAL	0	0	0	0	58	46.9	2068	51	79	178	1.549	0.444	0.287	6.1	20.00
3075	40.7973	117.7626	-271.8	381	QAL	0	0	0	0	68	47.0	2114	46	31	232	0.674	0.134	0.198	6.1	20.00
3076	40.7973	117.7632	-269.7	387	QAL	0	0	0	0	60	47.2	2157	54	132	158	2.444	0.835	0.342	6.1	20.00
3077	40.7973	117.7638	-270.7	394	QAL	0	0	0	0	60	47.4	2111	67	49	203	0.731	0.241	0.330	6.0	20.00
3078	40.7973	117.7644	-272.5	402	QAL	0	0	0	0	64	47.6	2152	74	60	175	0.811	0.343	0.423	6.0	20.00
3079	40.7973	117.7651	-272.3	410	QAL	0	0	0	0	55	47.8	2067	58	53	189	0.914	0.280	0.307	6.0	20.00
3080	40.7974	117.7657	-275.3	421	QAL	0	0	0	0	68	48.2	2085	46	56	211	1.217	0.265	0.218	6.0	20.00
3081	40.7974	117.7663	-274.7	423	QAL	0	0	0	0	63	48.2	2134	53	87	178	1.642	0.489	0.298	6.0	20.00
3082	40.7974	117.7670	-274.1	421	QAL	0	0	0	0	62	48.1	2201	59	101	184	1.712	0.549	0.321	6.0	20.00
3083	40.7974	117.7676	-273.7	422	QAL	0	0	0	0	62	48.2	2179	58	101	184	1.741	0.549	0.315	5.9	20.00
3084	40.7974	117.7682	-274.5	431	QAL	0	0	0	0	62	48.4	2198	43	134	169	3.116	0.793	0.254	5.9	20.00
3085	40.7974	117.7687	-274.3	440	QAL	0	0	0	0	59	50.4	2135	29	111	200	3.828	0.555	0.145	5.8	20.00
3086	40.7975	117.7692	-275.5	442	QAL	0	0	0	0	58	50.5	2182	66	44	188	0.667	0.234	0.351	5.7	20.00
3087	40.7975	117.7696	-276.1	444	QAL	0	0	0	0	60	50.5	2236	42	109	195	2.595	0.559	0.215	5.7	20.00
3088	40.7975	117.7701	-275.7	447	QAL	0	0	0	0	64	50.6	2207	56	124	167	2.214	0.743	0.335	5.7	20.00
3089	40.7975	117.7705	-277.6	448	QAL	0	0	0	0	67	50.6	2307	77	37	201	0.481	0.184	0.383	5.7	20.00
3090	40.7975	117.7710	-277.3	445	QAL	0	0	0	0	60	50.5	2189	62	42	214	0.677	0.196	0.290	5.7	20.00
3091	40.7975	117.7715	-277.7	447	QAL	0	0	0	0	58	50.6	2222	66	75	191	1.136	0.393	0.346	5.7	20.00
3092	40.7975	117.7719	-278.4	447	QAL	0	0	0	0	61	50.6	2243	51	96	167	1.882	0.575	0.305	5.8	20.00
3093	40.7975	117.7724	-278.0	452	QAL	0	0	0	0	61	50.7	2151	55	56	180	1.018	0.311	0.306	5.7	20.00
3094	40.7976	117.7729	-277.1	456	QAL	0	0	0	0	59	50.8	2214	63	37	182	0.587	0.203	0.346	5.7	20.00
3095	40.7976	117.7733	-276.5	457	QAL	0	0	0	0	60	50.9	2223	57	100	192	1.754	0.521	0.297	5.7	20.00
3096	40.7976	117.7738	-276.7	457	QAL	0	0	0	0	56	50.9	2257	48	138	157	2.875	0.879	0.306	5.8	20.00
3097	40.7976	117.7742	-275.8	455	QAL	0	0	0	0	64	50.8	2173	53	63	206	1.189	0.306	0.257	5.8	20.00
3098	40.7976	117.7747	-275.3	446	QAL	0	0	0	0	68	50.6	2146	46	90	183	1.957	0.492	0.251	5.8	20.00
3099	40.7976	117.7752	-274.8	439	QAL	0	0	0	0	69	50.4	2250	63	68	189	1.079	0.360	0.333	5.8	20.00
3100	40.7976	117.7756	-274.2	434	QAL	0	0	0	0	53	50.2	2210	79	117	146	1.481	0.801	0.541	5.8	20.00
3101	40.7976	117.7761	-272.6	431	QAL	0	0	0	0	70	50.2	2156	43	88	178	2.047	0.494	0.242	5.8	20.00
3102	40.7977	117.7766	-271.8	426	QAL	0	0	0	0	53	50.0	2187	52	112	152	2.154	0.737	0.342	5.9	20.00
3103	40.7977	117.7770	-269.0	419	QAL	0	0	0	0	74	49.8	2206	62	57	157	0.919	0.363	0.395	5.9	20.00
3104	40.7977	117.7775	-267.7	415	QAL	0	0	0	0	61	58.1	2202	66	83	139	1.258	0.597	0.475	6.0	20.00
3105	40.7977	117.7780	-264.9	412	QAL	0	0	0	0	65	58.1	2115	43	84	180	1.953	0.467	0.239	6.0	20.00
3106	40.7977	117.7784	-262.1	408	QAL	0	0	0	0	60	57.9	2170	58	90	185	1.552	0.486	0.314	6.1	20.00
3107	40.7977	117.7789	-258.5	405	QAL	0	0	0	0	58	57.8	2108	52	102	139	1.962	0.734	0.374	6.1	20.00
3108	40.7977	117.7793	-255.0	401	QAL	0	0	0	0	64	57.7	2124	53	36	199	0.679	0.181	0.266	6.1	20.00
3109	40.7977	117.7798	-251.4	393	QAL	0	0	0	0	61	57.4	2186	54	146	133	2.704	1.098	0.406	6.1	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3110	40.7978	117.7803	-247.1	390	QAL	0	0	0	0	64	57.3	2192	59	93	161	1.576	0.578	0.366	6.2	20.00
3111	40.7978	117.7807	-242.8	387	QAL	0	0	0	0	61	57.2	2158	58	94	194	1.621	0.485	0.299	6.2	20.00
3112	40.7978	117.7812	-237.7	388	QAL	0	0	0	0	59	57.2	2198	64	69	164	1.078	0.421	0.390	6.2	20.00
3113	40.7978	117.7817	-230.6	392	QAL	0	0	0	0	66	57.4	2211	66	80	158	1.212	0.506	0.418	6.1	20.00
3114	40.7978	117.7821	-222.4	398	QAL	0	0	0	0	64	57.6	2137	56	73	173	1.304	0.422	0.324	6.1	20.00
3115	40.7978	117.7826	-213.1	399	QAL	0	0	0	0	68	57.6	2081	53	32	169	0.604	0.189	0.314	6.0	20.00
3116	40.7978	117.7831	-204.9	403	QAL	0	0	0	0	65	57.8	2226	63	65	191	1.032	0.340	0.330	6.0	20.00
3117	40.7978	117.7835	-196.3	406	QAL	0	0	0	0	66	57.8	2162	45	95	171	2.111	0.556	0.263	6.0	20.00
3118	40.7979	117.7840	-187.7	411	QAL	0	0	0	0	59	58.0	2177	69	43	177	0.623	0.243	0.390	6.0	20.00
3119	40.7979	117.7844	-178.6	414	QAL	0	0	0	0	68	58.1	2155	44	101	159	2.295	0.635	0.277	5.9	20.00
3120	40.7979	117.7849	-172.2	417	QAL	0	0	0	0	58	58.2	2227	66	87	170	1.318	0.512	0.388	5.8	20.00
3121	40.7979	117.7854	-165.9	415	QAL	0	0	0	0	66	58.2	2145	40	47	211	1.175	0.223	0.190	5.7	20.00
3122	40.7979	117.7858	-162.0	411	QAL	0	0	0	0	67	58.0	2133	52	54	205	1.038	0.263	0.254	5.5	20.00
3123	40.7979	117.7863	-159.8	402	QAL	0	0	0	0	64	52.6	2126	53	76	186	1.434	0.409	0.285	5.5	20.00
3124	40.7979	117.7868	-156.8	390	QAL	0	0	0	0	64	52.3	2143	55	81	189	1.473	0.429	0.291	5.4	20.00
3125	40.7979	117.7872	-156.2	383	QAL	0	0	0	0	65	52.0	2073	59	42	185	0.712	0.227	0.319	5.4	20.00
3126	40.7980	117.7877	-155.2	381	QAL	0	0	0	0	58	52.0	2154	48	97	180	2.021	0.539	0.267	5.3	20.00
3127	40.7980	117.7881	-152.1	378	QAL	0	0	0	0	61	51.9	2104	45	108	169	2.400	0.639	0.266	5.3	20.00
3128	40.7980	117.7886	-149.3	368	QAL	0	0	1	0	68	51.6	2070	59	22	188	0.373	0.117	0.314	5.2	20.00
3129	40.7980	117.7891	-145.1	354	QAL	0	0	0	0	56	51.1	2034	41	110	178	2.683	0.618	0.230	5.2	20.00
3130	40.7980	117.7895	-140.8	347	QAL	0	0	0	0	60	50.9	2018	52	95	152	1.827	0.625	0.342	5.2	20.00
3131	40.7980	117.7900	-135.0	347	QAL	0	0	0	0	66	50.9	1998	41	155	105	3.780	1.476	0.390	5.2	20.00
3132	40.7980	117.7905	-127.3	351	QAL	0	0	0	0	75	51.0	2088	77	48	150	0.623	0.320	0.513	5.1	20.00
3133	40.7980	117.7909	-118.1	365	QAL	0	0	0	0	65	51.5	2042	43	120	137	2.791	0.876	0.314	5.1	20.00
3134	40.7981	117.7914	-107.4	385	QAL	0	0	0	0	68	52.1	2243	65	83	158	1.277	0.525	0.411	5.1	20.00
3135	40.7981	117.7919	-97.2	396	QAL	0	0	0	0	61	52.5	2185	36	129	174	3.583	0.741	0.207	4.9	20.00
3136	40.7981	117.7923	-83.8	402	QAL	0	0	0	0	68	52.6	2315	52	89	203	1.712	0.438	0.256	4.8	20.00
3137	40.7981	117.7928	-70.4	405	QAL	0	0	0	0	69	52.7	2161	58	36	194	0.621	0.186	0.299	4.7	20.00
3138	40.7981	117.7932	-56.8	410	QAL	0	0	1	0	70	52.9	2219	72	24	208	0.333	0.115	0.346	4.6	20.00
3139	40.7981	117.7937	-42.4	415	QAL	0	0	0	0	67	53.0	2155	60	91	170	1.517	0.535	0.353	4.6	20.00
3140	40.7981	117.7942	-30.2	424	QAL	0	0	0	0	62	53.3	2223	43	138	144	3.209	0.958	0.299	4.5	20.00
3141	40.7982	117.7946	-18.6	432	QAL	0	0	0	0	67	53.5	2127	54	99	152	1.833	0.651	0.355	4.4	20.00
3142	40.7982	117.7951	-10.4	437	QAL	0	0	0	0	74	58.3	2090	59	67	168	1.136	0.399	0.351	4.2	20.00
3143	40.7982	117.7956	-4.7	456	QAL	0	0	1	0	64	58.8	2167	55	21	211	0.382	0.100	0.261	4.1	20.00
3144	40.7982	117.7960	-1.9	472	QAL	0	0	0	0	69	59.4	2128	51	104	136	2.039	0.765	0.375	4.0	20.00
3145	40.7982	117.7965	-3.2	485	QAL	0	0	0	0	72	59.8	2168	64	52	156	0.813	0.333	0.410	4.0	20.00
3146	40.7982	117.7970	-9.9	491	QAL	0	0	0	0	67	59.9	2257	58	71	161	1.224	0.441	0.360	3.9	20.00
3147	40.7982	117.7974	-15.0	486	QAL	0	0	0	0	76	59.8	2127	47	57	154	1.213	0.370	0.305	3.7	20.00
3148	40.7982	117.7979	-22.7	484	QAL	0	0	0	0	75	59.7	2096	43	52	161	1.209	0.323	0.267	3.6	20.00
3149	40.7983	117.7983	-31.6	486	QAL	0	0	1	0	69	59.8	2201	79	9	177	0.114	0.051	0.446	3.6	20.00
3150	40.7983	117.7988	-40.0	486	QAL	0	0	0	0	73	59.8	2078	33	99	165	3.000	0.600	0.200	3.6	20.00
3151	40.7983	117.7993	-49.1	489	QAL	0	0	0	0	70	59.9	2125	67	49	181	0.731	0.271	0.370	3.6	20.00
3152	40.7983	117.7997	-58.3	489	QAL	0	0	1	0	67	59.9	2089	63	12	162	0.190	0.074	0.389	3.6	20.00
3153	40.7983	117.8002	-67.7	484	QAL	0	0	0	0	64	59.7	2148	44	127	136	2.886	0.934	0.324	3.6	20.00
3154	40.7983	117.8007	-74.5	473	QAL	0	0	1	0	77	59.4	2206	74	-2	210	-0.027	-0.010	0.352	3.6	20.00
3155	40.7983	117.8011	-84.3	458	QAL	0	0	1	0	69	58.9	2262	54	21	220	0.389	0.095	0.245	3.6	20.00
3156	40.7983	117.8016	-91.7	431	QAL	0	0	0	0	67	58.1	2162	59	53	168	0.898	0.315	0.351	3.5	20.00
3157	40.7984	117.8020	-99.7	407	QAL	0	0	0	0	67	57.3	2101	55	128	150	2.327	0.853	0.367	3.4	20.00
3158	40.7984	117.8025	-105.0	392	QAL	0	0	0	0	74	56.8	2199	56	60	185	1.071	0.324	0.303	3.4	20.00
3159	40.7984	117.8030	-110.0	380	QAL	0	0	0	0	67	56.4	2081	47	94	166	2.000	0.566	0.283	3.3	20.00
3160	40.7984	117.8034	-112.9	380	QAL	0	0	1	0	73	56.4	2076	55	-5	215	-0.091	-0.023	0.256	3.3	20.00
3161	40.7984	117.8039	-115.3	380	QAL	0	0	0	0	70	55.2	2032	50	64	180	1.280	0.356	0.278	3.2	20.00
3162	40.7984	117.8044	-118.5	379	QAL	0	0	0	0	68	55.2	2070	44	73	165	1.659	0.442	0.267	3.1	20.00
3163	40.7984	117.8048	-120.7	379	QAL	0	0	0	0	76	55.2	1996	72	30	123	0.417	0.244	0.585	3.0	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3164	40.7984	117.8053	-120.3	380	QAL	0	0	0	0	70	55.2	2003	62	53	150	0.855	0.353	0.413	2.9	20.00
3165	40.7985	117.8058	-121.9	383	QAL	0	0	0	0	69	55.3	2016	59	69	138	1.169	0.500	0.428	2.9	20.00
3166	40.7985	117.8062	-121.6	384	QAL	0	0	0	0	76	55.3	2044	44	116	133	2.636	0.872	0.331	2.8	20.00
3167	40.7985	117.8067	-120.5	382	QAL	0	0	0	0	76	55.3	2054	52	82	138	1.577	0.594	0.377	2.7	20.00
3168	40.7985	117.8071	-115.2	381	QAL	0	0	0	0	65	55.2	2177	32	195	142	6.094	1.373	0.225	2.6	20.00
3169	40.7985	117.8076	-113.7	393	QAL	0	0	1	0	79	55.6	2078	63	19	161	0.302	0.118	0.391	2.6	20.00
3170	40.7985	117.8081	-110.6	399	QAL	0	0	0	0	70	55.8	2148	58	96	154	1.655	0.623	0.377	2.6	20.00
3171	40.7985	117.8085	-107.1	386	QAL	0	0	0	0	71	55.4	2085	51	60	177	1.176	0.339	0.288	2.6	20.00
3172	40.7985	117.8090	-105.6	372	QAL	0	0	0	0	70	54.9	2110	58	51	154	0.879	0.331	0.377	2.6	20.00
3173	40.7986	117.8095	-105.8	365	QAL	0	0	0	0	74	54.7	2100	57	71	157	1.246	0.452	0.363	2.6	20.00
3174	40.7986	117.8099	-103.4	369	QAL	0	0	0	0	71	54.8	2052	58	49	165	0.845	0.297	0.352	2.6	20.00
3175	40.7986	117.8104	-102.3	379	QAL	0	0	1	0	76	55.2	2026	74	-18	160	-0.243	-0.112	0.462	2.6	20.00
3176	40.7986	117.8109	-100.6	388	QAL	0	0	0	0	66	55.5	2055	73	55	154	0.753	0.357	0.474	2.4	20.00
3177	40.7986	117.8113	-99.5	388	QAL	0	0	0	0	68	55.5	2056	55	61	146	1.109	0.418	0.377	2.4	20.00
3178	40.7986	117.8118	-98.5	380	QAL	0	0	0	0	73	55.2	2082	47	74	166	1.574	0.446	0.283	2.3	20.00
3179	40.7986	117.8122	-96.2	375	QAL	0	0	0	0	76	55.0	2042	59	65	122	1.102	0.533	0.484	2.2	20.00
3180	40.7986	117.8127	-97.4	364	QAL	0	0	0	0	80	56.9	2010	65	82	127	1.262	0.646	0.512	2.1	20.00
3181	40.7987	117.8132	-95.1	357	QAL	0	0	0	0	73	56.7	2033	52	114	130	2.192	0.877	0.400	2.0	20.00
3182	40.7987	117.8136	-92.3	353	QAL	0	0	0	0	82	56.5	2100	55	112	127	2.036	0.882	0.433	1.9	20.00
3183	40.7987	117.8141	-91.1	340	QAL	0	0	0	0	81	56.0	2022	60	49	156	0.817	0.314	0.385	1.9	20.00
3184	40.7987	117.8146	-89.0	334	QAL	0	0	1	0	81	55.9	2041	49	24	211	0.490	0.114	0.232	1.9	20.00
3185	40.7987	117.8150	-84.2	325	QAL	0	0	0	0	76	55.5	2033	60	31	159	0.517	0.195	0.377	1.9	20.00
3186	40.7987	117.8155	-82.0	319	QAL	0	0	1	0	86	55.3	2031	76	-11	191	-0.145	-0.058	0.398	1.9	20.00
3187	40.7987	117.8159	-77.1	317	QAL	0	0	0	0	86	55.2	2068	51	96	164	1.882	0.585	0.311	1.9	20.00
3188	40.7987	117.8164	-69.8	318	QAL	0	0	0	0	71	55.2	1989	61	59	145	0.967	0.407	0.421	1.8	20.00
3189	40.7988	117.8169	-65.8	331	QAL	0	0	1	0	66	55.7	1998	74	12	158	0.162	0.076	0.468	1.7	20.00
3190	40.7988	117.8173	-58.5	358	QAL	0	0	0	0	75	56.7	2035	57	64	161	1.123	0.398	0.354	1.6	20.00
3191	40.7988	117.8178	-51.0	380	QAL	0	0	0	0	79	57.5	2036	43	61	162	1.419	0.377	0.265	1.5	20.00
3192	40.7988	117.8183	-39.9	382	QAL	0	0	0	0	82	57.5	2057	50	59	165	1.180	0.358	0.303	1.5	20.00
3193	40.7988	117.8187	-26.9	365	QAL	0	0	1	0	76	57.0	1950	56	9	160	0.161	0.056	0.350	1.5	20.00
3194	40.7988	117.8192	-3.1	363	QAL	0	0	0	0	82	56.9	1995	59	44	175	0.746	0.251	0.337	1.5	20.00
3195	40.7988	117.8197	27.3	360	QAL	0	0	0	0	81	56.8	1966	49	62	149	1.265	0.416	0.329	1.3	20.00
3196	40.7988	117.8201	51.6	356	QAL	0	0	1	0	88	56.6	1929	58	-7	185	-0.121	-0.038	0.314	1.1	20.00
3197	40.7989	117.8206	45.6	353	QAL	0	0	0	0	86	56.5	1925	58	54	140	0.931	0.386	0.414	1.0	20.00
3198	40.7989	117.8210	20.3	363	QAL	0	0	1	0	94	56.9	1906	53	18	158	0.340	0.114	0.335	1.0	20.00
3199	40.7989	117.8215	-4.3	400	QAL	0	0	0	0	76	40.1	1991	55	69	140	1.255	0.493	0.393	1.0	20.00
3200	40.7989	117.8220	-19.7	428	QAL	0	0	0	0	82	40.7	1987	43	71	145	1.651	0.490	0.297	0.9	20.00
3201	40.7989	117.8224	-24.5	473	QAL	0	0	0	0	90	41.7	2038	58	42	123	0.724	0.341	0.472	0.8	20.00
3202	40.7989	117.8229	-24.4	498	QAL	0	0	0	0	83	42.3	2075	66	66	144	1.000	0.458	0.458	0.5	20.00
3203	40.7989	117.8234	-17.8	531	QAL	0	0	0	0	76	42.9	2076	53	53	177	1.000	0.299	0.299	0.3	20.00
3204	40.7989	117.8238	-11.8	548	QAL	0	0	0	0	91	43.3	2063	44	57	150	1.295	0.380	0.293	0.0	20.00
3205	40.7990	117.8243	-10.5	548	QAL	0	0	0	0	82	43.3	1949	44	44	169	1.000	0.260	0.260	-0.2	20.00
3206	40.7990	117.8248	-9.9	546	QAL	0	0	0	0	86	43.2	1845	42	52	120	1.238	0.433	0.350	-0.3	20.00
3207	40.7990	117.8252	-10.4	595	QAL	0	0	0	0	82	44.2	2007	50	48	140	0.960	0.343	0.357	-0.4	20.00
3208	40.7990	117.8257	-12.0	635	QAL	0	0	0	0	91	45.0	1951	52	74	106	1.423	0.698	0.491	-0.4	20.00
3209	40.7990	117.8261	-13.4	660	QAL	0	0	0	0	86	45.4	2011	36	49	162	1.361	0.302	0.222	-0.4	20.00
3210	40.7990	117.8266	-15.1	695	QAL	0	0	0	0	80	46.0	1947	42	34	135	0.810	0.252	0.311	-0.5	20.00
3211	40.7990	117.8271	-18.3	743	QAL	1	0	0	0	81	46.8	2068	49	47	161	0.959	0.292	0.304	-0.4	20.00
3212	40.7990	117.8275	-22.7	770	QAL	1	0	1	0	88	47.2	2072	52	21	151	0.404	0.139	0.344	-0.4	20.00
3213	40.7991	117.8280	-29.1	807	QAL	1	0	0	0	88	47.8	2030	42	66	144	1.571	0.458	0.292	-0.3	20.00
3214	40.7991	117.8285	-35.9	821	QAL	1	0	0	0	91	48.0	1985	43	43	133	1.000	0.323	0.323	-0.3	20.00
3215	40.7991	117.8289	-43.9	806	QAL	1	0	1	0	92	47.8	2011	59	-34	197	-0.576	-0.173	0.299	-0.2	20.00
3216	40.7991	117.8294	-52.9	791	QAL	1	0	0	0	80	47.6	2040	46	103	62	2.239	1.661	0.742	-0.2	20.00
3217	40.7991	117.8298	-60.6	763	QAL	1	0	0	0	87	47.1	1892	47	41	93	0.872	0.441	0.505	-0.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3218	40.7991	117.8303	-67.7	733	QAL	1	0	0	0	88	35.2	1791	45	52	66	1.156	0.788	0.682	0.0	20.00
3219	40.7991	117.8308	-75.9	701	QAL	1	0	0	0	91	34.8	1746	21	29	183	1.381	0.158	0.115	0.0	20.00
3220	40.7991	117.8312	-82.9	666	QAL	0	0	1	0	80	34.3	1595	42	-41	173	-0.976	-0.237	0.243	0.0	20.00
3221	40.7992	117.8317	-89.9	651	QAL	0	0	0	0	84	34.1	1522	26	59	51	2.269	1.157	0.510	0.0	20.00
3222	40.7992	117.8322	-96.7	636	QAL	0	0	0	0	79	33.9	1381	16	39	92	2.438	0.424	0.174	0.0	20.00
3223	40.7992	117.8326	-101.3	630	QAL	0	0	0	0	84	33.8	1372	14	97	28	6.929	3.464	0.500	0.0	20.00
3224	40.7992	117.8331	-107.4	614	QAL	0	0	1	0	83	33.6	1365	33	13	72	0.394	0.181	0.458	0.0	20.00
3225	40.7992	117.8336	-111.9	596	QAL	0	0	0	0	81	33.4	1384	21	66	42	3.143	1.571	0.500	0.0	20.00
3226	40.7992	117.8340	-117.7	588	QAL	0	0	0	1	82	33.3	1281	6	52	68	8.667	0.765	0.088	0.0	20.00
3227	40.7992	117.8345	-122.5	590	QAL	0	0	0	0	87	33.3	1266	10	74	26	7.400	2.846	0.385	0.0	20.00
3228	40.7992	117.8349	-125.4	597	QAL	0	0	0	0	90	33.4	1368	11	43	78	3.909	0.551	0.141	0.0	20.00
3229	40.7993	117.8354	-129.7	580	QAL	0	0	0	0	92	33.1	1285	17	34	53	2.000	0.642	0.321	0.0	20.00
3230	40.7993	117.8359	-133.3	559	QAL	0	0	0	0	95	32.8	1309	16	33	38	2.063	0.868	0.421	0.0	20.00
3231	40.7993	117.8363	-136.4	534	QAL	0	0	0	0	86	32.5	1185	18	33	60	1.833	0.550	0.300	0.0	20.00
3232	40.7993	117.8368	-141.9	518	QAL	0	0	1	0	86	32.2	1117	12	16	44	1.333	0.364	0.273	0.0	20.00
3233	40.7993	117.8373	-144.3	548	QAL	0	0	1	0	92	32.7	1279	26	-12	67	-0.462	-0.179	0.388	0.0	20.00
3234	40.7993	117.8377	-147.0	603	QAL	0	0	0	0	81	33.5	1205	9	65	38	7.222	1.711	0.237	0.0	20.00
3235	40.7993	117.8382	-148.8	653	QAL	0	0	0	0	82	34.2	1403	18	56	51	3.111	1.098	0.353	0.0	20.00
3236	40.7993	117.8387	-152.7	682	QAL	0	0	1	0	94	34.5	1458	23	24	74	1.043	0.324	0.311	0.0	20.00
3237	40.7994	117.8391	-156.7	702	TRGV2	1	0	0	1	91	30.9	1496	3	52	101	17.333	0.515	0.030	0.0	20.00
3238	40.7994	117.8396	-158.3	706	TRGV2	1	0	1	0	94	30.9	1515	27	-5	122	-0.185	-0.041	0.221	0.0	20.00
3239	40.7994	117.8400	-160.5	726	TRGV2	1	0	0	0	93	31.1	1646	14	79	69	5.643	1.145	0.203	0.2	20.00
3240	40.7994	117.8405	-164.0	722	TRGV2	1	0	0	0	85	31.1	1695	31	50	62	1.613	0.806	0.500	0.3	20.00
3241	40.7994	117.8410	-166.5	674	TRGV2	0	0	0	0	90	30.5	1637	24	82	73	3.417	1.123	0.329	0.4	20.00
3242	40.7994	117.8414	-169.7	608	TRGV2	0	0	0	0	73	29.7	1666	13	93	101	7.154	0.921	0.129	0.6	20.00
3243	40.7994	117.8419	-171.2	537	TRGV2	0	0	0	0	88	28.8	1645	24	76	95	3.167	0.800	0.253	0.7	20.00
3244	40.7994	117.8424	-172.9	499	TRGV2	0	0	0	0	88	28.3	1497	26	81	84	3.115	0.964	0.310	0.7	20.00
3245	40.7995	117.8428	-173.6	503	TRGV2	0	0	0	0	90	28.3	1630	27	91	89	3.370	1.022	0.303	0.8	20.00
3246	40.7995	117.8433	-173.5	530	TRGV2	0	0	0	0	89	28.7	1619	42	52	106	1.238	0.491	0.396	0.9	20.00
3247	40.7995	117.8438	-174.6	559	TRGV2	0	0	0	0	97	29.1	1709	26	67	142	2.577	0.472	0.183	1.0	20.00
3248	40.7995	117.8442	-174.3	615	TRGV2	0	0	0	0	92	29.8	1690	35	77	91	2.200	0.846	0.385	1.1	20.00
3249	40.7995	117.8447	-174.0	649	TRGV2	0	0	0	0	85	30.2	1582	41	36	101	0.878	0.356	0.406	1.1	20.00
3250	40.7995	117.8451	-175.1	686	TRGV2	0	0	0	0	85	30.7	1850	14	74	146	5.286	0.507	0.096	1.2	20.00
3251	40.7995	117.8456	-175.2	716	TRGV2	1	0	1	0	90	31.0	1760	25	0	156	0.040	0.006	0.160	1.2	20.00
3252	40.7996	117.8461	-174.2	742	TRGV2	1	0	0	0	87	31.3	1726	36	53	90	1.472	0.589	0.400	1.3	20.00
3253	40.7996	117.8465	-172.3	778	TRGV2	1	0	1	0	90	31.7	1854	46	4	113	0.087	0.035	0.407	1.4	20.00
3254	40.7996	117.8470	-170.3	825	TRGV2	1	0	1	0	92	32.2	1748	21	17	165	0.810	0.103	0.127	1.5	20.00
3255	40.7996	117.8475	-168.8	873	TRGV2	1	0	0	0	89	32.6	1759	32	51	115	1.594	0.443	0.278	1.7	20.00
3256	40.7996	117.8479	-167.5	926	TRGV2	1	0	0	0	85	48.7	1929	26	102	67	3.923	1.522	0.388	1.9	20.00
3257	40.7996	117.8484	-164.7	983	TRGV2	1	0	0	0	93	49.4	2088	62	53	118	0.883	0.449	0.508	2.0	20.00
3258	40.7996	117.8488	-163.1	1007	TRGV2	2	0	0	0	82	49.7	1947	21	58	144	2.762	0.403	0.146	2.0	20.00
3259	40.7996	117.8493	-160.7	986	TRGV2	1	0	1	0	89	49.5	2030	51	3	158	0.059	0.019	0.323	2.0	20.00
3260	40.7997	117.8498	-157.0	1003	TRGV2	2	1	0	0	93	49.7	2151	56	122	9	2.179	13.556	6.222	2.0	20.00
3261	40.7997	117.8502	-155.0	1024	TRGV2	2	0	0	0	81	49.9	2313	39	38	228	0.974	0.167	0.171	2.0	20.00
3262	40.7997	117.8507	-154.3	1000	TRGV2	2	0	1	0	89	49.6	2357	71	5	235	0.070	0.021	0.302	1.9	20.00
3263	40.7997	117.8512	-152.5	942	TRGV2	1	0	0	0	86	48.9	2172	38	41	229	1.079	0.179	0.166	1.8	20.00
3264	40.7997	117.8516	-151.0	861	TRGV2	1	0	0	0	85	47.8	2255	59	120	102	2.034	1.176	0.578	1.8	20.00
3265	40.7997	117.8521	-149.9	803	TRGV2	1	0	0	0	96	47.0	2102	40	73	120	1.825	0.608	0.333	1.8	20.00
3266	40.7997	117.8526	-148.6	745	TRGV2	1	0	1	0	105	46.1	2279	69	-7	186	-0.101	-0.038	0.371	1.7	20.00
3267	40.7997	117.8530	-146.6	672	TRGV2	0	0	0	0	81	44.9	2143	54	48	177	0.889	0.271	0.305	1.7	20.00
3268	40.7998	117.8535	-146.4	619	TRGV2	0	0	1	0	90	44.0	2025	45	-14	195	-0.311	-0.072	0.231	1.7	20.00
3269	40.7998	117.8539	-144.3	584	TRGV2	0	0	0	0	85	43.3	2218	46	57	189	1.239	0.302	0.243	1.6	20.00
3270	40.7998	117.8544	-142.7	559	TRGV2	0	0	0	0	85	42.8	2268	58	91	160	1.569	0.569	0.363	1.6	20.00
3271	40.7998	117.8549	-141.4	529	TRGV2	0	0	0	0	92	42.2	2275	48	112	157	2.333	0.713	0.306	1.5	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3272	40.7998	117.8553	-140.8	489	TRGV2	0	0	0	0	93	41.4	2188	51	86	162	1.686	0.531	0.315	1.4	20.00
3273	40.7998	117.8558	-139.1	452	TRGV2	0	0	0	0	94	40.6	2280	55	86	190	1.564	0.453	0.289	1.4	20.00
3274	40.7998	117.8563	-137.0	416	TRGV2	0	0	0	0	89	39.8	2228	55	69	216	1.255	0.319	0.255	1.3	20.00
3275	40.7998	117.8567	-136.2	385	TRGV2	0	0	0	0	79	46.1	2189	56	70	188	1.250	0.372	0.298	1.2	20.00
3276	40.7999	117.8572	-133.0	365	TRGV2	0	0	0	0	93	45.6	2191	61	64	169	1.049	0.379	0.361	1.2	20.00
3277	40.7999	117.8577	-128.9	365	TRGV2	0	0	0	0	85	45.6	2236	45	74	214	1.644	0.346	0.210	1.2	20.00
3278	40.7999	117.8581	-126.5	375	TRGV2	0	0	0	0	87	45.8	2195	66	54	187	0.818	0.289	0.353	1.3	20.00
3279	40.7999	117.8586	-120.8	388	TRGV2	0	0	0	0	81	46.2	2317	57	81	228	1.421	0.355	0.250	1.3	20.00
3280	40.7999	117.8590	-118.8	404	TRGV2	0	0	0	0	95	46.6	2383	65	86	195	1.323	0.441	0.333	1.3	20.00
3281	40.7999	117.8595	-113.8	421	TRGV2	0	0	0	0	79	47.1	2418	63	100	227	1.587	0.441	0.278	1.4	20.00
3282	40.7999	117.8600	-108.8	444	TRGV2	0	0	0	0	78	47.7	2363	59	60	213	1.017	0.282	0.277	1.3	20.00
3283	40.7999	117.8604	-105.0	468	TRGV2	0	0	0	0	81	48.3	2356	61	51	240	0.836	0.213	0.254	1.3	20.00
3284	40.8000	117.8609	-99.4	491	TRGV2	0	0	0	0	77	48.9	2360	58	100	213	1.724	0.469	0.272	1.3	20.00
3285	40.8000	117.8614	-94.3	495	TRGV2	0	0	0	0	82	49.0	2314	61	84	172	1.377	0.488	0.355	1.2	20.00
3286	40.8000	117.8618	-89.2	499	TRGV2	0	0	0	0	86	49.1	2166	58	86	144	1.483	0.597	0.403	1.2	20.00
3287	40.8000	117.8623	-87.1	500	TRGV2	0	0	0	0	82	49.1	2098	45	30	204	0.667	0.147	0.221	1.2	20.00
3288	40.8000	117.8627	-83.4	512	TRGV2	0	0	0	0	80	49.4	2077	55	80	117	1.455	0.684	0.470	1.2	20.00
3289	40.8000	117.8632	-82.7	551	TRGV2	0	0	1	0	85	50.3	2105	42	13	229	0.310	0.057	0.183	1.1	20.00
3290	40.8000	117.8637	-83.2	596	TRGV2	0	0	0	0	88	51.3	2101	52	97	110	1.865	0.882	0.473	1.1	20.00
3291	40.7999	117.8643	-84.5	637	TRGV2	0	0	0	0	82	52.2	2158	53	42	194	0.792	0.216	0.273	1.0	20.00
3292	40.7999	117.8648	-87.1	698	TRGV2	0	0	1	0	80	53.5	2271	61	16	190	0.262	0.084	0.321	0.9	20.00
3293	40.7998	117.8653	-91.5	748	TRGV2	1	0	0	0	84	54.4	2356	53	50	135	0.943	0.370	0.393	0.8	20.00
3294	40.7998	117.8658	-97.4	781	TRGV2	1	0	1	0	81	66.0	2314	61	22	178	0.361	0.124	0.343	0.8	20.00
3295	40.7997	117.8663	-101.8	831	TRGV2	1	0	1	0	72	67.1	2281	75	18	192	0.240	0.094	0.391	0.8	20.00
3296	40.7997	117.8669	-107.3	846	TRGV2	1	0	0	0	74	67.4	2384	55	38	215	0.691	0.177	0.256	0.8	20.00
3297	40.7997	117.8674	-112.2	807	TRGV2	1	0	0	0	83	66.6	2463	36	75	222	2.083	0.338	0.162	0.8	20.00
3298	40.7996	117.8679	-118.8	661	TRGV2	0	0	1	0	83	63.3	2236	54	8	203	0.148	0.039	0.266	0.8	20.00
3299	40.7996	117.8684	-121.7	566	TRGV2	0	0	0	0	72	60.8	2237	62	60	93	0.968	0.645	0.667	0.8	20.00
3300	40.7995	117.8689	-123.8	506	TRGV2	0	0	0	0	83	59.1	2161	46	66	181	1.435	0.365	0.254	0.7	20.00
3301	40.7995	117.8695	-123.5	497	TRGV2	0	0	0	0	67	58.8	2088	71	30	149	0.423	0.201	0.477	0.7	20.00
3302	40.7994	117.8700	-121.9	493	TRGV2	0	0	0	0	71	58.7	2194	55	51	209	0.927	0.244	0.263	0.7	20.00
3303	40.7994	117.8705	-117.1	475	TRGV2	0	0	0	0	86	58.2	2118	59	32	140	0.542	0.229	0.421	0.7	20.00
3304	40.7993	117.8710	-111.2	445	TRGV2	0	0	0	0	91	57.2	1972	45	32	187	0.711	0.171	0.241	0.7	20.00
3305	40.7993	117.8715	-102.0	430	TRGV2	0	0	0	0	74	56.8	2062	46	46	160	1.000	0.288	0.288	0.6	20.00
3306	40.7993	117.8721	-93.3	433	TRGV2	0	0	0	0	80	56.9	2079	61	102	119	1.672	0.857	0.513	0.5	20.00
3307	40.7992	117.8726	-82.0	458	TRGV2	0	0	1	0	81	57.7	2091	69	11	155	0.159	0.071	0.445	0.5	20.00
3308	40.7992	117.8731	-68.1	488	TRGV2	0	0	0	0	83	58.6	2177	47	97	144	2.064	0.674	0.326	0.4	20.00
3309	40.7991	117.8736	-53.8	498	TRGV2	0	0	0	0	86	58.9	2144	61	53	161	0.869	0.329	0.379	0.4	20.00
3310	40.7991	117.8741	-42.6	541	TRGV2	0	0	1	0	77	60.1	2209	63	21	139	0.333	0.151	0.453	0.4	20.00
3311	40.7990	117.8747	-33.1	588	TRGV2	0	0	1	0	77	61.4	2362	51	14	213	0.275	0.066	0.239	0.3	20.00
3312	40.7990	117.8752	-26.8	602	TRGV2	0	0	0	0	82	61.7	2341	34	136	160	4.000	0.850	0.213	0.3	20.00
3313	40.7989	117.8757	-24.9	610	TRGV2	0	0	0	0	92	57.1	2367	55	65	185	1.182	0.351	0.297	0.3	20.00
3314	40.7989	117.8762	-26.3	595	TRGV2	0	0	0	0	83	56.7	2425	74	94	134	1.270	0.701	0.552	0.4	20.00
3315	40.7988	117.8767	-30.2	603	TRGV2	0	0	0	0	76	56.9	2325	65	45	205	0.692	0.220	0.317	0.4	20.00
3316	40.7988	117.8773	-34.9	583	TRGV2	0	0	0	0	77	56.4	2442	74	51	182	0.689	0.280	0.407	0.3	20.00
3317	40.7988	117.8778	-38.5	532	TRGV2	0	0	1	0	81	55.1	2198	64	15	161	0.234	0.093	0.398	0.2	20.00
3318	40.7987	117.8783	-36.6	493	TRGV2	0	0	0	0	71	54.1	2179	61	42	196	0.689	0.214	0.311	0.3	20.00
3319	40.7987	117.8788	-33.5	465	TRGV2	0	0	0	0	76	53.3	2042	37	93	152	2.514	0.612	0.243	0.3	20.00
3320	40.7986	117.8794	-37.3	447	TRGV2	0	0	0	0	84	52.8	2054	60	93	153	1.550	0.608	0.392	0.4	20.00
3321	40.7986	117.8799	-52.8	449	TRGV2	0	0	0	0	72	52.9	2118	58	77	157	1.328	0.490	0.369	0.5	20.00
3322	40.7985	117.8804	-67.7	452	TRGV2	0	0	0	0	90	53.0	2167	50	83	172	1.660	0.483	0.291	0.6	20.00
3323	40.7985	117.8809	-78.4	433	TRGV2	0	0	0	0	78	52.4	2203	35	90	208	2.571	0.433	0.168	0.7	20.00
3324	40.7984	117.8814	-87.5	414	TRGV2	0	0	0	0	72	51.8	2172	43	131	189	3.047	0.693	0.228	0.8	20.00
3325	40.7984	117.8820	-90.8	383	TRGV2	0	0	0	0	81	50.9	2104	57	62	201	1.088	0.308	0.284	0.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3326	40.7983	117.8825	-92.3	333	TRGV2	0	0	0	0	77	49.3	1893	54	54	139	1.000	0.388	0.388	1.0	20.00
3327	40.7983	117.8830	-88.6	320	TRGV2	0	0	0	0	79	48.9	1933	45	74	162	1.644	0.457	0.278	1.2	20.00
3328	40.7983	117.8835	-78.0	336	TRGV2	0	0	0	0	77	49.4	1994	48	101	166	2.104	0.608	0.289	1.3	20.00
3329	40.7982	117.8840	-55.4	364	TRGV2	0	0	0	0	77	50.3	1939	47	62	149	1.319	0.416	0.315	1.4	20.00
3330	40.7982	117.8846	-17.3	398	TRGV2	0	0	1	0	84	51.4	2012	55	18	186	0.327	0.097	0.296	1.4	20.00
3331	40.7981	117.8851	39.4	432	TRGV2	0	0	0	0	78	52.4	2015	45	96	165	2.133	0.582	0.273	1.4	20.00
3332	40.7981	117.8856	108.5	460	TRGV2	0	0	0	0	80	48.6	2015	36	72	157	2.000	0.459	0.229	1.4	20.00
3333	40.7980	117.8861	170.9	484	TRGV2	0	0	0	0	77	49.2	2011	58	47	143	0.810	0.329	0.406	1.5	20.00
3334	40.7980	117.8866	205.8	487	TRGV2	0	0	0	0	75	49.3	2005	52	51	166	0.981	0.307	0.313	1.6	20.00
3335	40.7979	117.8872	197.5	465	TRGV2	0	0	1	0	87	48.7	1873	59	-27	177	-0.458	-0.153	0.333	1.7	20.00
3336	40.7979	117.8877	157.6	425	TRGV2	0	0	0	0	77	47.6	1815	39	92	110	2.359	0.836	0.355	1.7	20.00
3337	40.7979	117.8882	112.1	418	TRGV2	0	0	0	0	65	47.5	1900	52	49	153	0.942	0.320	0.340	1.8	20.00
3338	40.7978	117.8887	80.7	434	TRGV2	0	0	0	0	83	47.9	1868	41	49	131	1.195	0.374	0.313	2.0	20.00
3339	40.7978	117.8892	59.8	459	TRGV2	0	0	1	0	84	48.5	1943	46	12	176	0.261	0.068	0.261	2.1	20.00
3340	40.7977	117.8898	43.1	484	TRGV2	0	0	0	0	71	49.2	2096	54	75	144	1.389	0.521	0.375	2.2	20.00
3341	40.7977	117.8903	22.3	495	TRGV2	0	0	0	0	73	49.4	1992	55	50	147	0.909	0.340	0.374	2.3	20.00
3342	40.7976	117.8908	-7.7	506	TRGV2	0	0	1	0	83	49.7	1897	50	13	114	0.260	0.114	0.439	2.3	20.00
3343	40.7976	117.8913	-33.4	520	TRGV2	0	0	0	0	70	50.1	1958	48	86	113	1.792	0.761	0.425	2.4	20.00
3344	40.7975	117.8918	-48.8	513	TRGV2	0	0	0	0	63	49.9	1927	45	91	77	2.022	1.182	0.584	2.4	20.00
3345	40.7975	117.8924	-59.8	500	TRGV2	0	0	0	0	81	49.6	1914	33	110	130	3.333	0.846	0.254	2.4	20.00
3346	40.7974	117.8929	-65.9	499	TRGV2	0	0	0	0	73	49.6	1803	50	75	100	1.500	0.750	0.500	2.4	20.00
3347	40.7974	117.8934	-72.0	500	TRGV2	0	0	1	0	74	49.6	1931	49	25	173	0.510	0.145	0.283	2.4	20.00
3348	40.7974	117.8939	-76.0	516	TRGV2	0	0	0	0	64	50.0	1826	40	58	99	1.450	0.586	0.404	2.4	20.00
3349	40.7973	117.8945	-78.4	515	TRGV2	0	0	0	0	74	49.9	1879	55	39	85	0.709	0.459	0.647	2.5	20.00
3350	40.7973	117.8950	-77.7	521	TRGV2	0	0	0	0	68	50.1	1905	37	80	117	2.162	0.684	0.316	2.6	20.00
3351	40.7972	117.8955	-72.9	540	TRGV2	0	0	0	0	73	53.5	1970	41	91	107	2.220	0.850	0.383	2.6	20.00
3352	40.7972	117.8960	-66.2	551	TRGV2	0	0	0	0	69	53.8	2005	39	45	165	1.154	0.273	0.236	2.7	20.00
3353	40.7971	117.8965	-49.8	548	TRGV2	0	0	0	0	72	53.7	2125	53	42	146	0.792	0.288	0.363	2.7	20.00
3354	40.7971	117.8971	-31.9	544	TRGV2	0	0	0	0	76	53.6	2154	45	70	189	1.556	0.370	0.238	2.8	20.00
3355	40.7970	117.8976	-17.4	528	TRGV2	0	0	0	0	73	53.2	2204	59	107	125	1.814	0.856	0.472	2.9	20.00
3356	40.7970	117.8981	-11.1	524	TRGV2	0	0	0	0	65	53.1	2116	59	101	129	1.712	0.783	0.457	3.0	20.00
3357	40.7969	117.8986	-5.5	521	TRGV2	0	0	0	0	63	53.0	2126	46	92	133	2.000	0.692	0.346	3.1	20.00
3358	40.7969	117.8991	-5.9	507	TRGV2	0	0	0	0	84	52.6	2081	33	94	147	2.848	0.639	0.224	3.3	20.00
3359	40.7969	117.8997	-13.9	499	TRGV2	0	0	0	0	78	52.4	2163	56	99	116	1.768	0.853	0.483	3.4	20.00
3360	40.7968	117.9002	-24.5	499	TRGV2	0	0	0	0	72	52.4	2155	49	109	122	2.224	0.893	0.402	3.6	20.00
3361	40.7968	117.9007	-31.9	497	TRGV2	0	0	0	0	70	52.4	2171	62	60	174	0.968	0.345	0.356	3.6	20.00
3362	40.7967	117.9012	-31.7	496	TRGV2	0	0	0	0	74	52.3	2143	40	84	164	2.100	0.512	0.244	3.7	20.00
3363	40.7967	117.9017	-27.7	487	TRGV2	0	0	0	0	69	52.1	2227	56	45	221	0.804	0.204	0.253	3.8	20.00
3364	40.7966	117.9023	-30.7	472	TRGV2	0	0	0	0	73	51.7	2138	43	91	150	2.116	0.607	0.287	3.8	20.00
3365	40.7966	117.9028	-33.6	486	TRGV2	0	0	0	0	67	52.1	2143	45	67	218	1.489	0.307	0.206	3.8	20.00
3366	40.7965	117.9033	-32.8	479	TRGV2	0	0	0	0	57	51.9	2090	60	72	149	1.200	0.483	0.403	3.8	20.00
3367	40.7965	117.9038	-29.2	472	TRGV2	0	0	0	0	61	51.7	2151	47	72	194	1.532	0.371	0.242	3.9	20.00
3368	40.7965	117.9043	-20.4	467	TRGV2	0	0	0	0	62	51.6	2145	61	29	194	0.475	0.149	0.314	4.0	20.00
3369	40.7964	117.9049	-11.0	469	TRGV2	0	0	1	0	70	51.6	2168	48	19	221	0.396	0.086	0.217	4.1	20.00
3370	40.7964	117.9054	4.3	483	TRGV2	0	0	0	0	70	53.2	2208	52	76	197	1.462	0.386	0.264	4.1	20.00
3371	40.7963	117.9059	22.0	495	TRGV2	0	0	0	0	64	53.6	2246	56	109	157	1.946	0.694	0.357	4.1	20.00
3372	40.7963	117.9064	34.7	499	TRGV2	0	0	0	0	65	53.7	2166	45	101	198	2.244	0.510	0.227	4.1	20.00
3373	40.7962	117.9069	40.4	509	TRGV2	0	0	0	0	65	53.9	2133	54	78	171	1.444	0.456	0.316	4.0	20.00
3374	40.7962	117.9075	46.8	506	TRGV2	0	0	0	0	75	53.8	2103	54	70	146	1.296	0.479	0.370	4.0	20.00
3375	40.7961	117.9080	64.6	499	TRGV2	0	0	0	0	62	53.7	2165	71	42	174	0.592	0.241	0.408	4.0	20.00
3376	40.7961	117.9085	93.5	499	TRGV2	0	0	1	0	59	53.7	2092	60	-7	224	-0.117	-0.031	0.268	3.9	20.00
3377	40.7960	117.9090	116.7	511	TRGV2	0	0	0	0	63	54.0	2184	48	134	128	2.792	1.047	0.375	3.9	20.00
3378	40.7960	117.9096	113.5	523	TRGV2	0	0	0	0	62	54.3	2311	60	60	184	1.000	0.326	0.326	3.8	20.00
3379	40.7960	117.9101	85.7	536	TRGV2	0	0	0	0	62	54.6	2220	63	60	172	0.952	0.349	0.366	3.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3380	40.7959	117.9106	52.3	558	TRGV2	0	0	0	0	64	55.2	2299	59	99	167	1.678	0.593	0.353	3.8	20.00
3381	40.7959	117.9111	17.2	562	TRGV2	0	0	0	0	65	55.3	2217	45	38	166	0.844	0.229	0.271	4.0	20.00
3382	40.7958	117.9116	-15.6	540	TRGV2	0	0	0	0	72	54.7	2105	61	62	130	1.016	0.477	0.469	4.0	20.00
3383	40.7958	117.9122	-42.9	508	TRGV2	0	0	0	0	62	53.9	2124	52	78	149	1.500	0.523	0.349	4.1	20.00
3384	40.7957	117.9127	-67.6	498	TRRA	0	0	0	0	73	53.6	2106	55	44	153	0.800	0.288	0.359	4.1	20.00
3385	40.7957	117.9132	-84.0	495	TRRA	0	0	0	0	60	53.6	2170	55	79	149	1.436	0.530	0.369	4.2	20.00
3386	40.7956	117.9137	-97.7	493	TRRA	0	0	0	0	58	53.5	2217	53	106	163	2.000	0.650	0.325	4.3	20.00
3387	40.7956	117.9142	-106.1	489	TRRA	0	0	0	0	72	53.4	2213	57	38	196	0.667	0.194	0.291	4.5	20.00
3388	40.7956	117.9148	-116.1	492	TRRA	0	0	0	0	69	53.5	2164	66	30	170	0.455	0.176	0.388	4.7	20.00
3389	40.7955	117.9153	-121.7	495	TRRA	0	0	0	0	65	59.2	2121	65	102	126	1.569	0.810	0.516	4.8	20.00
3390	40.7955	117.9158	-123.6	498	TRRA	0	0	0	0	68	59.3	2193	30	86	211	2.867	0.408	0.142	4.9	20.00
3391	40.7954	117.9163	-120.2	500	TRRA	0	0	0	0	65	59.3	2159	39	150	156	3.846	0.962	0.250	5.0	20.00
3392	40.7954	117.9168	-116.7	501	TRRA	0	0	1	0	65	59.3	2144	62	22	193	0.355	0.114	0.321	5.1	20.00
3393	40.7953	117.9174	-113.6	498	TRRA	0	0	0	0	69	59.3	2251	58	48	190	0.828	0.253	0.305	5.1	20.00
3394	40.7953	117.9179	-110.8	493	TRRA	0	0	0	0	67	59.1	2173	53	89	144	1.679	0.618	0.368	5.1	20.00
3395	40.7952	117.9184	-110.4	490	TRRA	0	0	0	0	66	59.0	2136	85	37	136	0.435	0.272	0.625	5.2	20.00
3396	40.7952	117.9189	-106.3	492	TRRA	0	0	0	0	68	59.1	2148	73	41	165	0.562	0.248	0.442	5.2	20.00
3397	40.7951	117.9194	-93.9	492	TRRA	0	0	1	0	67	59.1	2121	71	2	184	0.028	0.011	0.386	5.3	20.00
3398	40.7951	117.9200	-77.0	493	TRRA	0	0	0	0	66	59.1	2130	65	83	143	1.277	0.580	0.455	5.4	20.00
3399	40.7951	117.9205	-67.9	493	TRRA	0	0	0	0	67	59.1	2207	38	56	204	1.474	0.275	0.186	5.4	20.00
3400	40.7950	117.9210	-69.0	490	TRRA	0	0	0	0	76	59.0	2192	63	73	184	1.159	0.397	0.342	5.4	20.00
3401	40.7950	117.9215	-79.9	484	TRRA	0	0	0	0	65	58.9	2230	38	143	138	3.763	1.036	0.275	5.4	20.00
3402	40.7949	117.9220	-95.9	469	TRRA	0	0	0	0	73	58.4	2177	49	48	195	0.980	0.246	0.251	5.4	20.00
3403	40.7949	117.9226	-111.8	459	TRRA	0	0	0	0	66	58.1	2279	70	82	170	1.171	0.482	0.412	5.4	20.00
3404	40.7948	117.9231	-134.4	433	TRRA	0	0	0	0	70	57.3	2223	67	69	159	1.030	0.434	0.421	5.4	20.00
3405	40.7948	117.9236	-165.4	421	TRRA	0	0	0	0	58	56.9	2261	58	114	175	1.966	0.651	0.331	5.4	20.00
3406	40.7947	117.9241	-200.0	417	TRRA	0	0	0	0	67	56.8	2198	47	92	185	1.957	0.497	0.254	5.4	20.00
3407	40.7947	117.9247	-227.8	425	TRRA	0	0	0	0	65	57.0	2236	48	47	239	0.979	0.197	0.201	5.5	20.00
3408	40.7946	117.9252	-244.5	418	TRRA	0	0	0	0	74	53.3	2252	48	118	202	2.458	0.584	0.238	5.5	20.00
3409	40.7946	117.9257	-243.6	410	TRRA	0	0	0	0	60	53.0	2200	66	51	190	0.773	0.268	0.347	5.3	20.00
3410	40.7946	117.9262	-223.3	399	TRRA	0	0	0	0	67	52.7	2156	50	47	193	0.940	0.244	0.259	5.2	20.00
3411	40.7945	117.9267	-188.1	380	TRRA	0	0	0	0	65	52.1	2121	45	59	212	1.311	0.278	0.212	5.0	20.00
3412	40.7945	117.9273	-170.1	364	TRRA	0	0	0	0	70	51.6	2050	41	64	205	1.561	0.312	0.200	4.9	20.00
3413	40.7944	117.9278	-186.1	376	TRRA	0	0	0	0	63	52.0	2082	53	50	202	0.943	0.248	0.262	4.9	20.00
3414	40.7944	117.9283	-214.9	390	TRRA	0	0	0	0	62	52.4	2084	45	49	204	1.089	0.240	0.221	4.9	20.00
3415	40.7943	117.9288	-237.5	358	TRRA	0	0	0	0	59	51.4	2112	47	73	197	1.553	0.371	0.239	4.9	20.00
3416	40.7943	117.9293	-249.4	351	TRRA	0	0	0	0	68	51.1	2013	51	42	216	0.824	0.194	0.236	5.0	20.00
3417	40.7942	117.9299	-260.5	355	TRRA	0	0	0	0	59	51.3	2108	63	64	161	1.016	0.398	0.391	5.0	20.00
3418	40.7942	117.9304	-269.5	367	TRRA	0	0	0	0	54	51.7	2059	37	105	187	2.838	0.561	0.198	5.1	20.00
3419	40.7942	117.9309	-274.3	376	TRRA	0	0	1	0	62	52.0	2050	53	18	221	0.340	0.081	0.240	5.0	20.00
3420	40.7941	117.9314	-278.1	380	TRRA	0	0	0	0	60	52.1	2067	38	61	219	1.605	0.279	0.174	5.0	20.00
3421	40.7941	117.9319	-280.1	388	TRRA	0	0	0	0	62	52.3	2084	53	61	183	1.151	0.333	0.290	5.7	20.00
3422	40.7940	117.9325	-282.1	402	TRRA	0	0	0	0	66	52.8	2139	57	55	195	0.965	0.282	0.292	10.0	20.00
3423	40.7940	117.9330	-279.9	412	TRRA	0	0	0	0	61	53.1	2118	52	62	191	1.192	0.325	0.272	3.3	20.00
3424	40.7939	117.9335	-278.7	423	TRRA	0	0	0	0	66	53.4	2106	44	125	175	2.841	0.714	0.251	2.2	20.00
3425	40.7939	117.9340	-280.0	430	TRRA	0	0	0	0	60	53.6	2154	44	79	214	1.795	0.369	0.206	1.9	20.00
3426	40.7938	117.9345	-276.8	440	TRRA	0	0	0	0	65	53.9	2213	55	115	149	2.091	0.772	0.369	1.1	20.00
3427	40.7938	117.9351	-276.3	444	TRRA	0	0	1	0	63	64.2	2064	60	21	202	0.350	0.104	0.297	-0.2	20.00
3428	40.7937	117.9356	-276.0	443	TRRA	0	0	1	0	65	64.2	2182	67	6	193	0.090	0.031	0.347	1.4	20.00
3429	40.7937	117.9361	-273.8	441	TRRA	0	0	0	0	63	64.1	2152	52	39	201	0.750	0.194	0.259	2.5	20.00
3430	40.7937	117.9366	-271.9	442	TRRA	0	0	0	0	62	64.1	2194	70	56	165	0.800	0.339	0.424	13.8	20.00
3431	40.7936	117.9371	-269.6	438	TRRA	0	0	0	0	60	64.0	2164	47	98	155	2.085	0.632	0.303	18.7	20.00
3432	40.7936	117.9377	-268.6	417	TRRA	0	0	0	0	61	63.3	2161	60	65	201	1.083	0.323	0.299	6.9	20.00
3433	40.7935	117.9382	-267.1	406	TRRA	0	0	0	0	61	62.8	2217	62	64	196	1.032	0.327	0.316	9.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3434	40.7935	117.9387	-265.3	396	TRRA	0	0	0	0	72	62.5	2184	66	36	197	0.545	0.183	0.335	6.3	20.00
3435	40.7934	117.9392	-260.7	390	TRRA	0	0	0	0	66	62.3	2207	60	63	197	1.050	0.320	0.305	8.6	20.00
3436	40.7934	117.9398	-260.6	384	TRRA	0	0	0	0	61	62.0	2327	70	107	180	1.529	0.594	0.389	12.9	20.00
3437	40.7933	117.9403	-259.0	380	TRRA	0	0	0	0	57	61.9	2207	58	107	186	1.845	0.575	0.312	22.1	20.00
3438	40.7933	117.9408	-257.9	376	TRRA	0	0	0	0	58	61.7	2195	59	130	180	2.203	0.722	0.328	21.5	20.00
3439	40.7932	117.9413	-255.8	369	TRRA	0	0	0	0	66	61.5	2088	38	142	148	3.737	0.959	0.257	26.5	20.00
3440	40.7932	117.9418	-254.2	361	TRRA	0	0	0	0	63	61.1	2014	51	32	181	0.627	0.177	0.282	13.6	20.00
3441	40.7932	117.9424	-251.6	354	TRRA	0	0	0	0	63	60.9	2062	58	94	169	1.621	0.556	0.343	11.6	20.00
3442	40.7931	117.9429	-249.8	353	TRRA	0	0	0	0	68	60.9	2085	59	83	167	1.407	0.497	0.353	10.8	20.00
3443	40.7931	117.9434	-246.9	354	TRRA	0	0	0	0	63	60.9	2206	50	109	192	2.180	0.568	0.260	4.9	20.00
3444	40.7930	117.9439	-249.0	344	TRRA	0	0	1	0	61	60.5	2200	71	-2	239	-0.028	-0.008	0.297	7.4	20.00
3445	40.7930	117.9444	-245.6	347	TRRA	0	0	0	0	60	60.6	2176	67	53	199	0.791	0.266	0.337	4.4	20.00
3446	40.7929	117.9450	-245.0	348	TRRA	0	0	0	0	59	60.7	2183	55	68	189	1.236	0.360	0.291	-0.4	20.00
3447	40.7929	117.9455	-244.8	351	TRRA	0	0	0	0	56	60.8	2200	66	50	196	0.758	0.255	0.337	5.6	20.00
3448	40.7928	117.9460	-240.4	351	TRRA	0	0	1	0	60	60.8	2162	66	26	210	0.394	0.124	0.314	1.7	20.00
3449	40.7928	117.9465	-241.3	353	TRRA	0	0	0	0	69	60.9	2149	49	119	177	2.429	0.672	0.277	1.1	20.00
3450	40.7928	117.9470	-240.1	363	TRRA	0	0	0	0	54	61.2	2193	53	89	216	1.679	0.412	0.245	5.0	20.00
3451	40.7927	117.9476	-236.3	372	TRRA	0	0	1	0	56	61.6	2057	73	2	190	0.027	0.011	0.384	2.9	20.00
3452	40.7927	117.9481	-237.1	381	TRRA	0	0	1	0	60	61.9	2020	43	24	217	0.558	0.111	0.198	3.4	20.00
3453	40.7926	117.9486	-237.1	392	TRRA	0	0	0	0	64	62.3	2117	47	42	211	0.894	0.199	0.223	-0.8	20.00
3454	40.7926	117.9491	-235.5	393	TRRA	0	0	0	0	57	62.4	2181	48	56	192	1.167	0.292	0.250	3.7	20.00
3455	40.7925	117.9496	-235.0	401	TRRA	0	0	0	0	59	62.7	2099	55	43	180	0.782	0.239	0.306	2.9	20.00
3456	40.7925	117.9502	-235.5	415	TRRA	0	0	0	0	52	63.2	2126	33	97	197	2.939	0.492	0.168	9.2	20.00
3457	40.7924	117.9507	-235.6	418	TRRA	0	0	0	0	58	63.3	2116	51	30	186	0.588	0.161	0.274	5.0	20.00
3458	40.7924	117.9512	-234.4	423	TRRA	0	0	0	0	58	63.5	2145	64	33	188	0.516	0.176	0.340	3.3	20.00
3459	40.7923	117.9517	-232.5	425	TRRA	0	0	0	0	58	63.6	2108	53	60	186	1.132	0.323	0.285	-0.4	20.00
3460	40.7923	117.9522	-232.8	429	TRRA	0	0	0	0	66	63.7	2183	59	70	183	1.186	0.383	0.322	-5.8	20.00
3461	40.7923	117.9528	-231.2	427	TRRA	0	0	0	0	60	63.6	2113	47	40	212	0.851	0.189	0.222	-5.8	20.00
3462	40.7922	117.9533	-231.3	430	TRRA	0	0	1	0	56	63.7	2162	63	17	183	0.270	0.093	0.344	-6.9	20.00
3463	40.7922	117.9538	-231.5	427	TRRA	0	0	0	0	65	63.6	2137	57	68	162	1.193	0.420	0.352	0.4	20.00
3464	40.7921	117.9543	-230.3	426	TRRA	0	0	0	0	59	63.6	2085	46	30	171	0.652	0.175	0.269	-4.2	20.00
3465	40.7921	117.9549	-231.4	427	TRRA	0	0	0	0	59	63.6	2125	45	95	166	2.111	0.572	0.271	5.9	20.00
3466	40.7920	117.9554	-230.6	421	TRRA	0	0	0	0	59	63.4	2230	45	117	170	2.600	0.688	0.265	5.4	20.00
3467	40.7920	117.9559	-231.5	415	TRRA	0	0	0	0	66	63.2	2206	52	74	170	1.423	0.435	0.306	7.8	20.00
3468	40.7919	117.9564	-229.0	402	TRRA	0	0	0	0	60	62.7	2169	48	81	203	1.688	0.399	0.236	2.2	20.00
3469	40.7919	117.9569	-228.5	384	TRRA	0	0	1	0	63	62.0	2146	67	5	199	0.075	0.025	0.337	-5.4	20.00
3470	40.7918	117.9575	-229.2	375	TRRA	0	0	0	0	66	61.7	2188	57	55	211	0.965	0.261	0.270	1.9	20.00

1 GEODATA INT. INC. SINGLE REC LISTING WINNEMUCCA MAP LINE 19

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
28641	40.8503	117.9749	-193.2	299	QLG	0	0	0	0	69	10.2	1821	50	62	179	1.240	0.346	0.279	23.5	20.00
28642	40.8503	117.9743	-195.6	389	QLG	0	0	0	0	54	10.8	2230	56	101	204	1.804	0.495	0.275	23.6	20.00
28643	40.8503	117.9737	-195.2	388	QLG	0	0	0	0	57	10.8	2272	65	103	205	1.585	0.502	0.317	23.5	20.00
28644	40.8503	117.9731	-194.4	384	QLG	0	0	0	0	57	10.8	2315	58	135	216	2.328	0.625	0.269	23.5	20.00
28645	40.8502	117.9731	-193.9	385	QLG	0	0	0	0	58	10.8	2215	57	82	241	1.439	0.340	0.237	23.5	20.00
28646	40.8502	117.9720	-191.1	384	QLG	0	0	0	0	56	10.8	2253	75	65	229	0.867	0.284	0.328	23.4	20.00
28647	40.8502	117.9714	-190.2	387	QLG	0	0	0	0	62	10.8	2300	62	144	183	2.323	0.787	0.339	23.3	20.00
28648	40.8502	117.9708	-187.1	390	QLG	0	0	0	0	51	10.8	2207	51	119	217	2.333	0.548	0.235	23.3	20.00
28649	40.8502	117.9702	-185.9	393	QLG	0	0	0	0	55	10.9	2208	59	136	161	2.305	0.845	0.366	23.1	20.00
28650	40.8502	117.9697	-183.5	393	QLG	0	0	0	0	55	10.9	2224	68	129	182	1.897	0.709	0.374	23.0	20.00
28651	40.8501	117.9691	-183.8	409	QLG	0	0	0	0	58	11.0	2156	70	58	204	0.829	0.284	0.343	23.1	20.00
28652	40.8501	117.9685	-179.6	415	QLG	0	0	0	0	60	11.0	2187	48	120	219	2.500	0.548	0.219	22.9	20.00
28653	40.8501	117.9679	-177.4	416	QLG	0	0	0	0	61	11.0	2279	56	100	224	1.786	0.446	0.250	22.9	20.00
28654	40.8501	117.9674	-175.1	415	QLG	0	0	0	0	50	11.0	2173	57	143	209	2.509	0.684	0.273	22.8	20.00
28655	40.8501	117.9668	-172.4	418	QLG	0	0	0	0	62	11.0	2137	61	152	138	2.492	1.101	0.442	22.7	20.00
28656	40.8501	117.9662	-169.7	426	QLG	0	0	0	0	64	11.1	2201	69	124	163	1.797	0.761	0.423	22.8	20.00
28657	40.8500	117.9656	-168.0	430	QLG	0	0	0	0	61	11.1	2141	38	106	177	2.789	0.599	0.215	22.7	20.00
28658	40.8500	117.9650	-165.7	428	QLG	0	0	0	0	62	11.1	2207	69	91	199	1.319	0.457	0.347	22.6	20.00
28659	40.8500	117.9645	-162.3	430	QLG	0	0	0	0	66	11.1	2212	60	62	222	1.033	0.279	0.270	22.6	20.00
28660	40.8500	117.9639	-161.4	426	QAL	0	0	0	0	61	11.1	2213	59	138	194	2.339	0.711	0.304	22.5	20.00
28661	40.8500	117.9633	-159.0	428	QAL	0	0	0	0	61	11.1	2114	48	106	217	2.208	0.488	0.221	22.4	20.00
28662	40.8499	117.9627	-157.9	423	QAL	0	0	0	0	65	11.0	2169	54	126	192	2.333	0.656	0.281	22.3	20.00
28663	40.8499	117.9622	-157.8	429	QAL	0	0	0	0	61	11.1	2226	47	146	194	3.106	0.753	0.242	22.3	20.00
28664	40.8499	117.9616	-156.8	441	QAL	0	0	0	0	68	11.2	2163	51	132	176	2.588	0.750	0.290	22.2	20.00
28665	40.8499	117.9610	-156.8	448	QAL	0	0	0	0	60	25.8	2164	60	108	182	1.800	0.593	0.330	22.1	20.00
28666	40.8499	117.9604	-156.9	451	QAL	0	0	1	0	60	25.9	2022	65	27	200	0.415	0.135	0.325	22.0	20.00
28667	40.8499	117.9598	-155.8	455	QAL	0	0	0	0	63	25.9	2023	44	84	223	1.909	0.377	0.197	21.9	20.00
28668	40.8498	117.9593	-155.4	454	QAL	0	0	0	0	59	25.9	2048	62	62	170	1.000	0.365	0.365	21.8	20.00
28669	40.8498	117.9587	-155.0	456	QAL	0	0	0	0	64	26.0	2005	47	112	159	2.383	0.704	0.296	21.6	20.00
28670	40.8498	117.9581	-153.9	451	QAL	0	0	0	0	55	25.9	2156	59	84	192	1.424	0.438	0.307	21.5	20.00
28671	40.8498	117.9575	-153.6	445	QAL	0	0	1	0	65	25.8	2100	68	15	226	0.221	0.066	0.301	21.4	20.00
28672	40.8498	117.9570	-152.7	439	QAL	0	0	0	0	53	25.7	2116	64	81	209	1.266	0.388	0.306	21.3	20.00
28673	40.8498	117.9564	-152.9	434	QAL	0	0	0	0	61	25.6	2174	60	96	197	1.600	0.487	0.305	21.1	20.00
28674	40.8497	117.9558	-152.6	426	QAL	0	0	0	0	57	25.5	2095	50	113	181	2.260	0.624	0.276	21.0	20.00
28675	40.8497	117.9552	-153.3	418	QAL	0	0	0	0	60	25.4	2164	55	131	161	2.382	0.814	0.342	20.8	20.00
28676	40.8497	117.9546	-153.0	407	QAL	0	0	0	0	58	25.2	2133	44	170	133	3.864	1.278	0.331	20.7	20.00
28677	40.8497	117.9541	-155.9	400	QAL	0	0	0	0	66	25.2	2111	55	69	210	1.255	0.329	0.262	20.6	20.00
28678	40.8497	117.9535	-158.4	388	QAL	0	0	0	0	55	25.0	2083	56	150	138	2.679	1.087	0.406	20.6	20.00
28679	40.8497	117.9529	-159.0	387	QAL	0	0	0	0	57	24.9	2127	72	98	163	1.361	0.601	0.442	20.5	20.00
28680	40.8496	117.9523	-160.3	390	QAL	0	0	0	0	57	25.0	2161	64	61	204	0.953	0.299	0.314	20.4	20.00
28681	40.8496	117.9518	-160.2	387	QAL	0	0	0	0	63	24.9	2146	64	77	205	1.203	0.376	0.312	20.3	20.00
28682	40.8496	117.9512	-160.2	382	QAL	0	0	0	0	59	24.9	2117	47	123	180	2.617	0.683	0.261	20.1	20.00
28683	40.8496	117.9506	-160.8	380	QAL	0	0	0	0	54	24.8	2169	65	73	234	1.123	0.312	0.278	20.1	20.00
28684	40.8496	117.9500	-160.7	371	TRGV2	0	0	0	0	64	18.7	2195	59	102	195	1.729	0.523	0.303	20.0	20.00
28685	40.8496	117.9494	-164.4	361	TRGV2	0	0	0	0	55	18.6	2309	62	123	218	1.984	0.564	0.284	19.8	20.00
28686	40.8495	117.9489	-166.9	345	TRGV2	0	0	0	0	60	18.4	2188	49	69	241	1.408	0.286	0.203	19.7	20.00
28687	40.8495	117.9483	-168.4	337	TRGV2	0	0	0	0	69	18.3	2166	50	125	185	2.500	0.676	0.270	19.7	20.00
28688	40.8495	117.9477	-167.5	331	TRGV2	0	0	0	0	78	18.3	2196	42	135	204	3.214	0.662	0.206	19.7	20.00
28689	40.8495	117.9471	-167.9	329	TRGV2	0	0	0	0	60	18.2	2283	51	126	238	2.471	0.529	0.214	19.7	20.00
28690	40.8495	117.9466	-166.8	327	TRGV2	0	0	0	0	63	18.2	2153	79	53	212	0.671	0.250	0.373	19.6	20.00
28691	40.8494	117.9460	-164.7	327	TRGV2	0	0	0	0	59	18.2	2149	64	41	234	0.641	0.175	0.274	19.4	20.00
28692	40.8494	117.9454	-163.1	323	TRGV2	0	0	0	0	67	18.2	2247	63	112	223	1.778	0.502	0.283	19.2	20.00
28693	40.8494	117.9448	-161.2	319	TRGV2	0	0	0	0	63	18.1	2238	67	127	215	1.896	0.591	0.312	19.1	20.00
28694	40.8494	117.9442	-160.1	315	TRGV2	0	0	0	0	66	18.1	2257	82	50	203	0.610	0.246	0.404	19.1	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
28695	40.8494	117.9437	-159.0	310	TRGV2	0	0	0	0	64	18.0	2273	70	126	229	1.800	0.550	0.306	19.0	20.00
28696	40.8494	117.9431	-159.7	310	TRGV2	0	0	0	0	63	18.0	2284	71	108	217	1.521	0.498	0.327	19.0	20.00
28697	40.8493	117.9425	-162.0	315	TRGV2	0	0	0	0	57	18.1	2238	66	121	189	1.833	0.640	0.349	19.1	20.00
28698	40.8493	117.9419	-164.5	321	TRGV2	0	0	0	0	66	18.1	2195	64	38	252	0.594	0.151	0.254	19.0	20.00
28699	40.8493	117.9414	-167.1	324	TRGV2	0	0	0	0	64	18.2	2283	65	66	239	1.015	0.276	0.272	19.0	20.00
28700	40.8493	117.9408	-170.4	333	TRGV2	0	0	0	0	61	18.3	2175	77	90	210	1.169	0.429	0.367	19.0	20.00
28701	40.8493	117.9402	-171.0	343	TRGV2	0	0	0	0	60	18.4	2279	61	188	157	3.082	1.197	0.389	19.0	20.00
28702	40.8493	117.9396	-171.3	351	TRGV2	0	0	0	0	62	18.5	2301	71	110	202	1.549	0.545	0.351	19.0	20.00
28703	40.8492	117.9390	-172.6	359	TRGV2	0	0	0	0	64	25.9	2165	60	71	227	1.183	0.313	0.264	19.0	20.00
28704	40.8492	117.9385	-176.2	364	TRGV2	0	0	0	0	69	26.0	2295	74	87	210	1.176	0.414	0.352	19.0	20.00
28705	40.8492	117.9379	-181.0	362	TRGV2	0	0	0	0	71	25.9	2248	80	47	199	0.587	0.236	0.402	19.0	20.00
28706	40.8492	117.9373	-185.6	365	TRGV2	0	0	0	0	54	26.0	2350	78	118	204	1.513	0.578	0.382	19.0	20.00
28707	40.8492	117.9367	-190.5	365	TRGV2	0	0	0	0	64	26.0	2296	69	122	199	1.768	0.613	0.347	18.9	20.00
28708	40.8492	117.9362	-196.4	365	TRGV2	0	0	0	0	57	26.0	2370	61	131	212	2.148	0.618	0.288	18.9	20.00
28709	40.8491	117.9356	-200.7	367	TRGV2	0	0	0	0	64	26.0	2374	60	134	206	2.233	0.650	0.291	18.9	20.00
28710	40.8491	117.9350	-205.3	366	TRGV2	0	0	0	0	60	26.0	2338	67	135	183	2.015	0.738	0.366	18.9	20.00
28711	40.8491	117.9344	-209.7	365	TRGV2	0	0	0	0	68	26.0	2282	65	106	196	1.631	0.541	0.332	18.9	20.00
28712	40.8491	117.9338	-212.6	357	TRGV2	0	0	0	0	60	25.8	2345	59	129	211	2.186	0.611	0.280	18.8	20.00
28713	40.8491	117.9333	-215.6	346	TRGV2	0	0	0	0	67	25.6	2298	61	136	194	2.230	0.701	0.314	18.8	20.00
28714	40.8490	117.9327	-218.0	338	TRGV2	0	0	0	0	66	25.5	2353	69	128	204	1.855	0.627	0.338	18.8	20.00
28715	40.8490	117.9321	-219.4	335	TRGV2	0	0	0	0	66	25.5	2376	65	184	171	2.831	1.076	0.380	18.9	20.00
28716	40.8490	117.9315	-221.3	333	TRGV2	0	0	0	0	67	25.4	2368	54	109	236	2.019	0.462	0.229	18.9	20.00
28717	40.8490	117.9310	-223.7	329	TRGV2	0	0	0	0	67	25.4	2366	70	154	189	2.200	0.815	0.370	19.0	20.00
28718	40.8490	117.9304	-228.9	320	TRGV2	0	0	0	0	64	25.2	2405	65	117	221	1.800	0.529	0.294	19.0	20.00
28719	40.8490	117.9299	-233.5	318	TRGV2	0	0	0	0	71	25.2	2389	87	78	196	0.897	0.398	0.444	19.0	20.00
28720	40.8489	117.9294	-237.4	319	TRRA	0	0	0	0	78	25.2	2338	98	94	168	0.959	0.560	0.583	19.0	20.00
28721	40.8489	117.9289	-243.4	320	TRRA	0	0	1	0	69	25.2	2415	76	25	290	0.329	0.086	0.262	19.1	20.00
28722	40.8489	117.9284	-253.8	322	TRRA	0	0	0	0	61	24.8	2339	57	162	158	2.842	1.025	0.361	19.2	20.00
28723	40.8489	117.9279	-263.8	330	TRRA	0	0	0	0	67	24.9	2220	47	127	203	2.702	0.626	0.232	19.3	20.00
28724	40.8488	117.9274	-271.0	345	TRRA	0	0	0	0	59	25.2	2286	48	184	194	3.833	0.948	0.247	19.4	20.00
28725	40.8488	117.9269	-275.8	353	TRRA	0	0	0	0	70	25.3	2281	48	147	185	3.063	0.795	0.259	19.4	20.00
28726	40.8488	117.9264	-279.1	358	TRRA	0	0	0	0	67	25.4	2265	46	143	208	3.109	0.688	0.221	19.6	20.00
28727	40.8488	117.9259	-282.9	365	TRRA	0	0	0	0	60	25.5	2232	51	106	229	2.078	0.463	0.223	19.6	20.00
28728	40.8487	117.9254	-284.4	374	TRRA	0	0	0	0	61	25.6	2294	56	125	212	2.232	0.590	0.264	19.7	20.00
28729	40.8487	117.9250	-286.5	376	TRRA	0	0	0	0	65	25.7	2193	65	91	206	1.400	0.442	0.316	19.7	20.00
28730	40.8487	117.9245	-288.1	379	TRRA	0	0	0	0	70	25.7	2277	40	115	199	2.875	0.578	0.201	19.8	20.00
28731	40.8487	117.9240	-290.7	372	TRRA	0	0	0	0	63	25.6	2223	64	103	193	1.609	0.534	0.332	19.9	20.00
28732	40.8486	117.9235	-294.6	366	TRRA	0	0	0	0	76	25.5	2189	55	66	210	1.200	0.314	0.262	20.0	20.00
28733	40.8486	117.9230	-299.5	364	TRRA	0	0	0	0	63	25.5	2331	67	103	238	1.537	0.433	0.282	20.1	20.00
28734	40.8486	117.9225	-302.9	361	TRRA	0	0	0	0	69	25.4	2227	53	114	203	2.151	0.562	0.261	20.0	20.00
28735	40.8486	117.9220	-308.0	355	TRRA	0	0	0	0	55	25.3	2266	72	96	207	1.333	0.464	0.348	20.0	20.00
28736	40.8486	117.9215	-312.1	357	TRRA	0	0	0	0	59	25.4	2319	66	81	216	1.227	0.375	0.306	20.2	20.00
28737	40.8485	117.9210	-315.0	352	TRRA	0	0	0	0	68	25.3	2257	86	50	232	0.581	0.216	0.371	20.2	20.00
28738	40.8485	117.9205	-317.1	343	TRRA	0	0	0	0	63	25.1	2227	57	105	198	1.842	0.530	0.288	20.3	20.00
28739	40.8485	117.9200	-319.3	338	TRRA	0	0	0	0	62	25.1	2199	54	35	272	0.648	0.129	0.199	20.4	20.00
28740	40.8485	117.9195	-322.7	333	TRRA	0	0	0	0	60	25.0	2325	75	87	183	1.160	0.475	0.410	20.5	20.00
28741	40.8484	117.9190	-326.3	332	TRRA	0	0	1	0	67	30.8	2268	78	18	232	0.231	0.078	0.336	20.5	20.00
28742	40.8484	117.9185	-328.4	326	TRRA	0	0	0	0	58	30.7	2296	65	104	217	1.600	0.479	0.300	20.7	20.00
28743	40.8484	117.9180	-332.0	331	TRRA	0	0	0	0	61	30.8	2273	63	91	211	1.444	0.431	0.299	20.7	20.00
28744	40.8484	117.9176	-336.7	341	TRRA	0	0	0	0	65	31.0	2294	57	96	231	1.684	0.416	0.247	20.8	20.00
28745	40.8483	117.9171	-341.3	348	TRRA	0	0	0	0	66	31.1	2333	82	67	188	0.817	0.356	0.436	20.9	20.00
28746	40.8483	117.9166	-344.1	355	TRRA	0	0	0	0	63	31.2	2242	61	76	220	1.246	0.345	0.277	20.9	20.00
28747	40.8483	117.9161	-346.8	364	TRRA	0	0	0	0	71	31.4	2187	60	105	172	1.750	0.610	0.349	20.8	20.00
28748	40.8483	117.9156	-347.9	366	TRRA	0	0	0	0	64	31.5	2292	53	165	155	3.113	1.065	0.342	20.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
28749	40.8482	117.9151	-349.5	365	TRRA	0	0	0	0	72	31.4	2296	54	100	207	1.852	0.483	0.261	20.9	20.00
28750	40.8482	117.9146	-351.9	365	TRRA	0	0	0	0	58	31.4	2240	56	120	169	2.143	0.710	0.331	21.1	20.00
28751	40.8482	117.9141	-353.2	363	TRRA	0	0	0	0	71	31.4	2200	61	106	180	1.738	0.589	0.339	21.2	20.00
28752	40.8482	117.9136	-354.2	356	TRRA	0	0	0	0	63	31.3	2205	65	79	185	1.215	0.427	0.351	21.2	20.00
28753	40.8481	117.9131	-353.0	354	TRRA	0	0	0	0	61	31.2	2317	65	174	158	2.677	1.101	0.411	21.3	20.00
28754	40.8481	117.9126	-350.8	363	TRRA	0	0	0	0	66	31.4	2223	39	110	211	2.821	0.521	0.185	21.5	20.00
28755	40.8481	117.9121	-349.1	361	TRRA	0	0	0	0	65	31.4	2214	84	30	199	0.357	0.151	0.422	21.5	20.00
28756	40.8481	117.9116	-348.2	364	TRRA	0	0	0	0	57	31.4	2155	66	84	195	1.273	0.431	0.338	21.6	20.00
28757	40.8481	117.9111	-347.5	367	TRRA	0	0	0	0	63	31.5	2119	57	40	227	0.702	0.176	0.251	21.6	20.00
28758	40.8480	117.9106	-347.0	382	TRRA	0	0	0	0	70	31.8	2065	66	62	178	0.939	0.348	0.371	21.7	20.00
28759	40.8480	117.9101	-346.6	408	TRRA	0	0	0	0	64	32.3	2057	54	110	159	2.037	0.692	0.340	21.7	20.00
28760	40.8480	117.9097	-347.1	396	TRRA	0	0	0	0	66	28.9	2077	43	137	180	3.186	0.761	0.239	21.9	20.00
28761	40.8480	117.9092	-346.4	396	TRRA	0	0	0	0	66	29.0	2020	65	105	141	1.615	0.745	0.461	21.9	20.00
28762	40.8479	117.9087	-345.3	395	TRRA	0	0	0	0	74	28.9	2154	60	111	192	1.850	0.578	0.313	22.0	20.00
28763	40.8479	117.9082	-345.6	397	TRRA	0	0	0	0	63	29.0	2027	50	140	167	2.800	0.838	0.299	22.0	20.00
28764	40.8479	117.9077	-343.9	404	TRRA	0	0	0	0	61	29.1	2124	63	73	177	1.159	0.412	0.356	22.1	20.00
28765	40.8479	117.9072	-342.7	413	TRRA	0	0	0	0	65	29.2	2059	59	70	182	1.186	0.385	0.324	22.2	20.00
28766	40.8478	117.9067	-342.2	421	TRRA	0	0	0	0	56	29.4	2301	55	108	216	1.964	0.500	0.255	22.3	20.00
28767	40.8478	117.9062	-339.4	435	TRRA	0	0	0	0	69	29.6	2121	47	106	165	2.255	0.642	0.285	22.4	20.00
28768	40.8478	117.9057	-338.8	435	TRRA	0	0	0	0	73	29.6	2168	60	83	171	1.383	0.485	0.351	22.4	20.00
28769	40.8478	117.9052	-338.1	434	TRRA	0	0	0	0	70	29.6	2119	57	104	202	1.825	0.515	0.282	22.4	20.00
28770	40.8477	117.9047	-336.4	439	TRRA	0	0	0	0	67	29.7	2170	45	114	174	2.533	0.655	0.259	22.4	20.00
28771	40.8477	117.9042	-334.8	443	TRRA	0	0	0	0	72	29.7	2243	57	118	159	2.070	0.742	0.358	22.5	20.00
28772	40.8477	117.9037	-335.6	439	TRRA	0	0	0	0	63	29.7	2334	52	129	197	2.481	0.655	0.264	22.6	20.00
28773	40.8477	117.9032	-334.7	438	TRRA	0	0	0	0	70	29.6	2259	63	114	164	1.810	0.695	0.384	22.6	20.00
28774	40.8476	117.9026	-333.7	430	TRRA	0	0	0	0	72	29.5	2342	66	95	216	1.439	0.440	0.306	22.7	20.00
28775	40.8476	117.9020	-330.8	423	TRRA	0	0	0	0	61	29.4	2217	65	72	217	1.108	0.332	0.300	22.7	20.00
28776	40.8476	117.9014	-327.4	424	TRRA	0	0	0	0	65	29.4	2289	49	97	209	1.980	0.464	0.234	22.7	20.00
28777	40.8475	117.9008	-322.8	423	TRRA	0	0	0	0	67	29.4	2106	50	108	198	2.160	0.545	0.253	22.7	20.00
28778	40.8475	117.9002	-318.2	421	TRRA	0	0	0	0	74	29.4	2181	67	46	199	0.687	0.231	0.337	22.8	20.00
28779	40.8474	117.8996	-314.3	425	TRRA	0	0	0	0	68	28.5	2253	66	71	198	1.076	0.359	0.333	22.9	20.00
28780	40.8474	117.8990	-311.1	429	TRRA	0	0	0	0	68	28.6	2189	53	86	208	1.623	0.413	0.255	23.0	20.00
28781	40.8474	117.8984	-309.2	433	TRRA	0	0	0	0	63	28.6	2214	52	126	184	2.423	0.685	0.283	23.1	20.00
28782	40.8473	117.8978	-307.5	434	TRRA	0	0	0	0	58	28.6	2284	77	49	206	0.636	0.238	0.374	23.1	20.00
28783	40.8473	117.8971	-306.2	433	TRRA	0	0	0	0	68	28.6	2203	66	92	181	1.394	0.508	0.365	23.1	20.00
28784	40.8472	117.8965	-303.3	432	TRRA	0	0	0	0	63	28.6	2218	50	89	205	1.780	0.434	0.244	23.1	20.00
28785	40.8472	117.8959	-300.4	436	TRRA	0	0	0	0	64	28.7	2373	84	89	184	1.060	0.484	0.457	23.2	20.00
28786	40.8472	117.8953	-299.0	433	TRRA	0	0	0	0	65	28.6	2287	63	115	171	1.825	0.673	0.368	23.2	20.00
28787	40.8471	117.8947	-296.2	425	TRRA	0	0	0	0	73	28.5	2233	62	109	166	1.758	0.657	0.373	23.3	20.00
28788	40.8471	117.8941	-294.3	425	TRRA	0	0	0	0	71	28.5	2366	66	38	239	0.576	0.159	0.276	23.3	20.00
28789	40.8470	117.8935	-295.6	428	TRRA	0	0	0	0	65	28.5	2248	66	61	239	0.924	0.255	0.276	23.3	20.00
28790	40.8470	117.8929	-298.2	428	TRDG2	0	0	0	0	63	28.5	2312	54	117	224	2.167	0.522	0.241	23.3	20.00
28791	40.8470	117.8923	-301.2	419	TRDG2	0	0	0	0	66	28.4	2341	48	128	228	2.667	0.561	0.211	23.3	20.00
28792	40.8469	117.8917	-304.1	410	TRDG2	0	0	0	0	63	28.3	2259	58	87	212	1.500	0.410	0.274	23.3	20.00
28793	40.8469	117.8910	-309.5	406	TRDG2	0	0	0	0	66	28.2	2342	60	113	219	1.883	0.516	0.274	23.4	20.00
28794	40.8468	117.8904	-313.4	397	TRDG2	0	0	0	0	65	28.0	2276	53	147	188	2.774	0.782	0.282	23.4	20.00
28795	40.8468	117.8898	-316.6	386	TRDG2	0	0	0	0	63	27.9	2232	39	141	201	3.615	0.701	0.194	23.4	20.00
28796	40.8468	117.8892	-322.1	380	TRDG2	0	0	0	0	63	27.8	2187	59	99	208	1.678	0.476	0.284	23.4	20.00
28797	40.8467	117.8886	-325.2	380	TRDG2	0	0	0	0	58	27.8	2263	56	118	221	2.107	0.534	0.253	23.4	20.00
28798	40.8467	117.8880	-326.6	378	TRDG2	0	0	0	0	66	24.0	2210	54	97	223	1.796	0.435	0.242	23.5	20.00
28799	40.8466	117.8874	-326.6	387	TRDG2	0	0	0	0	65	24.2	2341	50	82	261	1.640	0.314	0.192	23.6	20.00
28800	40.8466	117.8868	-327.2	388	TRDG2	0	0	0	0	65	24.2	2146	64	87	185	1.359	0.470	0.346	23.6	20.00
28801	40.8466	117.8862	-327.1	386	TRDG2	0	0	0	0	60	24.1	2128	68	76	176	1.118	0.432	0.386	23.5	20.00
28802	40.8465	117.8856	-327.5	380	TRDG2	0	0	0	0	67	24.1	2203	56	75	235	1.304	0.311	0.238	23.6	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
28803	40.8465	117.8850	-328.3	384	TRDG2	0	0	0	0	66	24.1	2280	72	182	123	2.528	1.480	0.585	23.6	20.00
28804	40.8464	117.8843	-330.1	389	TRDG2	0	0	0	0	68	24.2	2308	63	98	189	1.556	0.519	0.333	23.6	20.00
28805	40.8464	117.8837	-331.0	387	TRDG2	0	0	0	0	66	24.2	2236	45	192	161	4.267	1.193	0.280	23.6	20.00
28806	40.8464	117.8831	-332.2	379	TRDG2	0	0	0	0	73	24.1	2288	85	83	193	0.976	0.430	0.440	23.5	20.00
28807	40.8463	117.8825	-333.1	375	TRDG2	0	0	0	0	63	24.0	2222	51	91	196	1.784	0.464	0.260	23.5	20.00
28808	40.8463	117.8819	-335.5	375	TRDG2	0	0	0	0	73	24.0	2266	56	132	180	2.357	0.733	0.311	23.6	20.00
28809	40.8463	117.8813	-338.0	382	TRDG2	0	0	0	0	63	24.1	2161	55	125	200	2.273	0.625	0.275	23.6	20.00
28810	40.8462	117.8807	-340.1	389	TRWI2	0	0	0	0	58	24.2	2146	62	45	234	0.726	0.192	0.265	23.6	20.00
28811	40.8462	117.8801	-344.2	390	TRWI2	0	0	0	0	61	24.2	2114	49	104	183	2.122	0.568	0.268	23.6	20.00
28812	40.8461	117.8795	-348.1	385	TRWI2	0	0	0	0	73	24.1	2236	44	169	184	3.841	0.918	0.239	23.6	20.00
28813	40.8461	117.8789	-352.9	387	TRWI2	0	0	0	0	56	24.2	2265	75	89	206	1.187	0.432	0.364	23.7	20.00
28814	40.8461	117.8782	-356.7	395	TRWI2	0	0	0	0	57	24.3	2251	56	149	158	2.643	0.937	0.354	23.8	20.00
28815	40.8460	117.8776	-363.0	403	TRWI2	0	0	0	0	69	24.4	2170	64	47	224	0.734	0.210	0.286	23.8	20.00
28816	40.8460	117.8770	-367.0	417	TRWI2	0	0	0	0	66	24.6	2260	50	133	192	2.660	0.693	0.260	23.8	20.00
28817	40.8459	117.8764	-371.6	422	TRWI2	0	0	0	0	59	24.5	2359	66	163	176	2.470	0.926	0.375	23.8	20.00
28818	40.8459	117.8758	-377.5	414	TRWI2	0	0	0	0	63	24.4	2302	62	120	207	1.935	0.580	0.300	23.7	20.00
28819	40.8459	117.8752	-381.4	413	TRWI2	0	0	0	0	63	24.4	2213	60	87	212	1.450	0.410	0.283	23.7	20.00
28820	40.8458	117.8746	-385.7	420	TRWI2	0	0	0	0	58	24.5	2241	45	98	232	2.178	0.422	0.194	23.7	20.00
28821	40.8458	117.8740	-388.2	433	TRWI2	0	0	0	0	62	24.7	2394	81	101	199	1.247	0.508	0.407	23.8	20.00
28822	40.8457	117.8734	-391.0	443	TRWI2	0	0	0	0	67	24.8	2393	76	112	165	1.474	0.679	0.461	23.8	20.00
28823	40.8457	117.8728	-393.1	449	TRWI2	0	0	0	0	60	24.9	2355	65	89	213	1.369	0.418	0.305	23.8	20.00
28824	40.8457	117.8721	-394.6	457	TRWI2	0	0	0	0	69	25.0	2287	56	139	184	2.482	0.755	0.304	23.8	20.00
28825	40.8456	117.8715	-397.0	459	TRWI2	0	0	0	0	66	25.0	2331	51	98	255	1.922	0.384	0.200	23.8	20.00
28826	40.8456	117.8709	-397.5	466	TRWI2	0	0	0	0	68	25.1	2291	68	127	172	1.868	0.738	0.395	23.8	20.00
28827	40.8455	117.8703	-397.9	466	TRWI2	0	0	0	0	69	25.1	2140	43	88	230	2.047	0.383	0.187	23.9	20.00
28828	40.8455	117.8697	-398.4	475	TRWI2	0	0	0	0	58	25.3	2265	74	54	217	0.730	0.249	0.341	24.0	20.00
28829	40.8455	117.8691	-398.7	483	TRWI2	0	0	0	0	62	25.4	2178	49	110	142	2.245	0.775	0.345	23.9	20.00
28830	40.8454	117.8685	-398.6	484	TRWI2	0	0	0	0	61	25.4	2223	67	104	158	1.552	0.658	0.424	23.9	20.00
28831	40.8454	117.8679	-396.7	480	TRWI2	0	0	1	0	69	25.3	2205	84	6	203	0.071	0.030	0.414	23.8	20.00
28832	40.8453	117.8673	-395.1	480	TRWI2	0	0	0	0	75	25.3	2225	64	110	155	1.719	0.710	0.413	23.8	20.00
28833	40.8453	117.8667	-393.5	477	TRWI2	0	0	0	0	62	25.3	2247	69	72	180	1.043	0.400	0.383	23.7	20.00
28834	40.8453	117.8661	-392.0	482	TRWI2	0	0	0	0	61	25.3	2185	73	99	158	1.356	0.627	0.462	23.8	20.00
28835	40.8452	117.8654	-391.1	482	TRWI2	0	0	0	0	71	25.4	2190	32	110	234	3.438	0.470	0.137	23.8	20.00
28836	40.8452	117.8648	-389.2	491	TRWI2	0	0	0	0	67	25.8	2277	57	109	216	1.912	0.505	0.264	23.7	20.00
28837	40.8451	117.8642	-388.8	496	TRWI2	0	0	0	0	64	25.9	2195	69	93	159	1.348	0.585	0.434	23.7	20.00
28838	40.8451	117.8636	-388.1	497	TRWI2	0	0	0	0	58	25.9	2149	62	109	179	1.758	0.609	0.346	23.6	20.00
28839	40.8451	117.8630	-388.7	494	TRWI2	0	0	0	0	57	25.9	2086	56	62	188	1.107	0.330	0.298	23.6	20.00
28840	40.8450	117.8624	-387.3	497	TRM	0	0	1	0	74	25.9	2076	61	27	205	0.443	0.132	0.298	23.7	20.00
28841	40.8450	117.8618	-388.8	510	TRM	0	0	0	0	71	26.1	2060	48	59	197	1.229	0.299	0.244	23.8	20.00
28842	40.8450	117.8612	-388.8	531	TRM	0	0	0	0	72	26.3	2033	53	88	169	1.660	0.521	0.314	23.7	20.00
28843	40.8449	117.8606	-388.9	525	TRM	0	0	0	0	62	26.3	2110	69	78	144	1.130	0.542	0.479	23.6	20.00
28844	40.8449	117.8600	-389.1	496	TRM	0	0	0	0	63	25.9	2104	43	101	175	2.349	0.577	0.246	23.6	20.00
28845	40.8448	117.8593	-388.7	492	TRM	0	0	0	0	54	25.8	2165	61	121	146	1.984	0.829	0.418	23.7	20.00
28846	40.8448	117.8587	-389.8	492	TRM	0	0	0	0	60	25.9	2217	56	126	169	2.250	0.746	0.331	23.7	20.00
28847	40.8448	117.8581	-389.1	495	TRM	0	0	0	0	72	25.9	2178	55	129	120	2.345	1.075	0.458	23.7	20.00
28848	40.8447	117.8575	-388.5	494	TRM	0	0	0	0	58	25.9	2223	61	86	214	1.410	0.402	0.285	23.7	20.00
28849	40.8447	117.8569	-386.6	499	TRM	0	0	0	0	65	25.9	2237	43	105	208	2.442	0.505	0.207	23.6	20.00
28850	40.8446	117.8563	-385.2	504	TRM	0	0	0	0	58	26.0	2283	46	77	239	1.674	0.322	0.192	23.6	20.00
28851	40.8446	117.8557	-383.2	509	TRM	0	0	0	0	60	26.1	2278	49	134	174	2.735	0.770	0.282	23.5	20.00
28852	40.8446	117.8551	-381.0	524	TRM	0	0	0	0	63	26.3	2393	46	150	210	3.261	0.714	0.219	23.5	20.00
28853	40.8445	117.8545	-379.0	497	TRM	0	0	0	0	65	25.9	2250	56	79	200	1.411	0.395	0.280	23.4	20.00
28854	40.8445	117.8539	-377.4	497	TRM	0	0	0	0	67	25.9	2299	65	118	201	1.815	0.587	0.323	23.5	20.00
28855	40.8444	117.8532	-375.6	491	TRM	0	0	0	0	56	36.4	2244	64	47	208	0.734	0.226	0.308	23.5	20.00
28856	40.8444	117.8526	-374.0	485	TRM	0	0	0	0	66	36.3	2330	50	88	220	1.760	0.400	0.227	23.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
28857	40.8444	117.8520	-371.9	477	TRM	0	0	0	0	65	36.2	2177	62	91	183	1.468	0.497	0.339	23.3	20.00
28858	40.8443	117.8514	-371.6	474	TRM	0	0	0	0	64	36.1	2197	70	57	176	0.814	0.324	0.398	23.3	20.00
28859	40.8443	117.8508	-371.2	468	TRM	0	0	0	0	61	36.0	2247	55	35	251	0.636	0.139	0.219	23.2	20.00
28860	40.8442	117.8502	-369.9	461	TRM	0	0	1	0	61	35.9	2199	61	28	213	0.459	0.131	0.286	23.1	20.00
28861	40.8442	117.8496	-370.3	458	TRM	0	0	0	0	60	35.8	2258	65	103	188	1.585	0.548	0.346	23.2	20.00
28862	40.8442	117.8490	-369.5	451	TRWI2	0	0	0	0	56	35.7	2280	68	84	195	1.235	0.431	0.349	23.1	20.00
28863	40.8441	117.8484	-368.9	440	TRWI2	0	0	0	0	63	35.5	2207	37	131	183	3.541	0.716	0.202	23.0	20.00
28864	40.8441	117.8478	-368.1	427	TRWI2	0	0	0	0	55	35.2	2281	59	80	238	1.356	0.336	0.248	22.8	20.00
28865	40.8440	117.8472	-369.0	424	TRWI2	0	0	0	0	60	35.1	2322	57	34	301	0.596	0.113	0.189	22.7	20.00
28866	40.8440	117.8465	-368.7	415	TRWI2	0	0	0	0	64	35.0	2264	58	72	212	1.241	0.340	0.274	22.6	20.00
28867	40.8440	117.8459	-369.7	402	TRWI2	0	0	0	0	64	34.7	2298	72	71	197	0.986	0.360	0.365	22.4	20.00
28868	40.8439	117.8453	-370.1	396	TRWI2	0	0	0	0	58	34.6	2264	57	105	189	1.842	0.556	0.302	22.3	20.00
28869	40.8439	117.8447	-370.2	396	TRWI2	0	0	0	0	60	34.6	2194	64	63	223	0.984	0.283	0.287	22.3	20.00
28870	40.8438	117.8441	-369.8	394	TRWI2	0	0	0	0	70	34.5	2154	53	79	212	1.491	0.373	0.250	22.2	20.00
28871	40.8438	117.8435	-370.2	397	TRWI2	0	0	0	0	67	34.6	2079	44	70	201	1.591	0.348	0.219	22.2	20.00
28872	40.8438	117.8429	-370.0	396	TRWI2	0	0	0	0	67	34.6	2138	85	31	205	0.365	0.151	0.415	22.0	20.00
28873	40.8437	117.8423	-369.4	390	TRWI2	0	0	0	0	61	34.5	2254	68	65	233	0.956	0.279	0.292	21.8	20.00
28874	40.8437	117.8417	-370.6	386	TRWI2	0	0	0	0	60	33.3	2167	49	132	186	2.694	0.710	0.263	21.7	20.00
28875	40.8436	117.8411	-370.5	377	TRWI2	0	0	0	0	63	33.1	2211	64	69	233	1.078	0.296	0.275	21.6	20.00
28876	40.8436	117.8404	-370.7	374	TRWI2	0	0	0	0	60	33.0	2105	58	66	206	1.138	0.320	0.282	21.4	20.00
28877	40.8436	117.8398	-370.6	366	TRWI2	0	0	0	0	61	32.9	2165	37	142	216	3.838	0.657	0.171	21.4	20.00
28878	40.8435	117.8392	-371.3	357	TRWI2	0	0	0	0	63	32.7	2227	53	71	240	1.340	0.296	0.221	21.2	20.00
28879	40.8435	117.8386	-372.5	348	TRWI2	0	0	0	0	57	32.5	2265	60	105	211	1.750	0.498	0.284	21.1	20.00
28880	40.8435	117.8380	-372.0	335	TRWI2	0	0	0	0	57	32.2	2224	57	115	208	2.018	0.553	0.274	20.9	20.00
28881	40.8434	117.8374	-371.6	333	TRWI2	0	0	0	0	55	32.2	2264	73	40	236	0.548	0.169	0.309	20.9	20.00
28882	40.8434	117.8368	-371.9	335	TRWI2	0	0	0	0	54	32.2	2244	56	158	200	2.821	0.790	0.280	20.9	20.00
28883	40.8433	117.8362	-371.3	337	TRWI2	0	0	0	0	65	32.3	2324	68	99	218	1.456	0.454	0.312	20.8	20.00
28884	40.8433	117.8356	-369.9	339	TRWI2	0	0	0	0	61	32.3	2242	66	80	216	1.212	0.370	0.306	20.7	20.00
28885	40.8433	117.8350	-369.5	341	TRWI2	0	0	0	0	68	32.3	2325	54	110	223	2.037	0.493	0.242	20.5	20.00
28886	40.8432	117.8343	-368.6	340	TRWI2	0	0	0	0	64	32.3	2259	47	108	247	2.298	0.437	0.190	20.4	20.00
28887	40.8432	117.8337	-368.4	350	TRWI2	0	0	0	0	58	32.5	2194	56	145	194	2.589	0.747	0.289	20.3	20.00
28888	40.8431	117.8331	-368.2	359	TRWI2	0	0	0	0	60	32.7	2257	39	146	220	3.744	0.664	0.177	20.3	20.00
28889	40.8431	117.8325	-366.5	368	TRWI2	0	0	1	0	67	32.9	2295	78	12	278	0.154	0.043	0.281	20.2	20.00
28890	40.8431	117.8319	-365.1	366	QAL	0	0	0	0	61	32.9	2177	46	114	193	2.478	0.591	0.238	20.1	20.00
28891	40.8430	117.8313	-364.7	363	QAL	0	0	0	0	63	32.8	2101	58	130	157	2.241	0.828	0.369	20.0	20.00
28892	40.8430	117.8307	-363.4	353	QAL	0	0	0	0	61	32.6	2190	49	100	219	2.041	0.457	0.224	19.8	20.00
28893	40.8429	117.8301	-362.1	344	QAL	0	0	0	0	64	32.6	2163	58	41	230	0.707	0.178	0.252	19.7	20.00
28894	40.8429	117.8295	-360.2	349	QAL	0	0	1	0	54	32.7	2217	65	17	253	0.262	0.067	0.257	19.6	20.00
28895	40.8429	117.8289	-358.3	344	QAL	0	0	0	0	66	32.6	2254	72	43	244	0.597	0.176	0.295	19.4	20.00
28896	40.8428	117.8283	-357.5	338	QAL	0	0	0	0	62	32.4	2280	63	112	198	1.778	0.566	0.318	19.2	20.00
28897	40.8428	117.8276	-356.4	335	QAL	0	0	0	0	65	32.4	2353	63	70	270	1.111	0.259	0.233	19.1	20.00
28898	40.8427	117.8270	-354.5	332	QAL	0	0	0	0	68	32.3	2168	58	59	221	1.017	0.267	0.262	19.1	20.00
28899	40.8427	117.8264	-353.6	331	QAL	0	0	0	0	57	32.3	2273	44	177	203	4.023	0.872	0.217	19.0	20.00
28900	40.8427	117.8258	-352.7	333	QAL	0	0	0	0	63	32.3	2254	53	83	225	1.566	0.369	0.236	19.0	20.00
28901	40.8426	117.8252	-350.8	334	QAL	0	0	0	0	67	32.3	2254	56	92	266	1.643	0.346	0.211	18.9	20.00
28902	40.8426	117.8246	-348.7	335	QAL	0	0	0	0	50	32.4	2159	45	126	193	2.800	0.653	0.233	18.8	20.00
28903	40.8425	117.8240	-347.3	334	QAL	0	0	0	0	61	32.3	2198	63	120	196	1.905	0.612	0.321	18.7	20.00
28904	40.8425	117.8234	-346.7	332	QAL	0	0	0	0	66	32.3	2268	62	38	260	0.613	0.146	0.238	18.6	20.00
28905	40.8425	117.8228	-344.8	326	QAL	0	0	0	0	58	32.2	2217	43	108	225	2.512	0.480	0.191	18.5	20.00
28906	40.8424	117.8222	-344.0	319	QAL	0	0	0	0	56	32.0	2190	61	49	242	0.803	0.202	0.252	18.4	20.00
28907	40.8424	117.8215	-342.2	316	QAL	0	0	0	0	63	32.0	2206	52	88	252	1.692	0.349	0.206	18.3	20.00
28908	40.8423	117.8209	-341.0	315	QAL	0	0	0	0	68	31.9	2226	57	90	203	1.579	0.443	0.281	18.3	20.00
28909	40.8423	117.8203	-339.1	316	QAL	0	0	0	0	60	32.0	2166	51	136	231	2.667	0.589	0.221	18.3	20.00
28910	40.8423	117.8197	-337.5	317	QAL	0	0	0	0	53	32.0	2226	68	87	223	1.279	0.390	0.305	18.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
28911	40.8422	117.8191	-335.8	324	QAL	0	0	0	0	60	32.1	2293	51	173	188	3.392	0.920	0.271	18.1	20.00
28912	40.8422	117.8185	-334.6	326	QAL	0	0	0	0	62	25.9	2293	53	65	260	1.226	0.250	0.204	18.1	20.00
28913	40.8421	117.8179	-333.3	324	QAL	0	0	0	0	60	25.8	2277	56	121	230	2.161	0.526	0.243	18.0	20.00
28914	40.8421	117.8173	-331.6	326	QAL	0	0	0	0	59	25.9	2194	68	82	208	1.206	0.394	0.327	17.9	20.00
28915	40.8421	117.8167	-330.7	329	QAL	0	0	0	0	57	25.9	2342	42	143	254	3.405	0.563	0.165	17.9	20.00
28916	40.8420	117.8161	-329.8	332	QAL	0	0	0	0	61	26.0	2197	53	124	201	2.340	0.617	0.264	17.9	20.00
28917	40.8420	117.8155	-329.2	333	QAL	0	0	0	0	60	26.0	2148	77	76	202	0.987	0.376	0.381	17.9	20.00
28918	40.8420	117.8148	-327.0	338	QAL	0	0	0	0	62	26.1	2167	58	143	171	2.466	0.836	0.339	17.9	20.00
28919	40.8419	117.8142	-325.6	337	QAL	0	0	0	0	62	26.0	2273	61	103	224	1.689	0.460	0.272	18.0	20.00
28920	40.8419	117.8136	-325.5	336	QAL	0	0	0	0	62	26.0	2222	55	163	159	2.964	1.025	0.346	18.0	20.00
28921	40.8418	117.8130	-324.3	336	QAL	0	0	0	0	55	26.0	2232	55	131	170	2.382	0.771	0.324	18.0	20.00
28922	40.8418	117.8124	-323.2	332	QAL	0	0	0	0	59	26.0	2354	73	95	233	1.301	0.408	0.313	18.0	20.00
28923	40.8418	117.8118	-321.9	330	QAL	0	0	0	0	64	25.9	2254	54	152	216	2.815	0.704	0.250	18.1	20.00
28924	40.8417	117.8112	-321.0	328	QAL	0	0	0	0	59	25.9	2275	60	88	249	1.467	0.353	0.241	18.1	20.00
28925	40.8417	117.8106	-320.3	330	QAL	0	0	0	0	60	25.9	2195	55	78	249	1.418	0.313	0.221	18.1	20.00
28926	40.8416	117.8100	-320.2	333	QAL	0	0	0	0	65	26.0	2263	55	118	250	2.145	0.472	0.220	18.2	20.00
28927	40.8416	117.8094	-319.2	342	QAL	0	0	0	0	61	26.1	2314	72	93	216	1.292	0.431	0.333	18.3	20.00
28928	40.8416	117.8087	-317.8	345	QAL	0	0	0	0	57	26.2	2336	64	67	245	1.047	0.273	0.261	18.3	20.00
28929	40.8415	117.8081	-317.9	351	QAL	0	0	0	0	56	26.3	2248	59	99	194	1.678	0.510	0.304	18.3	20.00
28930	40.8415	117.8075	-317.2	353	QAL	0	0	0	0	61	26.3	2239	45	66	270	1.467	0.244	0.167	18.3	20.00
28931	40.8414	117.8069	-316.3	359	QAL	0	0	0	0	69	27.1	2283	67	61	224	0.910	0.272	0.299	18.4	20.00
28932	40.8414	117.8063	-316.1	358	QAL	0	0	0	0	61	27.0	2277	55	92	230	1.673	0.400	0.239	18.4	20.00
28933	40.8414	117.8057	-315.0	355	QAL	0	0	0	0	55	27.0	2297	52	132	230	2.538	0.574	0.226	18.5	20.00
28934	40.8413	117.8051	-314.2	350	QAL	0	0	0	0	62	26.9	2225	84	43	194	0.512	0.222	0.433	18.4	20.00
28935	40.8413	117.8045	-314.6	349	QAL	0	0	1	0	59	26.9	2290	62	9	276	0.145	0.033	0.225	18.4	20.00
28936	40.8412	117.8039	-312.9	351	QAL	0	0	0	0	59	26.9	2302	64	40	255	0.625	0.157	0.251	18.5	20.00
28937	40.8412	117.8033	-311.8	351	QAL	0	0	0	0	68	26.9	2242	70	97	210	1.386	0.462	0.333	18.6	20.00
28938	40.8412	117.8026	-310.3	355	QAL	0	0	0	0	57	27.0	2253	45	148	219	3.289	0.676	0.205	18.7	20.00
28939	40.8411	117.8020	-309.2	355	QAL	0	0	0	0	64	27.0	2233	57	78	250	1.368	0.312	0.228	18.6	20.00
28940	40.8411	117.8014	-309.8	359	QAL	0	0	0	0	57	27.0	2197	43	132	242	3.070	0.545	0.178	18.7	20.00
28941	40.8410	117.8008	-308.2	357	QAL	0	0	0	0	56	27.0	2215	59	129	191	2.186	0.675	0.309	18.8	20.00
28942	40.8410	117.8002	-308.3	360	QAL	0	0	0	0	61	27.1	2241	45	80	269	1.778	0.297	0.167	18.8	20.00
28943	40.8410	117.7996	-307.4	358	QAL	0	0	0	0	60	27.0	2073	63	88	178	1.397	0.494	0.354	18.8	20.00
28944	40.8409	117.7990	-306.5	358	QAL	0	0	0	0	69	27.0	2184	50	97	226	1.940	0.429	0.221	18.9	20.00
28945	40.8409	117.7984	-305.3	363	QAL	0	0	0	0	57	27.1	2178	52	64	239	1.231	0.268	0.218	19.0	20.00
28946	40.8408	117.7978	-304.9	364	QAL	0	0	1	0	69	27.1	2245	64	0	293	0.016	0.003	0.218	19.0	20.00
28947	40.8408	117.7972	-304.5	366	QAL	0	0	0	0	64	27.2	2141	44	78	214	1.773	0.364	0.206	19.0	20.00
28948	40.8408	117.7966	-304.1	370	QAL	0	0	0	0	60	27.2	2195	52	122	206	2.346	0.592	0.252	19.1	20.00
28949	40.8407	117.7959	-303.0	370	QAL	0	0	0	0	64	27.2	2191	58	96	207	1.655	0.464	0.280	19.1	20.00
28950	40.8407	117.7953	-302.3	370	QAL	0	0	0	0	61	24.4	2219	59	78	245	1.345	0.318	0.237	19.1	20.00
28951	40.8407	117.7947	-301.2	371	QAL	0	0	1	0	69	24.4	2230	67	7	253	0.104	0.028	0.265	19.2	20.00
28952	40.8406	117.7941	-300.8	366	QAL	0	0	0	0	66	24.3	2089	62	51	227	0.823	0.225	0.273	19.1	20.00
28953	40.8406	117.7935	-300.2	365	QAL	0	0	0	0	64	24.3	2184	64	77	209	1.203	0.368	0.306	19.1	20.00
28954	40.8405	117.7929	-299.1	361	QAL	0	0	0	0	58	24.3	2169	58	83	220	1.431	0.377	0.264	19.1	20.00
28955	40.8405	117.7923	-298.5	359	QAL	0	0	0	0	55	24.2	2139	61	76	214	1.246	0.355	0.285	19.1	20.00
28956	40.8405	117.7917	-297.6	359	QAL	0	0	0	0	61	24.2	2152	55	69	220	1.255	0.314	0.250	19.2	20.00
28957	40.8404	117.7911	-297.0	359	QAL	0	0	0	0	58	24.2	2090	52	80	225	1.538	0.356	0.231	19.2	20.00
28958	40.8404	117.7905	-295.8	364	QAL	0	0	0	0	54	24.3	2167	53	122	197	2.302	0.619	0.269	19.2	20.00
28959	40.8403	117.7898	-294.9	368	QAL	0	0	0	0	58	24.4	2187	54	75	245	1.389	0.306	0.220	19.3	20.00
28960	40.8403	117.7892	-294.7	366	QAL	0	0	0	0	53	24.3	2170	47	118	199	2.511	0.593	0.236	19.3	20.00
28961	40.8403	117.7886	-294.1	367	QAL	0	0	0	0	66	24.4	2224	47	67	265	1.426	0.253	0.177	19.3	20.00
28962	40.8402	117.7880	-292.9	371	QAL	0	0	0	0	60	24.4	2228	44	150	203	3.409	0.739	0.217	19.4	20.00
28963	40.8402	117.7874	-292.3	372	QAL	0	0	0	0	64	24.4	2179	54	100	202	1.852	0.495	0.267	19.4	20.00
28964	40.8401	117.7868	-291.8	379	QAL	0	0	0	0	61	24.5	2296	61	69	247	1.131	0.279	0.247	19.5	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
28965	40.8401	117.7862	-290.9	384	QAL	0	0	0	0	63	24.6	2266	61	47	274	0.770	0.172	0.223	19.6	20.00
28966	40.8401	117.7856	-290.2	389	QAL	0	0	0	0	65	24.7	2160	51	116	193	2.275	0.601	0.264	19.6	20.00
28967	40.8400	117.7850	-290.2	400	QAL	0	0	0	0	62	24.8	2208	60	55	238	0.917	0.231	0.252	19.6	20.00
28968	40.8400	117.7844	-289.8	409	QAL	0	0	0	0	60	25.0	2234	65	50	251	0.769	0.199	0.259	19.7	20.00
28969	40.8399	117.7837	-289.4	411	QAL	0	0	0	0	71	19.6	2185	44	152	187	3.455	0.813	0.235	19.7	20.00
28970	40.8399	117.7831	-288.5	414	QAL	0	0	0	0	58	19.7	2274	53	154	201	2.906	0.766	0.264	19.7	20.00
28971	40.8399	117.7825	-287.6	415	QAL	0	0	0	0	63	19.7	2177	55	31	265	0.564	0.117	0.208	19.7	20.00
28972	40.8398	117.7819	-286.9	417	QAL	0	0	0	0	50	19.7	2239	63	71	257	1.127	0.276	0.245	19.7	20.00
28973	40.8398	117.7813	-286.8	421	QAL	0	0	0	0	56	19.7	2183	44	191	176	4.341	1.085	0.250	19.7	20.00
28974	40.8397	117.7807	-285.8	425	QAL	0	0	1	0	70	19.8	2116	87	18	173	0.207	0.104	0.603	19.7	20.00
28975	40.8397	117.7801	-286.1	434	QAL	0	0	0	0	54	19.9	2127	58	82	185	1.414	0.443	0.314	19.8	20.00
28976	40.8397	117.7795	-285.9	445	QAL	0	0	0	0	58	20.0	2151	60	40	220	0.667	0.182	0.273	19.8	20.00
28977	40.8396	117.7789	-285.8	447	QAL	0	0	0	0	60	20.0	2160	58	96	213	1.655	0.451	0.272	19.7	20.00
28978	40.8396	117.7783	-284.8	457	QAL	0	0	0	0	63	20.1	2176	53	97	195	1.830	0.497	0.272	19.7	20.00
28979	40.8395	117.7777	-284.6	460	QAL	0	0	0	0	57	20.2	2149	51	99	211	1.941	0.469	0.242	19.7	20.00
28980	40.8395	117.7770	-284.4	465	QAL	0	0	0	0	52	20.2	2266	64	163	167	2.547	0.976	0.383	19.7	20.00
28981	40.8395	117.7764	-284.3	470	QAL	0	0	0	0	61	20.3	2150	50	50	238	1.000	0.210	0.210	19.6	20.00
28982	40.8394	117.7758	-284.3	477	QAL	0	0	0	0	55	20.4	2330	66	80	216	1.212	0.370	0.306	19.6	20.00
28983	40.8394	117.7752	-282.9	480	QAL	0	0	0	0	67	20.4	2340	64	78	254	1.219	0.307	0.252	19.5	20.00
28984	40.8393	117.7746	-283.3	474	QAL	0	0	0	0	66	20.3	2223	40	131	200	3.275	0.655	0.200	19.5	20.00
28985	40.8393	117.7740	-282.4	477	QAL	0	0	0	0	63	20.3	2311	57	213	162	3.737	1.315	0.352	19.6	20.00
28986	40.8393	117.7734	-282.0	484	QAL	0	0	0	0	66	20.4	2326	60	104	227	1.733	0.458	0.264	19.5	20.00
28987	40.8392	117.7728	-280.3	487	QAL	0	0	0	0	62	20.5	2294	70	86	235	1.229	0.366	0.298	19.4	20.00
28988	40.8392	117.7722	-279.9	482	QAL	0	0	0	0	62	17.8	2207	61	42	263	0.689	0.160	0.232	19.3	20.00
28989	40.8392	117.7716	-279.9	478	QAL	0	0	0	0	65	17.7	2209	39	125	213	3.205	0.587	0.183	19.3	20.00
28990	40.8391	117.7709	-280.4	482	QAL	0	0	0	0	64	17.8	2221	54	79	220	1.463	0.359	0.245	19.2	20.00
28991	40.8391	117.7703	-280.3	482	QAL	0	0	0	0	65	17.8	2152	34	142	174	4.176	0.816	0.195	19.1	20.00
28992	40.8390	117.7697	-280.2	481	QAL	0	0	0	0	60	17.8	2131	53	111	197	2.094	0.563	0.269	19.0	20.00
28993	40.8390	117.7691	-280.5	485	QAL	0	0	0	0	65	17.8	2138	47	87	211	1.851	0.412	0.223	19.0	20.00
28994	40.8390	117.7685	-279.9	476	QAL	0	0	0	0	57	17.7	2075	54	77	191	1.426	0.403	0.283	18.9	20.00
28995	40.8389	117.7679	-279.6	472	QAL	0	0	0	0	68	17.7	2063	56	85	165	1.518	0.515	0.339	18.9	20.00
28996	40.8389	117.7673	-278.5	470	QAL	0	0	0	0	69	17.7	1998	46	58	186	1.261	0.312	0.247	18.9	20.00
28997	40.8388	117.7667	-279.5	473	QAL	0	0	0	0	62	17.7	2161	57	106	198	1.860	0.535	0.288	18.9	20.00
28998	40.8388	117.7661	-278.7	472	QAL	0	0	0	0	62	17.7	2181	49	151	152	3.082	0.993	0.322	18.9	20.00
28999	40.8388	117.7655	-279.3	470	QAL	0	0	0	0	64	17.7	2043	45	78	175	1.733	0.446	0.257	18.8	20.00
29000	40.8387	117.7648	-279.0	464	QAL	0	0	0	0	62	17.6	2084	40	152	169	3.800	0.899	0.237	18.6	20.00
29001	40.8387	117.7642	-279.4	456	QAL	0	0	0	0	57	17.5	2016	62	86	160	1.387	0.538	0.387	18.6	20.00
29002	40.8386	117.7636	-279.5	461	QAL	0	0	0	0	58	17.6	2101	68	85	190	1.250	0.447	0.358	18.5	20.00
29003	40.8386	117.7630	-280.3	466	QAL	0	0	0	0	66	17.6	2062	43	118	191	2.744	0.618	0.225	18.5	20.00
29004	40.8386	117.7625	-280.4	459	QAL	0	0	0	0	63	17.6	2154	39	91	217	2.333	0.419	0.180	18.5	20.00
29005	40.8386	117.7621	-280.8	457	QAL	0	0	0	0	67	17.5	2156	44	100	229	2.273	0.437	0.192	18.4	20.00
29006	40.8385	117.7616	-280.6	460	QAL	0	0	0	0	55	17.6	2095	43	74	231	1.721	0.320	0.186	18.4	20.00
29007	40.8385	117.7611	-280.9	462	QAL	0	0	0	0	65	20.0	1985	52	95	157	1.827	0.605	0.331	18.4	20.00
29008	40.8385	117.7606	-280.5	465	QAL	0	0	0	0	62	20.0	2181	50	147	182	2.940	0.808	0.275	18.3	20.00
29009	40.8385	117.7601	-280.8	465	QAL	0	0	0	0	67	20.0	2076	48	52	238	1.083	0.218	0.202	18.2	20.00
29010	40.8384	117.7596	-279.6	474	QAL	0	0	0	0	63	20.1	2187	37	106	229	2.865	0.463	0.162	18.1	20.00
29011	40.8384	117.7591	-279.5	471	QAL	0	0	0	0	61	20.1	2219	46	128	185	2.783	0.692	0.249	18.0	20.00
29012	40.8384	117.7587	-279.1	466	QAL	0	0	0	0	63	20.0	2191	52	108	194	2.077	0.557	0.268	18.0	20.00
29013	40.8384	117.7582	-279.0	461	QAL	0	0	0	0	65	20.0	2249	56	115	199	2.054	0.578	0.281	17.9	20.00
29014	40.8383	117.7577	-279.4	459	QAL	0	0	0	0	64	20.0	2233	43	131	190	3.047	0.689	0.226	17.8	20.00
29015	40.8383	117.7572	-278.2	456	QAL	0	0	1	0	61	19.9	2240	68	16	283	0.235	0.057	0.240	17.7	20.00
29016	40.8383	117.7567	-277.6	454	QAL	0	0	0	0	63	19.9	2255	41	116	232	2.829	0.500	0.177	17.7	20.00
29017	40.8383	117.7562	-277.7	453	QAL	0	0	0	0	62	19.9	2144	46	105	200	2.283	0.525	0.230	17.6	20.00
29018	40.8382	117.7558	-276.3	455	QAL	0	0	0	0	65	19.9	2079	51	68	177	1.333	0.384	0.288	17.6	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
29019	40.8382	117.7553	-276.1	456	QAL	0	0	0	0	72	19.9	2165	30	130	213	4.333	0.610	0.141	17.5	20.00
29020	40.8382	117.7548	-275.7	455	QAL	0	0	1	0	69	19.9	2048	68	8	225	0.118	0.036	0.302	17.4	20.00
29021	40.8382	117.7543	-275.6	454	QAL	0	0	0	0	66	19.9	2065	51	121	166	2.373	0.729	0.307	17.3	20.00
29022	40.8381	117.7538	-275.7	452	QAL	0	0	0	0	65	19.9	1968	43	66	224	1.535	0.295	0.192	17.2	20.00
29023	40.8381	117.7533	-276.3	447	QAL	0	0	0	0	60	19.8	1998	19	117	178	6.158	0.657	0.107	17.1	20.00
29024	40.8381	117.7529	-275.9	443	QAL	0	0	0	0	62	19.8	1926	46	36	217	0.783	0.166	0.212	17.1	20.00
29025	40.8381	117.7524	-275.8	436	QAL	0	0	0	0	63	19.7	2008	35	104	202	2.971	0.515	0.173	17.0	20.00
29026	40.8380	117.7519	-276.2	428	QAL	0	0	0	0	67	25.5	2027	45	57	185	1.267	0.308	0.243	17.0	20.00
29027	40.8380	117.7514	-275.4	419	QAL	0	0	0	0	65	25.4	1974	50	45	230	0.900	0.196	0.217	16.9	20.00
29028	40.8380	117.7509	-275.1	414	QAL	0	0	0	0	55	25.3	2008	57	78	189	1.368	0.413	0.302	16.8	20.00
29029	40.8380	117.7504	-275.7	408	QAL	0	0	0	0	65	25.2	1978	49	116	176	2.367	0.659	0.278	16.8	20.00
29030	40.8379	117.7500	-275.6	403	QAL	0	0	0	0	64	25.1	2079	55	89	184	1.618	0.484	0.299	16.8	20.00
29031	40.8379	117.7495	-275.7	397	QAL	0	0	0	0	64	25.0	1952	39	140	157	3.590	0.892	0.248	16.7	20.00
29032	40.8379	117.7490	-275.8	397	QAL	0	0	0	0	64	25.0	1991	27	105	187	3.889	0.561	0.144	16.7	20.00
29033	40.8379	117.7485	-275.4	395	QAL	0	0	1	0	67	25.0	2019	53	27	234	0.509	0.115	0.226	16.6	20.00
29034	40.8379	117.7480	-275.8	388	QAL	0	0	0	0	58	24.9	2064	55	86	195	1.564	0.441	0.282	16.5	20.00
29035	40.8378	117.7475	-276.5	381	QAL	0	0	0	0	62	24.8	2008	61	77	164	1.262	0.470	0.372	16.4	20.00
29036	40.8378	117.7470	-278.8	378	QAL	0	0	0	0	66	24.7	19[illegible]	46	95	220	2.065	0.432	0.209	16.4	20.00
29037	40.8378	117.7466	-279.7	376	QAL	0	0	0	0	61	24.7	20[illegible]	47	95	219	2.021	0.434	0.215	16.5	20.00
29038	40.8378	117.7461	-280.3	381	QAL	0	0	0	0	73	24.8	[illegible]	55	77	192	1.400	0.401	0.286	16.5	20.00
29039	40.8377	117.7456	-281.3	385	QAL	0	0	0	0	62	24.8	2[illegible]8	75	88	163	1.173	0.540	0.460	16.5	20.00
29040	40.8377	117.7451	-282.4	386	QAL	0	0	0	0	65	24.9	2039	42	75	211	1.786	0.355	0.199	16.5	20.00
29041	40.8377	117.7446	-284.0	391	QAL	0	0	1	0	67	24.9	2089	64	12	218	0.188	0.055	0.294	16.5	20.00
29042	40.8377	117.7441	-285.5	392	QAL	0	0	0	0	58	24.9	2087	48	109	210	2.271	0.519	0.229	16.5	20.00
29043	40.8376	117.7437	-286.9	394	QAL	0	0	0	0	67	25.0	2082	37	108	184	2.919	0.587	0.201	16.5	20.00
29044	40.8376	117.7432	-288.7	397	QAL	0	0	0	0	67	25.0	2120	55	88	186	1.600	0.473	0.296	16.5	20.00
29045	40.8376	117.7427	-289.7	404	QAL	0	0	0	0	68	31.8	2172	52	68	207	1.308	0.329	0.251	16.6	20.00
29046	40.8376	117.7422	-291.3	404	QAL	0	0	0	0	69	31.8	2106	51	127	167	2.490	0.760	0.305	16.5	20.00
29047	40.8375	117.7417	-292.1	409	QAL	0	0	0	0	71	31.9	2067	60	34	188	0.567	0.181	0.319	16.5	20.00
29048	40.8375	117.7412	-293.7	413	QAL	0	0	0	0	66	31.9	2193	43	87	215	2.023	0.405	0.200	16.6	20.00
29049	40.8375	117.7408	-295.2	420	QAL	0	0	0	0	65	32.1	2171	58	46	213	0.793	0.216	0.272	16.6	20.00
29050	40.8375	117.7403	-295.5	428	QAL	0	0	0	0	61	32.2	2221	58	47	237	0.810	0.198	0.245	16.6	20.00
29051	40.8374	117.7398	-296.8	434	QAL	0	0	0	0	64	32.3	2226	56	88	218	1.571	0.404	0.257	16.6	20.00
29052	40.8374	117.7393	-297.3	439	QAL	0	0	0	0	68	32.4	2281	48	103	208	2.146	0.495	0.231	16.7	20.00
29053	40.8374	117.7388	-297.6	446	QAL	0	0	0	0	72	32.5	2193	61	51	204	0.836	0.250	0.299	16.8	20.00
29054	40.8374	117.7383	-299.0	447	QAL	0	0	0	0	67	32.5	2213	49	108	191	2.204	0.565	0.257	16.8	20.00
29055	40.8373	117.7378	-298.8	447	QAL	0	0	0	0	63	32.6	2247	54	91	195	1.685	0.467	0.277	16.8	20.00
29056	40.8373	117.7374	-299.1	451	QAL	0	0	0	0	68	32.6	2210	49	80	209	1.633	0.383	0.234	16.9	20.00
29057	40.8373	117.7369	-298.8	446	QAL	0	0	0	0	66	32.5	2170	55	32	262	0.582	0.122	0.210	17.0	20.00
29058	40.8373	117.7364	-299.3	446	QAL	0	0	1	0	62	32.5	2163	64	-26	272	-0.406	-0.096	0.235	17.0	20.00
29059	40.8373	117.7359	-298.0	441	QAL	0	0	0	0	73	32.4	2211	37	143	173	3.865	0.827	0.214	17.0	20.00
29060	40.8372	117.7354	-297.8	440	QAL	0	0	0	0	73	32.4	2243	46	103	219	2.239	0.470	0.210	17.0	20.00
29061	40.8372	117.7349	-295.1	445	QAL	0	0	0	0	67	32.5	2263	52	97	203	1.865	0.478	0.256	17.2	20.00
29062	40.8372	117.7345	-292.9	458	QAL	0	0	0	0	62	32.7	2269	52	71	223	1.365	0.318	0.233	17.2	20.00
29063	40.8372	117.7340	-288.0	486	QAL	0	0	0	0	70	33.2	2394	55	110	221	2.000	0.498	0.249	17.2	20.00
29064	40.8371	117.7335	-283.9	502	QAL	0	0	1	0	67	35.6	2401	67	7	291	0.104	0.024	0.230	17.2	20.00
29065	40.8371	117.7330	-277.6	528	QAL	0	0	0	0	76	36.1	2448	53	68	260	1.283	0.262	0.204	17.2	20.00
29066	40.8371	117.7325	-272.1	541	QAL	0	0	0	0	62	36.3	2474	61	58	271	0.951	0.214	0.225	17.2	20.00
29067	40.8371	117.7320	-268.2	565	QAL	0	0	0	0	68	36.7	2414	42	76	257	1.810	0.296	0.163	17.2	20.00
29068	40.8370	117.7316	-265.8	589	QAL	0	0	0	0	73	37.1	2461	43	106	241	2.465	0.440	0.178	17.3	20.00
29069	40.8370	117.7311	-266.4	567	QAL	0	0	0	0	73	36.7	2394	60	56	255	0.933	0.220	0.235	17.2	20.00
29070	40.8370	117.7306	-269.7	567	QAL	0	0	0	0	72	36.7	2361	53	33	264	0.623	0.125	0.201	17.1	20.00
29071	40.8370	117.7301	-275.4	555	QAL	0	0	0	0	77	36.5	2359	51	33	233	0.647	0.142	0.219	17.2	20.00
29072	40.8369	117.7296	-278.4	541	QAL	0	0	0	0	67	36.3	2372	60	46	255	0.767	0.180	0.235	17.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
29073	40.8369	117.7291	-283.0	541	QAL	0	0	0	0	74	36.3	2396	39	110	234	2.821	0.470	0.167	17.2	20.00
29074	40.8369	117.7287	-286.1	536	QAL	0	0	0	0	72	36.2	2355	64	32	207	0.500	0.155	0.309	17.2	20.00
29075	40.8369	117.7282	-288.4	512	TRWI2	0	0	0	0	64	35.8	2261	50	56	226	1.120	0.248	0.221	17.2	20.00
29076	40.8368	117.7277	-291.5	507	TRWI2	0	0	0	0	80	35.7	2184	47	73	209	1.553	0.349	0.225	17.2	20.00
29077	40.8368	117.7272	-294.3	514	TRWI2	0	0	1	0	83	35.8	2107	53	24	220	0.453	0.109	0.241	17.1	20.00
29078	40.8368	117.7267	-294.3	526	TRWI2	0	0	0	0	72	36.0	2133	46	107	152	2.326	0.704	0.303	17.1	20.00
29079	40.8368	117.7262	-296.7	525	TRWI2	0	0	0	0	70	36.0	2151	40	158	118	3.950	1.339	0.339	17.0	20.00
29080	40.8367	117.7257	-296.0	499	TRWI2	0	0	0	0	85	35.6	2127	46	132	143	2.870	0.923	0.322	16.9	20.00
29081	40.8367	117.7253	-298.1	494	TRWI2	0	0	0	0	85	35.5	1930	37	74	150	2.000	0.493	0.247	16.8	20.00
29082	40.8367	117.7248	-297.7	492	TRWI2	0	0	0	0	72	35.4	2109	49	98	182	2.000	0.538	0.269	16.8	20.00
29083	40.8367	117.7243	-298.2	477	TRWI2	0	0	0	0	75	39.7	2069	50	30	191	0.600	0.157	0.262	16.7	20.00
29084	40.8367	117.7238	-299.4	465	TRWI2	0	0	0	0	74	39.4	2049	26	131	203	5.038	0.645	0.128	16.7	20.00
29085	40.8366	117.7233	-299.3	454	TRWI2	0	0	0	0	84	39.2	1944	49	44	156	0.898	0.282	0.314	16.7	20.00
29086	40.8366	117.7228	-298.1	435	TRWI2	0	0	0	0	77	38.8	1802	25	65	137	2.600	0.474	0.182	16.6	20.00
29087	40.8366	117.7224	-300.2	434	TRWI2	0	0	0	0	78	38.7	1717	41	26	143	0.634	0.182	0.287	16.5	20.00
29088	40.8366	117.7219	-299.2	440	TRWI2	0	0	0	0	75	38.9	1791	27	66	177	2.444	0.373	0.153	16.5	20.00
29089	40.8365	117.7214	-299.7	446	TRWI2	0	0	0	0	85	39.0	1569	17	99	90	5.824	1.100	0.189	16.4	20.00
29090	40.8365	117.7209	-300.0	454	TRWI2	0	0	0	0	79	39.2	1454	19	44	72	2.316	0.611	0.264	16.4	20.00
29091	40.8365	117.7204	-300.6	453	TRWI2	0	0	0	0	79	39.1	1546	14	105	85	7.500	1.235	0.165	16.3	20.00
29092	40.8365	117.7199	-300.3	439	TRWI2	0	0	0	0	85	38.9	1473	23	84	54	3.652	1.556	0.426	16.3	20.00
29093	40.8364	117.7195	-300.1	422	TRWI2	0	0	0	0	74	38.5	1530	20	73	102	3.650	0.716	0.196	16.1	20.00
29094	40.8364	117.7190	-300.8	401	TRWI2	0	0	0	0	84	38.0	1496	14	59	104	4.214	0.567	0.135	16.1	20.00
29095	40.8364	117.7185	-300.3	384	TRWI2	0	0	0	0	64	37.7	1613	48	86	83	1.792	1.036	0.578	16.0	20.00
29096	40.8364	117.7180	-299.9	387	TRWI2	0	0	0	0	81	37.7	1679	45	42	144	0.933	0.292	0.313	15.8	20.00
29097	40.8363	117.7175	-300.4	396	TRWI2	0	0	0	0	81	37.9	1796	49	48	138	0.980	0.348	0.355	15.7	20.00
29098	40.8363	117.7170	-298.7	408	TRWI2	0	0	0	0	86	38.2	1849	48	49	134	1.021	0.366	0.358	15.6	20.00
29099	40.8363	117.7165	-299.1	426	TRWI2	0	0	0	0	84	38.6	1962	42	49	202	1.167	0.243	0.208	15.5	20.00
29100	40.8363	117.7161	-298.1	435	TRWI2	0	0	0	0	83	38.8	1993	37	103	128	2.784	0.805	0.289	15.4	20.00
29101	40.8362	117.7156	-298.2	434	TRWI2	0	0	0	0	84	38.7	2022	51	103	136	2.020	0.757	0.375	15.4	20.00
29102	40.8362	117.7151	-297.9	421	TRWI2	0	0	0	0	88	31.9	2074	43	136	153	3.163	0.889	0.281	15.4	20.00
29103	40.8362	117.7146	-297.9	405	TRWI2	0	0	0	0	78	31.6	2057	58	52	188	0.897	0.277	0.309	15.2	20.00
29104	40.8362	117.7141	-297.0	377	TRWI2	0	0	0	0	77	31.1	1935	74	57	137	0.770	0.416	0.540	15.1	20.00
29105	40.8361	117.7136	-297.2	360	TRDG2	0	0	0	0	87	30.8	1853	30	101	161	3.367	0.627	0.186	15.0	20.00
29106	40.8361	117.7132	-296.2	348	TRDG2	0	0	0	0	95	30.6	1758	37	126	108	3.405	1.167	0.343	14.9	20.00
29107	40.8361	117.7127	-295.8	337	TRDG2	0	0	0	0	95	30.3	1809	32	68	154	2.125	0.442	0.208	14.8	20.00
29108	40.8361	117.7122	-297.3	320	TRDG2	0	0	0	0	81	30.0	1910	39	78	153	2.000	0.510	0.255	14.6	20.00
29109	40.8360	117.7117	-295.7	321	TRDG2	0	0	0	0	84	30.0	2015	56	102	172	1.821	0.593	0.326	14.5	20.00
29110	40.8360	117.7112	-295.5	326	TRDG2	0	0	0	0	89	30.1	2267	52	92	218	1.769	0.422	0.239	14.4	20.00
29111	40.8360	117.7107	-294.9	315	TRDG2	0	0	0	0	80	29.9	2290	49	88	231	1.796	0.381	0.212	14.3	20.00
29112	40.8360	117.7103	-294.3	307	TRDG2	0	0	0	0	92	29.7	2207	50	101	199	2.020	0.508	0.251	14.2	20.00
29113	40.8360	117.7098	-293.5	326	TRDG2	0	0	0	0	86	30.1	2285	56	68	204	1.214	0.333	0.275	14.1	20.00
29114	40.8359	117.7093	-292.0	369	TRDG2	0	0	0	0	86	31.0	2359	63	77	241	1.222	0.320	0.261	14.0	20.00
29115	40.8359	117.7088	-291.1	421	TRDG2	0	0	0	0	73	31.9	2424	75	137	167	1.827	0.820	0.449	13.9	20.00
29116	40.8359	117.7083	-291.0	481	TRDG2	0	0	0	0	89	33.0	2465	79	53	194	0.671	0.273	0.407	13.8	20.00
*29117	40.8359	117.7078	-289.7	531	TRDG2	0	0	0	0	82	33.8	2513	67	117	208	1.746	0.563	0.322	13.6	20.00
29118	40.8358	117.7074	-289.0	592	TRDG2	0	0	0	0	93	34.8	2728	104	42	184	0.404	0.228	0.565	13.5	20.00
29119	40.8358	117.7069	-288.5	605	TRDG2	0	0	0	0	91	35.0	2539	76	109	177	1.434	0.616	0.429	13.3	20.00
29120	40.8358	117.7064	-288.1	600	EH2	0	0	0	0	88	34.9	2696	70	73	263	1.043	0.278	0.266	13.2	20.00
29121	40.8358	117.7059	-287.2	570	EH2	0	0	0	0	93	41.5	2497	75	32	248	0.427	0.129	0.302	13.1	20.00
29122	40.8357	117.7054	-287.2	556	EH2	0	0	0	0	86	41.3	2600	68	84	239	1.235	0.351	0.285	13.0	20.00
29123	40.8357	117.7049	-286.8	580	EH2	0	0	0	0	83	41.7	2563	69	81	182	1.174	0.445	0.379	12.8	20.00
29124	40.8357	117.7044	-286.1	611	EH2	0	0	0	0	94	42.3	2660	78	106	211	1.359	0.502	0.370	12.8	20.00
29125	40.8357	117.7040	-286.3	605	EH2	0	0	0	0	93	42.2	2568	83	62	203	0.747	0.305	0.409	12.6	20.00
29126	40.8356	117.7035	-286.2	604	EH2	0	0	0	0	87	42.1	2701	77	101	212	1.312	0.476	0.363	12.5	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
29127	40.8356	117.7030	-286.5	580	EH2	0	0	1	0	87	41.7	2527	79	29	249	0.367	0.116	0.317	12.4	20.00
29128	40.8356	117.7025	-286.5	522	EH2	0	0	1	0	90	40.6	2502	65	-31	317	-0.477	-0.098	0.205	12.3	20.00
29129	40.8356	117.7020	-286.7	485	EH2	0	0	0	0	91	39.9	2464	62	93	224	1.500	0.415	0.277	12.3	20.00
29130	40.8355	117.7015	-287.3	456	EH2	0	0	0	0	82	39.3	2437	78	104	161	1.333	0.646	0.484	12.1	20.00
29131	40.8355	117.7011	-287.0	464	EH2	0	0	0	0	90	39.4	2398	66	75	192	1.136	0.391	0.344	12.0	20.00
29132	40.8355	117.7006	-286.4	487	EH2	0	0	0	0	83	39.9	2505	67	101	186	1.507	0.543	0.360	11.9	20.00
29133	40.8355	117.7001	-286.0	492	EH2	0	0	0	0	87	40.0	2497	69	136	190	1.971	0.716	0.363	11.8	20.00
29134	40.8354	117.6996	-284.6	486	EH2	0	0	0	0	79	39.9	2720	81	90	249	1.111	0.361	0.325	11.7	20.00
29135	40.8354	117.6991	-284.4	493	EH2	0	0	0	0	91	40.0	2695	93	83	207	0.892	0.401	0.449	11.6	20.00
29136	40.8354	117.6986	-284.0	495	EH2	0	0	0	0	90	40.1	2690	72	63	269	0.875	0.234	0.268	11.5	20.00
29137	40.8354	117.6982	-283.9	485	EH2	0	0	0	0	90	39.9	2705	93	66	250	0.710	0.264	0.372	11.5	20.00
29138	40.8354	117.6977	-283.8	451	EH2	0	0	0	0	86	39.2	2641	96	52	226	0.542	0.230	0.425	11.3	20.00
29139	40.8353	117.6972	-283.7	408	EH2	0	0	0	0	103	38.2	2544	77	56	230	0.727	0.243	0.335	11.2	20.00
29140	40.8353	117.6967	-284.1	379	EH2	0	0	1	0	99	26.5	2521	85	25	265	0.294	0.094	0.321	11.1	20.00
29141	40.8353	117.6962	-282.8	360	EH2	0	0	1	0	91	26.1	2596	92	25	268	0.272	0.093	0.343	11.0	20.00
29142	40.8353	117.6957	-282.7	360	EH2	0	0	0	0	89	26.2	2683	79	187	205	2.367	0.912	0.385	11.0	20.00
29143	40.8352	117.6952	-281.4	370	EH2	0	0	0	0	97	26.3	2547	62	108	242	1.742	0.446	0.256	10.9	20.00
29144	40.8352	117.6948	-279.6	354	EH2	0	0	0	0	94	26.1	2480	71	83	223	1.169	0.372	0.318	10.7	20.00
29145	40.8352	117.6943	-278.6	341	EH2	0	0	0	0	86	25.8	2448	85	86	199	1.012	0.432	0.427	10.6	20.00
29146	40.8352	117.6938	-278.5	360	EH2	0	0	0	0	96	26.2	2539	66	95	229	1.439	0.415	0.288	10.6	20.00
29147	40.8351	117.6933	-279.3	405	EH2	0	0	0	0	96	26.9	2646	63	133	221	2.111	0.602	0.285	10.5	20.00
29148	40.8351	117.6928	-279.0	453	EH2	0	0	0	0	102	27.6	2484	79	126	165	1.595	0.764	0.479	10.4	20.00
29149	40.8351	117.6923	-280.5	492	EH2	0	0	0	0	79	28.2	2633	77	91	246	1.182	0.370	0.313	10.3	20.00
29150	40.8351	117.6919	-280.4	514	EH2	0	0	0	0	95	28.5	2508	77	37	238	0.481	0.155	0.324	10.2	20.00
29151	40.8350	117.6914	-280.7	546	EH2	0	0	0	0	85	28.9	2549	65	123	197	1.892	0.624	0.330	10.1	20.00
29152	40.8350	117.6909	-281.8	581	EH2	0	0	0	0	90	29.4	2496	54	168	182	3.111	0.923	0.297	9.9	20.00
29153	40.8350	117.6904	-281.6	620	EH2	0	0	0	0	92	29.9	2459	75	94	208	1.253	0.452	0.361	9.8	20.00
29154	40.8350	117.6899	-281.4	677	EH2	0	0	0	0	95	30.6	2459	54	102	186	1.889	0.548	0.290	9.7	20.00
29155	40.8349	117.6894	-279.8	736	EH2	1	0	0	0	87	31.2	2531	85	94	159	1.106	0.591	0.535	9.7	20.00
29156	40.8349	117.6890	-280.9	758	EH2	1	0	0	0	91	31.5	2464	52	109	188	2.096	0.580	0.277	9.7	20.00
29157	40.8349	117.6885	-280.6	779	EH2	1	0	0	0	88	31.7	2369	52	71	211	1.365	0.336	0.246	9.6	20.00
29158	40.8349	117.6880	-281.4	790	EH2	1	0	0	0	103	31.8	2390	64	51	157	0.797	0.325	0.408	9.5	20.00
29159	40.8348	117.6875	-281.6	805	EH2	1	0	0	0	92	22.9	2142	42	61	206	1.452	0.296	0.204	9.4	20.00
29160	40.8348	117.6870	-282.8	849	EH2	1	0	0	0	97	23.2	2210	56	125	138	2.232	0.906	0.406	9.3	20.00
29161	40.8348	117.6865	-281.4	913	EH2	1	0	0	0	88	23.7	2290	62	99	137	1.597	0.723	0.453	9.2	20.00
29162	40.8348	117.6861	-280.8	969	EH2	1	0	1	0	100	24.0	2185	74	-15	257	-0.203	-0.058	0.288	9.2	20.00
29163	40.8348	117.6856	-280.4	997	EH2	1	0	0	0	87	24.2	2215	58	91	160	1.569	0.569	0.363	9.2	20.00
29164	40.8347	117.6851	-280.3	1041	EH2	2	0	0	0	90	24.4	2175	68	52	162	0.765	0.321	0.420	9.1	20.00
29165	40.8347	117.6846	-279.9	1073	EH2	2	0	1	0	96	24.6	2086	83	-35	164	-0.422	-0.213	0.506	9.0	20.00
29166	40.8347	117.6841	-279.7	1109	EH2	2	0	0	0	86	24.7	2244	39	72	134	1.895	0.537	0.284	9.0	20.00
29167	40.8347	117.6836	-278.8	1168	EH2	2	0	0	0	96	24.7	2259	35	43	184	1.229	0.234	0.190	9.0	20.00
29168	40.8346	117.6831	-277.9	1226	EH2	2	0	1	0	91	24.7	2188	71	15	113	0.211	0.133	0.628	9.0	20.00
29169	40.8346	117.6827	-277.9	1274	EH2	2	1	0	0	84	24.7	2242	73	96	0	1.315	96.000	73.000	9.0	20.00
29170	40.8346	117.6822	-278.1	1324	EH2	2	0	0	0	89	24.7	2390	46	48	268	1.043	0.179	0.172	9.1	20.00
*29171	40.8346	117.6817	-276.8	1336	EH2	2	1	0	0	91	24.7	2301	45	72	25	1.600	2.880	1.800	9.0	20.00
29172	40.8345	117.6812	-277.2	1306	EH2	2	0	0	0	91	24.7	2233	80	50	98	0.625	0.510	0.816	9.1	20.00
29173	40.8345	117.6807	-277.7	1224	EH2	2	0	1	0	91	24.7	2021	52	1	137	0.019	0.007	0.380	9.1	20.00
29174	40.8345	117.6802	-278.2	1117	EH2	2	0	0	1	92	24.7	1739	15	84	65	5.600	1.292	0.231	9.1	20.00
29175	40.8345	117.6798	-278.5	1056	EH2	2	0	0	0	77	24.5	1675	30	35	98	1.167	0.357	0.306	9.1	20.00
29176	40.8344	117.6793	-278.1	1054	EH2	2	0	1	0	83	24.5	1638	15	15	126	1.000	0.119	0.119	9.1	20.00
29177	40.8344	117.6788	-278.1	1100	EH2	2	1	0	0	80	24.7	1675	29	68	44	2.345	1.545	0.659	9.0	20.00
29178	40.8344	117.6783	-277.2	1191	EH2	2	1	0	0	92	18.7	1799	34	70	49	2.059	1.429	0.694	9.1	20.00
29179	40.8344	117.6778	-275.5	1287	EH2	2	0	0	0	83	18.7	1935	40	32	148	0.800	0.216	0.270	9.0	20.00
29180	40.8343	117.6773	-275.2	1335	EH2	2	1	1	0	100	18.7	2001	48	20	53	0.417	0.377	0.906	9.0	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
29181	40.8343	117.6763	-273.9	13[illegible]	EH2	2	0	0	1	87	18.7	2345	13	101	156	7.769	0.647	0.083	9.0	20.00
29182	40.8343	117.6764	-273.9	1393	EH2	2	0	0	1	87	18.7	2555	20	143	177	7.150	0.808	0.113	9.0	20.00
29183	40.8343	117.6759	-274.4	1369	EH2	2	0	0	0	85	18.7	2481	43	73	198	1.698	0.369	0.217	9.0	20.00
29184	40.8342	117.6754	-274.6	1297	EH2	2	0	0	0	88	18.7	2496	35	77	242	2.200	0.318	0.145	9.0	20.00
29185	40.8342	117.6749	-275.1	1188	EH2	2	0	1	0	94	18.7	2249	69	23	167	0.333	0.138	0.413	9.1	20.00
29186	40.8342	117.6744	-275.9	1071	EH2	2	0	0	0	93	18.6	2092	47	38	166	0.809	0.229	0.283	9.1	20.00
29187	40.8342	117.6739	-276.9	963	EH2	1	0	0	0	93	18.2	1999	36	89	162	2.472	0.549	0.222	9.1	20.00
29188	40.8341	117.6735	-276.3	869	EH2	1	0	0	0	85	17.7	1856	34	120	77	3.529	1.558	0.442	9.1	20.00
29189	40.8341	117.6730	-277.4	801	EH2	1	0	0	0	88	17.3	1720	28	57	134	2.036	0.425	0.209	9.1	20.00
29190	40.8341	117.6725	-277.7	716	EH2	1	0	0	0	98	16.8	1815	24	93	108	3.875	0.861	0.222	9.1	20.00
29191	40.8341	117.6720	-278.0	665	EH2	0	0	0	0	80	16.5	1724	32	90	102	2.813	0.882	0.314	9.1	20.00
29192	40.8341	117.6715	-277.6	567	TRGV2	0	0	0	1	97	15.9	1740	5	113	116	22.600	0.974	0.043	9.1	20.00
29193	40.8340	117.6710	-277.7	506	TRGV2	0	0	0	0	90	15.4	1657	24	83	101	3.458	0.822	0.238	9.1	20.00
29194	40.8340	117.6706	-277.6	499	TRGV2	0	0	0	0	83	15.4	1665	34	92	90	2.706	1.022	0.378	9.2	20.00
29195	40.8340	117.6701	-277.3	526	TRGV2	0	0	0	0	83	15.6	1813	21	73	141	3.476	0.518	0.149	9.3	20.00
29196	40.8340	117.6696	-277.1	569	TRGV2	0	0	0	0	95	15.9	1783	28	60	133	2.143	0.451	0.211	9.3	20.00
29197	40.8340	117.6691	-277.3	584	TRGV2	0	0	0	0	93	18.7	1827	31	88	135	2.839	0.652	0.230	9.4	20.00
29198	40.8340	117.6686	-277.2	577	TRGV2	0	0	0	0	88	18.6	1822	39	56	137	1.436	0.409	0.285	9.4	20.00
29199	40.8340	117.6681	-277.5	556	TRGV2	0	0	0	0	88	18.4	1727	25	125	90	5.000	1.389	0.278	9.5	20.00
29200	40.8340	117.6676	-277.3	559	TRNP	0	0	1	0	91	18.4	1732	30	9	160	0.300	0.056	0.188	9.5	20.00
29201	40.8340	117.6671	-277.0	580	TRNP	0	0	0	0	91	18.6	1748	28	86	121	3.071	0.711	0.231	9.6	20.00
29202	40.8341	117.6666	-277.2	635	TRNP	0	0	0	0	94	19.1	1730	30	76	111	2.533	0.685	0.270	9.6	20.00
29[illegible]	40.8341	117.6661	-277.2	699	TRNP	0	0	0	0	80	19.5	1766	18	118	77	6.556	1.532	0.234	9.8	20.00
292[illegible]	[illegible].8341	117.6656	-276.5	766	TRNP	1	0	1	0	98	20.0	1892	42	15	150	0.357	0.100	0.280	9.9	20.00
29205	[illegible].8341	117.6651	-276.3	810	TRNP	1	0	0	0	90	20.3	1805	38	63	154	1.658	0.409	0.247	9.9	20.00
29206	40.8341	117.6646	-276.3	852	TRNP	1	0	0	0	88	20.6	1829	28	68	172	2.429	0.395	0.163	9.9	20.00
29207	40.8341	117.6641	-276.0	875	TRNP	1	0	0	0	77	20.7	1867	34	66	164	1.941	0.402	0.207	9.9	20.00
29208	40.8341	117.6636	-276.1	902	TRNP	1	0	0	0	96	20.8	1763	21	55	138	2.619	0.399	0.152	10.0	20.00
29209	40.8341	117.6631	-275.8	952	TRNP	1	0	0	0	83	21.1	1737	28	87	122	3.107	0.713	0.230	10.1	20.00
29210	40.8341	117.6627	-275.2	1003	TRNP	2	0	0	0	98	21.4	1868	23	41	167	1.783	0.246	0.138	10.1	20.00
29211	40.8341	117.6622	-274.7	1048	TRNP	2	0	0	0	85	21.6	1874	21	86	128	4.095	0.672	0.164	10.2	20.00
29212	40.8341	117.6617	-274.1	1078	EH2	2	0	0	0	85	21.8	1774	32	76	90	2.375	0.844	0.356	10.3	20.00
29213	40.8341	117.6612	-275.2	1076	EH2	2	0	0	0	97	21.8	1886	20	78	113	3.900	0.690	0.177	10.3	20.00
29214	40.8341	117.6607	-275.4	1042	EH2	2	0	0	1	98	21.6	1851	12	55	175	4.583	0.314	0.069	10.4	20.00
29215	40.8341	117.6602	-276.0	1013	EH2	2	0	0	1	86	21.4	1751	0	64	153	64.000	0.418	0.007	10.3	20.00
29216	40.8341	117.6597	-276.3	1014	EH2	2	0	1	0	96	41.1	1632	23	-34	181	-1.478	-0.188	0.127	10.4	20.00
29217	40.8341	117.6592	-276.4	1019	EH2	2	0	1	0	91	41.2	1712	31	12	141	0.387	0.085	0.220	10.4	20.00
29218	40.8341	117.6587	-276.2	1023	EH2	2	0	0	1	90	41.2	1628	-9	57	90	-6.333	0.633	-0.100	10.4	20.00
29219	40.8341	117.6582	-276.8	1025	EH2	2	0	0	1	100	41.3	1587	11	29	86	2.636	0.337	0.128	10.5	20.00
29220	40.8341	117.6577	-277.3	1003	EH2	2	0	1	0	92	41.0	1448	27	-8	73	-0.296	-0.110	0.370	10.5	20.00
29221	40.8341	117.6572	-278.4	985	EH2	1	0	1	1	88	40.9	1438	-5	15	80	-3.000	0.188	-0.063	10.5	20.00
29222	40.8341	117.6567	-277.7	1018	EH2	2	0	1	1	92	41.2	1565	9	6	136	0.667	0.044	0.066	10.6	20.00
29223	40.8341	117.6562	-278.5	1059	EH2	2	0	1	1	96	41.6	1598	8	8	78	1.000	0.103	0.103	10.6	20.00
29224	40.8341	117.6557	-278.4	1075	EH2	2	0	1	1	97	41.7	1642	3	-3	156	-1.000	-0.019	0.019	10.6	20.00
29225	40.8341	117.6552	-277.5	1074	EH2	2	0	1	1	85	41.7	1568	12	13	67	1.083	0.194	0.179	10.5	20.00
29226	40.8341	117.6547	-278.0	1065	EH2	2	0	1	1	101	41.6	1502	5	0	90	0.200	0.011	0.056	10.6	20.00
29227	40.8341	117.6543	-278.9	1063	EH2	2	0	1	1	83	41.6	1422	14	-41	147	-2.929	-0.279	0.095	10.6	20.00
29228	40.8341	117.6538	-278.2	1060	EH2	2	0	1	1	93	41.6	1463	15	-41	140	-2.733	-0.293	0.107	10.6	20.00
29229	40.8341	117.6533	-278.9	1048	EH2	2	0	1	1	95	41.5	1534	12	-29	166	-2.417	-0.175	0.072	10.6	20.00
29230	40.8341	117.6528	-279.0	1060	EH2	2	0	1	1	101	41.6	1506	0	-39	125	-39.000	-0.312	0.008	10.6	20.00
29231	40.8341	117.6523	-279.1	1060	EH2	2	0	1	0	99	41.6	1580	30	-29	117	-0.967	-0.248	0.256	10.7	20.00
29232	40.8341	117.6518	-278.0	1048	EH2	2	0	1	1	92	41.5	1632	12	-2	121	-0.167	-0.017	0.099	10.7	20.00
29233	40.8341	117.6513	-279.3	999	EH2	1	0	1	1	92	41.0	1508	14	-27	143	-1.929	-0.189	0.098	10.8	20.00
29234	40.8341	117.6508	-279.3	957	EH2	1	0	1	0	93	40.6	1484	23	6	71	0.261	0.085	0.324	10.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
29235	40.8341	117.6503	-279.3	907	EH2	1	0	1	0	88	44.2	1447	14	-15	118	-1.071	-0.127	0.119	10.8	20.00
29236	40.8341	117.6498	-280.2	845	EH2	1	0	1	1	93	43.4	1381	9	12	84	1.333	0.143	0.107	10.9	20.00
29237	40.8341	117.6493	-281.3	811	EH2	1	0	1	1	94	43.0	1335	11	-16	110	-1.455	-0.145	0.100	11.0	20.00
29238	40.8341	117.6488	-281.0	803	EH2	1	0	0	1	101	42.9	1443	10	40	60	4.000	0.667	0.167	11.0	20.00
29239	40.8341	117.6483	-280.8	833	EH2	1	0	1	0	93	43.3	1467	31	14	59	0.452	0.237	0.525	10.9	20.00
29240	40.8341	117.6478	-280.1	881	EH2	1	0	1	0	94	43.9	1621	44	-38	143	-0.864	-0.266	0.308	11.0	20.00
29241	40.8341	117.6473	-280.4	916	EH2	1	0	0	1	113	44.3	1700	12	36	120	3.000	0.300	0.100	11.0	20.00
29242	40.8341	117.6468	-279.8	937	EH2	1	0	1	0	98	44.6	1710	32	-3	108	-0.094	-0.028	0.296	10.9	20.00
29243	40.8341	117.6464	-279.8	958	EH2	1	0	1	0	99	44.8	1972	22	12	220	0.545	0.055	0.100	10.8	20.00
29244	40.8342	117.6459	-279.3	968	EH2	1	0	1	0	112	44.9	1822	38	-23	112	-0.605	-0.205	0.339	10.7	20.00
29245	40.8342	117.6454	-280.2	993	EH2	1	0	0	0	94	45.2	1884	26	50	111	1.923	0.450	0.234	10.7	20.00
29246	40.8342	117.6449	-280.2	1034	EH2	2	0	0	0	103	45.6	2098	19	86	110	4.526	0.782	0.173	10.7	20.00
29247	40.8342	117.6444	-280.4	1051	EH2	2	0	1	0	110	45.8	2098	38	24	150	0.632	0.160	0.253	10.6	20.00
29248	40.8342	117.6439	-281.2	1055	EH1	2	0	1	0	96	45.8	1984	21	4	164	0.190	0.024	0.128	10.6	20.00
29249	40.8342	117.6434	-281.8	1055	EH1	2	0	0	0	97	45.8	2185	69	44	69	0.638	0.638	1.000	10.6	20.00
29250	40.8342	117.6429	-282.1	1034	EH1	2	0	1	0	101	45.6	1991	62	-31	170	-0.500	-0.182	0.365	10.6	20.00
29251	40.8342	117.6424	-282.2	1005	EH1	2	0	0	1	103	45.3	1948	7	62	140	8.857	0.443	0.050	10.5	20.00
29252	40.8342	117.6419	-282.7	988	EH1	1	0	0	0	99	45.1	1990	23	33	212	1.435	0.156	0.108	10.5	20.00
29253	40.8342	117.6414	-282.6	987	EH1	1	0	1	0	104	45.1	2117	84	-6	103	-0.071	-0.058	0.816	10.4	20.00
29254	40.8342	117.6409	-283.0	978	EH1	1	0	1	0	93	62.5	2093	40	10	225	0.250	0.044	0.178	10.3	20.00
29255	40.8342	117.6404	-283.0	963	EH1	1	0	0	0	102	62.3	1988	16	36	203	2.250	0.177	0.079	10.2	20.00
29256	40.8342	117.6399	-283.4	958	EH1	1	0	1	0	87	62.2	2093	41	-16	251	-0.390	-0.064	0.163	10.2	20.00
29257	40.8342	117.6394	-284.0	958	EH1	1	0	1	0	105	62.2	2092	42	11	142	0.262	0.077	0.296	10.2	20.00
29258	40.8342	117.6389	-283.7	955	OSR	1	0	0	0	102	62.2	2133	42	46	126	1.095	0.365	0.333	10.1	20.00
29259	40.8342	117.6385	-284.1	949	OSR	1	0	0	0	106	62.1	2092	34	61	94	1.794	0.649	0.362	10.0	20.00
29260	40.8342	117.6380	-283.0	948	OSR	1	0	1	0	100	62.0	2101	37	-7	233	-0.189	-0.030	0.159	10.0	20.00
29261	40.8342	117.6375	-282.8	943	OSR	1	1	0	0	108	62.0	2104	36	106	38	2.944	2.789	0.947	9.8	20.00
29262	40.8342	117.6370	-283.6	929	OSR	1	0	0	0	101	61.7	2082	37	44	101	1.189	0.436	0.366	9.7	20.00
29263	40.8342	117.6365	-283.2	932	OSR	1	0	1	0	99	61.8	2087	32	13	163	0.406	0.080	0.196	9.6	20.00
29264	40.8342	117.6360	-282.6	917	OSR	1	0	1	0	103	61.5	2263	30	12	198	0.400	0.061	0.152	9.4	20.00
29265	40.8342	117.6355	-282.3	882	OSR	1	0	1	0	98	60.9	2020	50	6	102	0.120	0.059	0.490	9.3	20.00
29266	40.8342	117.6350	-284.1	854	OSR	1	0	0	0	100	60.5	2029	22	58	143	2.636	0.406	0.154	9.3	20.00
29267	40.8342	117.6345	-283.6	811	OSR	1	0	0	0	104	59.7	1961	35	51	129	1.457	0.395	0.271	9.2	20.00
29268	40.8342	117.634	-283.8	770	OSR	1	0	1	0	116	58.9	2146	52	-3	175	-0.058	-0.017	0.297	9.1	20.00
29269	40.8342	117.6335	-283.7	739	OSR	1	0	0	0	109	58.3	2097	34	30	144	0.882	0.208	0.236	9.0	20.00
29270	40.8342	117.6330	-283.9	699	OSR	0	0	1	0	114	57.4	2022	38	27	146	0.711	0.185	0.260	8.9	20.00
29271	40.8342	117.6325	-284.3	661	OSR	0	0	0	0	111	56.6	2090	45	46	107	1.022	0.430	0.421	8.8	20.00
29272	40.8342	117.6320	-285.0	651	OSR	0	0	1	0	114	56.4	2046	28	6	176	0.214	0.034	0.159	8.7	20.00
29273	40.8342	117.6315	-284.3	620	OSR	0	0	0	0	99	65.7	2070	24	99	107	4.125	0.925	0.224	8.6	20.00
29274	40.8342	117.6310	-285.0	580	OSR	0	0	0	0	100	64.5	2093	45	55	151	1.222	0.364	0.298	8.5	20.00
29275	40.8342	117.6305	-284.3	555	OSR	0	0	1	0	106	63.8	2071	27	17	159	0.630	0.107	0.170	8.5	20.00
29276	40.8342	117.6301	-285.2	520	OSR	0	0	1	0	99	62.8	2099	57	23	168	0.404	0.137	0.339	8.4	20.00
29277	40.8342	117.6296	-284.5	498	OSR	0	0	1	0	113	62.1	2031	34	-11	217	-0.324	-0.051	0.157	8.3	20.00
29278	40.8342	117.6291	-284.0	487	OSR	0	0	0	0	108	61.8	2189	34	83	175	2.441	0.474	0.194	8.3	20.00
29279	40.8342	117.6286	-284.5	464	OSR	0	0	0	0	108	61.0	2061	32	86	147	2.688	0.585	0.218	8.2	20.00
29280	40.8342	117.6281	-286.0	450	OSR	0	0	0	0	116	60.6	2011	36	61	151	1.694	0.404	0.238	8.2	20.00
29281	40.8342	117.6276	-284.5	465	OSR	0	0	0	0	120	61.1	1926	41	37	139	0.902	0.266	0.295	8.1	20.00
29282	40.8342	117.6271	-283.1	499	OSR	0	0	0	0	115	62.1	2011	45	34	146	0.756	0.233	0.308	7.9	20.00
29283	40.8342	117.6266	-283.5	585	OSR	0	0	1	0	110	64.7	2082	44	23	131	0.523	0.176	0.336	7.8	20.00
29284	40.8342	117.6261	-282.6	672	OSR	0	0	0	0	122	67.0	1995	13	51	157	3.923	0.325	0.083	7.7	20.00
29285	40.8342	117.6256	-281.3	751	OSR	1	0	1	0	117	69.0	2067	38	4	172	0.105	0.023	0.221	7.6	20.00
29286	40.8343	117.6251	-279.5	863	OSR	1	0	1	0	102	71.5	2058	51	21	154	0.412	0.136	0.331	7.5	20.00
29287	40.8343	117.6246	-279.6	898	OSR	1	0	1	0	110	72.2	2047	47	-41	215	-0.872	-0.191	0.219	7.4	20.00
29288	40.8343	117.6241	-278.9	937	OSR	1	0	0	1	114	73.0	1974	14	46	131	3.286	0.351	0.107	7.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
29289	40.8343	117.6236	-280.0	939	OSR	1	0	1	0	108	73.0	1984	37	-41	210	-1.108	-0.195	0.176	7.3	20.00
29290	40.8343	117.6231	-278.8	935	OSR	1	0	1	0	120	72.9	1895	36	17	53	0.472	0.321	0.679	7.3	20.00
29291	40.8343	117.6226	-278.1	924	OSR	1	0	1	0	126	72.7	1780	42	-41	87	-0.976	-0.471	0.483	7.2	20.00
29292	40.8343	117.6222	-279.2	893	OSR	1	0	1	0	125	78.1	1755	21	-24	119	-1.143	-0.202	0.176	7.2	20.00
29293	40.8343	117.6217	-280.0	861	OSR	1	0	1	0	108	77.4	1610	18	-13	96	-0.722	-0.135	0.188	7.2	20.00
29294	40.8343	117.6212	-278.9	827	OSR	1	1	0	1	121	76.6	1682	12	52	26	4.333	2.000	0.462	7.2	20.00
29295	40.8343	117.6207	-279.3	792	OSR	1	0	1	0	118	75.8	1659	39	-23	59	-0.590	-0.390	0.661	7.2	20.00
29296	40.8343	117.6202	-278.7	760	OSR	1	0	1	1	116	75.0	1537	10	17	49	1.700	0.347	0.204	7.1	20.00
29297	40.8343	117.6197	-281.1	699	OSR	0	0	1	0	118	73.4	1460	21	-12	42	-0.571	-0.286	0.500	7.0	20.00
29298	40.8343	117.6192	-280.0	631	OSR	0	0	1	1	121	71.5	1312	7	-2	58	-0.286	-0.034	0.121	7.0	20.00
29299	40.8343	117.6187	-280.5	607	OV1	0	0	1	0	118	70.8	1262	12	-32	52	-2.667	-0.615	0.231	6.9	20.00
29300	40.8343	117.6182	-279.5	595	OV1	0	0	1	0	112	70.4	1271	10	-7	32	-0.700	-0.219	0.313	6.9	20.00
29301	40.8343	117.6177	-279.2	614	OV1	0	0	1	0	114	71.0	1282	27	-41	53	-1.519	-0.774	0.509	6.8	20.00
29302	40.8343	117.6172	-277.6	665	OV1	0	0	1	0	112	72.4	1288	31	-41	53	-1.323	-0.774	0.585	6.8	20.00
29303	40.8343	117.6167	-278.6	712	OV1	1	0	1	0	120	73.7	1437	21	-38	86	-1.810	-0.442	0.244	6.9	20.00
29304	40.8343	117.6162	-277.7	780	OV1	1	0	1	1	123	75.5	1468	1	-41	100	-41.000	-0.410	0.010	6.9	20.00
29305	40.8343	117.6157	-277.0	842	OV1	1	0	1	0	109	77.0	1576	14	2	69	0.143	0.029	0.203	6.8	20.00
29306	40.8343	117.6152	-276.1	879	OV1	1	0	1	1	119	77.8	1543	9	-21	94	-2.333	-0.223	0.096	6.8	20.00
29307	40.8343	117.6147	-275.5	894	OV1	1	0	1	0	123	78.1	1636	29	-30	65	-1.034	-0.462	0.446	6.8	20.00
29308	40.8343	117.6143	-275.5	912	OV1	1	0	1	0	118	78.5	1755	32	-41	147	-1.281	-0.279	0.218	6.9	20.00
29309	40.8343	117.6138	-275.2	935	OV1	1	0	1	0	122	79.0	1723	34	-41	113	-1.206	-0.363	0.301	6.9	20.00
29310	40.8343	117.6133	-276.9	953	OV1	1	0	1	0	116	79.4	1888	44	-8	72	-0.182	-0.111	0.611	6.9	20.00
29311	40.8343	117.6128	-275.4	970	OV1	1	0	0	1	111	77.6	2014	15	44	72	2.933	0.611	0.208	6.8	20.00
29312	40.8343	117.6123	-276.3	986	OV	1	1	0	0	109	77.9	2299	61	80	11	1.311	7.273	5.545	6.9	20.00
29313	40.8343	117.6118	-276.8	1003	OV1	2	0	1	0	118	78.2	2211	81	-41	138	-0.506	-0.297	0.587	7.0	20.00
29314	40.8343	117.6113	-276.9	1004	OV1	2	0	1	0	115	78.2	2361	72	-17	132	-0.236	-0.129	0.545	7.1	20.00
29315	40.8343	117.6108	-277.9	991	OV1	1	0	1	0	122	78.0	2654	67	-21	279	-0.313	-0.075	0.240	7.2	20.00
29316	40.8343	117.6103	-278.5	990	OV1	1	0	0	0	116	78.0	2602	44	63	174	1.432	0.362	0.253	7.3	20.00
29317	40.8343	117.6098	-276.4	981	OV1	1	0	1	0	111	77.8	2596	65	19	186	0.292	0.102	0.349	7.4	20.00
29318	40.8343	117.6093	-276.8	980	OV1	1	0	0	0	111	77.8	2535	44	116	62	2.636	1.871	0.710	7.4	20.00
29319	40.8343	117.6088	-277.8	990	OV1	1	0	1	0	110	78.0	2512	61	0	130	0.016	0.008	0.469	7.5	20.00
29320	40.8343	117.6083	-277.8	982	OV1	1	0	1	0	117	77.8	2359	55	18	178	0.327	0.101	0.309	7.6	20.00
29321	40.8343	117.6078	-276.5	994	OV1	1	0	0	0	119	78.0	2252	40	55	100	1.375	0.550	0.400	7.7	20.00
29322	40.8343	117.6073	-277.2	1018	OV1	2	0	1	0	111	78.5	2186	38	-4	164	-0.105	-0.024	0.232	7.8	20.00
29323	40.8343	117.6068	-277.1	1041	OV1	2	0	1	0	114	78.9	1977	64	-41	105	-0.641	-0.390	0.610	7.9	20.00
29324	40.8343	117.6064	-276.1	1089	OV1	2	0	1	0	115	79.7	1996	40	-19	73	-0.475	-0.260	0.548	7.9	20.00
29325	40.8343	117.6059	-275.5	1144	OV1	2	0	1	0	111	79.9	2030	61	-41	78	-0.672	-0.526	0.782	8.0	20.00
29326	40.8343	117.6054	-274.5	1185	OV1	2	0	1	0	110	79.9	2102	38	-21	99	-0.553	-0.212	0.384	8.1	20.00
29327	40.8343	117.6049	-274.8	1251	OV1	2	0	1	0	113	79.9	2084	66	-41	92	-0.621	-0.446	0.717	8.1	20.00
29328	40.8344	117.6044	-273.9	1313	OV1	2	1	1	1	110	79.9	2007	-4	23	19	-5.750	1.211	-0.211	8.2	20.00
29329	40.8344	117.6039	-273.2	1374	OV1	2	0	1	1	118	79.9	2213	11	-27	95	-2.455	-0.284	0.116	8.3	20.00
29330	40.8344	117.6034	-273.0	1417	OV1	2	0	1	0	116	65.5	2355	57	-41	281	-0.719	-0.146	0.203	8.3	20.00
29331	40.8344	117.6029	-272.6	1475	OV1	2	1	1	0	118	65.5	2408	32	31	-41	0.969	-0.756	-0.780	8.3	20.00
29332	40.8344	117.6024	-272.5	1530	OV1	2	1	1	1	112	65.5	2243	25	4	-41	0.160	-0.098	-0.610	8.4	20.00
29333	40.8344	117.6019	-271.8	1572	OV1	2	0	1	1	120	65.5	2249	19	-41	124	-2.158	-0.331	0.153	8.5	20.00
29334	40.8344	117.6014	-273.0	1618	OV1	2	1	0	1	111	65.5	2561	-3	92	-41	-30.667	-2.244	0.073	8.6	20.00
29335	40.8344	117.6009	-271.0	1660	OV1	2	1	1	1	111	65.5	2596	17	-41	52	-2.412	-0.788	0.327	8.7	20.00
29336	40.8344	117.6004	-270.8	1698	OV1	2	1	1	1	114	65.5	2730	30	-29	120	-0.967	-0.242	0.250	8.7	20.00
29337	40.8344	117.5999	-271.0	1750	OV1	2	1	1	1	112	65.5	2623	24	-41	121	-1.708	-0.339	0.198	8.7	20.00
29338	40.8344	117.5994	-272.0	1800	OV1	2	1	1	1	111	65.5	2860	24	0	-26	0.042	-0.038	-0.923	8.8	20.00
29339	40.8344	117.5989	-270.5	1834	OV1	2	1	1	0	105	65.5	3076	69	-30	4	-0.435	-7.500	17.250	8.9	20.00
29340	40.8344	117.5984	-271.5	1852	OV1	2	0	1	0	107	65.5	3237	72	-41	388	-0.569	-0.106	0.186	8.9	20.00
29341	40.8344	117.5980	-270.2	1870	OV1	2	0	1	0	117	65.5	3020	49	-41	210	-0.837	-0.195	0.233	8.9	20.00
29342	40.8344	117.5975	-270.4	1868	OV1	2	1	1	0	112	65.5	3069	48	-41	90	-0.854	-0.456	0.533	8.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
29343	40.8344	117.5970	-270.1	1853	OV1	2	0	1	1	110	65.5	2874	9	-41	261	-4.556	-0.157	0.034	8.9	20.00
29344	40.8344	117.5965	-271.9	1830	OV1	2	1	1	1	105	65.5	2922	24	-16	105	-0.667	-0.152	0.229	9.0	20.00
29345	40.8344	117.5960	-271.4	1783	OV1	2	1	1	0	102	65.5	2852	61	9	-26	0.148	-0.346	-2.346	9.0	20.00
29346	40.8344	117.5955	-271.6	1713	OV1	2	1	1	0	99	65.5	2563	83	-41	9	-0.494	-4.556	9.222	9.0	20.00
29347	40.8344	117.5950	-274.5	1640	OV1	2	1	1	1	109	65.5	2437	-4	1	46	-0.250	0.022	-0.087	9.0	20.00
29348	40.8344	117.5945	-274.5	1563	OV1	2	0	1	0	102	65.5	2276	40	-41	230	-1.025	-0.178	0.174	9.0	20.00
29349	40.8344	117.5940	-275.3	1509	OV1	2	1	0	1	106	53.4	2249	11	50	-41	4.545	-1.220	-0.268	9.1	20.00
29350	40.8344	117.5935	-276.2	1448	OV1	2	0	1	1	112	53.4	1977	24	-41	98	-1.708	-0.418	0.245	9.2	20.00
29351	40.8344	117.5930	-275.5	1392	OV1	2	1	0	1	95	53.4	2018	4	68	2	17.000	34.000	2.000	9.2	20.00
29352	40.8344	117.5925	-277.5	1348	OV1	2	0	1	0	108	53.4	2043	45	-41	176	-0.911	-0.233	0.256	9.2	20.00
29353	40.8344	117.5920	-278.6	1294	OV1	2	1	1	0	99	53.4	1908	25	9	60	0.360	0.150	0.417	9.3	20.00
29354	40.8344	117.5915	-278.1	1243	OV1	2	1	1	0	93	53.4	1932	33	14	16	0.424	0.875	2.063	9.2	20.00
29355	40.8344	117.5910	-280.1	1189	OV1	2	1	1	0	105	53.4	1815	46	-13	16	-0.283	-0.813	2.875	9.2	20.00
29356	40.8344	117.5905	-278.9	1139	OV1	2	0	1	0	91	53.4	1892	52	-25	152	-0.481	-0.164	0.342	9.2	20.00
29357	40.8344	117.5901	-280.1	1096	OV1	2	0	1	0	97	53.4	1852	29	13	109	0.448	0.119	0.266	9.3	20.00
29358	40.8344	117.5896	-281.1	1054	OV1	2	0	1	0	99	52.9	1719	24	-6	77	-0.250	-0.078	0.312	9.3	20.00
29359	40.8344	117.5891	-283.0	1014	OV1	2	0	1	0	99	52.4	1660	18	21	113	1.167	0.186	0.159	9.3	20.00
29360	40.8344	117.5886	-282.7	1003	OV1	2	0	1	1	101	52.3	1651	1	19	72	19.000	0.264	0.014	9.3	20.00
29361	40.8344	117.5881	-281.6	1003	OV1	2	1	0	0	108	52.3	1674	39	59	-34	1.513	-1.735	-1.147	9.4	20.00
29362	40.8344	117.5876	-281.7	1038	OV1	2	0	0	0	96	52.7	1761	33	48	69	1.455	0.696	0.478	9.4	20.00
29363	40.8344	117.5871	-280.5	1075	OV1	2	1	1	1	94	53.1	1691	8	26	40	3.250	0.650	0.200	9.4	20.00
29364	40.8344	117.5866	-281.8	1103	OV1	2	0	1	0	104	53.4	1727	31	-8	71	-0.258	-0.113	0.437	9.4	20.00
29365	40.8344	117.5861	-279.7	1136	OV1	2	0	1	0	93	53.4	1748	21	15	102	0.714	0.147	0.206	9.4	20.00
29366	40.8344	117.5856	-279.3	1162	OV1	2	0	1	0	102	53.4	1888	44	-41	101	-0.932	-0.406	0.436	9.3	20.00
29367	40.8344	117.5851	-279.8	1180	OV1	2	0	1	0	105	53.4	1982	37	-14	74	-0.378	-0.189	0.500	9.3	20.00
29368	40.8344	117.5846	-277.5	1197	OV1	2	1	0	0	91	40.1	1972	31	94	0	3.032	94.000	31.000	9.2	20.00
29369	40.8345	117.5841	-275.1	1227	OV1	2	0	1	0	93	40.1	1850	39	-31	106	-0.795	-0.292	0.368	9.1	20.00
29370	40.8345	117.5836	-276.8	1250	QG	2	0	0	0	93	40.1	1998	26	61	62	2.346	0.984	0.419	9.0	20.00
29371	40.8345	117.5831	-275.5	1266	QG	2	1	0	1	107	40.1	2045	11	79	30	7.182	2.633	0.367	8.9	20.00
29372	40.8345	117.5826	-273.8	1303	QG	2	0	0	1	93	40.1	2062	8	67	72	8.375	0.931	0.111	8.9	20.00
29373	40.8345	117.5822	-274.0	1329	QG	2	0	0	1	101	40.1	2136	9	51	78	5.667	0.654	0.115	8.8	20.00
29374	40.8345	117.5817	-271.7	1345	QG	2	0	1	0	96	40.1	2232	83	-41	114	-0.494	-0.360	0.728	8.7	20.00
29375	40.8345	117.5812	-271.9	1363	QG	2	0	1	0	86	40.1	2168	51	-37	235	-0.725	-0.157	0.217	8.7	20.00
29376	40.8345	117.5807	-270.3	1353	QG	2	1	0	0	95	40.1	2320	57	70	11	1.228	6.364	5.182	8.7	20.00
29377	40.8345	117.5802	-269.9	1306	QG	2	0	0	0	92	40.1	2304	63	47	117	0.746	0.402	0.538	8.7	20.00
29378	40.8345	117.5797	-269.1	1282	QG	2	0	1	0	88	40.1	2227	58	-20	155	-0.345	-0.129	0.374	8.7	20.00
29379	40.8345	117.5792	-268.6	1268	QG	2	0	0	0	99	40.1	2422	28	64	129	2.286	0.496	0.217	8.6	20.00
29380	40.8345	117.5787	-267.9	1245	QG	2	0	0	0	90	40.1	2460	39	140	81	3.590	1.728	0.481	8.6	20.00
29381	40.8345	117.5782	-266.1	1232	QG	2	0	0	0	89	40.1	2769	90	48	209	0.533	0.230	0.431	8.6	20.00
29382	40.8345	117.5777	-266.5	1203	QG	2	0	0	0	95	40.1	2757	23	160	142	6.957	1.127	0.162	8.6	20.00
29383	40.8345	117.5772	-265.2	1188	QG	2	1	0	0	90	40.1	2745	68	156	25	2.294	6.240	2.720	8.6	20.00
29384	40.8345	117.5767	-264.1	1127	QG	2	0	0	0	92	40.1	3020	86	85	244	0.988	0.348	0.352	8.6	20.00
29385	40.8345	117.5762	-264.4	1069	QG	2	0	0	0	81	39.8	2968	75	171	173	2.280	0.988	0.434	8.6	20.00
29386	40.8345	117.5757	-265.5	1012	QG	2	0	0	0	84	39.3	3140	93	83	339	0.892	0.245	0.274	8.5	20.00
29387	40.8345	117.5752	-264.6	954	OV1	1	0	0	0	91	37.7	3019	118	71	231	0.602	0.307	0.511	8.5	20.00
29388	40.8345	117.5747	-263.9	903	OV1	1	0	0	0	96	37.2	3184	118	131	243	1.110	0.539	0.486	8.5	20.00
29389	40.8345	117.5742	-263.5	837	OV1	1	0	0	0	88	36.5	3183	103	199	199	1.932	1.000	0.518	8.4	20.00
29390	40.8345	117.5738	-262.4	779	OV1	1	0	0	0	92	35.9	3363	94	174	224	1.851	0.777	0.420	8.3	20.00
29391	40.8345	117.5733	-263.1	738	OV1	1	0	0	0	93	35.4	3243	103	183	205	1.777	0.893	0.502	8.4	20.00
29392	40.8345	117.5728	-262.3	725	OV1	1	0	0	0	102	35.2	3229	90	171	229	1.900	0.747	0.393	8.4	20.00
29393	40.8345	117.5723	-262.6	727	OV1	1	0	0	0	96	35.2	3328	92	226	271	2.457	0.834	0.339	8.4	20.00
29394	40.8345	117.5719	-262.5	727	OV1	1	0	0	0	93	35.2	3440	104	276	165	2.654	1.673	0.630	8.3	20.00
29395	40.8346	117.5714	-263.8	734	OV1	1	0	0	0	86	35.3	3344	97	220	179	2.268	1.229	0.542	8.3	20.00
29396	40.8346	117.5710	-265.7	731	OV1	1	0	0	0	87	35.3	3348	120	164	216	1.367	0.759	0.556	8.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
29397	40.8346	117.5706	-266.1	728	OV1	1	0	0	0	90	35.2	3398	106	198	246	1.868	0.805	0.431	8.2	20.00
29398	40.8347	117.5702	-267.3	741	OV1	1	0	0	0	81	35.4	3326	114	130	253	1.140	0.514	0.451	8.3	20.00
29399	40.8347	117.5698	-268.8	751	OV1	1	0	0	0	88	35.5	3351	93	227	217	2.441	1.046	0.429	8.4	20.00
29400	40.8347	117.5693	-270.9	754	OV1	1	0	0	0	76	35.6	3350	105	160	302	1.524	0.530	0.348	8.3	20.00
29401	40.8348	117.5689	-269.9	771	OV1	1	0	0	0	85	35.8	3301	92	197	193	2.141	1.021	0.477	8.3	20.00
29402	40.8348	117.5685	-269.9	788	OV1	1	0	0	0	88	36.0	3221	93	101	269	1.086	0.375	0.346	8.2	20.00
29403	40.8348	117.5681	-270.9	799	OV1	1	0	0	0	89	36.1	3093	97	121	224	1.247	0.540	0.433	8.2	20.00
29404	40.8349	117.5676	-272.1	817	OV1	1	0	0	0	81	36.3	3119	79	240	217	3.038	1.106	0.364	8.1	20.00
29405	40.8349	117.5672	-271.1	831	OV1	1	0	0	0	84	36.5	3135	102	124	237	1.216	0.523	0.430	8.1	20.00
29406	40.8349	117.5668	-269.4	841	OV1	1	0	0	0	88	37.1	3144	111	146	199	1.315	0.734	0.558	8.2	20.00
29407	40.8350	117.5664	-268.7	846	OV1	1	0	0	0	91	37.1	3170	105	110	286	1.048	0.385	0.367	8.2	20.00
29408	40.8350	117.5660	-268.1	840	OV1	1	0	0	0	89	37.0	3149	88	233	160	2.648	1.456	0.550	8.2	20.00
29409	40.8350	117.5655	-267.5	830	OV1	1	0	0	0	76	36.9	3239	127	137	235	1.079	0.583	0.540	8.3	20.00
29410	40.8350	117.5651	-265.8	814	OV1	1	0	0	0	90	36.8	3356	98	210	181	2.143	1.160	0.541	8.3	20.00
29411	40.8351	117.5647	-264.6	789	OV1	1	0	0	0	82	36.5	3395	82	198	265	2.415	0.747	0.309	8.4	20.00
29412	40.8351	117.5643	-264.9	763	OV1	1	0	0	0	85	36.1	3489	108	174	263	1.611	0.662	0.411	8.5	20.00
29413	40.8351	117.5639	-263.2	746	OV1	1	0	0	0	86	35.9	3390	107	227	175	2.121	1.297	0.611	8.6	20.00
29414	40.8352	117.5634	-261.4	726	OV1	1	0	0	0	88	35.7	3315	105	127	237	1.210	0.536	0.443	8.7	20.00
29415	40.8352	117.5630	-261.9	709	OV1	1	0	0	0	88	35.5	3497	114	122	309	1.070	0.395	0.369	8.7	20.00
29416	40.8352	117.5626	-262.1	703	OV1	1	0	0	0	78	35.4	3627	141	142	257	1.007	0.553	0.549	8.8	20.00
29417	40.8353	117.5622	-259.8	690	OV1	0	0	0	0	91	35.2	3667	106	229	311	2.160	0.736	0.341	9.0	20.00
29418	40.8353	117.5618	-260.4	667	OV1	0	0	0	0	80	34.9	3565	121	198	246	1.636	0.805	0.492	9.2	20.00
29419	40.8353	117.5613	-259.6	649	OV1	0	0	0	0	84	34.7	3482	138	122	246	0.884	0.496	0.561	9.3	20.00
29420	40.8354	117.5609	-258.4	631	OSR	0	0	0	0	93	34.4	3529	106	160	254	1.509	0.630	0.417	9.5	20.00
29421	40.8354	117.5605	-258.9	610	OSR	0	0	0	0	76	34.1	3524	121	257	213	2.124	1.207	0.568	9.7	20.00
29422	40.8354	117.5601	-259.3	603	OSR	0	0	0	0	79	34.0	3516	147	232	156	1.578	1.487	0.942	9.9	20.00
29423	40.8355	117.5597	-259.4	581	OSR	0	0	0	0	81	33.7	3560	131	143	296	1.092	0.483	0.443	10.0	20.00
29424	40.8355	117.5592	-259.5	575	OSR	0	0	0	0	73	33.6	3648	115	193	288	1.678	0.670	0.399	10.2	20.00
29425	40.8355	117.5588	-260.2	566	OSR	0	0	0	0	80	35.3	3486	110	225	198	2.045	1.136	0.556	10.4	20.00
29426	40.8356	117.5584	-261.2	547	OSR	0	0	0	0	75	34.9	3662	159	151	277	0.950	0.545	0.574	10.5	20.00
29427	40.8356	117.5580	-261.6	541	OSR	0	0	0	0	88	34.8	3631	96	223	298	2.323	0.748	0.322	10.6	20.00
29428	40.8356	117.5576	-262.1	535	OSR	0	0	0	0	87	34.7	3588	130	224	267	1.723	0.839	0.487	10.7	20.00
29429	40.8356	117.5571	-262.0	524	OSR	0	0	0	0	89	34.6	3627	117	249	210	2.128	1.186	0.557	10.9	20.00
29430	40.8357	117.5567	-262.5	514	OSR	0	0	0	0	83	34.4	3577	120	191	287	1.592	0.666	0.418	11.0	20.00
29431	40.8357	117.5563	-261.6	513	OSR	0	0	0	0	79	34.4	3624	127	225	280	1.772	0.804	0.454	11.1	20.00
29432	40.8357	117.5559	-262.8	503	OSR	0	0	0	0	83	34.2	3510	134	214	233	1.597	0.918	0.575	11.2	20.00
29433	40.8358	117.5555	-263.1	500	OSR	0	0	0	0	78	34.2	3433	117	225	249	1.923	0.904	0.470	11.4	20.00
29434	40.8358	117.5550	-264.0	499	OSR	0	0	0	0	84	34.1	3355	101	194	279	1.921	0.695	0.362	11.5	20.00
29435	40.8358	117.5546	-264.1	498	OSR	0	0	0	0	73	34.1	3345	121	172	230	1.421	0.748	0.526	11.6	20.00
29436	40.8359	117.5542	-266.2	499	OSR	0	0	0	0	75	34.1	3301	120	146	291	1.217	0.502	0.412	11.8	20.00
29437	40.8359	117.5538	-267.4	498	OSR	0	0	0	0	75	34.1	3170	113	194	183	1.717	1.060	0.617	11.9	20.00
29438	40.8359	117.5534	-268.0	497	OSR	0	0	0	0	78	34.1	3106	85	226	183	2.659	1.235	0.464	12.1	20.00
29439	40.8360	117.5529	-269.8	498	OSR	0	0	0	0	72	34.1	3039	95	216	160	2.274	1.350	0.594	12.3	20.00
29440	40.8360	117.5525	-270.7	496	OSR	0	0	0	0	78	34.1	2880	95	215	138	2.263	1.558	0.688	12.4	20.00
29441	40.8360	117.5521	-271.1	493	OSR	0	0	0	0	77	34.0	2762	93	119	204	1.280	0.583	0.456	12.6	20.00
29442	40.8361	117.5517	-270.5	487	OSR	0	0	0	0	77	33.9	2668	86	169	159	1.965	1.063	0.541	12.8	20.00
29443	40.8361	117.5513	-272.2	478	OSR	0	0	0	0	73	33.8	2607	64	151	209	2.359	0.722	0.306	13.0	20.00
29444	40.8361	117.5508	-271.9	466	OSR	0	0	0	0	85	28.9	2440	68	139	167	2.044	0.832	0.407	13.2	20.00
29445	40.8362	117.5504	-272.5	459	OSR	0	0	0	0	78	28.7	2377	56	222	94	3.964	2.362	0.596	13.4	20.00
29446	40.8362	117.5500	-273.2	460	OSR	0	0	0	0	84	28.8	2232	53	130	142	2.453	0.915	0.373	13.6	20.00
29447	40.8362	117.5496	-273.0	465	OSR	0	0	0	0	72	28.8	2173	51	117	148	2.294	0.791	0.345	13.8	20.00
29448	40.8362	117.5492	-271.3	469	OSR	0	0	0	0	81	28.9	2169	53	114	134	2.151	0.851	0.396	14.0	20.00
29449	40.8363	117.5487	-273.2	466	OSR	0	0	0	0	62	28.8	2090	51	52	189	1.020	0.275	0.270	14.1	20.00
29450	40.8363	117.5483	-272.6	464	OSR	0	0	0	0	74	28.8	2139	44	169	129	3.841	1.310	0.341	14.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
29451	40.8363	117.5479	-269.9	469	OSR	0	0	0	0	71	28.9	2055	46	101	156	2.196	0.647	0.295	14.4	20.00
29452	40.8364	117.5475	-268.0	470	OSR	0	0	0	0	72	28.9	2087	36	141	122	3.917	1.156	0.295	14.6	20.00
29453	40.8364	117.5471	-267.5	473	OSR	0	0	0	0	74	29.0	2084	53	63	173	1.189	0.364	0.306	14.8	20.00
29454	40.8364	117.5466	-266.2	475	OSR	0	0	0	0	78	29.0	2032	46	96	169	2.087	0.568	0.272	15.0	20.00
29455	40.8365	117.5462	-266.3	471	OSR	0	0	0	0	81	28.9	2116	40	186	101	4.650	1.842	0.396	15.2	20.00
29456	40.8365	117.5458	-264.2	467	OSR	0	0	0	0	75	28.9	2095	50	140	133	2.800	1.053	0.376	15.4	20.00
29457	40.8365	117.5454	-262.8	465	OSR	0	0	0	0	80	28.8	1993	42	156	97	3.714	1.608	0.433	15.6	20.00
29458	40.8366	117.5449	-262.6	467	OSR	0	0	0	0	69	28.9	1965	44	101	154	2.295	0.656	0.286	15.7	20.00
29459	40.8366	117.5445	-262.5	471	OSR	0	0	0	0	66	28.9	2003	55	31	184	0.564	0.168	0.299	15.8	20.00
29460	40.8366	117.5441	-262.3	476	OSR	0	0	0	0	91	29.0	2043	53	114	104	2.151	1.096	0.510	15.9	20.00
29461	40.8367	117.5437	-259.4	479	OSR	0	0	0	0	78	29.1	1923	47	117	117	2.489	1.000	0.402	16.0	20.00
29462	40.8367	117.5433	-260.0	483	OSR	0	0	0	0	68	29.1	1935	54	60	112	1.111	0.536	0.482	16.0	20.00
29463	40.8367	117.5428	-259.3	483	OSR	0	0	0	0	74	31.3	1945	60	53	131	0.883	0.405	0.458	16.1	20.00
29464	40.8368	117.5424	-258.4	482	OSR	0	0	0	0	67	31.3	2022	58	66	144	1.138	0.458	0.403	16.2	20.00
29465	40.8368	117.5420	-257.1	476	OSR	0	0	0	0	77	31.2	1929	52	61	140	1.173	0.436	0.371	16.3	20.00
29466	40.8368	117.5416	-256.3	469	OSR	0	0	0	0	84	31.0	1940	46	50	157	1.087	0.318	0.293	16.4	20.00
29467	40.8369	117.5412	-255.7	466	OSR	0	0	0	0	67	31.0	2035	42	103	164	2.452	0.628	0.256	16.4	20.00
29468	40.8369	117.5407	-256.8	461	OSR	0	0	0	0	74	30.9	2005	54	111	96	2.056	1.156	0.563	16.4	20.00
29469	40.8369	117.5403	-256.2	458	OSR	0	0	0	0	74	30.9	2019	52	90	139	1.731	0.647	0.374	16.4	20.00
29470	40.8369	117.5399	-254.8	451	OSR	0	0	0	0	79	30.8	1936	43	52	174	1.209	0.299	0.247	16.3	20.00
29471	40.8370	117.5395	-254.3	446	OSR	0	0	0	0	75	30.7	2093	56	80	143	1.429	0.559	0.392	16.4	20.00
29472	40.8370	117.5391	-253.4	440	OSR	0	0	0	0	75	30.6	2056	44	84	156	1.909	0.538	0.282	16.4	20.00
29473	40.8370	117.5386	-253.1	433	OSR	0	0	0	0	75	30.4	1996	47	87	143	1.851	0.608	0.329	16.4	20.00
29474	40.8371	117.5382	-250.7	430	OSR	0	0	0	0	77	30.4	1935	35	130	92	3.714	1.413	0.380	16.5	20.00
29475	40.8371	117.5378	-251.1	424	OSR	0	0	0	0	71	30.3	2043	51	96	145	1.882	0.662	0.352	16.5	20.00
29476	40.8371	117.5374	-250.8	416	OSR	0	0	0	0	79	30.2	2004	51	71	172	1.392	0.413	0.297	16.5	20.00
29477	40.8372	117.5370	-251.9	410	OSR	0	0	0	0	75	30.1	2065	48	100	149	2.083	0.671	0.322	16.5	20.00
29478	40.8372	117.5365	-251.9	400	OSR	0	0	0	0	75	29.9	2060	59	61	155	1.034	0.394	0.381	16.5	20.00
29479	40.8372	117.5361	-252.1	393	OSR	0	0	0	0	72	29.8	2017	55	65	161	1.182	0.404	0.342	16.5	20.00
29480	40.8373	117.5357	-253.7	392	OSR	0	0	0	0	73	29.7	2054	40	116	171	2.900	0.678	0.234	16.6	20.00
29481	40.8373	117.5353	-252.5	392	OSR	0	0	0	0	73	29.7	2103	68	94	119	1.382	0.790	0.571	16.6	20.00
29482	40.8373	117.5349	-252.1	395	OSR	0	0	0	0	71	31.8	2054	44	104	177	2.364	0.588	0.249	16.6	20.00
29483	40.8374	117.5344	-252.2	396	OSR	0	0	0	0	71	31.8	2081	60	48	189	0.800	0.254	0.317	16.7	20.00
29484	40.8374	117.5340	-251.8	397	OSR	0	0	0	0	65	31.8	2070	57	56	202	0.982	0.277	0.282	16.7	20.00
29485	40.8374	117.5336	-251.2	398	OSR	0	0	0	0	69	31.8	2056	46	81	193	1.761	0.420	0.238	16.7	20.00
29486	40.8375	117.5332	-250.0	398	OSR	0	0	0	0	79	31.8	2082	47	103	168	2.191	0.613	0.280	16.8	20.00
29487	40.8375	117.5328	-249.6	398	OSR	0	0	0	0	78	31.9	1946	53	67	161	1.264	0.416	0.329	16.9	20.00
29488	40.8375	117.5323	-249.0	398	OSR	0	0	0	0	76	31.9	1896	47	47	164	1.000	0.287	0.287	16.9	20.00
29489	40.8375	117.5319	-247.9	399	OSR	0	0	0	0	78	31.9	1902	54	32	166	0.593	0.193	0.325	16.8	20.00
29490	40.8376	117.5315	-246.7	397	OSR	0	0	0	0	70	31.8	1881	55	84	125	1.500	0.672	0.448	16.8	20.00
29491	40.8376	117.5311	-245.1	401	OSR	0	0	0	0	72	31.9	1924	57	48	139	0.842	0.345	0.410	16.8	20.00
29492	40.8376	117.5307	-242.7	403	OSR	0	0	0	0	70	31.9	1930	56	64	123	1.143	0.520	0.455	16.9	20.00
29493	40.8377	117.5302	-241.2	407	OSR	0	0	1	0	75	32.0	1903	72	5	138	0.069	0.036	0.522	16.9	20.00
29494	40.8377	117.5298	-239.8	411	OSR	0	0	0	0	75	32.1	1849	56	79	121	1.411	0.653	0.463	16.9	20.00
29495	40.8377	117.5294	-236.6	418	OSR	0	0	0	0	75	32.2	1905	45	126	90	2.800	1.400	0.500	16.9	20.00
29496	40.8378	117.5290	-234.2	425	OSR	0	0	0	0	72	32.3	2019	52	85	145	1.635	0.586	0.359	16.9	20.00
29497	40.8378	117.5286	-234.5	433	OSR	0	0	0	0	77	32.5	1886	55	59	125	1.073	0.472	0.440	16.9	20.00
29498	40.8378	117.5281	-233.2	443	OSR	0	0	0	0	70	32.7	2023	50	117	144	2.340	0.813	0.347	16.9	20.00
29499	40.8379	117.5277	-233.5	454	OSR	0	0	0	0	78	32.9	2041	59	95	135	1.610	0.704	0.437	17.0	20.00
29500	40.8379	117.5273	-232.7	466	OSR	0	0	0	0	69	33.1	1938	62	62	113	1.000	0.549	0.549	17.0	20.00
29501	40.8379	117.5269	-232.0	477	OSR	0	0	0	0	74	35.1	1949	51	42	163	0.824	0.258	0.313	17.1	20.00
29502	40.8380	117.5265	-233.8	486	EP1	0	0	0	0	70	35.2	2100	71	105	94	1.479	1.117	0.755	17.2	20.00
29503	40.8380	117.5260	-234.4	489	EP1	0	0	1	0	75	35.3	1960	64	26	154	0.406	0.169	0.416	17.2	20.00
29504	40.8380	117.5256	-234.2	492	EP1	0	0	0	0	71	35.4	2032	58	69	153	1.190	0.451	0.379	17.3	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
29505	40.8381	117.5252	-235.1	493	EP1	0	0	0	0	78	35.4	1926	31	62	157	2.000	0.395	0.197	17.3	20.00
29506	40.8381	117.5248	-233.7	496	EP1	0	0	0	0	69	35.4	2069	44	119	131	2.705	0.908	0.336	17.2	20.00
29507	40.8381	117.5244	-233.8	496	EP1	0	0	0	0	64	35.4	2067	36	152	126	4.222	1.206	0.286	17.3	20.00
29508	40.8381	117.5239	-235.4	495	EP1	0	0	0	0	72	35.4	2051	40	112	132	2.800	0.848	0.303	17.3	20.00
29509	40.8382	117.5235	-234.5	494	EP1	0	0	0	0	65	35.4	2110	56	62	178	1.107	0.348	0.315	17.4	20.00
29510	40.8382	117.5231	-233.9	491	EP1	0	0	0	0	77	35.3	1983	56	93	129	1.661	0.721	0.434	17.4	20.00
29511	40.8382	117.5227	-233.3	481	EP1	0	0	1	0	70	35.2	1999	60	19	169	0.317	0.112	0.355	17.4	20.00
29512	40.8383	117.5222	-232.5	471	EP1	0	0	0	0	71	35.0	1973	40	181	67	4.525	2.701	0.597	17.3	20.00
29513	40.8383	117.5218	-230.5	463	EP1	0	0	0	0	62	34.8	2115	50	129	152	2.580	0.849	0.329	17.3	20.00
29514	40.8383	117.5214	-227.9	455	EP1	0	0	0	0	71	34.7	2100	66	91	118	1.379	0.771	0.559	17.3	20.00
29515	40.8384	117.5210	-224.5	453	EP1	0	0	0	0	66	34.6	2075	32	187	126	5.844	1.484	0.254	17.3	20.00
29516	40.8384	117.5206	-224.6	453	EP1	0	0	0	0	79	34.6	2098	65	45	195	0.692	0.231	0.333	17.3	20.00
29517	40.8384	117.5201	-223.0	453	EP1	0	0	0	0	71	34.6	2079	68	77	137	1.132	0.562	0.496	17.3	20.00
29518	40.8385	117.5197	-221.1	453	EP1	0	0	0	0	72	34.6	2153	51	161	106	3.157	1.519	0.481	17.3	20.00
29519	40.8385	117.5193	-220.7	451	EP1	0	0	0	0	63	34.6	2076	52	66	174	1.269	0.379	0.299	17.4	20.00
29520	40.8385	117.5189	-219.1	446	EP1	0	0	0	0	69	30.2	2162	79	63	148	0.797	0.426	0.534	17.4	20.00
29521	40.8386	117.5185	-216.8	440	EP1	0	0	0	0	76	30.1	2118	56	106	131	1.893	0.809	0.427	17.4	20.00
29522	40.8386	117.5180	-216.2	432	EP1	0	0	0	0	77	30.0	2058	54	105	134	1.944	0.784	0.403	17.4	20.00
29523	40.8386	117.5176	-212.8	428	EP1	0	0	0	0	66	29.9	2173	71	51	173	0.718	0.295	0.410	17.4	20.00
29524	40.8387	117.5172	-209.7	425	EP1	0	0	0	0	72	29.9	2101	52	59	213	1.135	0.277	0.244	17.4	20.00
29525	40.8387	117.5168	-208.8	424	EP1	0	0	0	0	72	29.8	2103	46	166	124	3.609	1.339	0.371	17.4	20.00
29526	40.8387	117.5164	-207.4	425	EP1	0	0	0	0	71	29.9	2068	70	30	190	0.429	0.158	0.368	17.4	20.00
29527	40.8388	117.5159	-205.5	427	EP1	0	0	0	0	70	29.9	2108	60	153	127	2.550	1.205	0.472	17.5	20.00
29528	40.8388	117.5155	-203.3	433	EP1	0	0	0	0	60	30.0	2132	60	88	177	1.467	0.497	0.339	17.5	20.00
29529	40.8388	117.5151	-200.9	441	EP1	0	0	0	0	68	30.1	2111	52	95	154	1.827	0.617	0.338	17.6	20.00
29530	40.8388	117.5147	-200.2	445	EP1	0	0	0	0	67	30.2	2182	55	131	178	2.382	0.736	0.309	17.7	20.00
29531	40.8389	117.5143	-198.9	439	EP1	0	0	0	0	76	30.1	2082	56	68	188	1.214	0.362	0.298	17.7	20.00
29532	40.8389	117.5138	-196.4	442	EP1	0	0	0	0	72	30.1	2073	37	89	238	2.405	0.374	0.155	17.7	20.00
29533	40.8389	117.5134	-195.1	440	EP1	0	0	0	0	71	30.1	2051	55	82	135	1.491	0.607	0.407	17.7	20.00
29534	40.8390	117.5130	-193.0	437	EP1	0	0	0	0	68	30.1	2124	40	68	191	1.700	0.356	0.209	17.7	20.00
29535	40.8390	117.5126	-191.1	441	EP1	0	0	0	0	73	30.1	2107	53	124	121	2.340	1.025	0.438	17.7	20.00
29536	40.8390	117.5122	-188.4	442	EP1	0	0	0	0	71	30.1	2068	54	96	160	1.778	0.600	0.337	17.7	20.00
29537	40.8391	117.5117	-185.5	445	EP1	0	0	0	0	64	30.2	2046	33	128	177	3.879	0.723	0.186	17.7	20.00
29538	40.8391	117.5113	-184.8	450	EP1	0	0	0	0	65	30.3	2078	60	62	197	1.033	0.315	0.305	17.7	20.00
29539	40.8391	117.5109	-183.1	457	EP1	0	0	0	0	64	34.4	2145	61	117	151	1.918	0.775	0.404	17.8	20.00
29540	40.8392	117.5105	-181.6	463	EP1	0	0	0	0	72	34.5	2037	41	98	159	2.390	0.616	0.258	17.8	20.00
29541	40.8392	117.5101	-181.7	470	EP1	0	0	0	0	66	34.7	2079	56	110	141	1.964	0.780	0.397	17.9	20.00
29542	40.8392	117.5096	-180.6	468	EP1	0	0	0	0	68	34.6	2080	40	138	128	3.450	1.078	0.313	17.9	20.00
29543	40.8393	117.5092	-181.5	466	EP1	0	0	0	0	61	34.6	2164	54	136	137	2.519	0.993	0.394	17.9	20.00
29544	40.8393	117.5088	-182.3	466	EP1	0	0	0	0	66	34.6	2097	49	112	127	2.286	0.882	0.386	17.9	20.00
29545	40.8393	117.5084	-181.9	469	EP1	0	0	0	0	67	34.6	2129	56	104	141	1.857	0.738	0.397	17.9	20.00
29546	40.8394	117.5080	-184.2	478	EP1	0	0	0	0	68	34.8	2028	47	106	171	2.255	0.620	0.275	17.9	20.00
29547	40.8394	117.5075	-186.1	475	EP1	0	0	0	0	64	34.7	2158	72	35	203	0.486	0.172	0.355	17.9	20.00
29548	40.8394	117.5071	-188.5	472	EP1	0	0	0	0	69	34.7	2088	75	38	176	0.507	0.216	0.426	17.9	20.00
29549	40.8394	117.5067	-189.8	471	EP1	0	0	0	0	72	34.7	2085	48	47	208	0.979	0.226	0.231	17.8	20.00
29550	40.8395	117.5063	-190.2	467	EP1	0	0	0	0	67	34.6	2208	62	118	174	1.903	0.678	0.356	17.8	20.00
29551	40.8395	117.5059	-190.6	462	EP1	0	0	0	0	63	34.5	2088	49	93	171	1.898	0.544	0.287	17.9	20.00
29552	40.8395	117.5054	-190.5	455	EP1	0	0	0	0	70	34.4	2138	57	99	142	1.737	0.697	0.401	17.8	20.00
29553	40.8396	117.5050	-188.8	442	EP1	0	0	0	0	61	34.1	2096	68	141	100	2.074	1.410	0.680	17.7	20.00
29554	40.8396	117.5046	-187.7	435	EP1	0	0	0	0	67	34.0	2127	60	143	152	2.383	0.941	0.395	17.8	20.00
29555	40.8396	117.5042	-186.3	433	EP1	0	0	0	0	73	34.0	2129	60	35	173	0.583	0.202	0.347	17.8	20.00
29556	40.8397	117.5038	-185.1	435	EP1	0	0	0	0	73	34.0	2100	43	122	152	2.837	0.803	0.283	17.9	20.00
29557	40.8397	117.5033	-184.4	448	EP1	0	0	0	0	73	34.3	2142	61	57	177	0.934	0.322	0.345	17.9	20.00
29558	40.8397	117.5029	-186.7	454	EP1	0	0	0	0	69	37.1	2068	69	30	184	0.435	0.163	0.375	17.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
29559	40.8398	117.5025	-188.1	449	EP1	0	0	0	0	70	37.0	2148	56	114	138	2.036	0.826	0.406	17.7	20.00
29560	40.8398	117.5021	-191.0	445	EP1	0	0	1	0	66	36.9	2034	63	8	177	0.127	0.045	0.356	17.7	20.00
29561	40.8398	117.5017	-194.1	446	EP1	0	0	0	0	70	37.0	2058	64	38	180	0.594	0.211	0.356	17.7	20.00
29562	40.8399	117.5012	-195.2	451	EP1	0	0	0	0	68	37.1	2163	41	128	170	3.122	0.753	0.241	17.7	20.00
29563	40.8399	117.5008	-197.2	454	EP1	0	0	0	0	66	37.1	2393	60	95	238	1.583	0.399	0.252	17.7	20.00
29564	40.8399	117.5004	-199.0	439	EP1	0	0	0	0	61	36.8	2559	75	106	228	1.413	0.465	0.329	17.7	20.00
29565	40.8400	117.5000	-200.3	415	EP1	0	0	0	0	68	36.3	2544	69	133	216	1.928	0.616	0.319	17.7	20.00
29566	40.8400	117.4995	-201.6	392	EP1	0	0	0	0	71	35.8	2558	68	55	278	0.809	0.198	0.245	17.7	20.00
29567	40.8400	117.4991	-203.1	368	EP1	0	0	0	0	72	35.3	2504	67	88	227	1.313	0.388	0.295	17.7	20.00
29568	40.8400	117.4987	-203.5	341	EP1	0	0	0	0	69	34.7	2525	81	87	215	1.074	0.405	0.377	17.8	20.00
29569	40.8401	117.4983	-203.2	333	EP1	0	0	0	0	67	34.5	2519	73	75	248	1.027	0.302	0.294	17.8	20.00
29570	40.8401	117.4979	-205.7	340	EP1	0	0	0	0	69	34.7	2507	79	60	284	0.759	0.211	0.278	17.7	20.00
29571	40.8401	117.4974	-207.4	361	EP1	0	0	0	0	67	35.2	2537	62	193	172	3.113	1.122	0.360	17.7	20.00
29572	40.8402	117.4970	-208.3	388	EP1	0	0	0	0	65	35.7	2538	76	109	240	1.434	0.454	0.317	17.7	20.00
29573	40.8402	117.4966	-209.9	413	EP1	0	0	0	0	72	36.3	2604	63	178	197	2.825	0.904	0.320	17.7	20.00
29574	40.8402	117.4962	-210.9	434	EP1	0	0	0	0	71	36.7	2538	74	82	254	1.108	0.323	0.291	17.6	20.00
29575	40.8403	117.4958	-212.2	465	EP1	0	0	0	0	70	37.3	2546	43	95	283	2.209	0.336	0.152	17.7	20.00
29576	40.8403	117.4953	-210.9	488	EP1	0	0	0	0	81	37.8	2610	85	92	206	1.082	0.447	0.413	17.6	20.00
29577	40.8403	117.4949	-210.2	498	EP1	0	0	0	0	64	45.4	2696	65	214	175	3.292	1.223	0.371	17.5	20.00
29578	40.8404	117.4945	-209.0	500	EP1	0	0	0	0	64	45.4	2460	67	123	181	1.836	0.680	0.370	17.5	20.00
29579	40.8404	117.4941	-207.3	533	EP1	0	0	0	0	65	46.1	2612	78	124	190	1.590	0.653	0.411	17.5	20.00
29580	40.8404	117.4937	-204.4	509	EP1	0	0	0	0	65	45.6	2530	53	171	169	3.226	1.012	0.314	17.4	20.00
29581	40.8405	117.4932	-200.0	508	EP1	0	0	0	0	63	45.6	2310	67	57	190	0.851	0.300	0.353	17.3	20.00
29582	40.8405	117.4928	-194.9	505	EP1	0	0	0	0	76	45.5	2328	54	49	226	0.907	0.217	0.239	17.3	20.00
29583	40.8405	117.4924	-187.3	499	EP1	0	0	0	0	73	45.4	2265	46	83	213	1.804	0.390	0.216	17.3	20.00
29584	40.8406	117.4920	-177.2	497	EP1	0	0	0	0	67	45.3	2265	55	63	234	1.145	0.269	0.235	17.3	20.00
29585	40.8406	117.4916	-162.1	486	EP1	0	0	0	0	72	45.1	2151	39	144	139	3.692	1.036	0.281	17.4	20.00
29586	40.8406	117.4911	-145.4	470	EP1	0	0	0	0	69	44.7	2248	69	107	121	1.551	0.884	0.570	17.3	20.00
29587	40.8406	117.4907	-130.4	452	EP1	0	0	0	0	70	44.3	2159	52	91	183	1.750	0.497	0.284	17.3	20.00
29588	40.8407	117.4903	-118.8	444	EP1	0	0	0	0	72	44.1	2210	78	50	191	0.641	0.262	0.408	17.3	20.00
29589	40.8407	117.4899	-111.4	451	EP1	0	0	1	0	62	44.3	2222	71	20	194	0.282	0.103	0.366	17.3	20.00
29590	40.8407	117.4895	-110.2	456	EP1	0	0	0	0	65	44.4	2300	41	154	168	3.756	0.917	0.244	17.2	20.00
29591	40.8408	117.4890	-112.2	436	EP1	0	0	0	0	66	43.9	2182	67	62	154	0.925	0.403	0.435	17.1	20.00
29592	40.8408	117.4886	-116.3	433	EP1	0	0	0	0	58	43.8	2263	70	76	171	1.086	0.444	0.409	17.1	20.00
29593	40.8408	117.4882	-123.0	431	EP1	0	0	0	0	61	43.8	2172	40	107	174	2.675	0.615	0.230	17.0	20.00
29594	40.8409	117.4878	-128.8	427	EP1	0	0	0	0	60	43.7	2289	63	54	198	0.857	0.273	0.318	17.0	20.00
29595	40.8409	117.4874	-133.8	423	EP1	0	0	0	0	68	43.6	2269	59	56	202	0.949	0.277	0.292	16.9	20.00
29596	40.8409	117.4869	-137.5	411	EP1	0	0	0	0	68	41.9	2255	90	44	155	0.489	0.284	0.581	16.9	20.00
29597	40.8410	117.4865	-139.4	405	EP1	0	0	0	0	69	41.8	2216	71	59	177	0.831	0.333	0.401	16.8	20.00
29598	40.8410	117.4861	-142.0	404	EP1	0	0	0	0	61	41.8	2216	60	83	182	1.383	0.456	0.330	16.8	20.00
29599	40.8410	117.4857	-145.8	406	EP1	0	0	0	0	72	41.8	2293	55	145	194	2.636	0.747	0.284	16.7	20.00
29600	40.8411	117.4853	-152.9	413	EP1	0	0	0	0	68	42.0	2318	47	102	216	2.170	0.472	0.218	16.7	20.00
29601	40.8411	117.4848	-162.7	418	EP1	0	0	0	0	64	42.1	2247	58	100	178	1.724	0.562	0.326	16.6	20.00
29602	40.8411	117.4844	-172.2	429	EP1	0	0	0	0	69	42.4	2283	53	152	179	2.868	0.849	0.296	16.6	20.00
*29603	40.8412	117.4840	-183.7	451	QOA1	0	0	0	0	66	42.9	2264	53	71	219	1.340	0.324	0.242	16.5	20.00
29604	40.8412	117.4836	-197.1	465	QOA1	0	0	0	0	71	43.2	2198	57	72	208	1.263	0.346	0.274	16.4	20.00
29605	40.8412	117.4832	-213.3	460	QOA1	0	0	0	0	66	43.1	2172	71	102	148	1.437	0.639	0.480	16.3	20.00
29606	40.8413	117.4827	-230.0	443	QOA1	0	0	0	0	77	42.7	2088	53	95	156	1.792	0.609	0.340	16.2	20.00
29607	40.8413	117.4823	-247.4	439	QOA1	0	0	0	0	71	42.6	2065	60	97	143	1.617	0.678	0.420	16.1	20.00
29608	40.8413	117.4819	-260.6	430	QOA1	0	0	0	0	73	42.4	2081	64	91	119	1.422	0.765	0.538	16.0	20.00
29609	40.8413	117.4815	-264.0	430	QOA1	0	0	0	0	70	42.4	2082	57	41	181	0.719	0.227	0.315	16.0	20.00
29610	40.8414	117.4811	-257.1	427	QOA1	0	0	0	0	70	42.3	2082	42	96	170	2.286	0.565	0.247	15.9	20.00
29611	40.8414	117.4806	-251.5	428	QOA1	0	0	0	0	65	42.3	2107	48	93	154	1.938	0.604	0.312	15.9	20.00
29612	40.8414	117.4802	-245.1	430	QOA1	0	0	0	0	70	42.4	2124	54	38	225	0.704	0.169	0.240	15.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
29613	40.8415	117.4798	-240.7	420	QOA1	0	0	0	0	75	42.1	2020	63	34	164	0.540	0.207	0.384	15.8	20.00
29614	40.8415	117.4794	-237.4	416	QOA1	0	0	0	0	66	42.0	2179	47	119	159	2.532	0.748	0.296	15.8	20.00
29615	40.8415	117.4790	-236.8	405	QOA1	0	0	0	0	70	37.9	2062	57	92	153	1.614	0.601	0.373	15.8	20.00
29616	40.8416	117.4785	-239.0	395	QOA1	0	0	0	0	65	37.7	1997	56	54	155	0.964	0.348	0.361	15.8	20.00
29617	40.8416	117.4781	-243.2	390	QOA1	0	0	0	0	71	37.6	2178	58	100	146	1.724	0.685	0.397	15.8	20.00
29618	40.8416	117.4777	-246.6	385	QOA1	0	0	0	0	68	37.5	2092	51	122	144	2.392	0.847	0.354	15.8	20.00
29619	40.8417	117.4773	-247.7	383	QOA1	0	0	0	0	75	37.4	2140	53	101	159	1.906	0.635	0.333	15.8	20.00
29620	40.8417	117.4768	-247.3	379	QOA1	0	0	0	0	63	37.3	2105	59	81	177	1.373	0.458	0.333	15.7	20.00
29621	40.8417	117.4764	-246.0	373	QOA1	0	0	0	0	68	37.2	2009	43	110	155	2.558	0.710	0.277	15.7	20.00
29622	40.8418	117.4760	-243.4	363	QOA1	0	0	0	0	72	37.0	1932	48	51	163	1.063	0.313	0.294	15.6	20.00
29623	40.8418	117.4756	-241.1	357	QOA1	0	0	0	0	75	36.8	2003	49	76	176	1.551	0.432	0.278	15.6	20.00
29624	40.8418	117.4752	-239.5	349	QOA1	0	0	0	0	62	36.6	1893	48	101	152	2.104	0.664	0.316	15.5	20.00
29625	40.8419	117.4747	-237.4	345	QOA1	0	0	0	0	62	36.5	1913	62	43	150	0.694	0.287	0.413	15.5	20.00
29626	40.8419	117.4743	-235.0	345	QOA1	0	0	0	0	78	36.5	2082	45	195	141	4.333	1.383	0.319	15.5	20.00
29627	40.8419	117.4739	-231.6	348	QOA1	0	0	0	0	67	36.6	2022	53	71	199	1.340	0.357	0.266	15.4	20.00
29628	40.8419	117.4735	-228.5	350	QOA1	0	0	0	0	62	36.6	1982	38	165	120	4.342	1.375	0.317	15.3	20.00
29629	40.8419	117.4730	-225.3	357	QOA1	0	0	0	0	69	36.8	2026	57	70	160	1.228	0.438	0.356	15.3	20.00
29630	40.8419	117.4725	-222.6	362	QOA1	0	0	0	0	66	36.9	2028	41	104	144	2.537	0.722	0.285	15.2	20.00
29631	40.8419	117.4719	-221.2	363	QOA1	0	0	0	0	66	36.9	1942	51	67	150	1.314	0.447	0.340	15.2	20.00
29632	40.8419	117.4714	-220.0	363	QOA1	0	0	0	0	68	36.9	1973	44	111	166	2.523	0.669	0.265	15.2	20.00
29633	40.8419	117.4709	-217.7	363	QOA1	0	0	0	0	68	37.0	1976	46	91	173	1.978	0.526	0.266	15.2	20.00
29634	40.8419	117.4704	-214.7	364	QOA1	0	0	0	0	63	32.9	1982	53	115	147	2.170	0.782	0.361	15.2	20.00
29635	40.8419	117.4699	-211.1	365	QOA1	0	0	0	0	70	33.0	1932	48	97	168	2.021	0.577	0.286	15.0	20.00
29636	40.8419	117.4693	-206.7	369	QOA1	0	0	0	0	71	33.0	1973	58	89	130	1.534	0.685	0.446	15.0	20.00
29637	40.8418	117.4688	-203.5	376	QOA1	0	0	0	0	72	33.2	2031	48	117	149	2.438	0.785	0.322	15.0	20.00
29638	40.8418	117.4683	-196.8	384	QOA1	0	0	0	0	66	33.3	1996	33	71	189	2.152	0.376	0.175	14.9	20.00
29639	40.8418	117.4678	-193.6	387	QOA1	0	0	0	0	69	33.4	1889	50	118	118	2.360	1.000	0.424	14.8	20.00
29640	40.8418	117.4673	-193.2	391	QOA1	0	0	0	0	65	33.5	1931	34	99	173	2.912	0.572	0.197	14.8	20.00
29641	40.8418	117.4668	-194.0	394	QOA1	0	0	0	0	81	33.5	1974	60	38	149	0.633	0.255	0.403	14.8	20.00
29642	40.8418	117.4662	-196.9	394	QOA1	0	0	0	0	67	33.5	1989	61	76	142	1.246	0.535	0.430	14.6	20.00
29643	40.8418	117.4657	-201.8	390	QOA1	0	0	0	0	68	33.5	1992	55	95	146	1.727	0.651	0.377	14.6	20.00
29644	40.8418	117.4652	-209.6	388	QOA1	0	0	0	0	79	33.4	1975	34	136	165	4.000	0.824	0.206	14.5	20.00
29645	40.8418	117.4647	-220.7	391	QOA1	0	0	0	0	68	33.5	2040	54	58	191	1.074	0.304	0.283	14.5	20.00
29646	40.8417	117.4642	-234.3	398	QOA1	0	0	0	0	72	33.6	2025	58	91	161	1.569	0.565	0.360	14.5	20.00
29647	40.8417	117.4637	-248.3	410	QOA1	0	0	1	0	71	33.8	1969	46	14	223	0.304	0.063	0.206	14.5	20.00
29648	40.8417	117.4631	-261.1	413	QOA1	0	0	0	0	76	33.9	2001	57	78	168	1.368	0.464	0.339	14.5	20.00
29649	40.8417	117.4626	-273.6	399	QOA1	0	0	0	0	81	33.6	1959	29	105	157	3.621	0.669	0.185	14.4	20.00
29650	40.8417	117.4621	-283.1	383	QOA1	0	0	0	0	67	33.3	1973	34	110	178	3.235	0.618	0.191	14.4	20.00
29651	40.8417	117.4616	-288.9	380	QOA1	0	0	0	0	73	33.3	1901	53	92	136	1.736	0.676	0.390	14.4	20.00
29652	40.8417	117.4611	-292.5	389	QOA1	0	0	0	0	66	33.4	1951	41	70	172	1.707	0.407	0.238	14.4	20.00
29653	40.8417	117.4605	-293.5	394	QOA1	0	0	0	0	80	27.2	1958	49	84	138	1.714	0.609	0.355	14.3	20.00
29654	40.8417	117.4600	-296.0	385	QOA1	0	0	0	0	70	27.0	1933	43	99	173	2.302	0.572	0.249	14.3	20.00
29655	40.8416	117.4595	-296.1	381	QOA1	0	0	0	0	75	27.0	1937	41	78	149	1.902	0.523	0.275	14.2	20.00
29656	40.8416	117.4590	-296.7	383	QOA1	0	0	0	0	67	27.0	1906	19	125	171	6.579	0.731	0.111	14.2	20.00
29657	40.8416	117.4585	-296.1	381	QOA1	0	0	0	0	72	27.0	1894	39	110	138	2.821	0.797	0.283	14.1	20.00
29658	40.8416	117.4580	-297.4	389	QOA1	0	0	0	0	77	27.1	1904	44	109	121	2.477	0.901	0.364	14.0	20.00
29659	40.8416	117.4574	-300.2	398	QOA1	0	0	0	0	69	27.2	1966	50	112	137	2.240	0.818	0.365	14.0	20.00
29660	40.8416	117.4569	-302.2	405	QOA1	0	0	0	0	75	27.4	1907	49	53	160	1.082	0.331	0.306	13.9	20.00
29661	40.8416	117.4564	-304.0	417	QOA1	0	0	0	0	71	27.5	2001	54	83	189	1.537	0.439	0.286	13.8	20.00
29662	40.8416	117.4559	-303.4	438	QOA1	0	0	0	0	76	27.9	1898	47	72	180	1.532	0.400	0.261	13.7	20.00
29663	40.8416	117.4554	-300.5	466	QOA1	0	0	0	0	70	28.3	2026	38	127	177	3.342	0.718	0.215	13.7	20.00
29664	40.8416	117.4549	-299.7	463	QOA1	0	0	0	0	74	28.2	1939	48	67	157	1.396	0.427	0.306	13.6	20.00
29665	40.8415	117.4543	-300.0	461	QOA1	0	0	0	0	73	28.2	1910	35	147	119	4.200	1.235	0.294	13.4	20.00
29666	40.8415	117.4538	-299.4	454	QOA1	0	0	0	0	65	28.1	1967	30	97	176	3.233	0.551	0.170	13.3	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
29667	40.8415	117.4533	-298.6	445	QOA1	0	0	0	0	72	28.0	1873	28	80	161	2.857	0.497	0.174	13.1	20.00
29668	40.8415	117.4528	-294.3	434	QOA1	0	0	0	0	74	27.8	1896	44	68	151	1.545	0.450	0.291	13.0	20.00
29669	40.8415	117.4523	-287.3	419	QOA1	0	0	0	0	75	27.6	1794	50	43	1[illegible]	0.860	0.285	0.331	12.8	20.00
29670	40.8415	117.4517	-277.2	413	QOA1	0	0	0	0	76	27.5	1761	33	53	147	1.606	0.361	0.224	12.7	20.00
29671	40.8415	117.4512	-268.2	431	QOA1	0	0	0	0	71	27.8	1803	35	103	119	2.943	0.866	0.294	12.6	20.00
29672	40.8415	117.4507	-257.0	465	QOA1	0	0	0	0	71	21.1	1924	37	143	110	3.865	1.300	0.336	12.5	20.00
29673	40.8415	117.4502	-246.7	483	QOA1	0	0	0	0	78	21.3	1899	39	40	191	1.026	0.209	0.204	12.4	20.00
29674	40.8414	117.4497	-238.8	482	QOA1	0	0	0	0	70	21.3	1871	36	131	123	3.639	1.065	0.293	12.4	20.00
29675	40.8414	117.4492	-232.3	472	QOA1	0	0	0	0	77	21.2	1816	38	128	122	3.368	1.049	0.311	12.2	20.00
29676	40.8414	117.4486	-228.0	452	QOA1	0	0	0	0	78	21.0	1844	37	105	161	2.838	0.652	0.230	12.1	20.00
29677	40.8414	117.4481	-223.1	432	QOA1	0	0	0	0	80	20.7	1761	31	54	185	1.742	0.292	0.168	11.9	20.00
29678	40.8414	117.4476	-220.9	409	QOA1	0	0	0	0	71	20.5	1797	35	92	164	2.629	0.561	0.213	11.9	20.00
29679	40.8414	117.4471	-217.6	389	QOA1	0	0	0	0	82	20.2	1633	30	72	124	2.400	0.581	0.242	11.9	20.00
29680	40.8414	117.4466	-215.8	378	QOA1	0	0	1	0	68	20.1	1710	63	12	147	0.190	0.082	0.429	11.8	20.00
29681	40.8414	117.4461	-213.0	394	QOA1	0	0	0	0	69	20.3	1707	30	61	185	2.033	0.330	0.162	11.7	20.00
29682	40.8414	117.4455	-211.1	437	QOA1	0	0	0	0	80	20.8	1793	31	89	159	2.871	0.560	0.195	11.6	20.00
29683	40.8413	117.4450	-208.3	482	QOA1	0	0	0	0	78	21.3	1774	24	130	105	5.417	1.238	0.229	11.4	20.00
29684	40.8413	117.4445	-205.3	499	QOA1	0	0	0	0	82	21.5	1774	19	91	133	4.789	0.684	0.143	11.3	20.00
29685	40.8413	117.4440	-203.0	543	QOA1	0	0	0	0	75	22.0	1897	32	83	149	2.594	0.557	0.215	11.2	20.00
29686	40.8413	117.4435	-199.6	608	QOA1	0	0	0	0	76	22.6	2010	37	128	126	3.459	1.016	0.294	11.2	20.00
29687	40.8413	117.4429	-196.4	646	QOA1	0	0	0	0	79	23.0	2007	53	59	126	1.113	0.468	0.421	11.1	20.00
29688	40.8413	117.4424	-192.3	668	QOA1	0	0	0	0	72	23.2	2060	58	68	128	1.172	0.531	0.453	10.9	20.00
29689	40.8413	117.4419	-188.5	686	QOA1	0	0	0	0	86	23.3	1918	38	53	149	1.395	0.356	0.255	10.8	20.00
29690	40.8413	117.4414	-184.2	705	QOA1	1	0	1	0	82	23.5	1967	56	19	179	0.339	0.106	0.313	10.7	20.00
29691	40.8413	117.4409	-180.3	709	QOA1	1	0	0	0	76	18.8	2072	59	46	153	0.780	0.301	0.386	10.7	20.00
29692	40.8412	117.4404	-176.1	712	QOA1	1	0	0	0	79	18.8	1909	49	90	106	1.837	0.849	0.462	10.6	20.00
29693	40.8412	117.4398	-172.0	735	QOA1	1	0	0	0	84	18.9	1827	25	146	66	5.840	2.212	0.379	10.6	20.00
29694	40.8412	117.4393	-166.6	746	QOA1	1	0	0	0	76	19.0	1874	47	43	125	0.915	0.344	0.376	10.6	20.00
29695	40.8412	117.4388	-163.0	758	QOA1	1	0	1	0	71	19.1	1910	60	5	143	0.083	0.035	0.420	10.5	20.00
29696	40.8412	117.4383	-160.0	778	QOA1	1	0	0	0	72	19.2	2001	42	61	158	1.452	0.386	0.266	10.4	20.00
29697	40.8412	117.4378	-155.0	792	QOA1	1	0	0	0	78	19.3	1959	45	113	95	2.511	1.189	0.474	10.4	20.00
29698	40.8412	117.4373	-151.3	797	QOA1	1	0	0	0	78	19.3	2014	32	78	170	2.438	0.459	0.188	10.3	20.00
29699	40.8412	117.4367	-147.2	792	TKG	1	0	0	0	72	19.3	1905	20	127	99	6.350	1.283	0.202	10.2	20.00
29700	40.8412	117.4362	-143.0	798	TKG	1	0	0	0	72	19.3	1993	48	74	169	1.542	0.438	0.284	10.1	20.00
29701	40.8411	117.4357	-136.2	812	TKG	1	0	0	0	75	19.4	1955	36	54	220	1.500	0.245	0.164	10.1	20.00
29702	40.8411	117.4352	-130.8	814	TKG	1	0	0	0	77	19.4	1899	47	74	142	1.574	0.521	0.331	10.0	20.00
29703	40.8411	117.4347	-123.2	813	TKG	1	0	0	0	71	19.4	1917	23	111	137	4.826	0.810	0.168	10.0	20.00
29704	40.8411	117.4342	-116.5	789	TKG	1	0	0	0	71	19.3	1941	37	104	142	2.811	0.732	0.261	10.0	20.00
29705	40.8411	117.4336	-108.5	737	TKG	1	0	1	0	77	19.0	1885	36	13	190	0.361	0.068	0.189	10.0	20.00
29706	40.8411	117.4331	-98.9	678	TKG	0	0	0	0	74	18.6	1827	35	68	152	1.889	0.447	0.237	10.0	20.00
29707	40.8411	117.4326	-89.9	629	TKG	0	0	0	0	72	18.2	1810	30	101	131	3.367	0.771	0.229	10.1	20.00
29708	40.8411	117.4321	-79.5	577	TKG	0	0	0	0	79	17.8	1763	23	62	122	2.696	0.508	0.189	10.1	20.00
29709	40.8411	117.4316	-66.6	546	TKG	0	0	0	0	69	17.5	1708	34	38	162	1.118	0.235	0.210	10.2	20.00
29710	40.8410	117.4310	-53.2	514	IPP1	0	0	0	0	71	18.5	1640	28	90	102	3.214	0.882	0.275	10.2	20.00
*29711	40.8410	117.4305	-40.2	498	IPP1	0	0	0	0	64	18.3	1587	24	83	118	3.458	0.703	0.203	10.2	20.00
29712	40.8410	117.4300	-28.0	497	IPP1	0	0	0	0	67	18.3	1604	27	98	118	3.630	0.831	0.229	10.3	20.00
29713	40.8410	117.4295	-18.1	498	IPP1	0	0	0	0	70	18.3	1648	20	94	130	4.700	0.723	0.154	10.2	20.00
29714	40.8410	117.4290	-10.5	499	IPP1	0	0	0	0	73	18.3	1474	14	48	143	3.429	0.336	0.098	10.2	20.00
29715	40.8410	117.4285	-8.6	503	IPP1	0	0	0	0	71	18.4	1511	17	65	142	3.824	0.458	0.120	10.3	20.00
29716	40.8410	117.4279	-12.4	505	IPP1	0	0	0	0	72	18.4	1529	17	45	123	2.647	0.366	0.138	10.3	20.00
29717	40.8410	117.4274	-21.7	507	IPP1	0	0	0	0	67	18.4	1494	21	48	129	2.286	0.372	0.163	10.3	20.00
29718	40.8410	117.4269	-34.9	526	IPP1	0	0	0	0	69	18.6	1615	17	87	148	5.118	0.588	0.115	10.3	20.00
29719	40.8409	117.4264	-50.8	524	IPP1	0	0	0	0	63	18.6	1570	19	87	98	4.579	0.888	0.194	10.3	20.00
29720	40.8409	117.4259	-62.9	500	IPP1	0	0	0	0	69	18.3	1572	28	89	110	3.179	0.809	0.255	10.3	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	IL	BI	K	BI:IL	BI:K	IL:K	TEMP	BP
29721	40.8409	117.4254	-76.3	491	IPP1	0	0	0	0	66	18.3	1595	37	55	115	1.486	0.478	0.322	10.4	20.00
29722	40.8409	117.4248	-87.9	464	IPP1	0	0	1	0	76	18.0	1545	33	11	143	0.333	0.077	0.231	10.4	20.00
29723	40.8409	117.4243	-99.1	424	IPP1	0	0	0	0	66	17.6	1546	42	85	79	2.024	1.076	0.532	10.5	20.00
29724	40.8409	117.4238	-110.1	404	IPP1	0	0	0	0	61	17.4	1551	33	67	139	2.030	0.482	0.237	10.6	20.00
29725	40.8409	117.4233	-127.9	411	IPP1	0	0	0	0	76	17.5	1445	21	108	64	5.143	1.688	0.328	10.7	20.00
29726	40.8409	117.4228	-148.2	446	IPP1	0	0	0	0	71	17.8	1486	24	43	142	1.792	0.303	0.169	10.7	20.00
29727	40.8409	117.4222	-167.3	483	IPP1	0	0	0	0	72	18.2	1580	26	26	165	1.000	0.158	0.158	10.8	20.00
29728	40.8408	117.4217	-187.0	498	IPP1	0	0	0	0	72	18.3	1478	14	40	126	2.857	0.317	0.111	10.8	20.00
29729	40.8408	117.4212	-205.7	518	IPP1	0	0	0	0	71	29.8	1581	24	61	124	2.542	0.492	0.194	10.9	20.00
29730	40.8408	117.4207	-227.2	533	IPP1	0	0	1	0	71	30.0	1596	39	16	126	0.410	0.127	0.310	10.9	20.00
29731	40.8408	117.4202	-251.5	537	IPP1	0	0	0	0	64	30.0	1595	30	40	138	1.333	0.290	0.217	10.9	20.00
29732	40.8408	117.4197	-275.9	534	IPP1	0	0	0	0	74	30.0	1581	28	34	125	1.214	0.272	0.224	11.0	20.00
29733	40.8408	117.4191	-297.9	542	IPP1	0	0	0	0	65	30.1	1633	39	103	35	2.641	2.943	1.114	11.1	20.00
29734	40.8408	117.4186	-316.8	566	IPP1	0	0	0	0	61	30.4	1607	35	86	88	2.457	0.977	0.398	11.2	20.00
29735	40.8408	117.4181	-331.4	576	IPP1	0	0	0	0	79	30.6	1649	26	46	1[illegible]7	1.769	0.362	0.205	11.2	20.00
29736	40.8408	117.4176	-342.1	593	IPP1	0	0	0	0	74	30.8	1608	14	29	17[illegible]	2.071	0.162	0.078	11.2	20.00
29737	40.8407	117.4171	-348.9	596	IPP1	0	0	0	0	68	30.8	1646	28	49	100	1.750	0.490	0.280	11.2	20.00
29738	40.8407	117.4166	-354.4	605	IPP1	0	0	1	0	75	31.0	1683	42	-25	185	-0.595	-0.135	0.227	11.3	20.00
29739	40.8407	117.4160	-356.4	618	IPP1	0	0	0	0	74	31.1	1679	32	85	98	2.656	0.867	0.327	11.3	20.00
29740	40.8407	117.4155	-357.6	615	IPP1	0	0	0	0	69	31.1	1685	34	53	116	1.559	0.457	0.293	11.4	20.00
29741	40.8407	117.4150	-355.9	617	IPP1	0	0	0	0	69	31.1	1720	30	73	131	2.433	0.557	0.229	11.5	20.00
29742	40.8407	117.4145	-352.6	610	IPP1	0	0	0	0	69	31.0	1792	44	69	134	1.568	0.515	0.328	11.5	20.00
29743	40.8407	117.4140	-349.0	601	IPP1	0	0	0	0	68	30.9	1729	25	49	123	1.960	0.398	0.203	11.5	20.00
29744	40.8407	117.4134	-344.5	582	IPP1	0	0	1	0	79	30.7	1771	51	7	143	0.137	0.049	0.357	11.5	20.00
29745	40.8407	117.4129	-339.0	573	IPP1	0	0	0	0	74	30.5	1838	32	72	147	2.250	0.490	0.218	11.6	20.00
29746	40.8406	117.4124	-329.7	550	IPP1	0	0	0	0	69	30.2	1739	25	68	131	2.720	0.519	0.191	11.6	20.00
29747	40.8406	117.4119	-323.1	546	IPP1	0	0	0	0	60	30.2	1681	30	78	135	2.600	0.578	0.222	11.6	20.00
29748	40.8406	117.4114	-315.3	539	IPP1	0	0	1	0	66	33.7	1774	47	18	142	0.383	0.127	0.331	11.6	20.00
29749	40.8406	117.4109	-309.6	520	QOA1	0	0	0	0	70	33.4	1600	36	66	86	1.833	0.767	0.419	11.7	20.00
29750	40.8406	117.4103	-300.9	526	QOA1	0	0	0	0	69	33.5	1557	44	41	77	0.932	0.532	0.571	11.7	20.00
29751	40.8406	117.4098	-294.6	516	QOA1	0	0	0	0	73	33.3	1763	33	92	113	2.788	0.814	0.292	11.7	20.00
29752	40.8406	117.4093	-285.3	501	QOA1	0	0	0	0	59	33.1	1685	32	88	100	2.750	0.880	0.320	11.7	20.00
29753	40.8406	117.4088	-276.2	499	QOA1	0	0	0	0	62	33.0	1679	38	51	121	1.342	0.421	0.314	11.7	20.00
29754	40.8406	117.4083	-269.1	497	QOA1	0	0	0	0	63	33.0	1692	38	38	132	1.000	0.288	0.288	11.7	20.00
29755	40.8405	117.4078	-260.9	494	QOA1	0	0	0	0	57	33.0	1722	31	90	116	2.903	0.776	0.267	11.7	20.00
29756	40.8405	117.4072	-254.8	492	QOA1	0	0	0	0	64	32.9	1835	54	48	145	0.889	0.331	0.372	11.7	20.00
29757	40.8405	117.4067	-249.9	487	QOA1	0	0	0	0	69	32.8	1828	40	68	156	1.700	0.436	0.256	11.6	20.00
29758	40.8405	117.4062	-247.4	479	QOA1	0	0	0	0	63	32.7	1717	25	80	154	3.200	0.519	0.162	11.6	20.00
29759	40.8405	117.4057	-246.6	472	QOA1	0	0	0	0	66	32.6	1695	38	33	146	0.868	0.226	0.260	11.5	20.00
29760	40.8405	117.4052	-247.3	459	QOA1	0	0	0	0	67	32.4	1724	29	62	127	2.214	0.488	0.220	11.4	20.00
29761	40.8405	117.4047	-249.9	448	QOA1	0	0	1	0	75	32.2	1684	26	24	188	0.923	0.128	0.138	11.4	20.00
29762	40.8405	117.4041	-255.1	440	QOA1	0	0	1	0	58	32.0	1701	46	14	172	0.304	0.081	0.267	11.3	20.00
29763	40.8405	117.4036	-260.8	431	QOA1	0	0	0	0	58	31.9	1705	29	91	155	3.138	0.587	0.187	11.3	20.00
29764	40.8404	117.4031	-267.2	423	QOA1	0	0	0	0	64	31.7	1709	45	32	155	0.711	0.206	0.290	11.3	20.00
*29765	40.8404	117.4026	-274.4	420	QOA1	0	0	0	0	68	31.7	1747	35	58	153	1.657	0.379	0.229	11.3	20.00
29766	40.8404	117.4021	-280.2	417	QOA1	0	0	0	0	61	31.6	1778	42	71	151	1.690	0.470	0.278	11.3	20.00
29767	40.8404	117.4015	-284.1	415	QOA1	0	0	0	0	62	30.9	1727	35	62	150	1.771	0.413	0.233	11.3	20.00
29768	40.8404	117.4010	-286.5	412	QOA1	0	0	0	0	69	30.9	1797	46	48	160	1.043	0.300	0.288	11.3	20.00
29769	40.8404	117.4005	-287.4	412	QOA1	0	0	0	0	67	30.9	1816	31	79	162	2.548	0.488	0.191	11.3	20.00
29770	40.8404	117.4000	-287.7	411	QOA1	0	0	0	0	75	30.9	1805	36	113	99	3.139	1.141	0.364	11.3	20.00
29771	40.8404	117.3995	-287.1	412	QOA1	0	0	0	0	65	30.9	1795	27	83	146	3.074	0.568	0.185	11.4	20.00
29772	40.8404	117.3990	-285.2	410	QOA1	0	0	0	0	67	30.9	1809	34	83	143	2.441	0.580	0.238	11.4	20.00
29773	40.8403	117.3984	-282.3	410	QOA1	0	0	0	0	66	30.9	1901	41	63	163	1.537	0.387	0.252	11.4	20.00
29774	40.8403	117.3979	-277.9	409	QOA1	0	0	0	0	66	30.8	1797	25	61	194	2.440	0.314	0.129	11.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
29775	40.8403	117.3974	-273.0	412	QOA1	0	0	0	0	68	30.9	1824	60	43	140	0.717	0.307	0.429	11.3	20.00
29776	40.8403	117.3969	-268.3	417	QOA1	0	0	0	0	64	31.0	1872	46	30	175	0.652	0.171	0.263	11.2	20.00
29777	40.8403	117.3964	-266.1	425	QOA1	0	0	0	0	62	31.1	1766	42	92	128	2.190	0.719	0.328	11.2	20.00
29778	40.8403	117.3959	-264.4	433	QOA1	0	0	0	0	63	31.3	1756	25	87	137	3.480	0.635	0.182	11.1	20.00
29779	40.8403	117.3953	-266.4	445	QOA1	0	0	0	0	64	31.5	1833	44	65	151	1.477	0.430	0.291	11.1	20.00
29780	40.8403	117.3948	-268.0	446	QOA1	0	0	1	0	64	31.5	1807	47	-2	211	-0.043	-0.009	0.223	11.0	20.00
29781	40.8403	117.3943	-272.6	446	QOA1	0	0	0	0	60	31.5	1797	47	82	94	1.745	0.872	0.500	11.1	20.00
29782	40.8402	117.3938	-276.8	438	QOA1	0	0	0	0	56	31.3	1792	44	117	90	2.659	1.300	0.489	11.1	20.00
29783	40.8402	117.3933	-282.5	431	QOA1	0	0	0	0	66	31.2	1815	52	78	114	1.500	0.684	0.456	11.1	20.00
29784	40.8402	117.3927	-287.6	427	QOA1	0	0	0	0	65	31.2	1757	43	37	148	0.860	0.250	0.291	11.1	20.00
29785	40.8402	117.3922	-291.8	421	QOA1	0	0	0	0	61	31.1	1679	39	64	140	1.641	0.457	0.279	11.0	20.00
29786	40.8402	117.3917	-295.7	416	QOA1	0	0	0	0	66	30.7	1737	39	55	140	1.410	0.393	0.279	11.0	20.00
29787	40.8402	117.3912	-299.3	413	QOA1	0	0	0	0	60	30.7	1766	38	96	130	2.526	0.738	0.292	11.0	20.00
29788	40.8402	117.3907	-300.4	410	QOA1	0	0	0	0	58	30.6	1808	59	75	123	1.271	0.610	0.480	11.0	20.00
29789	40.8402	117.3902	-300.5	408	QOA1	0	0	0	0	67	30.6	1822	49	45	160	0.918	0.281	0.306	11.0	20.00
29790	40.8402	117.3896	-300.2	408	QOA1	0	0	0	0	66	30.6	1761	44	43	160	0.977	0.269	0.275	11.0	20.00
29791	40.8401	117.3891	-298.5	407	QOA1	0	0	0	0	67	30.6	1827	45	43	195	0.956	0.221	0.231	11.1	20.00
29792	40.8401	117.3886	-295.7	403	QOA1	0	0	0	0	55	30.5	1882	62	66	148	1.065	0.446	0.419	11.0	20.00
29793	40.8401	117.3881	-294.0	400	QOA1	0	0	0	0	61	30.5	1805	57	46	119	0.807	0.387	0.479	11.0	20.00
29794	40.8401	117.3876	-290.6	402	QOA1	0	0	0	0	64	30.5	1798	44	78	137	1.773	0.569	0.321	11.0	20.00
29795	40.8401	117.3871	-286.7	409	QOA1	0	0	0	0	67	30.6	1805	39	62	150	1.590	0.413	0.260	11.0	20.00
29796	40.8401	117.3865	-281.8	410	QOA1	0	0	0	0	69	30.6	1761	45	74	143	1.644	0.517	0.315	11.0	20.00
29797	40.8401	117.3860	-279.6	410	QOA1	0	0	0	0	61	30.6	1841	58	70	110	1.207	0.636	0.527	11.0	20.00
29798	40.8401	117.3855	-277.8	408	QOA1	0	0	0	0	68	30.6	1766	33	90	153	2.727	0.588	0.216	11.0	20.00
29799	40.8401	117.3850	-276.2	403	QOA1	0	0	0	0	69	30.5	1766	38	84	124	2.211	0.677	0.306	11.1	20.00
29800	40.8400	117.3845	-274.1	395	QOA1	0	0	0	0	67	30.4	1778	50	47	172	0.940	0.273	0.291	11.1	20.00
29801	40.8400	117.3839	-273.5	383	QOA1	0	0	0	0	65	30.1	1703	31	96	116	3.097	0.828	0.267	11.1	20.00
29802	40.8400	117.3834	-272.8	370	QOA1	0	0	0	0	67	29.9	1815	47	46	159	0.979	0.289	0.296	11.2	20.00
29803	40.8400	117.3829	-272.5	359	QOA1	0	0	0	0	71	29.7	1776	43	56	166	1.302	0.337	0.259	11.1	20.00
29804	40.8400	117.3824	-271.6	351	QOA1	0	0	0	0	64	29.5	1900	47	60	183	1.277	0.328	0.257	11.2	20.00
29805	40.8400	117.3819	-272.1	343	QOA1	0	0	0	0	69	21.8	1790	39	67	199	1.718	0.337	0.196	11.2	20.00
29806	40.8400	117.3814	-271.2	342	QOA1	0	0	0	0	64	21.8	1825	40	55	179	1.375	0.307	0.223	11.2	20.00
29807	40.8400	117.3808	-270.3	342	QOA1	0	0	0	0	58	21.8	1795	35	124	162	3.543	0.765	0.216	11.3	20.00
29808	40.8400	117.3803	-270.1	341	QOA1	0	0	0	0	60	21.7	1836	39	95	153	2.436	0.621	0.255	11.3	20.00
29809	40.8399	117.3798	-268.5	339	QOA1	0	0	0	0	57	21.7	1795	48	79	141	1.646	0.560	0.340	11.3	20.00
29810	40.8399	117.3793	-267.7	326	QOA1	0	0	0	0	61	21.5	1787	46	79	154	1.717	0.513	0.299	11.3	20.00
29811	40.8399	117.3788	-266.4	319	QOA1	0	0	0	0	63	21.4	1881	48	104	145	2.167	0.717	0.331	11.3	20.00
29812	40.8399	117.3783	-265.0	316	QOA1	0	0	0	0	60	21.4	1900	52	89	144	1.712	0.618	0.361	11.3	20.00
29813	40.8399	117.3777	-262.9	312	QOA1	0	0	0	0	60	21.3	1949	52	60	190	1.154	0.316	0.274	11.5	20.00
29814	40.8399	117.3772	-263.1	312	QOA1	0	0	0	0	63	21.3	1887	57	111	151	1.947	0.735	0.377	11.5	20.00
29815	40.8399	117.3766	-261.1	317	QOA1	0	0	0	0	68	21.4	1851	42	91	160	2.167	0.569	0.262	11.6	20.00
29816	40.8400	117.3761	-259.7	326	QOA1	0	0	0	0	65	21.5	1793	48	32	175	0.667	0.183	0.274	11.6	20.00
29817	40.8400	117.3755	-259.2	340	QOA1	0	0	0	0	67	21.7	1874	40	81	178	2.025	0.455	0.225	11.6	20.00
29818	40.8400	117.3750	-257.5	355	QOA1	0	0	0	0	61	21.9	1735	43	72	130	1.674	0.554	0.331	11.6	20.00
29819	40.8400	117.3744	-255.5	368	QOA1	0	0	0	0	61	22.1	1701	30	58	184	1.933	0.315	0.163	11.7	20.00
29820	40.8400	117.3739	-253.5	378	QOA1	0	0	0	0	64	22.3	1727	42	65	138	1.548	0.471	0.304	11.7	20.00
29821	40.8400	117.3733	-254.1	390	QOA1	0	0	0	0	70	22.4	1692	33	69	140	2.091	0.493	0.236	11.7	20.00
29822	40.8401	117.3728	-251.9	398	QOA1	0	0	0	0	60	22.5	1742	40	46	151	1.150	0.305	0.265	11.7	20.00
29823	40.8401	117.3722	-250.0	402	QOA1	0	0	0	0	59	22.6	1759	23	118	143	5.130	0.825	0.161	11.6	20.00
29824	40.8401	117.3717	-249.2	418	QOA1	0	0	0	0	69	23.4	1666	37	82	128	2.216	0.641	0.289	11.7	20.00
29825	40.8401	117.3711	-248.3	429	QOA1	0	0	0	0	67	23.5	1750	42	79	115	1.881	0.687	0.365	11.6	20.00
29826	40.8401	117.3706	-246.5	443	QOA1	0	0	0	0	63	23.7	1798	47	49	147	1.043	0.333	0.320	11.7	20.00
29827	40.8402	117.3700	-245.3	452	QOA1	0	0	0	0	69	23.8	1756	37	100	118	2.703	0.847	0.314	11.8	20.00
29828	40.8402	117.3695	-244.7	458	QOA1	0	0	0	0	63	23.9	1755	53	47	140	0.887	0.336	0.379	11.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
29829	40.8402	117.3689	-242.9	472	QOA1	0	0	0	0	69	24.1	1887	47	57	186	1.213	0.306	0.253	12.0	20.00
29830	40.8402	117.3684	-241.5	474	QOA1	0	0	0	0	67	24.1	1782	35	88	129	2.514	0.682	0.271	12.0	20.00
29831	40.8402	117.3678	-241.2	470	QOA1	0	0	0	0	58	24.0	1892	31	129	127	4.161	1.016	0.244	12.0	20.00
29832	40.8402	117.3673	-238.6	464	QOA1	0	0	1	0	57	24.0	1887	55	11	171	0.200	0.064	0.322	11.9	20.00
29833	40.8403	117.3667	-235.8	462	QOA1	0	0	0	0	58	23.9	1832	32	72	166	2.250	0.434	0.193	11.9	20.00
29834	40.8403	117.3661	-233.9	461	QOA1	0	0	0	0	60	23.9	1845	33	168	117	5.091	1.436	0.282	12.0	20.00
29835	40.8403	117.3656	-233.3	465	QOA1	0	0	0	0	67	24.0	1838	39	76	136	1.949	0.559	0.287	12.0	20.00
29836	40.8403	117.3650	-232.2	465	QOA1	0	0	0	0	62	24.0	1883	52	61	162	1.173	0.377	0.321	12.0	20.00
29837	40.8403	117.3645	-231.5	465	QOA1	0	0	0	0	59	24.0	1889	52	73	156	1.404	0.468	0.333	12.0	20.00
29838	40.8404	117.3639	-231.7	466	QOA1	0	0	0	0	65	24.0	1887	36	123	135	3.417	0.911	0.267	12.0	20.00
29839	40.8404	117.3634	-231.5	469	QOA1	0	0	1	0	71	24.0	1825	57	22	177	0.386	0.124	0.322	12.0	20.00
29840	40.8404	117.3628	-231.6	479	QOA1	0	0	0	0	61	24.1	1875	47	27	200	0.574	0.135	0.235	12.0	20.00
29841	40.8404	117.3623	-231.6	491	QOA1	0	0	0	0	65	24.3	1816	36	92	122	2.556	0.754	0.295	11.9	20.00
29842	40.8404	117.3617	-232.7	497	QOA1	0	0	0	0	60	24.4	1935	35	130	132	3.714	0.985	0.265	11.8	20.00
29843	40.8404	117.3612	-231.0	498	QOA1	0	0	0	0	69	25.6	1926	36	151	116	4.194	1.302	0.310	11.8	20.00
29844	40.8405	117.3606	-231.7	499	QOA1	0	0	0	0	68	25.6	1893	48	72	135	1.500	0.533	0.356	11.7	20.00
29845	40.8405	117.3601	-232.0	499	QOA1	0	0	0	0	63	25.6	1869	42	83	161	1.976	0.516	0.261	11.8	20.00
29846	40.8405	117.3595	-230.7	499	QOA1	0	0	0	0	75	25.6	1915	42	94	140	2.238	0.671	0.300	11.8	20.00
29847	40.8405	117.3590	-230.8	498	QYA	0	0	0	0	69	25.6	1894	34	134	103	3.941	1.301	0.330	11.8	20.00
29848	40.8405	117.3584	-229.9	499	QYA	0	0	0	0	55	25.6	1849	51	118	114	2.314	1.035	0.447	11.8	20.00
29849	40.8406	117.3579	-230.6	498	QYA	0	0	0	0	64	25.6	1938	56	53	143	0.946	0.371	0.392	11.8	20.00
29850	40.8406	117.3573	-228.2	495	QYA	0	0	0	0	64	25.6	1923	28	95	176	3.393	0.540	0.159	11.7	20.00
29851	40.8406	117.3568	-227.9	486	QYA	0	0	0	0	63	25.4	1906	35	66	177	1.886	0.373	0.198	11.6	20.00
29852	40.8406	117.3562	-227.2	470	QYA	0	0	0	0	64	25.2	1880	52	103	134	1.981	0.769	0.388	11.6	20.00
29853	40.8406	117.3557	-226.4	459	QYA	0	0	0	0	61	25.1	1932	39	143	125	3.667	1.144	0.312	11.6	20.00
29854	40.8406	117.3551	-225.9	450	QYA	0	0	0	0	65	25.0	1974	47	67	210	1.426	0.319	0.224	11.7	20.00
29855	40.8407	117.3546	-226.3	442	QYA	0	0	0	0	59	24.8	1969	46	69	188	1.500	0.367	0.245	11.7	20.00
29856	40.8407	117.3540	-225.5	436	QYA	0	0	0	0	70	24.8	1941	61	63	154	1.033	0.409	0.396	11.6	20.00
29857	40.8407	117.3535	-224.9	435	QYA	0	0	0	0	57	24.7	1911	43	71	168	1.651	0.423	0.256	11.6	20.00
29858	40.8407	117.3529	-223.6	431	QYA	0	0	0	0	60	24.7	1909	41	112	98	2.732	1.143	0.418	11.5	20.00
29859	40.8407	117.3523	-223.0	427	QYA	0	0	0	0	67	24.6	1922	53	63	158	1.189	0.399	0.335	11.5	20.00
29860	40.8407	117.3518	-222.1	424	QYA	0	0	0	0	63	24.6	1970	51	29	206	0.569	0.141	0.248	11.5	20.00
29861	40.8408	117.3512	-222.3	425	QYA	0	0	0	0	67	24.6	1929	38	93	163	2.447	0.571	0.233	11.5	20.00
29862	40.8408	117.3507	-221.3	428	QYA	0	0	0	0	69	28.9	1894	51	80	147	1.569	0.544	0.347	11.6	20.00
29863	40.8408	117.3501	-220.0	426	QYA	0	0	0	0	60	28.8	1856	30	101	137	3.367	0.737	0.219	11.5	20.00
29864	40.8408	117.3496	-220.2	420	QYA	0	0	0	0	63	28.8	1957	38	97	192	2.553	0.505	0.198	11.3	20.00
29865	40.8408	117.3490	-218.1	420	QYA	0	0	0	0	55	28.7	1895	49	61	182	1.245	0.335	0.269	11.3	20.00
29866	40.8409	117.3485	-219.2	417	QYA	0	0	0	0	64	28.7	1849	37	86	167	2.324	0.515	0.222	11.4	20.00
29867	40.8409	117.3479	-217.9	411	QYA	0	0	0	0	60	28.6	1992	35	115	170	3.286	0.676	0.206	11.4	20.00
29868	40.8409	117.3474	-218.1	402	QYA	0	0	0	0	68	28.5	1864	42	42	166	1.000	0.253	0.253	11.3	20.00
29869	40.8409	117.3468	-217.3	396	QYA	0	0	0	0	62	28.3	1848	36	75	157	2.083	0.478	0.229	11.3	20.00
29870	40.8409	117.3463	-218.2	394	QYA	0	0	0	0	58	28.3	1769	31	39	190	1.258	0.205	0.163	11.3	20.00
29871	40.8409	117.3457	-217.8	395	QYA	0	0	0	0	58	28.3	1845	30	125	158	4.167	0.791	0.190	11.3	20.00
29872	40.8410	117.3452	-218.9	399	QYA	0	0	0	0	61	28.4	1840	37	144	112	3.892	1.286	0.330	11.2	20.00
29873	40.8410	117.3446	-218.8	404	QYA	0	0	0	0	63	28.5	1825	28	98	179	3.500	0.547	0.156	11.3	20.00
29874	40.8410	117.3441	-219.4	407	QYA	0	0	0	0	65	28.5	1806	30	83	180	2.767	0.461	0.167	11.4	20.00
29875	40.8410	117.3435	-220.0	409	QYA	0	0	0	0	63	28.6	1820	39	73	156	1.872	0.468	0.250	11.4	20.00
29876	40.8410	117.3430	-219.6	411	QYA	0	0	0	0	66	28.6	1797	38	55	162	1.447	0.340	0.235	11.5	20.00
29877	40.8411	117.3424	-219.7	417	QYA	0	0	0	0	66	28.7	1782	30	66	184	2.200	0.359	0.163	11.5	20.00
29878	40.8411	117.3419	-220.1	413	QYA	0	0	0	0	57	28.6	1810	25	78	179	3.120	0.436	0.140	11.4	20.00
29879	40.8411	117.3413	-220.0	408	QYA	0	0	0	0	67	28.6	1869	49	72	153	1.469	0.471	0.320	11.4	20.00
29880	40.8411	117.3408	-219.9	404	QYA	0	0	0	0	65	28.5	1857	22	112	158	5.091	0.709	0.139	11.4	20.00
29881	40.8411	117.3402	-219.3	400	QYA	0	0	0	0	57	34.5	1841	41	77	152	1.878	0.507	0.270	11.4	20.00
29882	40.8411	117.3397	-219.0	399	QYA	0	0	0	0	67	34.5	1860	54	57	143	1.056	0.399	0.378	11.5	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
29883	40.8412	117.3391	-218.6	398	QYA	0	0	0	0	59	34.5	1842	38	58	166	1.526	0.349	0.229	11.5	20.00
29884	40.8412	117.3386	-217.5	399	QYA	0	0	0	0	66	34.5	1826	35	65	162	1.857	0.401	0.216	11.5	20.00
29885	40.8412	117.3380	-217.1	401	QYA	0	0	0	0	58	34.6	1837	26	69	178	2.654	0.388	0.146	11.5	20.00
29886	40.8412	117.3374	-216.0	401	QYA	0	0	1	0	66	34.6	1816	52	0	197	0.019	0.005	0.264	11.6	20.00
29887	40.8412	117.3369	-214.1	402	QYA	0	0	0	0	59	34.6	1800	36	100	147	2.778	0.680	0.245	11.7	20.00
29888	40.8413	117.3363	-212.4	406	QYA	0	0	0	0	70	34.7	1761	32	102	136	3.188	0.750	0.235	11.7	20.00
29889	40.8413	117.3358	-211.8	409	QYA	0	0	0	0	62	34.7	1883	49	52	162	1.061	0.321	0.302	11.8	20.00
29890	40.8413	117.3352	-209.7	412	QYA	0	0	0	0	65	34.8	1859	37	81	182	2.189	0.445	0.203	11.8	20.00
29891	40.8413	117.3347	-208.0	415	QYA	0	0	0	0	63	34.8	1810	42	91	146	2.167	0.623	0.288	11.9	20.00
29892	40.8413	117.3341	-205.9	416	QYA	0	0	0	0	55	34.9	1845	43	31	189	0.721	0.164	0.228	11.9	20.00
29893	40.8413	117.3336	-204.0	417	QYA	0	0	0	0	50	34.9	1888	42	117	146	2.786	0.801	0.288	12.0	20.00
29894	40.8414	117.3330	-202.1	421	QYA	0	0	0	0	66	35.0	1862	36	95	152	2.639	0.625	0.237	12.1	20.00
29895	40.8414	117.3325	-200.2	424	QYA	0	0	0	0	65	35.0	1820	33	99	128	3.000	0.773	0.258	12.3	20.00
29896	40.8414	117.3319	-199.1	417	QYA	0	0	1	0	64	34.9	1856	39	-32	216	-0.821	-0.148	0.181	12.4	20.00
29897	40.8414	117.3314	-197.8	415	QYA	0	0	0	0	66	34.8	1865	25	119	155	4.760	0.768	0.161	12.5	20.00
29898	40.8414	117.3308	-197.7	414	QYA	0	0	0	0	64	34.8	1871	48	33	159	0.688	0.208	0.302	12.5	20.00
29899	40.8414	117.3303	-196.4	405	QYA	0	0	0	0	64	34.6	1835	38	68	157	1.789	0.433	0.242	12.5	20.00
29900	40.8415	117.3297	-196.3	401	QYA	0	0	0	0	64	30.0	1938	45	42	200	0.933	0.210	0.225	12.5	20.00
29901	40.8415	117.3292	-194.9	400	QYA	0	0	0	0	68	30.0	1901	40	104	143	2.600	0.727	0.280	12.5	20.00
29902	40.8415	117.3286	-194.3	397	QYA	0	0	0	0	69	30.0	1930	55	59	187	1.073	0.316	0.294	12.5	20.00
29903	40.8415	117.3281	-194.7	403	QYA	0	0	0	0	62	30.1	1919	43	104	140	2.419	0.743	0.307	12.5	20.00
29904	40.8415	117.3275	-192.5	406	QYA	0	0	0	0	64	30.1	1930	41	97	151	2.366	0.642	0.272	12.5	20.00
29905	40.8416	117.3270	-191.0	399	QYA	0	0	0	0	60	30.0	1913	45	37	204	0.822	0.181	0.221	12.4	20.00
29906	40.8416	117.3264	-189.9	397	QYA	0	0	0	0	63	30.0	1893	38	88	165	2.316	0.533	0.230	12.4	20.00
29907	40.8416	117.3259	-189.2	397	QYA	0	0	1	0	57	30.0	1932	45	22	208	0.489	0.106	0.216	12.4	20.00
29908	40.8416	117.3253	-190.1	395	QYA	0	0	0	0	60	29.9	1977	57	104	146	1.825	0.712	0.390	12.4	20.00
29909	40.8416	117.3248	-188.5	394	QYA	0	0	0	0	66	29.9	1901	45	67	147	1.489	0.456	0.306	12.5	20.00
29910	40.8416	117.3242	-188.1	397	QYA	0	0	0	0	55	30.0	1927	44	119	172	2.705	0.692	0.256	12.6	20.00
29911	40.8417	117.3237	-189.0	401	QYA	0	0	0	0	61	30.0	1945	46	72	156	1.565	0.462	0.295	12.6	20.00
29912	40.8417	117.3231	-189.1	403	QYA	0	0	0	0	61	30.1	1986	49	73	177	1.490	0.412	0.277	12.6	20.00
29913	40.8417	117.3225	-188.7	410	QYA	0	0	0	0	67	30.2	1976	37	71	163	1.919	0.436	0.227	12.6	20.00
29914	40.8417	117.3220	-187.2	417	QYA	0	0	0	0	67	30.3	2002	48	95	157	1.979	0.605	0.306	12.7	20.00
29915	40.8417	117.3214	-186.9	417	QYA	0	0	0	0	62	30.3	1846	41	93	159	2.268	0.585	0.258	12.7	20.00
29916	40.8418	117.3209	-185.7	423	QYA	0	0	0	0	58	30.4	1938	43	75	179	1.744	0.419	0.240	12.7	20.00
29917	40.8418	117.3203	-184.9	417	QYA	0	0	0	0	55	30.3	1958	54	77	144	1.426	0.535	0.375	12.6	20.00
29918	40.8418	117.3198	-183.8	416	QYA	0	0	0	0	56	30.3	1984	38	110	158	2.895	0.696	0.241	12.5	20.00
29919	40.8418	117.3192	-182.7	412	QYA	0	0	0	0	62	32.8	1896	53	113	135	2.132	0.837	0.393	12.6	20.00
29920	40.8418	117.3187	-181.1	411	QYA	0	0	0	0	69	32.8	1845	40	39	184	0.975	0.212	0.217	12.5	20.00
29921	40.8418	117.3181	-179.3	405	QYA	0	0	0	0	55	32.7	1807	26	131	152	5.038	0.862	0.171	12.5	20.00
29922	40.8419	117.3176	-178.4	404	QYA	0	0	0	0	56	32.7	1808	42	75	162	1.875	0.463	0.247	12.6	20.00
29923	40.8419	117.3170	-177.7	409	QYA	0	0	0	0	71	32.8	1727	49	44	156	0.898	0.282	0.314	12.5	20.00
29924	40.8419	117.3165	-176.1	409	QYA	0	0	0	0	63	32.8	1723	40	67	157	1.675	0.427	0.255	12.5	20.00
29925	40.8419	117.3159	-176.5	408	QYA	0	0	0	0	69	32.7	1830	40	53	152	1.325	0.349	0.263	12.4	20.00
29926	40.8419	117.3154	-176.6	410	QYA	0	0	0	0	59	32.8	1671	20	116	149	5.800	0.779	0.134	12.4	20.00
29927	40.8420	117.3148	-176.7	414	QYA	0	0	0	0	66	32.9	1691	30	71	147	2.367	0.483	0.204	12.3	20.00
29928	40.8420	117.3143	-175.1	409	QYA	0	0	0	0	58	32.8	1746	36	119	106	3.306	1.123	0.340	12.3	20.00
29929	40.8420	117.3137	-175.8	403	QYA	0	0	0	0	71	32.6	1689	31	51	170	1.645	0.300	0.182	12.3	20.00
29930	40.8420	117.3132	-175.5	397	QYA	0	0	0	0	58	32.5	1777	54	63	141	1.167	0.447	0.383	12.3	20.00
29931	40.8420	117.3126	-174.9	391	QYA	0	0	0	0	68	32.4	1664	48	27	121	0.563	0.223	0.397	12.3	20.00
29932	40.8420	117.3121	-175.6	389	QYA	0	0	0	0	65	32.4	1704	43	39	167	0.907	0.234	0.257	12.3	20.00
29933	40.8421	117.3115	-176.2	387	QYA	0	0	0	0	66	32.3	1698	38	72	137	1.895	0.526	0.277	12.2	20.00
29934	40.8421	117.3110	-176.1	386	QYA	0	0	1	0	67	32.3	1757	31	14	200	0.452	0.070	0.155	12.2	20.00
29935	40.8421	117.3104	-176.0	380	QYA	0	0	0	0	65	32.2	1676	29	60	147	2.069	0.408	0.197	12.2	20.00
29936	40.8421	117.3099	-176.2	381	QYA	0	0	0	0	59	32.2	1752	33	133	127	4.030	1.047	0.260	12.1	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
29937	40.8421	117.3093	-177.0	38i	QYA	0	0	0	0	59	32.2	1820	41	92	131	2.244	0.702	0.313	12.0	20.00
29938	40.8422	117.3088	-176.5	374	QYA	0	0	0	0	71	22.8	1844	36	105	149	2.917	0.705	0.242	11.9	20.00
29939	40.8422	117.3082	-177.9	370	QYA	0	0	0	0	63	22.8	1736	31	86	152	2.774	0.566	0.204	11.8	20.00
29940	40.8422	117.3076	-178.0	367	QYA	0	0	0	0	61	22.7	1706	18	119	155	6.611	0.768	0.116	11.8	20.00
29941	40.8422	117.3071	-179.4	368	QYA	0	0	0	0	59	22.8	1794	29	89	192	3.069	0.464	0.151	11.8	20.00
29942	40.8422	117.3065	-180.3	369	QYA	0	0	0	0	56	22.8	1826	38	82	166	2.158	0.494	0.229	11.8	20.00
29943	40.8422	117.3060	-180.6	373	QYA	0	0	0	0	64	22.8	1910	42	88	206	2.095	0.427	0.204	11.9	20.00
29944	40.8423	117.3054	-181.7	382	QYA	0	0	0	0	65	23.0	1895	35	36	201	1.029	0.179	0.174	11.9	20.00
29945	40.8423	117.3049	-181.8	384	QYA	0	0	0	0	66	23.0	1778	31	80	178	2.581	0.449	0.174	11.7	20.00
29946	40.8423	117.3043	-182.7	381	QYA	0	0	0	0	60	22.9	1888	47	79	142	1.681	0.556	0.331	11.6	20.00
29947	40.8423	117.3038	-183.9	373	QYA	0	0	1	0	60	22.8	1908	45	-7	251	-0.156	-0.028	0.179	11.5	20.00
29948	40.8423	117.3032	-185.6	371	QYA	0	0	0	0	62	22.8	1940	40	71	211	1.775	0.336	0.190	11.5	20.00
29949	40.8423	117.3027	-187.7	365	QYA	0	0	1	0	61	22.7	1923	60	0	210	0.017	0.005	0.286	11.5	20.00
29950	40.8424	117.3021	-190.6	360	QYA	0	0	0	0	63	22.6	1910	43	78	219	1.814	0.356	0.196	11.5	20.00
29951	40.8424	117.3016	-193.1	353	QYA	0	0	0	0	59	22.6	1971	38	29	237	0.763	0.122	0.160	11.5	20.00
29952	40.8424	117.3010	-195.5	349	QYA	0	0	1	0	6[illegible]	22.5	1962	49	24	238	0.490	0.101	0.206	11.5	20.00
29953	40.8424	117.3005	-198.1	349	QYA	0	0	0	0	6[illegible]	22.5	1996	43	53	243	1.233	0.218	0.177	11.5	20.00
29954	40.8424	117.2999	-202.8	348	QYA	0	0	0	0	6[illegible]	22.5	2058	30	81	255	2.700	0.318	0.118	11.5	20.00
29955	40.8425	117.2994	-205.6	350	QYA	0	0	0	0	66	22.5	2049	47	95	207	2.021	0.459	0.227	11.5	20.00
29956	40.8425	117.2988	-209.7	355	QYA	0	0	[illegible]	0	60	22.6	2061	49	66	227	1.347	0.291	0.216	11.5	20.00
29957	40.8425	117.2983	-212.5	363	QYA	0	0	0	0	63	24.6	2039	43	108	211	2.512	0.512	0.204	11.6	20.00
29958	40.8425	117.2977	-216.8	373	QYA	0	0	0	0	70	24.7	2131	36	121	236	3.361	0.513	0.153	11.6	20.00
29959	40.8425	117.2972	-221.1	384	QYA	0	0	0	0	65	24.9	1969	27	120	212	4.444	0.566	0.127	11.7	20.00
29960	40.8425	117.2966	-225.0	387	QYA	0	0	0	0	62	24.9	1991	27	127	213	4.704	0.596	0.127	11.7	20.00
29961	40.8426	117.2961	-230.1	386	QYA	0	0	0	0	68	24.9	2024	41	81	238	1.976	0.340	0.172	11.6	20.00
29962	40.8426	117.2955	-236.2	386	QYA	0	0	0	0	59	24.9	2063	40	31	276	0.775	0.112	0.145	11.6	20.00
29963	40.8426	117.2950	-243.2	380	QYA	0	0	0	0	62	24.8	2079	40	59	251	1.475	0.235	0.159	11.6	20.00
29964	40.8426	117.2944	-252.1	375	QYA	0	0	0	0	64	24.8	1990	32	103	238	3.219	0.433	0.134	11.6	20.00
29965	40.8426	117.2939	-262.3	372	QYA	0	0	0	0	63	24.7	2046	45	41	249	0.911	0.165	0.181	11.6	20.00
29966	40.8427	117.2933	-273.2	370	QYA	0	0	0	0	60	24.7	2023	30	58	266	1.933	0.218	0.113	11.6	20.00
29967	40.8427	117.2927	-283.3	371	QYA	0	0	0	0	59	24.7	1967	41	48	220	1.171	0.218	0.186	11.7	20.00
29968	40.8427	117.2922	-292.7	370	QYA	0	0	0	0	66	24.7	1985	35	33	262	0.943	0.126	0.134	11.7	20.00
29969	40.8427	117.2916	-299.0	372	QYA	0	0	0	0	59	24.7	2006	23	157	191	6.826	0.822	0.120	11.8	20.00
29970	40.8427	117.2911	-307.1	374	QYA	0	0	0	0	65	24.7	2061	44	67	257	1.523	0.261	0.171	11.8	20.00
29971	40.8427	117.2905	-313.2	379	QYA	0	0	0	0	63	24.8	2072	53	96	203	1.811	0.473	0.261	11.8	20.00
29972	40.8428	117.2900	-317.8	384	QYA	0	0	0	0	64	24.9	2026	39	114	183	2.923	0.623	0.213	12.0	20.00
29973	40.8428	117.2894	-323.4	387	QYA	0	0	0	0	59	24.9	2020	39	95	206	2.436	0.461	0.189	12.1	20.00
29974	40.8428	117.2889	-327.5	390	QYA	0	0	0	0	63	25.0	2033	43	92	189	2.140	0.487	0.228	12.1	20.00
29975	40.8428	117.2883	-332.9	391	QYA	0	0	0	0	61	25.0	2034	36	75	241	2.083	0.311	0.149	12.1	20.00
29976	40.8428	117.2878	-338.8	395	QYA	0	0	0	0	62	24.5	2092	42	54	246	1.286	0.220	0.171	12.2	20.00
29977	40.8429	117.2872	-347.1	399	QYA	0	0	0	0	65	24.6	2012	41	103	184	2.512	0.560	0.223	12.3	20.00
29978	40.8429	117.2867	-356.7	406	QYA	0	0	0	0	61	24.7	1964	46	58	203	1.261	0.286	0.227	12.4	20.00
29979	40.8429	117.2861	-369.5	408	QYA	0	0	0	0	67	24.7	2021	46	70	239	1.522	0.293	0.192	12.5	20.00
29980	40.8429	117.2856	-383.6	415	QYA	0	0	0	0	73	24.8	1950	34	81	198	2.382	0.409	0.172	12.5	20.00
29981	40.8429	117.2850	-395.5	418	QYA	0	0	0	0	61	24.8	2051	46	83	205	1.804	0.405	0.224	12.6	20.00
29982	40.8429	117.2845	-406.1	423	QYA	0	0	0	0	62	24.9	1985	42	76	196	1.810	0.388	0.214	12.7	20.00
29983	40.8430	117.2839	-412.4	424	QYA	0	0	0	0	62	24.9	2025	46	88	175	1.913	0.503	0.263	12.8	20.00
29984	40.8430	117.2834	-415.3	425	QYA	0	0	0	0	60	24.9	2030	38	39	233	1.026	0.167	0.163	13.0	20.00
29985	40.8430	117.2828	-415.4	428	QYA	0	0	0	0	61	25.0	1943	39	92	202	2.359	0.455	0.193	13.1	20.00
29986	40.8430	117.2823	-413.5	429	QYA	0	0	0	0	60	25.0	2071	37	102	185	2.757	0.551	0.200	13.2	20.00
29987	40.8430	117.2817	-410.4	426	QYA	0	0	0	0	65	25.0	1985	50	67	207	1.340	0.324	0.242	13.2	20.00
29988	40.8431	117.2812	-410.1	420	QYA	0	0	0	0	55	24.9	2060	33	72	202	2.182	0.356	0.163	13.3	20.00
29989	40.8431	117.2806	-411.3	416	QYA	0	0	0	0	73	24.8	2073	44	129	174	2.932	0.741	0.253	13.3	20.00
29990	40.8431	117.2801	-414.7	413	QYA	0	0	0	0	64	24.8	2035	52	108	173	2.077	0.624	0.301	13.3	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
29991	40.8431	117.2795	-417.3	410	QYA	0	0	0	0	71	24.7	2098	40	74	216	1.850	0.343	0.185	13.4	20.00
29992	40.8431	117.2789	-416.0	409	QYA	0	0	0	0	71	24.7	2118	46	54	239	1.174	0.226	0.192	13.4	20.00
29993	40.8431	117.2784	-410.1	405	QYA	0	0	0	0	62	24.7	2184	64	53	222	0.828	0.239	0.288	13.3	20.00
29994	40.8432	117.2778	-402.3	401	QYA	0	0	0	0	59	24.6	2117	38	165	180	4.342	0.917	0.211	13.3	20.00
29995	40.8432	117.2773	-392.7	398	QYA	0	0	0	0	64	28.0	1984	46	50	217	1.087	0.230	0.212	13.3	20.00
29996	40.8432	117.2767	-384.6	395	QYA	0	0	0	0	61	28.0	1972	43	56	209	1.302	0.268	0.206	13.4	20.00
29997	40.8432	117.2762	-376.0	396	QYA	0	0	0	0	65	28.0	1974	38	111	200	2.921	0.555	0.190	13.5	20.00
29998	40.8432	117.2756	-369.1	394	QYA	0	0	0	0	65	28.0	2004	38	72	190	1.895	0.379	0.200	13.5	20.00
29999	40.8432	117.2751	-363.3	387	QYA	0	0	0	0	60	27.8	2049	47	70	233	1.489	0.300	0.202	13.4	20.00
30000	40.8433	117.2745	-360.5	380	QYA	0	0	0	0	64	27.7	2013	35	83	208	2.371	0.399	0.168	13.4	20.00
30001	40.8433	117.2740	-360.7	374	QYA	0	0	0	0	70	27.6	2030	29	111	227	3.828	0.489	0.128	13.5	20.00
30002	40.8433	117.2734	-361.4	369	QYA	0	0	0	0	62	27.5	1967	39	77	201	1.974	0.383	0.194	13.5	20.00
30003	40.8433	117.2729	-362.7	369	QYA	0	0	0	0	65	27.5	1982	25	112	207	4.480	0.541	0.121	13.5	20.00
30004	40.8433	117.2723	-360.1	372	QYA	0	0	0	0	66	27.6	1887	34	62	222	1.824	0.279	0.153	13.6	20.00
30005	40.8434	117.2718	-353.9	381	QYA	0	0	0	0	62	27.7	1860	39	61	184	1.564	0.332	0.212	13.6	20.00
30006	40.8434	117.2712	-345.5	384	QYA	0	0	0	0	60	27.8	1925	50	29	202	0.580	0.144	0.248	13.6	20.00
30007	40.8434	117.2707	-334.6	386	QYA	0	0	0	0	68	27.8	1912	37	84	161	2.270	0.522	0.230	13.6	20.00
30008	40.8434	117.2701	-323.7	391	QYA	0	0	0	0	62	27.9	1915	36	107	159	2.972	0.673	0.226	13.6	20.00
30009	40.8434	117.2696	-314.0	400	QYA	0	0	0	0	68	28.0	1913	34	53	218	1.559	0.243	0.156	13.7	20.00
30010	40.8434	117.2690	-306.0	394	QYA	0	0	0	0	67	28.0	1942	34	162	138	4.765	1.174	0.246	13.6	20.00
30011	40.8435	117.2685	-301.6	393	QYA	0	0	1	0	64	27.9	1979	45	26	212	0.578	0.123	0.212	13.5	20.00
30012	40.8435	117.2679	-298.4	398	QYA	0	0	0	0	57	28.0	1910	45	38	182	0.844	0.209	0.247	13.6	20.00
30013	40.8435	117.2674	-297.8	400	QYA	0	0	0	0	70	28.0	1858	47	51	161	1.085	0.317	0.292	13.6	20.00
30014	40.8435	117.2668	-299.1	405	QYA	0	0	0	0	59	25.8	1850	41	78	161	1.902	0.484	0.255	13.6	20.00
30015	40.8435	117.2663	-300.7	410	QYA	0	0	0	0	56	25.9	1929	66	71	173	1.076	0.410	0.382	13.6	20.00
30016	40.8436	117.2657	-304.1	412	QYA	0	0	0	0	64	25.9	1810	34	102	154	3.000	0.662	0.221	13.6	20.00
30017	40.8436	117.2652	-307.9	414	QYA	0	0	0	0	67	25.9	1850	29	97	157	3.345	0.618	0.185	13.6	20.00
30018	40.8436	117.2646	-313.6	415	QYA	0	0	0	0	55	26.0	1819	45	102	139	2.267	0.734	0.324	13.6	20.00
30019	40.8436	117.2640	-319.4	421	QYA	0	0	0	0	68	26.0	1920	34	69	193	2.029	0.358	0.176	13.6	20.00
30020	40.8436	117.2635	-325.8	418	QYA	0	0	0	0	59	26.0	1856	26	128	170	4.923	0.753	0.153	13.5	20.00
30021	40.8436	117.2629	-330.2	413	QYA	0	0	0	0	66	25.9	1823	35	84	155	2.400	0.542	0.226	13.5	20.00
30022	40.8437	117.2624	-332.4	413	QYA	0	0	0	0	56	25.9	1825	48	39	198	0.813	0.197	0.242	13.5	20.00
30023	40.8437	117.2618	-329.8	406	QYA	0	0	0	0	64	25.8	1817	28	88	192	3.143	0.458	0.146	13.4	20.00
30024	40.8437	117.2613	-322.3	392	QYA	0	0	0	0	62	25.6	1822	35	95	146	2.714	0.651	0.240	13.3	20.00
30025	40.8437	117.2607	-309.4	390	QYA	0	0	0	0	58	25.6	1804	53	69	138	1.302	0.500	0.384	13.3	20.00
30026	40.8437	117.2602	-292.1	392	QYA	0	0	0	0	58	25.6	1867	46	47	176	1.022	0.267	0.261	13.2	20.00
30027	40.8438	117.2596	-273.9	392	QYA	0	0	0	0	63	25.6	1878	47	109	123	2.319	0.886	0.382	13.2	20.00
30028	40.8438	117.2591	-261.0	397	QYA	0	0	0	0	62	25.7	1869	51	71	146	1.392	0.486	0.349	13.1	20.00
30029	40.8438	117.2585	-251.7	392	QYA	0	0	0	0	53	25.6	1928	52	83	179	1.596	0.464	0.291	12.8	20.00
30030	40.8438	117.2580	-246.1	389	QYA	0	0	0	0	72	25.5	1911	45	51	190	1.133	0.268	0.237	12.7	20.00
30031	40.8438	117.2574	-244.0	387	QYA	0	0	0	0	62	25.5	1905	43	105	142	2.442	0.739	0.303	12.7	20.00
30032	40.8438	117.2569	-240.8	392	QYA	0	0	0	0	58	25.6	1818	25	80	174	3.200	0.460	0.144	12.7	20.00
30033	40.8439	117.2563	-240.0	392	QYA	0	0	0	0	67	24.3	1777	44	65	163	1.477	0.399	0.270	12.5	20.00
30034	40.8439	117.2558	-239.1	392	QYA	0	0	0	0	69	24.3	1915	41	100	171	2.439	0.585	0.240	12.4	20.00
30035	40.8439	117.2552	-238.3	387	QYA	0	0	0	0	62	24.2	1931	31	162	148	5.226	1.095	0.209	12.2	20.00
30036	40.8439	117.2547	-239.5	371	QYA	0	0	0	0	55	24.0	1766	39	80	179	2.051	0.447	0.218	12.0	20.00
30037	40.8439	117.2541	-238.0	365	QYA	0	0	0	0	59	23.9	1811	42	95	132	2.262	0.720	0.318	12.0	20.00
30038	40.8439	117.2536	-238.4	363	QYA	0	0	0	0	61	23.8	1892	55	59	174	1.073	0.339	0.316	11.9	20.00
30039	40.8440	117.2530	-238.8	359	QYA	0	0	0	0	63	23.8	1783	43	78	169	1.814	0.462	0.254	11.8	20.00
30040	40.8440	117.2525	-239.7	355	QYA	0	0	0	0	64	23.7	1839	44	72	187	1.636	0.385	0.235	11.7	20.00
30041	40.8440	117.2519	-241.1	351	QYA	0	0	0	0	58	23.7	1881	45	80	163	1.778	0.491	0.276	11.7	20.00
30042	40.8440	117.2514	-241.8	348	QYA	0	0	0	0	67	23.6	1798	45	68	186	1.511	0.366	0.242	11.6	20.00
30043	40.8440	117.2508	-243.6	350	QYA	0	0	0	0	59	23.6	1909	36	111	176	3.083	0.631	0.205	11.6	20.00
30044	40.8441	117.2503	-245.7	354	QYA	0	0	0	0	75	23.7	1896	38	111	155	2.921	0.716	0.245	11.5	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
30045	40.8441	117.2497	-246.3	359	QYA	0	0	0	0	60	23.8	1872	45	132	149	2.933	0.886	0.302	11.5	20.00
30046	40.8441	117.2491	-247.1	369	QYA	0	0	0	0	63	23.9	1879	36	84	187	2.333	0.449	0.193	11.4	20.00
30047	40.8441	117.2486	-247.5	369	QYA	0	0	0	0	65	23.9	1956	47	87	175	1.851	0.497	0.269	11.3	20.00
30048	40.8441	117.2480	-247.4	370	QYA	0	0	0	0	63	23.9	1987	58	43	194	0.741	0.222	0.299	11.2	20.00
30049	40.8441	117.2475	-247.7	374	QYA	0	0	0	0	63	24.0	1986	34	157	186	4.618	0.844	0.183	11.2	20.00
30050	40.8441	117.2469	-246.6	376	QYA	0	0	0	0	67	24.0	1946	51	93	154	1.824	0.604	0.331	11.1	20.00
30051	40.8442	117.2464	-245.4	377	QYA	0	0	0	0	67	24.0	1951	42	115	156	2.738	0.737	0.269	11.1	20.00
30052	40.8442	117.2458	-244.3	380	QYA	0	0	0	0	58	22.3	1960	42	85	205	2.024	0.415	0.205	11.1	20.00
30053	40.8442	117.2452	-242.2	380	QYA	0	0	0	0	63	22.3	2036	56	58	195	1.036	0.297	0.287	11.1	20.00
30054	40.8442	117.2447	-239.3	374	QYA	0	0	0	0	67	22.2	1989	51	99	147	1.941	0.673	0.347	11.0	20.00
30055	40.8442	117.2441	-238.4	376	QYA	0	0	0	0	60	22.2	2015	36	145	157	4.028	0.924	0.229	11.0	20.00
30056	40.8442	117.2436	-237.5	383	QYA	0	0	0	0	57	22.3	1964	61	98	137	1.607	0.715	0.445	11.1	20.00
30057	40.8442	117.2430	-236.3	394	QYA	0	0	0	0	58	22.5	2044	43	98	209	2.279	0.469	0.206	11.2	20.00
30058	40.8442	117.2424	-234.5	408	QYA	0	0	0	0	61	22.7	2054	42	135	180	3.214	0.750	0.233	11.1	20.00
30059	40.8442	117.2419	-234.9	407	QYA	0	0	0	0	60	22.6	2022	48	105	164	2.188	0.640	0.293	11.1	20.00
30060	40.8442	117.2413	-234.3	405	QOA1	0	0	0	0	67	22.6	1956	42	94	165	2.238	0.570	0.255	11.0	20.00
30061	40.8442	117.2408	-234.7	404	QOA1	0	0	0	0	63	22.6	2018	52	103	180	1.981	0.572	0.289	10.9	20.00
30062	40.8442	117.2402	-235.3	408	QOA1	0	0	1	0	63	22.7	2101	66	23	209	0.348	0.110	0.316	10.8	20.00
30063	40.8442	117.2397	-235.7	408	QOA1	0	0	0	0	64	22.7	1972	54	58	189	1.074	0.307	0.286	10.9	20.00
30064	40.8442	117.2391	-236.3	406	QOA1	0	0	0	0	63	22.6	1977	51	109	152	2.137	0.717	0.336	10.9	20.00
30065	40.8443	117.2385	-237.4	410	QOA1	0	0	0	0	67	22.7	1972	51	124	139	2.431	0.892	0.367	10.9	20.00
30066	40.8443	117.2380	-238.1	408	QOA1	0	0	0	0	61	22.7	2044	57	91	154	1.596	0.591	0.370	10.8	20.00
30067	40.8443	117.2374	-239.7	413	QOA1	0	0	0	0	61	22.7	2010	42	135	183	3.214	0.738	0.230	10.9	20.00
30068	40.8443	117.2369	-242.3	409	QOA1	0	0	0	0	67	22.7	1991	51	120	163	2.353	0.736	0.313	10.8	20.00
30069	40.8443	117.2363	-246.0	406	QOA1	0	0	0	0	63	22.6	2044	71	44	152	0.620	0.289	0.467	10.8	20.00
30070	40.8443	117.2357	-250.6	400	QOA1	0	0	0	0	63	22.6	2027	31	162	154	5.226	1.052	0.201	10.8	20.00
30071	40.8443	117.2352	-253.8	392	QOA1	0	0	0	0	64	21.2	2013	41	140	176	3.415	0.795	0.233	10.8	20.00
30072	40.8443	117.2346	-256.0	386	QOA1	0	0	0	0	68	21.2	2020	59	91	171	1.542	0.532	0.345	10.7	20.00
30073	40.8443	117.2341	-256.9	388	QOA1	0	0	0	0	61	21.2	1984	52	86	155	1.654	0.555	0.335	10.7	20.00
30074	40.8443	117.2335	-257.7	396	QOA1	0	0	0	0	68	21.3	1993	53	90	173	1.698	0.520	0.306	10.6	20.00
30075	40.8443	117.2329	-257.8	395	QYA	0	0	0	0	62	21.3	2000	33	153	169	4.636	0.905	0.195	10.6	20.00
30076	40.8443	117.2324	-258.9	395	QYA	0	0	0	0	54	21.3	2036	61	70	172	1.148	0.407	0.355	10.6	20.00
30077	40.8443	117.2318	-258.8	391	QYA	0	0	0	0	60	21.2	2040	54	64	197	1.185	0.325	0.274	10.5	20.00
30078	40.8443	117.2313	-258.7	388	QYA	0	0	0	0	52	21.2	2012	52	83	190	1.596	0.437	0.274	10.6	20.00
30079	40.8444	117.2307	-259.4	388	QYA	0	0	0	0	60	21.2	2064	42	122	154	2.905	0.792	0.273	10.7	20.00
30080	40.8444	117.2301	-258.0	386	QYA	0	0	0	0	66	21.2	2078	52	146	153	2.808	0.954	0.340	10.7	20.00
30081	40.8444	117.2296	-256.7	383	QYA	0	0	0	0	68	21.1	2063	44	131	187	2.977	0.701	0.235	10.7	20.00
30082	40.8444	117.2290	-256.1	378	QYA	0	0	0	0	63	21.1	2078	53	113	187	2.132	0.604	0.283	10.7	20.00
30083	40.8444	117.2285	-254.8	371	QYA	0	0	0	0	70	21.0	2030	49	81	199	1.653	0.407	0.246	10.7	20.00
30084	40.8444	117.2279	-252.7	367	QYA	0	0	0	0	64	20.9	2011	57	116	148	2.035	0.784	0.385	10.7	20.00
30085	40.8444	117.2273	-250.8	366	QOA1	0	0	0	0	68	20.9	1971	37	108	174	2.919	0.621	0.213	10.7	20.00
30086	40.8444	117.2268	-249.0	362	QOA1	0	0	0	0	62	20.8	2010	46	127	148	2.761	0.858	0.311	10.7	20.00
30087	40.8444	117.2262	-247.3	362	QOA1	0	0	0	0	68	20.8	2026	37	143	153	3.865	0.935	0.242	10.6	20.00
30088	40.8444	117.2257	-244.5	361	QOA1	0	0	0	0	60	20.8	1964	42	149	139	3.548	1.072	0.302	10.6	20.00
30089	40.8444	117.2251	-242.1	367	QOA1	0	0	0	0	74	20.9	2064	30	91	211	3.033	0.431	0.142	10.7	20.00
30090	40.8444	117.2245	-239.6	375	QOA1	0	0	0	0	68	23.2	2050	40	141	177	3.525	0.797	0.226	10.6	20.00
30091	40.8444	117.2240	-237.4	385	QOA1	0	0	0	0	65	23.4	1885	40	120	145	3.000	0.828	0.276	10.7	20.00
30092	40.8445	117.2234	-236.2	395	QOA1	0	0	0	0	53	23.5	1998	55	50	188	0.909	0.266	0.293	10.7	20.00
30093	40.8445	117.2229	-234.6	394	QOA1	0	0	0	0	65	23.5	2014	55	46	189	0.836	0.243	0.291	10.6	20.00
30094	40.8445	117.2223	-234.0	394	QOA1	0	0	1	0	62	23.5	1977	60	8	206	0.133	0.039	0.291	10.6	20.00
30095	40.8445	117.2218	-233.1	392	QOA1	0	0	0	0	62	23.5	1956	55	68	167	1.236	0.407	0.329	10.6	20.00
30096	40.8445	117.2212	-234.5	384	QOA1	0	0	0	0	64	23.4	1976	54	102	151	1.889	0.675	0.358	10.8	20.00
30097	40.8445	117.2206	-235.4	387	QOA1	0	0	0	0	63	23.4	1914	44	30	200	0.682	0.150	0.220	10.8	20.00
30098	40.8445	117.2201	-236.8	387	QOA1	0	0	0	0	57	23.4	1995	58	65	184	1.121	0.353	0.315	10.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
30099	40.8445	117.2195	-235.4	392	QOA1	0	0	0	0	65	23.5	1959	49	83	122	1.694	0.680	0.402	10.8	20.00
30100	40.8445	117.2190	-232.7	393	QOA1	0	0	0	0	63	23.5	1963	41	85	170	2.073	0.500	0.241	10.8	20.00
30101	40.8445	117.2184	-229.8	397	QOA1	0	0	0	0	62	23.5	1891	46	123	133	2.674	0.925	0.346	10.8	20.00
30102	40.8445	117.2178	-227.2	402	QOA1	0	0	0	0	65	23.6	1867	56	85	154	1.518	0.552	0.364	10.8	20.00
30103	40.8445	117.2173	-223.1	397	QOA1	0	0	0	0	55	23.5	1973	59	85	134	1.441	0.634	0.440	10.7	20.00
30104	40.8445	117.2167	-220.7	395	QOA1	0	0	0	0	65	23.5	1960	39	103	161	2.641	0.640	0.242	10.7	20.00
30105	40.8445	117.2162	-218.6	398	QOA1	0	0	0	0	57	23.6	1826	38	98	133	2.579	0.737	0.286	10.7	20.00
30106	40.8446	117.2156	-214.9	408	QOA1	0	0	0	0	59	23.7	1884	42	103	133	2.452	0.774	0.316	10.7	20.00
30107	40.8446	117.2150	-212.3	403	QOA1	0	0	0	0	66	23.6	1868	53	34	155	0.642	0.219	0.342	10.4	20.00
30108	40.8446	117.2145	-208.5	394	QOA1	0	0	0	0	55	23.5	1950	55	91	157	1.655	0.580	0.350	10.3	20.00
30109	40.8446	117.2139	-204.4	390	QOA1	0	0	0	0	66	26.7	1797	27	118	151	4.370	0.781	0.179	10.3	20.00
30110	40.8446	117.2134	-200.0	391	QOA1	0	0	0	0	62	26.8	1795	42	86	162	2.048	0.531	0.259	10.3	20.00
30111	40.8446	117.2128	-193.9	393	QOA1	0	0	0	0	64	26.8	1660	32	37	174	1.156	0.213	0.184	10.3	20.00
30112	40.8446	117.2122	-191.4	397	QOA1	0	0	0	0	63	26.8	1748	49	30	148	0.612	0.203	0.331	10.4	20.00
30113	40.8446	117.2117	-191.3	402	QOA1	0	0	0	0	67	26.9	1745	45	88	125	1.956	0.704	0.360	10.4	20.00
30114	40.8446	117.2111	-194.4	401	QOA1	0	0	0	0	64	26.9	1822	35	72	159	2.057	0.453	0.220	10.3	20.00
30115	40.8446	117.2106	-197.5	402	QOA1	0	0	0	0	59	26.9	1831	55	71	157	1.291	0.452	0.350	10.3	20.00
30116	40.8446	117.2100	-202.5	399	QOA1	0	0	0	0	64	26.9	1774	48	79	123	1.646	0.642	0.390	10.3	20.00
30117	40.8446	117.2094	-206.1	397	QOA1	0	0	0	0	61	26.9	1649	34	85	121	2.500	0.702	0.281	10.3	20.00
30118	40.8446	117.2089	-210.3	393	QOA1	0	0	0	0	64	26.8	1869	39	77	193	1.974	0.399	0.202	10.3	20.00
30119	40.8446	117.2083	-213.6	390	QOA1	0	0	0	0	66	26.7	1774	53	64	151	1.208	0.424	0.351	10.3	20.00
30120	40.8447	117.2078	-216.0	388	OV1	0	0	0	0	56	26.7	1848	41	103	147	2.512	0.701	0.279	10.4	20.00
30121	40.8447	117.2072	-217.6	391	OV1	0	0	0	0	66	26.7	1831	39	107	146	2.744	0.733	0.267	10.5	20.00
30122	40.8447	117.2066	-217.3	389	OV1	0	0	0	0	60	26.7	1915	57	79	159	1.386	0.497	0.358	10.5	20.00
30123	40.8447	117.2061	-217.7	384	OV1	0	0	0	0	62	26.6	1910	35	98	161	2.800	0.609	0.217	10.5	20.00
30124	40.8447	117.2055	-216.6	381	OV1	0	0	0	0	59	26.6	1970	37	138	152	3.730	0.908	0.243	10.5	20.00
30125	40.8447	117.2050	-212.5	381	OV1	0	0	0	0	65	26.6	1922	45	56	195	1.244	0.287	0.231	10.6	20.00
30126	40.8447	117.2044	-205.6	383	OV1	0	0	0	0	61	26.6	1908	41	91	173	2.220	0.526	0.237	10.7	20.00
30127	40.8447	117.2039	-201.0	383	OV1	0	0	0	0	62	26.6	1848	44	39	201	0.886	0.194	0.219	10.8	20.00
30128	40.8447	117.2033	-198.3	387	OV1	0	0	0	0	62	32.1	1890	42	30	202	0.714	0.149	0.208	10.8	20.00
30129	40.8447	117.2027	-203.5	383	OV1	0	0	1	0	66	32.0	1850	43	6	193	0.140	0.031	0.223	10.7	20.00
30130	40.8447	117.2022	-210.7	374	OV1	0	0	0	0	65	31.8	1881	50	58	167	1.160	0.347	0.299	10.6	20.00
30131	40.8447	117.2016	-221.3	370	QYA	0	0	0	0	65	31.8	1887	44	94	159	2.136	0.591	0.277	10.7	20.00
30132	40.8447	117.2011	-230.7	372	QYA	0	0	0	0	67	31.8	1819	35	58	182	1.657	0.319	0.192	10.9	20.00
30133	40.8448	117.2005	-230.8	377	QYA	0	0	0	0	54	31.9	1874	49	88	147	1.796	0.599	0.333	11.0	20.00
30134	40.8448	117.1999	-226.1	376	QYA	0	0	0	0	63	31.9	1859	44	114	156	2.591	0.731	0.282	11.0	20.00
30135	40.8448	117.1994	-229.8	376	QYA	0	0	0	0	66	31.9	1774	52	31	151	0.596	0.205	0.344	10.9	20.00
30136	40.8448	117.1988	-243.4	374	QYA	0	0	0	0	56	31.8	1874	69	58	144	0.841	0.403	0.479	11.1	20.00
30137	40.8448	117.1983	-256.8	370	QYA	0	0	0	0	68	31.8	1886	45	115	98	2.556	1.173	0.459	11.1	20.00
30138	40.8448	117.1977	-261.2	368	QYA	0	0	0	0	66	31.7	1911	56	87	154	1.740	0.565	0.325	11.1	20.00
30139	40.8448	117.1971	-258.1	366	QYA	0	0	0	0	61	31.7	1980	34	120	177	3.529	0.678	0.192	11.3	20.00
30140	40.8448	117.1966	-252.0	371	QYA	0	0	0	0	59	31.8	1888	40	108	145	2.700	0.745	0.276	11.3	20.00
30141	40.8448	117.1960	-235.8	375	QYA	0	0	1	0	55	31.9	1918	62	21	184	0.339	0.114	0.337	11.3	20.00
30142	40.8448	117.1955	-221.9	381	QYA	0	0	0	0	66	32.0	1900	58	50	144	0.862	0.347	0.403	11.3	20.00
30143	40.8448	117.1949	-216.8	377	QYA	0	0	0	0	54	31.9	1822	47	64	163	1.362	0.393	0.288	11.3	20.00
30144	40.8448	117.1943	-212.6	378	QYA	0	0	0	0	63	31.9	1829	60	59	128	0.983	0.461	0.469	11.3	20.00
30145	40.8448	117.1938	-207.8	380	QYA	0	0	0	0	68	32.0	1969	43	124	147	2.884	0.844	0.293	11.3	20.00
30146	40.8448	117.1932	-199.0	393	QYA	0	0	0	0	63	32.2	1876	51	56	190	1.098	0.295	0.268	11.4	20.00
30147	40.8449	117.1927	-189.6	396	QYA	0	0	0	0	62	33.2	1909	41	95	155	2.317	0.613	0.265	11.3	20.00
30148	40.8449	117.1921	-180.0	400	QYA	0	0	0	0	61	33.3	1847	51	106	117	2.078	0.906	0.436	11.3	20.00
30149	40.8449	117.1915	-176.1	397	QYA	0	0	0	0	63	33.2	1911	45	97	157	2.156	0.618	0.287	11.3	20.00
30150	40.8449	117.1910	-203.0	399	QYA	0	0	0	0	63	33.3	1856	46	56	139	1.217	0.403	0.331	11.3	20.00
30151	40.8449	117.1904	-229.7	388	QYA	0	0	0	0	62	33.1	1718	34	175	66	5.147	2.652	0.515	11.3	20.00
30152	40.8449	117.1899	-242.1	380	QYA	0	0	0	0	66	32.9	1702	39	64	136	1.641	0.471	0.287	11.3	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
30153	40.8449	117.1893	-241.1	366	QYA	0	0	0	0	64	32.6	1563	23	84	113	3.652	0.743	0.204	11.3	20.00
30154	40.8449	117.1887	-236.9	352	QYA	0	0	0	0	62	32.3	1522	33	49	136	1.485	0.360	0.243	11.3	20.00
30155	40.8449	117.1882	-276.8	346	QYA	0	0	0	0	60	32.2	1434	31	23	130	0.742	0.177	0.238	11.2	20.00
30156	40.8449	117.1876	-389.2	347	QYA	0	0	0	0	66	32.2	1429	22	62	115	2.818	0.539	0.191	11.2	20.00
30157	40.8449	117.1871	-509.1	337	QYA	0	0	0	0	63	32.0	1477	28	68	87	2.429	0.782	0.322	11.2	20.00
30158	40.8449	117.1865	-551.3	334	QYA	0	0	1	0	60	32.0	1370	21	16	131	0.762	0.122	0.160	11.3	20.00
30159	40.8449	117.1859	-540.8	343	QYA	0	0	0	0	67	32.1	1466	33	67	98	2.030	0.684	0.337	11.4	20.00
30160	40.8449	117.1854	-504.8	358	QYA	0	0	0	0	61	32.5	1503	30	98	91	3.267	1.077	0.330	11.4	20.00
30161	40.8450	117.1848	-468.6	376	QYA	0	0	0	0	72	32.8	1536	25	114	91	4.560	1.253	0.275	11.4	20.00
30162	40.8450	117.1843	-426.1	387	QYA	0	0	0	0	66	33.0	1717	40	58	136	1.450	0.426	0.294	11.4	20.00
30163	40.8450	117.1837	-389.6	397	QYA	0	0	0	0	58	33.2	1807	41	93	157	2.268	0.592	0.261	11.5	20.00
30164	40.8450	117.1832	-354.9	405	QYA	0	0	0	0	60	33.4	1899	52	66	141	1.269	0.468	0.369	11.5	20.00
30165	40.8450	117.1826	-305.0	413	QYA	0	0	0	0	55	33.6	2025	48	105	179	2.188	0.587	0.268	11.5	20.00
30166	40.8450	117.1820	-248.8	425	QYA	0	0	0	0	71	36.8	1916	63	45	153	0.714	0.294	0.412	11.5	20.00
30167	40.8450	117.1815	-199.4	428	QYA	0	0	0	0	57	36.9	1908	41	107	154	2.610	0.695	0.266	11.5	20.00
30168	40.8450	117.1809	-150.8	426	QYA	0	0	0	0	55	36.9	1999	43	66	178	1.535	0.371	0.242	11.5	20.00
30169	40.8450	117.1804	-83.2	424	QYA	0	0	0	0	68	36.8	1990	37	110	168	2.973	0.655	0.220	11.5	20.00
30170	40.8450	117.1798	0.2	427	QYA	0	0	0	0	66	36.9	1980	31	82	170	2.645	0.482	0.182	11.5	20.00
30171	40.8450	117.1792	73.8	426	QYA	0	0	0	0	61	36.8	2023	52	59	187	1.135	0.316	0.278	11.4	20.00
30172	40.8450	117.1787	110.7	418	QYA	0	0	0	0	62	36.7	1898	43	84	142	1.953	0.592	0.303	11.3	20.00
30173	40.8450	117.1781	95.2	412	QYA	0	0	0	0	65	36.6	1914	39	132	145	3.385	0.910	0.269	11.2	20.00
30174	40.8451	117.1776	76.4	413	QYA	0	0	0	0	72	36.6	1829	39	40	185	1.026	0.216	0.211	11.3	20.00
30175	40.8451	117.1770	76.0	415	QYA	0	0	0	0	62	36.6	1807	39	63	170	1.615	0.371	0.229	11.3	20.00
30176	40.8451	117.1764	67.6	416	QYA	0	0	0	0	61	36.6	1913	43	36	224	0.837	0.161	0.192	11.3	20.00
30177	40.8451	117.1759	51.1	404	QYA	0	0	0	0	63	36.4	1868	38	105	147	2.763	0.714	0.259	11.3	20.00
30178	40.8451	117.1753	37.0	401	QYA	0	0	1	0	67	36.3	1842	56	-2	188	-0.036	-0.011	0.298	11.3	20.00
30179	40.8451	117.1748	4.4	405	QYA	0	0	0	0	58	36.4	1829	39	98	163	2.513	0.601	0.239	11.4	20.00
30180	40.8451	117.1742	-67.2	408	QYA	0	0	0	0	57	36.5	1878	37	60	179	1.622	0.335	0.207	11.3	20.00
30181	40.8451	117.1736	-146.0	417	QYA	0	0	0	0	61	36.7	1832	31	66	186	2.129	0.355	0.167	11.4	20.00
30182	40.8451	117.1731	-208.6	420	QYA	0	0	0	0	72	36.7	1812	20	122	133	6.100	0.917	0.150	11.4	20.00
30183	40.8451	117.1725	-239.0	413	QYA	0	0	0	0	66	36.6	1801	30	60	166	2.000	0.361	0.181	11.3	20.00
30184	40.8451	117.1720	-246.0	404	QYA	0	0	1	0	72	36.4	1853	35	14	189	0.400	0.074	0.185	11.2	20.00
30185	40.8451	117.1714	-241.4	401	QYA	0	0	0	0	65	34.4	1848	42	58	184	1.381	0.315	0.228	11.3	20.00
30186	40.8451	117.1708	-229.5	404	QYA	0	0	0	0	66	34.5	1946	25	127	178	5.080	0.713	0.140	11.3	20.00
30187	40.8451	117.1703	-222.6	402	QYA	0	0	0	0	66	34.4	1944	53	66	190	1.245	0.347	0.279	11.2	20.00
30188	40.8452	117.1697	-213.0	399	QYA	0	0	0	0	62	34.4	1923	41	80	158	1.951	0.506	0.259	11.2	20.00
30189	40.8452	117.1692	-193.2	398	QYA	0	0	1	0	68	34.3	2002	57	25	193	0.439	0.130	0.295	11.2	20.00
30190	40.8452	117.1686	-149.6	391	QYA	0	0	0	0	63	34.2	2029	41	88	201	2.146	0.438	0.204	11.0	20.00
30191	40.8452	117.1680	-83.0	388	QYA	0	0	0	0	60	34.1	1981	46	80	172	1.739	0.465	0.267	11.0	20.00
30192	40.8452	117.1675	-39.9	385	QYA	0	0	0	0	66	34.1	2076	56	86	185	1.536	0.465	0.303	11.0	20.00
30193	40.8452	117.1669	-63.6	380	QYA	0	0	0	0	63	34.0	2136	58	42	235	0.724	0.179	0.247	11.0	20.00
30194	40.8452	117.1664	-136.7	379	QYA	0	0	0	0	63	33.9	2240	49	61	215	1.245	0.284	0.228	11.0	20.00
30195	40.8452	117.1658	-230.6	376	QYA	0	0	0	0	64	33.9	2260	62	104	225	1.677	0.462	0.276	11.0	20.00
30196	40.8452	117.1652	-334.8	368	QYA	0	0	0	0	60	33.7	2211	69	43	212	0.623	0.203	0.325	10.9	20.00
30197	40.8452	117.1647	-416.2	361	QYA	0	0	0	0	67	33.6	2204	48	96	213	2.000	0.451	0.225	10.8	20.00
30198	40.8452	117.1641	-480.9	352	QYA	0	0	0	0	63	33.4	2218	60	61	209	1.017	0.292	0.287	10.8	20.00
30199	40.8452	117.1636	-510.8	348	QYA	0	0	0	0	60	33.3	2362	54	119	239	2.204	0.498	0.226	10.8	20.00
30200	40.8452	117.1630	-491.3	339	QYA	0	0	0	0	77	33.1	2250	49	113	218	2.306	0.518	0.225	10.8	20.00
30201	40.8452	117.1625	-435.7	334	QYA	0	0	0	0	60	33.0	2353	59	117	191	1.983	0.613	0.309	10.8	20.00
30202	40.8453	117.1619	-382.9	326	QYA	0	0	0	0	56	32.8	2263	43	179	205	4.163	0.873	0.210	10.7	20.00
30203	40.8453	117.1613	-343.3	326	QYA	0	0	0	0	63	32.8	2232	67	108	174	1.612	0.621	0.385	10.7	20.00
30204	40.8453	117.1607	-332.7	324	QYA	0	0	0	0	67	34.3	2180	61	67	191	1.098	0.351	0.319	10.7	20.00
30205	40.8453	117.1601	-345.2	333	QYA	0	0	0	0	68	34.5	2368	57	131	207	2.298	0.633	0.275	10.6	20.00
30206	40.8452	117.1594	-346.6	339	QYA	0	0	0	0	65	34.6	2354	54	78	240	1.444	0.325	0.225	10.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
30207	40.8452	117.1588	-329.7	341	QYA	0	0	0	0	61	34.7	2278	48	138	190	2.875	0.726	0.253	10.6	20.00
30208	40.8452	117.1582	-302.1	339	QYA	0	0	0	0	67	34.6	2244	58	85	225	1.466	0.378	0.258	10.6	20.00
30209	40.8452	117.1576	-257.0	336	QYA	0	0	0	0	54	34.6	2276	68	106	185	1.559	0.573	0.368	10.6	20.00
30210	40.8452	117.1569	-210.1	335	QYA	0	0	0	0	64	34.6	2292	56	99	233	1.768	0.425	0.240	10.4	20.00
30211	40.8452	117.1563	-199.2	344	QYA	0	0	0	0	67	34.8	2299	75	84	216	1.120	0.389	0.347	10.4	20.00
30212	40.8452	117.1557	-209.0	348	QYA	0	0	0	0	58	34.9	2290	59	121	210	2.051	0.576	0.281	10.3	20.00
30213	40.8452	117.1551	-219.9	354	QYA	0	0	0	0	67	35.0	2327	53	103	222	1.943	0.464	0.239	10.3	20.00
30214	40.8452	117.1544	-230.2	361	QYA	0	0	0	0	68	35.1	2262	69	122	173	1.768	0.705	0.399	10.3	20.00
30215	40.8452	117.1538	-237.0	369	QYA	0	0	0	0	60	35.3	2349	61	123	182	2.016	0.676	0.335	10.3	20.00
30216	40.8452	117.1532	-244.8	381	QYA	0	0	0	0	64	35.6	2285	58	131	178	2.259	0.736	0.326	10.2	20.00
30217	40.8452	117.1525	-250.8	394	QYA	0	0	0	0	60	35.9	2330	55	116	230	2.109	0.504	0.239	10.2	20.00
30218	40.8452	117.1519	-252.7	401	QYA	0	0	0	0	58	36.0	2313	69	129	142	1.870	0.908	0.486	10.1	20.00
30219	40.8452	117.1513	-251.1	398	QYA	0	0	0	0	68	35.9	2386	56	147	196	2.625	0.750	0.286	10.2	20.00
30220	40.8452	117.1507	-247.4	401	QYA	0	0	0	0	66	36.0	2333	66	121	217	1.833	0.558	0.304	10.2	20.00
30221	40.8452	117.1500	-245.3	407	QYA	0	0	0	0	66	36.1	2316	65	134	179	2.062	0.749	0.363	10.2	20.00
30222	40.8452	117.1494	-244.8	414	QYA	0	0	0	0	64	36.3	2327	47	95	219	2.021	0.434	0.215	10.1	20.00
30223	40.8452	117.1488	-248.2	421	QYA	0	0	0	0	60	32.5	2380	63	146	208	2.317	0.702	0.303	10.2	20.00
30224	40.8452	117.1481	-248.0	427	QYA	0	0	0	0	65	32.6	2314	75	69	192	0.920	0.359	0.391	10.1	20.00
30225	40.8452	117.1475	-247.8	436	QYA	0	0	0	0	63	32.7	2341	54	141	192	2.611	0.734	0.281	10.1	20.00
30226	40.8452	117.1469	-248.9	443	QYA	0	0	0	0	68	32.9	2234	56	95	219	1.696	0.434	0.256	10.1	20.00
30227	40.8452	117.1463	-249.3	446	QYA	0	0	1	0	64	32.9	2199	66	18	240	0.273	0.075	0.275	10.0	20.00
30228	40.8452	117.1456	-249.2	445	QYA	0	0	0	0	74	32.9	2186	54	131	139	2.426	0.942	0.388	9.9	20.00
30229	40.8451	117.1450	-249.5	445	QYA	0	0	0	0	66	32.9	2227	50	154	162	3.080	0.951	0.309	9.9	20.00
30230	40.8451	117.1444	-248.4	445	QYA	0	0	0	0	61	32.9	2164	74	51	210	0.689	0.243	0.352	9.9	20.00
30231	40.8451	117.1437	-246.5	449	QYA	0	0	0	0	60	33.0	2115	56	36	243	0.643	0.148	0.230	10.1	20.00
30232	40.8451	117.1431	-246.2	448	QYA	0	0	0	0	62	33.0	2056	54	59	196	1.093	0.301	0.276	10.0	20.00
30233	40.8451	117.1425	-244.4	435	QYA	0	0	0	0	67	32.7	2052	48	71	190	1.479	0.374	0.253	9.9	20.00
30234	40.8451	117.1419	-243.6	431	QYA	0	0	0	0	63	32.6	2132	51	96	165	1.882	0.582	0.309	9.8	20.00
30235	40.8451	117.1412	-243.0	425	QYA	0	0	0	0	58	32.5	2252	68	84	204	1.235	0.412	0.333	9.8	20.00
30236	40.8451	117.1406	-241.9	420	QYA	0	0	0	0	66	32.4	2280	56	77	220	1.375	0.350	0.255	9.8	20.00
30237	40.8451	117.1400	-240.6	416	QYA	0	0	0	0	61	32.4	2320	70	90	192	1.286	0.469	0.365	9.9	20.00
30238	40.8451	117.1393	-240.0	411	QYA	0	0	0	0	52	32.3	2315	52	103	225	1.981	0.458	0.231	10.0	20.00
30239	40.8451	117.1387	-239.5	404	QYA	0	0	0	0	63	32.1	2245	67	108	189	1.612	0.571	0.354	9.9	20.00
30240	40.8451	117.1381	-239.1	402	QYA	0	0	0	0	64	32.1	2180	50	101	205	2.020	0.493	0.244	9.9	20.00
30241	40.8451	117.1375	-238.3	395	QYA	0	0	0	0	63	32.0	2221	75	111	153	1.480	0.725	0.490	9.9	20.00
30242	40.8451	117.1368	-238.0	386	QYA	0	0	0	0	69	34.3	2327	68	46	218	0.676	0.211	0.312	10.0	20.00
30243	40.8451	117.1362	-238.0	374	QYA	0	0	0	0	60	34.1	2290	54	98	240	1.815	0.408	0.225	10.0	20.00
30244	40.8451	117.1356	-237.5	363	QYA	0	0	0	0	63	33.8	2232	66	78	198	1.182	0.394	0.333	10.0	20.00
30245	40.8451	117.1349	-238.7	351	QYA	0	0	0	0	64	33.6	2358	66	101	199	1.530	0.508	0.332	10.1	20.00
30246	40.8451	117.1343	-241.7	340	QYA	0	0	0	0	64	33.3	2328	79	92	213	1.165	0.432	0.371	10.1	20.00
30247	40.8451	117.1337	-244.4	329	QYA	0	0	0	0	56	33.1	2323	70	134	199	1.914	0.673	0.352	10.2	20.00
30248	40.8451	117.1331	-249.6	323	QYA	0	0	0	0	61	33.0	2247	47	121	210	2.574	0.576	0.224	10.2	20.00
30249	40.8451	117.1324	-254.2	324	QYA	0	0	0	0	66	33.0	2316	61	79	221	1.295	0.357	0.276	10.2	20.00
30250	40.8451	117.1318	-257.8	329	QYA	0	0	0	0	57	33.1	2348	75	51	220	0.680	0.232	0.341	10.3	20.00
30251	40.8450	117.1312	-258.2	336	QYA	0	0	0	0	53	33.2	2347	60	118	239	1.967	0.494	0.251	10.3	20.00
30252	40.8450	117.1305	-256.4	346	QYA	0	0	0	0	59	33.5	2291	65	62	226	0.954	0.274	0.288	10.3	20.00
30253	40.8450	117.1299	-252.3	354	QYA	0	0	0	0	66	33.6	2285	71	134	168	1.887	0.798	0.423	10.4	20.00
30254	40.8450	117.1293	-245.9	360	QYA	0	0	0	0	68	33.8	2264	73	88	182	1.205	0.484	0.401	10.4	20.00
30255	40.8450	117.1287	-240.7	366	QYA	0	0	0	0	71	33.9	2298	54	100	253	1.852	0.395	0.213	10.4	20.00
30256	40.8450	117.1280	-235.8	374	QYA	0	0	0	0	69	34.1	2337	74	90	203	1.216	0.443	0.365	10.5	20.00
30257	40.8450	117.1274	-232.6	383	QYA	0	0	0	0	62	34.2	2366	59	182	170	3.085	1.071	0.347	10.5	20.00
30258	40.8450	117.1268	-229.1	390	QYA	0	0	0	0	70	34.4	2338	62	109	176	1.758	0.619	0.352	10.6	20.00
30259	40.8450	117.1261	-227.8	394	QYA	0	0	0	0	55	34.5	2300	47	113	203	2.404	0.557	0.232	10.6	20.00
30260	40.8450	117.1255	-226.8	399	QYA	0	0	0	0	58	34.6	2251	56	107	195	1.911	0.549	0.287	10.6	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
30261	40.8450	117.1249	-224.9	404	QYA	0	0	0	0	53	34.1	2347	73	38	238	0.521	0.160	0.307	10.7	20.00
30262	40.8450	117.1243	-225.5	411	QYA	0	0	0	0	66	34.3	2324	52	128	193	2.462	0.663	0.269	10.8	20.00
30263	40.8450	117.1236	-224.6	418	QYA	0	0	0	0	75	34.4	2339	67	49	239	0.731	0.205	0.280	10.9	20.00
30264	40.8450	117.1230	-224.4	420	QYA	0	0	0	0	63	34.4	2326	58	119	205	2.052	0.580	0.283	10.9	20.00
30265	40.8450	117.1224	-224.4	420	QYA	0	0	0	0	65	34.4	2311	70	83	201	1.186	0.413	0.348	10.9	20.00
30266	40.8450	117.1218	-223.4	425	QYA	0	0	0	0	70	34.5	2324	63	60	243	0.952	0.247	0.259	10.9	20.00
30267	40.8450	117.1211	-224.5	431	QYA	0	0	0	0	63	34.6	2326	59	123	170	2.085	0.724	0.347	10.9	20.00
30268	40.8450	117.1205	-226.4	435	QYA	0	0	0	0	71	34.7	2311	65	74	197	1.138	0.376	0.330	10.9	20.00
30269	40.8450	117.1199	-230.5	440	QYA	0	0	0	0	62	34.8	2289	67	85	199	1.269	0.427	0.337	10.9	20.00
30270	40.8450	117.1192	-234.4	435	QYA	0	0	0	0	63	34.7	2325	61	85	211	1.393	0.403	0.289	10.8	20.00
30271	40.8450	117.1186	-240.6	433	QYA	0	0	0	0	59	34.7	2364	83	37	186	0.446	0.199	0.446	10.8	20.00
30272	40.8450	117.1180	-249.2	435	QYA	0	0	0	0	58	34.7	2344	55	106	237	1.927	0.447	0.232	10.8	20.00
30273	40.8449	117.1174	-257.5	439	QYA	0	0	0	0	62	34.8	2316	67	117	165	1.746	0.709	0.406	10.9	20.00
30274	40.8449	117.1167	-265.9	442	QYA	0	0	0	0	68	34.9	2330	61	117	205	1.918	0.571	0.298	10.8	20.00
30275	40.8449	117.1161	-275.0	443	QYA	0	0	0	0	65	34.9	2347	52	56	244	1.077	0.230	0.213	10.9	20.00
30276	40.8449	117.1155	-282.4	446	QYA	0	0	0	0	64	34.9	2357	65	78	213	1.200	0.366	0.305	10.9	20.00
30277	40.8449	117.1148	-290.2	448	QYA	0	0	0	0	68	35.0	2377	62	130	179	2.097	0.726	0.346	10.9	20.00
30278	40.8449	117.1142	-299.1	449	QYA	0	0	0	0	64	35.0	2295	61	142	154	2.328	0.922	0.396	10.9	20.00
30279	40.8449	117.1136	-306.7	449	QYA	0	0	0	0	66	35.0	2332	65	151	160	2.323	0.944	0.406	10.9	20.00
30280	40.8449	117.1130	-312.8	452	QYA	0	0	0	0	58	35.6	2324	52	95	234	1.827	0.406	0.222	10.9	20.00
30281	40.8449	117.1123	-319.0	452	QYA	0	0	0	0	62	35.7	2425	61	117	229	1.918	0.511	0.266	10.9	20.00
30282	40.8449	117.1117	-323.2	445	QYA	0	0	0	0	66	35.5	2353	70	59	235	0.843	0.251	0.298	10.7	20.00
30283	40.8449	117.1111	-326.1	438	QYA	0	0	0	0	66	35.4	2338	60	122	177	2.033	0.689	0.339	10.7	20.00
30284	40.8449	117.1104	-328.0	438	QYA	0	0	0	0	60	35.4	2407	78	135	186	1.731	0.726	0.419	10.8	20.00
30285	40.8449	117.1098	-329.4	437	QYA	0	0	0	0	60	35.4	2421	42	185	180	4.405	1.028	0.233	10.8	20.00
30286	40.8449	117.1092	-329.8	436	QYA	0	0	0	0	61	35.3	2384	61	88	231	1.443	0.381	0.264	10.8	20.00
30287	40.8449	117.1086	-329.1	439	QYA	0	0	0	0	57	35.4	2392	49	169	187	3.449	0.904	0.262	10.9	20.00
30288	40.8449	117.1079	-329.6	432	QYA	0	0	0	0	68	35.3	2360	71	84	224	1.183	0.375	0.317	10.8	20.00
30289	40.8449	117.1073	-327.5	425	QYA	0	0	0	0	62	35.1	2373	72	109	212	1.514	0.514	0.340	10.8	20.00
30290	40.8449	117.1067	-324.7	420	QYA	0	0	0	0	68	35.0	2441	64	123	203	1.922	0.606	0.315	10.8	20.00
30291	40.8449	117.1060	-322.1	416	QYA	0	0	0	0	68	34.9	2354	54	170	169	3.148	1.006	0.320	10.9	20.00
30292	40.8449	117.1054	-317.0	413	QYA	0	0	0	0	74	34.9	2362	46	138	189	3.000	0.730	0.243	10.9	20.00
30293	40.8449	117.1048	-311.4	414	QYA	0	0	0	0	61	34.9	2414	66	72	210	1.091	0.343	0.314	10.9	20.00
30294	40.8449	117.1042	-304.5	418	QYA	0	0	0	0	65	35.0	2297	55	132	157	2.400	0.841	0.350	10.9	20.00
30295	40.8449	117.1035	-296.9	421	QYA	0	0	0	0	61	35.0	2373	55	197	125	3.582	1.576	0.440	10.9	20.00
30296	40.8448	117.1029	-290.5	426	QYA	0	0	0	0	64	35.1	2438	66	100	207	1.515	0.483	0.319	10.9	20.00
30297	40.8448	117.1023	-284.9	421	QYA	0	0	0	0	71	35.0	2341	55	88	240	1.600	0.367	0.229	10.9	20.00
30298	40.8448	117.1016	-280.5	420	QYA	0	0	0	0	55	35.0	2358	69	31	238	0.449	0.130	0.290	10.9	20.00
30299	40.8448	117.1010	-276.1	422	QYA	0	0	0	0	49	31.0	2341	53	156	217	2.943	0.719	0.244	11.0	20.00
30300	40.8448	117.1004	-273.1	415	QYA	0	0	1	0	59	30.9	2443	81	23	243	0.284	0.095	0.333	10.9	20.00
30301	40.8448	117.0998	-269.8	407	QYA	0	0	0	0	63	30.8	2315	57	140	180	2.456	0.778	0.317	10.9	20.00
30302	40.8448	117.0991	-268.4	406	QYA	0	0	0	0	58	30.7	2357	69	84	219	1.217	0.384	0.315	11.0	20.00
30303	40.8448	117.0985	-267.6	402	QYA	0	0	0	0	65	30.7	2372	66	134	193	2.030	0.694	0.342	11.1	20.00
30304	40.8448	117.0979	-266.7	402	QYA	0	0	0	0	66	30.7	2351	57	117	190	2.053	0.616	0.300	11.1	20.00
30305	40.8448	117.0972	-267.1	401	QYA	0	0	0	0	66	30.7	2243	46	133	223	2.891	0.596	0.206	11.1	20.00
30306	40.8448	117.0966	-267.5	400	QYA	0	0	0	0	63	30.6	2364	82	91	182	1.110	0.500	0.451	11.1	20.00
30307	40.8448	117.0960	-267.6	401	QYA	0	0	0	0	58	30.7	2334	64	121	200	1.891	0.605	0.320	11.2	20.00
30308	40.8448	117.0954	-268.6	397	QYA	0	0	0	0	60	30.6	2392	71	64	258	0.901	0.248	0.275	11.1	20.00
30309	40.8448	117.0947	-270.5	392	QYA	0	0	0	0	64	30.5	2271	60	117	213	1.950	0.549	0.282	11.2	20.00
30310	40.8448	117.0941	-269.6	391	QYA	0	0	0	0	73	30.5	2261	48	125	225	2.604	0.556	0.213	11.4	20.00
30311	40.8448	117.0935	-269.8	388	QYA	0	0	0	0	66	30.4	2238	69	42	211	0.609	0.199	0.327	11.5	20.00
30312	40.8448	117.0928	-270.7	385	QYA	0	0	0	0	64	30.4	2255	52	75	230	1.442	0.326	0.226	11.5	20.00
30313	40.8448	117.0922	-269.1	382	QYA	0	0	0	0	58	30.3	2295	42	144	198	3.429	0.727	0.212	11.5	20.00
30314	40.8448	117.0916	-269.1	374	QYA	0	0	0	0	56	30.2	2267	66	61	221	0.924	0.276	0.299	11.5	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
30315	40.8448	117.0910	-267.0	367	QYA	0	0	0	0	66	30.0	2148	49	121	182	2.469	0.665	0.269	11.5	20.00
30316	40.8448	117.0903	-265.9	363	QYA	0	0	0	0	68	30.0	2244	54	102	198	1.889	0.515	0.273	11.5	20.00
30317	40.8448	117.0897	-263.1	359	QYA	0	0	0	0	58	29.9	2235	69	49	224	0.710	0.219	0.308	11.6	20.00
30318	40.8447	117.0891	-259.7	360	QYA	0	0	0	0	57	24.9	2237	55	127	213	2.309	0.596	0.258	11.7	20.00
30319	40.8447	117.0885	-256.3	367	QYA	0	0	0	0	69	25.0	2182	53	112	208	2.113	0.538	0.255	11.8	20.00
30320	40.8447	117.0878	-251.9	371	QYA	0	0	0	0	60	25.0	2204	52	116	210	2.231	0.552	0.248	11.9	20.00
30321	40.8447	117.0872	-248.5	373	QYA	0	0	0	0	68	25.1	2190	48	128	192	2.667	0.667	0.250	11.9	20.00
30322	40.8447	117.0866	-245.1	377	QYA	0	0	0	0	70	25.1	2194	56	73	221	1.304	0.330	0.253	11.9	20.00
30323	40.8447	117.0859	-242.0	379	QYA	0	0	0	0	68	25.1	2116	45	89	231	1.978	0.385	0.195	11.9	20.00
30324	40.8447	117.0853	-240.4	383	QYA	0	0	0	0	61	25.2	2197	58	131	201	2.259	0.652	0.289	11.9	20.00
30325	40.8447	117.0847	-237.9	389	QYA	0	0	1	0	63	25.3	2040	61	9	193	0.148	0.047	0.316	11.9	20.00
30326	40.8447	117.0841	-236.8	391	QYA	0	0	0	0	73	25.3	2085	57	52	220	0.912	0.236	0.259	12.1	20.00
30327	40.8447	117.0834	-236.2	394	QYA	0	0	0	0	65	25.4	2091	51	96	190	1.882	0.505	0.268	12.3	20.00
30328	40.8447	117.0828	-235.5	399	QYA	0	0	0	0	65	25.4	2004	52	77	181	1.481	0.425	0.287	12.3	20.00
30329	40.8447	117.0822	-234.8	409	QYA	0	0	0	0	60	25.6	2161	50	56	235	1.120	0.238	0.213	12.3	20.00
30330	40.8447	117.0815	-235.3	422	QYA	0	0	0	0	58	25.8	2123	51	53	224	1.039	0.237	0.228	12.3	20.00
30331	40.8447	117.0809	-235.3	437	QYA	0	0	0	0	63	26.0	2094	57	60	218	1.053	0.275	0.261	12.3	20.00
30332	40.8447	117.0803	-235.7	438	QYA	0	0	0	0	59	26.0	2132	53	104	211	1.962	0.493	0.251	12.2	20.00
30333	40.8447	117.0797	-236.1	441	QYA	0	0	0	0	61	26.1	2119	59	66	197	1.119	0.335	0.299	12.2	20.00
30334	40.8447	117.0790	-236.9	443	QYA	0	0	0	0	68	26.1	2220	57	68	216	1.193	0.315	0.264	12.2	20.00
30335	40.8447	117.0784	-237.1	444	QYA	0	0	0	0	67	26.1	2117	48	87	187	1.813	0.465	0.257	12.1	20.00
30336	40.8447	117.0778	-237.7	445	QYA	0	0	0	0	56	26.1	2097	45	126	195	2.800	0.646	0.231	12.1	20.00
30337	40.8447	117.0771	-239.1	446	QYA	0	0	0	0	63	28.4	2023	42	92	203	2.190	0.453	0.207	12.1	20.00
30338	40.8447	117.0765	-239.2	448	QYA	0	0	0	0	64	28.5	2056	47	49	217	1.043	0.226	0.217	12.1	20.00
30339	40.8447	117.0759	-239.6	444	QYA	0	0	0	0	71	28.4	2038	45	98	179	2.178	0.547	0.251	12.0	20.00
30340	40.8446	117.0753	-240.5	441	QYA	0	0	0	0	62	28.4	2106	50	90	170	1.800	0.529	0.294	12.0	20.00
30341	40.8446	117.0746	-241.4	444	QYA	0	0	0	0	69	28.4	2173	51	36	234	0.706	0.154	0.218	12.0	20.00
30342	40.8446	117.0740	-242.4	455	QYA	0	0	0	0	70	28.6	2060	42	67	205	1.595	0.327	0.205	12.0	20.00
30343	40.8446	117.0734	-242.9	472	QYA	0	0	0	0	63	28.8	2072	58	33	231	0.569	0.143	0.251	12.1	20.00
30344	40.8446	117.0727	-244.3	477	QYA	0	0	0	0	54	28.9	2072	48	60	231	1.250	0.260	0.206	12.0	20.00
30345	40.8446	117.0721	-244.9	480	QYA	0	0	0	0	64	29.0	2168	42	106	205	2.524	0.517	0.205	12.0	20.00
30346	40.8446	117.0715	-245.0	479	QYA	0	0	1	0	63	28.9	2066	58	23	208	0.397	0.111	0.279	12.0	20.00
30347	40.8446	117.0709	-245.9	479	QYA	0	0	0	0	65	28.9	2124	34	129	190	3.794	0.679	0.179	12.0	20.00
30348	40.8446	117.0703	-246.8	480	QYA	0	0	0	0	64	29.0	2078	57	52	191	0.912	0.272	0.298	12.1	20.00
30349	40.8446	117.0696	-246.9	478	QYA	0	0	0	0	57	28.9	2135	45	143	153	3.178	0.935	0.294	12.3	20.00
30350	40.8446	117.0690	-247.9	466	QYA	0	0	0	0	63	28.7	2154	54	54	197	1.000	0.274	0.274	12.4	20.00
30351	40.8446	117.0683	-248.3	458	QYA	0	0	0	0	57	28.6	2138	40	59	254	1.475	0.232	0.157	12.5	20.00
30352	40.8446	117.0677	-248.5	453	QYA	0	0	0	0	60	28.5	2070	55	38	200	0.691	0.190	0.275	12.5	20.00
30353	40.8446	117.0671	-248.7	448	QYA	0	0	0	0	64	28.5	2018	59	51	197	0.864	0.259	0.299	12.5	20.00
30354	40.8446	117.0665	-247.6	445	QYA	0	0	0	0	62	28.4	2090	51	67	210	1.314	0.319	0.243	12.5	20.00
30355	40.8446	117.0658	-247.6	439	QYA	0	0	0	0	64	28.3	2071	44	94	211	2.136	0.445	0.209	12.5	20.00
30356	40.8446	117.0652	-247.7	436	QYA	0	0	1	0	67	24.7	2075	55	27	235	0.491	0.115	0.234	12.5	20.00
30357	40.8446	117.0646	-246.8	436	QYA	0	0	0	0	65	24.7	2077	49	57	232	1.163	0.246	0.211	12.5	20.00
30358	40.8446	117.0639	-246.5	436	QYA	0	0	0	0	72	24.7	2072	42	98	185	2.333	0.530	0.227	12.5	20.00
30359	40.8446	117.0633	-246.3	437	QYA	0	0	0	0	60	24.7	2067	49	106	197	2.163	0.538	0.249	12.5	20.00
30360	40.8446	117.0627	-246.0	435	QYA	0	0	0	0	71	24.7	2061	40	116	199	2.900	0.583	0.201	12.4	20.00
30361	40.8446	117.0621	-246.2	429	QYA	0	0	0	0	67	24.6	2047	53	116	169	2.189	0.636	0.314	12.4	20.00
30362	40.8445	117.0614	-245.4	421	QYA	0	0	0	0	59	24.5	2135	41	77	248	1.878	0.310	0.165	12.5	20.00
30363	40.8445	117.0608	-245.1	412	QYA	0	0	0	0	70	24.4	2065	42	114	218	2.714	0.523	0.193	12.5	20.00
30364	40.8445	117.0602	-245.6	403	QYA	0	0	0	0	58	24.3	2150	57	85	181	1.491	0.470	0.315	12.5	20.00
30365	40.8445	117.0595	-245.0	398	QYA	0	0	0	0	63	24.2	2124	47	97	217	2.064	0.447	0.217	12.5	20.00
30366	40.8445	117.0589	-244.9	395	QYA	0	0	0	0	59	24.1	2145	54	87	201	1.611	0.433	0.269	12.6	20.00
30367	40.8445	117.0583	-245.3	392	QYA	0	0	0	0	61	24.1	2050	50	68	245	1.360	0.278	0.204	12.5	20.00
30368	40.8445	117.0577	-245.7	385	QYA	0	0	1	0	58	24.0	2150	58	-4	263	-0.069	-0.015	0.221	12.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
30369	40.8445	117.0570	-245.1	384	QYA	0	0	0	0	74	24.0	2082	44	69	205	1.568	0.337	0.215	12.4	20.00
30370	40.8445	117.0564	-245.6	377	QYA	0	0	0	0	63	23.9	2147	43	91	219	2.116	0.416	0.196	12.4	20.00
30371	40.8445	117.0558	-245.7	374	QYA	0	0	0	0	70	23.8	2120	57	82	190	1.439	0.432	0.300	12.4	20.00
30372	40.8445	117.0552	-245.4	370	QYA	0	0	0	0	63	23.8	2230	41	141	218	3.439	0.647	0.188	12.5	20.00
30373	40.8445	117.0545	-245.5	371	QYA	0	0	0	0	61	23.8	2073	46	45	240	0.978	0.188	0.192	12.7	20.00
30374	40.8445	117.0539	-245.1	374	QYA	0	0	0	0	59	23.8	2109	38	109	219	2.868	0.498	0.174	12.8	20.00
30375	40.8445	117.0533	-246.0	380	QYA	0	0	0	0	68	24.7	2102	47	28	246	0.596	0.114	0.191	12.9	20.00
30376	40.8445	117.0526	-245.0	388	QYA	0	0	0	0	65	24.8	2086	37	73	244	1.973	0.299	0.152	12.9	20.00
30377	40.8445	117.0520	-246.2	387	QYA	0	0	0	0	64	24.8	2116	37	82	210	2.216	0.390	0.176	12.9	20.00
30378	40.8445	117.0514	-245.6	380	QYA	0	0	0	0	62	24.7	2045	42	114	197	2.714	0.579	0.213	13.0	20.00
30379	40.8445	117.0508	-245.5	376	QYA	0	0	0	0	60	24.6	2077	30	98	231	3.267	0.424	0.130	13.1	20.00
30380	40.8445	117.0501	-245.9	375	QYA	0	0	0	0	69	24.6	2030	52	93	175	1.788	0.531	0.297	13.3	20.00
30381	40.8445	117.0495	-245.6	375	QYA	0	0	0	0	61	24.6	2034	48	88	197	1.833	0.447	0.244	13.4	20.00
30382	40.8445	117.0489	-245.7	378	QYA	0	0	1	0	68	24.7	2037	51	4	245	0.078	0.016	0.208	13.6	20.00
30383	40.8445	117.0482	-245.0	380	QYA	0	0	0	0	57	24.7	2016	53	29	244	0.547	0.119	0.217	13.7	20.00
30384	40.8445	117.0476	-245.7	382	QYA	0	0	0	0	67	24.7	1949	44	57	193	1.295	0.295	0.228	13.8	20.00
30385	40.8444	117.0470	-245.1	383	QYA	0	0	0	0	60	24.8	1990	44	150	167	3.409	0.898	0.263	13.8	20.00
30386	40.8444	117.0464	-244.9	386	QYA	0	0	0	0	65	24.8	1994	50	55	187	1.100	0.294	0.267	14.0	20.00
30387	40.8444	117.0457	-245.3	390	QYA	0	0	0	0	64	24.9	1981	34	82	197	2.412	0.416	0.173	14.1	20.00
30388	40.8444	117.0451	-245.6	394	QYA	0	0	0	0	62	24.9	2008	40	56	208	1.400	0.269	0.192	14.3	20.00
30389	40.8444	117.0445	-245.7	395	QYA	0	0	0	0	69	24.9	2069	50	93	172	1.860	0.541	0.291	14.4	20.00
30390	40.8444	117.0438	-246.1	394	QYA	0	0	0	0	55	24.9	2054	53	72	191	1.358	0.377	0.277	14.5	20.00
30391	40.8444	117.0432	-246.3	395	QYA	0	0	0	0	63	24.9	2020	33	135	161	4.091	0.839	0.205	14.6	20.00
30392	40.8444	117.0426	-245.1	403	QYA	0	0	0	0	60	25.1	2103	41	81	228	1.976	0.355	0.180	14.7	20.00
30393	40.8444	117.0420	-244.4	408	QYA	0	0	0	0	58	25.1	2197	57	37	249	0.649	0.149	0.229	14.8	20.00
30394	40.8444	117.0413	-243.8	408	QYA	0	0	1	0	61	30.8	2066	43	25	249	0.581	0.100	0.173	14.7	20.00
30395	40.8444	117.0407	-244.4	413	QYA	0	0	0	0	70	30.9	2210	37	68	237	1.838	0.287	0.156	14.8	20.00
30396	40.8444	117.0401	-244.0	417	QYA	0	0	0	0	57	31.0	2135	43	140	198	3.256	0.707	0.217	14.8	20.00
30397	40.8444	117.0394	-242.8	423	QYA	0	0	0	0	60	31.1	2130	58	75	210	1.293	0.357	0.276	14.8	20.00
30398	40.8444	117.0388	-241.9	431	QYA	0	0	0	0	62	31.2	2113	44	107	213	2.432	0.502	0.207	14.9	20.00
30399	40.8444	117.0382	-241.0	429	QYA	0	0	0	0	67	31.2	2168	52	128	168	2.462	0.762	0.310	14.8	20.00
30400	40.8444	117.0376	-239.6	414	QYA	0	0	0	0	58	30.9	2138	52	85	209	1.635	0.407	0.249	14.6	20.00
30401	40.8444	117.0369	-239.0	410	QYA	0	0	0	0	61	30.8	2157	59	31	259	0.525	0.120	0.228	14.5	20.00
30402	40.8444	117.0363	-237.6	407	QYA	0	0	0	0	65	30.8	2220	55	65	243	1.182	0.267	0.226	14.5	20.00
30403	40.8444	117.0357	-237.6	400	QYA	0	0	0	0	55	30.7	2184	46	129	179	2.804	0.721	0.257	14.4	20.00
30404	40.8444	117.0350	-236.7	397	QYA	0	0	0	0	59	30.6	2221	45	119	215	2.644	0.553	0.209	14.5	20.00
30405	40.8444	117.0344	-235.9	396	QYA	0	0	0	0	70	30.6	2251	57	51	211	0.895	0.242	0.270	14.5	20.00
30406	40.8444	117.0338	-234.0	395	QYA	0	0	0	0	61	30.6	2125	45	66	236	1.467	0.280	0.191	14.4	20.00
30407	40.8443	117.0332	-233.4	395	QYA	0	0	0	0	63	30.6	2100	47	100	176	2.128	0.568	0.267	14.4	20.00
30408	40.8443	117.0325	-232.2	402	QYA	0	0	0	0	70	30.7	2062	33	109	231	3.303	0.472	0.143	14.4	20.00
30409	40.8443	117.0319	-229.8	406	QYA	0	0	0	0	71	30.8	2155	48	105	176	2.188	0.597	0.273	14.5	20.00
30410	40.8443	117.0313	-228.7	412	QYA	0	0	0	0	68	30.9	2127	46	84	200	1.826	0.420	0.230	14.5	20.00
30411	40.8443	117.0306	-227.7	420	QYA	0	0	0	0	56	31.0	2144	43	82	217	1.907	0.378	0.198	14.5	20.00
30412	40.8443	117.0300	-226.3	424	QYA	0	0	0	0	61	31.1	2143	46	134	168	2.913	0.798	0.274	14.5	20.00
30413	40.8443	117.0294	-225.5	422	QYA	0	0	0	0	70	39.1	2060	27	133	164	4.926	0.811	0.165	14.3	20.00
30414	40.8443	117.0288	-223.9	420	QYA	0	0	0	0	68	39.1	2188	50	66	244	1.320	0.270	0.205	14.3	20.00
30415	40.8443	117.0281	-222.3	419	QYA	0	0	0	0	61	39.0	2174	36	132	202	3.667	0.653	0.178	14.2	20.00
30416	40.8443	117.0275	-221.9	421	QYA	0	0	0	0	69	39.1	2127	46	62	212	1.348	0.292	0.217	14.2	20.00
30417	40.8443	117.0269	-219.5	424	QYA	0	0	0	0	58	39.2	2186	42	38	274	0.905	0.139	0.153	14.2	20.00
30418	40.8443	117.0262	-218.4	426	QYA	0	0	0	0	59	39.2	2193	43	109	213	2.535	0.512	0.202	14.2	20.00
30419	40.8443	117.0256	-216.9	434	QYA	0	0	0	0	57	39.4	2219	48	108	201	2.250	0.537	0.239	14.2	20.00
30420	40.8443	117.0250	-215.7	445	QYA	0	0	0	0	59	39.6	2225	45	83	229	1.844	0.362	0.197	14.2	20.00
30421	40.8443	117.0244	-214.3	448	QYA	0	0	1	0	68	39.7	2200	56	27	236	0.482	0.114	0.237	14.2	20.00
30422	40.8443	117.0237	-212.5	445	QYA	0	0	0	0	69	39.6	2254	55	97	189	1.764	0.513	0.291	14.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
30423	40.8443	117.0231	-211.2	439	QYA	0	0	0	0	60	39.5	2214	53	100	196	1.887	0.510	0.270	14.1	20.00
30424	40.8443	117.0225	-210.9	430	QYA	0	0	0	0	67	39.3	2299	53	99	215	1.868	0.460	0.247	14.0	20.00
30425	40.8443	117.0219	-209.6	424	QYA	0	0	0	0	64	39.1	2266	51	137	175	2.686	0.783	0.291	13.9	20.00
30426	40.8443	117.0212	-207.7	422	QYA	0	0	0	0	70	39.1	2265	49	82	214	1.673	0.383	0.229	13.9	20.00
30427	40.8443	117.0206	-205.9	420	QYA	0	0	0	0	72	39.1	2352	48	126	186	2.625	0.677	0.258	13.9	20.00
30428	40.8443	117.0200	-206.0	417	QYA	0	0	0	0	60	39.0	2263	61	82	221	1.344	0.371	0.276	13.7	20.00
30429	40.8442	117.0193	-204.8	406	QYA	0	0	0	0	61	38.7	2206	46	89	233	1.935	0.382	0.197	13.5	20.00
30430	40.8442	117.0187	-203.5	397	QYA	0	0	0	0	65	38.5	2264	66	46	228	0.697	0.202	0.289	13.4	20.00
30431	40.8442	117.0181	-202.9	396	QYA	0	0	0	0	58	38.5	2217	65	46	246	0.708	0.187	0.264	13.4	20.00
30432	40.8442	117.0175	-200.6	389	QA1	0	0	0	0	64	40.6	2249	59	90	212	1.525	0.425	0.278	13.3	20.00
30433	40.8442	117.0168	-199.7	383	QA1	0	0	0	0	61	40.5	2339	68	117	186	1.721	0.629	0.366	13.3	20.00
30434	40.8442	117.0162	-198.9	380	QA1	0	0	0	0	61	40.4	2358	65	67	251	1.031	0.267	0.259	13.3	20.00
30435	40.8442	117.0156	-198.0	380	QA1	0	0	0	0	65	40.4	2299	50	83	242	1.660	0.343	0.207	13.3	20.00
30436	40.8442	117.0149	-195.1	384	QA1	0	0	0	0	64	40.5	2323	56	106	225	1.893	0.471	0.249	13.4	20.00
30437	40.8442	117.0143	-194.8	384	QA1	0	0	0	0	63	40.5	2262	65	113	171	1.738	0.661	0.380	13.5	20.00
30438	40.8442	117.0137	-193.4	382	QA1	0	0	0	0	65	40.5	2294	51	69	230	1.353	0.300	0.222	13.4	20.00
30439	40.8442	117.0131	-192.4	371	QA1	0	0	0	0	58	40.2	2304	51	106	218	2.078	0.486	0.234	13.4	20.00
30440	40.8442	117.0124	-191.8	365	QA1	0	0	1	0	62	40.1	2239	81	7	223	0.086	0.031	0.363	13.4	20.00
30441	40.8442	117.0118	-191.6	355	QA1	0	0	0	0	66	39.8	2244	63	54	208	0.857	0.260	0.303	13.3	20.00
30442	40.8442	117.0112	-190.5	347	QA1	0	0	0	0	56	39.6	2298	56	145	180	2.589	0.806	0.311	13.3	20.00
30443	40.8442	117.0105	-188.9	343	QA1	0	0	0	0	63	39.5	2295	53	79	227	1.491	0.348	0.233	13.4	20.00
30444	40.8442	117.0099	-188.3	342	QA1	0	0	0	0	64	39.5	2281	55	55	266	1.000	0.207	0.207	13.5	20.00
30445	40.8442	117.0093	-187.2	345	QA1	0	0	0	0	69	39.5	2262	65	57	233	0.877	0.245	0.279	13.7	20.00
30446	40.8442	117.0087	-186.5	350	QA1	0	0	0	0	65	39.7	2302	62	135	184	2.177	0.734	0.337	13.7	20.00
30447	40.8442	117.0080	-185.6	356	QA1	0	0	0	0	64	39.8	2352	64	121	188	1.891	0.644	0.340	13.7	20.00
30448	40.8442	117.0074	-184.9	365	QA1	0	0	1	0	66	40.0	2245	69	-31	277	-0.449	-0.112	0.249	13.8	20.00
30449	40.8442	117.0068	-184.0	373	QA1	0	0	0	0	70	40.2	2314	41	114	214	2.780	0.533	0.192	13.8	20.00
30450	40.8442	117.0061	-184.1	379	QA1	0	0	0	0	61	40.4	2279	59	53	210	0.898	0.252	0.281	13.8	20.00
30451	40.8442	117.0055	-182.4	387	QA1	0	0	0	0	63	35.5	2303	57	60	243	1.053	0.247	0.235	13.8	20.00
30452	40.8441	117.0049	-182.2	392	QA1	0	0	0	0	59	35.7	2208	46	94	230	2.043	0.409	0.200	13.9	20.00
30453	40.8441	117.0043	-181.6	397	QA1	0	0	0	0	67	35.8	2308	52	110	240	2.115	0.458	0.217	14.1	20.00
30454	40.8441	117.0036	-180.6	406	QA1	0	0	0	0	64	36.0	2304	49	122	191	2.490	0.639	0.257	14.2	20.00
30455	40.8441	117.0030	-180.2	412	QA1	0	0	0	0	68	36.1	2300	59	92	193	1.559	0.477	0.306	14.3	20.00
30456	40.8441	117.0024	-180.0	418	QA1	0	0	0	0	72	36.2	2316	47	141	199	3.000	0.709	0.236	14.3	20.00
30457	40.8441	117.0017	-179.4	422	QA1	0	0	0	0	65	36.3	2279	29	127	229	4.379	0.555	0.127	14.4	20.00
30458	40.8441	117.0011	-179.3	426	QA1	0	0	0	0	60	36.4	2238	53	114	219	2.151	0.521	0.242	14.4	20.00
30459	40.8441	117.0005	-179.8	432	QA1	0	0	0	0	64	36.5	2172	36	136	216	3.778	0.630	0.167	14.5	20.00
30460	40.8441	116.9999	-178.7	432	QA1	0	0	0	0	66	36.5	2223	46	79	238	1.717	0.332	0.193	14.6	20.00
30461	40.8441	116.9992	-179.6	435	QA1	0	0	0	0	70	36.5	2082	46	78	203	1.696	0.384	0.227	14.6	20.00
30462	40.8441	116.9986	-181.2	437	QA1	0	0	0	0	68	36.6	2131	52	116	188	2.231	0.617	0.277	14.6	20.00
30463	40.8441	116.9980	-181.0	444	QA1	0	0	1	0	67	36.7	2145	56	20	241	0.357	0.083	0.232	14.7	20.00
30464	40.8441	116.9973	-183.1	450	QA1	0	0	0	0	60	36.8	2095	62	91	169	1.468	0.538	0.367	14.8	20.00
30465	40.8441	116.9967	-184.2	456	QA1	0	0	0	0	57	37.0	2150	44	79	229	1.795	0.345	0.192	15.0	20.00
30466	40.8441	116.9961	-185.3	463	QA1	0	0	0	0	60	37.1	2142	46	82	202	1.783	0.406	0.228	15.2	20.00
30467	40.8441	116.9955	-187.1	466	QA1	0	0	0	0	68	37.2	2122	36	44	250	1.222	0.176	0.144	15.3	20.00
30468	40.8441	116.9948	-189.3	463	QA1	0	0	0	0	61	37.1	2169	37	118	202	3.189	0.584	0.183	15.5	20.00
30469	40.8441	116.9942	-189.6	467	QA1	0	0	0	0	68	37.2	2156	41	83	227	2.024	0.356	0.181	15.7	20.00
30470	40.8441	116.9936	-192.0	475	QA1	0	0	1	0	62	36.9	2108	58	-6	250	-0.103	-0.024	0.232	15.9	20.00
30471	40.8441	116.9929	-193.8	475	QA1	0	0	0	0	62	36.9	2139	49	64	210	1.306	0.305	0.233	16.0	20.00
30472	40.8441	116.9923	-195.0	473	QA1	0	0	1	0	69	36.9	2031	44	15	250	0.341	0.060	0.176	16.0	20.00
30473	40.8441	116.9917	-195.9	473	QA1	0	0	0	0	60	36.9	2102	35	88	221	2.514	0.398	0.158	16.0	20.00
30474	40.8440	116.9911	-197.3	471	QA1	0	0	1	0	64	36.9	2075	54	20	225	0.370	0.089	0.240	16.0	20.00
30475	40.8440	116.9904	-197.7	469	QA1	0	0	0	0	72	36.8	2114	38	78	204	2.053	0.382	0.186	16.1	20.00
30476	40.8440	116.9898	-198.4	465	QA1	0	0	0	0	74	36.7	2067	48	28	227	0.583	0.123	0.211	16.1	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
30477	40.8440	116.9892	-198.8	462	QA1	0	0	0	0	62	36.7	2059	36	74	198	2.056	0.374	0.182	16.2	20.00
30478	40.8440	116.9886	-199.4	455	QA1	0	0	0	0	65	36.5	2181	52	109	194	2.096	0.562	0.268	16.3	20.00
30479	40.8440	116.9879	-200.4	451	QA1	0	0	0	0	56	36.5	2154	51	60	230	1.176	0.261	0.222	16.5	20.00
30480	40.8440	116.9873	-200.8	449	QA1	0	0	0	0	63	36.4	2179	53	80	227	1.509	0.352	0.233	16.7	20.00
30481	40.8440	116.9867	-201.4	447	QA1	0	0	0	0	59	36.4	2187	57	50	203	0.877	0.246	0.281	16.8	20.00
30482	40.8440	116.9860	-200.3	446	QA1	0	0	0	0	62	36.4	2235	63	48	246	0.762	0.195	0.256	16.8	20.00
30483	40.8440	116.9854	-200.4	447	QA1	0	0	0	0	70	36.4	2240	50	107	207	2.140	0.517	0.242	16.9	20.00
30484	40.8440	116.9848	-200.4	439	QA1	0	0	0	0	63	36.2	2191	50	50	214	1.000	0.234	0.234	16.8	20.00
30485	40.8440	116.9842	-201.8	435	QA1	0	0	1	0	63	36.1	2151	52	26	252	0.500	0.103	0.206	16.8	20.00
30486	40.8440	116.9835	-203.4	438	QA1	0	0	0	0	66	36.2	2126	42	87	215	2.071	0.405	0.195	16.8	20.00
30487	40.8440	116.9829	-205.3	433	QA1	0	0	0	0	65	36.1	2106	47	77	200	1.638	0.385	0.235	16.8	20.00
30488	40.8440	116.9823	-208.5	425	QA1	0	0	0	0	60	35.9	2204	37	96	233	2.595	0.412	0.159	16.7	20.00
30489	40.8440	116.9816	-210.5	417	QA1	0	0	0	0	56	39.9	2173	47	88	219	1.872	0.402	0.215	16.8	20.00
30490	40.8440	116.9810	-213.2	412	QA1	0	0	0	0	58	39.8	2090	52	41	221	0.788	0.186	0.235	16.7	20.00
30491	40.8440	116.9804	-215.1	410	QA1	0	0	0	0	60	39.7	2196	45	97	226	2.156	0.429	0.199	16.6	20.00
30492	40.8440	116.9798	-217.7	409	QA1	0	0	0	0	71	39.7	2125	36	103	228	2.861	0.452	0.158	16.6	20.00
30493	40.8440	116.9791	-219.1	413	QA1	0	0	0	0	58	39.8	2118	59	59	195	1.000	0.303	0.303	16.6	20.00
30494	40.8440	116.9785	-221.2	412	QA1	0	0	0	0	61	39.7	2151	64	50	177	0.781	0.282	0.362	16.5	20.00
30495	40.8440	116.9779	-223.1	408	QA1	0	0	0	0	64	39.7	2173	56	29	228	0.518	0.127	0.246	16.3	20.00
30496	40.8439	116.9772	-223.4	396	QA1	0	0	0	0	66	39.4	2112	61	94	186	1.541	0.505	0.328	16.2	20.00
30497	40.8439	116.9766	-224.3	393	QA1	0	0	0	0	63	39.3	2169	54	39	249	0.722	0.157	0.217	16.1	20.00
30498	40.8439	116.9760	-224.4	395	QA1	0	0	0	0	67	39.4	2170	63	68	203	1.079	0.335	0.310	16.1	20.00
30499	40.8439	116.9754	-223.0	401	QA1	0	0	0	0	61	39.5	2133	48	69	221	1.438	0.312	0.217	16.0	20.00
30500	40.8439	116.9747	-221.3	408	QA1	0	0	0	0	66	39.7	2107	49	62	216	1.265	0.287	0.227	16.0	20.00
30501	40.8439	116.9741	-217.8	417	QA1	0	0	0	0	63	39.9	2126	45	47	228	1.044	0.206	0.197	16.2	20.00
30502	40.8439	116.9735	-215.6	427	QA1	0	0	0	0	62	40.1	2090	41	38	251	0.927	0.151	0.163	16.2	20.00
30503	40.8439	116.9728	-214.5	432	QA1	0	0	0	0	63	40.2	2059	44	89	201	2.023	0.443	0.219	16.0	20.00
30504	40.8439	116.9722	-213.5	443	QA1	0	0	0	0	61	40.5	2057	52	32	220	0.615	0.145	0.236	15.8	20.00
30505	40.8439	116.9716	-211.4	443	QA1	0	0	0	0	63	40.5	2096	47	47	222	1.000	0.212	0.212	15.7	20.00
30506	40.8439	116.9710	-209.3	442	QA1	0	0	0	0	61	40.4	2123	43	68	204	1.581	0.333	0.211	15.5	20.00
30507	40.8439	116.9703	-207.5	441	QA1	0	0	0	0	64	40.4	2150	58	71	199	1.224	0.357	0.291	15.4	20.00
30508	40.8439	116.9697	-206.1	444	QA1	0	0	1	0	70	39.5	2146	51	22	270	0.431	0.081	0.189	15.4	20.00
30509	40.8439	116.9691	-204.9	452	QA1	0	0	1	0	67	39.7	2067	30	21	243	0.700	0.086	0.123	15.3	20.00
30510	40.8439	116.9684	-203.8	452	QA1	0	0	0	0	64	39.7	2093	36	45	229	1.250	0.197	0.157	15.1	20.00
30511	40.8439	116.9678	-201.4	453	QA1	0	0	0	0	61	39.7	2123	53	52	243	0.981	0.214	0.218	15.0	20.00
30512	40.8439	116.9672	-200.3	455	QA1	0	0	0	0	58	39.7	2112	35	80	229	2.286	0.349	0.153	15.0	20.00
30513	40.8439	116.9666	-199.1	458	QA1	0	0	0	0	63	39.8	2160	55	69	201	1.255	0.343	0.274	15.0	20.00
30514	40.8439	116.9659	-198.2	461	QA1	0	0	0	0	71	39.9	2093	51	85	214	1.667	0.397	0.238	15.0	20.00
30515	40.8439	116.9653	-198.0	450	QA1	0	0	1	0	65	39.6	2035	46	16	240	0.348	0.067	0.192	14.9	20.00
30516	40.8439	116.9647	-198.1	452	QA1	0	0	0	0	70	39.7	2080	37	29	219	0.784	0.132	0.169	14.8	20.00
30517	40.8439	116.9640	-197.6	463	QA1	0	0	1	0	72	39.9	2082	54	23	247	0.426	0.093	0.219	14.7	20.00
30518	40.8439	116.9634	-198.2	473	QA1	0	0	0	0	61	40.1	2137	40	46	247	1.150	0.186	0.162	14.7	20.00
30519	40.8438	116.9628	-199.5	479	QA1	0	0	0	0	60	40.3	2170	39	73	212	1.872	0.344	0.184	14.7	20.00
30520	40.8438	116.9622	-200.7	478	QA1	0	0	0	0	71	40.2	2069	54	49	198	0.907	0.247	0.273	14.7	20.00
30521	40.8438	116.9615	-202.1	471	QA1	0	0	0	0	57	40.1	2211	50	108	169	2.160	0.639	0.296	14.6	20.00
30522	40.8438	116.9609	-202.8	466	QA1	0	0	0	0	68	40.0	2172	42	51	258	1.214	0.198	0.163	14.6	20.00
30523	40.8438	116.9603	-204.2	461	QA1	0	0	0	0	66	39.9	2162	47	73	214	1.553	0.341	0.220	14.8	20.00
30524	40.8438	116.9596	-205.4	457	QA1	0	0	0	0	54	39.8	2207	51	63	232	1.235	0.272	0.220	14.9	20.00
30525	40.8438	116.9590	-207.3	453	QA1	0	0	0	0	64	39.7	2154	52	34	235	0.654	0.145	0.221	15.0	20.00
30526	40.8438	116.9584	-207.9	453	QA1	0	0	0	0	65	39.7	2184	53	32	216	0.604	0.148	0.245	15.0	20.00
30527	40.8438	116.9578	-207.5	460	QA1	0	0	0	0	64	39.1	2209	54	33	222	0.611	0.149	0.243	15.0	20.00
30528	40.8438	116.9571	-209.5	468	QA1	0	0	0	0	55	39.3	2218	66	39	228	0.591	0.171	0.289	15.0	20.00
30529	40.8438	116.9565	-209.9	473	QA1	0	0	0	0	59	39.4	2339	59	87	212	1.475	0.410	0.278	15.0	20.00
30530	40.8438	116.9559	-209.0	472	QF	0	0	0	0	68	39.3	2283	58	60	232	1.034	0.259	0.250	14.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
30531	40.8438	116.9553	-209.5	457	QF	0	0	0	0	63	39.0	2291	49	116	215	2.367	0.540	0.228	14.6	20.00
30532	40.8438	116.9546	-210.1	436	QF	0	0	1	0	66	38.6	2307	56	29	266	0.518	0.109	0.211	14.4	20.00
30533	40.8438	116.9540	-211.1	425	QF	0	0	0	0	63	38.3	2195	46	109	159	2.370	0.686	0.289	14.4	20.00
30534	40.8438	116.9534	-211.3	414	QF	0	0	0	0	61	38.1	2228	80	45	205	0.563	0.220	0.390	14.3	20.00
30535	40.8438	116.9527	-212.3	404	QF	0	0	0	0	59	37.9	2336	48	106	216	2.208	0.491	0.222	14.4	20.00
30536	40.8438	116.9521	-214.0	393	QF	0	0	0	0	62	37.6	2265	49	75	251	1.531	0.299	0.195	14.5	20.00
30537	40.8438	116.9515	-216.7	389	QF	0	0	0	0	67	37.6	2231	61	39	232	0.639	0.168	0.263	14.6	20.00
30538	40.8438	116.9509	-217.8	385	QF	0	0	0	0	62	37.5	2305	43	143	180	3.326	0.794	0.239	14.7	20.00
30539	40.8438	116.9502	-219.3	380	QF	0	0	0	0	57	37.3	2290	57	93	253	1.632	0.368	0.225	14.6	20.00
30540	40.8438	116.9496	-220.8	365	QF	0	0	0	0	79	37.0	2178	42	91	222	2.167	0.410	0.189	14.5	20.00
30541	40.8437	116.9490	-220.7	354	QF	0	0	0	0	58	36.8	2179	56	82	217	1.464	0.378	0.258	14.4	20.00
30542	40.8437	116.9483	-219.4	350	QF	0	0	0	0	61	36.7	2156	51	40	228	0.784	0.175	0.224	14.4	20.00
30543	40.8437	116.9477	-218.5	350	QF	0	0	0	0	58	36.7	2198	60	69	211	1.150	0.327	0.284	14.4	20.00
30544	40.8437	116.9471	-215.1	354	QF	0	0	0	0	63	36.8	2160	48	89	220	1.854	0.405	0.218	14.4	20.00
30545	40.8437	116.9465	-212.5	364	QF	0	0	0	0	63	37.0	2134	38	88	211	2.316	0.417	0.180	14.4	20.00
30546	40.8437	116.9458	-207.2	376	QF	0	0	0	0	71	32.0	2148	50	82	205	1.640	0.400	0.244	14.4	20.00
30547	40.8437	116.9452	-201.3	380	QF	0	0	0	0	63	32.1	2030	50	70	181	1.400	0.387	0.276	14.3	20.00
30548	40.8437	116.9446	-193.9	386	QF	0	0	0	0	66	32.2	2080	46	93	181	2.022	0.514	0.254	14.3	20.00
30549	40.8437	116.9439	-187.0	389	QF	0	0	0	0	78	32.3	2096	37	77	237	2.081	0.325	0.156	14.3	20.00
30550	40.8437	116.9433	-180.4	395	QF	0	0	0	0	62	32.4	2054	51	84	192	1.647	0.438	0.266	14.2	20.00
30551	40.8437	116.9427	-175.4	400	QF	0	0	1	0	70	32.5	2086	59	2	242	0.034	0.008	0.244	14.2	20.00
30552	40.8437	116.9421	-173.1	395	QF	0	0	0	0	67	32.4	2066	48	86	165	1.792	0.521	0.291	14.0	20.00
30553	40.8437	116.9414	-171.3	392	QF	0	0	0	0	72	32.3	2120	49	143	179	2.918	0.799	0.274	13.9	20.00
30554	40.8437	116.9408	-171.7	394	QF	0	0	0	0	59	32.4	2188	53	71	240	1.340	0.296	0.221	13.9	20.00
30555	40.8437	116.9402	-175.8	396	QF	0	0	0	0	64	32.4	2148	56	80	177	1.429	0.452	0.316	13.9	20.00
30556	40.8437	116.9395	-179.4	397	QF	0	0	0	0	65	32.4	2147	54	49	253	0.907	0.194	0.213	13.9	20.00
30557	40.8437	116.9389	-184.7	401	QF	0	0	0	0	69	32.5	2116	58	95	190	1.638	0.500	0.305	13.9	20.00
30558	40.8437	116.9383	-189.1	405	QF	0	0	0	0	69	32.6	2149	37	111	209	3.000	0.531	0.177	13.8	20.00
30559	40.8437	116.9377	-192.7	409	QF	0	0	0	0	57	32.6	2061	56	48	190	0.857	0.253	0.295	13.9	20.00
30560	40.8437	116.9370	-197.1	413	QF	0	0	0	0	60	32.7	2117	53	102	193	1.925	0.528	0.275	13.9	20.00
30561	40.8437	116.9364	-202.7	417	QF	0	0	0	0	75	32.8	2180	52	98	190	1.885	0.516	0.274	13.9	20.00
30562	40.8437	116.9358	-205.7	426	QF	0	0	0	0	65	33.0	2055	47	45	216	0.957	0.208	0.218	13.9	20.00
30563	40.8436	116.9351	-208.0	436	QF	0	0	0	0	69	33.1	2156	48	158	147	3.292	1.075	0.327	13.9	20.00
30564	40.8437	116.9345	-206.6	440	QF	0	0	0	0	71	33.2	2056	49	69	195	1.408	0.354	0.251	13.8	20.00
30565	40.8437	116.9339	-201.2	450	QF	0	0	0	0	70	35.6	2124	45	47	232	1.044	0.203	0.194	13.7	20.00
30566	40.8437	116.9333	-189.7	459	QF	0	0	0	0	71	35.8	2186	66	56	195	0.848	0.287	0.338	13.6	20.00
30567	40.8437	116.9327	-170.6	463	QF	0	0	0	0	65	35.9	2059	57	45	161	0.789	0.280	0.354	13.6	20.00
30568	40.8437	116.9321	-150.9	468	QF	0	0	0	0	65	36.0	2108	60	36	179	0.600	0.201	0.335	13.5	20.00
30569	40.8437	116.9315	-131.5	474	QF	0	0	0	0	65	36.1	2102	48	80	218	1.667	0.367	0.220	13.3	20.00
30570	40.8437	116.9309	-117.7	471	QF	0	0	0	0	72	36.0	2123	51	59	225	1.157	0.262	0.227	13.2	20.00
30571	40.8437	116.9303	-111.4	464	QF	0	0	0	0	65	35.9	2169	50	89	193	1.780	0.461	0.259	13.0	20.00
30572	40.8437	116.9297	-113.3	462	QF	0	0	0	0	62	35.8	2140	53	87	160	1.642	0.544	0.331	12.9	20.00
30573	40.8437	116.9291	-119.5	450	QF	0	0	0	0	67	35.6	2088	48	127	154	2.646	0.825	0.312	12.7	20.00
30574	40.8437	116.9285	-134.5	434	QF	0	0	0	0	56	35.3	2091	52	51	211	0.981	0.242	0.246	12.5	20.00
30575	40.8437	116.9279	-153.7	425	QF	0	0	0	0	63	35.1	2119	51	91	188	1.784	0.484	0.271	12.3	20.00
30576	40.8437	116.9273	-171.7	411	QF	0	0	0	0	68	34.8	2175	54	116	175	2.148	0.663	0.309	12.1	20.00
30577	40.8437	116.9267	-181.9	406	QF	0	0	0	0	69	34.7	2140	45	76	230	1.689	0.330	0.196	12.0	20.00
30578	40.8437	116.9261	-184.1	399	QF	0	0	0	0	58	34.6	2146	46	130	169	2.826	0.769	0.272	11.9	20.00
30579	40.8437	116.9255	-180.8	391	QF	0	0	0	0	68	34.4	2142	55	83	210	1.509	0.395	0.262	11.8	20.00
30580	40.8437	116.9249	-172.9	387	QF	0	0	0	0	64	34.4	2136	43	108	187	2.512	0.578	0.230	11.7	20.00
30581	40.8437	116.9242	-167.6	387	QF	0	0	0	0	65	34.4	2126	56	112	179	2.000	0.626	0.313	11.6	20.00
30582	40.8437	116.9236	-169.2	393	QF	0	0	0	0	65	34.5	2080	38	85	220	2.237	0.386	0.173	11.6	20.00
30583	40.8437	116.9230	-176.5	403	QF	0	0	0	0	64	34.7	2143	54	85	203	1.574	0.419	0.266	11.5	20.00
30584	40.8437	116.9224	-182.0	412	QF	0	0	0	0	66	33.2	2116	51	118	174	2.314	0.678	0.293	11.4	20.00

REL	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
30585	40.8437	116.9218	-183.6	424	QF	0	0	0	0	63	33.4	2229	40	104	218	2.600	0.477	0.183	11.3	20.00
30586	40.8437	116.9212	-181.7	428	QF	0	0	0	0	65	33.5	2179	62	79	179	1.274	0.441	0.346	11.1	20.00
30587	40.8437	116.9206	-178.8	423	QF	0	0	0	0	65	33.4	2174	54	87	183	1.611	0.475	0.295	10.8	20.00
30588	40.8437	116.9200	-177.7	420	QF	0	0	0	0	66	33.4	2172	47	70	220	1.489	0.318	0.214	10.6	20.00
30589	40.8438	116.9194	-175.9	415	QF	0	0	0	0	58	33.3	2256	45	152	190	3.378	0.800	0.237	10.3	20.00
30590	40.8438	116.9188	-174.4	408	QF	0	0	0	0	66	33.1	2210	42	92	218	2.190	0.422	0.193	10.2	20.00
30591	40.8438	116.9182	-174.5	402	QF	0	0	0	0	66	33.0	2163	59	93	187	1.576	0.497	0.316	10.2	20.00
30592	40.8438	116.9176	-178.4	401	QF	0	0	0	0	60	33.0	2193	55	109	193	1.982	0.565	0.285	10.2	20.00
30593	40.8438	116.9170	-181.6	404	QF	0	0	0	0	66	33.1	2162	47	123	176	2.617	0.699	0.267	10.1	20.00
30594	40.8438	116.9164	-185.1	410	QF	0	0	0	0	62	33.2	2203	59	98	185	1.661	0.530	0.319	10.1	20.00
30595	40.8438	116.9158	-187.5	415	QF	0	0	0	0	69	33.3	2221	50	69	217	1.380	0.318	0.230	10.1	20.00
30596	40.8438	116.9152	-189.1	420	QF	0	0	0	0	64	33.4	2196	43	80	232	1.860	0.345	0.185	10.0	20.00
30597	40.8438	116.9146	-191.9	420	QF	0	0	0	0	58	33.4	2286	53	94	185	1.774	0.508	0.286	10.0	20.00
30598	40.8438	116.9140	-196.1	423	QF	0	0	0	0	67	33.4	2186	46	108	200	2.348	0.540	0.230	10.0	20.00
30599	40.8438	116.9133	-201.7	424	QF	0	0	0	0	59	33.4	2208	49	87	177	1.776	0.492	0.277	10.0	20.00
30600	40.8438	116.9127	-210.0	426	QF	0	0	0	0	58	33.5	2159	54	30	227	0.556	0.132	0.238	9.8	20.00
30601	40.8438	116.9121	-218.1	434	QF	0	0	0	0	60	33.6	2277	44	69	229	1.568	0.301	0.192	9.8	20.00
30602	40.8438	116.9115	-224.2	438	QF	0	0	0	0	58	33.7	2219	54	77	238	1.426	0.324	0.227	9.7	20.00
30603	40.8438	116.9109	-230.6	440	QF	0	0	1	0	65	32.9	2086	61	25	188	0.410	0.133	0.324	9.7	20.00
30604	40.8438	116.9103	-236.8	437	QF	0	0	0	0	67	32.9	2250	57	141	152	2.474	0.928	0.375	9.7	20.00
30605	40.8438	116.9097	-245.1	437	QF	0	0	0	0	68	32.9	2202	43	110	203	2.558	0.542	0.212	9.6	20.00
30606	40.8438	116.9091	-255.3	438	QF	0	0	0	0	73	32.9	2238	57	89	199	1.561	0.447	0.286	9.6	20.00
30607	40.8438	116.9085	-266.1	439	QF	0	0	0	0	68	32.9	2237	42	110	206	2.619	0.534	0.204	9.6	20.00
30608	40.8438	116.9079	-266.8	439	QF	0	0	0	0	65	32.9	2188	25	123	195	4.920	0.631	0.128	9.5	20.00
30609	40.8438	116.9073	-253.1	438	QF	0	0	0	0	63	32.9	2217	51	110	167	2.157	0.659	0.305	9.5	20.00
30610	40.8438	116.9067	-215.3	439	QF	0	0	0	0	59	32.9	2228	70	79	197	1.129	0.401	0.355	9.4	20.00
30611	40.8438	116.9061	-148.4	440	QF	0	0	0	0	63	32.9	2256	62	104	191	1.677	0.545	0.325	9.3	20.00
30612	40.8438	116.9055	-54.8	437	QF	0	0	0	0	66	32.9	2449	51	125	234	2.451	0.534	0.218	9.2	20.00
30613	40.8438	116.9049	30.0	435	QF	0	0	0	0	66	32.8	2466	68	114	191	1.676	0.597	0.356	9.1	20.00
30614	40.8439	116.9043	55.6	425	QF	0	0	0	0	71	32.7	2414	68	142	159	2.088	0.893	0.428	9.1	20.00
30615	40.8439	116.9037	14.8	404	QF	0	0	0	0	64	32.3	2469	75	94	243	1.253	0.387	0.309	9.1	20.00
30616	40.8439	116.9031	-59.9	374	QF	0	0	0	0	57	31.7	2551	68	160	195	2.353	0.821	0.349	9.0	20.00
30617	40.8439	116.9024	-150.5	346	QF	0	0	0	0	64	31.1	2411	57	118	206	2.070	0.573	0.277	9.0	20.00
30618	40.8439	116.9018	-211.0	325	QF	0	0	0	0	64	30.7	2313	72	112	205	1.556	0.546	0.351	8.8	20.00
30619	40.8439	116.9012	-209.5	342	QF	0	0	0	0	75	31.1	2371	73	100	182	1.370	0.549	0.401	8.7	20.00
30620	40.8439	116.9006	-165.9	374	QF	0	0	0	0	71	31.7	2234	60	78	207	1.300	0.377	0.290	8.6	20.00
30621	40.8439	116.9000	-106.1	394	QF	0	0	0	0	69	32.1	2256	72	54	211	0.750	0.256	0.341	8.5	20.00
30622	40.8439	116.8994	-50.4	402	QF	0	0	0	0	66	31.5	2298	66	57	219	0.864	0.260	0.301	8.4	20.00
30623	40.8439	116.8988	-5.8	409	QF	0	0	0	0	68	31.6	2293	54	110	193	2.037	0.570	0.280	8.3	20.00
30624	40.8439	116.8982	14.4	417	QF	0	0	0	0	70	31.7	2354	63	82	232	1.302	0.353	0.272	8.3	20.00
30625	40.8439	116.8976	-22.6	406	QF	0	0	0	0	73	31.5	2394	70	75	224	1.071	0.335	0.313	8.2	20.00
30626	40.8439	116.8970	-131.6	383	QF	0	0	0	0	71	31.1	2344	50	152	192	3.040	0.792	0.260	8.2	20.00
30627	40.8439	116.8964	-225.9	366	QF	0	0	0	0	70	30.8	2262	63	125	179	1.984	0.698	0.352	8.1	20.00
30628	40.8439	116.8958	-251.1	361	QF	0	0	0	0	69	30.7	2266	70	79	215	1.129	0.367	0.326	8.1	20.00
30629	40.8439	116.8952	-223.3	358	QF	0	0	0	0	65	30.6	2177	57	111	188	1.947	0.590	0.303	8.0	20.00
30630	40.8439	116.8946	-189.0	348	QF	0	0	0	0	64	30.4	2060	57	80	179	1.404	0.447	0.318	8.0	20.00
30631	40.8439	116.8940	-184.4	344	QF	0	0	0	0	66	30.3	2129	58	99	182	1.707	0.544	0.319	8.0	20.00
30632	40.8439	116.8934	-207.8	343	QF	0	0	0	0	61	30.3	2081	60	42	208	0.700	0.202	0.288	7.9	20.00
30633	40.8439	116.8928	-203.1	353	QF	0	0	0	0	63	30.5	2051	40	94	199	2.350	0.472	0.201	7.9	20.00
30634	40.8439	116.8922	-158.8	368	TBA	0	0	0	0	70	30.8	2130	55	133	168	2.418	0.792	0.327	7.8	20.00
30635	40.8439	116.8915	-116.4	378	TBA	0	0	0	0	61	31.0	2166	48	39	252	0.813	0.155	0.190	7.8	20.00
30636	40.8439	116.8909	-91.2	388	TBA	0	0	0	0	67	31.2	2127	49	81	217	1.653	0.373	0.226	7.8	20.00
30637	40.8439	116.8903	-64.2	400	TBA	0	0	0	0	67	31.4	2112	44	74	232	1.682	0.319	0.190	7.8	20.00
30638	40.8439	116.8897	-29.5	409	TBA	0	0	0	0	63	31.6	2108	42	132	145	3.143	0.910	0.290	7.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
30639	40.8439	116.8891	-3.8	417	TBA	0	0	0	0	76	31.7	2192	62	111	180	1.790	0.617	0.344	7.8	20.00
30640	40.8440	116.8885	3.8	420	TBA	0	0	0	0	68	31.8	2153	36	99	216	2.750	0.458	0.167	7.8	20.00
30641	40.8440	116.8879	-0.3	422	TBA	0	0	0	0	70	33.0	2076	31	85	232	2.742	0.366	0.134	7.8	20.00
30642	40.8440	116.8873	-5.4	423	TBA	0	0	0	0	76	33.0	2140	57	79	173	1.386	0.457	0.329	7.7	20.00
30643	40.8440	116.8867	-2.8	421	TBA	0	0	0	0	69	32.9	2081	51	61	235	1.196	0.260	0.217	7.8	20.00
30644	40.8440	116.8861	-3.5	420	TBA	0	0	0	0	72	32.9	2183	57	70	191	1.228	0.366	0.298	7.8	20.00
30645	40.8440	116.8855	-17.6	418	TBA	0	0	0	0	66	32.9	2093	70	59	170	0.843	0.347	0.412	7.7	20.00
30646	40.8440	116.8849	-34.1	412	TBA	0	0	0	0	70	32.8	2078	49	88	196	1.796	0.449	0.250	7.7	20.00
30647	40.8440	116.8843	-41.2	408	TBA	0	0	0	0	66	32.7	2165	61	91	187	1.492	0.487	0.326	7.7	20.00
30648	40.8440	116.8837	-38.1	405	TBA	0	0	0	0	67	32.6	2191	62	61	205	0.984	0.298	0.302	7.6	20.00
30649	40.8440	116.8831	-22.8	398	TBA	0	0	0	0	69	32.5	2107	48	125	155	2.604	0.806	0.310	7.5	20.00
30650	40.8440	116.8825	3.7	393	TBA	0	0	0	0	61	32.4	2050	48	130	154	2.708	0.844	0.312	7.5	20.00
30651	40.8440	116.8819	32.1	387	TBA	0	0	0	0	67	32.3	2146	44	94	224	2.136	0.420	0.196	7.7	20.00
30652	40.8440	116.8813	38.9	386	TBA	0	0	0	0	70	32.3	2184	53	125	200	2.358	0.625	0.265	7.9	20.00
30653	40.8440	116.8806	15.3	388	TBA	0	0	0	0	64	32.3	2261	47	112	200	2.383	0.560	0.235	8.0	20.00
30654	40.8440	116.8800	-7.6	388	TBA	0	0	0	0	64	32.3	2171	62	76	197	1.226	0.386	0.315	7.9	20.00
30655	40.8440	116.8794	-19.2	390	TBA	0	0	0	0	75	32.3	2208	48	89	194	1.854	0.459	0.247	8.0	20.00
30656	40.8440	116.8788	-43.3	392	TBA	0	0	1	0	64	32.4	2207	76	26	229	0.342	0.114	0.332	8.0	20.00
30657	40.8440	116.8782	-71.9	397	TBA	0	0	0	0	70	32.5	2193	53	89	226	1.679	0.394	0.235	8.0	20.00
30658	40.8440	116.8776	-74.8	392	TBA	0	0	0	0	74	32.4	2082	68	41	219	0.603	0.187	0.311	8.0	20.00
30659	40.8440	116.8770	-74.0	390	TBA	0	0	0	0	72	32.3	2152	40	132	176	3.300	0.750	0.227	8.1	20.00
30660	40.8440	116.8764	-96.1	391	TBA	0	0	0	0	76	36.1	2125	31	108	178	3.484	0.607	0.174	8.0	20.00
30661	40.8440	116.8758	-125.4	396	TBA	0	0	0	0	70	36.2	2116	51	54	217	1.059	0.249	0.235	8.0	20.00
30662	40.8440	116.8752	-146.1	400	TBA	0	0	0	0	64	36.3	2147	58	35	229	0.603	0.153	0.253	8.0	20.00
30663	40.8440	116.8746	-137.2	403	TBA	0	0	0	0	66	36.4	2147	45	125	196	2.778	0.638	0.230	8.0	20.00
30664	40.8440	116.8740	-107.3	404	TBA	0	0	0	0	68	36.4	2219	34	179	131	5.265	1.366	0.260	8.1	20.00
30665	40.8441	116.8734	-83.7	401	TBA	0	0	0	0	68	36.3	2129	39	58	251	1.487	0.231	0.155	8.2	20.00
30666	40.8441	116.8728	-83.9	396	TBA	0	0	0	0	68	36.2	2193	44	138	183	3.136	0.754	0.240	8.2	20.00
30667	40.8441	116.8722	-97.5	394	TBA	0	0	0	0	60	36.2	2110	34	100	226	2.941	0.442	0.150	8.1	20.00
30668	40.8441	116.8716	-103.1	399	TBA	0	0	1	0	62	36.3	2143	65	14	225	0.215	0.062	0.289	8.1	20.00
30669	40.8441	116.8710	-93.4	405	TBA	0	0	0	0	74	36.4	2091	65	48	216	0.738	0.222	0.301	8.0	20.00
30670	40.8441	116.8704	-86.0	410	TBA	0	0	0	0	68	36.5	2153	52	58	222	1.115	0.261	0.234	8.1	20.00
30671	40.8441	116.8698	-83.1	413	TBA	0	0	0	0	74	36.6	2128	43	83	198	1.930	0.419	0.217	8.2	20.00
30672	40.8441	116.8691	-73.0	415	TBA	0	0	0	0	73	36.6	2203	62	66	238	1.065	0.277	0.261	8.3	20.00
30673	40.8441	116.8685	-55.3	426	TBA	0	0	0	0	69	36.9	2177	36	95	201	2.639	0.473	0.179	8.4	20.00
30674	40.8441	116.8679	-39.0	450	TBA	0	0	0	0	73	37.4	2224	51	52	225	1.020	0.231	0.227	8.5	20.00
30675	40.8441	116.8673	-29.5	470	TBA	0	0	0	0	65	37.8	2296	40	86	260	2.150	0.331	0.154	8.5	20.00
30676	40.8441	116.8667	-29.9	463	TBA	0	0	0	0	78	37.6	2374	61	39	243	0.639	0.160	0.251	8.5	20.00
30677	40.8441	116.8661	-37.3	460	TBA	0	0	0	0	69	37.6	2372	36	157	213	4.361	0.737	0.169	8.6	20.00
30678	40.8441	116.8655	-45.5	459	TBA	0	0	0	0	78	37.5	2271	56	81	230	1.620	0.352	0.217	8.6	20.00
30679	40.8441	116.8649	-48.9	457	TBA	0	0	0	0	73	41.2	2376	53	112	220	2.113	0.509	0.241	8.6	20.00
30680	40.8441	116.8643	-46.9	463	TBA	0	0	0	0	71	41.3	2372	39	118	241	3.026	0.490	0.162	8.6	20.00
30681	40.8441	116.8637	-41.1	465	TBA	0	0	0	0	63	41.4	2437	41	182	210	4.439	0.867	0.195	8.6	20.00
30682	40.8441	116.8631	-32.7	465	TBA	0	0	0	0	70	41.4	2442	55	150	177	2.727	0.847	0.311	8.6	20.00
30683	40.8441	116.8625	-21.8	468	TBA	0	0	0	0	66	41.5	2366	59	131	230	2.220	0.570	0.257	8.5	20.00
30684	40.8441	116.8619	-9.7	472	TBA	0	0	0	0	72	41.5	2525	69	81	238	1.174	0.340	0.290	8.5	20.00
30685	40.8441	116.8613	2.0	472	TBA	0	0	0	0	70	41.5	2401	51	162	196	3.176	0.827	0.260	8.5	20.00
30686	40.8441	116.8607	10.8	472	TBA	0	0	0	0	68	41.5	2299	52	43	227	0.827	0.189	0.229	8.6	20.00
30687	40.8441	116.8601	20.9	469	TBA	0	0	0	0	73	41.5	2330	54	134	207	2.481	0.647	0.261	8.5	20.00
30688	40.8441	116.8595	34.4	456	TBA	0	0	0	0	70	41.2	2343	68	104	173	1.529	0.601	0.393	8.5	20.00
30689	40.8441	116.8589	50.0	447	TBA	0	0	0	0	73	41.0	2460	64	103	207	1.609	0.498	0.309	8.5	20.00
30690	40.8441	116.8582	65.1	420	TBA	0	0	0	0	70	40.4	2350	51	110	187	2.157	0.588	0.273	8.4	20.00
30691	40.8442	116.8576	86.0	391	TBA	0	0	0	0	62	39.7	2293	45	190	124	4.222	1.532	0.363	8.4	20.00
30692	40.8442	116.8570	116.1	387	TBA	0	0	0	0	73	39.6	2307	61	68	207	1.115	0.329	0.295	8.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
30693	40.8442	116.8564	164.4	414	TBA	0	0	1	0	67	40.3	2264	98	-8	207	-0.082	-0.039	0.473	8.4	20.00
30694	40.8442	116.8558	228.1	451	TBA	0	0	0	0	66	41.1	2407	57	147	146	2.579	1.007	0.390	8.2	20.00
30695	40.8442	116.8552	303.6	469	TBA	0	0	0	0	62	41.5	2535	74	104	224	1.405	0.464	0.330	8.2	20.00
30696	40.8442	116.8546	384.9	461	TBA	0	0	0	0	68	41.3	2392	66	66	221	1.000	0.299	0.299	8.2	20.00
30697	40.8442	116.8540	467.1	470	TBA	0	0	0	0	77	41.5	2450	56	114	217	2.036	0.525	0.258	8.2	20.00
30698	40.8442	116.8534	532.5	473	TBA	0	0	0	0	66	45.0	2464	61	198	141	3.246	1.404	0.433	8.1	20.00
30699	40.8442	116.8528	559.1	477	TBA	0	0	0	0	64	45.1	2491	50	131	195	2.620	0.672	0.256	8.2	20.00
30700	40.8442	116.8522	548.3	480	TBA	0	0	0	0	70	45.1	2570	55	103	272	1.873	0.379	0.202	8.2	20.00
30701	40.8442	116.8516	520.2	489	TBA	0	0	0	0	70	45.4	2578	65	88	229	1.354	0.384	0.284	8.1	20.00
30702	40.8442	116.8510	494.8	514	TBA	0	0	0	0	58	45.9	2541	66	70	241	1.061	0.290	0.274	8.0	20.00
30703	40.8442	116.8504	479.0	498	TBA	0	0	0	0	67	45.6	2587	75	145	147	1.933	0.986	0.510	7.8	20.00
30704	40.8442	116.8498	469.1	493	TBA	0	0	0	0	80	45.5	2598	73	84	249	1.151	0.337	0.293	7.7	20.00
30705	40.8442	116.8492	455.4	489	TBA	0	0	0	0	69	45.4	2656	86	85	226	0.988	0.376	0.381	7.6	20.00
30706	40.8442	116.8486	428.0	478	TBA	0	0	0	0	71	45.1	2624	69	72	247	1.043	0.291	0.279	7.6	20.00
30707	40.8442	116.8480	389.0	471	TBA	0	0	0	0	73	44.9	2871	74	56	324	0.757	0.173	0.228	7.5	20.00
30708	40.8442	116.8473	357.9	474	TBA	0	0	0	0	69	45.0	2949	83	151	220	1.819	0.686	0.377	7.4	20.00
30709	40.8442	116.8467	328.2	463	TBA	0	0	0	0	72	44.8	3064	67	157	335	2.343	0.469	0.200	7.3	20.00
30710	40.8442	116.8461	269.1	410	TBA	0	0	0	0	62	43.5	3252	91	171	307	1.879	0.557	0.296	7.3	20.00
30711	40.8442	116.8455	166.9	343	TBA	0	0	0	0	72	41.7	3075	96	133	303	1.385	0.439	0.317	7.2	20.00
30712	40.8442	116.8449	47.3	340	TBA	0	0	0	0	83	41.6	3136	109	114	281	1.046	0.406	0.388	7.3	20.00
30713	40.8442	116.8443	-34.5	322	TBA	0	0	0	0	72	41.1	2893	93	46	314	0.495	0.146	0.296	7.3	20.00
30714	40.8442	116.8437	-59.3	327	TBA	0	0	0	0	79	41.3	2747	73	110	276	1.507	0.399	0.264	7.4	20.00
30715	40.8442	116.8431	-34.3	347	TBA	0	0	0	0	75	41.8	2796	69	170	283	2.464	0.601	0.244	7.3	20.00
30716	40.8443	116.8425	10.3	350	TBA	0	0	0	0	72	41.9	2883	120	51	252	0.425	0.202	0.476	7.2	20.00
30717	40.8443	116.8419	53.4	346	TBA	0	0	0	0	72	36.1	2810	94	96	286	1.021	0.336	0.329	7.3	20.00
30718	40.8443	116.8413	87.3	345	TBA	0	0	0	0	74	36.1	2671	62	166	241	2.677	0.689	0.257	7.4	20.00
30719	40.8443	116.8407	114.2	356	TBA	0	0	0	0	64	36.3	2760	64	236	208	3.688	1.135	0.308	7.5	20.00
30720	40.8443	116.8401	130.2	376	TBA	0	0	0	0	69	36.8	2743	91	141	196	1.549	0.719	0.464	7.5	20.00
30721	40.8443	116.8395	136.9	385	TBA	0	0	0	0	73	37.0	2689	83	97	278	1.169	0.349	0.299	7.5	20.00
30722	40.8443	116.8389	152.7	369	TBA	0	0	0	0	75	36.6	2673	80	117	220	1.463	0.532	0.364	7.4	20.00
30723	40.8443	116.8383	157.0	363	TBA	0	0	0	0	73	36.5	2717	95	139	219	1.463	0.635	0.434	7.4	20.00
30724	40.8443	116.8377	142.2	350	TBA	0	0	0	0	69	36.2	2675	75	119	247	1.587	0.482	0.304	7.2	20.00
30725	40.8443	116.8371	113.8	340	TBA	0	0	0	0	70	36.0	2727	117	77	250	0.658	0.308	0.468	7.1	20.00
30726	40.8443	116.8364	71.3	326	TBA	0	0	0	0	71	35.6	2692	75	68	294	0.907	0.231	0.255	7.2	20.00
30727	40.8443	116.8358	28.6	314	TBA	0	0	0	0	70	35.3	2618	68	203	212	2.985	0.958	0.321	7.2	20.00
30728	40.8443	116.8352	0.7	323	TBA	0	0	0	0	65	35.6	2525	74	90	236	1.216	0.381	0.314	7.2	20.00
30729	40.8443	116.8346	-7.5	344	TBA	0	0	0	0	71	36.0	2424	75	128	196	1.707	0.653	0.383	7.2	20.00
30730	40.8443	116.8340	-4.5	350	TBA	0	0	0	0	69	36.2	2430	64	145	206	2.266	0.704	0.311	7.1	20.00
30731	40.8443	116.8334	-2.9	352	TBA	0	0	0	0	76	36.2	2393	70	104	229	1.486	0.454	0.306	7.1	20.00
30732	40.8443	116.8328	0.4	349	TBA	0	0	0	0	68	36.2	2318	60	110	211	1.833	0.521	0.284	7.1	20.00
30733	40.8443	116.8322	7.3	355	TBA	0	0	0	0	82	36.3	2406	64	105	211	1.641	0.498	0.303	7.1	20.00
30734	40.8443	116.8316	12.8	364	TBA	0	0	0	0	68	36.5	2309	61	143	176	2.344	0.813	0.347	7.1	20.00
30735	40.8443	116.8310	22.7	377	TBA	0	0	0	0	68	36.8	2256	54	128	191	2.370	0.670	0.283	7.1	20.00
30736	40.8443	116.8304	33.7	384	TBA	0	0	0	0	79	34.8	2254	64	95	193	1.484	0.492	0.332	7.1	20.00
*30737	40.8443	116.8298	40.8	384	TBA	0	0	0	0	76	34.8	2235	47	122	208	2.596	0.587	0.226	7.1	20.00
30738	40.8443	116.8292	46.2	386	TBA	0	0	0	0	74	34.8	2204	50	153	148	3.060	1.034	0.338	7.1	20.00
30739	40.8443	116.8286	48.0	387	TBA	0	0	0	0	76	34.9	2288	57	87	221	1.526	0.394	0.258	7.1	20.00
30740	40.8443	116.8280	51.2	389	TBA	0	0	0	0	77	34.9	2242	57	98	218	1.719	0.450	0.261	7.1	20.00
30741	40.8444	116.8274	55.1	393	TBA	0	0	0	0	62	35.0	2220	61	71	204	1.164	0.348	0.299	7.1	20.00
30742	40.8444	116.8268	59.0	396	TBA	0	0	0	0	72	35.1	2305	56	150	177	2.679	0.847	0.316	7.1	20.00
30743	40.8444	116.8262	63.4	401	TBA	0	0	0	0	71	35.2	2302	71	128	174	1.803	0.736	0.408	7.1	20.00
30744	40.8444	116.8255	75.7	401	TBA	0	0	0	0	71	35.2	2230	62	140	137	2.258	1.022	0.453	7.1	20.00
30745	40.8444	116.8249	96.4	399	TBA	0	0	0	0	69	35.1	2257	72	111	158	1.542	0.703	0.456	7.1	20.00
30746	40.8444	116.8243	110.2	396	TBA	0	0	0	0	64	35.1	2264	48	211	123	4.396	1.715	0.390	7.1	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
30747	40.8444	116.8237	113.0	389	TBA	0	0	0	0	70	34.9	2244	63	91	182	1.444	0.500	0.346	7.2	20.00
30748	40.8444	116.8231	111.3	386	TBA	0	0	0	0	78	34.9	2211	64	90	126	1.406	0.714	0.508	7.3	20.00
30749	40.8444	116.8225	105.2	387	TBA	0	0	0	0	72	34.9	2243	52	101	183	1.942	0.552	0.284	7.2	20.00
30750	40.8444	116.8219	95.4	394	TBA	0	0	0	0	66	35.0	2225	46	56	219	1.217	0.256	0.210	7.2	20.00
30751	40.8444	116.8213	84.8	395	TRF2	0	0	0	0	75	35.0	2240	45	73	209	1.622	0.349	0.215	7.3	20.00
30752	40.8444	116.8207	74.1	394	TRF2	0	0	0	0	69	35.0	2217	63	100	134	1.587	0.746	0.470	7.3	20.00
30753	40.8444	116.8201	69.2	394	TRF2	0	0	0	0	60	35.0	2196	66	34	211	0.515	0.161	0.313	7.4	20.00
30754	40.8444	116.8195	67.3	392	TRF2	0	0	0	0	71	35.0	2204	53	136	190	2.566	0.716	0.279	7.3	20.00
30755	40.8444	116.8189	69.7	389	TRF2	0	0	0	0	72	34.6	2230	64	146	143	2.281	1.021	0.448	7.3	20.00
30756	40.8444	116.8183	77.3	390	TRF2	0	0	0	0	63	34.6	2219	54	139	139	2.574	1.000	0.388	7.4	20.00
30757	40.8444	116.8177	89.6	386	TRF2	0	0	0	0	64	34.6	2245	53	97	207	1.830	0.469	0.256	7.4	20.00
30758	40.8444	116.8171	104.7	384	TRF2	0	0	0	0	71	34.5	2203	48	173	146	3.604	1.185	0.329	7.5	20.00
30759	40.8444	116.8165	118.1	384	TRF2	0	0	0	0	69	34.5	2188	56	53	202	0.946	0.262	0.277	7.6	20.00
30760	40.8444	116.8159	131.7	381	TRF2	0	0	0	0	61	34.5	2212	53	140	143	2.642	0.979	0.371	7.8	20.00
30761	40.8444	116.8153	144.0	377	TBI	0	0	0	0	73	34.4	2181	46	128	156	2.783	0.821	0.295	8.0	20.00
30762	40.8444	116.8146	159.4	376	TBI	0	0	0	0	71	34.4	2235	62	102	156	1.645	0.654	0.397	8.2	20.00
30763	40.8444	116.8140	173.3	375	TBI	0	0	0	0	76	34.3	2240	68	70	195	1.029	0.359	0.349	8.3	20.00
30764	40.8444	116.8134	183.1	374	TBI	0	0	0	0	69	34.3	2218	53	97	212	1.830	0.458	0.250	8.3	20.00
30765	40.8444	116.8128	189.7	374	TBI	0	0	0	0	72	34.3	2227	48	163	143	3.396	1.140	0.336	8.3	20.00
30766	40.8444	116.8122	196.6	372	TBI	0	0	0	0	67	34.3	2236	55	95	181	1.727	0.525	0.304	8.3	20.00
30767	40.8445	116.8116	197.9	371	TBI	0	0	0	0	69	34.3	2324	54	69	254	1.278	0.272	0.213	8.4	20.00
30768	40.8445	116.8110	188.7	366	TBI	0	0	0	0	69	34.1	2301	63	138	165	2.190	0.836	0.382	8.5	20.00
30769	40.8445	116.8104	173.7	348	TBI	0	0	0	0	70	33.8	2326	74	49	215	0.662	0.228	0.344	8.6	20.00
30770	40.8445	116.8098	163.2	336	TBI	0	0	0	0	72	33.5	2206	51	79	207	1.549	0.382	0.246	8.7	20.00
30771	40.8445	116.8092	156.8	325	TBI	0	0	0	0	71	33.3	2269	59	138	168	2.339	0.821	0.351	8.8	20.00
30772	40.8445	116.8086	148.3	313	TBI	0	0	1	0	63	33.0	2159	66	26	224	0.394	0.116	0.295	8.8	20.00
30773	40.8445	116.8080	139.3	303	TBI	0	0	0	0	74	32.8	2160	59	109	172	1.847	0.634	0.343	8.8	20.00
30774	40.8445	116.8074	141.4	300	TBI	0	0	0	0	88	37.9	2206	64	68	208	1.063	0.327	0.308	9.0	20.00
30775	40.8445	116.8068	105.0	302	TBI	0	0	0	0	70	38.0	2174	64	106	192	1.656	0.552	0.333	9.1	20.00
30776	40.8445	116.8062	4.4	306	TBI	0	0	0	0	76	38.1	2240	58	72	215	1.241	0.335	0.270	9.0	20.00
30777	40.8445	116.8056	-100.6	313	TBI	0	0	0	0	65	38.3	2295	48	122	231	2.542	0.528	0.208	9.1	20.00
30778	40.8445	116.8050	-147.2	324	TBI	0	0	0	0	61	38.5	2263	46	158	196	3.435	0.806	0.235	9.2	20.00
30779	40.8445	116.8044	-125.8	323	TBI	0	0	0	0	67	38.5	2241	52	149	161	2.865	0.925	0.323	9.2	20.00
30780	40.8445	116.8038	-100.0	318	TBI	0	0	0	0	61	38.4	2211	63	113	184	1.794	0.614	0.342	9.3	20.00
30781	40.8445	116.8031	-56.1	323	TBI	0	0	0	0	74	38.5	2283	60	107	197	1.783	0.543	0.305	9.4	20.00
30782	40.8445	116.8025	-6.4	332	TBI	0	0	0	0	77	38.7	2270	62	104	179	1.677	0.581	0.346	9.4	20.00
30783	40.8445	116.8019	-5.5	335	TBI	0	0	0	0	71	38.8	2259	60	103	198	1.717	0.520	0.303	9.5	20.00
30784	40.8445	116.8013	-41.3	343	TBI	0	0	0	0	70	39.0	2249	64	125	171	1.953	0.731	0.374	9.5	20.00
30785	40.8445	116.8007	-95.6	354	TBI	0	0	0	0	79	39.3	2257	65	76	231	1.169	0.329	0.281	9.6	20.00
30786	40.8445	116.8001	-163.7	361	TBI	0	0	0	0	73	39.5	2230	45	108	197	2.400	0.548	0.228	9.6	20.00
30787	40.8445	116.7995	-204.3	369	TBI	0	0	0	0	66	39.7	2191	46	67	206	1.457	0.325	0.223	9.7	20.00
30788	40.8445	116.7989	-204.8	383	TBI	0	0	0	0	68	40.0	2169	67	35	196	0.522	0.179	0.342	9.8	20.00
30789	40.8445	116.7983	-188.4	388	TBI	0	0	0	0	80	40.1	2187	64	41	197	0.641	0.208	0.325	9.9	20.00
30790	40.8445	116.7977	-177.7	393	TBI	0	0	0	0	70	40.3	2216	69	91	169	1.319	0.538	0.408	10.0	20.00
30791	40.8445	116.7971	-182.0	407	TBI	0	0	0	0	75	40.6	2201	60	131	122	2.183	1.074	0.492	10.0	20.00
30792	40.8446	116.7965	-184.9	410	TBI	0	0	0	0	69	40.7	2205	67	116	149	1.731	0.779	0.450	10.0	20.00
30793	40.8446	116.7959	-175.2	416	TBI	0	0	0	0	68	36.6	2227	64	58	161	0.906	0.360	0.398	10.1	20.00
30794	40.8446	116.7953	-156.8	422	TBI	0	0	0	0	65	36.8	2232	70	97	186	1.386	0.522	0.376	10.2	20.00
30795	40.8446	116.7947	-138.1	430	TBI	0	0	0	0	71	36.9	2296	55	137	175	2.491	0.783	0.314	10.3	20.00
30796	40.8446	116.7941	-123.6	438	TBI	0	0	0	0	69	37.1	2336	92	42	173	0.457	0.243	0.532	10.4	20.00
30797	40.8446	116.7935	-113.7	444	TBI	0	0	0	0	77	37.2	2273	63	105	168	1.667	0.625	0.375	10.5	20.00
30798	40.8446	116.7929	-110.1	446	TBI	0	0	0	0	75	37.3	2216	48	59	215	1.229	0.274	0.223	10.5	20.00
30799	40.8446	116.7922	-100.7	443	TBI	0	0	0	0	65	37.2	2307	74	102	190	1.378	0.537	0.389	10.6	20.00
30800	40.8446	116.7916	-89.6	445	TBI	0	0	0	0	67	37.2	2298	70	87	193	1.243	0.451	0.363	10.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
30801	40.8446	116.7910	-76.7	454	TBI	0	0	0	0	76	37.4	2266	58	94	162	1.621	0.580	0.358	10.9	20.00
30802	40.8446	116.7904	-60.0	459	TBI	0	0	0	0	68	37.5	2200	59	61	201	1.034	0.303	0.294	11.0	20.00
30803	40.8446	116.7898	-44.4	461	TBI	0	0	0	0	68	37.6	2220	57	67	193	1.175	0.347	0.295	11.1	20.00
30804	40.8446	116.7892	-35.3	462	TBI	0	0	0	0	61	37.6	2238	73	64	185	0.877	0.346	0.395	11.2	20.00
30805	40.8446	116.7886	-34.3	470	TBI	0	0	0	0	65	37.7	2237	51	107	182	2.098	0.588	0.280	11.4	20.00
30806	40.8446	116.7880	-27.9	474	TBI	0	0	0	0	76	37.8	2271	46	112	170	2.435	0.659	0.271	11.6	20.00
30807	40.8446	116.7874	-8.6	472	TBI	0	0	0	0	78	37.8	2164	59	86	167	1.458	0.515	0.353	11.8	20.00
30808	40.8446	116.7868	17.6	476	TBI	0	0	0	0	67	37.9	2234	68	65	169	0.956	0.385	0.402	11.9	20.00
30809	40.8446	116.7862	39.3	491	TBI	0	0	0	0	75	38.1	2206	28	115	208	4.107	0.553	0.135	11.9	20.00
30810	40.8446	116.7856	51.2	497	TBI	0	0	0	0	80	38.3	2233	51	62	164	1.216	0.378	0.311	11.9	20.00
30811	40.8446	116.7850	55.6	493	TBI	0	0	0	0	74	38.2	2205	40	87	194	2.175	0.448	0.206	11.9	20.00
30812	40.8446	116.7844	48.2	496	TBI	0	0	0	0	69	39.2	2310	61	76	185	1.246	0.411	0.330	11.9	20.00
30813	40.8446	116.7838	35.8	494	TBI	0	0	0	0	70	39.1	2172	61	90	193	1.475	0.466	0.316	12.0	20.00
30814	40.8446	116.7832	23.6	482	TBI	0	0	0	0	80	38.9	2287	59	65	187	1.102	0.348	0.316	11.9	20.00
30815	40.8446	116.7826	14.7	478	TBI	0	0	0	0	73	38.8	2280	52	103	187	1.981	0.551	0.278	12.0	20.00
30816	40.8446	116.7820	10.5	477	TBI	0	0	0	0	80	38.8	2245	53	45	217	0.849	0.207	0.244	12.1	20.00
30817	40.8447	116.7813	10.7	481	TBI	0	0	0	0	66	38.9	2254	71	72	146	1.014	0.493	0.486	12.1	20.00
30818	40.8447	116.7807	11.1	490	TBI	0	0	0	0	71	39.1	2276	55	67	227	1.218	0.295	0.242	12.2	20.00
30819	40.8447	116.7801	8.1	481	TBI	0	0	0	0	73	38.9	2288	65	67	192	1.031	0.349	0.339	12.1	20.00
30820	40.8447	116.7795	2.4	466	TBI	0	0	0	0	66	38.6	2249	71	50	212	0.704	0.236	0.335	12.0	20.00
30821	40.8447	116.7789	-2.4	447	TBI	0	0	0	0	74	38.2	2237	67	78	166	1.164	0.470	0.404	12.1	20.00
30822	40.8447	116.7783	-9.4	432	TBI	0	0	0	0	77	37.9	2289	41	123	195	3.000	0.631	0.210	12.1	20.00
30823	40.8446	116.7777	-16.3	426	TBI	0	0	0	0	73	37.8	2312	48	137	188	2.854	0.729	0.255	12.3	20.00
30824	40.8445	116.7771	-10.7	419	TBI	0	0	0	0	78	37.6	2300	51	149	173	2.922	0.861	0.295	12.3	20.00
30825	40.8445	116.7764	23.6	407	TBI	0	0	0	0	70	37.4	2317	52	136	175	2.615	0.777	0.297	12.3	20.00
30826	40.8444	116.7758	56.4	397	TBI	0	0	0	0	65	37.1	2363	80	64	209	0.800	0.306	0.383	12.2	20.00
30827	40.8443	116.7752	85.5	395	TBI	0	0	0	0	71	37.1	2290	57	101	207	1.772	0.488	0.275	12.3	20.00
30828	40.8443	116.7745	102.5	402	TBI	0	0	0	0	64	37.2	2371	76	99	177	1.303	0.559	0.429	12.4	20.00
30829	40.8442	116.7739	93.5	410	TBI	0	0	0	0	71	37.4	2323	48	137	194	2.854	0.706	0.247	12.3	20.00
30830	40.8441	116.7733	68.9	415	TBI	0	0	0	0	68	37.5	2230	69	36	199	0.522	0.181	0.347	12.3	20.00
30831	40.8440	116.7726	28.3	409	TBI	0	0	0	0	77	34.6	2195	54	59	225	1.093	0.262	0.240	12.3	20.00
30832	40.8440	116.7720	-11.8	411	TBI	0	0	0	0	72	34.7	2092	42	110	186	2.619	0.591	0.226	12.3	20.00
30833	40.8439	116.7714	-33.7	406	TBI	0	0	0	0	72	34.6	2084	57	102	147	1.789	0.694	0.388	12.3	20.00
30834	40.8438	116.7708	-65.4	400	TBI	0	0	0	0	70	34.4	2033	49	104	137	2.122	0.759	0.358	12.4	20.00
30835	40.8438	116.7701	-108.0	398	TBI	0	0	0	0	64	34.4	2150	66	77	171	1.167	0.450	0.386	12.5	20.00
30836	40.8437	116.7695	-145.6	397	TBI	0	0	0	0	73	34.4	2110	69	71	157	1.029	0.452	0.439	12.5	20.00
30837	40.8436	116.7689	-156.2	396	TBI	0	0	0	0	71	34.4	2190	47	101	216	2.149	0.468	0.218	12.5	20.00
30838	40.8436	116.7682	-130.1	394	TBI	0	0	0	0	68	34.3	2197	52	133	155	2.558	0.858	0.335	12.6	20.00
30839	40.8435	116.7676	-110.1	397	TBI	0	0	0	0	70	34.4	2160	59	77	180	1.305	0.428	0.328	12.7	20.00
30840	40.8434	116.7670	-109.2	399	TBI	0	0	0	0	74	34.4	2250	71	113	152	1.592	0.743	0.467	12.7	20.00
30841	40.8433	116.7663	-109.8	399	TBI	0	0	0	0	68	34.4	2170	52	159	146	3.058	1.089	0.356	12.7	20.00
30842	40.8433	116.7657	-110.1	404	TBI	0	0	0	0	75	34.5	2257	57	97	182	1.702	0.533	0.313	12.9	20.00
30843	40.8432	116.7651	-104.7	408	TBI	0	0	0	0	70	34.6	2259	58	119	165	2.052	0.721	0.352	13.1	20.00
30844	40.8431	116.7644	-93.7	413	TBI	0	0	0	0	68	34.7	2191	60	124	152	2.067	0.816	0.395	13.3	20.00
30845	40.8431	116.7638	-82.8	423	TBI	0	0	0	0	67	34.9	2326	43	164	168	3.814	0.976	0.256	13.3	20.00
30846	40.8430	116.7632	-78.3	429	TBI	0	0	1	0	80	35.0	2295	68	19	237	0.279	0.080	0.287	13.3	20.00
30847	40.8429	116.7626	-76.4	434	TBI	0	0	0	0	69	35.1	2285	56	108	189	1.929	0.571	0.296	13.3	20.00
30848	40.8429	116.7619	-63.7	434	TBI	0	0	0	0	75	35.1	2286	64	92	195	1.438	0.472	0.328	13.2	20.00
30849	40.8428	116.7613	-51.1	430	TBI	0	0	0	0	82	35.0	2295	47	125	178	2.617	0.691	0.264	13.2	20.00
30850	40.8427	116.7607	-50.7	430	TBI	0	0	0	0	76	36.9	2284	46	108	195	2.348	0.554	0.236	13.2	20.00
30851	40.8426	116.7600	-53.6	427	TBI	0	0	0	0	70	36.8	2332	58	138	190	2.379	0.726	0.305	13.1	20.00
30852	40.8426	116.7594	-52.2	424	TBI	0	0	0	0	65	36.8	2368	77	89	193	1.156	0.461	0.399	13.0	20.00
30853	40.8425	116.7588	-45.6	417	TBI	0	0	0	0	74	36.6	2184	55	92	176	1.673	0.523	0.313	12.9	20.00
30854	40.8424	116.7581	-39.7	410	TBI	0	0	0	0	76	36.5	2218	56	103	196	1.839	0.526	0.286	12.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
30855	40.8424	116.7575	-40.4	406	TBI	0	0	0	0	75	36.4	2256	51	81	214	1.588	0.379	0.238	12.8	20.00
30856	40.8423	116.7569	-41.2	408	TBI	0	0	0	0	74	36.4	2249	72	52	199	0.722	0.261	0.362	12.7	20.00
30857	40.8422	116.7563	-40.6	408	TBI	0	0	0	0	73	36.4	2251	52	161	162	3.096	0.994	0.321	12.6	20.00
30858	40.8422	116.7556	-35.5	403	TBI	0	0	0	0	61	36.3	2135	50	102	186	2.040	0.548	0.269	12.4	20.00
30859	40.8421	116.7550	-32.0	405	TBI	0	0	1	0	63	36.4	2230	87	26	198	0.299	0.131	0.439	12.4	20.00
30860	40.8420	116.7544	-27.7	405	TBI	0	0	0	0	71	36.4	2170	63	73	174	1.159	0.420	0.362	12.3	20.00
30861	40.8419	116.7537	-22.9	416	TBI	0	0	0	0	80	36.6	2208	53	85	187	1.604	0.455	0.283	12.3	20.00
30862	40.8419	116.7531	-21.1	429	TBI	0	0	0	0	73	36.9	2228	49	111	176	2.265	0.631	0.278	12.3	20.00
30863	40.8418	116.7525	-31.1	421	TBI	0	0	1	0	81	36.7	2237	76	5	223	0.066	0.022	0.341	12.2	20.00
30864	40.8417	116.7518	-53.7	415	TBI	0	0	0	0	68	36.6	2254	41	151	189	3.683	0.799	0.217	12.0	20.00
30865	40.8417	116.7512	-83.0	417	TBI	0	0	0	0	76	36.6	2184	49	99	176	2.020	0.563	0.278	12.0	20.00
30866	40.8416	116.7506	-100.9	415	TBI	0	0	0	0	69	36.6	2199	53	124	185	2.340	0.670	0.286	12.1	20.00
30867	40.8415	116.7499	-92.5	410	TBI	0	0	0	0	66	36.5	2231	54	135	160	2.500	0.844	0.337	12.0	20.00
30868	40.8415	116.7493	-74.7	410	TBI	0	0	0	0	66	36.5	2309	69	48	220	0.696	0.218	0.314	12.1	20.00
30869	40.8414	116.7487	-64.3	407	TBI	0	0	0	0	71	33.2	2284	78	79	200	1.013	0.395	0.390	12.1	20.00
30870	40.8413	116.7481	-60.8	412	TBI	0	0	0	0	68	33.3	2249	68	106	148	1.559	0.716	0.459	12.1	20.00
30871	40.8412	116.7474	-62.4	415	TBI	0	0	0	0	64	33.4	2311	69	62	233	0.899	0.266	0.296	12.1	20.00
30872	40.8412	116.7468	-65.1	406	TBI	0	0	0	0	65	33.2	2212	72	66	173	0.917	0.382	0.416	12.1	20.00
30873	40.8411	116.7462	-65.4	407	TBI	0	0	0	0	70	33.2	2234	51	149	169	2.922	0.882	0.302	12.1	20.00
30874	40.8410	116.7455	-62.8	399	TBI	0	0	0	0	77	33.1	2263	55	172	154	3.127	1.117	0.357	11.9	20.00
30875	40.8410	116.7449	-61.0	392	TBI	0	0	0	0	69	32.9	2234	54	123	174	2.278	0.707	0.310	11.9	20.00
30876	40.8409	116.7443	-64.1	392	TBI	0	0	0	0	69	32.9	2210	68	80	199	1.176	0.402	0.342	12.0	20.00
30877	40.8408	116.7436	-69.1	398	TBI	0	0	0	0	70	33.1	2277	60	109	181	1.817	0.602	0.331	12.2	20.00
30878	40.8408	116.7430	-74.3	399	TBI	0	0	0	0	70	33.1	2242	61	107	131	1.754	0.817	0.466	12.4	20.00
30879	40.8408	116.7423	-80.6	403	TBI	0	0	0	0	73	33.2	2345	67	68	207	1.015	0.329	0.324	12.4	20.00
30880	40.8407	116.7417	-86.4	408	TBI	0	0	0	0	71	33.2	2360	46	188	151	4.087	1.245	0.305	12.6	20.00
30881	40.8407	116.7410	-91.5	413	TBI	0	0	0	0	76	33.4	2476	61	92	244	1.508	0.377	0.250	12.6	20.00
30882	40.8407	116.7403	-95.7	403	TBI	0	0	0	0	71	33.2	2360	59	75	248	1.271	0.302	0.238	12.7	20.00
30883	40.8407	116.7397	-98.0	392	TBI	0	0	0	0	68	32.9	2352	57	155	201	2.719	0.771	0.284	12.9	20.00
30884	40.8406	116.7390	-98.4	385	TBI	0	0	0	0	69	32.8	2256	62	88	202	1.419	0.436	0.307	13.0	20.00
30885	40.8406	116.7383	-97.6	378	TBI	0	0	0	0	74	32.7	2211	53	131	165	2.472	0.794	0.321	13.0	20.00
30886	40.8406	116.7377	-96.7	376	TBI	0	0	0	0	69	32.6	2239	60	88	219	1.467	0.402	0.274	13.2	20.00
30887	40.8406	116.7370	-93.9	373	TBI	0	0	0	0	81	32.6	2214	68	63	190	0.926	0.332	0.358	13.3	20.00
30888	40.8405	116.7363	-90.2	379	TBI	0	0	0	0	76	35.1	2298	50	167	186	3.340	0.898	0.269	13.4	20.00
30889	40.8405	116.7357	-83.6	383	TBI	0	0	0	0	64	35.2	2237	57	112	191	1.965	0.586	0.298	13.3	20.00
30890	40.8405	116.7350	-76.2	383	TBI	0	0	0	0	73	35.2	2234	66	85	190	1.288	0.447	0.347	13.4	20.00
30891	40.8405	116.7344	-68.6	386	TBI	0	0	0	0	70	35.3	2267	69	74	201	1.072	0.368	0.343	13.6	20.00
30892	40.8404	116.7337	-62.9	395	TBI	0	0	0	0	68	35.5	2269	64	136	184	2.125	0.739	0.348	13.7	20.00
30893	40.8404	116.7330	-58.5	393	TBI	0	0	0	0	72	35.4	2368	59	142	178	2.407	0.798	0.331	13.7	20.00
30894	40.8404	116.7324	-54.9	396	TBI	0	0	0	0	66	35.5	2316	75	82	190	1.079	0.432	0.400	13.6	20.00
30895	40.8403	116.7317	-54.2	400	TBI	0	0	0	0	71	35.6	2288	59	109	154	1.847	0.708	0.383	13.5	20.00
30896	40.8403	116.7310	-56.1	401	TBI	0	0	0	0	63	35.6	2255	60	72	238	1.200	0.303	0.252	13.7	20.00
30897	40.8403	116.7304	-59.4	401	TBI	0	0	0	0	68	35.6	2182	68	127	124	1.868	1.024	0.548	13.7	20.00
30898	40.8403	116.7297	-65.8	405	TBI	0	0	0	0	70	35.7	2271	58	110	210	1.897	0.524	0.276	13.9	20.00
30899	40.8402	116.7290	-75.7	408	TBI	0	0	1	0	76	35.7	2248	83	-7	247	-0.084	-0.028	0.336	14.0	20.00
30900	40.8402	116.7284	-86.7	414	TBI	0	0	0	0	62	35.9	2192	69	58	182	0.841	0.319	0.379	14.0	20.00
30901	40.8402	116.7277	-98.8	419	TBI	0	0	0	0	65	36.0	2379	59	138	189	2.339	0.730	0.312	14.1	20.00
30902	40.8402	116.7271	-111.4	423	TBI	0	0	0	0	79	36.0	2276	59	121	168	2.051	0.720	0.351	14.1	20.00
30903	40.8401	116.7264	-126.0	426	TBI	0	0	0	0	75	36.1	2350	70	98	165	1.400	0.594	0.424	14.2	20.00
30904	40.8401	116.7257	-139.9	428	TBI	0	0	0	0	63	36.1	2315	50	147	177	2.940	0.831	0.282	14.3	20.00
30905	40.8401	116.7251	-150.7	435	TBI	0	0	0	0	77	36.3	2341	57	128	182	2.246	0.703	0.313	14.4	20.00
30906	40.8401	116.7244	-155.8	440	TBI	0	0	0	0	65	36.4	2395	80	95	171	1.188	0.556	0.468	14.4	20.00
30907	40.8400	116.7237	-156.7	437	TBI	0	0	0	0	64	38.3	2380	73	86	178	1.178	0.483	0.410	14.5	20.00
30908	40.8400	116.7231	-154.4	425	TBI	0	0	0	0	73	38.1	2357	57	139	192	2.439	0.724	0.297	14.5	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
30909	40.8400	116.7224	-149.9	415	TBI	0	0	0	0	76	37.9	2300	80	60	217	0.750	0.276	0.369	14.6	20.00
30910	40.8400	116.7217	-143.8	408	TBI	0	0	0	0	77	37.7	2400	63	127	199	2.016	0.638	0.317	14.6	20.00
30911	40.8399	116.7211	-132.7	415	TBI	0	0	0	0	66	37.9	2433	67	156	172	2.328	0.907	0.390	14.8	20.00
30912	40.8399	116.7204	-123.3	409	TBI	0	0	0	0	71	37.7	2374	83	101	177	1.217	0.571	0.469	14.9	20.00
30913	40.8399	116.7198	-117.3	401	TBI	0	0	0	0	73	37.6	2254	55	90	190	1.636	0.474	0.289	15.1	20.00
30914	40.8398	116.7191	-116.7	394	TBI	0	0	0	0	69	37.4	2310	63	89	196	1.413	0.454	0.321	15.2	20.00
30915	40.8398	116.7184	-118.9	392	TBI	0	0	0	0	64	37.4	2283	68	30	242	0.441	0.124	0.281	15.3	20.00
30916	40.8398	116.7178	-121.5	392	TBI	0	0	0	0	74	37.4	2246	70	125	151	1.786	0.828	0.464	15.3	20.00
30917	40.8398	116.7171	-124.6	392	TBI	0	0	0	0	66	37.4	2318	61	107	192	1.754	0.557	0.318	15.3	20.00
30918	40.8397	116.7164	-126.9	400	TBI	0	0	0	0	68	37.6	2218	66	67	212	1.015	0.316	0.311	15.3	20.00
30919	40.8397	116.7158	-128.1	399	TBI	0	0	0	0	69	37.5	2229	50	119	178	2.380	0.669	0.281	15.2	20.00
30920	40.8397	116.7151	-126.2	402	TBI	0	0	0	0	68	37.6	2198	60	128	171	2.133	0.749	0.351	15.2	20.00
30921	40.8397	116.7145	-120.3	407	TBI	0	0	0	0	67	37.7	2313	59	136	168	2.305	0.810	0.351	15.2	20.00
30922	40.8396	116.7138	-107.9	411	TBI	0	0	0	0	67	37.8	2260	59	112	177	1.898	0.633	0.333	15.1	20.00
30923	40.8396	116.7131	-89.5	414	TBI	0	0	0	0	78	37.9	2147	57	133	129	2.333	1.031	0.442	15.2	20.00
30924	40.8396	116.7125	-66.0	426	TBI	0	0	0	0	63	38.1	2293	49	171	156	3.490	1.096	0.314	15.3	20.00
30925	40.8396	116.7118	-41.4	426	TBI	0	0	0	0	75	38.1	2292	62	71	211	1.145	0.336	0.294	15.5	20.00
30926	40.8395	116.7111	-21.2	429	TBI	0	0	0	0	81	37.8	2258	55	74	182	1.345	0.407	0.302	15.4	20.00
30927	40.8395	116.7105	-9.6	431	TBI	0	0	0	0	66	37.8	2196	62	101	189	1.629	0.534	0.328	15.4	20.00
30928	40.8394	116.7099	-5.2	429	TBI	0	0	1	0	69	37.8	2284	75	22	207	0.293	0.106	0.362	15.2	20.00
30929	40.8393	116.7094	-7.8	422	TBI	0	0	0	0	79	37.6	2260	51	98	168	1.922	0.583	0.304	15.0	20.00
30930	40.8392	116.7089	-13.0	426	TBI	0	0	0	0	72	37.7	2365	72	49	230	0.681	0.213	0.313	15.0	20.00
30931	40.8391	116.7083	-19.6	427	TBI	0	0	0	0	67	37.7	2293	60	119	170	1.983	0.700	0.353	15.0	20.00
30932	40.8389	116.7078	-26.5	418	TBI	0	0	0	0	73	37.5	2291	68	109	149	1.603	0.732	0.456	14.9	20.00
30933	40.8388	116.7073	-35.3	418	TBI	0	0	0	0	70	37.6	2302	48	196	143	4.083	1.371	0.336	15.0	20.00
30934	40.8387	116.7067	-43.4	405	TBI	0	0	0	0	59	37.3	2298	62	172	143	2.774	1.203	0.434	15.0	20.00
30935	40.8386	116.7062	-52.5	398	TBI	0	0	0	0	69	37.1	2165	58	58	201	1.000	0.289	0.289	15.0	20.00
30936	40.8385	116.7056	-62.9	395	TBI	0	0	0	0	67	37.1	2152	53	88	192	1.660	0.458	0.276	15.0	20.00
30937	40.8384	116.7051	-75.0	385	TBI	0	0	0	0	71	36.8	2218	74	32	176	0.432	0.182	0.420	15.0	20.00
30938	40.8383	116.7046	-83.9	372	TBI	0	0	0	0	65	36.5	2239	51	124	191	2.431	0.649	0.267	15.0	20.00
30939	40.8381	116.7040	-90.3	368	TBI	0	0	0	0	67	36.4	2273	56	114	199	2.036	0.573	0.281	15.0	20.00
30940	40.8380	116.7035	-93.5	374	TBI	0	0	0	0	79	36.6	2226	79	109	160	1.380	0.681	0.494	15.1	20.00
30941	40.8379	116.7030	-95.0	384	TBI	0	0	0	0	73	36.8	2195	59	189	110	3.203	1.718	0.536	15.1	20.00
30942	40.8378	116.7024	-94.8	384	TBI	0	0	0	0	75	36.8	2105	57	57	203	1.000	0.281	0.281	15.0	20.00
30943	40.8377	116.7019	-96.8	387	TBI	0	0	0	0	77	36.9	2156	58	64	206	1.103	0.311	0.282	14.8	20.00
30944	40.8376	116.7014	-100.9	381	TBI	0	0	0	0	72	36.7	2162	63	60	188	0.952	0.319	0.335	14.7	20.00
30945	40.8375	116.7008	-106.5	382	TBI	0	0	0	0	70	41.5	2150	63	98	159	1.556	0.616	0.396	14.8	20.00
30946	40.8374	116.7003	-111.8	384	TBI	0	0	0	0	73	41.6	2120	58	70	157	1.207	0.446	0.369	15.0	20.00
30947	40.8372	116.6998	-117.9	379	TBI	0	0	0	0	72	41.4	2079	59	48	186	0.814	0.258	0.317	15.0	20.00
30948	40.8371	116.6992	-122.7	376	TBI	0	0	0	0	74	41.3	2178	62	65	160	1.048	0.406	0.387	15.1	20.00
30949	40.8370	116.6987	-127.3	372	TBI	0	0	0	0	70	41.3	2185	64	78	161	1.219	0.484	0.398	15.1	20.00
30950	40.8369	116.6981	-133.1	368	TBI	0	0	0	0	69	41.2	2232	52	136	157	2.615	0.866	0.331	15.0	20.00
30951	40.8368	116.6976	-141.4	371	TBI	0	0	0	0	71	41.2	2212	42	188	124	4.476	1.516	0.339	15.2	20.00
30952	40.8367	116.6971	-144.9	376	TBI	0	0	0	0	76	41.4	2117	56	96	130	1.714	0.738	0.431	15.2	20.00
30953	40.8366	116.6965	-143.7	384	TBI	0	0	0	0	70	41.6	2230	60	58	206	0.967	0.282	0.291	15.3	20.00
30954	40.8364	116.6960	-138.9	392	TBI	0	0	0	0	72	41.7	2289	37	75	237	2.027	0.316	0.156	15.3	20.00
30955	40.8363	116.6955	-132.1	401	TBI	0	0	0	0	68	42.0	2231	57	94	222	1.649	0.423	0.257	15.2	20.00
30956	40.8362	116.6949	-127.1	408	TBI	0	0	0	0	68	42.2	2177	53	84	182	1.585	0.462	0.291	15.1	20.00
30957	40.8361	116.6944	-125.9	414	TBI	0	0	0	0	66	42.3	2168	61	93	153	1.525	0.608	0.399	15.1	20.00
30958	40.8360	116.6939	-125.9	417	TBI	0	0	0	0	70	42.4	2229	57	61	176	1.070	0.347	0.324	15.0	20.00
30959	40.8359	116.6933	-128.7	421	TBI	0	0	0	0	73	42.5	2160	59	84	164	1.424	0.512	0.360	14.9	20.00
30960	40.8358	116.6928	-133.2	426	TBI	0	0	0	0	72	42.6	2270	64	118	174	1.844	0.678	0.368	14.9	20.00
30961	40.8357	116.6922	-137.2	435	TBI	0	0	0	0	70	42.8	2276	45	83	195	1.844	0.426	0.231	14.9	20.00
30962	40.8355	116.6917	-139.5	437	TBI	0	0	0	0	68	42.9	2157	55	107	165	1.945	0.648	0.333	14.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
30963	40.8354	116.6912	-144.1	429	TBI	0	0	0	0	75	42.7	2213	52	75	181	1.442	0.414	0.287	14.7	20.00
30964	40.8353	116.6906	-151.7	426	TBI	0	0	0	0	75	37.9	2170	60	72	176	1.200	0.409	0.341	14.5	20.00
30965	40.8352	116.6901	-159.3	424	TBI	0	0	0	0	69	37.8	2153	67	47	190	0.701	0.247	0.353	14.5	20.00
30966	40.8351	116.6896	-163.6	421	TBI	0	0	0	0	74	37.8	2218	51	85	218	1.667	0.390	0.234	14.5	20.00
30967	40.8350	116.6890	-170.4	419	TBI	0	0	0	0	71	37.7	2258	49	181	142	3.694	1.275	0.345	14.5	20.00
30968	40.8349	116.6885	-174.7	418	TBI	0	0	0	0	72	37.7	2204	65	58	176	0.892	0.330	0.369	14.5	20.00
30969	40.8347	116.6880	-180.3	418	TBI	0	0	0	0	75	37.7	2163	55	66	184	1.200	0.359	0.299	14.5	20.00
30970	40.8346	116.6874	-186.0	425	TBI	0	0	0	0	68	37.8	2183	49	93	178	1.898	0.522	0.275	14.5	20.00
30971	40.8345	116.6869	-192.5	435	TBI	0	0	0	0	65	38.1	2300	70	62	225	0.886	0.276	0.311	14.6	20.00
30972	40.8344	116.6864	-199.4	446	TBI	0	0	0	0	72	38.3	2195	33	130	187	3.939	0.695	0.176	14.7	20.00
30973	40.8342	116.6856	-203.4	462	TBI	0	0	0	0	62	38.6	2184	71	68	152	0.958	0.447	0.467	14.8	20.00
30974	40.8340	116.6847	-207.9	467	TBI	0	0	0	0	72	38.7	2224	48	110	165	2.292	0.667	0.291	14.7	20.00
30975	40.8338	116.6839	-214.2	464	TBI	0	0	0	0	70	38.6	2158	47	88	176	1.872	0.500	0.267	14.7	20.00
30976	40.8336	116.6831	-223.8	464	TBI	0	0	0	0	73	38.7	2185	54	83	205	1.537	0.405	0.263	14.6	20.00
30977	40.8333	116.6823	-236.3	466	TBI	0	0	0	0	78	38.7	2156	53	116	138	2.189	0.841	0.384	14.7	20.00
30978	40.8331	116.6815	-246.9	468	TBI	0	0	0	0	72	38.7	2109	50	72	200	1.440	0.360	0.250	14.9	20.00
30979	40.8329	116.6807	-260.8	478	TBI	0	0	0	0	69	38.9	2074	45	70	151	1.556	0.464	0.298	15.0	20.00
30980	40.8327	116.6799	-274.4	479	TBI	0	0	0	0	64	39.0	2058	54	36	190	0.667	0.189	0.284	15.2	20.00
30981	40.8325	116.6791	-289.8	466	TBI	0	0	1	0	76	38.7	2090	69	14	217	0.203	0.065	0.318	15.3	20.00
30982	40.8323	116.6783	-301.7	456	TBI	0	0	0	0	67	38.5	2138	59	137	114	2.322	1.202	0.518	15.4	20.00
30983	40.8321	116.6775	-304.8	456	TBI	0	0	0	0	63	36.6	2094	56	69	158	1.232	0.437	0.354	15.4	20.00
30984	40.8319	116.6767	-303.4	449	TBI	0	0	0	0	70	36.4	2147	60	105	154	1.750	0.682	0.390	15.2	20.00
30985	40.8317	116.6759	-300.2	442	TBI	0	0	0	0	70	36.3	1992	60	44	169	0.733	0.260	0.355	15.1	20.00
30986	40.8314	116.6751	-302.6	438	TBI	0	0	0	0	76	36.2	2022	43	142	104	3.302	1.365	0.413	15.0	20.00
30987	40.8312	116.6743	-305.1	437	TBI	0	0	0	0	80	36.2	2016	49	84	149	1.714	0.564	0.329	15.0	20.00
30988	40.8312	116.6737	-305.9	425	TBI	0	0	1	0	72	36.0	1976	43	22	195	0.512	0.113	0.221	14.9	20.00
30989	40.8312	116.6730	-302.2	410	TBI	0	0	1	0	75	35.7	1958	46	12	186	0.261	0.065	0.247	14.8	20.00
30990	40.8313	116.6724	-304.4	400	TBI	0	0	0	0	77	35.5	2048	60	111	128	1.850	0.867	0.469	14.8	20.00
30991	40.8313	116.6717	-311.6	391	TBI	0	0	0	0	68	35.3	1914	51	43	190	0.843	0.226	0.268	14.8	20.00
30992	40.8313	116.6711	-311.1	378	TBI	0	0	0	0	69	35.0	2005	36	108	150	3.000	0.720	0.240	14.8	20.00
30993	40.8313	116.6704	-316.6	373	TBI	0	0	0	0	78	34.9	2089	55	69	176	1.255	0.392	0.313	15.0	20.00
30994	40.8313	116.6698	-311.4	378	TBI	0	0	0	0	71	35.0	1960	55	82	141	1.491	0.582	0.390	15.1	20.00
30995	40.8313	116.6691	-312.0	387	TBI	0	0	0	0	75	35.2	2016	61	40	168	0.656	0.238	0.363	15.0	20.00
30996	40.8313	116.6685	-337.8	395	TBI	0	0	1	0	62	35.4	1968	64	23	142	0.359	0.162	0.451	15.0	20.00
30997	40.8313	116.6679	-356.6	403	TBI	0	0	0	0	65	35.5	1826	51	80	147	1.569	0.544	0.347	15.0	20.00
30998	40.8313	116.6672	-358.0	412	TBI	0	0	0	0	75	35.7	1786	49	33	142	0.673	0.232	0.345	15.0	20.00
30999	40.8313	116.6666	-353.9	411	TBI	0	0	0	0	70	35.7	1650	37	120	75	3.243	1.600	0.493	15.0	20.00
31000	40.8313	116.6659	-344.7	412	TBI	0	0	0	0	69	35.7	1729	38	[illegible]7	144	1.763	0.465	0.264	14.9	20.00
31001	40.8314	116.6653	-328.9	381	TBI	0	0	0	0	67	35.1	1690	31	[illegible]	122	1.968	0.500	0.254	14.8	20.00
31002	40.8314	116.6646	-314.4	366	TBI	0	0	0	0	72	27.0	1732	43	107	106	2.488	1.009	0.406	14.8	20.00
31003	40.8314	116.6640	-302.9	354	TBI	0	0	0	0	77	26.8	1858	43	96	114	2.233	0.842	0.377	14.8	20.00
31004	40.8314	116.6633	-295.9	348	TBI	0	0	0	0	66	26.7	2032	40	102	180	2.550	0.567	0.222	14.9	20.00
31005	40.8314	116.6627	-295.0	347	TBI	0	0	0	0	65	26.7	2009	40	100	166	2.500	0.602	0.241	15.0	20.00
31006	40.8314	116.6621	-296.9	345	TBI	0	0	0	0	81	26.6	1965	51	100	163	1.961	0.613	0.313	15.1	20.00
31007	40.8314	116.6614	-292.3	346	TBI	0	0	0	0	67	26.6	1951	51	109	148	2.137	0.736	0.345	15.1	20.00
31008	40.8314	116.6608	-287.1	357	TBI	0	0	0	0	72	26.8	1947	58	93	168	1.603	0.554	0.345	15.1	20.00
31009	40.8314	116.6601	-294.0	363	TBI	0	0	0	0	64	26.9	1925	45	125	149	2.778	0.839	0.302	15.2	20.00
31010	40.8314	116.6595	-302.9	362	TBI	0	0	0	0	79	26.9	1899	52	83	151	1.596	0.550	0.344	15.2	20.00
31011	40.8314	116.6588	-309.7	364	TBI	0	0	0	0	68	26.9	1921	49	99	154	2.020	0.643	0.318	15.2	20.00
31012	40.8315	116.6582	-311.4	365	TBI	0	0	0	0	78	27.0	1855	53	92	118	1.736	0.780	0.449	15.2	20.00
31013	40.8315	116.6576	-308.5	369	TBI	0	0	0	0	72	27.0	1849	34	84	149	2.471	0.564	0.228	15.2	20.00
31014	40.8315	116.6569	-296.1	378	TBI	0	0	1	0	69	27.2	1752	56	11	143	0.196	0.077	0.392	15.2	20.00
31015	40.8315	116.6563	-270.1	391	TBI	0	0	0	0	77	27.4	1587	34	65	84	1.912	0.774	0.405	15.1	20.00
31016	40.8315	116.6556	-240.8	439	TBI	0	0	1	0	78	28.1	1532	38	6	121	0.158	0.050	0.314	15.1	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
31017	40.8315	116.6550	-223.3	496	TBI	0	0	0	0	70	29.0	1606	35	61	118	1.743	0.517	0.297	15.0	20.00
31018	40.8315	116.6543	-216.4	497	TBI	0	0	0	0	73	29.0	1513	17	44	141	2.588	0.312	0.121	15.0	20.00
31019	40.8315	116.6537	-212.8	468	TBI	0	0	0	0	70	28.6	1538	33	49	116	1.485	0.422	0.284	15.0	20.00
31020	40.8315	116.6530	-208.0	424	TBI	0	0	0	0	70	27.9	1445	30	52	113	1.733	0.460	0.265	15.0	20.00
31021	40.8315	116.6524	-201.9	428	TBI	0	0	0	0	71	33.8	1501	25	65	116	2.600	0.560	0.216	15.1	20.00
31022	40.8316	116.6518	-193.9	445	TBI	0	0	0	0	74	34.1	1460	24	39	122	1.625	0.320	0.197	15.0	20.00
31023	40.8316	116.6511	-185.6	473	TBI	0	0	0	0	75	34.6	1407	28	46	80	1.643	0.575	0.350	15.1	20.00
31024	40.8316	116.6505	-182.2	499	TBI	0	0	0	0	72	35.1	1569	28	46	100	1.643	0.460	0.280	15.1	20.00
31025	40.8316	116.6498	-183.9	555	TBI	0	0	1	0	72	36.0	1701	37	6	138	0.162	0.043	0.268	15.1	20.00
31026	40.8316	116.6492	-189.5	619	TBI	0	0	0	0	74	37.1	1865	18	85	159	4.722	0.535	0.113	15.0	20.00
31027	40.8316	116.6485	-193.6	713	TBI	1	0	0	0	68	38.4	2021	42	94	84	2.238	1.119	0.500	14.9	20.00
31028	40.8316	116.6479	-195.4	843	TBI	1	0	1	0	65	40.1	2225	63	15	223	0.238	0.067	0.283	14.9	20.00
31029	40.8316	116.6473	-196.4	903	TBI	1	0	0	0	75	40.8	2478	51	117	197	2.294	0.594	0.259	14.7	20.00
31030	40.8316	116.6466	-195.7	940	TBI	1	0	1	0	70	41.2	2541	72	15	298	0.208	0.050	0.242	14.6	20.00
31031	40.8316	116.6460	-191.5	1008	TBI	2	0	0	0	74	41.9	2696	66	100	213	1.515	0.469	0.310	14.5	20.00
31032	40.8316	116.6453	-185.9	1123	TBI	2	0	0	0	79	42.8	2945	59	92	288	1.559	0.319	0.205	14.5	20.00
31033	40.8317	116.6447	-180.8	1134	TBI	2	0	0	0	73	42.8	2913	86	95	192	1.105	0.495	0.448	14.4	20.00
31034	40.8317	116.6440	-175.7	1156	TBI	2	0	0	0	74	42.8	3150	82	110	355	1.341	0.310	0.231	14.5	20.00
31035	40.8317	116.6434	-171.9	1146	TBI	2	0	0	0	70	42.8	3090	72	111	296	1.542	0.375	0.243	14.5	20.00
31036	40.8317	116.6427	-168.4	1140	TBI	2	0	0	0	82	42.8	3191	87	53	350	0.609	0.151	0.249	14.5	20.00
31037	40.8317	116.6421	-165.5	1117	TBI	2	0	1	0	73	42.8	2943	75	24	384	0.320	0.063	0.195	14.6	20.00
31038	40.8317	116.6415	-163.8	1071	TBA	2	0	0	0	79	42.5	2891	82	139	191	1.695	0.728	0.429	14.6	20.00
31039	40.8317	116.6408	-157.1	1049	TBA	2	0	0	0	63	42.3	3020	61	136	344	2.230	0.395	0.177	14.5	20.00
31040	40.8317	116.6402	-152.7	1056	TBA	2	0	0	0	77	35.9	2929	97	84	305	0.866	0.275	0.318	14.5	20.00
31041	40.8317	116.6395	-147.0	1091	TBA	2	0	0	0	73	36.2	3169	55	179	355	3.255	0.504	0.155	14.5	20.00
31042	40.8317	116.6389	-142.4	1092	TBA	2	0	0	0	73	36.2	3114	65	177	371	2.723	0.477	0.175	14.5	20.00
31043	40.8317	116.6382	-138.3	1088	TBA	2	0	0	0	83	36.1	2946	78	132	231	1.692	0.571	0.338	14.4	20.00
31044	40.8318	116.6376	-134.3	1053	TBA	2	0	0	0	69	35.9	2908	74	111	289	1.500	0.384	0.256	14.1	20.00
31045	40.8318	116.6369	-131.7	1018	TBA	2	0	0	0	78	35.6	2718	69	71	279	1.029	0.254	0.247	14.1	20.00
31046	40.8318	116.6363	-129.4	1010	TBA	2	0	0	0	75	35.5	2830	61	157	220	2.574	0.714	0.277	14.0	20.00
31047	40.8318	116.6357	-132.9	994	TBA	1	0	0	0	73	35.4	2777	75	107	246	1.427	0.435	0.305	13.9	20.00
31048	40.8318	116.6350	-137.6	987	TBA	1	0	0	0	73	35.3	2656	51	112	264	2.196	0.424	0.193	13.7	20.00
31049	40.8318	116.6344	-144.8	959	TBA	1	0	0	0	83	35.1	2672	84	111	218	1.321	0.509	0.385	13.6	20.00
31050	40.8318	116.6337	-155.0	916	TBA	1	0	0	0	73	34.7	2593	83	57	280	0.687	0.204	0.296	13.4	20.00
31051	40.8318	116.6331	-165.7	918	TBA	1	0	0	0	73	34.7	2631	51	142	232	2.784	0.612	0.220	13.3	20.00
31052	40.8318	116.6324	-179.3	973	TBA	1	0	0	0	69	35.2	2586	47	85	278	1.809	0.306	0.169	13.3	20.00
31053	40.8318	116.6318	-193.4	1007	TBA	2	0	0	0	64	35.5	2826	88	110	198	1.250	0.556	0.444	13.1	20.00
31054	40.8318	116.6312	-207.3	1037	TBA	2	0	0	0	75	35.7	2863	66	136	224	2.061	0.607	0.295	13.0	20.00
31055	40.8319	116.6305	-219.1	1022	TBA	2	0	0	0	73	35.6	2985	62	63	405	1.016	0.156	0.153	12.7	20.00
31056	40.8319	116.6299	-227.0	989	TBA	1	0	0	0	72	35.3	2876	55	103	322	1.873	0.320	0.171	12.6	20.00
31057	40.8319	116.6292	-231.9	933	TBA	1	0	0	0	76	34.8	2715	58	86	290	1.483	0.297	0.200	12.6	20.00
31058	40.8319	116.6286	-235.4	824	TBA	1	0	0	0	77	33.8	2534	42	176	176	4.190	1.000	0.239	12.5	20.00
31059	40.8319	116.6279	-238.0	747	TBA	1	0	0	0	70	35.5	2465	39	88	200	2.256	0.440	0.195	12.5	20.00
31060	40.8319	116.6273	-236.5	730	TBA	1	0	0	0	71	35.3	2511	50	97	216	1.940	0.449	0.231	12.5	20.00
31061	40.8319	116.6266	-233.6	771	TBA	1	0	0	0	77	35.8	2561	29	175	191	6.034	0.916	0.152	12.4	20.00
31062	40.8319	116.6260	-227.6	755	TBA	1	0	0	0	68	35.6	2672	48	115	225	2.396	0.511	0.213	12.4	20.00
31063	40.8319	116.6254	-221.6	710	TBA	1	0	0	0	75	35.0	2487	59	104	258	1.763	0.403	0.229	12.3	20.00
31064	40.8319	116.6247	-221.5	678	TBA	0	0	0	0	78	34.6	2513	59	157	149	2.661	1.054	0.396	12.3	20.00
31065	40.8319	116.6241	-222.8	635	TBA	0	0	0	0	75	34.0	2419	57	93	202	1.632	0.460	0.282	12.2	20.00
31066	40.8320	116.6234	-227.0	567	TBA	0	0	0	0	70	33.0	2309	49	116	172	2.367	0.674	0.285	12.1	20.00
31067	40.8320	116.6228	-231.9	531	TBA	0	0	0	0	77	32.5	2234	50	101	167	2.020	0.605	0.299	12.0	20.00
31068	40.8320	116.6221	-236.9	525	TBA	0	0	0	0	73	32.4	2338	52	88	207	1.692	0.425	0.251	11.9	20.00
31069	40.8320	116.6215	-240.1	514	TBA	0	0	0	0	80	32.2	2267	62	34	226	0.548	0.150	0.274	11.8	20.00
31070	40.8320	116.6209	-237.9	521	TBA	0	0	0	0	78	32.3	2278	41	102	187	2.488	0.545	0.219	11.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
31071	40.8320	116.6202	-236.1	546	TBA	0	0	0	0	67	32.7	2364	57	88	221	1.544	0.398	0.258	11.7	20.00
31072	40.8320	116.6196	-232.6	563	TBA	0	0	0	0	75	33.0	2281	30	118	204	3.933	0.578	0.147	11.6	20.00
31073	40.8320	116.6189	-225.2	575	TBA	0	0	0	0	76	33.2	2399	71	100	158	1.408	0.633	0.449	11.5	20.00
31074	40.8320	116.6183	-214.1	513	TBA	0	0	0	0	77	32.2	2297	63	43	201	0.683	0.214	0.313	11.3	20.00
31075	40.8320	116.6176	-199.6	498	TBA	0	0	0	0	71	32.0	2398	51	66	251	1.294	0.263	0.203	11.1	20.00
31076	40.8321	116.6170	-183.8	497	TBA	0	0	0	0	72	32.0	2514	48	165	218	3.438	0.757	0.220	11.0	20.00
31077	40.8321	116.6163	-166.7	490	TBA	0	0	0	0	67	31.9	2472	82	112	199	1.366	0.563	0.412	11.0	20.00
31078	40.8321	116.6157	-146.5	471	TBA	0	0	0	0	76	35.8	2491	62	112	253	1.806	0.443	0.245	11.0	20.00
31079	40.8321	116.6151	-126.7	435	TBA	0	0	0	0	75	35.1	2511	51	116	260	2.275	0.446	0.196	10.9	20.00
31080	40.8321	116.6144	-115.4	396	TBA	0	0	0	0	69	34.3	2565	57	121	238	2.123	0.508	0.239	10.8	20.00
31081	40.8321	116.6138	-111.7	379	TBA	0	0	0	0	65	34.0	2455	56	132	229	2.357	0.576	0.245	10.7	20.00
31082	40.8321	116.6131	-110.9	409	TBA	0	0	0	0	74	34.6	2398	58	128	216	2.207	0.593	0.269	10.6	20.00
31083	40.8321	116.6125	-111.0	470	TBA	0	0	0	0	78	35.8	2472	73	99	207	1.356	0.478	0.353	10.5	20.00
31084	40.8321	116.6118	-110.9	502	TBA	0	0	0	0	73	36.4	2563	59	149	206	2.525	0.723	0.286	10.3	20.00
31085	40.8321	116.6112	-114.6	525	TBA	0	0	0	0	75	36.8	2470	61	76	250	1.246	0.304	0.244	10.1	20.00
31086	40.8321	116.6105	-121.6	514	TBA	0	0	0	0	67	36.6	2340	72	114	146	1.583	0.781	0.493	10.0	20.00
31087	40.8322	116.6099	-132.1	496	TBA	0	0	0	0	71	36.3	2266	56	84	204	1.500	0.412	0.275	9.9	20.00
31088	40.8322	116.6093	-144.8	494	TBA	0	0	0	0	82	36.2	2204	41	106	206	2.585	0.515	0.199	9.8	20.00
31089	40.8322	116.6086	-159.2	494	TBA	0	0	0	0	70	36.2	2224	53	159	123	3.000	1.293	0.431	9.7	20.00
31090	40.8322	116.6080	-172.8	497	TBA	0	0	0	0	80	36.3	2301	57	128	173	2.246	0.740	0.329	9.5	20.00
31091	40.8322	116.6073	-182.3	515	TBA	0	0	0	0	81	36.6	2290	61	53	203	0.869	0.261	0.300	9.4	20.00
31092	40.8322	116.6067	-181.6	498	TBA	0	0	0	0	71	36.3	2204	53	67	190	1.264	0.353	0.279	9.2	20.00
31093	40.8322	116.6060	-159.0	496	TBA	0	0	0	0	75	36.3	2109	63	61	164	0.968	0.372	0.384	9.0	20.00
31094	40.8322	116.6054	-121.7	490	TBA	0	0	0	0	81	36.1	2061	66	90	144	1.364	0.625	0.458	9.0	20.00
31095	40.8322	116.6048	-82.5	468	TBA	0	0	0	0	73	35.7	2163	66	49	197	0.742	0.249	0.335	9.0	20.00
31096	40.8322	116.6041	-60.1	442	TBA	0	0	0	0	76	35.3	2322	60	109	199	1.817	0.548	0.302	9.1	20.00
31097	40.8322	116.6035	-57.2	415	TBA	0	0	0	0	70	39.3	2257	56	102	202	1.821	0.505	0.277	9.1	20.00
31098	40.8323	116.6028	-68.0	396	TBA	0	0	0	0	77	38.8	2341	55	71	253	1.291	0.281	0.217	9.1	20.00
31099	40.8323	116.6022	-90.3	405	TBA	0	0	0	0	71	39.0	2304	68	80	217	1.176	0.369	0.313	9.1	20.00
31100	40.8323	116.6015	-112.5	437	TBA	0	0	0	0	77	39.8	2466	49	169	204	3.449	0.828	0.240	9.1	20.00
31101	40.8323	116.6009	-131.8	472	TBA	0	0	0	0	77	40.5	2525	70	127	193	1.814	0.658	0.363	9.2	20.00
31102	40.8323	116.6002	-146.3	493	TBA	0	0	0	0	74	41.0	2648	67	122	216	1.821	0.565	0.310	9.2	20.00
31103	40.8323	116.5996	-152.4	498	TBA	0	0	0	0	72	41.1	2572	47	181	222	3.851	0.815	0.212	9.2	20.00
31104	40.8323	116.5990	-150.3	496	TBA	0	0	0	0	78	41.0	2457	61	100	220	1.639	0.455	0.277	9.3	20.00
31105	40.8323	116.5983	-143.9	502	TBA	0	0	0	0	76	41.1	2544	58	110	237	1.897	0.464	0.245	9.3	20.00
31106	40.8323	116.5977	-139.9	523	TBA	0	0	0	0	75	41.6	2617	53	188	192	3.547	0.979	0.276	9.4	20.00
31107	40.8323	116.5970	-145.1	490	TBA	0	0	0	0	75	40.9	2554	63	110	224	1.746	0.491	0.281	9.4	20.00
31108	40.8323	116.5964	-159.0	456	TBA	0	0	0	0	76	40.2	2403	52	102	229	1.962	0.445	0.227	9.4	20.00
31109	40.8324	116.5957	-166.7	480	TBA	0	0	0	0	81	40.7	2469	57	117	201	2.053	0.582	0.284	9.4	20.00
31110	40.8324	116.5951	-167.2	498	TBA	0	0	0	0	71	41.1	2576	63	141	194	2.238	0.727	0.325	9.4	20.00
31111	40.8324	116.5944	-158.2	535	TBA	0	0	0	0	73	41.8	2579	64	150	174	2.344	0.862	0.368	9.4	20.00
31112	40.8324	116.5938	-147.2	533	TVU	0	0	0	0	77	41.8	2605	58	116	239	2.000	0.485	0.243	9.4	20.00
31113	40.8324	116.5932	-139.1	499	TVU	0	0	0	0	73	41.1	2487	71	118	194	1.662	0.608	0.366	9.4	20.00
31114	40.8324	116.5925	-139.5	493	TVU	0	0	0	0	73	41.0	2594	82	119	200	1.451	0.595	0.410	9.5	20.00
31115	40.8324	116.5919	-154.7	462	TVU	0	0	0	0	68	40.3	2597	80	109	281	1.362	0.388	0.285	9.5	20.00
31116	40.8324	116.5912	-178.6	428	TVU	0	0	0	0	67	36.9	2618	72	99	273	1.375	0.363	0.264	9.5	20.00
31117	40.8324	116.5906	-202.8	385	TVU	0	0	0	0	72	35.9	2394	76	88	208	1.158	0.423	0.365	9.5	20.00
31118	40.8324	116.5899	-223.5	379	TVU	0	0	0	0	77	35.8	2439	61	187	200	3.066	0.935	0.305	9.5	20.00
31119	40.8324	116.5893	-238.9	389	TVU	0	0	0	0	85	36.0	2421	48	152	182	3.167	0.835	0.264	9.5	20.00
31120	40.8325	116.5887	-247.4	405	TVU	0	0	0	0	75	36.4	2510	77	62	228	0.805	0.272	0.338	9.5	20.00
31121	40.8325	116.5880	-249.3	427	TVU	0	0	0	0	75	36.8	2517	66	83	235	1.258	0.353	0.281	9.5	20.00
31122	40.8325	116.5874	-246.9	467	TVU	0	0	0	0	73	37.6	2577	95	76	216	0.800	0.352	0.440	9.6	20.00
31123	40.8325	116.5867	-238.3	499	TVU	0	0	0	0	75	38.3	2646	74	89	227	1.203	0.392	0.326	9.6	20.00
31124	40.8325	116.5861	-225.8	540	TVU	0	0	0	0	75	39.0	2715	63	35	302	0.556	0.116	0.209	9.6	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	IL	BI	K	BI:IL	BI:K	IL:K	TEMP	BP
31125	40.8325	116.5854	-211.5	565	TVU	0	0	0	0	66	39.5	2599	68	63	240	0.926	0.262	0.283	9.7	20.00
31126	40.8325	116.5848	-201.2	589	TVU	0	0	0	0	78	39.9	2642	74	81	233	1.095	0.348	0.318	9.7	20.00
31127	40.8325	116.5841	-190.4	612	TVU	0	0	0	0	83	40.3	2597	56	172	209	3.071	0.823	0.268	9.7	20.00
31128	40.8325	116.5835	-179.3	638	TVU	0	0	0	0	77	40.7	2584	88	55	223	0.625	0.247	0.395	9.7	20.00
31129	40.8325	116.5829	-170.6	656	TVU	0	0	0	0	73	41.0	2672	78	104	218	1.333	0.477	0.358	9.6	20.00
31130	40.8326	116.5822	-164.1	635	TVU	0	0	0	0	76	40.7	2541	73	90	217	1.233	0.415	0.336	9.5	20.00
31131	40.8326	116.5816	-161.7	615	TVU	0	0	0	0	72	40.4	2540	78	129	174	1.654	0.741	0.448	9.5	20.00
31132	40.8326	116.5809	-162.7	608	TVU	0	0	0	0	75	40.2	2417	48	103	182	2.146	0.566	0.264	9.5	20.00
31133	40.8326	116.5803	-163.9	570	TVU	0	0	0	0	76	39.6	2506	57	100	210	1.754	0.476	0.271	9.5	20.00
31134	40.8326	116.5796	-166.4	550	TVU	0	0	0	0	77	39.2	2531	66	104	216	1.576	0.481	0.306	9.4	20.00
31135	40.8326	116.5790	-170.7	536	TVU	0	0	0	0	79	31.1	2475	58	129	187	2.224	0.690	0.310	9.5	20.00
31136	40.8326	116.5783	-181.2	497	TVU	0	0	0	0	71	30.5	2553	77	99	231	1.286	0.429	0.333	9.5	20.00
31137	40.8326	116.5777	-197.5	499	TVU	0	0	0	0	79	30.5	2536	90	100	212	1.111	0.472	0.425	9.5	20.00
31138	40.8326	116.5771	-214.5	547	TVU	0	0	0	0	66	31.2	2669	77	92	248	1.195	0.371	0.310	9.4	20.00
31139	40.8326	116.5764	-229.5	570	TVU	0	0	0	0	73	31.6	2637	80	109	218	1.362	0.500	0.367	9.4	20.00
31140	40.8326	116.5758	-238.3	613	TVU	0	0	0	0	64	32.2	2487	60	103	236	1.717	0.436	0.254	9.5	20.00
31141	40.8327	116.5751	-237.5	635	QOA3	0	0	0	0	69	32.5	2494	54	143	200	2.648	0.715	0.270	9.6	20.00
31142	40.8327	116.5745	-227.1	664	QOA3	0	0	0	0	79	32.8	2484	41	95	241	2.317	0.394	0.170	9.7	20.00
31143	40.8327	116.5738	-210.1	722	QOA3	1	0	0	0	67	33.5	2496	53	137	202	2.585	0.678	0.262	9.7	20.00
31144	40.8327	116.5732	-193.7	751	QOA3	1	0	0	0	61	33.9	2622	72	114	222	1.583	0.514	0.324	9.6	20.00
31145	40.8327	116.5726	-178.6	778	QOA3	1	0	0	0	73	34.2	2660	56	107	231	1.911	0.463	0.242	9.7	20.00
31146	40.8327	116.5719	-169.5	812	QOA3	1	0	0	0	66	34.6	2542	52	124	207	2.385	0.599	0.251	9.7	20.00
31147	40.8327	116.5713	-163.2	837	QOA3	1	0	0	0	79	34.8	2402	39	96	274	2.462	0.350	0.142	9.6	20.00
31148	40.8327	116.5706	-162.2	844	QOA3	1	0	0	0	70	34.9	2359	65	41	241	0.631	0.170	0.270	9.5	20.00
31149	40.8327	116.5700	-164.5	863	QOA3	1	0	0	0	71	35.1	2429	56	131	222	2.339	0.590	0.252	9.5	20.00
31150	40.8327	116.5693	-169.4	860	QOA3	1	0	0	0	73	35.1	2346	41	130	183	3.171	0.710	0.224	9.5	20.00
31151	40.8327	116.5687	-175.8	860	QOA3	1	0	0	0	68	35.1	2349	66	133	121	2.015	1.099	0.545	9.4	20.00
31152	40.8328	116.5680	-180.2	862	QOA3	1	0	0	0	75	35.1	2382	73	70	173	0.959	0.405	0.422	9.3	20.00
31153	40.8328	116.5674	-185.2	846	QOA3	1	0	0	0	66	34.9	2307	70	56	198	0.800	0.283	0.354	9.2	20.00
31154	40.8328	116.5668	-189.8	823	QOA3	1	0	0	0	73	36.0	2324	28	142	195	5.071	0.728	0.144	9.3	20.00
31155	40.8328	116.5661	-193.3	814	QOA3	1	0	0	0	65	35.9	2255	49	62	223	1.265	0.278	0.220	9.2	20.00
31156	40.8328	116.5655	-195.5	802	QOA3	1	0	0	0	64	35.8	2194	60	44	187	0.733	0.235	0.321	9.2	20.00
31157	40.8328	116.5648	-195.7	770	QOA3	1	0	0	0	59	35.4	2359	64	61	193	0.953	0.316	0.332	9.1	20.00
31158	40.8328	116.5642	-194.7	748	QOA3	1	0	0	0	62	35.2	2279	37	136	181	3.676	0.751	0.204	9.0	20.00
31159	40.8328	116.5635	-193.4	720	QOA3	1	0	0	0	68	34.8	2128	47	55	128	1.170	0.430	0.367	9.0	20.00
31160	40.8328	116.5629	-192.7	693	QOA3	0	0	0	0	69	34.5	2200	52	127	132	2.442	0.962	0.394	9.0	20.00
31161	40.8328	116.5623	-190.3	667	QOA3	0	0	0	0	65	34.1	2256	52	41	236	0.788	0.174	0.220	9.0	20.00
31162	40.8328	116.5616	-189.6	630	QOA3	0	0	0	0	77	33.6	2153	40	105	161	2.625	0.652	0.248	8.9	20.00
31163	40.8329	116.5610	-187.4	605	QOA3	0	0	0	0	69	33.3	2237	49	84	181	1.714	0.464	0.271	8.9	20.00
31164	40.8329	116.5603	-185.3	578	QOA3	0	0	0	0	65	32.9	2165	45	103	131	2.289	0.786	0.344	8.9	20.00
31165	40.8329	116.5597	-184.1	557	QOA3	0	0	0	0	61	32.6	2278	63	85	213	1.349	0.399	0.296	8.9	20.00
31166	40.8329	116.5590	-181.5	531	QOA3	0	0	0	0	66	32.2	2180	49	123	130	2.510	0.946	0.377	8.9	20.00
31167	40.8329	116.5584	-182.1	501	QOA3	0	0	0	0	67	31.7	2172	63	97	153	1.540	0.634	0.412	8.9	20.00
31168	40.8329	116.5577	-181.0	497	QOA3	0	0	0	0	70	31.7	2204	38	143	168	3.763	0.851	0.226	9.0	20.00
31169	40.8329	116.5571	-180.0	493	QOA3	0	0	0	0	67	31.6	2285	58	87	184	1.500	0.473	0.315	9.1	20.00
31170	40.8329	116.5565	-178.5	476	QOA3	0	0	0	0	62	31.3	2353	53	84	220	1.585	0.382	0.241	9.1	20.00
31171	40.8329	116.5558	-177.8	450	QOA3	0	0	0	0	73	30.9	2301	70	50	209	0.714	0.239	0.335	9.2	20.00
31172	40.8329	116.5552	-178.7	426	QOA3	0	0	0	0	64	30.5	2387	62	112	197	1.806	0.569	0.315	9.3	20.00
31173	40.8329	116.5545	-176.8	402	QOA3	0	0	0	0	72	34.2	2251	60	78	201	1.300	0.388	0.299	9.2	20.00
31174	40.8329	116.5539	-177.1	384	QOA3	0	0	0	0	63	33.8	2333	62	87	226	1.403	0.385	0.274	9.3	20.00
31175	40.8329	116.5533	-176.1	373	QOA3	0	0	0	0	59	33.6	2280	91	57	182	0.626	0.313	0.500	9.3	20.00
31176	40.8329	116.5527	-173.9	371	QOA3	0	0	0	0	64	33.5	2279	59	126	175	2.136	0.720	0.337	9.3	20.00
31177	40.8329	116.5520	-175.6	372	QOA3	0	0	1	0	75	33.5	2289	66	26	244	0.394	0.107	0.270	9.3	20.00
31178	40.8329	116.5514	-173.7	376	QOA3	0	0	0	0	67	33.6	2382	58	102	201	1.759	0.507	0.289	9.3	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
31179	40.8329	116.5508	-172.8	380	QOA3	0	0	0	0	79	33.7	2370	54	139	193	2.574	0.720	0.280	9.3	20.00
31180	40.8330	116.5502	-171.8	387	QOA3	0	0	0	0	63	33.8	2328	75	139	154	1.853	0.903	0.487	9.5	20.00
31181	40.8330	116.5495	-172.4	397	QA2	0	0	0	0	64	34.0	2417	75	103	197	1.373	0.523	0.381	9.6	20.00
31182	40.8330	116.5489	-171.7	406	QA2	0	0	0	0	60	34.2	2407	62	103	211	1.661	0.488	0.294	9.7	20.00
31183	40.8330	116.5483	-171.8	412	QA2	0	0	0	0	67	34.3	2376	62	88	219	1.419	0.402	0.283	9.7	20.00
31184	40.8330	116.5477	-170.9	420	QA2	0	0	0	0	68	34.5	2385	72	161	157	2.236	1.025	0.459	9.8	20.00
31185	40.8330	116.5470	-171.2	422	QA2	0	0	0	0	63	34.5	2379	49	182	195	3.714	0.933	0.251	10.0	20.00
31186	40.8330	116.5464	-171.4	424	QA2	0	0	0	0	70	34.6	2392	65	81	212	1.246	0.382	0.307	10.0	20.00
31187	40.8330	116.5458	-172.2	426	QA2	0	0	0	0	65	34.6	2262	56	100	209	1.786	0.478	0.268	10.1	20.00
31188	40.8330	116.5452	-172.6	423	QA2	0	0	0	0	58	34.6	2370	68	68	215	1.000	0.316	0.316	10.2	20.00
31189	40.8330	116.5446	-173.3	419	QA2	0	0	0	0	68	34.5	2301	43	142	210	3.302	0.676	0.205	10.4	20.00
31190	40.8330	116.5439	-173.0	417	QA2	0	0	0	0	58	34.4	2203	46	57	230	1.239	0.248	0.200	10.5	20.00
31191	40.8330	116.5433	-171.6	414	QA2	0	0	0	0	73	34.4	2243	65	147	141	2.262	1.043	0.461	10.6	20.00
31192	40.8330	116.5427	-168.6	408	QA2	0	0	0	0	68	37.6	2158	30	157	184	5.233	0.853	0.163	10.6	20.00
31193	40.8330	116.5421	-166.7	405	QA2	0	0	0	0	70	37.5	2299	59	103	197	1.746	0.523	0.299	10.7	20.00
31194	40.8330	116.5414	-165.7	396	QA2	0	0	0	0	60	37.3	2247	59	72	225	1.220	0.320	0.262	10.7	20.00
31195	40.8330	116.5408	-164.8	392	QA2	0	0	0	0	63	37.2	2255	60	81	203	1.350	0.399	0.296	10.7	20.00
31196	40.8330	116.5402	-165.5	388	QA2	0	0	0	0	68	37.1	2370	57	144	163	2.526	0.883	0.350	10.7	20.00
31197	40.8330	116.5396	-165.4	384	QA2	0	0	0	0	57	37.0	2302	67	141	163	2.104	0.865	0.411	10.6	20.00
31198	40.8330	116.5389	-165.4	379	QA2	0	0	0	0	61	36.9	2216	50	72	208	1.440	0.346	0.240	10.7	20.00
31199	40.8330	116.5383	-167.0	375	QA2	0	0	0	0	66	36.8	2172	56	72	191	1.286	0.377	0.293	10.7	20.00
31200	40.8330	116.5377	-168.2	371	QA2	0	0	0	0	67	36.7	2161	55	115	177	2.091	0.650	0.311	10.7	20.00
31201	40.8330	116.5371	-170.6	370	QA2	0	0	0	0	74	36.7	2111	44	117	165	2.659	0.709	0.267	10.7	20.00
31202	40.8330	116.5364	-174.2	372	QA2	0	0	0	0	68	36.8	2030	60	69	159	1.150	0.434	0.377	10.7	20.00
31203	40.8330	116.5358	-181.3	376	QA2	0	0	0	0	63	36.9	2046	60	62	148	1.033	0.419	0.405	10.7	20.00
31204	40.8330	116.5352	-186.7	379	QA2	0	0	0	0	68	36.9	2003	58	62	167	1.069	0.371	0.347	10.8	20.00
31205	40.8330	116.5346	-195.0	383	QA2	0	0	0	0	60	37.0	1905	49	65	145	1.327	0.448	0.338	10.7	20.00
31206	40.8330	116.5339	-202.8	390	QA2	0	0	0	0	59	37.2	1885	46	59	162	1.283	0.364	0.284	10.7	20.00
31207	40.8330	116.5333	-210.5	392	QA2	0	0	0	0	65	37.2	1873	44	46	161	1.045	0.286	0.273	10.7	20.00
31208	40.8330	116.5327	-217.3	395	QA2	0	0	1	0	69	37.3	1775	38	0	178	0.026	0.006	0.213	10.7	20.00
31209	40.8330	116.5321	-224.0	393	QA2	0	0	0	0	68	37.2	1812	50	59	126	1.180	0.468	0.397	10.6	20.00
31210	40.8330	116.5314	-231.4	391	QA2	0	0	0	0	67	37.2	1801	30	87	168	2.900	0.518	0.179	10.6	20.00
31211	40.8330	116.5308	-238.8	392	QA2	0	0	0	0	72	40.1	1730	32	95	125	2.969	0.760	0.256	10.6	20.00
31212	40.8330	116.5302	-243.4	390	QA2	0	0	0	0	69	40.0	1754	54	58	118	1.074	0.492	0.458	10.6	20.00
31213	40.8330	116.5296	-249.3	390	QA2	0	0	0	0	63	40.0	1799	33	86	133	2.606	0.647	0.248	10.7	20.00
31214	40.8330	116.5289	-253.7	386	QA2	0	0	0	0	72	39.9	1885	48	70	147	1.458	0.476	0.327	10.7	20.00
31215	40.8330	116.5283	-258.6	382	QA2	0	0	0	0	59	39.8	1908	43	35	162	0.814	0.216	0.265	10.7	20.00
31216	40.8330	116.5277	-262.3	384	QA2	0	0	0	0	57	39.9	1964	24	140	168	5.833	0.833	0.143	10.7	20.00
31217	40.8330	116.5271	-265.4	385	QA2	0	0	0	0	71	39.9	1902	35	110	148	3.143	0.743	0.236	10.7	20.00
31218	40.8330	116.5264	-269.2	389	QA2	0	0	0	0	65	40.0	1974	39	90	162	2.368	0.556	0.235	10.7	20.00
31219	40.8330	116.5258	-271.6	388	QA2	0	0	0	0	64	40.0	2035	53	122	171	2.302	0.713	0.310	10.8	20.00
31220	40.8330	116.5252	-274.8	384	QA2	0	0	1	0	61	39.9	2074	61	26	206	0.426	0.126	0.296	10.9	20.00
31221	40.8330	116.5246	-275.4	385	QA2	0	0	0	0	63	39.9	2020	48	91	205	1.896	0.444	0.234	10.9	20.00
31222	40.8330	116.5239	-277.3	385	QA2	0	0	0	0	69	39.9	2016	40	83	174	2.075	0.477	0.230	10.9	20.00
31223	40.8330	116.5233	-278.0	382	QA2	0	0	0	0	58	39.9	1948	47	117	127	2.489	0.921	0.370	10.8	20.00
31224	40.8330	116.5227	-277.6	383	QA2	0	0	0	0	67	39.9	1942	49	37	185	0.755	0.200	0.265	10.8	20.00
31225	40.8330	116.5221	-275.7	386	QA2	0	0	0	0	79	39.9	1856	43	44	164	1.023	0.268	0.262	10.8	20.00
31226	40.8330	116.5215	-272.1	388	QA2	0	0	0	0	70	40.0	1851	43	52	163	1.209	0.319	0.264	10.7	20.00
31227	40.8330	116.5208	-268.0	385	QA2	0	0	0	0	64	39.9	1875	48	58	134	1.208	0.433	0.358	10.6	20.00
31228	40.8330	116.5202	-264.1	386	QA2	0	0	0	0	58	39.9	1896	25	90	153	3.600	0.588	0.163	10.5	20.00
31229	40.8330	116.5196	-259.2	392	QA2	0	0	0	0	72	40.1	1718	26	70	134	2.692	0.522	0.194	10.6	20.00
31230	40.8330	116.5190	-254.3	398	QA2	0	0	0	0	66	36.1	1811	25	72	169	2.880	0.426	0.148	10.6	20.00
31231	40.8330	116.5183	-249.9	401	QA2	0	0	0	0	74	36.2	1828	45	63	121	1.400	0.521	0.372	10.5	20.00
31232	40.8330	116.5177	-245.6	398	QA2	0	0	0	0	68	36.1	1833	39	81	132	2.077	0.614	0.295	10.5	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
31233	40.8330	116.5171	-243.9	399	QA2	0	0	0	0	64	36.1	1883	39	74	156	1.897	0.474	0.250	10.6	20.00
31234	40.8330	116.5165	-241.1	399	QA2	0	0	0	0	61	36.1	1826	31	117	130	3.774	0.900	0.238	10.6	20.00
31235	40.8330	116.5158	-239.2	395	QA2	0	0	0	0	75	36.0	1720	33	70	145	2.121	0.483	0.228	10.5	20.00
31236	40.8330	116.5152	-237.5	385	QA2	0	0	0	0	53	35.8	1705	39	105	124	2.692	0.847	0.315	10.4	20.00
31237	40.8330	116.5146	-236.4	382	QA2	0	0	0	0	66	35.8	1836	38	41	175	1.079	0.234	0.217	10.3	20.00
31238	40.8330	116.5140	-236.0	381	QA2	0	0	0	0	57	35.7	1746	38	80	135	2.105	0.593	0.281	10.3	20.00
31239	40.8330	116.5133	-236.1	385	QA2	0	0	0	0	63	35.8	1821	44	43	156	0.977	0.276	0.282	10.3	20.00
31240	40.8330	116.5127	-237.0	386	QA2	0	0	1	0	65	35.9	1959	53	25	190	0.472	0.132	0.279	10.2	20.00
31241	40.8330	116.5121	-238.9	386	QA2	0	0	0	0	72	35.8	1881	52	66	139	1.269	0.475	0.374	10.1	20.00
31242	40.8330	116.5115	-240.3	387	QA2	0	0	0	0	66	35.9	1860	29	97	145	3.345	0.669	0.200	10.1	20.00
31243	40.8330	116.5108	-240.9	386	QA2	0	0	0	0	58	35.8	1825	40	77	158	1.925	0.487	0.253	10.0	20.00
31244	40.8330	116.5102	-239.9	377	QA2	0	0	0	0	56	35.7	1802	46	98	111	2.130	0.883	0.414	9.9	20.00
31245	40.8330	116.5096	-238.3	372	QA2	0	0	1	0	65	35.5	1785	39	-3	180	-0.077	-0.017	0.217	9.9	20.00
31246	40.8330	116.5090	-236.4	377	QA2	0	0	0	0	69	35.7	1768	45	107	95	2.378	1.126	0.474	9.7	20.00
31247	40.8330	116.5083	-234.5	381	QA2	0	0	0	0	68	35.7	1772	36	72	127	2.000	0.567	0.283	9.7	20.00
31248	40.8330	116.5077	-232.3	389	QA2	0	0	0	0	66	35.9	1769	43	72	137	1.674	0.526	0.314	9.7	20.00
31249	40.8330	116.5071	-230.4	395	QA2	0	0	1	0	64	34.9	1769	45	9	181	0.200	0.050	0.249	9.6	20.00
31250	40.8330	116.5065	-228.8	398	QA2	0	0	0	0	60	35.0	1820	33	79	161	2.394	0.491	0.205	9.6	20.00
31251	40.8330	116.5058	-228.9	400	QA2	0	0	0	0	66	35.0	1843	50	34	162	0.680	0.210	0.309	9.6	20.00
31252	40.8330	116.5052	-228.3	399	QA2	0	0	0	0	70	35.0	1935	50	71	161	1.420	0.441	0.311	9.5	20.00
31253	40.8330	116.5046	-230.4	403	QA2	0	0	0	0	70	35.1	1957	44	71	154	1.614	0.461	0.286	9.6	20.00
31254	40.8330	116.5040	-231.2	404	QA2	0	0	0	0	65	35.1	2117	51	84	194	1.647	0.433	0.263	9.5	20.00
31255	40.8330	116.5033	-234.1	403	QA2	0	0	0	0	66	35.1	2112	39	68	234	1.744	0.291	0.167	9.5	20.00
31256	40.8330	116.5027	-237.0	406	QA2	0	0	0	0	65	35.1	2082	54	134	162	2.481	0.827	0.333	9.5	20.00
31257	40.8330	116.5021	-239.1	411	QA2	0	0	0	0	67	35.2	2225	48	116	179	2.417	0.648	0.268	9.5	20.00
31258	40.8330	116.5015	-238.9	418	QA2	0	0	0	0	69	35.4	2113	61	72	202	1.180	0.356	0.302	9.6	20.00
31259	40.8330	116.5008	-238.0	424	QA2	0	0	0	0	62	35.5	2117	44	79	185	1.795	0.427	0.238	9.8	20.00
31260	40.8331	116.5002	-235.3	431	QA2	0	0	0	0	63	[illegible]	2128	73	59	199	0.808	0.296	0.367	9.9	20.00
31261	40.8331	116.4996	-230.6	440	QA2	0	0	0	0	65	[illegible]	2119	58	80	161	1.379	0.497	0.360	9.9	20.00
31262	40.8331	116.4990	-224.7	448	QA2	0	0	0	0	59	36.0	2192	60	47	184	0.783	0.255	0.326	10.0	20.00
31263	40.8331	116.4984	-219.8	458	QA2	0	0	0	0	62	36.2	2211	63	81	181	1.286	0.448	0.348	10.0	20.00
31264	40.8331	116.4977	-213.1	465	QOA3	0	0	0	0	64	36.3	2106	53	60	182	1.132	0.330	0.291	10.1	20.00
31265	40.8331	116.4971	-208.6	473	QOA3	0	0	1	0	75	36.5	2160	64	23	217	0.359	0.106	0.295	10.2	20.00
31266	40.8331	116.4965	-203.0	478	QOA3	0	0	0	0	66	36.6	2107	51	72	191	1.412	0.377	0.267	10.2	20.00
31267	40.8331	116.4959	-199.8	483	QOA3	0	0	0	0	65	36.7	2225	71	107	149	1.507	0.718	0.477	10.2	20.00
31268	40.8331	116.4952	-196.4	493	QOA3	0	0	0	0	67	38.3	2225	47	71	214	1.511	0.332	0.220	10.2	20.00
31269	40.8331	116.4946	-196.8	494	QOA3	0	0	0	0	70	38.3	2215	60	42	213	0.700	0.197	0.282	10.1	20.00
31270	40.8331	116.4940	-196.4	492	QOA3	0	0	0	0	64	38.3	2204	58	87	163	1.500	0.534	0.356	10.2	20.00
31271	40.8331	116.4934	-197.6	493	QOA3	0	0	0	0	62	38.3	2251	77	70	164	0.909	0.427	0.470	10.1	20.00
31272	40.8331	116.4927	-199.1	499	QOA3	0	0	0	0	62	38.4	2238	59	92	169	1.559	0.544	0.349	10.0	20.00
31273	40.8331	116.4921	-200.8	498	QOA3	0	0	0	0	74	38.4	2240	56	124	139	2.214	0.892	0.403	10.2	20.00
31274	40.8331	116.4915	-204.0	493	QOA3	0	0	0	0	61	38.3	2117	39	81	170	2.077	0.476	0.229	10.3	20.00
31275	40.8331	116.4909	-205.4	491	QOA3	0	0	0	0	70	38.3	2190	54	104	149	1.926	0.698	0.362	10.2	20.00
31276	40.8331	116.4902	-209.8	489	QOA3	0	0	1	0	70	38.2	2242	72	5	220	0.069	0.023	0.327	10.3	20.00
*31277	40.8331	116.4896	-216.9	487	QOA3	0	0	0	0	63	38.2	2179	43	153	131	3.558	1.168	0.328	10.5	20.00
31278	40.8331	116.4890	-222.5	489	QOA3	0	0	0	0	68	38.2	2315	51	106	186	2.078	0.570	0.274	10.6	20.00
31279	40.8331	116.4884	-228.9	490	QOA3	0	0	0	0	62	38.2	2220	44	122	173	2.773	0.705	0.254	10.7	20.00
31280	40.8331	116.4877	-236.3	490	QOA3	0	0	0	0	64	38.2	2192	32	175	162	5.469	1.080	0.198	10.7	20.00
31281	40.8331	116.4871	-244.4	488	QOA3	0	0	0	0	69	38.2	2069	48	90	168	1.875	0.536	0.286	10.7	20.00
31282	40.8331	116.4865	-250.3	487	QOA3	0	0	0	0	67	38.2	2219	48	107	201	2.229	0.532	0.239	10.7	20.00
31283	40.8331	116.4859	-256.6	479	QOA3	0	0	0	0	55	38.0	2097	46	77	193	1.674	0.399	0.238	10.6	20.00
31284	40.8331	116.4852	-265.0	471	QOA3	0	0	0	0	56	37.9	2131	55	96	176	1.745	0.545	0.313	10.5	20.00
31285	40.8331	116.4846	-272.4	464	QOA3	0	0	0	0	70	37.7	2052	40	88	200	2.200	0.440	0.200	10.6	20.00
31286	40.8331	116.4840	-277.7	452	QOA3	0	0	0	0	70	37.5	1990	38	62	181	1.632	0.343	0.210	10.6	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
31287	40.8331	116.4834	-283.4	445	QOA3	0	0	1	0	67	45.9	2092	59	21	181	0.356	0.116	0.326	10.6	20.00
31288	40.8331	116.4827	-286.3	435	QOA3	0	0	0	0	63	45.7	2035	58	53	160	0.914	0.331	0.363	10.7	20.00
31289	40.8331	116.4821	-287.9	420	QOA3	0	0	0	0	61	45.3	2030	40	79	181	1.975	0.436	0.221	10.6	20.00
31290	40.8331	116.4815	-286.1	411	QOA3	0	0	0	0	63	45.1	1988	56	50	163	0.893	0.307	0.344	10.6	20.00
31291	40.8331	116.4809	-283.7	406	QOA3	0	0	0	0	61	44.9	2123	64	129	121	2.016	1.066	0.529	10.7	20.00
31292	40.8331	116.4802	-279.9	400	QOA3	0	0	0	0	68	44.8	2079	68	69	166	1.015	0.416	0.410	10.7	20.00
31293	40.8331	116.4796	-275.8	398	QOA3	0	0	0	0	66	44.7	2054	47	67	191	1.426	0.351	0.246	10.7	20.00
31294	40.8331	116.4790	-270.7	397	QOA3	0	0	0	0	66	44.7	2037	47	68	163	1.447	0.417	0.288	10.7	20.00
31295	40.8331	116.4784	-264.9	394	QOA3	0	0	0	0	63	44.6	2095	56	73	18'	1.304	0.403	0.309	10.9	20.00
31296	40.8331	116.4777	-260.8	393	QOA3	0	0	0	0	63	44.6	2044	51	69	174	1.353	0.397	0.293	11.0	20.00
31297	40.8331	116.4771	-256.9	394	QOA3	0	0	0	0	63	44.6	2067	50	124	162	2.480	0.765	0.309	11.1	20.00
31298	40.8331	116.4765	-253.8	393	QOA3	0	0	0	0	63	44.6	2161	61	49	206	0.803	0.238	0.296	11.2	20.00
31299	40.8331	116.4759	-250.9	393	QOA3	0	0	0	0	70	44.6	2106	59	68	188	1.153	0.362	0.314	11.3	20.00
31300	40.8331	116.4753	-250.0	395	QOA3	0	0	0	0	67	44.6	2187	48	118	184	2.458	0.641	0.261	11.4	20.00
31301	40.8331	116.4746	-246.1	400	QOA3	0	0	0	0	56	44.8	2151	53	103	171	1.943	0.602	0.310	11.4	20.00
31302	40.8331	116.4740	-242.0	400	QOA3	0	0	0	0	71	44.8	2164	43	82	214	1.907	0.383	0.201	11.5	20.00
31303	40.8331	116.4734	-236.9	406	QOA3	0	0	0	0	65	44.9	2149	51	88	184	1.725	0.478	0.277	11.6	20.00
31304	40.8331	116.4728	-230.0	406	QOA3	0	0	0	0	69	44.9	2100	54	73	173	1.352	0.422	0.312	11.5	20.00
31305	40.8331	116.4721	-222.3	409	QOA3	0	0	0	0	58	45.0	2179	46	42	236	0.913	0.178	0.195	11.5	20.00
31306	40.8331	116.4715	-216.2	412	QOA3	0	0	1	0	68	47.4	2167	69	-3	217	-0.043	-0.014	0.318	11.5	20.00
31307	40.8331	116.4709	-209.1	416	QOA3	0	0	0	0	61	47.5	2094	46	92	171	2.000	0.538	0.269	11.6	20.00
31308	40.8331	116.4703	-204.4	421	QOA3	0	0	0	0	61	47.7	2110	41	110	205	2.683	0.537	0.200	11.7	20.00
31309	40.8331	116.4696	-198.5	427	QOA3	0	0	0	0	73	47.8	2190	55	77	168	1.400	0.458	0.327	11.8	20.00
31310	40.8331	116.4690	-195.2	425	QOA3	0	0	1	0	60	47.7	2053	56	18	232	0.321	0.078	0.241	11.8	20.00
31311	40.8331	116.4684	-193.3	420	QOA3	0	0	0	0	72	47.6	2121	54	138	139	2.556	0.993	0.388	11.8	20.00
31312	40.8331	116.4678	-192.0	421	QOA3	0	0	0	0	66	47.6	2208	50	97	188	1.940	0.516	0.266	11.8	20.00
31313	40.8331	116.4671	-193.1	421	QOA3	0	0	0	0	68	47.6	2048	48	38	194	0.792	0.196	0.247	11.8	20.00
31314	40.8331	116.4665	-193.7	420	QOA3	0	0	0	0	60	47.6	2110	45	125	151	2.778	0.828	0.298	11.8	20.00
31315	40.8331	116.4659	-195.1	417	QOA3	0	0	0	0	67	47.5	2036	44	63	173	1.432	0.364	0.254	11.7	20.00
31316	40.8331	116.4653	-196.3	420	QOA3	0	0	0	0	62	47.6	2104	40	72	191	1.800	0.377	0.209	11.6	20.00
31317	40.8331	116.4646	-196.6	423	QOA3	0	0	0	0	59	47.7	2060	41	89	154	2.171	0.578	0.266	11.6	20.00
31318	40.8331	116.4640	-195.5	427	QOA3	0	0	0	0	65	47.8	2184	42	98	159	2.333	0.616	0.264	11.6	20.00
31319	40.8331	116.4634	-195.8	435	QOA3	0	0	0	0	68	48.0	2130	72	62	153	0.861	0.405	0.471	11.6	20.00
31320	40.8331	116.4628	-193.9	442	QOA3	0	0	0	0	66	48.2	2183	63	57	216	0.905	0.264	0.292	11.6	20.00
31321	40.8331	116.4621	-193.3	437	QOA3	0	0	0	0	61	48.1	2078	64	42	153	0.656	0.275	0.418	11.4	20.00
31322	40.8331	116.4615	-192.2	437	QOA3	0	0	0	0	64	48.1	2117	59	68	145	1.153	0.469	0.407	11.5	20.00
31323	40.8331	116.4609	-191.5	443	QA2	0	0	0	0	70	48.2	2184	43	73	192	1.698	0.380	0.224	11.5	20.00
31324	40.8331	116.4603	-191.4	441	QA2	0	0	1	0	52	48.2	2228	80	7	206	0.088	0.034	0.388	11.5	20.00
31325	40.8331	116.4596	-192.3	441	QA2	0	0	0	0	60	41.9	2185	36	136	202	3.778	0.673	0.178	11.5	20.00
31326	40.8331	116.4590	-193.4	443	QA2	0	0	0	0	68	42.0	2178	55	99	164	1.768	0.604	0.341	11.5	20.00
31327	40.8331	116.4584	-194.8	444	QA2	0	0	0	0	59	42.0	2031	50	71	154	1.420	0.461	0.325	11.6	20.00
31328	40.8331	116.4578	-199.0	440	QA2	0	0	0	0	59	41.9	2023	62	53	162	0.855	0.327	0.383	11.6	20.00
31329	40.8331	116.4571	-201.9	434	QA2	0	0	0	0	60	41.8	2023	51	69	163	1.353	0.423	0.313	11.6	20.00
31330	40.8331	116.4565	-203.3	431	QA2	0	0	0	0	62	41.7	2110	39	103	156	2.641	0.660	0.250	11.7	20.00
'31331	40.8331	116.4559	-206.0	431	QA2	0	0	1	0	68	41.7	2068	53	10	220	0.189	0.045	0.241	11.8	20.00
31332	40.8331	116.4553	-205.1	430	QA2	0	0	0	0	61	41.7	2055	56	67	149	1.196	0.450	0.376	12.0	20.00
31333	40.8331	116.4546	-203.5	431	QA2	0	0	0	0	68	41.7	2035	43	30	200	0.698	0.150	0.215	12.2	20.00
31334	40.8331	116.4540	-202.2	426	QA2	0	0	0	0	68	41.6	2044	65	34	171	0.523	0.199	0.380	12.3	20.00
31335	40.8331	116.4534	-200.8	422	QA2	0	0	0	0	59	41.5	2105	50	93	175	1.860	0.531	0.286	12.4	20.00
31336	40.8331	116.4528	-198.7	416	QA2	0	0	0	0	61	41.4	2134	37	116	172	3.135	0.674	0.215	12.5	20.00
31337	40.8331	116.4521	-196.9	411	QA2	0	0	0	0	62	41.2	2129	41	91	185	2.220	0.492	0.222	12.7	20.00
31338	40.8331	116.4515	-198.1	405	QA2	0	0	0	0	59	41.1	2193	44	99	201	2.250	0.493	0.219	12.9	20.00
31339	40.8331	116.4509	-200.5	400	QA2	0	0	0	0	66	41.0	2139	48	86	176	1.792	0.489	0.273	12.9	20.00
31340	40.8332	116.4503	-204.7	395	QA2	0	0	0	0	75	40.9	2211	73	40	187	0.548	0.214	0.390	13.0	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
31341	40.8332	116.4497	-208.5	392	QA2	0	0	0	0	59	40.8	2093	58	112	124	1.931	0.903	0.468	13.1	20.00
31342	40.8332	116.4490	-214.5	391	QA2	0	0	0	0	71	40.8	2062	37	94	172	2.541	0.547	0.215	13.3	20.00
31343	40.8332	116.4484	-218.1	394	QA2	0	0	0	0	67	40.8	2050	39	128	139	3.282	0.921	0.281	13.3	20.00
31344	40.8332	116.4478	-221.7	403	QA2	0	0	0	0	74	34.7	2109	49	118	145	2.408	0.814	0.338	13.3	20.00
31345	40.8332	116.4472	-224.2	410	QA2	0	0	0	0	56	34.8	2020	54	32	182	0.593	0.176	0.297	13.4	20.00
31346	40.8332	116.4465	-225.1	413	QA2	0	0	0	0	70	34.9	2169	46	159	182	3.457	0.874	0.253	13.3	20.00
31347	40.8332	116.4459	-224.8	413	QA2	0	0	0	0	66	34.9	2199	52	118	188	2.269	0.628	0.277	13.2	20.00
31348	40.8332	116.4453	-223.2	410	QA2	0	0	0	0	71	34.8	2138	48	113	166	2.354	0.681	0.289	13.2	20.00
31349	40.8332	116.4447	-220.0	411	QA2	0	0	0	0	63	34.8	2184	39	116	192	2.974	0.604	0.203	13.1	20.00
31350	40.8332	116.4440	-217.4	410	QA2	0	0	0	0	67	34.8	2114	46	107	169	2.326	0.633	0.272	13.1	20.00
31351	40.8332	116.4434	-212.4	407	QA2	0	0	0	0	62	34.8	2222	59	188	115	3.186	1.635	0.513	13.0	20.00
31352	40.8332	116.4428	-206.4	411	QA2	0	0	0	0	71	34.8	2270	53	87	207	1.642	0.420	0.256	13.0	20.00
31353	40.8332	116.4422	-201.8	419	QA2	0	0	0	0	61	35.0	2208	54	58	205	1.074	0.283	0.263	13.0	20.00
31354	40.8332	116.4415	-196.9	425	QA2	0	0	0	0	67	35.1	2255	60	53	208	0.883	0.255	0.288	13.0	20.00
31355	40.8332	116.4409	-193.9	435	QA2	0	0	0	0	54	35.3	2134	43	153	176	3.558	0.869	0.244	13.1	20.00
31356	40.8332	116.4403	-189.5	442	QA2	0	0	0	0	62	35.4	2164	41	65	228	1.585	0.285	0.180	13.3	20.00
31357	40.8332	116.4397	-185.3	449	QA2	0	0	0	0	65	35.6	2144	67	40	196	0.597	0.204	0.342	13.3	20.00
31358	40.8332	116.4390	-183.8	463	QA2	0	0	0	0	68	35.9	2201	46	98	202	2.130	0.485	0.228	13.3	20.00
31359	40.8332	116.4384	-180.9	465	QA2	0	0	0	0	66	35.9	2219	52	33	220	0.635	0.150	0.236	13.1	20.00
31360	40.8332	116.4378	-177.2	456	QA2	0	0	0	0	70	35.7	2070	48	68	178	1.417	0.382	0.270	12.9	20.00
31361	40.8332	116.4372	-175.3	455	QA2	0	0	0	0	60	35.7	2143	66	48	218	0.727	0.220	0.303	12.7	20.00
31362	40.8332	116.4365	-173.5	453	QA2	0	0	0	0	57	35.7	1996	39	42	216	1.077	0.194	0.181	12.7	20.00
31363	40.8332	116.4359	-171.8	452	QA2	0	0	1	0	67	30.6	1957	74	-6	183	-0.081	-0.033	0.404	12.7	20.00
31364	40.8332	116.4353	-169.5	455	QA2	0	0	0	0	69	30.6	1894	42	81	133	1.929	0.609	0.316	12.7	20.00
31365	40.8332	116.4347	-167.5	460	QA2	0	0	0	0	67	30.7	1834	43	40	173	0.930	0.231	0.249	12.7	20.00
31366	40.8332	116.4340	-165.4	467	QA2	0	0	0	0	63	30.8	1829	31	113	119	3.645	0.950	0.261	12.8	20.00
31367	40.8332	116.4334	-161.2	472	QA2	0	0	1	0	62	30.9	1832	42	18	176	0.429	0.102	0.239	12.8	20.00
31368	40.8332	116.4328	-157.6	478	QA2	0	0	0	0	71	31.0	1879	47	38	188	0.809	0.202	0.250	12.8	20.00
31369	40.8332	116.4322	-152.6	487	QA2	0	0	0	0	63	31.1	1955	50	59	188	1.180	0.314	0.266	12.9	20.00
31370	40.8332	116.4315	-147.7	490	QA2	0	0	1	0	72	31.2	1996	46	15	224	0.326	0.067	0.205	13.0	20.00
31371	40.8332	116.4309	-144.4	485	QA2	0	0	1	0	61	31.1	1934	55	21	217	0.382	0.097	0.253	13.1	20.00
31372	40.8332	116.4303	-139.1	478	QA2	0	0	0	0	67	31.0	1955	31	113	174	3.645	0.649	0.178	13.1	20.00
31373	40.8332	116.4297	-134.3	472	QA2	0	0	0	0	67	30.9	1914	34	82	169	2.412	0.485	0.201	13.2	20.00
31374	40.8332	116.4291	-128.6	474	QA2	0	0	0	0	61	30.9	1866	46	63	137	1.370	0.460	0.336	13.2	20.00
31375	40.8332	116.4284	-124.8	474	QA2	0	0	0	0	64	30.9	1805	39	69	148	1.769	0.466	0.264	13.2	20.00
31376	40.8332	116.4278	-121.7	476	QA2	0	0	0	0	68	31.0	1803	37	70	161	1.892	0.435	0.230	13.2	20.00
31377	40.8332	116.4272	-118.5	481	QA2	0	0	0	0	59	31.0	1737	33	82	138	2.485	0.594	0.239	13.2	20.00
31378	40.8332	116.4266	-114.9	479	QA2	0	0	0	0	63	31.0	1728	36	71	100	1.972	0.710	0.360	13.1	20.00
31379	40.8332	116.4259	-114.5	481	QA2	0	0	0	0	66	31.0	1611	26	83	97	3.192	0.856	0.268	12.9	20.00
31380	40.8332	116.4253	-114.9	480	QA2	0	0	1	0	64	31.0	1665	44	-20	185	-0.455	-0.108	0.238	12.9	20.00
31381	40.8332	116.4247	-114.5	487	QA2	0	0	0	0	70	31.1	1705	32	80	121	2.500	0.661	0.264	12.8	20.00
31382	40.8332	116.4241	-113.1	489	QA2	0	0	0	0	64	37.7	1710	24	99	127	4.125	0.780	0.189	12.7	20.00
31383	40.8332	116.4234	-114.1	482	QA2	0	0	0	0	69	37.5	1705	45	37	125	0.822	0.296	0.360	12.5	20.00
31384	40.8332	116.4228	-113.2	478	QA2	0	0	0	0	55	37.4	1604	28	90	101	3.214	0.891	0.277	12.3	20.00
31385	40.8332	116.4222	-113.9	466	QA2	0	0	1	0	71	37.2	1691	52	-2	148	-0.038	-0.014	0.351	12.1	20.00
31386	40.8332	116.4216	-112.1	464	QA2	0	0	0	0	59	37.2	1642	30	27	130	0.900	0.208	0.231	12.1	20.00
31387	40.8332	116.4209	-111.8	460	QA2	0	0	1	0	71	37.1	1616	37	-21	136	-0.568	-0.154	0.272	11.9	20.00
31388	40.8332	116.4203	-111.7	451	QA2	0	0	0	0	58	36.9	1636	32	80	96	2.500	0.833	0.333	11.7	20.00
31389	40.8332	116.4197	-110.2	442	QA2	0	0	0	0	65	36.7	1556	45	56	85	1.244	0.659	0.529	11.4	20.00
31390	40.8332	116.4191	-109.6	435	QA2	0	0	0	0	68	36.6	1513	31	71	97	2.290	0.732	0.320	11.4	20.00
31391	40.8332	116.4184	-108.8	432	QA2	0	0	0	0	66	36.5	1415	15	74	96	4.933	0.771	0.156	11.3	20.00
31392	40.8332	116.4178	-108.5	426	QA2	0	0	1	0	59	36.4	1433	30	-3	139	-0.100	-0.022	0.216	11.1	20.00
31393	40.8332	116.4172	-109.7	421	QA2	0	0	0	0	75	36.3	1396	29	37	97	1.276	0.381	0.299	10.9	20.00
31394	40.8332	116.4166	-109.8	418	QA2	0	0	0	0	65	36.2	1386	25	53	103	2.120	0.515	0.243	10.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
31395	40.8332	116.4159	-111.0	417	QA2	0	0	0	0	66	36.2	1392	32	34	89	1.063	0.382	0.360	10.8	20.00
31396	40.8332	116.4153	-112.9	416	QA2	0	0	0	0	61	36.2	1506	36	62	90	1.722	0.689	0.400	10.7	20.00
31397	40.8332	116.4147	-114.5	414	QQA3	0	0	0	0	56	36.1	1484	22	64	105	2.909	0.610	0.210	10.7	20.00
31398	40.8332	116.4141	-116.1	415	QQA3	0	0	1	0	66	36.2	1451	39	15	97	0.385	0.155	0.402	10.6	20.00
31399	40.8332	116.4134	-118.7	422	QQA3	0	0	0	0	65	36.3	1564	31	38	133	1.226	0.286	0.233	10.6	20.00
31400	40.8332	116.4128	-120.5	428	QQA3	0	0	1	0	59	36.4	1521	36	3	143	0.083	0.021	0.252	10.6	20.00
31401	40.8332	116.4122	-121.1	438	QQA3	0	0	1	0	66	42.3	1514	52	2	116	0.038	0.017	0.448	10.5	20.00
31402	40.8332	116.4116	-122.2	447	QQA3	0	0	0	0	60	42.5	1554	30	27	141	0.900	0.191	0.213	10.5	20.00
31403	40.8332	116.4109	-122.8	451	QQA3	0	0	0	0	67	42.6	1493	34	53	105	1.559	0.505	0.324	10.3	20.00
31404	40.8332	116.4103	-122.1	463	QQA3	0	0	0	0	57	42.9	1484	32	25	113	0.781	0.221	0.283	10.3	20.00
31405	40.8332	116.4097	-121.9	470	QQA3	0	0	0	0	70	43.0	1450	21	45	74	2.143	0.608	0.284	10.1	20.00
31406	40.8332	116.4091	-120.9	478	QQA3	0	0	0	0	65	43.2	1550	19	72	112	3.789	0.643	0.170	10.0	20.00
31407	40.8332	116.4084	-122.4	474	QQA3	0	0	0	0	65	43.1	1575	35	49	104	1.400	0.471	0.337	9.8	20.00
31408	40.8332	116.4078	-122.0	478	QQA3	0	0	1	0	66	43.2	1673	53	-19	160	-0.358	-0.119	0.331	9.7	20.00
31409	40.8332	116.4072	-121.1	482	QQA3	0	0	1	0	64	43.3	1725	35	6	148	0.171	0.041	0.236	9.7	20.00
31410	40.8332	116.4066	-120.6	491	QQA3	0	0	0	0	70	43.5	1738	32	48	161	1.500	0.298	0.199	9.6	20.00
31411	40.8332	116.4060	-122.0	490	QQA3	0	0	0	0	60	43.5	1873	32	59	142	1.844	0.415	0.225	9.5	20.00
31412	40.8332	116.4053	-122.2	484	QQA3	0	0	0	0	62	43.3	1902	54	38	155	0.704	0.245	0.348	9.5	20.00
31413	40.8332	116.4047	-122.6	482	QQA3	0	0	1	0	65	43.3	1952	54	22	182	0.407	0.121	0.297	9.4	20.00
31414	40.8332	116.4041	-122.8	476	QQA3	0	0	0	0	60	43.1	1963	36	44	174	1.222	0.253	0.207	9.3	20.00
31415	40.8332	116.4035	-122.2	470	QQA3	0	0	0	0	71	43.0	1931	33	91	128	2.758	0.711	0.258	9.3	20.00
31416	40.8332	116.4028	-121.9	470	QQA3	0	0	0	0	66	43.0	1907	25	84	178	3.360	0.472	0.140	9.2	20.00
31417	40.8332	116.4022	-121.6	463	QQA3	0	0	0	0	68	42.8	2006	47	45	184	0.957	0.245	0.255	9.1	20.00
31418	40.8332	116.4016	-122.2	459	QQA3	0	0	1	0	65	42.8	2029	70	-20	209	-0.286	-0.096	0.335	8.8	20.00
31419	40.8333	116.4010	-122.3	461	QQA3	0	0	0	0	61	42.8	2053	51	40	208	0.784	0.192	0.245	8.7	20.00
31420	40.8333	116.4003	-122.2	461	QQA3	0	0	0	0	65	46.8	2079	50	71	180	1.420	0.394	0.278	8.6	20.00
31421	40.8333	116.3997	-122.7	454	QQA3	0	0	0	0	63	46.6	2061	22	136	157	6.182	0.866	0.140	8.4	20.00
31422	40.8333	116.3991	-123.3	455	QQA3	0	0	0	0	69	46.6	2071	58	52	141	0.897	0.369	0.411	8.2	20.00
31423	40.8333	116.3985	-123.9	455	QQA3	0	0	0	0	69	46.6	2113	64	29	180	0.453	0.161	0.356	8.1	20.00
31424	40.8333	116.3978	-124.9	447	QQA3	0	0	0	0	56	46.4	2135	53	113	151	2.132	0.748	0.351	7.9	20.00
31425	40.8333	116.3972	-126.6	443	QQA3	0	0	0	0	67	46.3	2113	47	54	204	1.149	0.265	0.230	7.8	20.00
31426	40.8333	116.3966	-129.0	440	QQA3	0	0	1	0	64	46.3	2034	56	3	206	0.054	0.015	0.272	7.7	20.00
31427	40.8333	116.3960	-131.2	427	QQA3	0	0	0	0	66	45.9	2120	52	86	164	1.654	0.524	0.317	7.6	20.00
31428	40.8333	116.3953	-132.2	415	QQA3	0	0	0	0	57	45.6	2175	40	109	186	2.725	0.586	0.215	7.5	20.00
31429	40.8333	116.3947	-133.4	408	QQA3	0	0	0	0	65	45.4	2263	43	133	187	3.093	0.711	0.230	7.5	20.00
31430	40.8333	116.3941	-137.3	407	QQA3	0	0	0	0	72	45.4	2119	20	157	150	7.850	1.047	0.133	7.4	20.00
31431	40.8333	116.3935	-143.2	405	QQA3	0	0	0	0	64	45.4	2266	49	146	186	2.980	0.785	0.263	7.3	20.00
31432	40.8333	116.3928	-152.6	406	QQA3	0	0	0	0	64	45.4	2217	72	78	175	1.083	0.446	0.411	7.3	20.00
31433	40.8333	116.3922	-156.9	406	QQA3	0	0	0	0	74	45.4	2174	34	86	208	2.529	0.413	0.163	7.2	20.00
31434	40.8333	116.3916	-154.8	405	QQA3	0	0	0	0	64	45.4	2147	49	74	230	1.510	0.322	0.213	7.1	20.00
31435	40.8333	116.3910	-149.5	402	QQA3	0	0	0	0	65	45.3	2005	52	36	234	0.692	0.154	0.222	7.0	20.00
31436	40.8333	116.3903	-143.7	400	QQA3	0	0	0	0	62	45.2	2027	50	70	188	1.400	0.372	0.266	6.9	20.00
31437	40.8333	116.3897	-137.3	398	QQA3	0	0	0	0	59	45.2	2039	46	104	183	2.261	0.568	0.251	6.9	20.00
31438	40.8333	116.3891	-131.0	393	QQA3	0	0	0	0	71	45.1	2159	66	39	191	0.591	0.204	0.346	6.7	20.00
31439	40.8333	116.3885	-120.6	395	QQA3	0	0	0	0	62	41.0	2020	47	105	157	2.234	0.669	0.299	6.7	20.00
31440	40.8333	116.3878	-108.0	397	QQA3	0	0	0	0	62	41.0	2006	72	65	133	0.903	0.489	0.541	6.7	20.00
31441	40.8333	116.3872	-94.8	397	QQA3	0	0	0	0	60	41.0	2138	49	118	145	2.408	0.814	0.338	6.7	20.00
31442	40.8333	116.3866	-86.0	397	QQA3	0	0	0	0	60	41.0	2127	46	128	156	2.783	0.821	0.295	6.6	20.00
31443	40.8333	116.3860	-79.6	394	QQA3	0	0	0	0	69	41.0	2085	49	84	159	1.714	0.528	0.308	6.5	20.00
31444	40.8333	116.3853	-74.6	390	QQA3	0	0	0	0	64	40.9	2242	47	178	145	3.787	1.228	0.324	6.5	20.00
31445	40.8333	116.3847	-68.5	389	QQA3	0	0	0	0	68	40.8	2227	70	91	149	1.300	0.611	0.470	6.5	20.00
31446	40.8333	116.3841	-59.9	386	QQA3	0	0	0	0	66	40.8	2255	57	101	203	1.772	0.498	0.281	6.4	20.00
31447	40.8333	116.3835	-54.0	386	QQA3	0	0	0	0	65	40.8	2284	58	99	196	1.707	0.505	0.296	6.4	20.00
31448	40.8333	116.3828	-49.7	383	QQA3	0	0	0	0	61	40.7	2356	77	37	225	0.481	0.164	0.342	6.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
31449	40.8333	116.3822	-48.1	377	QOA3	0	0	0	0	63	40.5	2431	68	126	196	1.853	0.643	0.347	6.5	20.00
31450	40.8333	116.3816	-48.8	369	QOA3	0	0	0	0	73	40.3	2429	77	86	220	1.117	0.391	0.350	6.5	20.00
31451	40.8333	116.3810	-49.5	367	QOA3	0	0	0	0	65	40.3	2503	70	94	240	1.343	0.392	0.292	6.6	20.00
31452	40.8333	116.3804	-52.1	365	QOA3	0	0	0	0	64	40.3	2513	78	63	248	0.808	0.254	0.315	6.8	20.00
31453	40.8333	116.3797	-52.5	369	QOA3	0	0	0	0	71	40.3	2484	58	160	219	2.759	0.731	0.265	7.0	20.00
31454	40.8333	116.3791	-54.2	387	QOA3	0	0	0	0	59	40.8	2565	67	134	226	2.000	0.593	0.296	7.2	20.00
31455	40.8333	116.3785	-59.9	412	QOA3	0	0	0	0	62	41.4	2707	73	86	254	1.178	0.339	0.287	7.3	20.00
31456	40.8333	116.3779	-61.5	388	QA2	0	0	0	0	68	40.8	2524	81	106	195	1.309	0.544	0.415	7.4	20.00
31457	40.8333	116.3772	-60.8	358	QA2	0	0	0	0	65	40.1	2545	75	167	179	2.227	0.933	0.419	7.6	20.00
31458	40.8333	116.3768	-58.4	329	QA2	0	0	0	0	70	27.3	2482	78	94	244	1.205	0.385	0.320	7.7	20.00
31459	40.8333	116.3763	-61.4	316	QA2	0	0	0	0	72	27.1	2488	93	93	211	1.000	0.441	0.441	7.9	20.00
31460	40.8333	116.3758	-64.5	315	QA2	0	0	0	0	69	27.1	2483	72	139	227	1.931	0.612	0.317	8.0	20.00
31461	40.8333	116.3754	-68.5	320	QA2	0	0	0	0	61	27.2	2485	62	197	195	3.177	1.010	0.318	8.1	20.00
31462	40.8333	116.3749	-67.5	343	QA2	0	0	0	0	66	27.6	2342	78	83	203	1.064	0.409	0.384	8.3	20.00
31463	40.8333	116.3745	-65.3	374	QA2	0	0	0	0	64	28.1	2413	59	224	149	3.797	1.503	0.396	8.4	20.00
31464	40.8333	116.3740	-63.1	405	QA2	0	0	0	0	71	28.7	2333	59	145	182	2.458	0.797	0.324	8.5	20.00
31465	40.8333	116.3735	-60.9	421	QA2	0	0	0	0	65	28.9	2216	66	74	179	1.121	0.413	0.369	8.5	20.00
31466	40.8333	116.3731	-57.4	433	QA2	0	0	0	0	71	29.1	2035	55	124	148	2.255	0.838	0.372	8.5	20.00
31467	40.8333	116.3726	-54.9	442	QA2	0	0	0	0	65	29.3	2104	37	186	122	5.027	1.525	0.303	8.6	20.00
31468	40.8333	116.3722	-53.7	448	QA2	0	0	0	0	70	29.4	2087	37	100	164	2.703	0.610	0.226	8.7	20.00
31469	40.8332	116.3717	-53.2	453	QA2	0	0	0	0	74	29.5	2007	44	112	144	2.545	0.778	0.306	8.9	20.00
31470	40.8332	116.3712	-52.0	458	QOA3	0	0	0	0	64	29.5	2033	31	104	179	3.355	0.581	0.173	9.1	20.00
31471	40.8332	116.3708	-50.8	460	QOA3	0	0	0	0	75	29.6	1934	24	126	149	5.250	0.846	0.161	9.3	20.00
31472	40.8332	116.3703	-49.7	462	QOA3	0	0	0	0	62	29.6	1976	49	102	157	2.082	0.650	0.312	9.4	20.00
31473	40.8332	116.3698	-50.2	465	QOA3	0	0	0	0	69	29.6	1909	41	43	181	1.049	0.238	0.227	9.5	20.00
31474	40.8332	116.3694	-50.4	463	QOA3	0	0	0	0	66	29.6	1937	41	44	194	1.073	0.227	0.211	9.6	20.00
31475	40.8332	116.3689	-49.8	452	QOA3	0	0	1	0	70	29.4	1786	52	8	168	0.154	0.048	0.310	9.6	20.00
31476	40.8332	116.3685	-47.6	428	QOA3	0	0	0	0	64	29.1	1837	37	68	176	1.838	0.386	0.210	9.7	20.00
31477	40.8332	116.3680	-46.7	400	QOA3	0	0	1	0	72	21.3	1694	44	10	151	0.227	0.066	0.291	9.8	20.00
31478	40.8332	116.3675	-45.5	379	QOA3	0	0	0	0	72	21.1	1632	33	128	86	3.879	1.488	0.384	9.9	20.00
31479	40.8332	116.3671	-44.1	368	QOA3	0	0	0	0	70	20.9	1660	33	96	115	2.909	0.835	0.287	10.0	20.00
31480	40.8332	116.3666	-42.7	398	QOA3	0	0	0	0	69	21.3	1789	36	75	157	2.083	0.478	0.229	10.1	20.00
31481	40.8332	116.3662	-40.2	449	QOA3	0	0	0	0	81	21.9	1888	39	118	124	3.026	0.952	0.315	10.2	20.00
31482	40.8332	116.3657	-38.2	489	QOA3	0	0	0	0	74	22.4	2070	66	45	178	0.682	0.253	0.371	10.3	20.00
31483	40.8332	116.3652	-37.7	493	QOA3	0	0	0	0	71	22.4	2002	42	130	136	3.095	0.956	0.309	10.3	20.00
31484	40.8332	116.3648	-37.8	493	QOA3	0	0	0	0	64	22.5	2060	36	120	163	3.333	0.736	0.221	10.4	20.00
31485	40.8332	116.3643	-36.9	494	QOA3	0	0	0	0	72	22.5	2022	41	84	173	2.049	0.486	0.237	10.5	20.00
31486	40.8332	116.3639	-37.3	494	QOA3	0	0	0	0	65	22.5	1994	57	77	153	1.351	0.503	0.373	10.7	20.00
31487	40.8332	116.3634	-37.9	494	QOA3	0	0	0	0	74	22.5	1991	39	76	170	1.949	0.447	0.229	10.8	20.00
31488	40.8332	116.3629	-37.3	490	QOA3	0	0	0	0	75	22.4	1894	40	105	118	2.625	0.890	0.339	10.9	20.00
31489	40.8332	116.3625	-38.3	493	QOA3	0	0	0	0	82	22.4	1907	48	95	94	1.979	1.011	0.511	10.9	20.00
31490	40.8332	116.3620	-37.0	487	QOA3	0	0	0	0	66	22.4	1923	61	69	131	1.131	0.527	0.466	10.9	20.00
31491	40.8331	116.3615	-36.6	484	QOA3	0	0	0	0	67	22.3	1865	45	102	96	2.267	1.063	0.469	11.0	20.00
31492	40.8331	116.3611	-36.6	490	QOA3	0	0	0	0	78	22.4	1797	26	120	120	4.615	1.000	0.217	11.1	20.00
31493	40.8331	116.3606	-35.4	495	QOA3	0	0	0	0	64	22.5	1750	32	93	114	2.906	0.816	0.281	11.2	20.00
31494	40.8331	116.3602	-35.0	499	QOA3	0	0	0	0	71	22.5	1761	31	135	91	4.355	1.484	0.341	11.4	20.00
31495	40.8331	116.3597	-35.1	500	QOA3	0	0	0	0	71	22.5	1705	29	71	107	2.448	0.664	0.271	11.5	20.00
31496	40.8331	116.3592	-34.6	507	QOA3	0	0	0	0	68	15.7	1708	32	43	149	1.344	0.289	0.215	11.6	20.00
31497	40.8331	116.3588	-33.6	524	QOA3	0	0	0	0	69	15.8	1674	29	117	95	4.034	1.232	0.305	11.7	20.00
31498	40.8331	116.3583	-33.4	531	QOA3	0	0	0	0	74	15.8	1638	43	83	70	1.930	1.186	0.614	11.7	20.00
31499	40.8331	116.3579	-34.2	531	QOA3	0	0	0	0	73	15.8	1633	26	102	110	3.923	0.927	0.236	11.8	20.00
31500	40.8331	116.3574	-34.4	521	QOA3	0	0	0	0	74	15.8	1668	40	58	91	1.450	0.637	0.440	11.8	20.00
31501	40.8331	116.3569	-35.2	524	QOA3	0	0	0	0	81	15.8	1601	39	70	61	1.795	1.148	0.639	11.9	20.00
31502	40.8331	116.3565	-35.4	510	QOA3	0	0	1	0	85	15.7	1464	29	6	132	0.207	0.045	0.220	11.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
31503	40.8331	116.3560	-36.6	497	QOA3	0	0	0	0	73	15.6	1480	26	60	116	2.308	0.517	0.224	11.8	20.00
31504	40.8331	116.3555	-36.6	487	QOA3	0	0	0	0	69	15.5	1505	21	92	95	4.381	0.968	0.221	11.8	20.00
31505	40.8331	116.3551	-37.7	459	QOA3	0	0	0	0	77	15.3	1369	23	53	88	2.304	0.602	0.261	11.7	20.00
31506	40.8331	116.3546	-38.0	434	QOA3	0	0	0	0	80	15.1	1413	15	97	67	6.467	1.448	0.224	11.7	20.00
31507	40.8331	116.3542	-39.0	414	QOA3	0	0	0	0	70	14.9	1314	19	101	64	5.316	1.578	0.297	11.7	20.00
31508	40.8331	116.3537	-38.2	399	QOA3	0	0	0	0	78	14.8	1326	31	58	69	1.871	0.841	0.449	11.6	20.00
31509	40.8331	116.3532	-38.2	406	QOA3	0	0	0	0	85	14.8	1229	12	67	82	5.583	0.817	0.146	11.6	20.00
31510	40.8331	116.3528	-37.7	453	QOA3	0	0	1	0	78	15.2	1225	26	-2	101	-0.077	-0.020	0.257	11.5	20.00
31511	40.8331	116.3523	-37.4	493	QOA3	0	0	0	0	76	15.5	1338	19	110	29	5.789	3.793	0.655	11.5	20.00
31512	40.8331	116.3519	-38.5	534	QOA3	0	0	0	0	71	15.9	1279	27	57	57	2.111	1.000	0.474	11.5	20.00
31513	40.8331	116.3514	-37.1	591	QOA3	0	0	0	0	75	16.3	1315	10	55	68	5.500	0.809	0.147	11.4	20.00
31514	40.8330	116.3509	-37.2	615	QOA3	0	0	0	0	67	16.4	1265	12	32	91	2.667	0.352	0.132	11.4	20.00
31515	40.8330	116.3505	-38.5	625	QOA3	0	0	1	0	76	23.8	1293	33	20	87	0.606	0.230	0.379	11.5	20.00
31516	40.8330	116.3500	-38.8	631	QOA3	0	0	0	0	84	23.9	1205	10	30	86	3.000	0.349	0.116	11.4	20.00
31517	40.8330	116.3496	-39.0	644	QOA3	0	0	0	0	81	24.0	1198	10	30	35	3.000	0.857	0.286	11.4	20.00
31518	40.8330	116.3491	-39.6	643	QOA3	0	0	0	1	85	24.0	1185	6	43	66	7.167	0.652	0.091	11.4	20.00
31519	40.8330	116.3486	-39.9	620	QOA3	0	0	0	0	71	23.8	1096	17	21	21	1.235	1.000	0.810	11.2	20.00
31520	40.8330	116.3482	-40.8	590	QOA3	0	0	0	1	77	23.5	1082	8	42	43	5.250	0.977	0.186	11.1	20.00
31521	40.8330	116.3477	-41.8	567	OVI	0	0	0	0	78	23.3	1060	18	35	29	1.944	1.207	0.621	11.1	20.00
31522	40.8330	116.3472	-42.4	508	OVI	0	0	1	0	75	22.6	928	17	-15	50	-0.882	-0.300	0.340	10.9	20.00
31523	40.8330	116.3468	-42.4	492	OVI	0	1	0	0	81	22.4	951	17	39	-10	2.294	-3.900	-1.700	10.8	20.00
31524	40.8330	116.3463	-42.9	475	OVI	0	1	0	1	82	22.2	954	5	53	12	10.600	4.417	0.417	10.8	20.00
31525	40.8330	116.3459	-42.7	442	OVI	0	0	0	0	74	21.8	914	11	27	36	2.455	0.750	0.306	10.7	20.00
31526	40.8330	116.3454	-43.1	410	OVI	0	0	0	1	82	21.5	824	4	24	37	6.000	0.649	0.108	10.7	20.00
31527	40.8330	116.3449	-43.9	385	OVI	0	0	0	1	79	21.1	867	4	34	32	8.500	1.063	0.125	10.6	20.00
31528	40.8330	116.3445	-43.0	381	OVI	0	0	0	0	81	21.1	847	7	41	15	5.857	2.733	0.467	10.5	20.00
31529	40.8330	116.3440	-43.3	397	OVI	0	0	1	0	81	21.3	894	15	0	43	0.067	0.023	0.349	10.4	20.00
31530	40.8330	116.3436	-42.6	403	OVI	0	0	0	0	76	21.4	856	8	34	21	4.250	1.619	0.381	10.3	20.00
31531	40.8330	116.3431	-41.3	386	OVI	0	0	0	0	70	21.2	900	12	32	29	2.667	1.103	0.414	10.3	20.00
31532	40.8330	116.3426	-43.7	381	OVI	0	0	1	1	87	21.1	928	5	10	54	2.000	0.185	0.093	10.3	20.00
31533	40.8330	116.3422	-41.6	407	OVI	0	0	1	0	89	21.4	938	14	12	36	0.857	0.333	0.389	10.2	20.00
31534	40.8330	116.3417	-41.8	423	OVI	0	0	0	0	76	23.8	1033	25	30	32	1.200	0.938	0.781	10.2	20.00
31535	40.8330	116.3413	-41.4	417	OVI	0	0	1	0	91	23.7	1036	20	17	56	0.850	0.304	0.357	10.2	20.00
31536	40.8329	116.3408	-41.2	400	OVI	0	0	0	0	77	23.5	1017	16	33	25	2.063	1.320	0.640	10.1	20.00
31537	40.8329	116.3403	-41.1	358	OVI	0	0	1	0	92	22.9	1032	14	8	61	0.571	0.131	0.230	10.0	20.00
31538	40.8329	116.3399	-40.3	310	OVI	0	0	0	0	77	22.2	1144	15	101	18	6.733	5.611	0.833	9.9	20.00
31539	40.8329	116.3394	-39.4	286	OVI	0	0	0	0	77	21.8	1113	19	87	33	4.579	2.636	0.576	9.9	20.00
31540	40.8329	116.3389	-38.5	285	OVI	0	0	0	0	87	21.8	1198	28	43	57	1.536	0.754	0.491	10.0	20.00
31541	40.8329	116.3385	-34.7	306	OVI	0	0	1	0	79	22.1	1289	38	14	93	0.368	0.151	0.409	10.0	20.00
31542	40.8329	116.3380	-33.4	326	OVI	0	0	0	0	88	22.4	1373	25	48	76	1.846	0.632	0.342	10.0	20.00
31543	40.8329	116.3376	-31.5	345	OVI	0	0	0	0	78	22.7	1408	39	55	81	1.410	0.679	0.481	9.9	20.00
31544	40.8329	116.3371	-32.5	362	OVI	0	0	1	0	77	23.0	1416	29	21	90	0.724	0.233	0.322	9.8	20.00
31545	40.8329	116.3366	-32.2	381	OVI	0	0	0	0	84	23.2	1481	29	72	94	2.483	0.766	0.309	9.6	20.00
31546	40.8329	116.3362	-33.4	400	OVI	0	0	0	0	96	23.5	1462	31	63	92	2.032	0.685	0.337	9.5	20.00
31547	40.8329	116.3357	-33.6	414	OVI	0	0	0	0	81	23.7	1468	38	36	87	0.947	0.414	0.437	9.4	20.00
31548	40.8329	116.3353	-33.1	428	OVI	0	0	0	0	87	23.9	1565	32	65	80	2.031	0.813	0.400	9.4	20.00
31549	40.8329	116.3348	-32.8	441	OVI	0	0	0	0	92	24.1	1545	32	87	66	2.719	1.318	0.485	9.3	20.00
31550	40.8329	116.3343	-34.4	440	OVI	0	0	0	0	91	24.0	1578	34	50	84	1.471	0.595	0.405	9.2	20.00
31551	40.8329	116.3339	-35.5	437	OVI	0	0	0	0	80	24.0	1517	26	71	112	2.731	0.634	0.232	9.1	20.00
31552	40.8329	116.3334	-34.2	428	OVI	0	0	0	0	84	23.9	1616	30	71	108	2.367	0.657	0.278	9.0	20.00
31553	40.8329	116.3329	-35.3	428	OVI	0	0	0	0	83	26.1	1639	48	32	99	0.667	0.323	0.485	8.9	20.00
31554	40.8329	116.3325	-34.6	439	OVI	0	0	0	0	82	26.3	1647	38	60	109	1.579	0.550	0.349	8.8	20.00
31555	40.8329	116.3320	-32.0	455	OVI	0	0	0	0	92	26.5	1668	38	73	85	1.921	0.859	0.447	8.7	20.00
31556	40.8329	116.3316	-31.2	478	OVI	0	0	0	0	90	26.8	1650	36	38	105	1.056	0.362	0.343	8.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
31557	40.8329	116.3311	-30.4	49?	OVI	0	0	0	0	88	27.1	1593	38	78	58	2.053	1.345	0.655	8.7	20.00
31558	40.8329	116.3306	-27.2	499	OVI	0	0	0	0	84	27.1	1511	19	69	102	3.632	0.676	0.186	8.6	20.00
31559	40.8328	116.3302	-24.3	531	OVI	0	0	0	0	78	27.5	1415	29	37	89	1.276	0.416	0.326	8.5	20.00
31560	40.8328	116.3297	-24.7	521	OVI	0	0	1	0	82	27.4	1240	27	-5	82	-0.185	-0.061	0.329	8.4	20.00
31561	40.8328	116.3293	-24.5	499	OVI	0	0	0	0	83	27.1	1307	28	28	72	1.000	0.389	0.389	8.3	20.00
31562	40.8328	116.3288	-24.2	488	OVI	0	0	0	0	86	27.0	1108	25	23	38	0.920	0.605	0.658	8.3	20.00
31563	40.8328	116.3283	-25.8	454	QOA3	0	0	1	0	81	26.5	1066	22	6	50	0.273	0.120	0.440	8.2	20.00
31564	40.8328	116.3279	-27.2	423	QOA3	0	0	1	0	85	26.0	1010	11	5	57	0.455	0.088	0.193	8.2	20.00
31565	40.8328	116.3274	-26.9	404	QOA3	0	0	0	0	82	25.8	991	8	51	40	6.375	1.275	0.200	8.2	20.00
31566	40.8328	116.3270	-26.8	405	QOA3	0	0	1	0	90	25.8	929	18	3	44	0.167	0.068	0.409	8.2	20.00
31567	40.8328	116.3265	-25.0	414	QOA3	0	0	0	0	80	25.9	1020	16	21	4'	1.313	0.477	0.364	8.1	20.00
31568	40.8328	116.3260	-24.0	425	QOA3	0	0	1	1	91	26.1	928	7	16	4?	2.286	0.381	0.167	8.1	20.00
31569	40.8328	116.3256	-20.8	432	QOA3	0	0	0	1	92	26.2	935	5	40	27	8.000	1.481	0.185	8.1	20.00
31570	40.8328	116.3251	-18.6	438	QOA3	0	0	1	0	87	26.3	972	14	3	49	0.214	0.061	0.286	8.2	20.00
31571	40.8328	116.3246	-16.4	450	QOA3	0	0	1	0	91	26.4	992	13	10	51	0.769	0.196	0.255	8.2	20.00
31572	40.8328	116.3242	-14.7	480	QOA3	0	1	0	0	83	25.4	1055	11	70	16	6.364	4.375	0.688	8.3	20.00
31573	40.8328	116.3237	-11.7	497	QOA3	0	0	1	0	76	25.6	1042	19	11	47	0.579	0.234	0.404	8.4	20.00
31574	40.8328	116.3233	-9.2	534	QOA3	0	0	1	0	81	26.1	1195	29	18	56	0.621	0.321	0.518	8.4	20.00
31575	40.8328	116.3228	-7.5	577	QOA3	0	0	0	0	87	26.6	1275	20	28	44	1.400	0.636	0.455	8.4	20.00
31576	40.8328	116.3223	-5.3	612	QOA3	0	0	1	0	78	27.0	1221	17	4	65	0.235	0.062	0.262	8.5	20.00
31577	40.8328	116.3219	-3.0	658	QOA3	0	0	1	0	84	27.5	1217	17	17	76	1.000	0.224	0.224	8.6	20.00
31578	40.8328	116.3214	-0.3	695	QOA3	0	0	0	0	81	27.9	1273	29	50	30	1.724	1.667	0.967	8.7	20.00
31579	40.8328	116.3210	2.7	709	QOA3	1	0	0	0	90	28.0	1411	13	33	93	2.538	0.355	0.140	8.7	20.00
31580	40.8328	116.3205	6.2	738	QOA3	1	0	1	0	83	28.3	1440	35	19	57	0.543	0.333	0.614	8.6	20.00
31581	40.8327	116.3200	9.3	771	QOA3	1	0	1	0	80	28.6	1514	36	15	71	0.417	0.211	0.507	8.6	20.00
31582	40.8327	116.3196	13.0	803	QOA3	1	0	0	0	78	28.9	1460	30	59	64	1.967	0.922	0.469	8.6	20.00
31583	40.8327	116.3191	16.3	818	QOA3	1	0	0	0	84	29.1	1433	29	41	30	1.414	1.367	0.967	8.6	20.00
31584	40.8327	116.3186	20.3	851	QOA3	1	0	0	0	82	29.2	1455	17	59	59	3.471	1.000	0.288	8.6	20.00
31585	40.8327	116.3182	22.5	840	QOA3	1	0	1	0	88	29.3	1442	31	18	66	0.581	0.273	0.470	8.6	20.00
31586	40.8327	116.3177	26.0	852	QOA3	1	0	0	0	83	29.4	1549	17	66	41	3.882	1.610	0.415	8.6	20.00
31587	40.8327	116.3173	29.3	868	QOA3	1	0	0	1	84	29.5	1526	9	81	50	9.000	1.620	0.180	8.6	20.00
31588	40.8327	116.3168	31.9	863	QOA3	1	0	1	0	77	29.5	1482	35	26	117	0.743	0.222	0.299	8.5	20.00
31589	40.8327	116.3163	34.8	893	QOA3	1	0	0	0	81	29.7	1563	24	102	46	4.250	2.217	0.522	8.5	20.00
31590	40.8327	116.3159	37.2	921	QOA3	1	0	0	1	73	29.9	1562	3	63	102	21.000	0.618	0.029	8.4	20.00
31591	40.8327	116.3154	39.7	907	QOA3	1	1	0	0	82	28.6	1493	23	64	14	2.783	4.571	1.643	8.3	20.00
31592	40.8327	116.3150	40.5	916	QOA3	1	0	1	0	81	28.7	1586	34	4	103	0.118	0.039	0.330	8.3	20.00
31593	40.8327	116.3145	40.3	902	QOA3	1	0	0	0	82	28.6	1596	13	43	120	3.308	0.358	0.108	8.3	20.00
31594	40.8327	116.3140	39.2	907	QOA3	1	0	0	0	83	28.6	1505	31	34	93	1.097	0.366	0.333	8.2	20.00
31595	40.8327	116.3136	37.9	907	QOA3	1	0	0	1	86	28.6	1471	6	36	66	6.000	0.545	0.091	8.3	20.00
31596	40.8327	116.3131	35.5	899	QOA3	1	0	1	0	79	28.6	1373	42	4	61	0.095	0.066	0.689	8.4	20.00
31597	40.8327	116.3127	33.3	897	QOA3	1	0	1	0	79	28.5	1521	49	26	63	0.531	0.413	0.778	8.4	20.00
31598	40.8327	116.3122	29.7	888	QOA3	1	0	0	0	85	28.5	1421	20	51	31	2.550	1.645	0.645	8.4	20.00
31599	40.8327	116.3117	24.1	893	QOA3	1	0	1	0	85	28.5	1531	38	13	64	0.342	0.203	0.594	8.4	20.00
31600	40.8327	116.3113	17.3	901	QTS	1	0	0	0	67	28.6	1681	23	84	117	3.652	0.718	0.197	8.5	20.00
31601	40.8327	116.3108	9.6	914	QTS	1	1	0	0	91	28.7	1574	22	80	12	3.636	6.667	1.833	8.4	20.00
31602	40.8327	116.3103	1.4	907	QTS	1	0	0	0	73	28.6	1600	17	92	36	5.412	2.556	0.472	8.4	20.00
31603	40.8327	116.3099	-7.6	886	QTS	1	0	0	0	68	28.5	1637	42	40	83	0.952	0.482	0.506	8.4	20.00
31604	40.8326	116.3094	-16.1	865	QTS	1	0	0	0	87	28.3	1754	31	107	42	3.452	2.548	0.738	8.5	20.00
31605	40.8326	116.3090	-23.9	838	QTS	1	0	0	0	77	28.1	1761	27	45	176	1.667	0.256	0.153	8.5	20.00
31606	40.8326	116.3085	-32.2	818	QTS	1	0	0	0	79	27.9	1728	58	56	45	0.966	1.244	1.289	8.4	20.00
31607	40.8326	116.3080	-41.0	795	QTS	1	0	0	0	77	27.7	1823	19	85	88	4.474	0.966	0.216	8.4	20.00
31608	40.8326	116.3076	-47.9	752	QTS	1	0	0	0	74	27.3	1816	36	88	65	2.444	1.354	0.554	8.2	20.00
31609	40.8326	116.3071	-53.9	735	QTS	1	0	0	0	76	27.1	1791	40	53	127	1.325	0.417	0.315	8.3	20.00
31610	40.8326	116.3067	-60.7	713	QTS	1	0	0	0	69	34.5	1809	37	47	135	1.270	0.348	0.274	8.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
31611	40.8326	116.3062	-67.3	679	QTS	0	0	0	0	76	34.1	1734	42	67	98	1.595	0.684	0.429	8.2	20.00
31612	40.8326	116.3057	-71.6	665	QTS	0	0	1	0	74	33.9	1744	51	15	124	0.294	0.121	0.411	8.4	20.00
31613	40.8326	116.3053	-75.9	638	QTS	0	0	0	0	69	33.5	1636	31	81	113	2.613	0.717	0.274	8.4	20.00
31614	40.8326	116.3048	-80.2	610	QTS	0	0	1	0	89	33.1	1671	38	-4	126	-0.105	-0.032	0.302	8.4	20.00
31615	40.8326	116.3044	-84.0	590	QTS	0	0	0	0	78	32.9	1767	46	55	111	1.196	0.495	0.414	8.2	20.00
31616	40.8326	116.3039	-86.9	574	QTS	0	0	0	0	66	32.6	1788	33	97	95	2.939	1.021	0.347	8.1	20.00
31617	40.8326	116.3034	-90.7	553	QTS	0	0	0	0	79	32.3	1745	48	83	59	1.729	1.407	0.814	8.1	20.00
31618	40.8326	116.3030	-94.7	537	QTS	0	0	0	0	70	32.1	1746	42	59	103	1.405	0.573	0.408	8.1	20.00
31619	40.8326	116.3025	-97.6	528	QTS	0	0	1	0	76	31.9	1756	41	16	130	0.390	0.123	0.315	8.1	20.00
31620	40.8326	116.3020	-101.4	505	QTS	0	0	0	0	75	31.6	1760	44	79	95	1.795	0.832	0.463	8.1	20.00
31621	40.8326	116.3016	-103.5	500	QTS	0	0	0	0	79	31.5	1828	45	55	143	1.222	0.385	0.315	8.0	20.00
31622	40.8326	116.3011	-106.2	497	QTS	0	0	0	0	74	31.5	1824	52	33	138	0.635	0.239	0.377	7.9	20.00
31623	40.8326	116.3007	-109.1	490	QTS	0	0	0	0	71	31.3	1918	59	62	131	1.051	0.473	0.450	7.8	20.00
31624	40.8326	116.3002	-110.7	490	QTS	0	0	0	0	67	31.3	2029	47	79	149	1.681	0.530	0.315	7.7	20.00
31625	40.8326	116.2997	-111.9	479	QTS	0	0	1	0	77	31.2	1932	55	8	174	0.145	0.046	0.316	7.7	20.00
31626	40.8326	116.2993	-115.0	472	QTS	0	0	0	0	69	31.1	1841	34	107	124	3.147	0.863	0.274	7.7	20.00
31627	40.8325	116.2988	-118.0	459	QTS	0	0	0	0	75	30.8	1840	53	75	81	1.415	0.926	0.654	7.6	20.00
31628	40.8326	116.2982	-117.7	452	QTS	0	0	0	0	65	30.7	1915	70	52	126	0.743	0.413	0.556	7.4	20.00
31629	40.8326	116.2976	-118.8	445	QTS	0	0	0	0	70	34.4	1923	48	113	111	2.354	1.018	0.432	7.3	20.00
31630	40.8326	116.2970	-121.2	444	QTS	0	0	0	0	78	34.4	1926	57	59	122	1.035	0.484	0.467	7.3	20.00
31631	40.8326	116.2965	-123.1	443	QTS	0	0	0	0	76	34.4	1870	47	52	163	1.106	0.319	0.288	7.3	20.00
31632	40.8326	116.2959	-125.5	444	QTS	0	0	0	0	68	34.4	1830	37	126	95	3.405	1.326	0.389	7.3	20.00
31633	40.8326	116.2953	-127.6	447	QTS	0	0	0	0	68	34.4	1971	42	77	136	1.833	0.566	0.309	7.2	20.00
31634	40.8326	116.2947	-129.2	454	QTS	0	0	0	0	70	34.6	1848	43	120	109	2.791	1.101	0.394	7.2	20.00
31635	40.8326	116.2941	-130.8	458	QTS	0	0	1	0	76	34.6	1896	61	17	151	0.279	0.113	0.404	7.1	20.00
31636	40.8326	116.2935	-131.3	465	QTS	0	0	0	0	72	34.8	1999	38	80	181	2.105	0.442	0.210	7.1	20.00
31637	40.8326	116.2929	-131.9	477	QTS	0	0	0	0	75	35.0	2047	52	100	154	1.923	0.649	0.338	7.1	20.00
31638	40.8326	116.2923	-133.9	485	QTS	0	0	0	0	67	35.1	1922	48	50	148	1.042	0.338	0.324	7.2	20.00
31639	40.8326	116.2917	-136.3	490	QTS	0	0	0	0	81	35.2	1863	39	37	162	0.949	0.228	0.241	7.3	20.00
31640	40.8326	116.2912	-136.4	492	QTS	0	0	0	0	70	35.2	1983	45	79	183	1.756	0.432	0.246	7.3	20.00
31641	40.8326	116.2906	-137.3	491	QTS	0	0	0	0	77	35.2	1921	48	68	152	1.417	0.447	0.316	7.3	20.00
31642	40.8326	116.2900	-138.4	490	QTS	0	0	0	0	75	35.2	1928	63	49	153	0.778	0.320	0.412	7.3	20.00
31643	40.8326	116.2894	-139.3	488	QTS	0	0	0	0	60	35.2	1944	70	40	116	0.571	0.345	0.603	7.3	20.00
31644	40.8326	116.2888	-140.3	477	QTS	0	0	1	0	78	35.0	1906	54	27	160	0.500	0.169	0.337	7.3	20.00
31645	40.8326	116.2882	-141.2	470	QTS	0	0	0	0	65	34.8	1885	40	62	160	1.550	0.387	0.250	7.3	20.00
31646	40.8326	116.2876	-142.2	460	QTS	0	0	0	0	84	34.7	1977	37	97	144	2.622	0.674	0.257	7.3	20.00
31647	40.8326	116.2870	-142.3	457	QTS	0	0	0	0	81	34.6	1904	55	74	108	1.345	0.685	0.509	7.2	20.00
31648	40.8326	116.2865	-143.7	454	QTS	0	0	0	0	74	36.8	1931	47	52	164	1.106	0.317	0.287	7.1	20.00
31649	40.8327	116.2859	-145.2	444	QTS	0	0	0	0	81	36.6	1883	45	81	99	1.800	0.818	0.455	7.1	20.00
31650	40.8327	116.2853	-145.9	436	QTS	0	0	1	0	72	36.4	1879	53	17	185	0.321	0.092	0.286	7.1	20.00
31651	40.8327	116.2847	-147.3	427	QTS	0	0	0	0	72	36.2	1932	49	63	143	1.286	0.441	0.343	7.1	20.00
31652	40.8327	116.2841	-149.5	420	QTS	0	0	0	0	65	36.1	1901	55	50	134	0.909	0.373	0.410	7.1	20.00
31653	40.8327	116.2835	-150.7	420	QTS	0	0	0	0	73	36.1	1873	51	76	130	1.490	0.585	0.392	7.0	20.00
31654	40.8327	116.2829	-154.0	426	QTS	0	0	0	0	70	36.2	1842	58	29	125	0.500	0.232	0.464	7.0	20.00
31655	40.8327	116.2823	-154.8	438	QTS	0	0	1	0	68	36.5	1899	58	17	143	0.293	0.119	0.406	7.0	20.00
31656	40.8327	116.2817	-155.1	445	QTS	0	0	1	0	63	36.6	1957	52	24	175	0.462	0.137	0.297	7.0	20.00
31657	40.8327	116.2812	-156.1	436	QTS	0	0	1	0	71	36.4	1876	66	18	138	0.273	0.130	0.478	7.0	20.00
31658	40.8327	116.2806	-156.5	428	QTS	0	0	1	0	69	36.3	1818	56	16	151	0.286	0.106	0.371	7.0	20.00
31659	40.8327	116.2800	-158.6	437	QTS	0	0	0	0	77	36.4	1780	27	45	145	1.667	0.310	0.186	7.1	20.00
31660	40.8327	116.2794	-159.1	448	QTS	0	0	0	0	67	36.7	1850	40	56	150	1.400	0.373	0.267	7.3	20.00
31661	40.8327	116.2788	-160.7	456	QTS	0	0	0	0	83	36.8	1903	49	54	152	1.102	0.355	0.322	7.5	20.00
31662	40.8327	116.2782	-162.5	463	QTS	0	0	0	0	77	37.0	1927	48	27	164	0.563	0.165	0.293	7.4	20.00
31663	40.8327	116.2776	-164.9	483	QTS	0	0	0	0	69	37.3	1877	58	36	152	0.621	0.237	0.382	7.3	20.00
31664	40.8327	116.2770	-166.2	493	QTS	0	0	0	0	72	37.5	1892	41	97	117	2.366	0.829	0.350	7.3	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
31665	40.8327	116.2764	-167.8	495	QTS	0	0	0	0	63	37.6	1933	53	78	136	1.472	0.574	0.390	7.4	20.00
31666	40.8327	116.2759	-169.5	497	QTS	0	0	0	0	73	37.6	1888	57	51	141	0.895	0.362	0.404	7.4	20.00
31667	40.8327	116.2753	-170.5	503	QTS	0	0	0	0	71	36.3	1882	37	99	128	2.676	0.773	0.289	7.5	20.00
31668	40.8327	116.2747	-171.4	498	QTS	0	0	0	0	76	36.2	1947	38	47	152	1.237	0.309	0.250	7.5	20.00
31669	40.8327	116.2741	-172.1	497	QTS	0	0	0	0	71	36.2	1862	46	122	54	2.652	2.259	0.852	7.5	20.00
31670	40.8328	116.2735	-173.0	495	QTS	0	0	0	0	82	36.2	1867	35	117	106	3.343	1.104	0.330	7.5	20.00
31671	40.8328	116.2729	-174.4	496	QTS	0	0	0	0	75	36.2	1942	34	139	90	4.088	1.544	0.378	7.5	20.00
31672	40.8328	116.2723	-174.5	495	QTS	0	0	0	0	73	36.2	1976	42	41	153	0.976	0.268	0.275	7.5	20.00
31673	40.8328	116.2717	-174.9	493	QTS	0	0	0	0	73	36.1	1967	49	58	170	1.184	0.341	0.288	7.5	20.00
31674	40.8328	116.2711	-175.7	495	QTS	0	0	0	0	71	36.2	2005	57	49	154	0.860	0.318	0.370	7.4	20.00
31675	40.8328	116.2706	-175.4	493	QTS	0	0	0	0	67	36.1	1994	59	39	158	0.661	0.247	0.373	7.4	20.00
31676	40.8328	116.2700	-179.0	493	QTS	0	0	0	0	69	36.1	2127	44	103	181	2.341	0.569	0.243	7.4	20.00
31677	40.8328	116.2694	-179.2	491	QTS	0	0	0	0	66	36.1	2116	55	90	138	1.636	0.652	0.399	7.4	20.00
31678	40.8328	116.2688	-179.1	490	QTS	0	0	0	0	71	36.1	2144	62	136	104	2.194	1.308	0.596	7.4	20.00
31679	40.8328	116.2682	-180.8	479	QTS	0	0	0	0	75	35.9	2155	48	90	165	1.875	0.545	0.291	7.4	20.00
31680	40.8328	116.2676	-180.5	472	QTS	0	0	0	0	67	35.7	2069	52	29	193	0.558	0.150	0.269	7.4	20.00
31681	40.8328	116.2670	-180.9	466	QTS	0	0	0	0	75	35.6	2120	33	108	192	3.273	0.563	0.172	7.4	20.00
31682	40.8328	116.2664	-181.9	453	QTS	0	0	0	0	70	35.4	2177	59	67	182	1.136	0.368	0.324	7.4	20.00
31683	40.8328	116.2658	-182.0	449	QTS	0	0	1	0	70	35.3	2136	71	-17	209	-0.239	-0.081	0.340	7.4	20.00
31684	40.8328	116.2653	-181.7	444	QTS	0	0	0	0	78	35.2	2133	58	78	174	1.345	0.448	0.333	7.4	20.00
31685	40.8328	116.2647	-181.3	450	QTS	0	0	0	0	71	35.3	1990	46	75	118	1.630	0.636	0.390	7.4	20.00
31686	40.8328	116.2641	-181.9	456	QTS	0	0	0	0	71	36.3	2050	69	35	162	0.507	0.216	0.426	7.4	20.00
31687	40.8328	116.2635	-180.9	469	QTS	0	0	0	0	72	36.6	2144	52	108	130	2.077	0.831	0.400	7.3	20.00
31688	40.8328	116.2629	-182.6	464	QTS	0	0	0	0	71	36.5	2046	44	74	178	1.682	0.416	0.247	7.2	20.00
31689	40.8328	116.2623	-181.7	462	QTS	0	0	0	0	64	36.4	2132	71	55	148	0.775	0.372	0.480	7.1	20.00
31690	40.8329	116.2617	-183.6	462	QTS	0	0	0	0	65	36.4	2109	42	126	147	3.000	0.857	0.286	7.0	20.00
31691	40.8329	116.2611	-183.5	455	QTS	0	0	0	0	73	36.3	2041	46	135	113	2.935	1.195	0.407	6.9	20.00
31692	40.8329	116.2605	-182.5	447	QTS	0	0	0	0	66	36.1	2082	54	76	183	1.407	0.415	0.295	6.8	20.00
31693	40.8329	116.2600	-181.9	438	QTS	0	0	0	0	70	36.0	2056	52	103	119	1.981	0.866	0.437	6.7	20.00
31694	40.8329	116.2594	-182.7	426	QTS	0	0	0	0	78	35.7	2021	56	28	184	0.500	0.152	0.304	6.6	20.00
31695	40.8329	116.2588	-184.1	417	QTS	0	0	0	0	66	35.5	2025	50	60	170	1.200	0.353	0.294	6.6	20.00
31696	40.8329	116.2582	-184.3	410	QTS	0	0	0	0	68	35.4	2003	57	82	121	1.439	0.678	0.471	6.6	20.00
31697	40.8329	116.2576	-183.8	398	QTS	0	0	0	0	71	35.2	2015	46	64	160	1.391	0.400	0.288	6.5	20.00
31698	40.8329	116.2570	-183.5	389	QTS	0	0	0	0	65	35.0	2039	53	79	150	1.491	0.527	0.353	6.5	20.00
31699	40.8329	116.2564	-182.9	389	QTS	0	0	0	0	74	35.0	1936	39	57	171	1.462	0.333	0.228	6.5	20.00
31700	40.8329	116.2558	-181.1	379	QTS	0	0	0	0	76	34.8	1933	53	74	130	1.396	0.569	0.408	6.4	20.00
31701	40.8329	116.2552	-180.8	368	QTS	0	0	0	0	73	34.5	1982	56	70	161	1.250	0.435	0.348	6.3	20.00
31702	40.8329	116.2547	-180.4	365	QTS	0	0	0	0	73	34.5	1913	49	80	153	1.633	0.523	0.320	6.4	20.00
31703	40.8329	116.2541	-180.9	353	QTS	0	0	0	0	71	34.2	1877	47	62	135	1.319	0.459	0.348	6.5	20.00
31704	40.8329	116.2535	-179.9	341	QTS	0	0	0	0	71	33.9	1948	43	103	120	2.575	0.858	0.333	6.6	20.00
31705	40.8329	116.2529	-180.6	336	QTS	0	0	0	0	78	34.5	1948	50	75	131	1.500	0.573	0.382	6.6	20.00
31706	40.8329	116.2523	-179.7	338	QTS	0	0	1	0	74	34.6	2014	65	22	164	0.338	0.134	0.396	6.6	20.00
31707	40.8329	116.2517	-179.8	341	QTS	0	0	0	0	75	34.7	2025	55	56	163	1.018	0.344	0.337	6.7	20.00
31708	40.8329	116.2511	-180.3	353	QTS	0	0	0	0	70	34.9	1964	53	76	145	1.434	0.524	0.366	6.8	20.00
31709	40.8329	116.2505	-180.3	376	QTS	0	0	0	0	67	35.4	2077	53	114	138	2.151	0.826	0.384	6.9	20.00
31710	40.8329	116.2500	-181.1	411	QTS	0	0	0	0	71	36.2	2097	62	111	183	1.790	0.607	0.339	6.8	20.00
31711	40.8330	116.2494	-180.9	424	QTS	0	0	0	0	73	36.5	2098	50	82	169	1.640	0.435	0.296	6.6	20.00
31712	40.8330	116.2488	-182.0	425	QTS	0	0	1	0	81	36.5	2064	66	-15	205	-0.227	-0.073	0.322	6.5	20.00
31713	40.8330	116.2482	-182.3	432	QTS	0	0	0	0	64	36.6	2054	52	73	156	1.404	0.468	0.333	6.6	20.00
31714	40.8330	116.2476	-182.1	446	QTS	0	0	0	0	73	36.9	2126	40	127	160	3.175	0.794	0.250	6.6	20.00
31715	40.8330	116.2470	-182.4	455	QTS	0	0	0	0	71	37.1	2099	41	100	174	2.439	0.575	0.236	6.6	20.00
31716	40.8330	116.2464	-183.2	459	QTS	0	0	0	0	69	37.2	2066	59	46	187	0.780	0.246	0.316	6.5	20.00
31717	40.8330	116.2458	-182.6	462	QTS	0	0	0	0	64	37.2	2049	34	154	158	4.529	0.975	0.215	6.5	20.00
31718	40.8330	116.2452	-181.2	465	QTS	0	0	0	0	71	37.3	2207	58	49	191	0.845	0.257	0.304	6.5	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
31719	40.8330	116.2447	-181.1	465	QTS	0	0	0	0	69	37.3	2201	58	72	185	1.241	0.389	0.314	6.4	20.00
31720	40.8330	116.2441	-180.7	467	QTS	0	0	0	0	71	37.3	2012	33	67	168	2.030	0.399	0.196	6.3	20.00
31721	40.8330	116.2435	-180.0	468	QTS	0	0	0	0	67	37.3	2096	38	100	190	2.632	0.526	0.200	6.4	20.00
31722	40.8330	116.2429	-179.9	472	QTS	0	0	0	0	68	37.4	2045	59	86	145	1.458	0.593	0.407	6.5	20.00
31723	40.8330	116.2423	-180.0	474	QTS	0	0	0	0	70	37.5	2139	55	80	189	1.455	0.423	0.291	6.4	20.00
31724	40.8330	116.2417	-180.6	479	QTS	0	0	0	0	70	32.6	2138	55	94	178	1.709	0.528	0.309	6.5	20.00
31725	40.8330	116.2411	-180.0	476	QA2	0	0	0	0	67	32.6	2093	33	100	163	3.030	0.613	0.202	6.5	20.00
31726	40.8330	116.2405	-179.9	470	QA2	0	0	0	0	73	32.4	2153	55	102	155	1.855	0.658	0.355	6.5	20.00
31727	40.8330	116.2399	-179.5	449	QA2	0	0	0	0	74	32.1	2063	42	127	163	3.024	0.779	0.258	6.4	20.00
31728	40.8330	116.2394	-180.0	429	QA2	0	0	0	0	70	31.7	2002	33	91	190	2.758	0.479	0.174	6.4	20.00
31729	40.8330	116.2388	-179.0	416	QA2	0	0	0	0	74	31.5	1999	52	63	157	1.212	0.401	0.331	6.4	20.00
31730	40.8330	116.2382	-178.6	425	QA2	0	0	0	0	71	31.7	2029	53	76	195	1.434	0.390	0.272	6.4	20.00
31731	40.8331	116.2376	-179.6	437	QA2	0	0	0	0	60	31.9	2078	45	82	219	1.822	0.374	0.205	6.4	20.00
31732	40.8331	116.2370	-179.1	419	QA2	0	0	0	0	75	31.6	2003	53	57	175	1.075	0.326	0.303	6.5	20.00
31733	40.8331	116.2364	-178.9	400	QA2	0	0	0	0	65	31.2	1983	48	77	160	1.604	0.481	0.300	6.5	20.00
31734	40.8331	116.2358	-177.4	392	QA2	0	0	0	0	75	31.1	1943	38	118	118	3.105	1.000	0.322	6.5	20.00
31735	40.8331	116.2352	-176.6	384	QA2	0	0	0	0	71	30.9	1982	51	125	134	2.451	0.933	0.381	6.5	20.00
31736	40.8331	116.2346	-174.9	358	QA2	0	0	0	0	68	30.4	1963	50	83	152	1.660	0.546	0.329	6.4	20.00
31737	40.8331	116.2341	-175.8	358	QA2	0	0	0	0	78	30.4	1871	34	93	144	2.735	0.646	0.236	6.5	20.00
31738	40.8331	116.2335	-177.2	383	QA2	0	0	0	0	69	30.9	1841	43	78	146	1.814	0.534	0.295	6.5	20.00
31739	40.8331	116.2329	-179.2	399	QA2	0	0	0	0	69	31.2	1964	55	112	113	2.036	0.991	0.487	6.6	20.00
31740	40.8331	116.2323	-179.6	400	QA2	0	0	0	0	67	31.2	1900	54	104	104	1.926	1.000	0.519	6.5	20.00
31741	40.8331	116.2317	-179.6	411	QA2	0	0	0	0	72	31.4	1922	52	62	136	1.192	0.456	0.382	6.5	20.00
31742	40.8331	116.2311	-181.8	436	QA2	0	0	0	0	77	31.9	1942	48	59	196	1.229	0.301	0.245	6.7	20.00
31743	40.8331	116.2305	-182.8	450	QA2	0	0	0	0	73	28.6	2092	60	91	137	1.517	0.664	0.438	6.8	20.00
31744	40.8331	116.2299	-183.3	465	QA2	0	0	0	0	74	28.9	1890	52	71	160	1.365	0.444	0.325	6.8	20.00
31745	40.8331	116.2293	-184.5	483	QA2	0	0	0	0	67	29.1	1988	62	34	167	0.548	0.204	0.371	6.9	20.00
31746	40.8331	116.2288	-185.3	490	QA2	0	0	0	0	77	29.3	2029	58	72	129	1.241	0.558	0.450	7.0	20.00
31747	40.8331	116.2282	-186.0	490	QA2	0	0	0	0	70	29.3	2060	57	67	193	1.175	0.347	0.295	7.0	20.00
31748	40.8331	116.2276	-185.4	488	QA2	0	0	0	0	69	29.2	2081	63	65	186	1.032	0.349	0.339	7.1	20.00
31749	40.8331	116.2270	-184.8	482	QA2	0	0	0	0	71	29.1	2080	66	98	151	1.485	0.649	0.437	7.1	20.00
31750	40.8331	116.2264	-183.2	480	QA2	0	0	0	0	58	29.1	2079	36	167	156	4.639	1.071	0.231	7.2	20.00
31751	40.8331	116.2258	-183.1	474	QA2	0	0	0	0	64	29.0	2000	47	100	168	2.128	0.595	0.280	7.3	20.00
31752	40.8332	116.2252	-185.2	475	QA2	0	0	0	0	73	29.0	2019	44	113	160	2.568	0.706	0.275	7.3	20.00
31753	40.8332	116.2246	-184.6	479	QA2	0	0	0	0	72	29.1	2094	40	121	180	3.025	0.672	0.222	7.2	20.00
31754	40.8332	116.2240	-185.9	483	QA2	0	0	0	0	66	29.2	2069	39	145	160	3.718	0.906	0.244	7.1	20.00
31755	40.8332	116.2235	-187.1	476	QA2	0	0	0	0	70	29.0	1956	42	72	178	1.714	0.404	0.236	7.0	20.00
31756	40.8332	116.2229	-186.8	475	QA2	0	0	0	0	57	29.0	1874	53	39	158	0.736	0.247	0.335	6.9	20.00
31757	40.8332	116.2223	-188.1	478	QA2	0	0	0	0	71	29.1	1906	34	121	101	3.559	1.198	0.337	6.9	20.00
31758	40.8332	116.2217	-187.5	477	QA2	0	0	0	0	68	29.1	2035	29	171	121	5.897	1.413	0.240	6.9	20.00
31759	40.8332	116.2211	-188.0	465	QA2	0	0	0	0	63	28.9	1988	44	108	148	2.455	0.730	0.297	6.8	20.00
31760	40.8332	116.2205	-189.4	460	QTSU	0	0	0	0	67	28.8	1987	56	96	127	1.714	0.756	0.441	6.7	20.00
31761	40.8332	116.2199	-189.3	457	QTSU	0	0	0	0	70	28.8	1993	40	124	162	3.100	0.765	0.247	6.7	20.00
31762	40.8332	116.2193	-187.1	463	QTSU	0	0	0	0	72	27.5	1997	47	114	163	2.426	0.699	0.288	6.7	20.00
31763	40.8332	116.2187	-182.8	458	QTSU	0	0	0	0	73	27.4	2017	37	103	171	2.784	0.602	0.216	6.7	20.00
31764	40.8332	116.2182	-179.8	449	QTSU	0	0	0	0	72	27.3	2129	34	131	181	3.853	0.724	0.188	6.7	20.00
31765	40.8332	116.2176	-180.7	443	QTSU	0	0	0	0	75	27.2	2184	57	83	196	1.456	0.423	0.291	6.7	20.00
31766	40.8332	116.2170	-181.4	433	QTSU	0	0	0	0	67	27.0	2125	30	164	181	5.467	0.906	0.166	6.6	20.00
31767	40.8332	116.2164	-179.6	424	QTSU	0	0	0	0	66	26.9	2131	63	108	127	1.714	0.850	0.496	6.6	20.00
31768	40.8332	116.2158	-176.8	419	QTSU	0	0	0	0	63	26.8	2156	52	119	162	2.288	0.735	0.321	6.7	20.00
31769	40.8332	116.2152	-174.7	415	QTSU	0	0	0	0	74	26.8	2093	64	43	194	0.672	0.222	0.330	6.7	20.00
31770	40.8332	116.2146	-174.2	403	QTSU	0	0	0	0	65	26.6	2193	43	177	154	4.116	1.149	0.279	6.8	20.00
31771	40.8332	116.2140	-172.3	376	QTSU	0	0	0	0	68	26.2	2124	66	43	226	0.652	0.190	0.292	6.8	20.00
31772	40.8333	116.2134	-170.6	347	QTSU	0	0	0	0	66	25.7	2140	42	126	199	3.000	0.633	0.211	6.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
31773	40.8333	116.2129	-171.3	344	QTSU	0	0	0	0	59	25.6	2159	68	107	171	1.574	0.626	0.398	6.7	20.00
31774	40.8333	116.2123	-172.4	352	QTSU	0	0	0	0	66	25.8	2349	77	74	217	0.961	0.341	0.355	6.8	20.00
31775	40.8333	116.2117	-174.0	355	QTSU	0	0	0	0	69	25.8	2268	57	117	197	2.053	0.594	0.289	6.8	20.00
31776	40.8333	116.2111	-174.9	351	QTSU	0	0	0	0	59	25.7	2246	71	91	212	1.282	0.429	0.335	6.8	20.00
31777	40.8333	116.2105	-176.4	362	QTSU	0	0	0	0	71	25.9	2272	65	95	214	1.462	0.444	0.304	6.9	20.00
31778	40.8333	116.2099	-179.9	379	QTSU	0	0	0	0	81	26.2	2124	50	80	201	1.600	0.398	0.249	7.0	20.00
31779	40.8333	116.2093	-182.7	386	QTSU	0	0	0	0	65	26.3	2181	59	129	179	2.186	0.721	0.330	7.1	20.00
31780	40.8333	116.2087	-186.3	395	QSWU	0	0	0	0	81	26.5	2177	47	92	197	1.957	0.467	0.239	7.2	20.00
31781	40.8333	116.2082	-190.2	415	QSWU	0	0	0	0	65	28.6	2070	62	89	144	1.435	0.618	0.431	7.3	20.00
31782	40.8333	116.2076	-192.6	450	QSWU	0	0	0	0	65	29.2	2118	64	61	178	0.953	0.343	0.360	7.3	20.00
31783	40.8333	116.2070	-195.3	443	QSWU	0	0	0	0	72	29.1	2013	48	109	134	2.271	0.813	0.358	7.3	20.00
31784	40.8333	116.2064	-195.4	407	QSWU	0	0	0	0	80	28.5	1852	32	156	106	4.875	1.472	0.302	7.3	20.00
31785	40.8333	116.2058	-196.1	401	QSWU	0	0	0	0	74	28.4	1875	52	44	155	0.846	0.284	0.335	7.4	20.00
31786	40.8333	116.2052	-193.7	374	QSWU	0	0	0	0	68	27.9	1836	30	121	150	4.033	0.807	0.200	7.5	20.00
31787	40.8333	116.2046	-191.9	343	QSWU	0	0	0	0	63	27.4	1897	39	105	164	2.692	0.640	0.238	7.6	20.00
31788	40.8333	116.2040	-196.1	360	QSWU	0	0	0	0	69	27.7	1797	40	43	154	1.075	0.279	0.260	7.6	20.00
31789	40.8333	116.2034	-199.7	417	QSWU	0	0	0	0	71	28.7	1877	37	70	170	1.892	0.412	0.218	7.6	20.00
31790	40.8333	116.2029	-203.4	448	QSWU	0	0	0	0	69	29.2	1926	37	108	146	2.919	0.740	0.253	7.7	20.00
31791	40.8333	116.2023	-204.7	425	QSWU	0	0	0	0	76	28.8	1865	26	57	205	2.192	0.278	0.127	7.7	20.00
31792	40.8333	116.2017	-205.7	412	QSWU	0	0	0	0	65	28.6	1875	39	116	144	2.974	0.806	0.271	7.7	20.00
31793	40.8334	116.2011	-204.8	381	QSWU	0	0	1	0	74	28.1	1812	52	18	153	0.346	0.118	0.340	7.7	20.00
31794	40.8334	116.2005	-207.7	349	QSWU	0	0	0	0	81	27.5	1689	52	52	112	1.000	0.464	0.464	7.7	20.00
31795	40.8334	116.1999	-211.9	367	QSWU	0	0	0	0	75	27.8	1792	38	77	135	2.026	0.570	0.281	7.7	20.00
31796	40.8334	116.1993	-217.8	365	QSWU	0	0	0	0	80	27.8	1704	43	58	118	1.349	0.492	0.364	7.7	20.00
31797	40.8334	116.1987	-224.3	354	QSWU	0	0	0	0	80	27.6	1788	37	80	130	2.162	0.615	0.285	7.7	20.00
31798	40.8334	116.1981	-230.7	386	QSWU	0	0	0	0	72	28.1	1724	35	61	135	1.743	0.452	0.259	7.7	20.00
31799	40.8334	116.1976	-237.3	445	QSWU	0	0	0	0	72	29.1	1825	41	60	134	1.463	0.448	0.306	7.7	20.00
31800	40.8334	116.1970	-241.6	492	QSWU	0	0	1	0	71	32.7	1977	44	25	209	0.568	0.120	0.211	7.6	20.00
31801	40.8334	116.1964	-241.8	484	QSWU	0	0	0	0	73	32.6	2009	45	120	150	2.667	0.800	0.300	7.6	20.00
31802	40.8334	116.1958	-238.4	477	QSWU	0	0	0	0	73	32.5	2047	62	62	112	1.000	0.554	0.554	7.5	20.00
31803	40.8334	116.1952	-235.4	494	QSWU	0	0	0	0	66	32.7	2105	44	107	136	2.432	0.787	0.324	7.5	20.00
31804	40.8334	116.1946	-231.4	514	QSWU	0	0	0	0	69	33.1	2240	68	58	198	0.853	0.293	0.343	7.6	20.00
31805	40.8334	116.1940	-227.1	535	QSWU	0	0	0	0	58	33.4	2272	56	95	173	1.696	0.549	0.324	7.5	20.00
31806	40.8334	116.1934	-222.7	541	QSWU	0	0	1	0	72	33.5	2405	84	19	214	0.226	0.089	0.393	7.5	20.00
31807	40.8334	116.1928	-216.5	601	QSWU	0	0	0	0	66	34.4	2570	78	58	224	0.744	0.259	0.348	7.5	20.00
31808	40.8334	116.1923	-212.3	556	QSWU	0	0	0	0	72	33.7	2577	56	108	190	1.929	0.568	0.295	7.5	20.00
31809	40.8334	116.1917	-209.4	529	QSWU	0	0	0	0	66	33.3	2519	63	115	211	1.825	0.545	0.299	7.4	20.00
31810	40.8334	116.1911	-211.5	497	QSWU	0	0	0	0	75	32.8	2411	48	120	196	2.500	0.612	0.245	7.4	20.00
31811	40.8334	116.1905	-213.3	479	QSWU	0	0	0	0	75	32.5	2329	70	137	176	1.957	0.778	0.398	7.4	20.00
31812	40.8334	116.1899	-217.6	457	QSWU	0	0	0	0	78	32.1	2061	47	56	180	1.273	0.311	0.244	7.4	20.00
31813	40.8335	116.1893	-218.0	431	QSWU	0	0	0	0	68	31.7	1934	48	71	147	1.479	0.483	0.327	7.4	20.00
31814	40.8335	116.1887	-217.6	377	QSWU	0	0	0	0	76	30.7	1698	21	123	123	5.857	1.000	0.171	7.4	20.00
31815	40.8335	116.1881	-217.1	327	QSWU	0	0	0	0	80	29.7	1592	30	56	128	1.867	0.438	0.234	7.3	20.00
31816	40.8335	116.1875	-219.4	337	QSWU	0	0	0	0	68	29.9	1738	42	80	102	1.905	0.784	0.412	7.4	20.00
31817	40.8335	116.1870	-222.5	374	QSWU	0	0	0	0	78	30.6	1719	37	107	115	2.892	0.930	0.322	7.4	20.00
31818	40.8335	116.1864	-224.2	421	QSWU	0	0	0	0	79	31.5	1793	45	60	121	1.333	0.496	0.372	7.3	20.00
31819	40.8335	116.1858	-222.1	444	QSWU	0	0	0	0	78	28.6	1973	58	88	129	1.517	0.632	0.450	7.2	20.00
31820	40.8335	116.1852	-211.1	430	QSRM2	0	0	0	0	80	28.4	2006	48	100	149	2.083	0.671	0.322	7.2	20.00
31821	40.8335	116.1846	-200.0	430	QSRM2	0	0	0	0	71	28.4	1928	43	72	160	1.674	0.450	0.269	7.2	20.00
31822	40.8335	116.1840	-195.9	396	QSRM2	0	0	0	0	72	27.8	1992	64	39	179	0.609	0.218	0.358	7.1	20.00
31823	40.8335	116.1834	-199.1	420	QSRM2	0	0	0	0	81	28.2	2002	56	73	132	1.304	0.553	0.424	7.1	20.00
31824	40.8335	116.1828	-207.1	438	QSRM2	0	0	0	0	73	28.5	2088	48	88	190	1.833	0.463	0.253	7.0	20.00
31825	40.8335	116.1822	-211.4	415	QSRM2	0	0	0	0	68	28.2	2050	63	68	160	1.079	0.425	0.394	6.8	20.00
31826	40.8335	116.1817	-213.9	397	QSRM2	0	0	0	0	76	27.9	1942	49	58	179	1.184	0.324	0.274	6.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
31827	40.8335	116.1811	-214.5	407	DSRM2	0	0	0	0	87	28.0	1894	52	104	109	2.000	0.954	0.477	6.8	20.00
31828	40.8335	116.1805	-214.3	410	DSRM2	0	0	0	0	85	28.1	2011	46	85	162	1.848	0.525	0.284	6.7	20.00
31829	40.8335	116.1799	-210.3	374	DSRM2	0	0	0	0	84	27.5	1758	44	57	128	1.295	0.445	0.344	6.5	20.00
31830	40.8335	116.1793	-208.0	356	DSRM2	0	0	0	0	86	27.2	1702	30	47	145	1.567	0.324	0.207	6.4	20.00
31831	40.8335	116.1787	-209.0	376	DSRM2	0	0	0	0	82	27.5	1739	35	85	110	2.429	0.773	0.318	6.3	20.00
31832	40.8335	116.1781	-211.8	414	DSRM2	0	0	0	0	77	28.1	1890	41	125	110	3.049	1.136	0.373	6.2	20.00
31833	40.8335	116.1775	-216.7	449	DSRM2	0	0	0	0	73	28.7	2007	47	41	174	0.872	0.236	0.270	6.1	20.00
31834	40.8336	116.1769	-221.5	490	DSRM2	0	0	0	0	79	29.3	2183	54	63	202	1.167	0.312	0.267	6.1	20.00
31835	40.8336	116.1764	-225.8	494	QTSU	0	0	0	0	78	29.4	2143	34	141	170	4.147	0.829	0.200	6.0	20.00
31836	40.8336	116.1758	-227.7	491	QTSU	0	0	0	0	66	29.3	2180	35	124	204	3.543	0.608	0.172	5.9	20.00
31837	40.8336	116.1752	-229.2	478	QTSU	0	0	0	0	72	29.1	2225	52	116	178	2.231	0.652	0.292	5.8	20.00
31838	40.8336	116.1746	-228.1	471	QTSU	0	0	0	0	72	31.1	2202	42	77	212	1.833	0.363	0.198	5.7	20.00
31839	40.8336	116.1740	-228.7	475	QTSU	0	0	0	0	77	31.1	2151	42	117	158	2.786	0.741	0.266	5.7	20.00
31840	40.8336	116.1734	-228.7	486	QTSU	0	0	0	0	83	31.3	2152	47	58	201	1.234	0.289	0.234	5.7	20.00
31841	40.8336	116.1728	-228.1	492	QTSU	0	0	0	0	72	31.4	2006	55	54	146	0.982	0.370	0.377	5.6	20.00
31842	40.8336	116.1722	-229.6	500	QTSU	0	0	0	0	80	31.5	1990	54	48	132	0.889	0.364	0.409	5.6	20.00
31843	40.8336	116.1716	-230.4	517	QTSU	0	0	0	0	79	31.8	2020	18	132	161	7.333	0.820	0.112	5.5	20.00
31844	40.8336	116.1711	-232.2	551	QTSU	0	0	1	0	79	32.3	2067	50	26	205	0.520	0.127	0.244	5.5	20.00
31845	40.8336	116.1705	-233.4	545	QTSU	0	0	0	0	72	32.2	1981	36	84	138	2.333	0.609	0.261	5.4	20.00
31846	40.8336	116.1699	-235.1	539	QTSU	0	0	0	0	80	32.1	2045	47	99	108	2.106	0.917	0.435	5.4	20.00
31847	40.8336	116.1692	-236.5	536	QTSU	0	0	0	0	73	32.1	2028	38	75	190	1.974	0.395	0.200	5.4	20.00
31848	40.8336	116.1686	-236.9	532	QTSU	0	0	0	0	73	32.0	1986	53	82	136	1.547	0.603	0.390	5.3	20.00
31849	40.8336	116.1679	-236.9	521	QTSU	0	0	0	0	70	31.9	1981	55	74	105	1.345	0.705	0.524	5.3	20.00
31850	40.8336	116.1672	-237.1	520	QTSU	0	0	0	0	71	31.8	1933	42	62	147	1.476	0.422	0.286	5.3	20.00
31851	40.8336	116.1666	-237.2	517	QTSU	0	0	0	0	77	31.8	1942	56	39	160	0.696	0.244	0.350	5.3	20.00
31852	40.8336	116.1659	-236.7	504	QTSU	0	0	0	0	77	31.6	1905	41	87	129	2.122	0.674	0.318	5.3	20.00
31853	40.8336	116.1653	-236.8	513	QTSU	0	0	0	0	91	31.7	1908	28	64	173	2.286	0.370	0.162	5.3	20.00
31854	40.8336	116.1646	-237.3	505	QTSU	0	0	0	0	78	31.6	1913	36	117	97	3.250	1.206	0.371	5.3	20.00
31855	40.8336	116.1639	-236.9	502	QTSU	0	0	0	0	81	31.6	1826	40	80	119	2.000	0.672	0.336	5.4	20.00
31856	40.8336	116.1633	-235.6	501	QTSU	0	0	0	0	64	31.5	1851	41	130	103	3.171	1.262	0.398	5.6	20.00
31857	40.8336	116.1626	-235.0	499	QTSU	0	0	0	0	69	35.8	1843	41	48	146	1.171	0.329	0.281	5.5	20.00
31858	40.8336	116.1620	-234.1	497	QTSU	0	0	0	0	72	35.7	1866	28	100	131	3.571	0.763	0.214	5.5	20.00
31859	40.8336	116.1613	-233.5	495	QTSU	0	0	0	0	74	35.7	1824	32	67	142	2.094	0.472	0.225	5.5	20.00
31860	40.8336	116.1606	-229.3	481	QTSU	0	0	0	0	66	35.4	1813	37	83	136	2.243	0.610	0.272	5.5	20.00
31861	40.8336	116.1600	-225.3	437	QTSU	0	0	0	0	73	34.6	1706	26	92	113	3.538	0.814	0.230	5.5	20.00
31862	40.8336	116.1593	-221.1	387	QTSU	0	0	0	0	69	33.6	1697	40	57	133	1.425	0.429	0.301	5.4	20.00
31863	40.8336	116.1587	-219.9	370	TS3	0	0	0	0	76	33.3	1645	31	80	120	2.581	0.667	0.258	5.4	20.00
31864	40.8336	116.1580	-221.5	371	TS3	0	0	0	0	76	33.3	1645	22	72	159	3.273	0.453	0.138	5.3	20.00
31865	40.8336	116.1573	-225.7	370	TS3	0	0	0	0	75	33.3	1729	35	58	151	1.657	0.384	0.232	5.3	20.00
31866	40.8336	116.1567	-228.5	408	TS3	0	0	0	0	81	34.1	1713	29	28	137	1.000	0.204	0.204	5.4	20.00
31867	40.8336	116.1560	-230.1	415	TS3	0	0	0	0	77	34.2	1770	27	63	149	2.333	0.423	0.181	5.3	20.00
31868	40.8336	116.1554	-229.8	380	TS3	0	0	1	0	72	33.5	1618	38	19	150	0.500	0.127	0.253	5.3	20.00
31869	40.8336	116.1547	-229.2	377	TS3	0	0	0	0	74	33.4	1605	31	81	117	2.613	0.692	0.265	5.3	20.00
31870	40.8336	116.1540	-230.6	408	TS3	0	0	0	0	68	34.1	1700	38	69	135	1.816	0.511	0.281	5.3	20.00
31871	40.8336	116.1534	-233.0	435	TS3	0	0	0	0	76	34.6	1742	40	79	85	1.975	0.929	0.471	5.4	20.00
31872	40.8336	116.1527	-235.9	458	TS3	0	0	0	0	62	35.0	1715	42	47	144	1.119	0.326	0.292	5.5	20.00
31873	40.8336	116.1521	-236.8	457	TS3	0	0	0	0	73	35.0	1670	49	35	104	0.714	0.337	0.471	5.5	20.00
31874	40.8336	116.1514	-238.1	473	TS3	0	0	1	0	76	35.3	1753	45	0	152	0.022	0.007	0.296	5.4	20.00
31875	40.8336	116.1507	-236.3	464	TS3	0	0	0	0	71	35.1	1726	34	49	147	1.441	0.333	0.231	5.5	20.00
31876	40.8336	116.1501	-235.2	468	TS3	0	0	0	0	69	39.7	1743	52	34	144	0.654	0.236	0.361	5.6	20.00
31877	40.8336	116.1494	-231.4	452	TS3	0	0	0	0	74	39.3	1587	30	44	123	1.467	0.358	0.244	5.6	20.00
31878	40.8336	116.1488	-230.9	448	TS3	0	0	0	0	74	39.3	1665	35	44	124	1.257	0.355	0.282	5.5	20.00
31879	40.8336	116.1481	-228.8	467	TS3	0	0	0	0	70	39.7	1719	50	35	128	0.700	0.273	0.391	5.6	20.00
31880	40.8336	116.1474	-226.8	490	TS3	0	0	0	0	71	40.1	1725	39	107	116	2.744	0.922	0.336	5.6	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
31881	40.8336	116.1468	-225.9	494	TS3	0	0	0	0	75	40.2	1754	51	72	113	1.412	0.637	0.451	5.6	20.00
31882	40.8336	116.1461	-224.5	493	TS3	0	0	0	0	76	40.2	1699	43	45	120	1.047	0.375	0.358	5.7	20.00
31883	40.8336	116.1454	-223.4	493	TS3	0	0	0	0	75	40.2	1647	37	29	124	0.784	0.234	0.298	5.7	20.00
31884	40.8336	116.1448	-223.4	487	TS3	0	0	0	0	78	40.1	1641	37	29	114	0.784	0.254	0.325	5.7	20.00
31885	40.8336	116.1441	-223.6	477	TS3	0	0	0	0	76	39.9	1695	44	76	82	1.727	0.927	0.537	5.6	20.00
31886	40.8336	116.1435	-226.3	476	TS3	0	0	1	0	72	39.8	1655	66	-38	120	-0.576	-0.317	0.550	5.6	20.00
31887	40.8336	116.1428	-229.0	494	TS3	0	0	0	0	64	40.2	1701	55	49	86	0.891	0.570	0.640	5.6	20.00
31888	40.8336	116.1421	-231.4	497	TS3	0	0	1	0	75	40.3	1638	44	13	86	0.295	0.151	0.512	5.6	20.00
31889	40.8336	116.1415	-233.5	525	TS3	0	0	0	0	68	40.8	1774	36	74	108	2.056	0.685	0.333	5.5	20.00
31890	40.8336	116.1408	-236.7	497	TS3	0	0	1	0	78	40.3	1740	48	0	135	0.021	0.007	0.356	5.5	20.00
31891	40.8336	116.1402	-240.0	497	TS3	0	0	0	0	76	40.3	1735	29	93	104	3.207	0.894	0.279	5.4	20.00
31892	40.8336	116.1395	-243.4	498	TS3	0	0	1	0	69	40.3	1757	49	14	123	0.286	0.114	0.398	5.4	20.00
31893	40.8336	116.1388	-247.3	499	TS3	0	0	1	0	65	40.3	1822	41	25	182	0.610	0.137	0.225	5.3	20.00
31894	40.8336	116.1382	-248.2	496	TS3	0	0	1	0	72	40.3	1898	56	22	111	0.393	0.198	0.505	5.3	20.00
31895	40.8336	116.1375	-247.6	439	TS3	0	0	0	0	76	43.3	1802	42	107	96	2.548	1.115	0.438	5.3	20.00
31896	40.8336	116.1369	-247.4	419	TS3	0	0	0	0	80	42.8	1737	56	27	108	0.482	0.250	0.519	5.3	20.00
31897	40.8336	116.1362	-245.2	462	TS3	0	0	0	0	71	43.8	1904	43	96	140	2.233	0.686	0.307	5.4	20.00
31898	40.8336	116.1355	-243.8	490	TS3	0	0	0	0	66	44.5	2001	58	51	155	0.879	0.329	0.374	5.4	20.00
31899	40.8336	116.1349	-242.7	527	TS3	0	0	0	0	75	45.3	2036	48	103	105	2.146	0.981	0.457	5.4	20.00
31900	40.8336	116.1342	-240.6	495	TS3	0	0	1	0	69	44.6	1973	60	24	171	0.400	0.140	0.351	5.4	20.00
31901	40.8336	116.1336	-239.5	494	TS3	0	0	0	0	72	44.6	1977	43	69	147	1.605	0.469	0.293	5.4	20.00
31902	40.8336	116.1329	-236.9	485	TS3	0	0	0	0	69	44.4	1942	56	38	131	0.679	0.290	0.427	5.4	20.00
31903	40.8336	116.1322	-235.3	457	TS3	0	0	0	0	69	43.7	1893	33	54	195	1.636	0.277	0.169	5.4	20.00
31904	40.8336	116.1316	-229.6	438	TS3	0	0	0	0	75	43.3	1887	51	38	151	0.745	0.252	0.338	5.4	20.00
31905	40.8336	116.1309	-230.2	447	TS3	0	0	0	0	77	43.5	1894	51	57	141	1.118	0.404	0.362	5.4	20.00
31906	40.8336	116.1303	-234.7	456	TS3	0	0	1	0	70	43.7	1944	55	5	178	0.091	0.028	0.309	5.2	20.00
31907	40.8335	116.1296	-237.2	449	TS3	0	0	1	0	76	43.5	1909	58	-8	185	-0.138	-0.043	0.314	5.0	20.00
31908	40.8335	116.1289	-238.9	441	TS3	0	0	0	0	73	43.3	1905	42	65	165	1.548	0.394	0.255	5.0	20.00
31909	40.8335	116.1283	-239.9	430	TS3	0	0	0	0	67	43.1	1924	55	45	158	0.818	0.285	0.348	5.1	20.00
31910	40.8335	116.1276	-236.9	414	TS3	0	0	0	0	65	42.7	1864	52	68	137	1.308	0.496	0.380	5.1	20.00
31911	40.8335	116.1270	-230.9	401	TS3	0	0	0	0	67	42.3	1973	45	116	129	2.578	0.899	0.349	5.1	20.00
31912	40.8335	116.1263	-231.0	406	TS3	0	0	0	0	64	42.5	2047	46	93	155	2.022	0.600	0.297	5.2	20.00
31913	40.8335	116.1256	-235.5	423	TS3	0	0	0	0	65	42.9	1993	49	31	199	0.633	0.156	0.246	5.3	20.00
31914	40.8335	116.1250	-239.0	436	TS3	0	0	0	0	74	38.4	2085	50	101	150	2.020	0.673	0.333	5.3	20.00
31915	40.8335	116.1243	-240.8	455	TS3	0	0	0	0	81	38.8	2024	37	93	182	2.514	0.511	0.203	5.2	20.00
31916	40.8335	116.1237	-238.5	442	TS3	0	0	0	0	63	38.5	2053	48	98	166	2.042	0.590	0.289	5.2	20.00
31917	40.8335	116.1230	-233.2	437	TS3	0	0	0	0	65	38.4	2072	43	117	133	2.721	0.880	0.323	5.2	20.00
31918	40.8335	116.1223	-228.6	438	TS3	0	0	0	0	66	38.4	2122	45	72	180	1.600	0.400	0.250	5.2	20.00
31919	40.8335	116.1217	-224.7	440	TS3	0	0	0	0	63	38.5	2037	48	146	105	3.042	1.390	0.457	5.2	20.00
31920	40.8335	116.1210	-222.8	445	TS3	0	0	0	0	78	38.6	2109	57	154	123	2.852	1.252	0.439	5.2	20.00
31921	40.8335	116.1204	-225.6	455	TS3	0	0	0	0	75	38.8	2068	48	71	185	1.479	0.384	0.259	5.2	20.00
31922	40.8335	116.1197	-223.8	447	TS3	0	0	1	0	72	38.6	2090	56	15	219	0.268	0.068	0.256	5.1	20.00
31923	40.8335	116.1190	-219.7	446	TS3	0	0	0	0	70	38.6	2167	44	58	193	1.318	0.301	0.228	5.0	20.00
31924	40.8335	116.1184	-216.2	435	TS3	0	0	0	0	69	38.4	2187	38	164	168	4.316	0.976	0.226	4.9	20.00
31925	40.8335	116.1177	-215.7	421	TS3	0	0	0	0	61	38.1	2138	54	107	159	1.981	0.673	0.340	5.0	20.00
31926	40.8335	116.1171	-218.1	419	TS3	0	0	0	0	69	38.0	2074	44	30	228	0.682	0.132	0.193	5.0	20.00
31927	40.8335	116.1164	-221.9	397	TS3	0	0	0	0	75	37.5	2093	53	120	117	2.264	1.026	0.453	4.9	20.00
31928	40.8335	116.1157	-227.0	347	TS3	0	0	1	0	71	36.4	2054	42	6	216	0.143	0.028	0.194	4.9	20.00
31929	40.8335	116.1151	-230.3	304	TS3	0	0	0	0	74	35.4	2160	37	147	202	3.973	0.728	0.183	5.0	20.00
31930	40.8335	116.1144	-228.9	245	TS3	0	0	0	0	75	33.9	2218	76	63	194	0.829	0.325	0.392	5.0	20.00
31931	40.8335	116.1138	-221.2	202	TS3	0	0	0	0	75	32.7	2197	43	132	217	3.070	0.608	0.198	5.0	20.00
31932	40.8335	116.1131	-216.0	203	TS3	0	0	0	0	73	32.8	2162	43	106	215	2.465	0.493	0.200	5.0	20.00
31933	40.8335	116.1124	-209.5	220	TS3	0	0	0	0	67	38.3	2192	59	116	205	1.966	0.566	0.288	5.0	20.00
31934	40.8335	116.1118	-211.0	237	TS3	0	0	0	0	70	38.8	2211	64	94	201	1.469	0.468	0.318	5.1	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
31935	40.8335	116.1111	-213.4	267	TS3	0	0	0	0	74	39.7	2185	53	108	191	2.038	0.565	0.277	5.0	20.00
31936	40.8335	116.1104	-214.8	296	TS3	0	0	0	0	73	40.5	2226	61	80	211	1.311	0.379	0.289	5.1	20.00
31937	40.8335	116.1098	-216.2	321	TS3	0	0	0	0	77	41.3	2230	40	104	204	2.600	0.510	0.196	5.0	20.00
31938	40.8335	116.1091	-216.9	344	TS3	0	0	0	0	64	41.9	2155	51	48	231	0.941	0.208	0.221	5.1	20.00
31939	40.8335	116.1085	-217.7	360	TS3	0	0	0	0	75	42.3	2086	51	85	177	1.667	0.480	0.288	5.2	20.00
31940	40.8335	116.1078	-218.7	378	QA3	0	0	0	0	73	42.8	2124	48	143	142	2.979	1.007	0.338	5.2	20.00
31941	40.8335	116.1071	-219.2	393	QA3	0	0	0	0	70	43.2	2169	36	155	159	4.306	0.975	0.226	5.3	20.00
31942	40.8335	116.1065	-220.2	412	QA3	0	0	0	0	74	43.7	2090	47	55	185	1.170	0.297	0.254	5.4	20.00
31943	40.8335	116.1058	-221.4	431	QA3	0	0	0	0	75	44.1	2201	47	89	160	1.894	0.556	0.294	5.4	20.00
31944	40.8335	116.1052	-223.3	462	QA3	0	0	0	0	67	44.9	2311	61	84	199	1.377	0.422	0.307	5.4	20.00
31945	40.8335	116.1045	-225.2	492	QA3	0	0	0	0	76	45.6	2510	60	85	204	1.417	0.417	0.294	5.5	20.00
31946	40.8335	116.1038	-226.8	495	QA3	0	0	0	0	64	45.7	2608	75	112	229	1.493	0.489	0.328	5.5	20.00
31947	40.8335	116.1032	-226.6	481	QA3	0	0	0	0	73	45.3	2686	69	158	211	2.290	0.749	0.327	5.5	20.00
31948	40.8335	116.1025	-226.1	434	QA3	0	0	0	0	75	44.2	2707	65	147	232	2.262	0.634	0.280	5.5	20.00
31949	40.8335	116.1019	-224.2	381	QA3	0	0	0	0	76	42.9	2441	63	167	155	2.651	1.077	0.406	5.5	20.00
31950	40.8335	116.1012	-221.3	348	QA3	0	0	0	0	71	42.0	2449	76	147	163	1.934	0.902	0.466	5.6	20.00
31951	40.8335	116.1005	-220.4	357	QA3	0	0	0	0	70	42.3	2410	63	144	186	2.286	0.774	0.339	5.6	20.00
31952	40.8335	116.0999	-222.2	374	QA3	0	0	0	0	70	39.6	2501	79	128	177	1.620	0.723	0.446	5.6	20.00
31953	40.8335	116.0992	-222.5	387	TS3	0	0	0	0	70	40.0	2609	80	115	218	1.438	0.528	0.367	5.8	20.00
31954	40.8335	116.0986	-221.0	398	TS3	0	0	0	0	77	40.2	2490	69	99	197	1.435	0.503	0.350	5.9	20.00
31955	40.8335	116.0979	-218.0	409	TS3	0	0	0	0	64	40.5	2621	88	95	230	1.080	0.413	0.383	5.9	20.00
31956	40.8335	116.0972	-215.1	418	TS3	0	0	0	0	84	40.7	2630	82	119	213	1.451	0.559	0.385	6.0	20.00
31957	40.8335	116.0966	-211.0	424	TS3	0	0	0	0	70	40.8	2512	82	125	185	1.524	0.676	0.443	6.1	20.00
31958	40.8335	116.0959	-206.3	431	TS3	0	0	0	0	70	41.0	2552	83	121	214	1.458	0.565	0.388	6.2	20.00
31959	40.8335	116.0953	-204.1	442	TS3	0	0	0	0	75	41.2	2534	68	153	212	2.250	0.722	0.321	6.3	20.00
31960	40.8335	116.0946	-203.9	455	TS3	0	0	0	0	79	41.5	2496	73	102	192	1.397	0.531	0.380	6.3	20.00
31961	40.8335	116.0939	-204.4	463	TS3	0	0	0	0	70	41.7	2488	79	97	176	1.228	0.551	0.449	6.3	20.00
31962	40.8335	116.0933	-204.4	480	TS3	0	0	0	0	77	42.1	2620	68	168	182	2.471	0.923	0.374	6.4	20.00
31963	40.8335	116.0926	-204.5	494	TS3	0	0	0	0	63	42.4	2582	71	97	217	1.366	0.447	0.327	6.3	20.00
31964	40.8335	116.0920	-203.9	492	TS3	0	0	0	0	67	42.3	2507	70	97	196	1.386	0.495	0.357	6.3	20.00
31965	40.8335	116.0913	-202.5	491	TS3	0	0	0	0	69	42.3	2555	85	97	186	1.141	0.522	0.457	6.3	20.00
31966	40.8335	116.0906	-199.7	486	TS3	0	0	0	0	77	42.2	2573	59	155	214	2.627	0.724	0.276	6.4	20.00
31967	40.8335	116.0900	-196.6	479	TS3	0	0	0	0	69	42.1	2575	87	120	167	1.379	0.719	0.521	6.4	20.00
31968	40.8335	116.0893	-193.9	471	TS3	0	0	0	0	73	41.9	2582	91	44	244	0.484	0.180	0.373	6.4	20.00
31969	40.8335	116.0887	-196.0	470	TS3	0	0	0	0	65	41.9	2602	64	171	172	2.672	0.994	0.372	6.4	20.00
31970	40.8335	116.0880	-200.9	470	TS3	0	0	0	0	75	41.9	2580	74	97	211	1.311	0.460	0.351	6.4	20.00
31971	40.8335	116.0873	-202.6	466	TS3	0	0	0	0	69	41.8	2632	78	79	235	1.013	0.336	0.332	6.4	20.00
31972	40.8335	116.0867	-202.3	453	TS3	0	0	0	0	64	41.5	2493	59	118	201	2.000	0.587	0.294	6.5	20.00
31973	40.8335	116.0860	-201.5	444	TS3	0	0	0	0	63	41.3	2552	60	168	214	2.800	0.785	0.280	6.6	20.00
31974	40.8335	116.0854	-200.2	437	TS3	0	0	0	0	86	41.2	2536	65	125	223	1.923	0.561	0.291	6.7	20.00
31975	40.8335	116.0847	-198.9	433	TS3	0	0	0	0	70	41.1	2546	77	81	201	1.052	0.403	0.383	6.7	20.00
31976	40.8335	116.0840	-198.3	427	TS3	0	0	0	0	72	40.9	2502	74	183	145	2.473	1.262	0.510	6.8	20.00
31977	40.8335	116.0834	-197.8	421	TS3	0	0	0	0	79	40.8	2523	80	90	211	1.125	0.427	0.379	6.8	20.00
31978	40.8335	116.0827	-196.7	416	TS3	0	0	0	0	71	40.7	2519	74	117	196	1.581	0.597	0.378	6.9	20.00
31979	40.8335	116.0821	-195.7	410	TS3	0	0	0	0	64	40.5	2480	67	80	218	1.194	0.367	0.307	6.9	20.00
31980	40.8335	116.0814	-191.9	398	TS3	0	0	0	0	70	40.3	2434	54	178	166	3.296	1.072	0.325	6.9	20.00
31981	40.8335	116.0807	-188.0	374	TS3	0	0	0	0	73	39.7	2380	71	102	156	1.437	0.654	0.455	7.0	20.00
31982	40.8335	116.0801	-182.8	358	TS3	0	0	0	0	69	39.3	2307	62	123	161	1.984	0.764	0.385	7.1	20.00
31983	40.8335	116.0794	-177.4	362	TS3	0	0	0	0	78	39.4	2381	32	167	214	5.219	0.780	0.150	7.1	20.00
31984	40.8335	116.0788	-175.7	376	TS3	0	0	0	0	69	39.7	2472	66	110	211	1.667	0.521	0.313	7.1	20.00
31985	40.8335	116.0781	-173.5	382	TS3	0	0	0	0	72	39.9	2456	84	31	206	0.369	0.150	0.408	7.1	20.00
31986	40.8335	116.0774	-170.7	379	TS3	0	0	0	0	74	39.8	2414	59	124	170	2.102	0.729	0.347	7.2	20.00
31987	40.8335	116.0768	-169.6	377	TS3	0	0	0	0	74	39.8	2419	77	103	194	1.338	0.531	0.397	7.2	20.00
31988	40.8335	116.0761	-167.2	374	TS3	0	0	0	0	75	39.7	2407	56	113	225	2.018	0.502	0.249	7.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
31989	40.8335	116.0754	-165.4	368	TS3	0	0	0	0	74	39.5	2477	75	110	211	1.467	0.521	0.355	7.2	20.00
31990	40.8335	116.0748	-164.3	364	TS3	0	0	0	0	69	37.8	2401	62	99	210	1.597	0.471	0.295	7.1	20.00
31991	40.8335	116.0741	-162.3	359	TS3	0	0	0	0	74	37.7	2482	83	62	222	0.747	0.279	0.374	7.1	20.00
31992	40.8334	116.0736	-160.5	351	TS3	0	0	0	0	62	37.5	2447	70	150	172	2.143	0.872	0.407	7.1	20.00
31993	40.8334	116.0731	-159.2	338	TS3	0	0	0	0	74	37.2	2348	73	71	200	0.973	0.355	0.365	7.1	20.00
31994	40.8334	116.0725	-157.2	322	TS3	0	0	0	0	74	36.8	2297	63	59	215	0.937	0.274	0.293	7.1	20.00
31995	40.8334	116.0720	-156.9	304	TS3	0	0	0	0	70	36.4	2309	63	127	199	2.016	0.638	0.317	7.2	20.00
31996	40.8334	116.0715	-157.6	293	TS3	0	0	0	0	72	36.1	2197	73	107	163	1.466	0.656	0.448	7.2	20.00
31997	40.8334	116.0709	-158.2	300	TS3	0	0	0	0	66	36.3	2253	67	108	210	1.612	0.514	0.319	7.2	20.00
31998	40.8334	116.0704	-159.3	299	TS3	0	0	0	0	75	36.2	2205	60	97	209	1.617	0.464	0.287	7.3	20.00
31999	40.8333	116.0699	-160.9	298	TS3	0	0	0	0	66	36.2	2269	69	38	216	0.551	0.176	0.319	7.3	20.00
32000	40.8333	116.0693	-164.5	306	TS3	0	0	0	0	68	36.4	2241	68	82	192	1.206	0.427	0.354	7.4	20.00
32001	40.8333	116.0688	-168.5	314	TS3	0	0	0	0	70	36.6	2213	62	142	144	2.290	0.986	0.431	7.5	20.00
32002	40.8333	116.0683	-173.0	320	TS3	0	0	0	0	67	36.8	2094	57	32	212	0.561	0.151	0.269	7.4	20.00
32003	40.8333	116.0677	-177.1	327	TS3	0	0	0	0	77	36.9	2144	58	68	201	1.172	0.338	0.289	7.4	20.00
32004	40.8333	116.0672	-179.1	339	TS3	0	0	0	0	64	37.2	2144	67	88	162	1.313	0.543	0.414	7.4	20.00
32005	40.8333	116.0667	-182.3	356	TS3	0	0	0	0	65	37.6	2120	65	173	107	2.662	1.617	0.607	7.3	20.00
32006	40.8332	116.0661	-185.5	375	TS3	0	0	0	0	69	38.1	2155	48	90	188	1.875	0.479	0.255	7.2	20.00
32007	40.8332	116.0656	-186.5	384	TS3	0	0	0	0	72	38.3	2134	54	82	178	1.519	0.461	0.303	7.2	20.00
32008	40.8332	116.0651	-186.5	401	TS3	0	0	0	0	73	38.7	2124	73	102	125	1.397	0.816	0.584	7.2	20.00
32009	40.8332	116.0645	-188.7	422	TS3	0	0	0	0	76	39.6	2156	62	77	177	1.242	0.435	0.350	7.1	20.00
32010	40.8332	116.0640	-190.3	448	TS3	0	0	0	0	71	40.2	2156	56	80	145	1.429	0.552	0.386	7.1	20.00
32011	40.8332	116.0635	-191.9	479	TS3	0	0	0	0	72	40.8	2164	66	30	220	0.455	0.136	0.300	7.1	20.00
32012	40.8331	116.0629	-192.4	494	TS3	0	0	0	0	63	41.2	2242	59	91	184	1.542	0.495	0.321	7.1	20.00
32013	40.8331	116.0624	-194.2	496	TS3	0	0	0	0	61	41.2	2236	70	51	190	0.729	0.268	0.368	7.1	20.00
32014	40.8331	116.0619	-194.1	496	TS3	0	0	0	0	75	41.2	2315	66	104	162	1.576	0.642	0.407	7.0	20.00
32015	40.8331	116.0613	-192.9	497	TS3	0	0	0	0	67	41.2	2245	63	93	195	1.476	0.477	0.323	7.0	20.00
32016	40.8331	116.0608	-192.3	494	TS3	0	0	0	0	72	41.2	2292	63	63	198	1.000	0.318	0.318	7.0	20.00
32017	40.8331	116.0603	-192.8	480	TS3	0	0	0	0	76	40.9	2259	66	128	147	1.939	0.871	0.449	7.1	20.00
32018	40.8331	116.0597	-192.7	471	TS3	0	0	0	0	64	40.7	2277	64	124	154	1.938	0.805	0.416	7.1	20.00
32019	40.8330	116.0592	-194.9	490	TS3	0	0	0	0	76	41.1	2298	55	115	158	2.091	0.728	0.348	7.1	20.00
32020	40.8330	116.0587	-195.6	487	TS3	0	0	0	0	65	41.0	2399	76	73	193	0.961	0.378	0.394	7.1	20.00
32021	40.8330	116.0581	-197.4	456	TS3	0	0	0	0	77	40.3	2329	59	141	152	2.390	0.928	0.388	7.1	20.00
32022	40.8330	116.0576	-197.0	429	TS3	0	0	0	0	76	39.8	2164	64	55	158	0.859	0.348	0.405	7.1	20.00
32023	40.8330	116.0571	-197.1	427	TS3	0	0	0	0	75	39.7	2183	43	65	237	1.512	0.274	0.181	7.0	20.00
32024	40.8330	116.0565	-199.3	423	TS3	0	0	0	0	69	39.6	2159	44	113	150	2.568	0.753	0.293	7.0	20.00
32025	40.8330	116.0560	-200.9	418	TS3	0	0	0	0	67	39.5	2095	57	91	191	1.596	0.476	0.298	7.0	20.00
32026	40.8329	116.0555	-201.7	422	TS3	0	0	0	0	70	39.6	2150	52	78	179	1.500	0.436	0.291	7.0	20.00
32027	40.8329	116.0549	-204.0	436	TS3	0	0	0	0	66	39.9	2133	72	101	127	1.403	0.795	0.567	7.0	20.00
32028	40.8329	116.0544	-203.7	450	TS3	0	0	0	0	70	37.9	2306	77	127	143	1.716	0.888	0.517	7.0	20.00
32029	40.8329	116.0538	-204.7	462	TS3	0	0	0	0	66	38.2	2364	65	159	155	2.446	1.026	0.419	7.0	20.00
32030	40.8329	116.0533	-205.5	472	TS3	0	0	0	0	69	38.4	2268	57	141	145	2.474	0.972	0.393	6.9	20.00
32031	40.8329	116.0528	-205.8	481	TS3	0	0	0	0	71	38.5	2300	59	119	186	2.017	0.640	0.317	8.8	20.00
32032	40.8328	116.0522	-207.6	485	TS3	0	0	0	0	67	38.6	2480	69	88	215	1.275	0.409	0.321	8.5	20.00
*32033	40.8328	116.0517	-209.1	495	TS3	0	0	0	0	67	38.8	2277	77	52	198	0.675	0.263	0.389	12.5	20.00
32034	40.8328	116.0512	-212.0	495	TS3	0	0	0	0	68	38.8	2274	55	106	186	1.927	0.570	0.296	6.7	20.00
32035	40.8328	116.0506	-215.6	497	TS3	0	0	0	0	62	38.9	2220	55	103	180	1.873	0.572	0.306	6.3	20.00
32036	40.8328	116.0501	-217.4	499	TS3	0	0	0	0	74	38.9	2172	65	93	142	1.431	0.655	0.458	7.6	20.00
32037	40.8328	116.0496	-217.5	500	TS3	0	0	0	0	75	38.9	2127	56	122	113	2.179	1.080	0.496	4.1	20.00
32038	40.8328	116.0490	-218.0	514	TS3	0	0	0	0	73	39.2	2161	73	78	147	1.068	0.531	0.497	5.2	20.00
32039	40.8327	116.0485	-218.2	526	TS3	0	0	0	0	62	39.4	2132	61	108	130	1.770	0.831	0.469	3.3	20.00
32040	40.8327	116.0480	-219.2	541	TS3	0	0	0	0	64	39.7	2228	49	68	222	1.388	0.306	0.221	1.5	20.00
32041	40.8327	116.0474	-220.3	579	TS3	0	0	0	0	67	40.4	2221	64	98	155	1.531	0.632	0.413	3.4	20.00
32042	40.8327	116.0469	-220.3	592	TS3	0	0	0	0	70	40.6	2190	49	81	136	1.653	0.596	0.360	5.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
32043	40.8327	116.0464	-221.6	568	TS3	0	0	0	0	77	40.2	2284	50	110	150	2.200	0.733	0.333	5.1	20.00
32044	40.8327	116.0458	-222.1	544	TS3	0	0	0	0	75	39.8	2236	57	62	174	1.088	0.356	0.328	5.8	20.00
32045	40.8327	116.0453	-223.3	500	TS3	0	0	0	0	76	38.9	2075	58	47	167	0.810	0.281	0.347	9.6	20.00
32046	40.8326	116.0448	-223.1	485	TS3	0	0	0	0	69	38.6	2303	61	51	216	0.836	0.236	0.282	6.4	20.00
32047	40.8326	116.0442	-220.3	439	TS3	0	0	0	0	81	37.7	2309	62	104	190	1.677	0.547	0.326	6.6	20.00
32048	40.8326	116.0437	-217.6	387	TS3	0	0	0	0	65	36.6	2275	65	129	178	1.985	0.725	0.365	10.5	20.00
32049	40.8326	116.0432	-214.9	340	TS3	0	0	0	0	75	35.5	2470	67	153	218	2.284	0.702	0.307	10.2	20.00
32050	40.8326	116.0426	-214.8	334	TS3	0	0	0	0	69	35.4	2449	59	99	235	1.678	0.421	0.251	14.3	20.00
32051	40.8326	116.0421	-214.0	322	TS3	0	0	0	0	66	35.1	2392	56	137	215	2.446	0.637	0.260	9.9	20.00
32052	40.8325	116.0416	-212.3	324	TS3	0	0	0	0	66	35.2	2377	81	52	233	0.642	0.223	0.348	4.3	20.00
32053	40.8325	116.0410	-212.9	331	TS3	0	0	0	0	62	35.3	2422	74	94	240	1.270	0.392	0.308	3.9	20.00
32054	40.8325	116.0405	-215.2	365	TS3	0	0	0	0	73	36.1	2537	57	196	178	3.439	1.101	0.320	9.1	20.00
32055	40.8325	116.0400	-212.9	381	TS3	0	0	0	0	77	36.5	2545	90	65	208	0.722	0.313	0.433	4.9	20.00
32056	40.8325	116.0394	-212.1	396	TS3	0	0	0	0	80	36.8	2589	55	119	271	2.164	0.439	0.203	5.7	20.00
32057	40.8325	116.0389	-212.4	407	TS3	0	0	0	0	67	37.0	2607	64	122	250	1.906	0.488	0.256	7.5	20.00
32058	40.8325	116.0384	-214.6	424	TS3	0	0	0	0	71	37.4	2636	79	48	265	0.608	0.181	0.298	10.1	20.00
32059	40.8324	116.0378	-214.0	450	TS3	0	0	0	0	73	37.9	2582	52	152	218	2.923	0.697	0.239	2.2	20.00
32060	40.8324	116.0373	-210.9	469	TS3	0	0	0	0	74	38.3	2615	59	90	266	1.525	0.338	0.222	7.8	20.00
32061	40.8324	116.0368	-208.7	450	TS3	0	0	0	0	68	37.9	2421	36	132	239	3.667	0.552	0.151	10.5	20.00
32062	40.8324	116.0362	-206.2	441	TS3	0	0	0	0	66	37.7	2404	61	151	173	2.475	0.873	0.353	11.3	20.00
32063	40.8324	116.0357	-203.3	433	TS3	0	0	0	0	75	37.6	2367	52	145	192	2.788	0.755	0.271	5.7	20.00
32064	40.8324	116.0352	-202.1	415	TS3	0	0	0	0	68	37.2	2175	74	56	172	0.757	0.326	0.430	2.8	20.00
32065	40.8324	116.0346	-200.7	412	TS3	0	0	0	0	71	37.1	2119	52	97	165	1.865	0.588	0.315	4.0	20.00
32066	40.8323	116.0341	-201.5	455	TS3	0	0	0	0	79	38.0	2263	52	76	210	1.462	0.362	0.248	5.8	20.00
32067	40.8323	116.0336	-202.0	488	TS3	0	0	0	0	70	38.7	2227	58	113	165	1.948	0.685	0.352	10.4	20.00
32068	40.8323	116.0330	-201.8	497	TS3	0	0	0	0	63	38.9	2274	68	112	176	1.647	0.636	0.386	8.0	20.00
32069	40.8323	116.0325	-203.9	498	TS3	0	0	0	0	67	38.9	2191	40	138	153	3.450	0.902	0.261	3.4	20.00
32070	40.8323	116.0320	-206.2	507	TS3	0	0	0	0	75	39.1	2162	32	131	150	4.094	0.873	0.213	8.1	20.00
32071	40.8323	116.0314	-210.9	532	TS3	0	0	0	0	73	39.5	2241	46	46	196	1.000	0.235	0.235	5.7	20.00
32072	40.8322	116.0309	-214.8	552	TS3	0	0	0	0	67	39.9	2304	29	80	235	2.759	0.340	0.123	5.9	20.00
32073	40.8322	116.0304	-218.3	560	TS3	0	0	0	0	69	40.1	2351	70	57	194	0.814	0.294	0.361	5.5	20.00
32074	40.8322	116.0298	-220.5	554	TS3	0	0	0	0	74	39.9	2326	44	104	181	2.364	0.575	0.243	5.5	20.00
32075	40.8322	116.0293	-224.1	554	QA3	0	0	0	0	72	39.9	2344	39	146	196	3.744	0.745	0.199	9.1	20.00
32076	40.8322	116.0288	-226.4	562	QA3	0	0	0	0	71	40.1	2370	45	111	183	2.467	0.607	0.246	8.6	20.00
32077	40.8322	116.0282	-227.3	558	QA3	0	0	0	0	68	40.0	2432	62	90	198	1.452	0.455	0.313	4.5	20.00
32078	40.8322	116.0277	-230.2	549	QA3	0	0	0	0	70	39.8	2311	42	138	196	3.286	0.704	0.214	5.1	20.00
32079	40.8321	116.0272	-231.3	547	QA3	0	0	1	0	75	39.8	2150	64	-23	223	-0.359	-0.103	0.287	6.0	20.00
32080	40.8321	116.0266	-231.5	543	QA3	0	0	1	0	75	39.7	2248	55	18	255	0.327	0.071	0.216	4.4	20.00

1 GEODATA INT. INC. SINGLE REC LISTING WINNEMUCCA MAP LINE 20

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
341	40.8828	118.0023	-213.1	396	QYA	0	0	0	0	50	32.3	1990	53	176	156	3.321	1.128	0.340	12.1	20.00
342	40.8828	118.0017	-213.9	396	QYA	0	0	0	0	43	32.3	2025	70	101	170	1.443	0.594	0.412	12.1	20.00
343	40.8828	118.0011	-216.3	396	QYA	0	0	0	0	25	32.3	2018	74	41	239	0.554	0.172	0.310	12.2	20.00
344	40.8828	118.0004	-214.7	391	QYA	0	0	0	0	45	32.2	1958	60	108	166	1.800	0.651	0.361	12.1	20.00
345	40.8828	118.0004	-215.8	387	QYA	0	0	0	0	37	32.2	1973	52	151	197	2.904	0.766	0.264	12.1	20.00
346	40.8828	117.9992	-214.8	386	QYA	0	0	0	0	43	32.1	2005	60	111	184	1.850	0.603	0.326	12.1	20.00
347	40.8828	117.9986	-216.2	382	QYA	0	0	0	0	54	32.1	2038	63	69	214	1.095	0.322	0.294	12.0	20.00
348	40.8828	117.9980	-212.9	383	QYA	0	0	0	0	43	32.1	2058	69	114	203	1.652	0.562	0.340	12.1	20.00
349	40.8828	117.9974	-212.3	383	QYA	0	0	0	0	60	32.1	2004	68	68	221	1.000	0.308	0.308	12.2	20.00
350	40.8828	117.9968	-214.2	374	QYA	0	0	0	0	36	31.9	2028	68	72	216	1.059	0.333	0.315	12.2	20.00
351	40.8828	117.9962	-213.9	370	QYA	0	0	0	0	40	31.8	2009	50	108	231	2.160	0.468	0.216	12.2	20.00
352	40.8828	117.9955	-214.6	364	QYA	0	0	0	0	40	31.7	2060	69	106	198	1.536	0.535	0.348	12.1	20.00
353	40.8828	117.9949	-222.5	363	QYA	0	0	0	0	31	31.7	2045	65	99	193	1.523	0.513	0.337	12.1	20.00
354	40.8828	117.9943	-216.3	367	QYA	0	0	0	0	41	31.8	2011	50	88	246	1.760	0.358	0.203	12.1	20.00
355	40.8828	117.9937	-214.7	373	QYA	0	0	0	0	43	31.9	2025	70	141	168	2.014	0.839	0.417	12.2	20.00
356	40.8828	117.9931	-218.5	377	QYA	0	0	0	0	47	32.0	1992	66	76	196	1.152	0.388	0.337	12.2	20.00
357	40.8828	117.9925	-217.9	378	QYA	0	0	0	0	44	32.0	1972	47	79	234	1.681	0.338	0.201	12.3	20.00
358	40.8828	117.9919	-216.5	383	QYA	0	0	0	0	27	32.1	2039	46	123	220	2.674	0.559	0.209	12.3	20.00
359	40.8828	117.9912	-222.0	395	QYA	0	0	0	0	42	32.3	1971	55	64	243	1.164	0.263	0.226	12.3	20.00
360	40.8828	117.9906	-224.6	400	QYA	0	0	0	0	40	32.4	2017	46	105	214	2.283	0.491	0.215	12.3	20.00
361	40.8828	117.9900	-229.5	400	QYA	0	0	0	0	42	32.4	2170	61	105	262	1.721	0.401	0.233	12.3	20.00
362	40.8828	117.9894	-228.6	399	QYA	0	0	0	0	39	30.3	1985	55	103	191	1.873	0.539	0.288	12.4	20.00
363	40.8828	117.9888	-231.8	400	QYA	0	0	0	0	51	30.3	2007	57	32	270	0.561	0.119	0.211	12.5	20.00
364	40.8828	117.9882	-232.6	403	QYA	0	0	0	0	58	30.4	1924	54	56	227	1.037	0.247	0.238	12.5	20.00
365	40.8828	117.9876	-234.7	406	QYA	0	0	0	0	38	30.4	2109	57	62	262	1.088	0.237	0.218	12.6	20.00
366	40.8828	117.9869	-232.4	406	QYA	0	0	0	0	38	30.4	1914	57	105	193	1.842	0.544	0.295	12.5	20.00
367	40.8828	117.9863	-229.0	404	QYA	0	0	0	0	43	30.4	1933	53	134	150	2.528	0.893	0.353	12.5	20.00
368	40.8828	117.9857	-226.9	408	QYA	0	0	0	0	52	30.4	2039	47	135	207	2.872	0.652	0.227	12.5	20.00
369	40.8828	117.9851	-231.0	409	QYA	0	0	0	0	31	30.5	2017	53	85	253	1.604	0.336	0.209	12.6	20.00
370	40.8828	117.9845	-231.0	400	QYA	0	1	1	1	35	21.4	2000	50	90	100	1.800	0.900	0.500	-17.8	20.00
370	40.8828	117.9845	-231.0	400	QYA	0	1	1	1	35	21.4	2000	50	90	100	1.800	0.900	0.500	-17.8	20.00
1332	40.8828	117.9839	-231.0	400	QYA	0	1	1	1	35	21.4	2000	50	90	100	1.800	0.900	0.500	-17.8	20.00
375	40.8828	117.9833	-231.0	400	QYA	0	1	1	0	35	21.6	3161	50	90	100	1.800	0.900	0.500	-13.7	20.01
376	40.8828	117.9827	-231.0	400	QYA	0	1	1	0	35	21.6	3161	50	90	100	1.800	0.900	0.500	-13.7	20.01
377	40.8828	117.9814	-234.7	396	QYA	0	0	0	0	39	30.2	1678	49	121	128	2.469	0.945	0.383	12.7	20.00
378	40.8828	117.9808	-240.6	389	QYA	0	0	0	0	42	30.1	1732	51	97	127	1.902	0.764	0.402	12.7	20.00
379	40.8828	117.9802	-240.1	377	QYA	0	0	0	0	43	29.9	1651	41	88	134	2.146	0.657	0.306	12.6	20.00
380	40.8828	117.9796	-241.8	370	QYA	0	0	0	0	46	29.8	1759	50	73	163	1.460	0.448	0.307	12.6	20.00
381	40.8828	117.9790	-237.2	369	QYA	0	0	0	0	40	28.9	1744	56	50	153	0.893	0.327	0.366	12.7	20.00
382	40.8828	117.9784	-237.6	364	QYA	0	0	0	0	55	28.8	1732	49	117	118	2.388	0.992	0.415	12.7	20.00
383	40.8828	117.9777	-235.8	363	QYA	0	0	1	0	51	28.8	1763	59	7	201	0.119	0.035	0.294	12.7	20.00
384	40.8828	117.9771	-237.4	365	QYA	0	0	0	0	33	28.8	1745	48	114	143	2.375	0.797	0.336	12.8	20.00
385	40.8828	117.9765	-237.5	365	QYA	0	0	0	0	43	28.8	1809	46	29	230	0.630	0.126	0.200	12.8	20.00
386	40.8828	117.9759	-234.7	363	QYA	0	0	0	0	37	28.8	1877	57	62	204	1.088	0.304	0.279	12.8	20.00
387	40.8828	117.9753	-237.9	359	QYA	0	0	0	0	38	28.7	1937	60	72	206	1.200	0.350	0.291	12.8	20.00
388	40.8828	117.9747	-241.3	353	QYA	0	0	0	0	37	28.6	1961	62	131	193	2.113	0.679	0.321	12.8	20.00
389	40.8828	117.9741	-237.1	332	QYA	0	0	0	0	55	28.2	1988	61	117	173	1.918	0.676	0.353	12.7	20.00
390	40.8828	117.9734	-233.0	302	QYA	0	0	0	0	44	27.6	1982	49	138	202	2.816	0.683	0.243	12.9	20.00
391	40.8828	117.9728	-229.2	297	QYA	0	0	0	0	24	27.5	2006	58	118	221	2.034	0.534	0.262	12.9	20.00
392	40.8828	117.9722	-229.1	295	QYA	0	0	0	0	43	27.5	2010	65	68	254	1.046	0.268	0.256	12.9	20.00
393	40.8828	117.9716	-230.7	295	QYA	0	0	0	0	33	27.5	1940	63	97	199	1.540	0.487	0.317	12.9	20.00
394	40.8828	117.9710	-231.3	295	QYA	0	0	0	0	35	27.5	1909	50	159	197	3.180	0.807	0.254	12.9	20.00
395	40.8828	117.9704	-232.5	292	QYA	0	0	0	0	41	27.4	2032	64	124	205	1.938	0.605	0.312	12.9	20.00
396	40.8828	117.9698	-232.4	291	QYA	0	0	0	0	34	27.4	2045	64	156	198	2.438	0.788	0.323	12.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
397	40.8828	117.9691	-233.7	295	QYA	0	0	0	0	46	27.5	2083	61	164	197	2.689	0.832	0.310	12.9	20.00
398	40.8828	117.9685	-231.6	301	QYA	0	0	0	0	51	27.6	1976	58	90	205	1.552	0.439	0.283	12.9	20.00
399	40.8828	117.9679	-233.9	306	QYA	0	0	0	0	38	27.7	1989	58	114	212	1.966	0.538	0.274	12.9	20.00
400	40.8828	117.9673	-231.0	317	QYA	0	0	0	0	29	23.0	2009	57	127	202	2.228	0.629	0.282	13.0	20.00
401	40.8828	117.9667	-229.6	324	QYA	0	0	0	0	35	23.2	1979	65	126	210	1.938	0.600	0.310	13.0	20.00
402	40.8828	117.9661	-233.4	327	QYA	0	0	0	0	40	23.2	1907	61	107	194	1.754	0.552	0.314	13.0	20.00
403	40.8829	117.9655	-229.7	333	QYA	0	0	0	0	38	23.3	1957	57	127	206	2.228	0.617	0.277	13.0	20.00
404	40.8829	117.9649	-230.0	345	QYA	0	0	0	0	31	23.5	1942	63	177	153	2.810	1.157	0.412	13.0	20.00
405	40.8829	117.9642	-230.3	358	QYA	0	0	0	0	46	23.7	2020	49	108	241	2.204	0.448	0.203	13.0	20.00
406	40.8829	117.9636	-229.6	373	QYA	0	0	0	0	30	23.9	2054	78	68	213	0.872	0.319	0.366	13.0	20.00
407	40.8829	117.9630	-230.6	382	QYA	0	0	0	0	36	24.0	1977	54	130	193	2.407	0.674	0.280	13.0	20.00
408	40.8829	117.9624	-225.7	387	QYA	0	0	0	0	38	24.1	2017	66	97	227	1.470	0.427	0.291	12.9	20.00
409	40.8829	117.9618	-225.1	393	QYA	0	0	0	0	44	24.2	2040	47	127	224	2.702	0.567	0.210	13.0	20.00
410	40.8829	117.9612	-223.7	396	QYA	0	0	0	0	38	24.2	1988	56	74	236	1.321	0.314	0.237	13.0	20.00
411	40.8829	117.9606	-224.6	395	QYA	0	0	0	0	35	24.2	2043	71	65	238	0.915	0.273	0.298	13.1	20.00
412	40.8829	117.9599	-222.7	397	QYA	0	0	0	0	43	24.2	2019	68	107	218	1.574	0.491	0.312	13.1	20.00
413	40.8829	117.9593	-221.1	396	QYA	0	0	0	0	49	24.2	1947	56	81	197	1.446	0.411	0.284	13.1	20.00
414	40.8829	117.9587	-219.5	393	QYA	0	0	0	0	48	24.2	1959	52	166	155	3.192	1.071	0.335	13.1	20.00
415	40.8829	117.9581	-215.9	389	QYA	0	0	0	0	60	24.1	2052	60	103	204	1.717	0.505	0.294	13.0	20.00
416	40.8829	117.9575	-211.0	390	QYA	0	0	0	0	38	24.1	2041	74	44	237	0.595	0.186	0.312	12.9	20.00
417	40.8829	117.9569	-207.5	385	QYA	0	0	0	0	45	24.1	2058	64	154	173	2.406	0.890	0.370	13.0	20.00
418	40.8829	117.9563	-201.6	384	QYA	0	0	0	0	31	24.1	2020	61	107	195	1.754	0.549	0.313	13.0	20.00
419	40.8829	117.9556	-197.8	381	QYA	0	0	0	0	46	23.7	1980	60	118	167	1.967	0.707	0.359	13.0	20.00
420	40.8829	117.9550	-196.4	382	QYA	0	0	0	0	55	23.7	1912	50	72	211	1.440	0.341	0.237	13.0	20.00
421	40.8829	117.9544	-193.3	382	QYA	0	0	0	0	43	23.7	2055	72	75	201	1.042	0.373	0.358	13.0	20.00
422	40.8829	117.9538	-192.4	381	QYA	0	0	0	0	34	23.7	1976	64	112	223	1.750	0.502	0.287	13.0	20.00
423	40.8829	117.9532	-190.3	386	QYA	0	0	0	0	35	23.8	1959	63	48	241	0.762	0.199	0.261	12.9	20.00
424	40.8829	117.9526	-185.4	392	QYA	0	0	0	0	52	23.9	1932	50	167	168	3.340	0.994	0.298	13.0	20.00
425	40.8829	117.9520	-184.7	401	QYA	0	0	0	0	49	24.0	2032	67	129	169	1.925	0.763	0.396	13.1	20.00
426	40.8829	117.9513	-185.5	409	QYA	0	0	0	0	38	24.1	2038	71	92	230	1.296	0.400	0.309	13.1	20.00
427	40.8829	117.9507	-181.8	416	QYA	0	0	0	0	48	24.2	1982	49	156	206	3.184	0.757	0.238	13.1	20.00
428	40.8829	117.9501	-182.4	418	QYA	0	0	0	0	37	24.2	2005	58	139	185	2.397	0.751	0.314	13.1	20.00
429	40.8829	117.9495	-181.8	416	QYA	0	0	0	0	36	24.2	1985	57	99	204	1.737	0.485	0.279	13.1	20.00
430	40.8829	117.9489	-179.2	419	QYA	0	0	0	0	41	24.2	1998	60	136	174	2.267	0.782	0.345	13.1	20.00
431	40.8829	117.9483	-178.7	409	QYA	0	0	0	0	28	24.1	2055	55	143	194	2.600	0.737	0.284	13.0	20.00
432	40.8829	117.9477	-176.6	405	QYA	0	0	0	0	51	24.0	2007	53	110	193	2.075	0.570	0.275	13.0	20.00
433	40.8829	117.9471	-171.2	404	QYA	0	0	0	0	38	24.0	2053	64	138	178	2.156	0.775	0.360	13.0	20.00
434	40.8829	117.9464	-171.4	404	QYA	0	0	0	0	48	24.0	2048	56	163	172	2.911	0.948	0.326	13.1	20.00
435	40.8829	117.9458	-165.3	400	QYA	0	0	0	0	34	24.0	2060	58	151	157	2.603	0.962	0.369	13.1	20.00
436	40.8829	117.9452	-156.2	396	QYA	0	0	0	0	56	23.9	1967	61	135	164	2.213	0.823	0.372	13.0	20.00
437	40.8829	117.9446	-155.1	394	QYA	0	0	0	0	37	23.9	1996	54	98	205	1.815	0.478	0.263	13.1	20.00
438	40.8829	117.9440	-154.8	386	QYA	0	0	0	0	32	25.9	1958	57	83	237	1.456	0.350	0.241	13.0	20.00
439	40.8829	117.9434	-152.3	376	QYA	0	0	0	0	40	25.7	2005	68	143	176	2.103	0.813	0.386	13.0	20.00
440	40.8829	117.9428	-151.7	370	QYA	0	0	0	0	37	25.6	1963	56	105	194	1.875	0.541	0.289	13.0	20.00
441	40.8829	117.9421	-147.7	365	QYA	0	0	0	0	41	25.6	1943	53	122	205	2.302	0.595	0.259	13.0	20.00
442	40.8829	117.9415	-147.1	362	QYA	0	0	0	0	31	25.5	2016	61	98	233	1.607	0.421	0.262	12.9	20.00
443	40.8829	117.9409	-144.2	359	QYA	0	0	0	0	51	25.5	2006	59	107	217	1.814	0.493	0.272	12.9	20.00
444	40.8829	117.9403	-139.8	361	QYA	0	0	0	0	40	25.5	1989	58	144	190	2.483	0.758	0.305	12.9	20.00
445	40.8829	117.9397	-138.9	367	QYA	0	0	0	0	49	25.6	2005	65	82	199	1.262	0.412	0.327	12.9	20.00
446	40.8829	117.9391	-138.5	374	QYA	0	0	0	0	40	25.7	2005	56	132	204	2.357	0.647	0.275	13.0	20.00
447	40.8829	117.9385	-141.4	378	QYA	0	0	0	0	43	25.8	1915	64	164	125	2.563	1.312	0.512	13.1	20.00
448	40.8829	117.9378	-143.2	380	QYA	0	0	0	0	41	25.8	1941	63	101	179	1.603	0.564	0.352	13.0	20.00
449	40.8829	117.9372	-151.1	379	QYA	0	0	0	0	34	25.8	1980	57	111	229	1.947	0.485	0.249	13.0	20.00
450	40.8829	117.9366	-151.3	378	QYA	0	0	0	0	52	25.8	1883	54	76	196	1.407	0.388	0.276	13.0	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
451	40.8829	117.9360	-161.9	378	QYA	0	0	0	0	49	25.8	1909	46	137	179	2.978	0.765	0.257	12.8	20.00
452	40.8829	117.9354	-165.8	376	QYA	0	0	0	0	42	25.7	1919	53	106	196	2.000	0.541	0.270	12.9	20.00
453	40.8829	117.9348	-166.9	379	QYA	0	0	0	0	49	25.8	1952	53	117	174	2.208	0.672	0.305	12.9	20.00
454	40.8829	117.9342	-167.3	374	QYA	0	0	0	0	39	25.7	1842	50	156	161	3.120	0.969	0.311	12.9	20.00
455	40.8829	117.9336	-169.8	368	QYA	0	0	0	0	37	25.6	1832	53	141	145	2.660	0.972	0.366	12.9	20.00
456	40.8829	117.9330	-174.9	367	QYA	0	0	0	0	42	25.6	1861	53	120	165	2.264	0.727	0.321	12.8	20.00
457	40.8830	117.9324	-178.3	368	QYA	0	0	0	0	46	28.4	1825	36	130	197	3.611	0.660	0.183	12.9	20.00
458	40.8830	117.9318	-182.4	374	QYA	0	0	0	0	42	28.5	1914	55	122	172	2.218	0.709	0.320	12.8	20.00
459	40.8830	117.9312	-174.1	372	QYA	0	0	0	0	44	28.5	1855	61	65	209	1.066	0.311	0.292	12.8	20.00
460	40.8830	117.9306	-160.0	368	QYA	0	0	0	0	48	28.4	1887	58	75	189	1.293	0.397	0.307	12.8	20.00
461	40.8830	117.9300	-158.6	369	QYA	0	0	0	0	42	28.4	1834	41	155	147	3.780	1.054	0.279	12.9	20.00
462	40.8830	117.9294	-158.0	369	QYA	0	0	0	0	65	28.4	1917	42	132	203	3.143	0.650	0.207	12.9	20.00
463	40.8830	117.9288	-161.7	367	QYA	0	0	0	0	41	28.4	1923	60	103	164	1.717	0.628	0.366	12.9	20.00
464	40.8830	117.9282	-170.0	366	QYA	0	0	0	0	39	28.4	1940	66	69	201	1.045	0.343	0.328	12.9	20.00
465	40.8830	117.9276	-187.0	361	QYA	0	0	0	0	42	28.3	1919	62	108	169	1.742	0.639	0.367	12.8	20.00
466	40.8830	117.9270	-199.4	360	QYA	0	0	0	0	31	28.3	1948	71	85	200	1.197	0.425	0.355	12.8	20.00
467	40.8831	117.9264	-214.3	359	QYA	0	0	0	0	35	28.3	1940	51	126	184	2.471	0.685	0.277	12.8	20.00
468	40.8831	117.9258	-223.3	350	QYA	0	0	0	0	48	28.1	2023	63	98	213	1.556	0.460	0.296	12.8	20.00
469	40.8831	117.9252	-230.9	344	QYA	0	0	0	0	53	28.0	1937	45	159	165	3.533	0.964	0.273	12.8	20.00
470	40.8831	117.9246	-236.6	340	QYA	0	0	0	0	44	27.9	1978	53	124	211	2.340	0.588	0.251	12.8	20.00
471	40.8831	117.9240	-239.0	336	QYA	0	0	1	0	43	27.8	1973	76	20	271	0.263	0.074	0.280	12.8	20.00
472	40.8831	117.9234	-246.7	330	QYA	0	0	0	0	38	27.8	1928	62	133	181	2.145	0.735	0.343	12.8	20.00
473	40.8831	117.9228	-251.9	327	QYA	0	0	0	0	46	27.7	1952	43	131	203	3.047	0.645	0.212	12.8	20.00
474	40.8831	117.9222	-253.8	325	QYA	0	0	0	0	48	27.7	1944	70	64	201	0.914	0.318	0.348	12.7	20.00
475	40.8831	117.9215	-254.4	325	QYA	0	0	0	0	50	27.6	2037	62	84	205	1.355	0.410	0.302	12.8	20.00
476	40.8832	117.9209	-256.3	325	QYA	0	0	0	0	36	29.4	1990	57	78	220	1.368	0.355	0.259	12.7	20.00
477	40.8832	117.9203	-256.0	324	QYA	0	0	0	0	30	29.4	1961	55	132	193	2.400	0.684	0.285	12.8	20.00
478	40.8832	117.9197	-258.1	322	QYA	0	0	0	0	44	29.3	1999	59	91	237	1.542	0.384	0.249	12.7	20.00
479	40.8832	117.9191	-258.8	319	QYA	0	0	0	0	44	29.3	2005	73	87	189	1.192	0.460	0.386	12.7	20.00
480	40.8832	117.9185	-257.2	317	QYA	0	0	0	0	48	29.2	1996	50	101	230	2.020	0.439	0.217	12.7	20.00
481	40.8832	117.9179	-259.6	318	QYA	0	0	0	0	48	29.2	1986	67	132	171	1.970	0.772	0.392	12.7	20.00
482	40.8832	117.9173	-261.4	319	QYA	0	0	0	0	46	29.3	2013	71	52	225	0.732	0.231	0.316	12.7	20.00
483	40.8832	117.9167	-261.3	319	QYA	0	0	0	0	35	29.3	2008	54	59	263	1.093	0.224	0.205	12.8	20.00
484	40.8832	117.9161	-262.2	323	QYA	0	0	0	0	38	29.3	1919	51	76	199	1.490	0.382	0.256	12.8	20.00
485	40.8832	117.9155	-265.5	328	QYA	0	0	0	0	38	29.4	1940	68	95	186	1.397	0.511	0.366	12.8	20.00
486	40.8833	117.9149	-273.4	329	QYA	0	0	0	0	37	29.5	1992	68	157	177	2.309	0.887	0.384	12.8	20.00
487	40.8833	117.9143	-275.1	329	QYA	0	0	0	0	61	29.5	2033	62	66	243	1.065	0.272	0.255	12.7	20.00
488	40.8833	117.9137	-278.5	327	QYA	0	0	0	0	50	29.4	1943	57	103	190	1.807	0.542	0.300	12.7	20.00
489	40.8833	117.9131	-285.6	327	QYA	0	0	0	0	44	29.4	1987	68	126	159	1.853	0.792	0.428	12.6	20.00
490	40.8833	117.9125	-289.9	332	QYA	0	0	0	0	45	29.5	1927	51	148	182	2.902	0.813	0.280	12.6	20.00
491	40.8833	117.9119	-286.8	341	QYA	0	0	0	0	46	29.7	1932	53	116	202	2.189	0.574	0.262	12.7	20.00
492	40.8833	117.9113	-286.3	354	QYA	0	0	0	0	40	29.9	1874	46	100	208	2.174	0.481	0.221	12.8	20.00
493	40.8833	117.9107	-284.6	358	QYA	0	0	0	0	38	30.0	1976	62	117	182	1.887	0.643	0.341	12.9	20.00
494	40.8833	117.9101	-284.8	360	QYA	0	0	0	0	33	30.1	2047	82	100	170	1.220	0.588	0.482	12.9	20.00
495	40.8833	117.9095	-286.2	359	QYA	0	0	0	0	47	30.9	2033	64	105	178	1.641	0.590	0.360	12.9	20.00
496	40.8834	117.9089	-288.6	356	QYA	0	0	0	0	46	30.8	1975	71	111	176	1.563	0.631	0.403	12.7	20.00
497	40.8834	117.9083	-291.7	356	QYA	0	0	0	0	32	30.8	1974	52	154	173	2.962	0.890	0.301	12.7	20.00
498	40.8834	117.9077	-289.8	360	QYA	0	0	0	0	50	30.9	1953	68	86	187	1.265	0.460	0.364	12.8	20.00
499	40.8834	117.9071	-289.9	363	QYA	0	0	0	0	62	30.9	1933	54	142	183	2.630	0.776	0.295	12.9	20.00
500	40.8834	117.9065	-291.3	363	QYA	0	0	0	0	42	30.9	2043	68	97	230	1.426	0.422	0.296	12.9	20.00
501	40.8834	117.9059	-289.0	360	QYA	0	0	0	0	48	30.9	1974	49	63	226	1.286	0.279	0.217	12.8	20.00
502	40.8834	117.9053	-287.6	358	QYA	0	0	0	0	46	30.8	2013	59	93	209	1.576	0.445	0.282	12.8	20.00
503	40.8834	117.9047	-287.8	354	QYA	0	0	0	0	44	30.8	1966	39	153	193	3.923	0.793	0.202	12.7	20.00
504	40.8834	117.9041	-290.5	350	QYA	0	0	0	0	32	30.7	1991	79	65	186	0.823	0.349	0.425	12.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
505	40.8835	117.9035	-291.4	348	QYA	0	0	0	0	53	30.6	1965	57	109	169	1.912	0.645	0.337	12.8	20.00
506	40.8835	117.9029	-288.3	343	QYA	0	0	0	0	47	30.5	1893	44	66	229	1.500	0.288	0.192	12.8	20.00
507	40.8835	117.9023	-290.7	340	QYA	0	0	0	0	41	30.5	1924	59	39	244	0.661	0.160	0.242	12.8	20.00
508	40.8835	117.9017	-291.1	342	QYA	0	0	0	0	50	30.5	1901	57	76	220	1.333	0.345	0.259	12.8	20.00
509	40.8835	117.9011	-288.2	344	QYA	0	0	0	0	47	30.6	1912	55	113	191	2.055	0.592	0.288	12.8	20.00
510	40.8835	117.9005	-280.5	353	QYA	0	0	0	0	30	30.7	2014	48	136	218	2.833	0.624	0.220	12.9	20.00
511	40.8835	117.8998	-288.4	356	QYA	0	0	0	0	40	30.8	1903	63	97	190	1.540	0.511	0.332	13.0	20.00
512	40.8835	117.8992	-282.0	358	QYA	0	0	0	0	26	30.8	2019	75	72	219	0.960	0.329	0.342	13.0	20.00
513	40.8835	117.8986	-287.7	354	QYA	0	0	0	0	37	30.8	1953	50	99	203	1.980	0.488	0.246	13.0	20.00
514	40.8835	117.8980	-282.1	354	QYA	0	0	0	0	31	29.3	1946	53	125	211	2.358	0.592	0.251	13.1	20.00
515	40.8836	117.8974	-282.3	346	QYA	0	0	0	0	36	29.1	1954	73	80	202	1.096	0.396	0.361	13.1	20.00
516	40.8836	117.8968	-283.0	337	QYA	0	0	0	0	36	28.9	1971	56	148	181	2.643	0.818	0.309	13.1	20.00
517	40.8836	117.8962	-278.0	326	QYA	0	0	0	0	30	28.8	1922	57	174	168	3.053	1.036	0.339	13.0	20.00
518	40.8836	117.8956	-276.4	328	QYA	0	0	0	0	52	28.8	1897	48	87	207	1.813	0.420	0.232	13.0	20.00
519	40.8836	117.8950	-272.3	325	QYA	0	0	0	0	45	28.7	1917	61	136	170	2.230	0.800	0.359	13.0	20.00
520	40.8836	117.8944	-268.5	321	QYA	0	0	1	0	45	28.7	1965	58	18	251	0.310	0.072	0.231	12.9	20.00
521	40.8836	117.8938	-268.4	319	QYA	0	0	0	0	42	28.6	1903	54	113	174	2.093	0.649	0.310	13.0	20.00
522	40.8836	117.8932	-267.0	320	QYA	0	0	0	0	39	28.6	1915	56	112	187	2.000	0.599	0.299	13.0	20.00
523	40.8836	117.8926	-268.8	324	QYA	0	0	0	0	61	28.7	1963	64	100	212	1.563	0.472	0.302	13.2	20.00
524	40.8837	117.8920	-265.2	327	QYA	0	0	0	0	37	28.8	2047	54	182	151	3.370	1.205	0.358	13.1	20.00
525	40.8837	117.8914	-262.1	322	QYA	0	0	0	0	49	28.7	2005	70	87	185	1.243	0.470	0.378	13.1	20.00
526	40.8837	117.8908	-259.3	318	QYA	0	0	0	0	33	28.6	1954	56	136	191	2.429	0.712	0.293	13.1	20.00
527	40.8837	117.8902	-260.4	327	QYA	0	0	0	0	41	28.8	1953	48	122	196	2.542	0.622	0.245	13.1	20.00
528	40.8837	117.8896	-261.1	322	QYA	0	0	0	0	51	28.7	1936	45	133	211	2.956	0.630	0.213	13.1	20.00
529	40.8837	117.8890	-253.4	321	QYA	0	0	0	0	37	28.6	1990	52	64	234	1.231	0.274	0.222	13.1	20.00
530	40.8837	117.8884	-253.3	322	QYA	0	0	0	0	54	28.7	1951	57	99	188	1.737	0.527	0.303	13.2	20.00
531	40.8837	117.8878	-251.4	327	QYA	0	0	0	0	51	28.8	1956	60	146	147	2.433	0.993	0.408	13.2	20.00
532	40.8837	117.8872	-258.8	331	QYA	0	0	0	0	48	28.8	1969	71	110	178	1.549	0.618	0.399	13.2	20.00
533	40.8837	117.8866	-258.9	332	QYA	0	0	0	0	33	26.4	1940	62	131	184	2.113	0.712	0.337	13.1	20.00
534	40.8838	117.8860	-259.2	336	QYA	0	0	0	0	44	26.5	1993	76	32	211	0.421	0.152	0.360	13.2	20.00
535	40.8838	117.8854	-257.9	338	QYA	0	0	0	0	50	26.5	1948	47	117	204	2.489	0.574	0.230	13.3	20.00
536	40.8838	117.8848	-261.3	339	QYA	0	0	0	0	46	26.5	2008	54	119	205	2.204	0.580	0.263	13.3	20.00
537	40.8838	117.8842	-266.9	339	QYA	0	0	0	0	49	26.5	2037	55	91	227	1.655	0.401	0.242	13.3	20.00
538	40.8838	117.8836	-268.3	343	QYA	0	0	0	0	45	26.6	2024	50	121	216	2.420	0.560	0.231	13.3	20.00
539	40.8838	117.8830	-270.4	345	QYA	0	0	0	0	45	26.6	2006	57	58	265	1.018	0.219	0.215	13.3	20.00
540	40.8838	117.8824	-276.5	344	QYA	0	0	0	0	45	26.6	2048	74	116	197	1.568	0.589	0.376	13.4	20.00
541	40.8838	117.8818	-283.9	345	QYA	0	0	0	0	35	26.6	1956	58	164	173	2.828	0.948	0.335	13.3	20.00
542	40.8838	117.8812	-286.0	347	QYA	0	0	0	0	42	26.7	1943	52	112	217	2.154	0.516	0.240	13.3	20.00
543	40.8838	117.8806	-288.2	349	QYA	0	0	0	0	32	26.7	1971	74	96	204	1.297	0.471	0.363	13.3	20.00
544	40.8839	117.8800	-296.0	353	QYA	0	0	0	0	42	26.8	2026	65	153	180	2.318	0.850	0.367	13.5	20.00
545	40.8839	117.8794	-298.2	350	QYA	0	0	0	0	36	26.7	2054	67	83	236	1.239	0.352	0.284	13.4	20.00
546	40.8839	117.8788	-301.6	344	QYA	0	0	0	0	40	26.6	1937	64	106	181	1.656	0.586	0.354	13.5	20.00
547	40.8839	117.8732	-301.0	339	QYA	0	0	0	0	45	26.5	2008	56	106	210	1.893	0.505	0.267	13.5	20.00
548	40.8839	117.8775	-307.7	341	QYA	0	0	0	0	45	26.6	1942	54	166	162	3.074	1.025	0.333	13.4	20.00
549	40.8839	117.8769	-307.3	344	QYA	0	0	0	0	36	26.6	1915	86	47	200	0.547	0.235	0.430	13.4	20.00
550	40.8839	117.8763	-308.9	346	QYA	0	0	0	0	47	26.6	1998	49	146	183	2.980	0.798	0.268	13.3	20.00
551	40.8839	117.8757	-309.5	353	QYA	0	0	0	0	36	26.8	1978	57	161	175	2.825	0.920	0.326	13.4	20.00
552	40.8839	117.8751	-311.8	362	QYA	0	0	0	0	26	23.9	1967	67	112	158	1.672	0.709	0.424	13.4	20.00
553	40.8840	117.8745	-314.2	365	QYA	0	0	0	0	43	24.0	1960	53	98	234	1.849	0.419	0.226	13.5	20.00
554	40.8840	117.8739	-313.2	376	QYA	0	0	0	0	39	24.2	2013	74	77	214	1.041	0.360	0.346	13.5	20.00
555	40.8840	117.8733	-316.8	385	QYA	0	0	0	0	32	24.3	1958	63	80	236	1.270	0.339	0.267	13.6	20.00
556	40.8840	117.8727	-316.9	389	QYA	0	0	0	0	59	24.4	1981	54	112	213	2.074	0.526	0.254	13.6	20.00
557	40.8840	117.8721	-319.2	393	QYA	0	0	0	0	38	24.4	1975	47	161	174	3.426	0.925	0.270	13.7	20.00
558	40.8840	117.8715	-327.9	395	QYA	0	0	0	0	34	24.4	1956	55	140	169	2.545	0.828	0.325	13.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
559	40.8840	117.8709	-330.5	393	QYA	0	0	0	0	47	24.4	1926	54	158	187	2.926	0.845	0.289	13.7	20.00
560	40.8840	117.8703	-332.7	390	QYA	0	0	0	0	46	24.4	1985	59	82	217	1.390	0.378	0.272	13.8	20.00
561	40.8840	117.8697	-335.3	387	QYA	0	0	0	0	43	24.3	1987	61	106	178	1.738	0.596	0.343	13.7	20.00
562	40.8840	117.8691	-337.0	379	QYA	0	0	0	0	33	24.2	1972	71	112	167	1.577	0.671	0.425	13.7	20.00
563	40.8841	117.8685	-347.2	380	QYA	0	0	0	0	33	24.2	1994	61	123	195	2.016	0.631	0.313	13.8	20.00
564	40.8841	117.8679	-347.3	383	QYA	0	0	0	0	38	24.3	1995	57	153	146	2.684	1.048	0.390	13.8	20.00
565	40.8841	117.8673	-351.6	385	QYA	0	0	0	0	42	24.3	1911	50	92	187	1.840	0.492	0.267	13.8	20.00
566	40.8841	117.8667	-354.0	385	QYA	0	0	0	0	50	24.3	1915	52	107	203	2.058	0.527	0.256	13.8	20.00
567	40.8841	117.8661	-358.2	385	QYA	0	0	0	0	42	24.3	1966	40	132	177	3.300	0.746	0.226	13.8	20.00
568	40.8841	117.8655	-362.9	378	QYA	0	0	0	0	23	24.2	1919	57	98	221	1.719	0.443	0.258	13.8	20.00
569	40.8841	117.8649	-369.8	374	QYA	0	0	0	0	47	24.1	1971	60	78	218	1.300	0.358	0.275	13.8	20.00
570	40.8841	117.8643	-375.2	369	QYA	0	0	0	0	32	24.1	1863	50	78	187	1.560	0.417	0.267	13.7	20.00
571	40.8841	117.8637	-381.2	365	QYA	0	0	0	0	35	23.6	1908	70	122	160	1.743	0.763	0.438	13.8	20.00
572	40.8842	117.8631	-382.6	364	QYA	0	0	0	0	36	23.6	1912	55	130	160	2.364	0.813	0.344	13.8	20.00
573	40.8842	117.8625	-383.9	363	QYA	0	0	0	0	33	23.6	1871	62	64	217	1.032	0.295	0.286	13.8	20.00
574	40.8842	117.8619	-385.6	361	QYA	0	0	0	0	43	23.6	1927	58	52	225	0.897	0.231	0.258	13.8	20.00
575	40.8842	117.8613	-381.8	357	QYA	0	0	0	0	41	23.5	1829	52	121	174	2.327	0.695	0.299	13.8	20.00
576	40.8842	117.8607	-380.4	358	QYA	0	0	0	0	59	23.5	1843	42	110	204	2.619	0.539	0.206	13.9	20.00
577	40.8842	117.8601	-379.8	356	QYA	0	0	0	0	41	23.5	1897	44	132	197	3.000	0.670	0.223	13.8	20.00
578	40.8842	117.8595	-382.5	352	QYA	0	0	0	0	40	23.5	1970	53	93	215	1.755	0.433	0.247	13.8	20.00
579	40.8842	117.8589	-383.9	351	QYA	0	0	0	0	51	23.4	1968	49	151	166	3.082	0.910	0.295	13.9	20.00
580	40.8842	117.8583	-386.2	356	QYA	0	0	0	0	38	23.5	1946	62	161	157	2.597	1.025	0.395	13.9	20.00
581	40.8842	117.8577	-388.0	358	QYA	0	0	0	0	40	23.5	1926	40	95	203	2.375	0.468	0.197	13.9	20.00
582	40.8842	117.8571	-384.4	354	QYA	0	0	0	0	30	23.5	1916	51	196	143	3.843	1.371	0.357	13.9	20.00
583	40.8841	117.8566	-388.9	351	QYA	0	0	0	0	53	23.4	1959	34	169	198	4.971	0.854	0.172	13.9	20.00
584	40.8841	117.8560	-387.6	346	QYA	0	0	0	0	52	23.4	1927	55	118	187	2.145	0.631	0.294	13.8	20.00
585	40.8841	117.8554	-384.8	348	QYA	0	0	0	0	27	23.4	1898	68	83	200	1.221	0.415	0.340	13.9	20.00
586	40.8841	117.8548	-388.9	355	QYA	0	0	0	0	40	23.5	1874	57	138	177	2.421	0.780	0.322	13.8	20.00
587	40.8840	117.8543	-388.2	360	QYA	0	0	0	0	44	23.6	1854	59	118	172	2.000	0.686	0.343	13.9	20.00
588	40.8840	117.8537	-389.8	366	QYA	0	0	0	0	50	23.6	1937	48	125	198	2.604	0.631	0.242	13.9	20.00
589	40.8840	117.8531	-389.2	367	QYA	0	0	0	0	42	23.7	1972	65	146	166	2.246	0.880	0.392	13.9	20.00
590	40.8840	117.8525	-389.5	366	QYA	0	0	0	0	29	23.1	1943	78	66	183	0.846	0.361	0.426	13.9	20.00
591	40.8840	117.8519	-391.9	366	QYA	0	0	0	0	36	23.1	1910	47	124	210	2.638	0.590	0.224	13.9	20.00
592	40.8839	117.8514	-391.5	362	QYA	0	0	0	0	42	23.1	1919	55	100	191	1.818	0.524	0.288	14.0	20.00
593	40.8839	117.8508	-390.4	362	QYA	0	0	0	0	44	23.1	1899	38	120	221	3.158	0.543	0.172	14.0	20.00
594	40.8839	117.8502	-391.9	355	QYA	0	0	0	0	39	23.0	1991	59	112	230	1.898	0.487	0.257	14.0	20.00
595	40.8839	117.8496	-390.3	345	QYA	0	0	0	0	40	22.8	1923	59	119	196	2.017	0.607	0.301	13.9	20.00
596	40.8838	117.8491	-385.6	346	QYA	0	0	0	0	29	22.8	1995	60	110	203	1.833	0.542	0.296	14.0	20.00
597	40.8838	117.8485	-385.7	348	QYA	0	0	0	0	44	22.9	1991	49	148	203	3.020	0.729	0.241	14.1	20.00
598	40.8838	117.8479	-387.3	350	QYA	0	0	0	0	42	22.9	1956	65	93	214	1.550	0.435	0.280	14.0	20.00
599	40.8838	117.8473	-383.1	356	QYA	0	0	0	0	50	23.0	1935	70	87	183	1.243	0.475	0.383	13.9	20.00
600	40.8838	117.8468	-386.5	360	QYA	0	0	0	0	46	23.0	1857	60	83	187	1.383	0.444	0.321	13.8	20.00
601	40.8837	117.8462	-385.3	366	QYA	0	0	0	0	37	23.1	1944	51	120	188	2.353	0.638	0.271	13.9	20.00
602	40.8837	117.8456	-383.4	370	QYA	0	0	0	0	42	23.2	1920	51	112	210	2.196	0.533	0.243	13.8	20.00
603	40.8837	117.8450	-380.2	370	QYA	0	0	0	0	48	23.2	1987	55	148	191	2.691	0.775	0.288	13.8	20.00
604	40.8837	117.8445	-378.8	374	QYA	0	0	0	0	40	23.2	1938	60	102	191	1.700	0.534	0.314	13.8	20.00
605	40.8836	117.8439	-373.5	373	QYA	0	0	0	0	48	23.2	1953	63	88	206	1.397	0.427	0.306	13.8	20.00
606	40.8836	117.8433	-375.3	372	QYA	0	0	0	0	54	23.2	1978	52	66	231	1.269	0.286	0.225	13.7	20.00
607	40.8836	117.8427	-370.7	372	QYA	0	0	0	0	34	23.2	1915	46	94	211	2.043	0.445	0.218	13.7	20.00
608	40.8836	117.8421	-370.1	369	QYA	0	0	0	0	47	23.2	2019	59	123	196	2.085	0.628	0.301	13.7	20.00
609	40.8836	117.8416	-366.2	364	QYA	0	0	0	0	39	24.2	1846	45	85	211	1.889	0.403	0.213	13.7	20.00
610	40.8835	117.8410	-367.1	358	QYA	0	0	0	0	32	24.2	1863	62	60	228	0.968	0.263	0.272	13.8	20.00
611	40.8835	117.8404	-368.8	354	QYA	0	0	0	0	40	24.1	1990	52	163	180	3.135	0.906	0.289	13.7	20.00
612	40.8835	117.8398	-362.6	360	QYA	0	0	0	0	31	24.2	1946	72	71	216	0.986	0.329	0.333	13.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
613	40.8835	117.8393	-362.7	361	QYA	0	0	0	0	38	24.2	1971	59	95	206	1.610	0.461	0.286	13.8	20.00
614	40.8834	117.8387	-358.8	364	QYA	0	0	0	0	54	24.2	1904	63	43	239	0.683	0.180	0.264	13.9	20.00
615	40.8834	117.8381	-359.4	362	QYA	0	0	0	0	38	24.2	1870	43	91	209	2.116	0.435	0.206	13.8	20.00
616	40.8834	117.8375	-361.3	362	QYA	0	0	0	0	34	24.2	1883	64	61	204	0.953	0.299	0.314	13.8	20.00
617	40.8834	117.8370	-359.9	362	QYA	0	0	0	0	42	24.2	1893	67	82	183	1.224	0.448	0.366	13.8	20.00
618	40.8833	117.8364	-362.0	359	QYA	0	0	0	0	36	24.2	1902	60	29	244	0.483	0.119	0.246	13.8	20.00
619	40.8833	117.8358	-363.2	358	QYA	0	0	0	0	45	24.1	1846	34	93	210	2.735	0.443	0.162	13.9	20.00
620	40.8833	117.8352	-363.1	355	QYA	0	0	0	0	36	24.1	1895	54	126	184	2.333	0.685	0.293	13.9	20.00
621	40.8833	117.8347	-359.7	350	QYA	0	0	0	0	39	24.0	1852	55	109	190	1.982	0.574	0.289	13.8	20.00
622	40.8833	117.8341	-359.1	345	QYA	0	0	0	0	40	23.9	1878	50	71	248	1.420	0.286	0.202	13.8	20.00
623	40.8832	117.8335	-360.8	342	QYA	0	0	0	0	43	23.9	2001	58	85	245	1.466	0.347	0.237	13.8	20.00
624	40.8832	117.8329	-363.3	347	QYA	0	0	0	0	40	24.0	1952	69	88	178	1.275	0.494	0.388	13.8	20.00
625	40.8832	117.8323	-365.2	350	QYA	0	0	0	0	55	24.0	1961	48	140	221	2.917	0.633	0.217	13.8	20.00
626	40.8832	117.8318	-363.5	349	QYA	0	0	0	0	36	24.0	1948	45	85	201	1.889	0.423	0.224	13.9	20.00
627	40.8831	117.8312	-365.4	348	QYA	0	0	0	0	38	24.0	2012	48	86	265	1.792	0.325	0.181	13.9	20.00
628	40.8831	117.8306	-365.8	350	QYA	0	0	0	0	36	22.7	1934	47	168	202	3.574	0.832	0.233	13.9	20.00
629	40.8831	117.8300	-361.9	345	QYA	0	0	0	0	48	22.7	1980	48	93	250	1.938	0.372	0.192	13.9	20.00
630	40.8831	117.8295	-360.3	342	QYA	0	0	0	0	37	22.6	1946	46	115	238	2.500	0.483	0.193	13.9	20.00
631	40.8831	117.8289	-364.0	340	QYA	0	0	0	0	37	22.6	1989	58	60	248	1.034	0.242	0.234	13.8	20.00
632	40.8830	117.8283	-362.1	336	QYA	0	0	1	0	55	22.5	1990	69	14	244	0.203	0.057	0.283	13.8	20.00
633	40.8830	117.8277	-362.0	333	QYA	0	0	0	0	49	22.5	1930	54	110	205	2.037	0.537	0.263	13.9	20.00
634	40.8830	117.8272	-365.6	332	QYA	0	0	0	0	32	22.5	1928	63	99	216	1.571	0.458	0.292	13.9	20.00
635	40.8830	117.8266	-363.2	338	QYA	0	0	0	0	35	22.6	1926	49	82	248	1.673	0.331	0.198	13.9	20.00
636	40.8829	117.8260	-363.2	345	QYA	0	0	0	0	41	22.7	2046	70	64	262	0.914	0.244	0.267	13.9	20.00
637	40.8829	117.8254	-361.1	349	QYA	0	0	0	0	41	22.7	1948	46	151	193	3.283	0.782	0.238	13.9	20.00
638	40.8829	117.8249	-361.3	361	QYA	0	0	0	0	39	22.9	1912	55	88	192	1.600	0.458	0.286	13.9	20.00
639	40.8829	117.8243	-357.7	366	QYA	0	0	0	0	46	23.0	1861	55	63	237	1.145	0.266	0.232	13.9	20.00
640	40.8829	117.8237	-356.4	374	QYA	0	0	0	0	34	23.1	1900	56	88	201	1.571	0.438	0.279	13.9	20.00
641	40.8828	117.8231	-356.5	379	QYA	0	0	1	0	32	23.2	1975	66	16	253	0.242	0.063	0.261	13.9	20.00
642	40.8828	117.8225	-354.4	378	QYA	0	0	0	0	40	23.1	1998	50	109	179	2.180	0.609	0.279	13.9	20.00
643	40.8828	117.8220	-363.3	376	QYA	0	0	0	0	45	23.1	1937	58	99	199	1.707	0.497	0.291	13.9	20.00
644	40.8828	117.8214	-364.1	377	QYA	0	0	0	0	56	23.1	1939	60	74	210	1.233	0.352	0.286	13.9	20.00
645	40.8827	117.8208	-364.2	381	QYA	0	0	0	0	30	23.2	1929	46	105	212	2.283	0.495	0.217	13.9	20.00
646	40.8827	117.8202	-360.4	379	QYA	0	0	0	0	28	23.2	1962	56	106	211	1.893	0.502	0.265	13.9	20.00
647	40.8827	117.8197	-358.5	373	QYA	0	0	0	0	42	25.1	1909	54	106	209	1.963	0.507	0.258	13.8	20.00
648	40.8827	117.8191	-357.9	370	QYA	0	0	0	0	26	25.1	1939	59	113	187	1.915	0.604	0.316	13.8	20.00
649	40.8827	117.8185	-360.3	368	QYA	0	0	0	0	53	25.0	1896	47	138	166	2.936	0.831	0.283	13.8	20.00
650	40.8826	117.8179	-360.7	368	QYA	0	0	0	0	42	25.0	1911	62	62	198	1.000	0.313	0.313	13.8	20.00
651	40.8826	117.8174	-357.5	373	QYA	0	0	0	0	41	25.1	1968	47	121	213	2.574	0.568	0.221	13.8	20.00
652	40.8826	117.8168	-358.9	372	QYA	0	0	0	0	44	25.1	1962	46	148	182	3.217	0.813	0.253	13.8	20.00
653	40.8826	117.8162	-354.7	370	QYA	0	0	0	0	48	25.1	1928	43	147	177	3.419	0.831	0.243	13.8	20.00
654	40.8825	117.8156	-354.6	366	QYA	0	0	0	0	42	25.0	1941	38	129	229	3.395	0.563	0.166	13.7	20.00
655	40.8825	117.8151	-356.5	363	QYA	0	0	0	0	32	25.0	1922	40	164	182	4.100	0.901	0.220	13.7	20.00
656	40.8825	117.8145	-354.4	358	QYA	0	0	1	0	37	24.9	1900	76	12	216	0.158	0.056	0.352	13.7	20.00
657	40.8825	117.8139	-354.8	358	QYA	0	0	0	0	34	24.9	1925	38	139	192	3.658	0.724	0.198	13.6	20.00
658	40.8825	117.8133	-355.4	357	QYA	0	0	0	0	36	24.9	1988	65	91	206	1.400	0.442	0.316	13.7	20.00
659	40.8824	117.8127	-355.1	355	QYA	0	0	0	0	40	24.8	1952	39	114	198	2.923	0.576	0.197	13.7	20.00
660	40.8824	117.8122	-353.7	350	QYA	0	0	0	0	40	24.8	1886	41	103	206	2.512	0.500	0.199	13.7	20.00
661	40.8824	117.8116	-350.6	349	QYA	0	0	0	0	49	24.7	1917	61	134	157	2.197	0.854	0.389	13.7	20.00
662	40.8824	117.8110	-350.7	344	QYA	0	0	0	0	44	24.7	1950	62	89	213	1.435	0.418	0.291	13.7	20.00
663	40.8823	117.8104	-352.9	337	QYA	0	0	0	0	41	24.6	2000	59	88	195	1.492	0.451	0.303	13.7	20.00
664	40.8823	117.8099	-354.0	333	QYA	0	0	0	0	42	24.5	1997	58	119	186	2.052	0.640	0.312	13.7	20.00
665	40.8823	117.8093	-352.7	333	QYA	0	0	0	0	44	24.5	1924	43	123	208	2.860	0.591	0.207	13.7	20.00
666	40.8823	117.8087	-352.5	335	QYA	0	0	0	0	35	22.3	1890	37	128	221	3.459	0.579	0.167	13.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
667	40.8822	117.8081	-350.4	339	QYA	0	0	0	0	32	22.4	1952	62	99	211	1.597	0.469	0.294	13.7	20.00
668	40.8822	117.8076	-348.7	343	QYA	0	0	0	0	40	22.4	1868	65	93	189	1.431	0.492	0.344	13.7	20.00
669	40.8822	117.8070	-352.0	352	QYA	0	0	0	0	30	22.6	1990	56	142	212	2.536	0.670	0.264	13.7	20.00
670	40.8822	117.8064	-350.3	361	QYA	0	0	0	0	41	22.7	1957	59	128	159	2.169	0.805	0.371	13.8	20.00
671	40.8822	117.8058	-350.3	367	QYA	0	0	0	0	34	22.8	1838	66	74	180	1.121	0.411	0.367	13.8	20.00
672	40.8821	117.8053	-350.6	379	QYA	0	0	0	0	38	22.9	1810	54	100	172	1.852	0.581	0.314	13.7	20.00
673	40.8821	117.8047	-347.7	381	QYA	0	0	0	0	44	23.0	1802	54	89	181	1.648	0.492	0.298	13.7	20.00
674	40.8821	117.8041	-347.7	392	QYA	0	0	0	0	39	23.1	1779	60	66	170	1.100	0.388	0.353	13.7	20.00
675	40.8821	117.8035	-350.1	395	QYA	0	0	0	0	54	23.2	1805	37	109	164	2.946	0.665	0.226	13.7	20.00
676	40.8820	117.8029	-347.7	394	QYA	0	0	0	0	28	23.1	1745	57	118	164	2.070	0.720	0.348	13.7	20.00
677	40.8820	117.8024	-348.8	397	QYA	0	0	0	0	52	23.2	1796	54	70	196	1.296	0.357	0.276	13.6	20.00
678	40.8820	117.8018	-347.4	396	QYA	0	0	0	0	56	23.2	1785	37	151	145	4.081	1.041	0.255	13.6	20.00
679	40.8820	117.8012	-344.8	392	QYA	0	0	0	0	26	23.1	1804	58	121	161	2.086	0.752	0.360	13.7	20.00
680	40.8820	117.8006	-346.5	382	QYA	0	0	0	0	46	23.0	1828	53	97	183	1.830	0.530	0.290	13.6	20.00
681	40.8819	117.8001	-344.9	383	QYA	0	0	1	0	43	23.0	1779	69	21	197	0.304	0.107	0.350	13.5	20.00
682	40.8819	117.7995	-338.5	379	QYA	0	0	0	0	46	22.9	1874	52	119	182	2.288	0.654	0.286	13.5	20.00
683	40.8819	117.7989	-321.4	369	QYA	0	0	0	0	41	22.8	1769	53	84	177	1.585	0.475	0.299	13.5	20.00
684	40.8819	117.7983	-358.3	373	QYA	0	0	0	0	43	22.9	1782	43	76	226	1.767	0.336	0.190	13.5	20.00
685	40.8818	117.7978	-349.1	382	QYA	0	0	0	0	31	22.1	1767	49	152	129	3.102	1.178	0.380	13.5	20.00
686	40.8818	117.7972	-341.7	377	QYA	0	0	0	0	39	22.1	1797	56	103	164	1.839	0.628	0.341	13.5	20.00
687	40.8818	117.7966	-335.9	368	QYA	0	0	0	0	36	21.9	1656	40	137	136	3.425	1.007	0.294	13.5	20.00
688	40.8818	117.7960	-334.8	370	QYA	0	0	0	0	39	22.0	1751	36	124	166	3.444	0.747	0.217	13.4	20.00
689	40.8818	117.7955	-339.6	379	QYA	0	0	0	0	46	22.1	1805	41	94	182	2.293	0.516	0.225	13.4	20.00
690	40.8818	117.7946	-339.5	373	QYA	0	0	0	0	47	22.0	1854	44	130	167	2.955	0.778	0.263	13.4	20.00
691	40.8818	117.7937	-345.5	368	QYA	0	0	0	0	39	21.9	1745	53	137	122	2.585	1.123	0.434	13.4	20.00
692	40.8818	117.7929	-345.0	362	QYA	0	0	0	0	45	21.9	1822	31	136	202	4.387	0.673	0.153	13.4	20.00
693	40.8818	117.7920	-347.0	356	QYA	0	0	0	0	33	21.8	1751	46	135	178	2.935	0.758	0.258	13.4	20.00
694	40.8818	117.7912	-347.2	352	QYA	0	0	0	0	47	21.7	1849	44	125	183	2.841	0.683	0.240	13.4	20.00
695	40.8818	117.7903	-347.9	351	QYA	0	0	0	0	36	21.7	1858	58	124	192	2.138	0.646	0.302	13.5	20.00
696	40.8818	117.7894	-342.4	347	QYA	0	0	0	0	35	21.6	1903	48	150	190	3.125	0.789	0.253	13.5	20.00
697	40.8818	117.7886	-339.1	346	QYA	0	0	0	0	48	21.6	1832	48	100	182	2.083	0.549	0.264	13.5	20.00
698	40.8818	117.7877	-345.0	346	QYA	0	0	0	0	42	21.6	1829	62	55	218	0.887	0.252	0.284	13.4	20.00
699	40.8818	117.7869	-344.0	347	QYA	0	0	0	0	36	21.6	1825	61	75	193	1.230	0.389	0.316	13.4	20.00
700	40.8818	117.7860	-341.2	346	QYA	0	0	0	0	45	21.6	1867	43	126	185	2.930	0.681	0.232	13.4	20.00
701	40.8818	117.7851	-340.3	350	QYA	0	0	0	0	44	21.7	1833	36	160	174	4.444	0.920	0.207	13.4	20.00
702	40.8818	117.7843	-343.2	352	QYA	0	0	0	0	41	21.7	1972	65	82	207	1.262	0.396	0.314	13.4	20.00
703	40.8818	117.7834	-343.7	352	QYA	0	0	0	0	33	21.7	1902	53	128	190	2.415	0.674	0.279	13.5	20.00
704	40.8818	117.7826	-342.6	352	QYA	0	0	0	0	44	22.8	1871	62	73	202	1.177	0.361	0.307	13.5	20.00
705	40.8818	117.7817	-345.3	352	QYA	0	0	0	0	41	22.8	1843	64	61	211	0.953	0.289	0.303	13.5	20.00
706	40.8818	117.7808	-343.8	350	QYA	0	0	0	0	40	22.7	1907	45	121	206	2.689	0.587	0.218	13.5	20.00
707	40.8818	117.7800	-346.2	354	QYA	0	0	0	0	50	22.8	1869	64	72	176	1.125	0.409	0.364	13.5	20.00
708	40.8818	117.7791	-344.1	355	QYA	0	0	0	0	45	22.8	1929	55	115	188	2.091	0.612	0.293	13.4	20.00
709	40.8818	117.7783	-342.8	358	QYA	0	0	0	0	35	22.9	1791	61	87	175	1.426	0.497	0.349	13.4	20.00
710	40.8818	117.7774	-341.4	362	QYA	0	0	0	0	38	22.9	1901	56	66	208	1.179	0.317	0.269	13.4	20.00
711	40.8818	117.7765	-341.6	366	QYA	0	0	0	0	31	23.0	1902	58	93	175	1.603	0.531	0.331	13.4	20.00
712	40.8818	117.7757	-346.0	372	QYA	0	0	0	0	36	23.1	1775	59	114	165	1.932	0.691	0.358	13.5	20.00
713	40.8818	117.7748	-344.9	374	QYA	0	0	0	0	52	23.1	1818	62	95	165	1.532	0.576	0.376	13.5	20.00
714	40.8818	117.7740	-344.1	377	QYA	0	0	0	0	28	23.1	1861	51	153	180	3.000	0.850	0.283	13.5	20.00
715	40.8818	117.7731	-343.3	377	QYA	0	0	0	0	32	23.1	1814	37	153	190	4.135	0.805	0.195	13.6	20.00
716	40.8818	117.7722	-342.7	377	QYA	0	0	0	0	32	23.1	1860	50	117	182	2.340	0.643	0.275	13.5	20.00
717	40.8818	117.7714	-340.8	381	QYA	0	0	0	0	30	23.2	1880	50	59	259	1.180	0.228	0.193	13.5	20.00
718	40.8818	117.7705	-336.5	383	QYA	0	0	0	0	49	23.2	1932	60	89	209	1.483	0.426	0.287	13.5	20.00
719	40.8818	117.7697	-337.0	384	QYA	0	0	0	0	38	23.2	1870	76	52	197	0.684	0.264	0.386	13.5	20.00
720	40.8818	117.7688	-339.1	384	QYA	0	0	0	0	42	23.2	1969	51	88	256	1.725	0.344	0.199	13.5	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
721	40.8818	117.7679	-343.8	388	QYA	0	0	0	0	40	23.3	1915	56	67	204	1.196	0.328	0.275	13.5	20.00
722	40.8818	117.7671	-344.2	391	QYA	0	0	0	0	45	23.3	1869	58	71	188	1.224	0.378	0.309	13.5	20.00
723	40.8818	117.7662	-343.1	394	QYA	0	0	0	0	48	23.0	1848	61	52	195	0.852	0.267	0.313	13.5	20.00
724	40.8818	117.7654	-344.1	394	QYA	0	0	0	0	39	23.0	1959	41	118	237	2.878	0.498	0.173	13.6	20.00
725	40.8818	117.7645	-342.6	390	QYA	0	0	0	0	48	23.0	1930	64	135	161	2.109	0.839	0.398	13.6	20.00
726	40.8818	117.7640	-344.9	388	QYA	0	0	0	0	43	23.0	1921	63	87	210	1.381	0.414	0.300	13.6	20.00
727	40.8818	117.7635	-345.3	389	QYA	0	0	1	0	38	23.0	1922	62	23	250	0.371	0.092	0.248	13.6	20.00
728	40.8818	117.7630	-342.9	391	QYA	0	0	0	0	38	23.0	1967	55	148	165	2.691	0.897	0.333	13.6	20.00
729	40.8818	117.7625	-343.0	394	QYA	0	0	0	0	39	23.0	1973	46	118	214	2.565	0.551	0.215	13.6	20.00
730	40.8818	117.7620	-343.6	397	QYA	0	0	0	0	38	23.1	2017	60	175	174	2.917	1.006	0.345	13.6	20.00
731	40.8818	117.7615	-344.6	402	QYA	0	0	0	0	44	23.1	1921	48	95	208	1.979	0.457	0.231	13.6	20.00
732	40.8818	117.7610	-345.2	405	QYA	0	0	0	0	43	23.2	1953	55	141	160	2.564	0.881	0.344	13.7	20.00
733	40.8818	117.7605	-346.8	406	QYA	0	0	0	0	40	23.2	1993	68	73	238	1.074	0.307	0.286	13.7	20.00
734	40.8818	117.7600	-348.4	408	QYA	0	0	0	0	42	23.2	1914	51	113	176	2.216	0.642	0.290	13.7	20.00
735	40.8818	117.7595	-348.8	406	QYA	0	0	0	0	46	23.2	1977	55	95	196	1.727	0.485	0.281	13.7	20.00
736	40.8818	117.7590	-348.9	404	QYA	0	0	0	0	37	23.2	1958	54	109	187	2.019	0.583	0.289	13.7	20.00
737	40.8819	117.7585	-348.3	400	QYA	0	0	0	0	33	23.1	1996	54	92	226	1.704	0.407	0.239	13.7	20.00
738	40.8819	117.7580	-346.4	401	QYA	0	0	1	0	52	23.1	1989	60	23	271	0.383	0.085	0.221	13.7	20.00
739	40.8819	117.7575	-350.0	402	QYA	0	0	0	0	68	23.1	1946	57	106	206	2.865	0.515	0.180	13.7	20.00
740	40.8819	117.7570	-348.9	400	QYA	0	0	0	0	40	23.1	1972	60	126	203	2.100	0.621	0.296	13.8	20.00
741	40.8819	117.7565	-352.0	400	QYA	0	0	0	0	46	23.1	1997	63	102	195	1.619	0.523	0.323	13.7	20.00
742	40.8819	117.7560	-351.2	398	QYA	0	0	0	0	40	25.4	1942	67	118	190	1.761	0.621	0.353	13.8	20.00
743	40.8819	117.7555	-350.5	398	QYA	0	0	0	0	31	25.5	1959	84	57	190	0.679	0.300	0.442	13.9	20.00
744	40.8819	117.7550	-350.6	404	QYA	0	0	0	0	58	25.5	1981	48	125	187	2.604	0.668	0.257	13.9	20.00
745	40.8819	117.7545	-352.2	406	QYA	0	0	0	0	46	25.6	1930	43	176	151	4.093	1.166	0.285	13.9	20.00
746	40.8819	117.7540	-352.8	407	QYA	0	0	0	0	38	25.6	1952	43	110	201	2.558	0.547	0.214	13.9	20.00
747	40.8819	117.7535	-350.1	417	QYA	0	0	0	0	32	25.7	1937	59	82	197	1.390	0.416	0.299	13.9	20.00
748	40.8819	117.7530	-352.9	419	QYA	0	0	0	0	49	25.7	1893	46	173	155	3.761	1.116	0.297	13.9	20.00
749	40.8819	117.7525	-348.3	413	QYA	0	0	0	0	40	25.7	1930	59	120	149	2.034	0.805	0.396	13.9	20.00
750	40.8819	117.7520	-351.0	411	QYA	0	0	0	0	35	25.6	1981	52	119	182	2.288	0.654	0.286	13.9	20.00
751	40.8819	117.7515	-352.6	412	QYA	0	0	0	0	33	25.6	1984	71	83	172	1.169	0.483	0.413	13.9	20.00
752	40.8819	117.7510	-352.4	418	QYA	0	0	0	0	36	25.7	1998	55	112	215	2.036	0.521	0.256	14.0	20.00
753	40.8819	117.7505	-348.5	424	QYA	0	0	0	0	23	25.8	1955	42	121	205	2.881	0.590	0.205	14.0	20.00
754	40.8820	117.7500	-347.3	422	QOA1	0	0	0	0	46	25.8	1999	65	70	191	1.077	0.366	0.340	14.0	20.00
755	40.8820	117.7494	-348.5	418	QOA1	0	0	0	0	48	25.7	1900	50	115	194	2.300	0.593	0.258	13.9	20.00
756	40.8820	117.7489	-342.6	411	QOA1	0	0	0	0	53	25.6	1859	41	115	178	2.805	0.646	0.230	14.0	20.00
757	40.8820	117.7484	-344.3	404	QOA1	0	0	0	0	52	25.5	1923	38	135	206	3.553	0.655	0.184	13.9	20.00
758	40.8820	117.7479	-343.9	402	QOA1	0	0	0	0	41	25.5	1905	49	182	138	3.714	1.319	0.355	13.9	20.00
759	40.8820	117.7474	-344.6	402	QOA1	0	0	0	0	54	25.5	1804	35	173	153	4.943	1.131	0.229	13.9	20.00
760	40.8820	117.7469	-344.7	402	QOA1	0	0	0	0	44	25.5	1839	72	51	142	0.689	0.359	0.521	13.9	20.00
761	40.8820	117.7464	-342.5	406	QOA1	0	0	0	0	39	26.5	1836	51	99	183	1.941	0.541	0.279	14.1	20.00
762	40.8820	117.7459	-340.4	402	QOA1	0	0	0	0	41	26.5	1897	57	69	230	1.211	0.300	0.248	14.0	20.00
763	40.8820	117.7454	-336.3	401	QOA1	0	0	0	0	38	26.5	1905	41	165	165	4.024	1.000	0.248	14.1	20.00
764	40.8820	117.7449	-339.4	401	QOA1	0	0	1	0	34	26.5	1890	75	-12	237	-0.160	-0.051	0.316	14.0	20.00
765	40.8820	117.7444	-339.5	400	QOA1	0	0	0	0	35	26.5	1909	54	142	162	2.630	0.877	0.333	13.9	20.00
766	40.8820	117.7439	-337.2	396	QOA1	0	0	0	0	36	26.4	1815	59	105	182	1.780	0.577	0.324	13.9	20.00
767	40.8820	117.7434	-337.5	395	QOA1	0	0	0	0	37	26.4	1852	48	100	215	2.083	0.465	0.223	13.9	20.00
768	40.8820	117.7429	-335.9	394	QOA1	0	0	0	0	38	26.4	1877	46	110	197	2.391	0.558	0.234	13.9	20.00
769	40.8820	117.7424	-332.8	391	QOA1	0	0	0	0	56	26.3	1894	67	79	178	1.179	0.444	0.376	13.9	20.00
770	40.8820	117.7419	-334.2	389	QOA1	0	0	0	0	50	26.3	1836	61	71	160	1.164	0.444	0.381	13.8	20.00
771	40.8820	117.7414	-336.3	389	QOA1	0	0	0	0	49	26.3	1822	67	46	201	0.687	0.229	0.333	13.8	20.00
772	40.8821	117.7409	-334.4	389	QOA1	0	0	0	0	39	26.3	1795	35	117	179	3.343	0.654	0.196	13.8	20.00
773	40.8821	117.7404	-335.3	389	QOA1	0	0	0	0	41	26.3	1890	48	65	211	1.354	0.308	0.227	13.9	20.00
774	40.8821	117.7399	-337.6	387	QOA1	0	0	0	0	41	26.2	1882	48	133	149	2.771	0.893	0.322	13.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
775	40.8821	117.7394	-335.2	387	QOA1	0	0	0	0	43	26.2	1906	50	116	167	2.320	0.695	0.299	13.8	20.00
776	40.8821	117.7389	-336.6	390	QOA1	0	0	0	0	60	26.3	1873	47	93	194	1.979	0.479	0.242	13.7	20.00
777	40.8821	117.7384	-336.4	391	QOA1	0	0	0	0	35	26.3	1884	39	121	212	3.103	0.571	0.184	13.8	20.00
778	40.8821	117.7379	-335.5	394	QOA1	0	0	0	0	37	26.4	1835	55	88	183	1.600	0.481	0.301	13.7	20.00
779	40.8821	117.7374	-335.6	402	QOA1	0	0	0	0	44	26.5	1910	51	58	198	1.137	0.293	0.258	13.7	20.00
780	40.8821	117.7369	-336.4	401	QOA1	0	0	0	0	51	30.7	1850	62	63	171	1.016	0.368	0.363	13.8	20.00
781	40.8821	117.7364	-334.6	400	QOA1	0	0	0	0	46	30.7	1886	61	61	210	1.000	0.290	0.290	13.8	20.00
782	40.8821	117.7359	-337.4	401	QOA1	0	0	0	0	46	30.7	1869	64	116	132	1.813	0.879	0.485	13.8	20.00
783	40.8821	117.7354	-337.8	400	QOA1	0	0	0	0	35	30.7	1854	61	93	155	1.525	0.600	0.394	13.8	20.00
784	40.8821	117.7349	-335.7	401	QOA1	0	0	0	0	38	30.7	1900	52	123	181	2.365	0.680	0.287	13.8	20.00
785	40.8821	117.7344	-335.7	408	QOA1	0	0	0	0	54	30.8	1864	54	80	140	1.481	0.571	0.386	13.7	20.00
786	40.8821	117.7339	-338.5	411	QOA1	0	0	0	0	48	30.9	1866	46	74	193	1.609	0.383	0.238	13.7	20.00
787	40.8821	117.7334	-337.4	409	QOA1	0	0	0	0	47	30.9	1965	56	104	198	1.857	0.525	0.283	13.7	20.00
788	40.8821	117.7329	-337.8	410	QOA1	0	0	0	0	54	30.9	1816	40	64	195	1.600	0.328	0.205	13.6	20.00
789	40.8821	117.7324	-335.9	407	QOA1	0	0	0	0	53	30.8	1918	55	73	176	1.327	0.415	0.313	13.6	20.00
790	40.8822	117.7319	-337.0	407	QOA1	0	0	0	0	49	30.8	1863	54	68	174	1.259	0.391	0.310	13.5	20.00
791	40.8822	117.7314	-333.1	408	QOA1	0	0	0	0	44	30.8	1898	42	126	173	3.000	0.728	0.243	13.5	20.00
792	40.8822	117.7309	-335.4	414	QOA1	0	0	0	0	44	30.9	1873	50	85	188	1.700	0.452	0.266	13.5	20.00
793	40.8822	117.7304	-335.5	415	QOA1	0	0	0	0	44	31.0	1918	42	170	145	4.048	1.172	0.290	13.5	20.00
794	40.8822	117.7299	-334.3	424	QOA1	0	0	0	0	52	31.1	1829	55	86	153	1.564	0.562	0.359	13.6	20.00
795	40.8822	117.7294	-330.0	424	QOA1	0	0	0	0	52	31.1	1767	27	86	202	3.185	0.426	0.134	13.6	20.00
796	40.8822	117.7289	-328.8	426	QOA1	0	0	0	0	32	31.1	1732	58	105	129	1.810	0.814	0.450	13.6	20.00
797	40.8822	117.7284	-324.9	423	QOA1	0	0	0	0	46	31.1	1758	42	96	148	2.286	0.649	0.284	13.6	20.00
798	40.8822	117.7279	-321.4	418	QOA1	0	0	0	0	40	31.0	1673	32	159	115	4.969	1.383	0.278	13.6	20.00
799	40.8822	117.7274	-318.6	404	QOA1	0	0	0	0	36	32.1	1541	42	75	127	1.786	0.591	0.331	13.5	20.00
800	40.8822	117.7269	-311.3	386	QOA1	0	0	0	0	43	31.8	1557	48	51	123	1.063	0.415	0.390	13.4	20.00
801	40.8822	117.7264	-301.1	362	QOA1	0	0	0	0	44	31.3	1497	48	69	98	1.438	0.704	0.490	13.4	20.00
802	40.8822	117.7259	-305.5	337	QOA1	0	0	0	0	42	30.8	1468	47	25	150	0.532	0.167	0.313	13.3	20.00
803	40.8822	117.7254	-314.9	302	QOA1	0	0	0	0	70	30.1	1480	27	86	136	3.185	0.632	0.199	13.3	20.00
804	40.8822	117.7249	-327.5	298	QOA1	0	0	1	0	37	30.0	1491	54	19	190	0.352	0.100	0.284	13.2	20.00
805	40.8822	117.7244	-334.9	328	QOA1	0	0	0	0	46	30.6	1503	38	60	133	1.579	0.451	0.286	13.2	20.00
806	40.8822	117.7239	-339.9	335	QOA1	0	0	0	0	47	30.8	1403	42	76	119	1.810	0.639	0.353	13.2	20.00
807	40.8822	117.7234	-341.5	319	QOA1	0	0	0	0	54	30.4	1312	41	40	113	0.976	0.354	0.363	13.2	20.00
808	40.8823	117.7229	-344.8	317	QOA1	0	0	0	0	49	30.4	1303	28	115	65	4.107	1.769	0.431	13.2	20.00
809	40.8823	117.7224	-343.9	349	QOA1	0	0	0	0	55	31.0	1470	38	98	100	2.579	0.980	0.380	13.2	20.00
810	40.8823	117.7219	-343.4	390	QOA1	0	0	0	0	48	31.9	1531	47	37	115	0.787	0.322	0.409	13.2	20.00
811	40.8823	117.7214	-345.8	423	QOA1	0	0	0	0	40	32.5	1538	55	34	130	0.618	0.262	0.423	13.1	20.00
812	40.8823	117.7208	-346.1	459	QOA1	0	0	0	0	42	33.1	1653	35	94	149	2.686	0.631	0.235	13.1	20.00
813	40.8823	117.7203	-346.6	477	QOA1	0	0	0	0	63	33.4	1710	33	63	153	2.091	0.451	0.216	13.1	20.00
814	40.8823	117.7198	-345.8	487	QOA1	0	0	0	0	46	33.6	1633	47	79	115	1.795	0.687	0.383	13.0	20.00
815	40.8823	117.7193	-348.0	486	TRDG1	0	0	0	0	40	33.6	1797	57	76	156	1.333	0.487	0.365	12.9	20.00
816	40.8823	117.7188	-345.5	469	TRDG1	0	0	0	0	38	33.3	1815	50	96	162	1.920	0.593	0.309	13.0	20.00
817	40.8823	117.7183	-347.3	446	TRDG1	0	0	0	0	72	32.9	1827	43	45	182	1.047	0.247	0.236	13.0	20.00
818	40.8823	117.7178	-349.1	425	TRDG1	0	0	0	0	55	36.6	1708	40	76	149	1.900	0.510	0.268	12.9	20.00
819	40.8823	117.7173	-347.1	434	TRDG1	0	0	1	0	52	36.8	1675	51	18	163	0.353	0.110	0.313	12.8	20.00
820	40.8823	117.7168	-345.8	483	TRDG1	0	0	0	0	43	37.8	1661	48	75	129	1.563	0.581	0.372	12.8	20.00
821	40.8823	117.7163	-347.5	499	TRDG1	0	0	0	0	53	38.1	1654	59	53	116	0.898	0.457	0.509	12.8	20.00
822	40.8823	117.7158	-345.9	499	TRDG1	0	0	0	0	49	38.1	1523	28	120	77	4.286	1.558	0.364	12.9	20.00
823	40.8823	117.7153	-344.6	495	TRDG1	0	0	0	0	56	38.0	1392	24	84	82	3.500	1.024	0.293	12.8	20.00
824	40.8823	117.7148	-342.0	490	TRDG1	0	0	0	0	53	37.9	1316	39	40	49	1.026	0.816	0.796	12.8	20.00
825	40.8823	117.7143	-341.3	468	TRGV1	0	0	0	0	46	37.5	1218	17	62	92	3.647	0.674	0.185	12.8	20.00
826	40.8824	117.7138	-341.6	437	TRGV1	0	0	0	0	50	36.9	1129	23	27	77	1.174	0.351	0.299	12.9	20.00
827	40.8824	117.7133	-341.3	404	TRGV1	0	0	0	0	43	36.2	1095	28	42	78	1.500	0.538	0.359	12.9	20.00
828	40.8824	117.7128	-338.9	371	TRGV1	0	0	0	0	55	35.5	1093	14	114	20	8.143	5.700	0.700	12.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
829	40.8824	117.7123	-336.1	359	TRGV1	0	0	0	0	56	35.2	975	26	56	17	2.154	3.294	1.529	12.7	20.00
830	40.8824	117.7118	-336.1	375	TRGV1	0	0	0	0	62	35.6	1047	14	71	46	5.071	1.543	0.304	12.6	20.00
831	40.8824	117.7113	-333.8	389	TRGV1	0	0	0	0	52	35.9	1090	27	31	52	1.148	0.596	0.519	12.5	20.00
832	40.8824	117.7108	-332.1	404	TRGV1	0	0	1	0	54	36.2	982	17	17	64	1.000	0.266	0.266	12.5	20.00
833	40.8824	117.7103	-328.2	439	TRGV1	0	0	0	0	51	36.9	977	19	46	30	2.421	1.533	0.633	12.4	20.00
834	40.8824	117.7098	-328.1	485	TRGV1	0	1	0	0	52	37.8	1032	18	50	15	2.778	3.333	1.200	12.4	20.00
835	40.8824	117.7093	-324.4	499	TRNP	0	0	0	0	59	38.1	975	17	33	37	1.941	0.892	0.459	12.4	20.00
836	40.8824	117.7088	-327.6	583	TRNP	0	0	0	0	51	39.6	1146	10	52	61	5.200	0.852	0.164	12.3	20.00
837	40.8824	117.7083	-320.1	648	TRNP	0	0	0	0	53	35.2	1104	21	64	24	3.048	2.667	0.875	12.3	20.00
838	40.8824	117.7078	-320.3	696	TRNP	0	0	0	0	47	35.8	1241	29	43	63	1.483	0.683	0.460	12.3	20.00
839	40.8824	117.7073	-317.6	712	TRNP	1	0	0	0	50	36.0	1210	22	50	64	2.273	0.781	0.344	12.2	20.00
840	40.8824	117.7068	-318.3	668	TRNP	0	0	0	0	65	35.4	1150	16	56	53	3.500	1.057	0.302	12.1	20.00
841	40.8824	117.7063	-321.0	632	TRNP	0	0	0	1	56	34.9	1047	5	57	41	11.400	1.390	0.122	12.1	20.00
842	40.8824	117.7058	-320.2	582	TRNP	0	0	0	0	52	34.2	1039	23	33	34	1.435	0.971	0.676	12.0	20.00
843	40.8825	117.7053	-320.6	551	TRNP	0	0	0	0	50	33.7	1098	26	56	24	2.154	2.333	1.083	12.0	20.00
844	40.8825	117.7048	-322.7	498	TRNP	0	0	0	0	59	32.9	1068	20	32	57	1.600	0.561	0.351	11.9	20.00
845	40.8825	117.7043	-325.8	492	TRNP	0	0	0	0	54	32.8	1086	26	42	52	1.615	0.808	0.500	11.8	20.00
846	40.8825	117.7038	-330.2	493	TRNP	0	0	0	0	61	32.8	1092	9	73	30	8.111	2.433	0.300	11.8	20.00
847	40.8825	117.7033	-333.5	496	TRNP	0	0	1	0	66	32.9	1083	40	-22	70	-0.550	-0.314	0.571	11.8	20.00
848	40.8825	117.7028	-335.1	531	TRNP	0	0	1	0	69	33.4	1175	28	17	44	0.607	0.386	0.636	11.9	20.00
849	40.8825	117.7023	-341.0	558	TRNP	0	0	0	0	46	33.8	1226	21	63	43	3.000	1.465	0.488	11.9	20.00
850	40.8825	117.7018	-342.4	547	TRNP	0	0	1	0	43	33.7	1356	26	14	98	0.538	0.143	0.265	11.8	20.00
851	40.8825	117.7013	-337.2	498	TRNP	0	0	0	0	56	32.9	1389	24	81	92	3.375	0.880	0.261	11.8	20.00
852	40.8825	117.7008	-336.3	474	TRNP	0	0	0	0	50	32.5	1501	47	44	104	0.936	0.423	0.452	11.7	20.00
853	40.8825	117.7003	-332.9	409	TRNP	0	0	0	0	61	31.4	1645	50	70	130	1.400	0.538	0.385	11.7	20.00
854	40.8825	117.6998	-335.7	364	TRNP	0	0	0	0	49	30.5	1753	47	73	171	1.553	0.427	0.275	11.6	20.00
855	40.8825	117.6993	-332.0	336	TRNP	0	0	0	0	54	30.0	1987	52	137	185	2.635	0.741	0.281	11.6	20.00
856	40.8825	117.6988	-328.7	326	TRNP	0	0	0	0	57	28.2	1982	67	138	159	2.060	0.868	0.421	11.5	20.00
857	40.8825	117.6983	-330.7	339	TRNP	0	0	0	0	77	28.4	2008	53	173	160	3.264	1.081	0.331	11.4	20.00
858	40.8825	117.6978	-325.6	370	TRNP	0	0	0	0	61	29.0	2064	82	124	182	1.512	0.681	0.451	11.4	20.00
859	40.8825	117.6973	-325.5	396	TRNP	0	0	0	0	55	29.4	2138	73	180	130	2.466	1.385	0.562	11.5	20.00
860	40.8825	117.6968	-323.9	414	TRNP	0	0	0	0	59	29.8	2179	85	61	201	0.718	0.303	0.423	11.5	20.00
861	40.8826	117.6963	-321.4	456	TRNP	0	0	0	0	52	30.4	2300	68	148	181	2.176	0.818	0.376	11.5	20.00
862	40.8826	117.6958	-320.5	487	TRNP	0	0	0	0	53	30.9	2417	76	149	201	1.961	0.741	0.378	11.5	20.00
863	40.8826	117.6953	-318.5	478	TRNP	0	0	0	0	86	30.8	2335	80	151	169	1.888	0.893	0.473	11.4	20.00
864	40.8826	117.6948	-319.4	446	TRNP	0	0	0	0	67	30.3	2358	84	114	198	1.357	0.576	0.424	11.3	20.00
865	40.8826	117.6943	-316.5	446	TRNP	0	0	0	0	51	30.3	2312	73	108	234	1.479	0.462	0.312	11.3	20.00
866	40.8826	117.6938	-317.6	475	TRNP	0	0	0	0	61	30.8	2364	83	81	260	0.976	0.312	0.319	11.3	20.00
867	40.8826	117.6933	-315.2	479	TRNP	0	0	0	0	53	30.8	2458	68	80	280	1.176	0.286	0.243	11.2	20.00
868	40.8826	117.6928	-313.5	458	TRNP	0	0	0	0	58	30.5	2340	76	110	258	1.571	0.426	0.271	11.2	20.00
869	40.8826	117.6923	-317.0	441	TRNP	0	0	0	0	75	30.2	2290	81	97	232	1.198	0.418	0.349	11.2	20.00
870	40.8826	117.6918	-312.8	445	EH1	0	0	0	0	52	30.3	2263	89	40	257	0.449	0.156	0.346	11.2	20.00
871	40.8826	117.6912	-311.2	473	EH1	0	0	0	0	44	30.7	2443	86	112	254	1.302	0.441	0.339	11.2	20.00
872	40.8826	117.6907	-312.3	472	EH1	0	0	0	0	69	30.7	2469	84	43	319	0.512	0.155	0.263	11.1	20.00
873	40.8826	117.6902	-309.5	465	EH1	0	0	0	0	61	30.6	2535	90	134	236	1.489	0.568	0.381	11.0	20.00
874	40.8826	117.6897	-309.7	426	EH1	0	0	0	0	74	30.0	2382	90	107	229	1.189	0.467	0.393	10.9	20.00
875	40.8826	117.6892	-310.0	393	EH1	0	0	0	0	46	22.2	2336	88	77	278	0.875	0.277	0.317	10.9	20.00
876	40.8826	117.6887	-308.2	360	EH1	0	0	0	0	61	21.7	2275	84	104	247	1.238	0.421	0.340	10.9	20.00
877	40.8826	117.6882	-310.3	327	EH1	0	0	0	0	53	21.3	2221	69	167	225	2.420	0.742	0.307	10.8	20.00
878	40.8826	117.6877	-310.7	298	EH1	0	0	0	0	58	20.8	2036	51	66	229	1.294	0.288	0.223	10.8	20.00
879	40.8827	117.6872	-306.0	278	EH1	0	0	0	0	61	20.6	2079	57	102	227	1.789	0.449	0.251	10.8	20.00
880	40.8827	117.6867	-306.1	270	EH1	0	0	0	0	67	20.4	2113	66	102	236	1.545	0.432	0.280	10.8	20.00
881	40.8827	117.6862	-309.3	270	EH1	0	0	0	0	61	20.4	2027	61	199	172	3.262	1.157	0.355	10.7	20.00
882	40.8827	117.6857	-301.1	274	EH1	0	0	0	0	44	20.5	2079	75	109	245	1.453	0.445	0.306	10.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
883	40.8827	117.6852	-307.4	279	EH1	0	0	0	0	71	20.6	2024	68	43	222	0.632	0.194	0.306	10.8	20.00
884	40.8827	117.6847	-304.2	282	EH1	0	0	0	0	56	20.6	1932	58	108	192	1.862	0.563	0.302	10.8	20.00
885	40.8827	117.6842	-300.8	284	EH1	0	0	0	0	64	20.6	1890	63	114	163	1.810	0.699	0.387	10.7	20.00
886	40.8827	117.6837	-299.7	285	EH1	0	0	1	0	71	20.7	1935	65	-11	230	-0.169	-0.048	0.283	10.7	20.00
887	40.8827	117.6832	-296.3	280	EH1	0	0	0	0	54	20.6	1966	67	59	220	0.881	0.268	0.305	10.7	20.00
888	40.8827	117.6827	-300.8	272	EH1	0	0	0	0	68	20.5	1850	53	125	176	2.358	0.710	0.301	10.7	20.00
889	40.8827	117.6822	-301.1	276	EH1	0	0	0	0	58	20.5	1791	52	73	194	1.404	0.376	0.268	10.6	20.00
890	40.8827	117.6817	-300.1	293	EH1	0	0	0	0	70	20.8	1768	48	87	173	1.813	0.503	0.277	10.5	20.00
891	40.8827	117.6812	-294.3	307	EH1	0	0	0	0	63	21.0	1739	58	94	134	1.621	0.701	0.433	10.5	20.00
892	40.8827	117.6807	-294.2	333	EH1	0	0	0	0	76	21.3	1641	42	103	142	2.452	0.725	0.296	10.5	20.00
893	40.8827	117.6802	-294.5	372	EH1	0	0	0	0	67	21.9	1770	43	94	177	2.186	0.531	0.243	10.5	20.00
894	40.8827	117.6797	-292.2	428	EH1	0	0	0	0	63	25.5	1781	49	100	171	2.041	0.585	0.287	10.5	20.00
895	40.8827	117.6792	-292.6	480	EH1	0	0	0	0	63	26.2	1771	60	71	153	1.183	0.464	0.392	10.5	20.00
896	40.8827	117.6787	-288.6	495	EH1	0	0	0	0	72	26.4	1798	46	36	205	0.783	0.176	0.224	10.5	20.00
897	40.8828	117.6782	-288.2	527	EH1	0	0	0	0	65	26.8	1836	37	125	150	3.378	0.833	0.247	10.5	20.00
898	40.8828	117.6777	-287.1	557	EH1	0	0	0	0	58	27.2	1852	61	60	150	0.984	0.400	0.407	10.5	20.00
899	40.8828	117.6772	-285.0	581	TI1	0	0	0	0	67	27.5	1811	45	77	171	1.711	0.450	0.263	10.4	20.00
900	40.8828	117.6767	-284.4	602	TI1	0	0	0	0	68	27.8	1862	51	32	180	0.627	0.178	0.283	10.4	20.00
901	40.8828	117.6762	-284.0	640	TI1	0	0	0	0	53	28.2	1732	38	112	134	2.947	0.836	0.284	10.3	20.00
902	40.8828	117.6757	-278.9	686	TI1	0	0	0	0	60	28.7	1786	41	67	158	1.634	0.424	0.259	10.2	20.00
903	40.8828	117.6752	-278.2	726	TI1	1	0	0	0	77	29.1	1821	48	68	130	1.417	0.523	0.369	10.1	20.00
904	40.8828	117.6747	-276.9	780	TI1	1	0	0	0	67	29.7	1799	50	64	111	1.280	0.577	0.450	10.0	20.00
905	40.8828	117.6742	-271.2	784	TI1	1	0	0	0	75	29.7	1831	46	101	75	2.196	1.347	0.613	10.0	20.00
906	40.8828	117.6737	-271.2	770	TI1	1	0	0	0	73	29.6	1784	38	49	143	1.289	0.343	0.266	9.9	20.00
907	40.8828	117.6732	-272.4	728	TI1	1	0	0	0	61	29.1	1767	46	39	130	0.848	0.300	0.354	9.9	20.00
908	40.8828	117.6727	-269.7	704	TI1	1	0	0	0	76	28.9	1645	37	49	132	1.324	0.371	0.280	9.9	20.00
909	40.8828	117.6722	-271.9	698	TI1	0	0	0	0	60	28.8	1698	56	58	138	1.036	0.420	0.406	9.9	20.00
910	40.8828	117.6717	-271.8	661	TI1	0	0	1	0	60	28.4	1667	66	22	138	0.333	0.159	0.478	9.8	20.00
911	40.8828	117.6712	-272.7	624	TI1	0	0	0	0	73	28.0	1734	43	97	76	2.256	1.276	0.566	9.8	20.00
912	40.8828	117.6707	-277.3	594	TI1	0	0	0	0	67	27.7	1818	43	122	121	2.837	1.008	0.355	9.7	20.00
913	40.8828	117.6702	-279.0	554	TI1	0	0	0	0	68	27.2	1794	61	40	137	0.656	0.292	0.445	9.7	20.00
914	40.8828	117.6697	-283.1	501	TI1	0	0	0	0	71	26.5	1845	35	188	102	5.371	1.843	0.343	9.6	20.00
915	40.8829	117.6692	-284.5	493	EH1	0	0	0	0	68	26.4	1898	60	141	133	2.350	1.060	0.451	9.6	20.00
916	40.8829	117.6687	-283.2	483	EH1	0	0	0	0	88	26.2	1958	60	100	151	1.667	0.662	0.397	9.5	20.00
917	40.8829	117.6682	-284.2	436	EH1	0	0	0	0	66	25.6	2021	66	102	179	1.545	0.570	0.369	9.6	20.00
918	40.8829	117.6677	-290.8	374	EH1	0	0	0	0	70	24.7	2017	63	82	184	1.302	0.446	0.342	9.5	20.00
919	40.8829	117.6672	-302.4	322	EH1	0	0	0	0	68	23.9	1956	57	150	163	2.632	0.920	0.350	9.5	20.00
920	40.8829	117.6667	-314.0	285	EH1	0	0	0	0	60	23.3	1857	53	125	168	2.358	0.744	0.315	9.7	20.00
921	40.8829	117.6662	-324.5	276	EH1	0	0	0	0	85	23.1	1818	50	153	132	3.060	1.159	0.379	9.7	20.00
922	40.8829	117.6657	-328.1	304	EH1	0	0	0	0	73	23.6	1791	69	81	140	1.350	0.579	0.429	9.6	20.00
923	40.8829	117.6652	-332.1	346	EH1	0	0	0	0	78	24.2	1745	41	107	151	2.610	0.709	0.272	9.6	20.00
924	40.8829	117.6647	-333.3	399	EH1	0	0	0	0	69	25.1	1724	37	110	140	2.973	0.786	0.264	9.6	20.00
925	40.8829	117.6642	-332.9	457	EH1	0	0	0	0	57	25.9	1750	49	103	130	2.102	0.792	0.377	9.6	20.00
926	40.8829	117.6637	-329.5	491	EH1	0	0	0	0	61	26.4	1878	36	139	144	3.861	0.965	0.250	9.6	20.00
927	40.8829	117.6632	-332.9	492	EH1	0	0	0	0	73	26.4	1995	54	113	135	2.093	0.837	0.400	9.5	20.00
928	40.8829	117.6626	-329.2	492	EH1	0	0	0	0	65	26.4	1972	50	197	122	3.940	1.615	0.410	9.6	20.00
929	40.8829	117.6621	-329.0	480	EH1	0	0	0	0	71	26.2	2095	65	137	176	2.108	0.778	0.369	9.7	20.00
930	40.8829	117.6616	-328.0	457	EH1	0	0	0	0	82	25.9	2332	75	123	225	1.640	0.547	0.333	9.7	20.00
931	40.8829	117.6611	-328.3	467	EH1	0	0	0	0	54	26.0	2410	73	152	235	2.082	0.647	0.311	9.7	20.00
932	40.8830	117.6606	-326.9	495	EH1	0	0	0	0	67	29.1	2712	111	185	212	1.667	0.873	0.524	9.7	20.00
933	40.8830	117.6601	-324.8	496	TI1	0	0	0	0	75	29.2	2607	99	154	230	1.556	0.670	0.430	9.7	20.00
934	40.8830	117.6596	-329.4	495	TI1	0	0	0	0	57	29.1	2530	84	223	184	2.655	1.212	0.457	9.7	20.00
935	40.8830	117.6591	-325.5	494	TI1	0	0	0	0	74	29.1	2381	86	87	262	1.012	0.332	0.328	9.6	20.00
936	40.8830	117.6586	-322.9	492	TI1	0	0	0	0	64	29.1	2186	57	137	218	2.404	0.628	0.261	9.6	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
937	40.8830	117.6581	-324.0	492	TI1	0	0	0	0	61	29.1	2297	80	129	203	1.612	0.635	0.394	9.6	20.00
938	40.8830	117.6576	-320.7	488	TI1	0	0	0	0	77	29.0	1969	70	120	146	1.714	0.822	0.479	9.6	20.00
939	40.8830	117.6571	-323.4	475	TI1	0	0	0	0	85	28.8	1871	29	146	158	5.034	0.924	0.184	9.5	20.00
940	40.8830	117.6566	-320.2	481	TI1	0	0	0	0	64	28.9	1824	43	122	137	2.837	0.891	0.314	9.6	20.00
941	40.8830	117.6561	-317.5	493	TI1	0	0	0	0	73	29.1	1720	43	75	150	1.744	0.500	0.287	9.5	20.00
942	40.8830	117.6556	-318.3	528	TI1	0	0	0	0	63	29.6	1666	40	95	90	2.375	1.056	0.444	9.5	20.00
943	40.8830	117.6551	-318.0	577	TI1	0	0	0	0	62	30.3	1664	27	112	115	4.148	0.974	0.235	9.5	20.00
944	40.8830	117.6546	-318.3	578	TI1	0	0	0	0	83	30.3	1684	31	46	170	1.484	0.271	0.182	9.5	20.00
945	40.8830	117.6541	-317.3	563	TI1	0	0	0	0	73	30.1	1593	50	54	96	1.080	0.563	0.521	9.5	20.00
946	40.8830	117.6536	-320.2	536	TI1	0	0	0	0	64	29.7	1601	28	51	157	1.821	0.325	0.178	9.5	20.00
947	40.8830	117.6531	-317.7	518	TI1	0	0	0	0	56	29.5	1438	36	51	105	1.417	0.486	0.343	9.4	20.00
948	40.8830	117.6526	-316.5	495	TI1	0	0	0	0	73	29.1	1420	41	59	72	1.439	0.819	0.569	9.5	20.00
949	40.8830	117.6521	-317.9	486	TI1	0	0	0	0	58	29.0	1437	16	108	130	6.750	0.831	0.123	9.5	20.00
950	40.8831	117.6516	-316.7	435	TI1	0	0	0	0	49	28.2	1280	23	104	82	4.522	1.268	0.280	9.5	20.00
951	40.8831	117.6511	-316.2	387	TI1	0	0	0	0	79	31.1	1251	20	73	72	3.650	1.014	0.278	9.5	20.00
952	40.8831	117.6506	-312.2	405	TI1	0	0	0	0	59	31.4	1318	26	67	116	2.577	0.578	0.224	9.5	20.00
953	40.8831	117.6501	-315.4	424	TI1	0	0	0	0	63	31.8	1478	37	27	150	0.730	0.180	0.247	9.5	20.00
954	40.8831	117.6496	-315.9	405	TI1	0	0	0	0	59	31.4	1565	44	78	114	1.773	0.684	0.386	9.5	20.00
955	40.8831	117.6491	-313.1	397	TI1	0	0	0	0	70	31.3	1564	28	49	165	1.750	0.297	0.170	9.4	20.00
956	40.8831	117.6486	-310.0	420	TI1	0	0	0	0	67	31.7	1729	31	112	144	3.613	0.778	0.215	9.4	20.00
957	40.8831	117.6481	-314.0	439	TI1	0	0	0	0	69	32.0	1837	42	79	190	1.881	0.416	0.221	9.4	20.00
958	40.8831	117.6476	-314.1	439	TI1	0	0	0	0	69	32.0	1843	57	68	153	1.193	0.444	0.373	9.4	20.00
959	40.8831	117.6471	-310.2	408	TI1	0	0	0	0	66	31.5	1706	42	132	131	3.143	1.008	0.321	9.4	20.00
960	40.8831	117.6466	-312.7	360	TI1	0	0	0	0	70	30.6	1690	40	109	155	2.725	0.703	0.258	9.4	20.00
961	40.8831	117.6461	-316.9	318	TI1	0	0	0	0	83	29.8	1653	33	144	106	4.364	1.358	0.311	9.4	20.00
962	40.8831	117.6456	-312.9	278	TI1	0	0	0	0	86	28.9	1538	25	104	123	4.160	0.846	0.203	9.4	20.00
963	40.8831	117.6451	-312.2	246	TI1	0	0	0	0	62	28.3	1484	41	99	113	2.415	0.876	0.363	9.4	20.00
964	40.8831	117.6446	-313.1	242	TI1	0	0	0	0	64	28.2	1475	38	36	134	0.947	0.269	0.284	9.4	20.00
965	40.8831	117.6441	-309.9	286	TI1	0	0	0	0	75	29.1	1517	34	89	151	2.618	0.589	0.225	9.4	20.00
966	40.8831	117.6436	-312.2	348	TI1	0	0	0	0	74	30.3	1654	37	100	145	2.703	0.690	0.255	9.4	20.00
967	40.8831	117.6431	-311.3	420	TI1	0	0	0	0	78	31.7	1745	41	65	178	1.585	0.365	0.230	9.3	20.00
968	40.8832	117.6426	-310.8	493	TI1	0	0	0	0	77	33.0	1768	29	117	131	4.034	0.893	0.221	9.2	20.00
969	40.8832	117.6421	-311.8	559	TI1	0	0	0	0	72	34.0	1834	38	105	154	2.763	0.682	0.247	9.2	20.00
970	40.8832	117.6416	-311.9	591	TI1	0	0	0	0	77	38.7	1843	39	48	167	1.231	0.287	0.234	9.2	20.00
971	40.8832	117.6411	-315.1	580	TI1	0	0	0	0	60	38.6	1767	41	98	131	2.390	0.748	0.313	9.1	20.00
972	40.8832	117.6406	-318.0	522	TI1	0	0	0	0	70	37.5	1586	24	83	112	3.458	0.741	0.214	9.1	20.00
973	40.8832	117.6401	-318.4	514	TI1	0	0	0	0	93	37.4	1522	26	55	115	2.115	0.478	0.226	9.1	20.00
974	40.8832	117.6396	-318.3	509	TI1	0	0	1	0	80	37.3	1427	27	8	134	0.296	0.060	0.201	9.0	20.00
975	40.8832	117.6391	-318.0	537	TI1	0	0	0	0	96	37.8	1506	17	91	96	5.353	0.948	0.177	9.0	20.00
976	40.8832	117.6386	-315.4	552	TI1	0	0	0	0	68	38.1	1440	21	108	42	5.143	2.571	0.500	8.9	20.00
977	40.8832	117.6381	-320.9	542	TI1	0	0	0	0	87	37.9	1507	32	37	107	1.156	0.346	0.299	9.0	20.00
978	40.8832	117.6376	-320.5	511	TI1	0	0	0	0	71	37.3	1381	31	38	78	1.226	0.487	0.397	9.0	20.00
979	40.8832	117.6371	-321.2	496	TI1	0	0	1	0	73	37.1	1398	38	5	133	0.132	0.038	0.286	8.9	20.00
980	40.8832	117.6366	-322.6	498	TI1	0	0	0	0	86	37.1	1308	20	59	75	2.950	0.787	0.267	8.9	20.00
981	40.8832	117.6361	-323.1	539	TI1	0	0	0	0	83	37.8	1330	18	54	91	3.000	0.593	0.198	8.8	20.00
982	40.8832	117.6356	-318.9	585	TI1	0	0	0	0	62	38.6	1373	22	57	100	2.591	0.570	0.220	8.9	20.00
983	40.8832	117.6351	-321.5	609	TI1	0	0	0	0	66	39.0	1383	16	31	135	1.938	0.230	0.119	8.8	20.00
984	40.8832	117.6346	-320.6	636	TI1	0	0	0	0	75	39.5	1440	13	50	109	3.846	0.459	0.119	8.8	20.00
985	40.8832	117.6341	-318.4	644	TI1	0	0	0	0	72	39.6	1357	22	58	90	2.636	0.644	0.244	8.8	20.00
986	40.8833	117.6336	-318.7	662	TI1	0	0	0	0	64	39.9	1378	23	71	45	3.087	1.578	0.511	8.7	20.00
987	40.8833	117.6330	-321.8	693	TI1	0	0	1	0	75	40.4	1471	33	14	110	0.424	0.127	0.300	8.8	20.00
988	40.8833	117.6325	-326.4	716	TI1	1	0	0	0	75	40.7	1479	20	85	47	4.250	1.809	0.426	8.7	20.00
989	40.8833	117.6320	-321.2	734	TI1	1	0	0	0	80	43.9	1441	25	33	104	1.320	0.317	0.240	8.7	20.00
990	40.8833	117.6315	-323.5	737	TI1	1	0	0	0	72	44.0	1510	24	48	134	2.000	0.358	0.179	8.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
991	40.8833	117.6310	-323.8	712	TI1	1	0	0	0	70	43.6	1529	14	54	133	3.857	0.406	0.105	8.7	20.00
992	40.8833	117.6305	-326.2	680	TI1	0	0	0	0	74	43.0	1458	17	75	107	4.412	0.701	0.159	8.7	20.00
993	40.8833	117.6300	-323.2	662	TI1	0	0	1	0	82	42.8	1393	37	26	116	0.703	0.224	0.319	8.6	20.00
994	40.8833	117.6295	-325.2	614	TI1	0	0	0	0	76	41.9	1354	27	39	65	1.444	0.600	0.415	8.5	20.00
995	40.8833	117.6290	-326.8	552	TI1	0	0	0	0	94	40.8	1448	31	29	89	0.935	0.326	0.348	8.5	20.00
996	40.8833	117.6285	-325.7	497	TI1	0	0	0	0	62	39.7	1395	32	67	82	2.094	0.817	0.390	8.5	20.00
997	40.8833	117.6280	-326.5	493	TI1	0	0	1	0	80	39.7	1519	36	18	126	0.500	0.143	0.286	8.6	20.00
998	40.8833	117.6275	-327.0	489	TI1	0	0	0	0	81	39.6	1553	48	26	124	0.542	0.210	0.387	8.6	20.00
999	40.8833	117.6270	-325.9	478	TI1	0	0	0	0	94	39.4	1569	14	55	162	3.929	0.340	0.086	8.6	20.00
1000	40.8833	117.6265	-329.4	462	TI1	0	0	0	0	85	39.0	1607	18	89	153	4.944	0.582	0.118	8.6	20.00
1001	40.8833	117.6260	-329.2	446	TI1	0	0	0	0	70	38.7	1664	42	71	145	1.690	0.490	0.290	8.6	20.00
1002	40.8833	117.6255	-330.9	435	TI1	0	0	0	0	80	38.5	1663	51	68	143	1.333	0.476	0.357	8.6	20.00
1003	40.8833	117.6250	-330.7	409	TI1	0	0	0	0	85	37.9	1634	47	56	135	1.191	0.415	0.348	8.5	20.00
1004	40.8834	117.6245	-327.1	374	TI1	0	0	0	0	67	37.1	1667	52	37	172	0.712	0.215	0.302	8.5	20.00
1005	40.8834	117.6240	-330.2	341	TI1	0	0	0	0	67	36.3	1621	35	100	148	2.857	0.676	0.236	8.5	20.00
1006	40.8834	117.6235	-330.2	302	TI1	0	0	0	0	96	35.4	1600	26	73	131	2.808	0.557	0.198	8.5	20.00
1007	40.8834	117.6230	-331.1	258	TI1	0	0	0	0	69	34.3	1556	40	109	116	2.725	0.940	0.345	8.5	20.00
1008	40.8834	117.6225	-330.5	235	TI1	0	0	0	0	74	32.8	1455	42	47	135	1.119	0.348	0.311	8.4	20.00
1009	40.8834	117.6220	-332.0	243	TI1	0	0	0	0	91	33.0	1604	28	69	141	2.464	0.489	0.199	8.5	20.00
1010	40.8834	117.6215	-328.4	262	OV1	0	0	0	0	52	33.5	1495	35	107	113	3.057	0.947	0.310	8.4	20.00
1011	40.8834	117.6210	-327.1	284	OV1	0	0	0	0	100	34.1	1406	31	26	116	0.839	0.224	0.267	8.4	20.00
1012	40.8834	117.6205	-326.0	309	OV1	0	0	0	0	102	34.7	1306	25	66	95	2.640	0.695	0.263	8.4	20.00
1013	40.8834	117.6200	-329.9	342	OV1	0	0	0	0	74	35.4	1309	27	51	115	1.889	0.443	0.235	8.3	20.00
1014	40.8834	117.6195	-323.5	370	OV1	0	0	0	0	65	36.1	1419	41	51	111	1.244	0.459	0.369	8.3	20.00
1015	40.8834	117.6190	-325.4	400	OV1	0	0	0	0	90	36.7	1362	31	65	83	2.097	0.783	0.373	8.3	20.00
1016	40.8834	117.6185	-318.2	439	OV1	0	0	0	0	81	37.6	1351	13	82	104	6.308	0.788	0.125	8.3	20.00
1017	40.8834	117.6180	-328.3	469	OV1	0	0	1	0	92	38.2	1329	30	-8	132	-0.267	-0.061	0.227	8.2	20.00
1018	40.8834	117.6175	-322.4	472	OV1	0	0	1	0	89	38.2	1268	33	0	56	0.030	0.018	0.589	8.2	20.00
1019	40.8834	117.6170	-320.6	453	OV1	0	0	1	0	81	37.9	1215	31	15	82	0.484	0.183	0.378	8.2	20.00
1020	40.8834	117.6165	-328.7	423	OV1	0	0	0	0	77	37.2	1150	22	84	42	3.818	2.000	0.524	8.2	20.00
1021	40.8835	117.6160	-323.9	389	OV1	0	0	0	0	83	36.5	1170	22	31	87	1.409	0.356	0.253	8.2	20.00
1022	40.8835	117.6155	-321.5	387	OV1	0	0	0	0	81	36.4	1216	25	26	86	1.040	0.302	0.291	8.1	20.00
1023	40.8835	117.6150	-319.4	386	OV1	0	0	0	0	88	36.4	1280	34	61	49	1.794	1.245	0.694	8.2	20.00
1024	40.8835	117.6145	-325.4	398	OV1	0	0	0	0	73	36.7	1269	35	69	59	1.971	1.169	0.593	8.2	20.00
1025	40.8835	117.6140	-321.7	438	OV1	0	0	0	0	80	37.5	1361	33	62	92	1.879	0.674	0.359	8.2	20.00
1026	40.8835	117.6135	-321.8	462	OV1	0	0	0	0	69	38.0	1456	22	98	105	4.455	0.933	0.210	8.1	20.00
1027	40.8835	117.6130	-318.7	461	OV1	0	0	0	0	66	37.1	1540	35	57	119	1.629	0.479	0.294	8.1	20.00
1028	40.8835	117.6125	-323.6	426	OV1	0	0	0	0	77	36.4	1513	39	86	83	2.205	1.036	0.470	8.1	20.00
1029	40.8835	117.6120	-323.8	384	OV1	0	0	0	0	92	35.5	1540	22	91	120	4.136	0.758	0.183	8.1	20.00
1030	40.8835	117.6115	-323.0	346	EH1	0	0	0	0	83	34.7	1446	31	34	122	1.097	0.279	0.254	8.1	20.00
1031	40.8835	117.6110	-326.9	310	EH1	0	0	0	0	80	33.8	1457	37	67	99	1.811	0.677	0.374	8.0	20.00
1032	40.8835	117.6105	-323.7	289	EH1	0	0	0	0	91	33.4	1548	31	73	133	2.355	0.549	0.233	8.1	20.00
1033	40.8835	117.6100	-323.7	271	EH1	0	0	0	0	71	32.9	1428	26	69	139	2.654	0.496	0.187	8.0	20.00
1034	40.8835	117.6095	-320.7	254	EH1	0	0	0	0	97	32.5	1444	20	94	118	4.700	0.797	0.169	8.1	20.00
1035	40.8835	117.6090	-319.2	236	EH1	0	0	0	0	96	32.1	1404	36	56	113	1.556	0.496	0.319	8.0	20.00
1036	40.8835	117.6085	-322.4	227	EH1	0	0	0	0	84	31.8	1379	38	63	122	1.658	0.516	0.311	8.0	20.00
1037	40.8835	117.6080	-318.3	228	EH1	0	0	0	0	99	31.9	1285	28	[illegible]	112	1.821	0.455	0.250	7.9	20.00
1038	40.8835	117.6075	-322.0	251	EH1	0	0	0	0	81	32.4	1228	26	7[illegible]	77	2.885	0.974	0.338	7.9	20.00
1039	40.8836	117.6070	-318.6	332	EH1	0	0	1	0	96	34.3	1252	40	-15	94	-0.375	-0.160	0.426	7.8	20.00
1040	40.8836	117.6065	-320.0	417	EH1	0	0	0	0	113	36.2	1331	22	47	88	2.136	0.534	0.250	7.7	20.00
1041	40.8836	117.6060	-323.2	470	EH1	0	0	0	0	79	37.3	1483	43	28	110	0.651	0.255	0.391	7.7	20.00
1042	40.8836	117.6055	-322.2	492	EH1	0	0	0	0	69	37.7	1499	26	78	98	3.000	0.796	0.265	7.6	20.00
1043	40.8836	117.6050	-322.5	498	EH1	0	0	1	0	101	37.8	1486	36	9	120	0.250	0.075	0.300	7.5	20.00
1044	40.8836	117.6044	-322.2	541	EH1	0	0	0	0	77	38.6	1628	36	93	77	2.583	1.208	0.468	7.5	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1045	40.8836	117.6039	-321.0	588	EH1	0	0	0	0	69	39.4	1737	45	27	144	0.600	0.188	0.313	7.4	20.00
1046	40.8836	117.6034	-324.3	647	EH1	0	0	1	0	86	40.0	1828	55	16	144	0.291	0.111	0.382	7.4	20.00
1047	40.8836	117.6029	-318.9	712	EH1	1	0	0	0	77	41.0	1941	34	109	167	3.206	0.653	0.204	7.4	20.00
1048	40.8836	117.6024	-319.1	760	EH1	1	0	0	0	92	41.7	2121	69	106	124	1.536	0.855	0.556	7.4	20.00
1049	40.8836	117.6019	-318.6	807	EH1	1	0	0	0	72	42.4	2027	47	79	190	1.681	0.416	0.247	7.4	20.00
1050	40.8836	117.6014	-321.2	838	EH1	1	0	1	0	80	42.8	2112	90	15	222	0.167	0.068	0.405	7.5	20.00
1051	40.8836	117.6009	-323.3	870	EH1	1	0	0	0	86	43.2	2245	87	67	160	0.770	0.419	0.544	7.4	20.00
1052	40.8836	117.6004	-320.5	896	EH1	1	0	0	0	68	43.5	2075	49	134	119	2.735	1.126	0.412	7.4	20.00
1053	40.8836	117.5999	-318.8	929	EH1	1	0	0	0	79	43.9	2285	61	74	213	1.213	0.347	0.286	7.4	20.00
1054	40.8836	117.5994	-324.8	944	EH1	1	0	0	0	81	44.1	2283	80	69	187	0.862	0.369	0.428	7.3	20.00
1055	40.8836	117.5989	-321.7	963	EH1	1	0	0	0	83	44.3	2366	80	101	175	1.263	0.577	0.457	7.3	20.00
1056	40.8836	117.5984	-321.2	986	EH1	1	0	0	0	81	44.5	2352	65	49	208	0.754	0.236	0.313	7.3	20.00
1057	40.8837	117.5979	-321.2	997	EH1	1	0	0	0	69	44.7	2349	98	37	200	0.378	0.185	0.490	7.4	20.00
1058	40.8837	117.5974	-319.6	989	EH1	1	0	0	0	81	44.6	2498	68	109	182	1.603	0.599	0.374	7.5	20.00
1059	40.8837	117.5969	-320.1	944	EH1	1	0	0	0	101	44.1	2334	59	95	206	1.610	0.461	0.286	7.5	20.00
1060	40.8837	117.5964	-317.8	903	EH1	1	0	0	0	76	43.6	2320	75	73	246	0.973	0.297	0.305	7.5	20.00
1061	40.8837	117.5959	-317.2	837	EH1	1	0	0	0	84	42.8	2352	71	84	222	1.183	0.378	0.320	7.5	20.00
1062	40.8837	117.5954	-323.9	770	EH1	1	0	0	0	64	41.9	2266	71	101	159	1.423	0.635	0.447	7.4	20.00
1063	40.8837	117.5949	-319.8	697	EH1	0	0	0	0	91	40.8	2039	62	59	168	0.952	0.351	0.369	7.5	20.00
1064	40.8837	117.5944	-321.7	640	EH1	0	0	0	0	66	39.9	2037	55	108	149	1.964	0.725	0.369	7.6	20.00
1065	40.8837	117.5939	-319.1	602	EH1	0	0	0	0	89	36.6	1947	52	53	192	1.019	0.276	0.271	7.6	20.00
1066	40.8837	117.5934	-316.3	589	EH1	0	0	0	0	56	36.4	2045	71	43	164	0.606	0.262	0.433	7.7	20.00
1067	40.8837	117.5929	-322.2	588	EH1	0	0	0	0	76	36.3	2018	72	60	154	0.833	0.390	0.468	7.7	20.00
1068	40.8837	117.5924	-321.4	614	EH1	0	0	0	0	91	36.8	2012	48	136	120	2.833	1.133	0.400	7.8	20.00
1069	40.8837	117.5919	-324.0	640	EH1	0	0	0	0	67	37.1	2012	37	138	171	3.730	0.807	0.216	7.9	20.00
1070	40.8837	117.5914	-323.0	653	EH1	0	0	0	0	63	37.3	2057	62	138	101	2.226	1.366	0.614	8.0	20.00
1071	40.8837	117.5909	-324.2	675	EH1	0	0	0	0	66	37.7	2201	64	101	151	1.578	0.669	0.424	8.0	20.00
1072	40.8837	117.5904	-318.2	657	EH1	0	0	0	0	72	37.4	1951	44	105	145	2.386	0.724	0.303	8.2	20.00
1073	40.8837	117.5899	-321.8	687	EH1	0	0	0	0	64	37.8	2088	48	89	191	1.854	0.466	0.251	8.2	20.00
1074	40.8837	117.5894	-321.8	703	EH1	1	0	0	0	79	38.1	2011	53	89	150	1.679	0.593	0.353	8.4	20.00
1075	40.8838	117.5889	-324.9	699	EH1	0	0	0	0	66	38.0	1975	62	36	203	0.581	0.177	0.305	8.4	20.00
1076	40.8838	117.5884	-328.5	700	EH1	1	0	0	0	70	38.0	2016	43	133	149	3.093	0.893	0.289	8.4	20.00
1077	40.8838	117.5879	-321.7	718	EH1	1	0	0	0	72	38.3	2039	48	121	131	2.521	0.924	0.366	8.5	20.00
1078	40.8838	117.5874	-319.5	734	EH1	1	0	0	0	76	38.5	2058	74	39	134	0.527	0.291	0.552	8.6	20.00
1079	40.8838	117.5869	-320.7	749	EH1	1	0	0	0	68	38.7	2028	40	106	162	2.650	0.654	0.247	8.7	20.00
1080	40.8838	117.5864	-320.0	759	EH1	1	0	0	0	70	38.8	2031	45	73	180	1.622	0.406	0.250	8.7	20.00
1081	40.8838	117.5859	-324.4	756	EH1	1	0	0	0	66	38.8	2115	53	147	109	2.774	1.349	0.486	8.8	20.00
1082	40.8838	117.5854	-322.7	707	EH1	1	0	0	0	68	38.1	2160	49	103	164	2.102	0.628	0.299	8.9	20.00
1083	40.8838	117.5849	-328.7	624	EH1	0	0	0	0	79	36.9	1955	42	95	172	2.262	0.552	0.244	9.0	20.00
1084	40.8838	117.5844	-327.2	552	EH1	0	0	0	0	52	33.6	1978	57	62	186	1.088	0.333	0.306	9.1	20.00
1085	40.8838	117.5839	-324.2	499	EH1	0	0	0	0	70	32.7	1932	47	126	100	2.681	1.260	0.470	9.2	20.00
1086	40.8838	117.5834	-321.2	491	EH1	0	0	0	0	74	32.6	1940	54	99	188	1.833	0.527	0.287	9.3	20.00
1087	40.8838	117.5829	-318.5	433	EH1	0	0	1	0	58	31.6	1993	75	24	214	0.320	0.112	0.350	9.4	20.00
1088	40.8838	117.5824	-317.4	370	EH1	0	0	0	0	54	30.5	2047	62	107	158	1.726	0.677	0.392	9.4	20.00
1089	40.8838	117.5819	-320.8	359	EH1	0	0	0	0	75	30.3	2078	74	76	161	1.027	0.472	0.460	9.5	20.00
1090	40.8838	117.5814	-320.6	397	EH1	0	0	0	0	56	31.0	2138	64	122	207	1.906	0.589	0.309	9.5	20.00
1091	40.8838	117.5809	-323.5	426	EH1	0	0	0	0	75	31.5	2182	68	120	165	1.765	0.727	0.412	9.7	20.00
1092	40.8838	117.5804	-321.9	458	EH1	0	0	0	0	74	32.1	2191	56	104	200	1.857	0.520	0.280	9.6	20.00
1093	40.8839	117.5799	-322.0	482	EH1	0	0	0	0	73	32.5	2100	49	98	228	2.000	0.430	0.215	9.7	20.00
1094	40.8839	117.5794	-321.1	490	EH1	0	0	0	0	73	32.6	2152	82	53	190	0.646	0.279	0.432	9.7	20.00
1095	40.8839	117.5789	-310.9	491	EH1	0	0	0	0	48	32.6	2106	68	84	214	1.235	0.393	0.318	9.8	20.00
1096	40.8839	117.5784	-340.0	490	EH1	0	0	0	0	62	32.6	2201	74	87	197	1.176	0.442	0.376	9.9	20.00
1097	40.8839	117.5779	-327.9	487	EH1	0	0	0	0	58	32.6	2180	70	75	199	1.071	0.377	0.352	9.9	20.00
1098	40.8839	117.5774	-323.8	485	EH1	0	0	0	0	66	32.5	2206	77	146	141	1.896	1.035	0.546	9.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1099	40.8839	117.5769	-323.4	464	EH1	0	0	0	0	52	32.2	2080	63	116	194	1.841	0.598	0.325	9.9	20.00
1100	40.8839	117.5764	-323.0	428	EH1	0	0	0	0	66	31.5	2105	59	140	202	2.373	0.693	0.292	10.0	20.00
1101	40.8839	117.5759	-321.9	399	EH1	0	0	0	0	66	31.0	2128	64	152	162	2.375	0.938	0.395	10.0	20.00
1102	40.8839	117.5754	-320.9	379	EH1	0	0	0	0	65	30.6	2052	57	143	176	2.509	0.813	0.324	10.1	20.00
1103	40.8839	117.5748	-319.7	360	EH1	0	0	0	0	53	21.4	1996	74	93	176	1.257	0.528	0.420	10.2	20.00
1104	40.8839	117.5743	-318.5	338	QG	0	0	0	0	75	21.1	2043	59	105	196	1.780	0.536	0.301	10.2	20.00
1105	40.8839	117.5738	-324.1	334	QG	0	0	0	0	70	21.0	1966	55	120	172	2.182	0.698	0.320	10.2	20.00
1106	40.8839	117.5733	-323.6	355	QG	0	0	0	0	50	21.3	2022	52	246	87	4.731	2.828	0.598	10.3	20.00
1107	40.8839	117.5728	-323.6	400	QG	0	0	0	0	58	21.9	2151	65	147	174	2.262	0.845	0.374	10.5	20.00
1108	40.8839	117.5723	-322.9	430	QG	0	0	0	0	58	22.3	2144	69	136	195	1.971	0.697	0.354	10.5	20.00
1109	40.8839	117.5718	-320.8	397	QG	0	0	0	0	53	21.9	2055	51	171	147	3.353	1.163	0.347	10.6	20.00
1110	40.8840	117.5713	-316.5	360	QG	0	0	0	0	62	21.4	2064	65	136	193	2.092	0.705	0.337	10.6	20.00
1111	40.8840	117.5708	-320.4	346	QG	0	0	0	0	62	21.2	1993	49	153	172	3.122	0.890	0.285	10.7	20.00
1112	40.8840	117.5703	-320.5	350	QG	0	0	0	0	40	21.2	1971	70	124	162	1.771	0.765	0.432	10.7	20.00
1113	40.8840	117.5698	-321.3	355	QG	0	0	0	0	52	21.3	1917	61	73	193	1.197	0.378	0.316	10.8	20.00
1114	40.8840	117.5693	-323.1	370	QG	0	0	0	0	61	21.5	1932	62	66	198	1.065	0.333	0.313	10.8	20.00
1115	40.8840	117.5688	-322.8	391	QG	0	0	0	0	54	21.8	1971	59	94	186	1.593	0.505	0.317	10.9	20.00
1116	40.8840	117.5683	-319.8	436	QG	0	0	0	0	53	22.4	2092	53	143	180	2.698	0.794	0.294	10.8	20.00
1117	40.8840	117.5678	-320.8	446	QG	0	0	0	0	52	22.5	2047	46	148	194	3.217	0.763	0.237	10.8	20.00
1118	40.8840	117.5673	-321.3	431	QG	0	0	0	0	57	22.3	1994	55	134	197	2.436	0.680	0.279	10.8	20.00
1119	40.8840	117.5668	-320.9	427	QG	0	0	0	0	55	22.2	1930	71	97	188	1.366	0.516	0.378	10.8	20.00
1120	40.8840	117.5663	-321.0	405	TRD	0	0	0	0	71	22.0	1824	64	65	169	1.016	0.385	0.379	10.9	20.00
1121	40.8840	117.5658	-321.4	395	TRD	0	0	0	0	77	21.8	1873	55	123	154	2.236	0.799	0.357	10.9	20.00
1122	40.8840	117.5653	-320.0	395	TRD	0	0	0	0	69	18.6	2050	54	226	118	4.185	1.915	0.458	10.9	20.00
1123	40.8840	117.5648	-320.2	387	TRD	0	0	0	0	61	18.5	2357	85	183	171	2.153	1.070	0.497	10.9	20.00
1124	40.8840	117.5643	-322.5	360	TRD	0	0	0	0	56	18.2	2569	85	232	197	2.729	1.178	0.431	10.9	20.00
1125	40.8840	117.5638	-322.0	346	TRD	0	0	0	0	54	18.0	2644	105	255	176	2.429	1.449	0.597	10.9	20.00
1126	40.8840	117.5633	-323.1	351	TRD	0	0	0	0	50	18.1	2636	113	221	194	1.956	1.139	0.582	11.0	20.00
1127	40.8840	117.5628	-323.3	371	TRD	0	0	0	0	39	18.3	2616	101	238	224	2.356	1.063	0.451	11.0	20.00
1128	40.8841	117.5623	-321.1	406	TRD	0	0	0	0	45	18.7	2577	109	176	201	1.615	0.876	0.542	11.0	20.00
1129	40.8841	117.5618	-318.1	425	TRD	0	0	0	0	53	18.9	2634	126	159	214	1.262	0.743	0.589	11.1	20.00
1130	40.8841	117.5613	-317.8	437	TRD	0	0	0	0	55	19.0	2552	114	105	273	0.921	0.385	0.418	11.1	20.00
1131	40.8841	117.5608	-318.9	442	TRD	0	0	0	0	58	19.1	2659	92	231	209	2.511	1.105	0.440	11.0	20.00
1132	40.8841	117.5603	-317.7	445	TRD	0	0	0	0	67	19.1	2628	93	260	204	2.796	1.275	0.456	11.1	20.00
1133	40.8841	117.5598	-315.6	442	TRD	0	0	0	0	58	19.1	2653	99	198	219	2.000	0.904	0.452	11.0	20.00
1134	40.8841	117.5593	-313.1	425	TRD	0	0	0	0	39	18.9	2798	117	300	201	2.564	1.493	0.582	11.0	20.00
1135	40.8841	117.5588	-316.5	400	TRD	0	0	0	0	46	18.7	2819	135	237	205	1.756	1.156	0.659	11.0	20.00
1136	40.8841	117.5583	-316.8	372	TRD	0	0	0	0	53	18.3	2894	150	172	221	1.147	0.778	0.679	11.0	20.00
1137	40.8841	117.5578	-312.2	338	TRD	0	0	0	0	59	17.9	2967	120	281	238	2.342	1.181	0.504	10.9	20.00
1138	40.8841	117.5573	-309.8	305	TRD	0	0	0	0	68	17.6	2991	142	236	289	1.662	0.817	0.491	10.9	20.00
1139	40.8841	117.5568	-303.6	280	TRD	0	0	0	0	64	17.2	2903	119	300	249	2.521	1.205	0.478	10.9	20.00
1140	40.8841	117.5563	-299.0	254	TRD	0	0	0	0	63	16.9	2887	124	252	255	2.032	0.988	0.486	10.9	20.00
1141	40.8841	117.5558	-305.9	250	TRD	0	0	0	0	52	12.2	2775	140	213	233	1.521	0.914	0.601	10.8	20.00
1142	40.8841	117.5553	-310.1	267	TRD	0	0	0	0	61	12.3	2741	105	266	230	2.533	1.157	0.457	10.9	20.00
1143	40.8841	117.5548	-308.0	290	TRD	0	0	0	0	55	12.5	2658	139	267	185	1.921	1.443	0.751	10.9	20.00
1144	40.8841	117.5543	-310.7	313	TRD	0	0	0	0	65	12.7	2623	113	279	182	2.469	1.533	0.621	10.9	20.00
1145	40.8841	117.5538	-313.2	330	TRD	0	0	0	0	70	12.9	2730	115	134	295	1.165	0.454	0.390	10.9	20.00
1146	40.8842	117.5533	-314.9	347	TRD	0	0	0	0	69	13.0	2608	128	101	247	0.789	0.409	0.518	10.9	20.00
1147	40.8842	117.5528	-313.3	370	TRD	0	0	0	0	53	13.2	2685	117	111	320	0.949	0.347	0.366	10.8	20.00
1148	40.8842	117.5523	-310.5	390	TRD	0	0	0	0	47	13.4	2692	88	217	259	2.466	0.838	0.340	10.8	20.00
1149	40.8842	117.5518	-312.8	404	TRD	0	0	0	0	50	13.5	2791	116	216	215	1.862	1.005	0.540	10.8	20.00
1150	40.8842	117.5513	-308.9	406	TRD	0	0	0	0	47	13.5	2685	126	172	248	1.365	0.694	0.508	10.7	20.00
1151	40.8842	117.5508	-307.4	411	TRD	0	0	0	0	49	13.5	2667	136	199	192	1.463	1.036	0.708	10.7	20.00
1152	40.8842	117.5503	-303.8	414	TRD	0	0	0	0	70	13.6	2688	121	118	267	0.975	0.442	0.453	10.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1153	40.8842	117.5498	-298.8	419	TRD	0	0	0	0	75	13.6	2792	93	237	222	2.548	1.068	0.419	10.6	20.00
1154	40.8842	117.5493	-328.4	422	TRD	0	0	0	0	59	13.6	2800	91	230	262	2.527	0.878	0.347	10.6	20.00
1155	40.8842	117.5488	-309.5	425	TRD	0	0	0	0	52	13.6	2881	122	190	296	1.557	0.642	0.412	10.6	20.00
1156	40.8842	117.5483	-309.7	421	TRD	0	0	0	0	71	13.6	2817	105	257	212	2.448	1.212	0.495	10.7	20.00
1157	40.8842	117.5478	-303.1	413	TRD	0	0	0	0	53	13.6	2851	132	143	280	1.083	0.511	0.471	10.7	20.00
1158	40.8842	117.5473	-303.7	411	TRD	0	0	0	0	43	13.5	2867	129	180	263	1.395	0.684	0.490	10.7	20.00
1159	40.8842	117.5468	-302.4	432	TRD	0	0	0	0	57	13.7	2974	133	172	258	1.293	0.667	0.516	10.7	20.00
1160	40.8842	117.5462	-301.0	462	TRD	0	0	0	0	70	14.8	2963	132	189	291	1.432	0.649	0.454	10.7	20.00
1161	40.8842	117.5457	-298.0	449	TRD	0	0	0	0	68	14.7	3035	137	140	323	1.022	0.433	0.424	10.7	20.00
1162	40.8842	117.5452	-291.9	391	TRD	0	0	0	0	77	14.2	2938	127	198	227	1.559	0.872	0.559	10.7	20.00
1163	40.8842	117.5447	-286.6	315	TRD	0	0	0	0	54	13.5	2905	141	271	242	1.922	1.120	0.583	10.7	20.00
1164	40.8843	117.5442	-290.2	252	TRD	0	0	0	0	62	12.9	2872	139	205	273	1.475	0.751	0.509	10.8	20.00
1165	40.8843	117.5437	-309.1	219	TRD	0	0	0	0	62	12.6	2796	136	151	289	1.110	0.522	0.471	10.8	20.00
1166	40.8843	117.5432	-306.4	227	TRD	0	0	0	0	45	12.7	2665	134	223	221	1.664	1.009	0.606	10.8	20.00
1167	40.8843	117.5427	-297.6	250	TRD	0	0	0	0	70	12.9	2559	103	180	240	1.748	0.750	0.429	10.9	20.00
1168	40.8843	117.5422	-288.3	272	TRD	0	0	0	0	64	13.1	2460	112	152	202	1.357	0.752	0.554	10.9	20.00
1169	40.8843	117.5417	-283.0	292	TRD	0	0	0	0	51	13.3	2403	115	158	197	1.374	0.802	0.584	11.0	20.00
1170	40.8843	117.5412	-281.2	307	TRD	0	0	0	0	56	13.5	2625	103	161	287	1.563	0.561	0.359	10.9	20.00
1171	40.8843	117.5407	-283.0	313	TRD	0	0	0	0	65	13.5	2602	105	218	246	2.076	0.886	0.427	11.0	20.00
1172	40.8843	117.5402	-287.4	310	TRD	0	0	0	0	62	13.5	2714	87	284	229	3.264	1.240	0.380	11.0	20.00
1173	40.8843	117.5397	-292.3	308	TRD	0	0	0	0	50	13.5	2787	104	274	233	2.635	1.176	0.446	11.1	20.00
1174	40.8843	117.5392	-292.4	310	TRD	0	0	0	0	50	13.5	2869	115	156	329	1.357	0.474	0.350	11.1	20.00
1175	40.8843	117.5387	-292.9	324	TRD	0	0	0	0	39	13.6	2800	119	184	311	1.546	0.592	0.383	11.1	20.00
1176	40.8843	117.5382	-294.0	347	TRD	0	0	0	0	60	13.8	2803	102	195	240	1.912	0.813	0.425	11.1	20.00
1177	40.8843	117.5377	-291.9	373	TRD	0	0	0	0	47	14.1	2657	72	327	231	4.542	1.416	0.312	11.1	20.00
1178	40.8843	117.5372	-289.4	394	TRD	0	0	0	0	47	14.2	2749	102	146	297	1.431	0.492	0.343	11.1	20.00
1179	40.8843	117.5367	-288.8	419	TRD	0	0	0	0	50	14.2	2679	97	243	239	2.505	1.017	0.406	11.1	20.00
1180	40.8843	117.5362	-290.5	441	TRD	0	0	0	0	48	14.4	2804	109	269	235	2.468	1.145	0.464	11.1	20.00
1181	40.8843	117.5357	-290.8	475	TRD	0	0	0	0	56	14.7	2844	118	209	236	1.771	0.886	0.500	11.0	20.00
1182	40.8844	117.5352	-292.1	487	TRD	0	0	0	0	61	14.8	2875	88	257	280	2.920	0.918	0.314	11.1	20.00
1183	40.8844	117.5347	-292.4	487	TRD	0	0	0	0	43	14.8	2967	99	318	244	3.212	1.303	0.406	11.1	20.00
1184	40.8844	117.5342	-289.3	458	TRD	0	0	0	0	58	14.5	2725	114	225	200	1.974	1.125	0.570	11.2	20.00
1185	40.8844	117.5337	-288.9	423	TRD	0	0	0	0	71	14.3	2710	89	173	251	1.944	0.689	0.355	11.2	20.00
1186	40.8844	117.5332	-285.0	398	TRD	0	0	0	0	52	14.1	2488	86	200	228	2.326	0.877	0.377	11.3	20.00
1187	40.8844	117.5327	-290.8	379	TRD	0	0	0	0	45	13.9	2447	78	172	203	2.205	0.847	0.384	11.3	20.00
1188	40.8844	117.5322	-287.2	375	TRD	0	0	0	0	65	13.9	2436	75	225	204	3.000	1.103	0.368	11.4	20.00
1189	40.8844	117.5317	-286.3	376	TRD	0	0	0	0	58	13.9	2503	91	164	241	1.802	0.680	0.378	11.3	20.00
1190	40.8844	117.5312	-281.6	384	TRD	0	0	0	0	50	13.9	2422	96	130	260	1.354	0.500	0.369	11.4	20.00
1191	40.8844	117.5307	-282.6	387	TRD	0	0	0	0	39	14.0	2331	75	228	202	3.040	1.129	0.371	11.4	20.00
1192	40.8844	117.5302	-283.0	392	TRD	0	0	0	0	63	14.0	2424	50	212	238	4.240	0.891	0.210	11.4	20.00
1193	40.8844	117.5297	-276.1	395	TRD	0	0	0	0	39	14.0	2456	68	210	247	3.088	0.850	0.275	11.4	20.00
1194	40.8844	117.5292	-276.6	403	TRD	0	0	0	0	62	14.1	2526	88	199	213	2.261	0.934	0.413	11.4	20.00
1195	40.8844	117.5287	-274.1	415	TRD	0	0	0	0	50	14.2	2505	101	196	227	1.941	0.863	0.445	11.5	20.00
1196	40.8844	117.5282	-277.2	424	TRD	0	0	0	0	57	14.3	2552	93	233	210	2.505	1.110	0.443	11.5	20.00
1197	40.8844	117.5277	-278.2	437	TRD	0	0	0	0	42	14.4	2714	104	226	228	2.173	0.991	0.456	11.6	20.00
1198	40.8844	117.5272	-275.2	447	TRD	0	0	0	0	44	16.1	2737	70	208	260	2.971	0.800	0.269	11.6	20.00
1199	40.8845	117.5267	-275.3	453	TRD	0	0	0	0	47	16.1	2676	99	194	229	1.960	0.847	0.432	11.6	20.00
1200	40.8845	117.5262	-280.1	455	TRD	0	0	0	0	57	16.2	2683	64	223	298	3.484	0.748	0.215	11.6	20.00
1201	40.8845	117.5257	-276.9	464	TRD	0	0	0	0	56	16.2	2630	83	252	219	3.036	1.151	0.379	11.6	20.00
1202	40.8845	117.5252	-274.0	464	TRD	0	0	0	0	39	16.2	2707	115	200	195	1.739	1.026	0.590	11.7	20.00
1203	40.8845	117.5247	-273.6	442	TRD	0	0	0	0	40	16.0	2677	74	275	243	3.716	1.132	0.305	11.7	20.00
1204	40.8845	117.5242	-276.4	418	TRD	0	0	0	0	54	15.8	2572	89	166	247	1.865	0.672	0.360	11.7	20.00
1205	40.8845	117.5237	-276.3	413	TRD	0	0	0	0	47	15.8	2602	105	217	196	2.067	1.107	0.536	11.7	20.00
1206	40.8845	117.5232	-276.4	416	TRD	0	0	0	0	49	15.8	2696	82	248	244	3.024	1.016	0.336	11.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1207	40.8845	117.5227	-276.2	423	TRD	0	0	0	0	49	15.9	2558	91	256	145	2.813	1.766	0.628	11.9	20.00
1208	40.8845	117.5222	-276.4	432	TRD	0	0	0	0	39	15.9	2725	78	219	260	2.808	0.842	0.300	11.9	20.00
1209	40.8845	117.5217	-275.1	433	TRD	0	0	0	0	53	16.0	2572	96	163	266	1.698	0.613	0.361	11.9	20.00
1210	40.8845	117.5212	-272.8	419	QOA1	0	0	0	0	53	15.8	2502	84	243	175	2.893	1.389	0.480	11.8	20.00
1211	40.8845	117.5207	-276.0	405	QOA1	0	0	0	0	48	15.7	2381	77	159	226	2.065	0.704	0.341	11.9	20.00
1212	40.8845	117.5202	-280.0	390	QOA1	0	0	0	0	47	15.6	2265	86	120	242	1.395	0.496	0.355	11.9	20.00
1213	40.8845	117.5197	-278.9	381	QOA1	0	0	0	0	52	15.5	2210	73	192	187	2.630	1.027	0.390	12.0	20.00
1214	40.8845	117.5192	-277.1	371	QOA1	0	0	0	0	53	15.4	2196	91	89	207	0.978	0.430	0.440	12.1	20.00
1215	40.8845	117.5187	-274.8	365	QOA1	0	0	0	0	59	15.3	2229	90	158	157	1.756	1.006	0.573	12.1	20.00
1216	40.8845	117.5182	-274.7	364	QOA1	0	0	0	0	42	15.3	2219	83	147	165	1.771	0.891	0.503	12.2	20.00
1217	40.8846	117.5177	-276.6	363	QOA1	0	0	0	0	44	19.0	2319	85	173	201	2.035	0.861	0.423	12.2	20.00
1218	40.8846	117.5171	-275.6	367	QOA1	0	0	0	0	49	19.1	2258	84	200	184	2.381	1.087	0.457	12.2	20.00
1219	40.8846	117.5166	-270.7	375	QOA1	0	0	0	0	39	19.2	2304	76	158	217	2.079	0.728	0.350	12.3	20.00
1220	40.8846	117.5161	-267.7	379	QOA1	0	0	0	0	49	19.2	2427	108	74	261	0.685	0.284	0.414	12.2	20.00
1221	40.8845	117.5156	-265.8	386	QOA1	0	0	0	0	45	19.3	2401	81	180	199	2.222	0.905	0.407	12.3	20.00
1222	40.8844	117.5150	-266.5	401	QOA1	0	0	0	0	63	19.5	2365	91	164	180	1.802	0.911	0.506	12.3	20.00
1223	40.8844	117.5145	-266.5	411	QOA1	0	0	0	0	56	19.6	2411	77	179	229	2.325	0.782	0.336	12.4	20.00
1224	40.8843	117.5139	-256.6	408	QOA1	0	0	0	0	46	19.5	2398	74	204	200	2.757	1.020	0.370	12.4	20.00
1225	40.8842	117.5134	-266.3	426	QOA1	0	0	0	0	57	19.7	2342	79	147	234	1.861	0.628	0.338	12.4	20.00
1226	40.8842	117.5128	-261.3	460	QOA1	0	0	0	0	50	20.1	2361	98	177	179	1.806	0.989	0.547	12.4	20.00
1227	40.8841	117.5123	-256.7	481	QOA1	0	0	0	0	46	20.3	2463	93	209	132	2.247	1.583	0.705	12.3	20.00
1228	40.8840	117.5117	-257.5	487	QOA1	0	0	0	0	43	20.4	2380	73	180	242	2.466	0.744	0.302	12.3	20.00
1229	40.8839	117.5112	-260.1	490	QOA1	0	0	0	0	57	20.4	2273	64	132	204	2.063	0.647	0.314	12.3	20.00
1230	40.8839	117.5106	-255.6	495	QOA1	0	0	0	0	49	20.5	2168	64	177	158	2.766	1.120	0.405	12.4	20.00
1231	40.8838	117.5101	-252.1	501	QOA1	0	0	0	0	52	20.6	2121	56	167	155	2.982	1.077	0.361	12.4	20.00
1232	40.8837	117.5095	-249.7	532	QOA1	0	0	0	0	64	20.9	2162	83	81	185	0.976	0.438	0.449	12.3	20.00
1233	40.8837	117.5090	-245.6	560	QOA1	0	0	0	0	51	21.1	2175	48	152	178	3.167	0.854	0.270	12.4	20.00
1234	40.8836	117.5084	-244.5	582	QOA1	0	0	0	0	48	21.3	2273	53	117	233	2.208	0.502	0.227	12.4	20.00
1235	40.8835	117.5079	-240.4	571	QOA1	0	0	0	0	45	21.2	2287	50	214	172	4.280	1.244	0.291	12.4	20.00
1236	40.8835	117.5073	-234.6	531	QOA1	0	0	0	0	48	30.0	2199	57	134	197	2.351	0.680	0.289	12.3	20.00
1237	40.8834	117.5068	-226.2	495	QOA1	0	0	0	0	43	29.4	2062	60	127	161	2.117	0.789	0.373	12.2	20.00
1238	40.8833	117.5062	-217.3	491	QOA1	0	0	0	0	51	29.4	1895	43	106	170	2.465	0.624	0.253	12.2	20.00
1239	40.8832	117.5057	-210.5	478	QOA1	0	0	0	0	47	29.2	1787	44	77	173	1.750	0.445	0.254	12.2	20.00
1240	40.8832	117.5051	-192.5	455	QOA1	0	0	0	0	68	28.8	1685	48	59	135	1.229	0.437	0.356	12.2	20.00
1241	40.8831	117.5046	-182.2	443	QOA1	0	0	0	0	44	28.6	1662	38	136	109	3.579	1.248	0.349	12.1	20.00
1242	40.8830	117.5040	-175.3	448	QOA1	0	0	0	0	54	28.7	1792	38	147	123	3.868	1.195	0.309	12.1	20.00
1243	40.8830	117.5035	-170.5	457	QOA1	0	0	0	0	45	28.8	1827	42	104	164	2.476	0.634	0.256	12.1	20.00
1244	40.8829	117.5029	-167.0	444	QOA1	0	0	0	0	41	28.7	1798	34	158	127	4.647	1.244	0.268	12.1	20.00
1245	40.8828	117.5024	-163.2	424	EOM	0	0	0	0	59	28.3	1746	50	88	155	1.760	0.568	0.323	12.1	20.00
1246	40.8828	117.5018	-159.5	396	EOM	0	0	0	0	50	27.9	1757	57	95	149	1.759	0.638	0.362	12.1	20.00
1247	40.8827	117.5013	-155.3	370	EOM	0	0	0	0	53	27.5	1712	44	52	170	1.182	0.306	0.259	12.1	20.00
1248	40.8826	117.5007	-146.8	351	EOM	0	0	0	0	62	27.1	1612	39	84	138	2.154	0.609	0.283	12.0	20.00
1249	40.8825	117.5002	-142.0	339	EOM	0	0	0	0	46	26.9	1538	51	84	114	1.647	0.737	0.447	11.9	20.00
1250	40.8825	117.4996	-136.6	335	EOM	0	0	0	0	52	26.8	1585	48	45	146	0.938	0.308	0.329	11.9	20.00
1251	40.8824	117.4991	-128.2	334	EOM	0	0	0	0	51	26.8	1620	35	180	93	5.143	1.935	0.376	11.9	20.00
1252	40.8823	117.4985	-115.6	331	EOM	0	0	0	0	54	26.8	1545	38	70	166	1.842	0.422	0.229	11.9	20.00
1253	40.8823	117.4980	-96.9	330	EOM	0	0	0	0	47	26.8	1480	26	140	124	5.385	1.129	0.210	11.8	20.00
1254	40.8822	117.4974	-83.7	330	EOM	0	0	0	0	56	26.8	1552	54	72	119	1.333	0.605	0.454	11.8	20.00
1255	40.8821	117.4969	-65.0	336	EOM	0	0	1	0	50	27.0	1429	41	7	160	0.171	0.044	0.256	11.8	20.00
1256	40.8821	117.4963	-65.0	354	EOM	0	0	0	0	48	27.3	1517	60	43	131	0.717	0.328	0.458	11.8	20.00
1257	40.8820	117.4958	-59.0	385	EOM	0	0	0	0	55	27.8	1567	45	93	93	2.067	1.000	0.484	11.8	20.00
1258	40.8819	117.4952	-63.8	423	EOM	0	0	0	0	51	28.4	1640	53	80	89	1.509	0.899	0.596	11.7	20.00
1259	40.8818	117.4947	-71.0	464	EOM	0	0	0	0	54	29.1	1661	51	97	124	1.902	0.782	0.411	11.7	20.00
1260	40.8818	117.4941	-74.9	490	EOM	0	0	0	0	49	29.5	1772	65	98	136	1.508	0.721	0.478	11.6	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1261	40.8817	117.4936	-77.9	494	EOM	0	0	0	0	47	29.5	1787	55	94	126	1.709	0.746	0.437	11.6	20.00
1262	40.8816	117.4930	-83.8	497	EOM	0	0	0	0	48	29.6	1740	55	110	123	2.000	0.894	0.447	11.5	20.00
1263	40.8816	117.4925	-85.1	496	EOM	0	0	0	0	44	29.6	1811	73	104	110	1.425	0.945	0.664	11.5	20.00
1264	40.8815	117.4919	-87.7	494	EOM	0	0	0	0	50	29.5	1770	39	92	163	2.359	0.564	0.239	11.4	20.00
1265	40.8814	117.4914	-90.3	495	EOM	0	0	0	0	52	29.5	1756	64	100	105	1.563	0.952	0.610	11.3	20.00
1266	40.8814	117.4908	-95.6	497	EOM	0	0	0	0	53	29.6	1893	56	138	108	2.464	1.278	0.519	11.3	20.00
1267	40.8813	117.4903	-104.6	509	EOM	0	0	0	0	60	29.8	1871	53	105	118	1.981	0.890	0.449	11.3	20.00
1268	40.8812	117.4897	-106.7	534	EOM	0	0	0	0	51	30.1	1984	49	90	199	1.837	0.452	0.246	11.3	20.00
1269	40.8812	117.4892	-115.7	540	EOM	0	0	0	0	55	30.2	2059	59	125	132	2.119	0.947	0.447	11.3	20.00
1270	40.8811	117.4886	-120.2	527	EOM	0	0	0	0	44	30.0	2112	72	76	190	1.056	0.400	0.379	11.3	20.00
1271	40.8810	117.4881	-116.7	507	EOM	0	0	0	0	47	29.7	2195	55	136	201	2.473	0.677	0.274	11.3	20.00
1272	40.8809	117.4875	-112.4	495	EOM	0	0	0	0	43	29.6	2089	74	145	147	1.959	0.986	0.503	11.3	20.00
1273	40.8809	117.4870	-70.2	494	EOM	0	0	0	0	41	29.5	2183	67	111	208	1.657	0.534	0.322	11.3	20.00
1274	40.8808	117.4864	-44.1	490	EOM	0	0	0	0	48	30.5	2220	77	103	217	1.338	0.475	0.355	11.3	20.00
1275	40.8807	117.4859	-13.8	472	EOM	0	0	0	0	48	30.2	2330	59	164	259	2.780	0.633	0.228	11.3	20.00
1276	40.8807	117.4853	14.0	431	EOM	0	0	0	0	67	29.6	2301	62	176	230	2.839	0.765	0.270	11.3	20.00
1277	40.8806	117.4848	34.4	398	EOM	0	0	0	0	34	29.0	2356	67	85	300	1.269	0.283	0.223	11.3	20.00
1278	40.8805	117.4842	45.6	370	EOM	0	0	0	0	42	28.5	2189	73	178	175	2.438	1.017	0.417	11.3	20.00
1279	40.8805	117.4837	46.2	357	EOM	0	0	0	0	54	28.3	2302	85	127	233	1.494	0.545	0.365	11.4	20.00
1280	40.8804	117.4831	41.5	344	EOM	0	0	0	0	54	28.1	2281	67	122	252	1.821	0.484	0.266	11.3	20.00
1281	40.8803	117.4826	30.1	337	EOM	0	0	0	0	48	27.9	2194	63	117	251	1.857	0.466	0.251	11.3	20.00
1282	40.8802	117.4820	9.5	339	EOM	0	0	0	0	42	28.0	2231	51	198	206	3.882	0.961	0.248	11.3	20.00
1283	40.8802	117.4815	-12.5	344	EOM	0	0	0	0	70	28.1	2133	81	85	207	1.049	0.411	0.391	11.4	20.00
1284	40.8801	117.4809	-32.8	356	EOM	0	0	0	0	37	28.3	2158	74	155	183	2.095	0.847	0.404	11.4	20.00
1285	40.8800	117.4804	-49.8	366	EOM	0	0	0	0	47	28.4	2217	71	114	239	1.606	0.477	0.297	11.5	20.00
1286	40.8800	117.4798	-63.8	368	EOM	0	0	0	0	54	28.5	2135	94	53	211	0.564	0.251	0.445	11.6	20.00
1287	40.8799	117.4793	-77.5	357	EOM	0	0	0	0	43	28.3	1990	58	142	160	2.448	0.888	0.363	11.7	20.00
1288	40.8798	117.4787	-89.2	343	EOM	0	0	0	0	44	28.0	2033	52	132	200	2.538	0.660	0.260	11.7	20.00
1289	40.8798	117.4782	-99.4	334	EOM	0	0	0	0	61	27.9	1902	51	93	184	1.824	0.505	0.277	11.7	20.00
1290	40.8797	117.4776	-122.5	328	QOA1	0	0	0	0	39	27.8	1859	64	114	154	1.781	0.740	0.416	11.7	20.00
1291	40.8796	117.4771	-129.9	325	QOA1	0	0	0	0	53	27.7	1843	46	68	213	1.478	0.319	0.216	11.7	20.00
1292	40.8795	117.4765	-140.1	331	QOA1	0	0	0	0	40	27.8	1842	56	136	160	2.429	0.850	0.350	11.7	20.00
1293	40.8795	117.4760	-143.5	332	QOA1	0	0	0	0	61	23.3	1817	51	132	149	2.588	0.886	0.342	11.7	20.00
1294	40.8794	117.4755	-144.1	328	QOA1	0	0	0	0	47	23.2	1796	53	123	193	2.321	0.637	0.275	11.7	20.00
1295	40.8793	117.4749	-140.9	328	QOA1	0	0	0	0	51	23.2	1886	58	105	192	1.810	0.547	0.302	11.7	20.00
1296	40.8793	117.4743	-133.7	332	QOA1	0	0	0	0	36	23.3	1808	50	80	161	1.600	0.497	0.311	11.8	20.00
1297	40.8792	117.4738	-128.5	336	QOA1	0	0	0	0	44	23.4	1881	53	156	143	2.943	1.091	0.371	11.8	20.00
1298	40.8791	117.4732	-126.0	344	QOA1	0	0	0	0	38	23.5	1901	55	184	107	3.345	1.720	0.514	11.9	20.00
1299	40.8791	117.4727	-126.5	352	QOA1	0	0	0	0	38	23.6	1915	45	154	175	3.422	0.880	0.257	11.9	20.00
1300	40.8790	117.4722	-133.6	358	QOA1	0	0	0	0	47	23.7	1757	54	87	169	1.611	0.515	0.320	11.9	20.00
1301	40.8789	117.4716	-135.4	363	QOA1	0	0	0	0	43	23.8	1842	50	106	166	2.120	0.639	0.301	12.0	20.00
1302	40.8789	117.4710	-132.6	379	QOA1	0	0	0	0	45	24.0	1803	45	130	152	2.889	0.855	0.296	12.0	20.00
1303	40.8789	117.4704	-128.5	384	QOA1	0	0	0	0	41	24.1	1717	45	160	116	3.556	1.379	0.388	12.0	20.00
1304	40.8789	117.4698	-136.9	379	QOA1	0	0	0	0	35	24.0	1674	51	158	95	3.098	1.663	0.537	12.0	20.00
1305	40.8789	117.4693	-152.2	363	QOA1	0	0	0	0	43	23.8	1507	27	92	150	3.407	0.613	0.180	12.0	20.00
1306	40.8790	117.4687	-159.4	352	QOA1	0	0	0	0	51	23.6	1536	25	117	138	4.680	0.848	0.181	12.1	20.00
1307	40.8790	117.4681	-155.8	344	QOA1	0	0	0	0	44	23.5	1594	29	120	140	4.138	0.857	0.207	12.1	20.00
1308	40.8790	117.4675	-150.0	340	QOA1	0	0	0	0	48	23.4	1595	38	144	103	3.789	1.398	0.369	12.1	20.00
1309	40.8790	117.4669	-145.9	341	QOA1	0	0	0	0	45	23.4	1717	42	123	156	2.929	0.788	0.269	12.1	20.00
1310	40.8790	117.4663	-148.7	345	QOA1	0	0	0	0	44	23.5	1748	49	75	184	1.531	0.408	0.266	12.1	20.00
1311	40.8790	117.4657	-160.5	353	QOA1	0	0	0	0	47	23.6	1761	55	75	174	1.364	0.431	0.316	12.2	20.00
1312	40.8790	117.4652	-167.6	360	QOA1	0	0	0	0	44	24.2	1780	52	105	149	2.019	0.705	0.349	12.2	20.00
1313	40.8790	117.4646	-166.4	368	QOA1	0	0	0	0	51	24.3	1722	58	101	139	1.741	0.727	0.417	12.3	20.00
1314	40.8790	117.4640	-163.0	380	QOA1	0	0	0	0	45	24.5	1820	69	121	109	1.754	1.110	0.633	12.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1315	40.8790	117.4634	-157.5	390	QOA1	0	0	0	0	38	24.6	1823	52	139	130	2.673	1.069	0.400	12.4	20.00
1316	40.8790	117.4628	-154.1	395	QOA1	0	0	0	0	63	24.7	1841	53	88	171	1.660	0.515	0.310	12.5	20.00
1317	40.8790	117.4622	-153.4	403	QOA1	0	0	0	0	30	24.8	1797	47	135	145	2.872	0.931	0.324	12.4	20.00
1318	40.8791	117.4616	-159.0	407	QOA1	0	0	0	0	45	24.9	1855	45	115	182	2.556	0.632	0.2[illegible]7	12.5	20.00
1319	40.8791	117.4610	-162.8	412	QOA1	0	0	0	0	41	24.9	1746	56	103	130	1.839	0.792	0.451	12.5	20.00
1320	40.8791	117.4605	-174.0	413	QOA1	0	0	0	0	57	24.9	1783	70	45	148	0.643	0.304	0.473	12.4	20.00
1321	40.8791	117.4599	-183.1	417	QOA1	0	0	0	0	43	25.0	1806	58	119	122	2.052	0.975	0.475	12.4	20.00
1322	40.8791	117.4593	-183.2	418	QOA1	0	0	0	0	53	25.0	1796	51	138	138	2.706	1.000	0.370	12.4	20.00
1323	40.8791	117.4587	-180.8	421	QOA1	0	0	0	0	64	25.0	1810	37	127	127	3.432	1.000	0.291	12.5	20.00
1324	40.8791	117.4581	-171.0	417	QOA1	0	0	0	0	47	25.0	1797	44	129	129	2.932	1.000	0.341	12.4	20.00
1325	40.8791	117.4575	-162.6	417	QOA1	0	0	0	0	52	25.0	1844	45	153	146	3.400	1.048	0.308	12.5	20.00
1326	40.8791	117.4569	-159.2	419	QOA1	0	0	0	0	51	25.0	1834	52	153	121	2.942	1.264	0.430	12.5	20.00
1327	40.8791	117.4564	-155.3	423	QOA1	0	0	0	0	47	25.1	1738	51	95	116	1.863	0.819	0.440	12.5	20.00
1328	40.8791	117.4558	-155.9	425	QOA1	0	0	0	0	47	25.1	1854	60	108	158	1.800	0.684	0.380	12.5	20.00
1329	40.8791	117.4552	-152.6	424	QOA1	0	0	0	0	55	25.1	1914	50	111	173	2.220	0.642	0.289	12.6	20.00
1330	40.8791	117.4546	-151.7	422	QOA1	0	0	0	0	50	25.1	1878	58	53	186	0.914	0.285	0.312	12.6	20.00
1331	40.8792	117.4540	-148.6	418	QOA1	0	0	0	0	50	27.0	1791	57	122	112	2.140	1.089	0.509	12.6	20.00
133[illegible]	40.8792	117.4534	-143.0	417	QOA1	0	0	0	0	63	27.0	1895	72	36	181	0.500	0.199	0.398	12.6	20.00
1333	40.8792	117.4528	-139.9	420	QOA1	0	0	0	0	46	27.1	1980	57	175	136	3.070	1.287	0.419	12.6	20.00
1334	40.8792	117.4523	-142.5	421	QOA1	0	0	0	0	43	27.1	1881	62	48	201	0.774	0.239	0.308	12.6	20.00
1335	40.8792	117.4517	-144.9	419	QOA1	0	0	0	0	50	27.0	1967	52	91	209	1.750	0.435	0.249	12.6	20.00
1336	40.8792	117.4511	-152.1	416	QOA1	0	0	0	0	42	27.0	1811	42	136	173	3.238	0.786	0.243	12.6	20.00
1337	40.8792	117.4505	-160.2	414	QOA1	0	0	0	0	26	27.0	1962	62	92	181	1.484	0.508	0.343	12.5	20.00
1338	40.8792	117.4499	-177.6	416	QOA1	0	0	0	0	34	27.0	2022	52	111	211	2.135	0.526	0.246	12.5	20.00
1339	40.8792	117.4493	-177.7	415	QOA1	0	0	0	0	43	27.0	2020	76	66	202	0.868	0.327	0.376	12.5	20.00
1340	40.8792	117.4487	-201.1	421	QOA1	0	0	0	0	45	27.1	2194	75	151	191	2.013	0.791	0.393	12.5	20.00
1341	40.8792	117.4482	-214.2	422	QOA1	0	0	0	0	43	27.1	2118	59	147	204	2.492	0.721	0.289	12.4	20.00
1342	40.8792	117.4476	-227.0	426	QOA1	0	0	0	0	53	27.1	2185	79	116	182	1.468	0.637	0.434	12.4	20.00
1343	40.8792	117.4470	-230.2	424	QOA1	0	0	0	0	55	27.1	2150	70	30	268	0.429	0.112	0.261	12.4	20.00
1344	40.8793	117.4464	-229.2	414	QOA1	0	0	0	0	52	27.0	2069	77	59	240	0.766	0.246	0.321	12.4	20.00
1345	40.8793	117.4458	-220.9	397	QOA1	0	0	0	0	59	26.7	2222	75	156	185	2.080	0.843	0.405	12.4	20.00
1346	40.8793	117.4452	-215.1	392	QOA1	0	0	0	0	46	26.6	2166	75	142	215	1.893	0.660	0.349	12.4	20.00
1347	40.8793	117.4446	-203.3	382	QOA1	0	0	0	0	50	26.5	2090	70	145	167	2.071	0.868	0.419	12.4	20.00
1348	40.8793	117.4441	-193.3	372	QOA1	0	0	0	0	44	26.3	2080	63	134	199	2.127	0.673	0.317	12.4	20.00
1349	40.8793	117.4435	-184.6	383	QOA1	0	0	0	0	41	26.5	2008	48	133	217	2.771	0.613	0.221	12.4	20.00
1350	40.8793	117.4429	-184.0	403	QOA1	0	0	0	0	71	27.5	1973	45	69	229	1.533	0.301	0.197	12.3	20.00
1351	40.8793	117.4423	-187.6	413	IPP1	0	0	0	0	58	27.7	1935	61	31	221	0.508	0.140	0.276	12.3	20.00
1352	40.8793	117.4417	-193.5	411	IPP1	0	0	0	0	60	27.7	1881	56	118	173	2.107	0.682	0.324	12.4	20.00
1353	40.8793	117.4411	-199.1	411	IPP1	0	0	0	0	49	27.7	1864	56	87	164	1.554	0.530	0.341	12.3	20.00
1354	40.8793	117.4405	-204.5	407	IPP1	0	0	0	0	44	27.6	1727	53	82	157	1.547	0.522	0.338	12.3	20.00
1355	40.8793	117.4399	-210.7	400	IPP1	0	0	0	0	40	27.5	1744	44	96	160	2.182	0.600	0.275	12.3	20.00
1356	40.8793	117.4394	-223.6	398	IPP1	0	0	0	0	62	27.4	1741	34	141	120	4.147	1.175	0.283	12.3	20.00
1357	40.8794	117.4388	-230.2	405	IPP1	0	0	0	0	54	27.6	1761	46	85	143	1.848	0.594	0.322	12.2	20.00
1358	40.8794	117.4382	-235.3	410	IPP1	0	0	1	0	48	27.6	1826	92	-4	189	-0.043	-0.021	0.487	12.2	20.00
1359	40.8794	117.4376	-245.9	409	IPP1	0	0	0	0	54	27.6	1723	59	59	155	1.000	0.381	0.381	12.2	20.00
1360	40.8794	117.4370	-256.4	401	IPP1	0	0	0	0	42	27.5	1741	53	126	135	2.377	0.933	0.393	12.2	20.00
1361	40.8794	117.4364	-270.1	390	IPP1	0	0	0	0	46	27.3	1759	43	113	151	2.628	0.748	0.285	12.1	20.00
1362	40.8794	117.4358	-285.9	375	IPP1	0	0	0	0	46	27.1	1663	53	56	164	1.057	0.341	0.323	12.1	20.00
1363	40.8794	117.4353	-299.4	352	IPP1	0	0	0	0	52	26.7	1638	62	45	147	0.726	0.306	0.422	12.1	20.00
1364	40.8794	117.4347	-287.8	326	IPP1	0	0	0	0	59	26.2	1671	34	146	142	4.294	1.028	0.239	12.0	20.00
1365	40.8794	117.4341	-246.1	304	IPP1	0	0	0	0	68	25.8	1625	44	41	191	0.932	0.215	0.230	12.0	20.00
1366	40.8794	117.4335	-211.0	302	IPP1	0	0	0	0	61	25.8	1488	26	77	146	2.962	0.527	0.178	11.9	20.00
1367	40.8794	117.4329	-192.7	325	IPP1	0	0	0	0	54	26.2	1571	30	82	179	2.733	0.458	0.168	11.9	20.00
1368	40.8794	117.4323	-161.9	343	IPP1	0	0	0	0	41	26.5	1557	28	106	164	3.786	0.646	0.171	11.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1369	40.8795	117.4317	-94.8	342	IPP1	0	0	0	0	64	30.4	1594	28	127	147	4.536	0.864	0.190	11.9	20.00
1370	40.8795	117.4312	8.8	335	IPP1	0	0	0	0	46	30.3	1531	31	65	160	2.097	0.406	0.194	11.7	20.00
1371	40.8795	117.4306	135.2	343	IPP1	0	0	0	0	64	30.4	1521	42	63	122	1.500	0.516	0.344	11.7	20.00
1372	40.8795	117.4300	268.4	349	IPP1	0	0	0	0	61	30.6	1484	31	52	180	1.677	0.289	0.172	11.7	20.00
1373	40.8795	117.4294	383.8	363	IPP1	0	0	0	0	55	30.8	1503	32	115	119	3.594	0.966	0.269	11.7	20.00
1374	40.8795	117.4288	310.5	373	IPP1	0	0	0	0	53	31.0	1377	29	87	109	3.000	0.798	0.266	11.6	20.00
1375	40.8795	117.4282	149.5	384	IPP1	0	0	0	0	43	31.2	1442	43	49	112	1.140	0.438	0.384	11.6	20.00
1376	40.8795	117.4276	-47.3	400	IPP1	0	0	0	0	49	31.5	1417	39	69	118	1.769	0.585	0.331	11.6	20.00
1377	40.8795	117.4271	-199.1	430	IPP1	0	0	0	0	51	32.1	1556	40	144	72	3.600	2.000	0.556	11.6	20.00
1378	40.8795	117.4265	-282.7	443	IPP1	0	0	0	0	57	32.3	1669	40	120	118	3.000	1.017	0.339	11.5	20.00
1379	40.8795	117.4259	-320.4	408	IPP1	0	0	0	0	43	31.7	1740	48	70	149	1.458	0.470	0.322	11.5	20.00
1380	40.8795	117.4253	-338.7	377	IPP1	0	0	0	0	36	31.1	1697	43	142	126	3.302	1.127	0.341	11.4	20.00
1381	40.8795	117.4247	-341.9	369	IPP1	0	0	0	0	43	30.9	1729	49	42	143	0.857	0.294	0.343	11.5	20.00
1382	40.8796	117.4241	-335.6	366	IPP1	0	0	0	0	55	30.9	1719	46	115	133	2.500	0.865	0.346	11.4	20.00
1383	40.8796	117.4235	-329.4	350	IPP1	0	0	0	0	43	30.6	1702	74	41	144	0.554	0.285	0.514	11.3	20.00
1384	40.8796	117.4229	-325.9	329	IPP1	0	0	0	0	64	30.2	1617	36	119	120	3.306	0.992	0.300	11.3	20.00
1385	40.8796	117.4224	-321.9	312	IPP1	0	0	0	0	50	29.8	1568	46	77	168	1.674	0.458	0.274	11.3	20.00
1386	40.8796	117.4218	-318.8	312	IPP1	0	0	0	0	54	29.8	1476	23	86	150	3.739	0.573	0.153	11.2	20.00
1387	40.8796	117.4212	-314.3	303	IPP1	0	0	0	0	51	29.6	1295	39	44	107	1.128	0.411	0.364	11.2	20.00
1388	40.8796	117.4206	-305.5	288	IPP1	0	0	0	0	44	29.2	1153	30	55	99	1.833	0.556	0.303	11.3	20.00
1389	40.8796	117.4200	-305.7	280	IPP1	0	0	0	0	47	29.1	1110	23	52	98	2.261	0.531	0.235	11.3	20.00
1390	40.8796	117.4194	-310.5	299	IPP1	0	0	0	0	55	29.5	1060	25	33	66	1.320	0.500	0.379	11.4	20.00
1391	40.8796	117.4188	-313.3	337	IPP1	0	0	0	0	49	30.2	1178	25	38	80	1.520	0.475	0.313	11.3	20.00
1392	40.8796	117.4183	-316.8	384	IPP1	0	0	0	0	61	31.1	1233	20	44	121	2.200	0.364	0.165	11.4	20.00
1393	40.8796	117.4177	-323.2	410	IPP1	0	0	0	0	65	31.6	1239	22	66	81	3.000	0.815	0.272	11.3	20.00
1394	40.8796	117.4171	-330.5	413	IPP1	0	0	0	0	68	31.7	1253	10	88	95	8.800	0.926	0.105	11.2	20.00
1395	40.8797	117.4165	-335.8	402	IPP1	0	0	0	0	55	31.5	1325	22	62	93	2.818	0.667	0.237	11.2	20.00
1396	40.8797	117.4159	-342.7	398	IPP1	0	0	0	0	57	31.4	1359	25	73	122	2.920	0.598	0.205	11.1	20.00
1397	40.8797	117.4153	-348.1	400	IPP1	0	0	0	0	54	31.4	1361	37	60	106	1.622	0.566	0.349	11.1	20.00
1398	40.8797	117.4147	-344.7	401	IPP1	0	0	0	0	50	31.5	1428	36	63	117	1.750	0.538	0.308	11.0	20.00
1399	40.8797	117.4142	-336.4	394	IPP1	0	0	0	0	48	31.3	1520	38	32	170	0.842	0.188	0.224	11.0	20.00
1400	40.8797	117.4136	-311.2	370	IPP1	0	0	1	0	55	30.9	1378	34	19	142	0.559	0.134	0.239	11.0	20.00
1401	40.8797	117.4130	-274.4	357	IPP1	0	0	0	0	48	30.6	1449	40	81	103	2.025	0.786	0.388	11.0	20.00
1402	40.8797	117.4124	-238.7	375	IPP1	0	0	0	0	48	31.0	1510	31	56	131	1.806	0.427	0.237	11.1	20.00
1403	40.8797	117.4118	-214.0	382	IPP1	0	0	0	0	64	31.1	1515	24	58	169	2.417	0.343	0.142	11.1	20.00
1404	40.8797	117.4112	-214.1	356	IPP1	0	0	0	0	55	30.6	1529	32	54	145	1.688	0.372	0.221	11.1	20.00
1405	40.8797	117.4106	-282.9	335	IPP1	0	0	1	0	51	30.2	1519	34	13	191	0.382	0.068	0.178	11.1	20.00
1406	40.8797	117.4101	-283.0	337	IPP1	0	0	1	0	64	30.2	1478	36	16	186	0.444	0.086	0.194	11.1	20.00
1407	40.8797	117.4095	-367.1	368	IPP1	0	0	0	0	54	33.3	1562	29	76	165	2.621	0.461	0.176	11.0	20.00
1408	40.8798	117.4089	-383.9	386	IPP1	0	0	0	0	54	33.6	1618	57	29	142	0.509	0.204	0.401	11.0	20.00
1409	40.8798	117.4083	-394.1	375	IPP1	0	0	0	0	77	33.4	1554	36	57	148	1.583	0.385	0.243	11.0	20.00
1410	40.8798	117.4077	-383.2	373	IPP1	0	0	0	0	56	33.4	1620	56	47	102	0.839	0.461	0.549	10.9	20.00
1411	40.8798	117.4071	-365.1	375	IPP1	0	0	0	0	41	33.4	1511	47	46	131	0.979	0.351	0.359	11.0	20.00
1412	40.8798	117.4065	-334.3	372	IPP1	0	0	0	0	63	33.3	1543	35	76	150	2.171	0.507	0.233	11.0	20.00
1413	40.8798	117.4060	-289.4	370	IPP1	0	0	0	0	61	33.3	1502	29	99	96	3.414	1.031	0.302	11.0	20.00
1414	40.8798	117.4054	-247.6	367	IPP1	0	0	0	0	49	33.3	1493	32	101	104	3.156	0.971	0.308	11.1	20.00
1415	40.8798	117.4048	-224.3	358	IPP1	0	0	0	0	43	33.1	1534	45	102	108	2.267	0.944	0.417	11.1	20.00
1416	40.8798	117.4042	-229.7	351	IPP1	0	0	0	0	48	32.9	1436	31	36	131	1.161	0.275	0.237	11.1	20.00
1417	40.8798	117.4036	-244.3	359	IPP1	0	0	0	0	39	33.1	1426	33	99	92	3.000	1.076	0.359	11.1	20.00
1418	40.8798	117.4030	-262.9	390	IPP1	0	0	0	0	45	33.7	1411	26	77	111	2.962	0.694	0.234	11.1	20.00
1419	40.8798	117.4024	-272.7	435	IPP1	0	0	0	0	60	34.6	1419	46	37	114	0.804	0.325	0.404	11.2	20.00
1420	40.8799	117.4018	-283.3	469	IPP1	0	0	0	0	50	35.2	1384	42	62	73	1.476	0.849	0.575	11.1	20.00
1421	40.8799	117.4013	-301.2	489	IPP1	0	0	0	0	58	35.6	1433	40	27	144	0.675	0.188	0.278	11.1	20.00
1422	40.8799	117.4007	-319.3	493	IPP1	0	0	0	0	54	35.7	1338	19	65	107	3.421	0.607	0.178	11.1	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1423	40.8799	117.4001	-345.7	495	IPP1	0	0	0	0	73	35.7	1353	42	50	104	1.190	0.481	0.404	11.1	20.00
1424	40.8799	117.3995	-353.1	495	IPP1	0	0	0	0	60	35.7	1355	20	72	99	3.600	0.727	0.202	11.0	20.00
1425	40.8799	117.3989	-354.7	494	IPP1	0	0	0	0	57	35.7	1384	23	41	105	1.783	0.390	0.219	11.0	20.00
1426	40.8799	117.3983	-351.1	495	IPP1	0	0	0	0	52	33.9	1357	31	81	71	2.613	1.141	0.437	11.0	20.00
1427	40.8799	117.3977	-346.5	497	IPP1	0	0	0	0	54	33.9	1340	31	62	91	2.000	0.681	0.341	11.1	20.00
1428	40.8799	117.3972	-345.1	497	IPP1	0	0	0	0	51	33.9	1388	26	109	83	4.192	1.313	0.313	11.1	20.00
1429	40.8799	117.3966	-343.0	498	IPP1	0	0	0	0	50	34.0	1320	25	60	106	2.400	0.566	0.236	11.1	20.00
1430	40.8799	117.3960	-343.6	498	IPP1	0	0	1	0	55	34.0	1402	40	-37	155	-0.925	-0.239	0.258	11.1	20.00
1431	40.8799	117.3954	-344.0	499	IPP1	0	0	0	0	49	34.0	1373	29	43	133	1.483	0.323	0.218	11.1	20.00
1432	40.8799	117.3948	-348.7	522	IPP1	0	0	0	0	48	34.4	1470	44	37	115	0.841	0.322	0.383	11.1	20.00
1433	40.8800	117.3942	-355.7	499	IPP1	0	0	0	0	37	34.0	1393	26	90	68	3.462	1.324	0.382	11.1	20.00
1434	40.8800	117.3936	-364.0	489	IPP1	0	0	0	0	46	33.8	1397	26	92	108	3.538	0.852	0.241	11.1	20.00
1435	40.8800	117.3931	-366.4	453	IPP1	0	0	0	0	53	33.2	1449	29	121	85	4.172	1.424	0.341	11.1	20.00
1436	40.8800	117.3925	-367.3	425	IPP1	0	0	0	0	47	32.7	1425	48	48	107	1.000	0.449	0.449	11.0	20.00
1437	40.8800	117.3919	-371.7	390	IPP1	0	0	0	0	54	32.0	1397	34	82	94	2.412	0.872	0.362	11.0	20.00
1438	40.8800	117.3913	-369.5	362	IPP1	0	0	0	0	53	31.5	1393	26	67	116	2.577	0.578	0.224	11.0	20.00
1439	40.8800	117.3907	-365.0	321	IPP1	0	0	0	0	60	30.6	1371	34	76	116	2.235	0.655	0.293	11.1	20.00
1440	40.8800	117.3901	-361.9	289	IPP1	0	0	0	0	53	30.0	1396	21	76	144	3.619	0.528	0.146	11.2	20.00
1441	40.8800	117.3895	-358.5	292	IPP1	0	0	0	0	41	30.0	1409	45	74	100	1.644	0.740	0.450	11.2	20.00
1442	40.8800	117.3890	-355.2	322	IPP1	0	0	0	0	64	30.7	1516	42	57	138	1.357	0.413	0.304	11.3	20.00
1443	40.8800	117.3884	-350.8	352	IPP1	0	0	0	0	49	31.3	1422	22	45	165	2.045	0.273	0.133	11.3	20.00
1444	40.8800	117.3878	-343.3	371	IPP1	0	0	0	0	42	31.6	1424	29	61	151	2.103	0.404	0.192	11.3	20.00
1445	40.8800	117.3872	-347.1	373	IPP1	0	0	0	0	54	32.3	1392	32	46	120	1.438	0.383	0.267	11.3	20.00
1446	40.8801	117.3866	-346.3	371	IPP1	0	0	0	0	48	32.2	1364	34	74	105	2.176	0.705	0.324	11.4	20.00
1447	40.8801	117.3860	-342.3	383	IPP1	0	0	0	0	50	32.5	1409	28	43	159	1.536	0.270	0.176	11.5	20.00
1448	40.8801	117.3854	-341.4	394	IPP1	0	0	0	0	61	32.7	1379	36	66	81	1.833	0.815	0.444	11.5	20.00
1449	40.8801	117.3848	-338.8	389	IPP1	0	0	0	0	49	32.6	1467	39	57	106	1.462	0.538	0.368	11.4	20.00
1450	40.8801	117.3843	-335.5	377	IPP1	0	0	0	0	53	32.3	1332	31	38	123	1.226	0.309	0.252	11.5	20.00
1451	40.8801	117.3837	-330.4	371	IPP1	0	0	0	0	57	32.2	1393	36	44	80	1.222	0.550	0.450	11.5	20.00
1452	40.8801	117.3831	-331.1	369	IPP1	0	0	0	0	48	32.2	1420	34	35	136	1.029	0.257	0.250	11.5	20.00
1453	40.8801	117.3825	-328.5	371	IPP1	0	0	0	0	49	32.2	1410	29	74	127	2.552	0.583	0.228	11.4	20.00
1454	40.8801	117.3819	-324.5	381	IPP1	0	0	1	0	45	32.4	1370	48	10	131	0.208	0.076	0.366	11.4	20.00
1455	40.8801	117.3813	-325.8	396	IPP1	0	0	0	0	48	32.7	1454	24	84	136	3.500	0.618	0.176	11.5	20.00
1456	40.8801	117.3807	-320.8	412	IPP1	0	0	0	0	42	33.0	1461	26	100	140	3.846	0.714	0.186	11.6	20.00
1457	40.8801	117.3802	-323.1	418	IPP1	0	0	0	0	49	33.1	1498	37	31	127	0.838	0.244	0.291	11.5	20.00
1458	40.8801	117.3796	-322.3	414	IPP1	0	0	0	0	43	33.1	1556	46	30	157	0.652	0.191	0.293	11.5	20.00
1459	40.8802	117.3790	-316.4	408	IPP1	0	0	0	0	39	33.0	1537	32	81	135	2.531	0.600	0.237	11.6	20.00
1460	40.8802	117.3784	-310.7	398	IPP1	0	0	0	0	43	32.8	1615	53	72	135	1.358	0.533	0.393	11.7	20.00
1461	40.8802	117.3778	-308.9	386	IPP1	0	0	0	0	54	32.5	1473	37	84	119	2.270	0.706	0.311	11.7	20.00
1462	40.8802	117.3772	-304.4	375	IPP1	0	0	0	0	62	32.3	1623	42	40	161	0.952	0.248	0.261	11.9	20.00
1463	40.8802	117.3766	-303.8	366	IPP1	0	0	0	0	38	32.1	1588	57	35	182	0.614	0.192	0.313	11.9	20.00
1464	40.8802	117.3761	-304.8	359	IPP1	0	0	0	0	65	29.3	1668	37	79	135	2.135	0.585	0.274	11.9	20.00
1465	40.8802	117.3755	-302.7	354	IPP1	0	0	0	0	42	29.2	1683	56	107	125	1.911	0.856	0.448	12.0	20.00
1466	40.8802	117.3749	-300.6	351	IPP1	0	0	0	0	38	29.1	1659	37	130	141	3.514	0.922	0.262	12.0	20.00
1467	40.8802	117.3743	-299.0	347	IPP1	0	0	0	0	54	29.0	1669	44	110	144	2.500	0.764	0.306	12.0	20.00
1468	40.8802	117.3737	-297.7	345	IPP1	0	0	0	0	46	29.0	1604	24	93	174	3.875	0.534	0.138	12.1	20.00
1469	40.8802	117.3731	-298.5	347	IPP1	0	0	0	0	49	29.1	1695	40	39	193	0.975	0.202	0.207	12.2	20.00
1470	40.8802	117.3725	-296.2	348	IPP1	0	0	0	0	42	29.1	1647	45	75	149	1.667	0.503	0.302	12.1	20.00
1471	40.8803	117.3720	-293.7	352	IPP1	0	0	0	0	46	29.1	1598	39	122	131	3.128	0.931	0.298	12.2	20.00
1472	40.8803	117.3714	-294.1	357	IPP1	0	0	0	0	60	29.2	1654	41	58	175	1.415	0.331	0.234	12.2	20.00
1473	40.8803	117.3708	-290.7	360	IPP1	0	0	0	0	47	29.3	1653	33	84	179	2.545	0.469	0.184	12.3	20.00
1474	40.8803	117.3702	-289.6	359	IPP1	0	0	0	0	45	29.3	1738	44	92	149	2.091	0.617	0.295	12.3	20.00
1475	40.8803	117.3696	-291.7	364	IPP1	0	0	1	0	37	29.4	1583	55	7	167	0.127	0.042	0.329	12.3	20.00
1476	40.8803	117.3690	-290.0	369	IPP1	0	0	0	0	45	29.4	1602	45	74	132	1.644	0.561	0.341	12.3	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1477	40.8803	117.3684	-286.1	371	IPP1	0	0	0	0	48	29.5	1602	32	105	136	3.281	0.772	0.235	12.3	20.00
1478	40.8803	117.3679	-284.2	375	IPP1	0	0	0	0	44	29.6	1645	45	83	141	1.844	0.589	0.319	12.3	20.00
1479	40.8803	117.3673	-284.9	375	IPP1	0	0	0	0	42	29.6	1617	52	65	139	1.250	0.468	0.374	12.3	20.00
1480	40.8803	117.3667	-284.3	372	IPP1	0	0	0	0	40	29.5	1678	46	104	130	2.261	0.800	0.354	12.4	20.00
1481	40.8803	117.3661	-287.7	375	IPP1	0	0	0	0	58	29.6	1688	46	83	164	1.804	0.506	0.280	12.4	20.00
1482	40.8803	117.3655	-286.0	380	IPP1	0	0	0	0	52	29.7	1700	60	53	134	0.883	0.396	0.448	12.5	20.00
1483	40.8803	117.3649	-283.6	387	IPP1	0	0	0	0	40	31.4	1675	41	48	180	1.171	0.267	0.228	12.5	20.00
1484	40.8804	117.3643	-281.4	393	IPP1	0	0	0	0	34	31.5	1617	41	101	140	2.463	0.721	0.293	12.5	20.00
1485	40.8804	117.3637	-280.2	398	IPP1	0	0	0	0	47	31.6	1653	37	98	113	2.649	0.867	0.327	12.6	20.00
1486	40.8804	117.3632	-277.7	388	IPP1	0	0	0	0	59	31.4	1729	33	98	166	2.970	0.590	0.199	12.6	20.00
1487	40.8804	117.3626	-278.4	376	IPP1	0	0	0	0	40	31.1	1638	56	78	145	1.393	0.538	0.386	12.6	20.00
1488	40.8804	117.3620	-273.1	376	IPP1	0	0	0	0	37	31.2	1682	61	78	135	1.279	0.578	0.452	12.6	20.00
1489	40.8804	117.3614	-273.2	375	IPP1	0	0	0	0	48	31.1	1706	64	69	104	1.078	0.663	0.615	12.6	20.00
1490	40.8804	117.3608	-272.6	372	IPP1	0	0	0	0	46	31.1	1679	25	141	127	5.640	1.110	0.197	12.7	20.00
1491	40.8804	117.3602	-275.7	373	IPP1	0	0	0	0	39	31.1	1649	57	67	127	1.175	0.528	0.449	12.6	20.00
1492	40.8804	117.3596	-273.8	381	IPP1	0	0	0	0	47	31.2	1679	40	49	208	1.225	0.236	0.192	12.7	20.00
1493	40.8804	117.3591	-273.1	367	IPP1	0	0	0	0	51	31.0	1572	42	31	163	0.738	0.190	0.258	12.7	20.00
1494	40.8804	117.3585	-273.1	352	IPP1	0	0	0	0	44	30.7	1588	36	74	147	2.056	0.503	0.245	12.8	20.00
1495	40.8804	117.3579	-271.6	366	IPP1	0	0	0	0	56	31.0	1557	46	68	130	1.478	0.523	0.354	12.8	20.00
1496	40.8804	117.3573	-268.4	376	IPP1	0	0	0	0	46	31.2	1611	35	89	154	2.543	0.578	0.227	12.8	20.00
1497	40.8805	117.3567	-268.7	353	IPP1	0	0	0	0	39	30.7	1501	35	106	117	3.029	0.906	0.299	12.8	20.00
1498	40.8805	117.3561	-268.4	312	IPP1	0	0	0	0	43	29.9	1467	41	114	91	2.780	1.253	0.451	12.8	20.00
1499	40.8805	117.3555	-266.6	280	IPP1	0	0	0	0	46	29.2	1417	40	45	132	1.125	0.341	0.303	12.8	20.00
1500	40.8805	117.3550	-265.1	296	IPP1	0	0	0	0	48	29.6	1466	42	54	126	1.286	0.429	0.333	12.9	20.00
1501	40.8805	117.3544	-264.5	323	IPP1	0	0	0	0	37	30.1	1526	40	83	126	2.075	0.659	0.317	12.9	20.00
1502	40.8805	117.3538	-264.2	342	IPP1	0	0	0	0	56	31.8	1610	34	138	132	4.059	1.045	0.258	13.0	20.00
1503	40.8805	117.3532	-263.4	337	IPP1	0	0	0	0	46	31.7	1650	34	119	130	3.500	0.915	0.262	12.9	20.00
1504	40.8805	117.3526	-263.4	351	IPP1	0	0	0	0	56	32.0	1629	48	71	151	1.479	0.470	0.318	13.0	20.00
1505	40.8805	117.3520	-264.5	354	IPP1	0	0	0	0	40	32.1	1648	55	65	157	1.182	0.414	0.350	13.0	20.00
1506	40.8805	117.3514	-264.6	360	IPP1	0	0	0	0	38	32.2	1759	63	62	171	0.984	0.363	0.368	13.0	20.00
1507	40.8805	117.3509	-266.9	373	IPP1	0	0	0	0	36	32.5	1673	45	80	134	1.778	0.597	0.336	13.0	20.00
1508	40.8805	117.3503	-264.4	381	IPP1	0	0	0	0	36	32.6	1706	48	96	147	2.000	0.653	0.327	13.1	20.00
1509	40.8805	117.3497	-265.4	376	IPP1	0	0	0	0	44	32.5	1758	44	114	131	2.591	0.870	0.336	13.1	20.00
1510	40.8806	117.3491	-269.3	362	IPP1	0	0	0	0	62	32.3	1608	42	72	105	1.714	0.686	0.400	13.2	20.00
1511	40.8806	117.3485	-266.0	358	IPP1	0	0	0	0	36	32.2	1658	40	90	152	2.250	0.592	0.263	13.2	20.00
1512	40.8806	117.3479	-267.7	353	IPP1	0	0	0	0	59	32.1	1657	27	138	132	5.111	1.045	0.205	13.1	20.00
1513	40.8806	117.3473	-267.9	345	IPP1	0	0	1	0	34	31.9	1713	55	-8	196	-0.145	-0.041	0.281	13.2	20.00
1514	40.8806	117.3467	-272.1	339	IPP1	0	0	0	0	46	31.8	1738	54	95	148	1.759	0.642	0.365	13.2	20.00
1515	40.8806	117.3462	-267.0	332	IPP1	0	0	0	0	48	31.6	1723	36	117	150	3.250	0.780	0.240	13.1	20.00
1516	40.8806	117.3456	-268.8	318	IPP1	0	0	0	0	41	31.3	1729	52	122	135	2.346	0.904	0.385	13.1	20.00
1517	40.8806	117.3450	-269.5	304	IPP1	0	0	0	0	43	31.0	1664	54	74	147	1.370	0.503	0.367	13.1	20.00
1518	40.8806	117.3444	-267.3	313	IPP1	0	0	0	0	42	31.2	1632	33	76	154	2.303	0.494	0.214	13.1	20.00
1519	40.8805	117.3438	-268.2	313	IPP1	0	0	0	0	49	31.2	1662	51	115	115	2.255	1.000	0.443	13.2	20.00
1520	40.8806	117.3432	-268.5	294	QOA1	0	0	0	0	46	30.8	1533	29	154	111	5.310	1.387	0.261	13.2	20.00
1521	40.8806	117.3426	-266.3	307	QOA1	0	0	0	0	69	34.0	1581	39	78	115	2.000	0.678	0.339	13.2	20.00
1522	40.8807	117.3421	-268.7	327	QOA1	0	0	0	0	36	34.5	1500	41	99	112	2.415	0.884	0.366	13.3	20.00
1523	40.8807	117.3415	-265.1	323	QOA1	0	0	0	0	52	34.4	1577	57	108	96	1.895	1.125	0.594	13.3	20.00
1524	40.8807	117.3409	-266.7	332	QOA1	0	0	0	0	40	34.6	1584	46	57	168	1.239	0.339	0.274	13.3	20.00
1525	40.8807	117.3403	-266.5	338	QOA1	0	0	0	0	49	34.7	1615	46	88	135	1.913	0.652	0.341	13.3	20.00
1526	40.8807	117.3397	-269.6	349	QOA1	0	0	0	0	65	35.0	1617	33	69	148	2.091	0.466	0.223	13.4	20.00
1527	40.8807	117.3391	-272.4	350	QOA1	0	0	0	0	29	35.0	1622	49	80	144	1.633	0.556	0.340	13.5	20.00
1528	40.8807	117.3385	-274.6	350	QOA1	0	0	0	0	50	35.0	1616	37	96	122	2.595	0.787	0.303	13.5	20.00
1529	40.8807	117.3380	-270.1	366	QOA1	0	0	0	0	58	35.4	1632	29	150	99	5.172	1.515	0.293	13.5	20.00
1530	40.8807	117.3374	-270.2	362	QOA1	0	0	0	0	54	35.3	1611	36	102	117	2.833	0.872	0.308	13.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1531	40.8807	117.3368	-268.2	354	QOA1	0	0	0	0	41	35.1	1586	40	118	117	2.950	1.009	0.342	13.4	20.00
1532	40.8807	117.3362	-271.0	364	QOA1	0	0	0	0	37	35.3	1617	40	188	78	4.700	2.410	0.513	13.4	20.00
1533	40.8807	117.3356	-275.3	373	QOA1	0	0	0	0	43	35.5	1671	36	111	146	3.083	0.760	0.247	13.4	20.00
1534	40.8807	117.3350	-271.5	360	QOA1	0	0	0	0	50	35.2	1604	35	98	151	2.800	0.649	0.232	13.4	20.00
1535	40.8808	117.3344	-274.4	361	QOA1	0	0	1	0	40	35.3	1580	57	18	120	0.316	0.150	0.475	13.4	20.00
1536	40.8808	117.3339	-275.2	378	QOA1	0	0	0	0	42	35.6	1642	45	75	159	1.667	0.472	0.283	13.5	20.00
1537	40.8808	117.3333	-277.3	383	QOA1	0	0	0	0	33	35.7	1711	50	82	160	1.640	0.513	0.313	13.5	20.00
1538	40.8808	117.3327	-279.3	366	QOA1	0	0	0	0	42	35.4	1660	42	80	148	1.905	0.541	0.284	13.5	20.00
1539	40.8808	117.3321	-278.9	367	QOA1	0	0	0	0	41	35.4	1597	44	61	146	1.386	0.418	0.301	13.5	20.00
1540	40.8808	117.3315	-285.2	372	QOA1	0	0	0	0	36	36.1	1648	27	149	123	5.519	1.211	0.220	13.5	20.00
1541	40.8808	117.3309	-285.0	385	QOA1	0	0	0	0	56	36.4	1586	38	68	122	1.789	0.557	0.311	13.5	20.00
1542	40.8808	117.3303	-286.8	398	QOA1	0	0	0	0	45	36.7	1568	41	48	141	1.171	0.340	0.291	13.6	20.00
1543	40.8808	117.3298	-289.5	390	QOA1	0	0	0	0	35	36.5	1589	36	114	111	3.167	1.027	0.324	13.6	20.00
1544	40.8808	117.3292	-290.2	384	QOA1	0	0	0	0	33	36.4	1637	37	124	123	3.351	1.008	0.301	13.6	20.00
1545	40.8808	117.3286	-293.8	380	QOA1	0	0	0	0	48	36.3	1591	33	122	123	3.697	0.992	0.268	13.7	20.00
1546	40.8808	117.3280	-297.6	391	QOA1	0	0	0	0	44	36.5	1510	32	80	130	2.500	0.615	0.246	13.7	20.00
1547	40.8808	117.3274	-302.1	411	QOA1	0	0	0	0	47	37.0	1569	45	53	125	1.178	0.424	0.360	13.7	20.00
1548	40.8809	117.3268	-304.8	402	QOA1	0	0	0	0	37	36.8	1546	34	134	117	3.941	1.145	0.291	13.7	20.00
1549	40.8809	117.3262	-307.0	422	QOA1	0	0	0	0	56	37.2	1608	35	65	133	1.857	0.489	0.263	13.7	20.00
1550	40.8809	117.3256	-310.1	429	QOA1	0	0	0	0	38	37.4	1617	32	96	121	3.000	0.793	0.264	13.7	20.00
1551	40.8809	117.3251	-311.5	426	QOA1	0	0	0	0	44	37.3	1632	15	143	151	9.533	0.947	0.099	13.8	20.00
1552	40.8809	117.3245	-312.9	428	QOA1	0	0	0	0	50	37.3	1647	33	106	134	3.212	0.791	0.246	13.9	20.00
1553	40.8809	117.3239	-315.2	428	QOA1	0	0	0	0	51	37.3	1662	44	53	162	1.205	0.327	0.272	13.9	20.00
1554	40.8809	117.3233	-320.9	424	QOA1	0	0	0	0	43	37.3	1690	41	82	157	2.000	0.522	0.261	13.9	20.00
1555	40.8809	117.3227	-319.6	417	QOA1	0	0	0	0	51	37.1	1742	46	85	132	1.848	0.644	0.348	13.9	20.00
1556	40.8809	117.3221	-321.5	411	QOA1	0	0	0	0	57	37.0	1679	25	149	114	5.960	1.307	0.219	13.9	20.00
1557	40.8809	117.3215	-308.4	408	QOA1	0	0	0	0	42	36.9	1583	38	35	161	0.921	0.217	0.236	13.9	20.00
1558	40.8809	117.3210	-301.3	410	QOA1	0	0	0	0	48	37.0	1610	53	84	124	1.585	0.677	0.427	13.9	20.00
1559	40.8809	117.3204	-287.7	413	QOA1	0	0	0	0	55	38.3	1548	48	97	105	2.021	0.924	0.457	14.0	20.00
1560	40.8810	117.3198	-275.0	415	QOA1	0	0	0	0	58	38.3	1625	26	119	116	4.577	1.026	0.224	14.1	20.00
1561	40.8810	117.3192	-263.4	415	QOA1	0	0	0	0	47	38.3	1662	46	114	122	2.478	0.934	0.377	14.1	20.00
1562	40.8810	117.3186	-251.8	414	QOA1	0	0	0	0	40	38.3	1712	58	49	150	0.845	0.327	0.387	14.1	20.00
1563	40.8810	117.3180	-236.4	415	QOA1	0	0	0	0	36	38.3	1675	41	38	191	0.927	0.199	0.215	14.1	20.00
1564	40.8810	117.3174	-225.1	408	QOA1	0	0	0	0	46	38.2	1807	59	108	134	1.831	0.806	0.440	14.1	20.00
1565	40.8810	117.3169	-217.3	407	QOA1	0	0	0	0	48	38.2	1761	45	86	155	1.911	0.555	0.290	14.1	20.00
1566	40.8810	117.3163	-210.7	406	QOA1	0	0	0	0	41	38.1	1809	45	43	224	0.956	0.192	0.201	14.1	20.00
1567	40.8810	117.3157	-203.2	413	QOA1	0	0	0	0	34	38.3	1818	41	124	159	3.024	0.780	0.258	14.2	20.00
1568	40.8810	117.3151	-202.6	415	QOA1	0	0	0	0	48	38.3	1817	34	104	179	3.059	0.581	0.190	14.2	20.00
1569	40.8810	117.3145	-202.3	411	QOA1	0	0	0	0	51	38.3	1814	47	97	151	2.064	0.642	0.311	14.3	20.00
1570	40.8810	117.3139	-196.4	410	QOA1	0	0	0	0	42	38.2	1847	51	63	205	1.167	0.307	0.263	14.3	20.00
1571	40.8810	117.3133	-187.6	406	QOA1	0	0	0	0	37	38.1	1813	69	56	137	0.812	0.409	0.504	14.2	20.00
1572	40.8810	117.3128	-173.2	406	QOA1	0	0	0	0	33	38.1	1795	43	112	156	2.605	0.718	0.276	14.2	20.00
1573	40.8811	117.3122	-148.9	402	QOA1	0	0	0	0	53	38.0	1718	48	73	159	1.521	0.459	0.302	14.3	20.00
1574	40.8811	117.3116	-140.0	403	QOA1	0	0	0	0	53	38.1	1684	47	101	158	2.149	0.639	0.297	14.3	20.00
1575	40.8811	117.3110	-129.9	401	QOA1	0	0	0	0	41	38.0	1739	40	91	164	2.275	0.555	0.244	14.3	20.00
1576	40.8811	117.3104	-129.3	399	QOA1	0	0	0	0	53	38.0	1699	38	73	155	1.921	0.471	0.245	14.3	20.00
1577	40.8811	117.3098	-128.7	399	QOA1	0	0	0	0	31	38.0	1774	44	86	166	1.955	0.518	0.265	14.4	20.00
1578	40.8811	117.3092	-134.8	392	QOA1	0	0	0	0	41	34.7	1823	71	40	171	0.563	0.234	0.415	14.4	20.00
1579	40.8811	117.3086	-147.3	383	QOA1	0	0	0	0	51	34.6	1803	30	97	200	3.233	0.485	0.150	14.4	20.00
1580	40.8811	117.3081	-160.5	381	QOA1	0	0	0	0	35	34.5	1862	48	86	197	1.792	0.437	0.244	14.4	20.00
1581	40.8811	117.3075	-175.2	375	QOA1	0	0	0	0	50	34.4	1776	33	97	167	2.939	0.581	0.198	14.4	20.00
1582	40.8811	117.3069	-184.5	374	QOA1	0	0	0	0	47	34.3	1754	49	70	183	1.429	0.383	0.268	14.4	20.00
1583	40.8811	117.3063	-191.9	373	QOA1	0	0	0	0	44	34.3	1810	54	33	179	0.611	0.184	0.302	14.4	20.00
1584	40.8811	117.3057	-188.8	376	QOA1	0	0	0	0	44	34.4	1789	33	132	193	4.000	0.684	0.171	14.5	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1585	40.8811	117.3051	-184.1	379	QOA1	0	0	0	0	46	34.5	1826	49	52	213	1.061	0.244	0.230	14.5	20.00
1586	40.8812	117.3045	-180.1	374	QOA1	0	0	0	0	46	34.4	1754	27	114	185	4.222	0.616	0.146	14.5	20.00
1587	40.8812	117.3040	-168.9	378	QOA1	0	0	0	0	44	34.4	1720	42	62	185	1.476	0.335	0.227	14.6	20.00
1588	40.8812	117.3034	-165.5	379	QOA1	0	0	0	0	36	34.5	1804	38	109	176	2.868	0.619	0.216	14.5	20.00
1589	40.8812	117.3028	-165.2	373	QOA1	0	0	0	0	38	34.3	1740	34	135	168	3.971	0.804	0.202	14.6	20.00
1590	40.8812	117.3022	-156.7	367	QOA1	0	0	0	0	28	34.2	1771	36	108	163	3.000	0.663	0.221	14.6	20.00
1591	40.8812	117.3016	-155.6	363	QOA1	0	0	0	0	45	34.1	1738	40	79	167	1.975	0.473	0.240	14.5	20.00
1592	40.8812	117.3010	-155.0	353	QOA1	0	0	0	0	48	33.9	1755	50	95	193	1.900	0.492	0.259	14.6	20.00
1593	40.8812	117.3004	-154.7	348	QOA1	0	0	0	0	39	33.8	1791	43	111	152	2.581	0.730	0.283	14.6	20.00
1594	40.8812	117.2999	-152.6	343	QOA1	0	0	0	0	44	33.7	1776	44	74	220	1.682	0.336	0.200	14.6	20.00
1595	40.8812	117.2993	-151.8	335	QOA1	0	0	0	0	44	33.5	1749	49	92	154	1.878	0.597	0.318	14.5	20.00
1596	40.8812	117.2987	-151.7	330	QOA1	0	0	0	0	40	33.4	1774	39	130	158	3.333	0.823	0.247	14.4	20.00
1597	40.8812	117.2981	-149.9	323	QOA1	0	0	0	0	33	32.4	1699	24	176	164	7.333	1.073	0.146	14.4	20.00
1598	40.8812	117.2975	-150.8	320	QOA1	0	0	0	0	52	32.4	1707	37	89	194	2.405	0.459	0.191	14.4	20.00
1599	40.8813	117.2969	-152.5	316	QOA1	0	0	0	0	42	32.3	1616	30	97	179	3.233	0.542	0.168	14.4	20.00
1600	40.8813	117.2963	-154.9	314	QYA	0	0	0	0	40	32.2	1691	46	74	183	1.609	0.404	0.251	14.4	20.00
1601	40.8813	117.2958	-156.1	308	QYA	0	0	0	0	45	32.1	1674	50	58	170	1.160	0.341	0.294	14.4	20.00
1602	40.8813	117.2952	-161.0	305	QYA	0	0	0	0	41	32.0	1635	43	61	181	1.419	0.337	0.238	14.4	20.00
1603	40.8813	117.2946	-161.4	302	QYA	0	0	0	0	42	32.0	1588	35	99	152	2.829	0.651	0.230	14.3	20.00
1604	40.8813	117.2940	-166.5	302	QYA	0	0	0	0	47	32.0	1593	22	113	171	5.136	0.661	0.129	14.2	20.00
1605	40.8813	117.2934	-170.9	304	QYA	0	0	0	0	53	32.0	1634	47	66	176	1.404	0.375	0.267	14.3	20.00
1606	40.8813	117.2928	-171.0	307	QYA	0	0	1	0	35	32.1	1648	52	22	172	0.423	0.128	0.302	14.3	20.00
1607	40.8813	117.2922	-179.3	317	QYA	0	0	0	0	39	32.3	1623	30	111	167	3.700	0.665	0.180	14.4	20.00
1608	40.8813	117.2917	-181.1	327	QYA	0	0	0	0	42	32.5	1756	42	57	222	1.357	0.257	0.189	14.3	20.00
1609	40.8813	117.2911	-187.4	342	QYA	0	0	0	0	40	32.8	1645	38	99	149	2.605	0.664	0.255	14.3	20.00
1610	40.8813	117.2905	-187.4	352	QYA	0	0	0	0	38	33.0	1632	58	69	140	1.190	0.493	0.414	14.3	20.00
1611	40.8814	117.2899	-191.5	357	QYA	0	0	0	0	47	33.2	1686	37	80	169	2.162	0.473	0.219	14.2	20.00
1612	40.8814	117.2893	-190.9	360	QYA	0	0	0	0	44	33.2	1734	44	78	196	1.773	0.398	0.224	14.2	20.00
1613	40.8814	117.2887	-191.8	358	QYA	0	0	1	0	39	33.2	1678	58	16	211	0.276	0.076	0.275	14.2	20.00
1614	40.8814	117.2881	-195.7	354	QYA	0	0	0	0	26	33.1	1708	40	76	190	1.900	0.400	0.211	14.2	20.00
1615	40.8814	117.2875	-195.6	354	QYA	0	0	0	0	42	33.1	1679	40	106	158	2.650	0.671	0.253	14.2	22.87
1616	40.8814	117.2870	-194.5	353	QYA	0	0	0	0	49	31.0	1766	51	39	194	0.765	0.201	0.263	14.2	23.93
1617	40.8814	117.2864	-193.9	349	QYA	0	0	0	0	52	31.0	1832	53	110	157	2.075	0.701	0.338	14.2	23.97
1618	40.8814	117.2858	-193.8	351	QYA	0	0	0	0	31	31.0	1678	49	92	172	1.878	0.535	0.285	14.2	24.00
1619	40.8814	117.2852	-196.6	350	QYA	0	0	0	0	49	31.0	1727	51	56	190	1.098	0.295	0.268	14.3	24.04
1620	40.8814	117.2846	-196.0	353	QYA	0	0	0	0	39	31.0	1730	42	96	150	2.286	0.640	0.280	14.2	24.04
1621	40.8814	117.2840	-198.9	354	QYA	0	0	0	0	40	31.1	1827	58	66	184	1.138	0.359	0.315	14.2	24.04
1622	40.8814	117.2834	-198.5	360	QYA	0	0	1	0	57	31.2	1765	46	22	204	0.478	0.108	0.225	14.3	24.05
1623	40.8814	117.2829	-198.6	360	QYA	0	0	0	0	44	31.2	1804	56	57	196	1.018	0.291	0.286	14.3	24.06
1624	40.8815	117.2823	-205.7	360	QYA	0	0	0	0	36	31.2	1807	44	150	164	3.409	0.915	0.268	14.4	24.09
1625	40.8815	117.2817	-208.9	354	QYA	0	0	0	0	41	31.1	1749	57	30	189	0.526	0.159	0.302	14.2	24.09
1626	40.8815	117.2811	-213.1	352	QYA	0	0	0	0	39	31.0	1643	35	91	179	2.600	0.508	0.196	14.3	24.12
1627	40.8815	117.2805	-214.7	347	QYA	0	0	0	0	42	30.9	1744	46	104	159	2.261	0.654	0.289	14.3	24.12
1628	40.8815	117.2799	-215.9	344	QYA	0	0	0	0	35	30.9	1655	44	89	160	2.023	0.556	0.275	14.3	24.13
1629	40.8815	117.2793	-214.8	340	QYA	0	0	1	0	35	30.8	1662	49	21	216	0.429	0.097	0.227	14.2	24.14
1630	40.8815	117.2788	-214.9	338	QYA	0	0	0	0	32	30.7	1727	44	67	219	1.523	0.306	0.201	14.2	24.16
1631	40.8815	117.2782	-218.1	333	QYA	0	0	0	0	32	30.6	1717	43	91	193	2.116	0.472	0.223	14.2	24.17
1632	40.8815	117.2776	-219.8	328	QYA	0	0	0	0	38	30.5	1745	60	81	194	1.350	0.418	0.309	14.2	24.19
1633	40.8815	117.2770	-221.0	324	QYA	0	0	0	0	47	30.5	1731	39	82	186	2.103	0.441	0.210	14.2	24.16
1634	40.8815	117.2764	-224.4	321	QYA	0	0	0	0	22	30.4	1695	58	73	167	1.259	0.437	0.347	14.2	24.20
1635	40.8815	117.2758	-225.5	321	QYA	0	0	0	0	43	31.7	1747	62	120	147	1.935	0.816	0.422	14.2	24.17
1636	40.8815	117.2752	-225.6	321	QYA	0	0	1	0	38	31.7	1623	51	6	202	0.118	0.030	0.252	14.2	24.21
1637	40.8816	117.2747	-229.0	322	QYA	0	0	0	0	32	31.7	1669	57	84	152	1.474	0.553	0.375	14.2	24.20
1638	40.8816	117.2741	-231.6	322	QYA	0	0	0	0	45	31.7	1612	42	32	193	0.762	0.166	0.218	14.2	24.22

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1639	40.8816	117.2735	-234.2	326	QYA	0	0	0	0	38	31.8	1687	31	47	202	1.516	0.233	0.153	14.2	24.23
1640	40.8816	117.2729	-234.3	330	QYA	0	0	0	0	57	31.9	1680	44	59	183	1.341	0.322	0.240	14.3	24.23
1641	40.8816	117.2723	-232.7	336	QYA	0	0	0	0	42	32.0	1682	47	103	145	2.191	0.710	0.324	14.3	24.23
1642	40.8816	117.2717	-234.5	337	QYA	0	0	1	0	38	32.0	1588	46	-7	190	-0.152	-0.037	0.242	14.2	24.22
1643	40.8816	117.2711	-236.4	346	QYA	0	0	0	0	45	32.2	1659	33	72	185	2.182	0.389	0.178	14.3	24.25
1644	40.8816	117.2705	-234.2	349	QYA	0	0	0	0	37	32.3	1658	52	53	165	1.019	0.321	0.315	14.2	24.22
1645	40.8816	117.2700	-235.8	354	QYA	0	0	0	0	54	32.4	1677	37	108	152	2.919	0.711	0.243	14.3	24.24
1646	40.8816	117.2694	-238.4	352	QYA	0	0	0	0	45	32.3	1605	37	85	173	2.297	0.491	0.214	14.3	24.25
1647	40.8816	117.2688	-241.0	359	QYA	0	0	0	0	41	32.5	1699	47	62	194	1.319	0.320	0.242	14.3	24.27
1648	40.8816	117.2682	-239.2	360	QYA	0	0	0	0	44	32.5	1603	42	99	128	2.357	0.773	0.328	14.2	24.25
1649	40.8816	117.2676	-242.2	367	QYA	0	0	0	0	38	32.6	1630	22	110	178	5.000	0.618	0.124	14.3	24.25
1650	40.8817	117.2670	-241.8	371	QYA	0	0	0	0	42	32.7	1619	37	94	159	2.541	0.591	0.233	14.2	24.22
1651	40.8817	117.2663	-241.9	382	QYA	0	0	0	0	58	32.9	1622	26	76	156	2.923	0.487	0.167	14.3	24.24
1652	40.8817	117.2656	-243.2	389	QYA	0	0	0	0	41	33.1	1479	39	89	104	2.282	0.856	0.375	14.3	24.23
1653	40.8817	117.2649	-244.1	398	QYA	0	0	0	0	32	33.3	1571	40	123	110	3.075	1.118	0.364	14.3	24.24
1654	40.8817	117.2641	-241.9	405	QYA	0	0	0	0	46	33.1	1519	22	106	125	4.818	0.848	0.176	14.3	24.22
1655	40.8817	117.2634	-238.1	410	QYA	0	0	0	0	38	33.2	1541	49	66	123	1.347	0.537	0.398	14.3	24.23
1656	40.8817	117.2627	-238.2	416	QYA	0	0	0	0	50	33.3	1485	19	79	152	4.158	0.520	0.125	14.3	24.21
1657	40.8817	117.2620	-232.5	420	QYA	0	0	0	0	47	33.4	1567	34	109	105	3.206	1.038	0.324	14.2	24.23
1658	40.8817	117.2613	-232.5	420	QYA	0	0	0	0	49	33.4	1586	32	113	120	3.531	0.942	0.267	14.2	24.22
1659	40.8817	117.2605	-233.1	426	QYA	0	0	0	0	45	33.5	1535	17	96	146	5.647	0.658	0.116	14.2	24.20
1660	40.8818	117.2598	-230.2	429	QYA	0	0	0	0	37	33.6	1568	30	114	128	3.800	0.891	0.234	14.2	24.19
1661	40.8818	117.2591	-228.1	429	QYA	0	0	0	0	51	33.6	1625	43	82	122	1.907	0.672	0.352	14.1	24.20
1662	40.8818	117.2584	-228.8	434	QYA	0	0	0	0	39	33.7	1690	45	79	180	1.756	0.439	0.250	14.2	24.19
1663	40.8818	117.2576	-230.6	444	QYA	0	0	0	0	42	33.9	1692	37	122	148	3.297	0.824	0.250	14.2	24.18
1664	40.8818	117.2569	-232.2	453	QYA	0	0	0	0	48	34.0	1705	44	30	182	0.682	0.165	0.242	14.2	24.19
1665	40.8818	117.2562	-233.5	461	QYA	0	0	0	0	42	34.2	1730	39	91	147	2.333	0.619	0.265	14.3	24.18
1666	40.8818	117.2555	-234.4	465	QYA	0	0	0	0	51	34.2	1804	52	95	173	1.827	0.549	0.301	14.3	24.16
1667	40.8818	117.2548	-238.3	466	QYA	0	0	0	0	45	34.3	1737	39	46	201	1.179	0.229	0.194	14.3	24.19
1668	40.8818	117.2540	-241.5	468	QYA	0	0	0	0	47	34.3	1696	51	100	131	1.961	0.763	0.389	14.3	24.20
1669	40.8818	117.2533	-243.1	464	QYA	0	0	0	0	42	34.2	1771	48	67	181	1.396	0.370	0.265	14.4	24.19
1670	40.8819	117.2526	-243.0	469	QYA	0	0	0	0	46	34.3	1721	39	110	125	2.821	0.880	0.312	14.4	24.20
1671	40.8819	117.2519	-246.9	469	QYA	0	0	0	0	44	34.3	1760	53	102	158	1.925	0.646	0.335	14.4	24.20
1672	40.8819	117.2511	-255.4	463	QYA	0	0	0	0	44	34.2	1808	35	114	130	3.257	0.877	0.269	14.4	24.23
1673	40.8819	117.2504	-255.6	459	QYA	0	0	0	0	24	31.8	1751	57	66	149	1.158	0.443	0.383	14.5	24.21
1674	40.8819	117.2497	-261.0	459	QYA	0	0	0	0	35	31.8	1779	46	105	141	2.283	0.745	0.326	14.6	24.25
1675	40.8819	117.2490	-263.4	457	QYA	0	0	0	0	43	31.8	1718	48	106	113	2.208	0.938	0.425	14.5	24.23
1676	40.8819	117.2483	-264.4	451	QYA	0	0	0	0	32	31.7	1765	46	105	177	2.283	0.593	0.260	14.4	24.22
1677	40.8819	117.2475	-269.4	438	QYA	0	0	0	0	29	31.4	1763	34	93	192	2.735	0.484	0.177	14.5	24.25
1678	40.8819	117.2468	-273.2	425	QYA	0	0	0	0	42	31.2	1722	37	70	197	1.892	0.355	0.188	14.4	24.26
1679	40.8819	117.2461	-276.4	417	QYA	0	0	0	0	33	31.1	1778	59	105	139	1.780	0.755	0.424	14.4	24.28
1680	40.8820	117.2454	-280.9	406	QYA	0	0	0	0	36	30.9	1733	47	94	172	2.000	0.547	0.273	14.4	24.29
1681	40.8820	117.2446	-281.4	398	QYA	0	0	0	0	49	30.7	1704	56	55	167	0.982	0.329	0.335	14.5	24.29
1682	40.8820	117.2439	-285.6	389	QYA	0	0	0	0	47	30.6	1728	40	148	152	3.700	0.974	0.263	14.4	24.28
1683	40.8820	117.2432	-284.3	386	QYA	0	0	0	0	41	30.5	1734	38	166	144	4.368	1.153	0.264	14.4	24.28
1684	40.8820	117.2425	-285.8	384	QYA	0	0	0	0	35	30.5	1692	54	130	123	2.407	1.057	0.439	14.4	24.27
1685	40.8820	117.2418	-286.4	383	QYA	0	0	0	0	42	30.5	1775	39	105	167	2.692	0.629	0.234	14.4	24.28
1686	40.8820	117.2410	-283.3	382	QYA	0	0	0	0	39	30.4	1797	52	84	178	1.615	0.472	0.292	14.4	24.29
1687	40.8820	117.2403	-282.0	380	QYA	0	0	0	0	38	30.4	1861	61	97	151	1.590	0.642	0.404	14.4	24.28
1688	40.8820	117.2396	-279.5	377	QYA	0	0	0	0	35	30.3	1858	52	89	193	1.712	0.461	0.269	14.4	24.28
1689	40.8820	117.2389	-274.9	372	QYA	0	0	0	0	45	30.3	1745	47	96	155	2.043	0.619	0.303	14.4	24.28
1690	40.8821	117.2381	-273.3	369	QYA	0	0	0	0	44	30.2	1773	56	62	153	1.107	0.405	0.366	14.4	24.28
1691	40.8821	117.2374	-265.5	370	QYA	0	0	1	0	44	30.2	1776	72	18	154	0.250	0.117	0.468	14.5	24.30
1692	40.8821	117.2367	-264.4	371	QYA	0	0	0	0	40	29.0	1743	46	59	176	1.283	0.335	0.261	14.4	24.30

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1693	40.8821	117.2360	-263.6	367	QYA	0	0	0	0	64	28.9	1690	52	74	171	1.423	0.433	0.304	14.5	24.28
1694	40.8821	117.2353	-263.8	367	QYA	0	0	0	0	50	28.9	1740	45	88	178	1.956	0.494	0.253	14.5	24.30
1695	40.8821	117.2345	-265.9	366	QYA	0	0	0	0	48	28.9	1772	40	168	131	4.200	1.282	0.305	14.5	24.29
1696	40.8821	117.2338	-267.4	366	QYA	0	0	0	0	47	28.9	1701	42	113	153	2.690	0.739	0.275	14.5	24.28
1697	40.8821	117.2331	-270.1	360	QYA	0	0	0	0	47	28.8	1646	40	75	159	1.875	0.472	0.252	14.5	24.28
1698	40.8821	117.2324	-270.8	356	QYA	0	0	0	0	37	28.7	1653	39	129	154	3.308	0.838	0.253	14.5	24.28
1699	40.8821	117.2316	-267.0	351	QYA	0	0	0	0	39	28.7	1730	65	31	167	0.477	0.186	0.389	14.5	24.30
1700	40.8822	117.2309	-268.2	344	QYA	0	0	1	0	49	28.5	1706	57	19	174	0.333	0.109	0.328	14.5	24.30
1701	40.8822	117.2302	-266.2	335	QYA	0	0	0	0	47	28.4	1695	62	102	126	1.645	0.810	0.492	14.5	24.35
1702	40.8822	117.2295	-261.6	332	QYA	0	0	0	0	57	28.3	1787	44	180	122	4.091	1.475	0.361	14.6	24.33
1703	40.8822	117.2288	-258.8	332	QYA	0	0	0	0	39	28.3	1735	37	42	201	1.135	0.209	0.184	14.6	24.37
1704	40.8822	117.2280	-261.0	332	QYA	0	0	0	0	40	28.3	1640	50	50	168	1.000	0.298	0.298	14.5	24.37
1705	40.8822	117.2273	-260.3	338	QYA	0	0	0	0	48	28.4	1688	49	40	193	0.816	0.207	0.254	14.6	24.33
1706	40.8822	117.2266	-257.9	343	QYA	0	0	0	0	31	28.5	1665	44	112	144	2.545	0.778	0.306	14.6	24.33
1707	40.8822	117.2259	-258.1	345	QYA	0	0	0	0	39	28.6	1673	45	106	163	2.356	0.650	0.276	14.7	24.33
1708	40.8822	117.2252	-255.5	349	QYA	0	0	0	0	48	28.6	1715	41	66	189	1.610	0.349	0.217	14.7	24.33
1709	40.8822	117.2244	-257.1	353	QYA	0	0	0	0	45	28.7	1738	40	138	133	3.450	1.038	0.301	14.7	24.31
1710	40.8823	117.2237	-257.2	357	QYA	0	0	0	0	46	28.8	1789	54	69	198	1.278	0.348	0.273	14.7	24.33
1711	40.8823	117.2230	-257.6	357	QYA	0	0	0	0	38	30.5	1732	41	118	157	2.878	0.752	0.261	14.7	24.30
1712	40.8823	117.2223	-253.5	359	QYA	0	0	0	0	37	30.5	1689	51	101	152	1.980	0.664	0.336	14.7	24.30
1713	40.8823	117.2215	-252.2	357	QYA	0	0	0	0	49	30.5	1753	47	42	211	0.894	0.199	0.223	14.7	24.30
1714	40.8823	117.2208	-250.1	359	QYA	0	0	0	0	50	30.5	1712	49	86	158	1.755	0.544	0.310	14.7	24.30
1715	40.8823	117.2201	-243.8	354	QYA	0	0	0	0	54	30.4	1707	44	34	189	0.773	0.180	0.233	14.7	24.32
1716	40.8823	117.2194	-239.2	353	QYA	0	0	0	0	35	30.4	1771	42	130	174	3.095	0.747	0.241	14.7	24.33
1717	40.8823	117.2187	-228.6	351	QYA	0	0	0	0	40	30.4	1778	51	89	174	1.745	0.511	0.293	14.7	24.31
1718	40.8823	117.2179	-215.8	353	QYA	0	0	0	0	28	30.4	1706	38	32	225	0.842	0.142	0.169	14.7	24.34
1719	40.8823	117.2172	-205.5	351	QYA	0	0	0	0	43	30.4	1730	39	104	182	2.667	0.571	0.214	14.8	24.33
1720	40.8823	117.2165	-200.7	347	QYA	0	0	0	0	39	30.3	1772	54	51	228	0.944	0.224	0.237	14.8	24.36
1721	40.8824	117.2158	-196.6	349	QYA	0	0	0	0	36	30.3	1732	43	79	165	1.837	0.479	0.261	14.7	24.33
1722	40.8824	117.2151	-192.7	348	QYA	0	0	0	0	47	30.3	1648	43	41	176	0.953	0.233	0.244	14.8	24.33
1723	40.8824	117.2143	-193.8	354	QYA	0	0	0	0	44	30.4	1730	53	63	165	1.189	0.382	0.321	14.8	24.32
1724	40.8824	117.2136	-189.0	356	QYA	0	0	0	0	55	30.5	1662	27	83	172	3.074	0.483	0.157	14.9	24.33
1725	40.8824	117.2129	-187.1	358	QYA	0	0	0	0	41	30.5	1699	55	86	119	1.564	0.723	0.462	14.8	24.32
1726	40.8824	117.2122	-185.3	356	QYA	0	0	0	0	49	30.5	1671	54	64	146	1.185	0.438	0.370	14.8	24.33
1727	40.8824	117.2115	-185.7	355	QYA	0	0	0	0	39	30.5	1733	47	72	191	1.532	0.377	0.246	14.8	24.31
1728	40.8824	117.2108	-183.1	356	QYA	0	0	0	0	31	30.5	1735	54	95	133	1.759	0.714	0.406	14.8	24.32
1729	40.8824	117.2101	-179.1	354	QYA	0	0	0	0	45	30.4	1718	37	90	184	2.432	0.489	0.201	14.8	24.33
1730	40.8824	117.2093	-177.2	358	QYA	0	0	0	0	45	30.9	1692	51	119	125	2.333	0.952	0.408	14.8	24.33
1731	40.8824	117.2086	-170.1	359	QYA	0	0	0	0	41	31.0	1669	32	146	123	4.563	1.187	0.260	14.8	24.31
1732	40.8824	117.2079	-170.2	361	QYA	0	0	0	0	38	31.0	1684	49	85	149	2.125	0.570	0.268	14.8	24.27
1733	40.8824	117.2072	-165.9	364	QYA	0	0	0	0	35	31.1	1684	57	66	156	1.158	0.423	0.365	14.8	24.29
1734	40.8824	117.2065	-164.3	363	QYA	0	0	0	0	50	31.1	1672	35	83	148	2.371	0.561	0.236	14.8	24.29
1735	40.8824	117.2058	-159.9	361	QYA	0	0	0	0	35	31.0	1653	36	29	198	0.806	0.146	0.182	14.8	24.30
1736	40.8824	117.2051	-159.4	355	QYA	0	0	0	0	38	30.9	1756	46	96	175	2.087	0.549	0.263	14.8	24.30
1737	40.8825	117.2043	-164.6	352	QYA	0	0	0	0	40	30.8	1674	33	72	185	2.182	0.389	0.178	14.7	24.30
1738	40.8825	117.2036	-165.0	357	QYA	0	0	1	0	40	30.9	1715	47	24	195	0.511	0.123	0.241	14.8	24.29
1739	40.8825	117.2029	-169.3	363	QYA	0	0	0	0	31	31.0	1720	53	98	135	1.849	0.726	0.393	14.7	24.29
1740	40.8825	117.2022	-178.9	367	QYA	0	0	0	0	59	31.1	1751	54	62	189	1.148	0.328	0.286	14.8	24.27
1741	40.8825	117.2015	-201.1	370	QYA	0	0	0	0	41	31.2	1753	26	88	194	3.385	0.454	0.134	14.8	24.27
1742	40.8825	117.2008	-216.2	371	QYA	0	0	0	0	30	31.2	1705	42	107	151	2.548	0.709	0.278	14.7	24.27
1743	40.8825	117.2000	-234.2	368	QYA	0	0	0	0	41	31.2	1668	55	34	182	0.618	0.187	0.302	14.8	24.29
1744	40.8825	117.1993	-262.1	363	QYA	0	0	0	0	35	31.1	1712	50	134	120	2.680	1.117	0.417	14.8	24.28
1745	40.8825	117.1986	-292.8	356	QYA	0	0	0	0	41	30.9	1657	46	112	121	2.435	0.926	0.380	14.7	24.29
1746	40.8825	117.1979	-331.8	348	QYA	0	0	0	0	34	30.8	1718	37	145	98	3.919	1.480	0.378	14.7	24.29

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMF	BP
1747	40.8825	117.1972	-378.8	345	QYA	0	0	0	0	39	30.7	1724	57	38	195	0.667	0.195	0.292	14.7	24.31
1748	40.8825	117.1965	-420.4	342	QYA	0	0	0	0	37	30.6	1683	49	124	140	2.531	0.886	0.350	14.7	24.30
1749	40.8825	117.1958	-440.6	344	QYA	0	0	0	0	53	30.5	1666	41	84	154	2.049	0.545	0.266	14.7	24.29
1750	40.8825	117.1950	-436.2	346	QYA	0	0	0	0	50	30.6	1780	47	29	215	0.617	0.135	0.219	14.7	24.30
1751	40.8825	117.1943	-430.4	350	QYA	0	0	0	0	42	30.7	1738	53	81	193	1.528	0.420	0.275	14.7	24.31
1752	40.8825	117.1936	-444.0	352	QYA	0	0	0	0	40	30.7	1740	47	88	165	1.872	0.533	0.285	14.7	24.32
1753	40.8826	117.1929	-473.6	360	QYA	0	0	0	0	54	30.9	1671	41	57	189	1.390	0.302	0.217	14.8	24.29
1754	40.8826	117.1922	-512.7	364	QYA	0	0	0	0	37	30.9	1686	50	83	153	1.660	0.542	0.327	14.7	24.28
1755	40.8826	117.1915	-547.1	367	QYA	0	0	0	0	55	31.0	1663	43	89	150	2.070	0.593	0.287	14.7	24.27
1756	40.8826	117.1907	-573.0	369	QYA	0	0	0	0	48	31.0	1710	49	99	127	2.020	0.780	0.386	14.7	24.27
1757	40.8826	117.1900	-585.6	374	QYA	0	0	0	0	43	31.1	1713	45	116	118	2.578	0.983	0.381	14.7	24.29
1758	40.8826	117.1893	-587.5	378	QYA	0	0	0	0	41	31.2	1669	26	90	180	3.462	0.500	0.144	14.7	24.28
1759	40.8826	117.1886	-577.7	377	QYA	0	0	0	0	34	31.2	1674	48	51	158	1.063	0.323	0.304	14.7	24.25
1760	40.8826	117.1879	-566.0	379	QYA	0	0	0	0	45	31.2	1610	42	51	149	1.214	0.342	0.282	14.7	24.26
1761	40.8826	117.1872	-550.9	382	QYA	0	0	0	0	36	31.3	1568	46	57	149	1.239	0.383	0.309	14.7	24.26
1762	40.8826	117.1865	-543.1	385	QYA	0	0	0	0	40	31.3	1688	57	46	154	0.807	0.299	0.370	14.7	24.26
1763	40.8826	117.1857	-541.5	385	QYA	0	0	0	0	35	31.3	1660	39	110	180	2.821	0.611	0.217	14.7	24.27
1764	40.8826	117.1850	-534.1	387	QYA	0	0	0	0	51	31.4	1681	48	63	133	1.313	0.474	0.361	14.6	24.28
1765	40.8826	117.1843	-527.5	387	QYA	0	0	1	0	47	31.4	1620	64	11	156	0.172	0.071	0.410	14.7	24.27
1766	40.8826	117.1836	-526.9	390	QYA	0	0	0	0	37	31.4	1639	41	94	141	2.293	0.667	0.291	14.6	24.26
1767	40.8826	117.1829	-529.3	390	QYA	0	0	0	0	52	31.4	1621	44	113	129	2.568	0.876	0.341	14.7	24.27
1768	40.8826	117.1822	-525.5	390	QYA	0	0	0	0	41	29.0	1582	42	141	71	3.357	1.986	0.592	14.7	24.27
1769	40.8827	117.1815	-515.4	386	QYA	0	0	1	0	37	29.0	1477	53	6	148	0.113	0.041	0.358	14.7	24.28
1770	40.8827	117.1807	-503.1	382	QYA	0	0	0	0	50	28.9	1418	39	51	126	1.308	0.405	0.310	14.7	24.31
1771	40.8827	117.1800	-486.9	371	QYA	0	0	0	0	42	28.7	1529	52	56	137	1.077	0.409	0.380	14.7	24.30
1772	40.8827	117.1793	-471.0	348	QYA	0	0	0	0	35	28.3	1505	37	96	118	2.595	0.814	0.314	14.7	24.30
1773	40.8827	117.1786	-427.0	330	QYA	0	0	0	0	48	28.0	1591	52	59	134	1.135	0.440	0.388	14.7	24.29
1774	40.8827	117.1779	-427.1	335	QYA	0	0	0	0	52	28.0	1588	46	86	136	1.870	0.632	0.338	14.7	24.28
1775	40.8827	117.1772	-309.1	361	QYA	0	0	0	0	52	28.5	1713	55	127	110	2.309	1.155	0.500	14.8	24.29
1776	40.8827	117.1764	-195.6	375	QYA	0	0	1	0	59	28.8	1768	49	21	228	0.429	0.092	0.215	14.7	24.29
1777	40.8827	117.1757	-63.2	379	QYA	0	0	0	0	32	28.8	1813	45	62	215	1.378	0.288	0.209	14.7	24.30
1778	40.8827	117.1750	52.8	375	QYA	0	0	0	0	39	28.8	1739	51	78	171	1.529	0.456	0.298	14.7	24.30
1779	40.8827	117.1743	132.1	370	QYA	0	0	0	0	55	28.7	1832	43	105	193	2.442	0.544	0.223	14.7	24.31
1780	40.8827	117.1736	174.9	366	QYA	0	0	0	0	59	28.6	1822	56	69	183	1.232	0.377	0.306	14.6	24.32
1781	40.8827	117.1729	136.2	367	QYA	0	0	0	0	49	28.6	1922	57	67	178	1.175	0.376	0.320	14.7	24.30
1782	40.8827	117.1722	38.4	370	QYA	0	0	0	0	39	28.7	1969	72	65	187	0.903	0.348	0.385	14.7	24.31
1783	40.8827	117.1714	-71.0	373	QYA	0	0	0	0	56	28.7	1854	33	150	188	4.545	0.798	0.176	14.7	24.27
1784	40.8827	117.1707	-178.9	380	QYA	0	0	0	0	43	28.9	1883	33	87	202	2.636	0.431	0.163	14.8	24.29
1785	40.8828	117.1700	-271.3	383	QYA	0	0	0	0	39	28.9	1786	62	73	194	1.177	0.376	0.320	14.7	24.28
1786	40.8828	117.1693	-287.4	385	QYA	0	0	0	0	45	28.9	1883	45	128	191	2.844	0.670	0.236	14.7	24.27
1787	40.8828	117.1686	-186.6	385	QYA	0	0	0	0	38	28.1	1870	43	113	182	2.628	0.621	0.236	14.8	24.31
1788	40.8828	117.1679	-28.5	381	QYA	0	0	0	0	32	28.0	1863	48	100	195	2.083	0.513	0.246	14.8	24.30
1789	40.8828	117.1671	90.1	381	QYA	0	0	0	0	44	28.0	1960	63	139	149	2.206	0.933	0.423	14.7	24.28
1790	40.8828	117.1664	55.7	383	QYA	0	0	0	0	38	28.1	1838	63	39	211	0.619	0.185	0.299	14.8	24.28
1791	40.8828	117.1657	55.6	385	QYA	0	0	0	0	58	28.1	1881	64	64	188	1.000	0.340	0.340	14.8	24.29
1792	40.8828	117.1650	-169.9	383	QYA	0	0	0	0	37	28.1	1831	61	112	175	1.836	0.640	0.349	14.8	24.29
1793	40.8828	117.1643	-235.8	380	QYA	0	0	0	0	45	28.0	1879	52	108	181	2.077	0.597	0.287	14.7	24.27
1794	40.8828	117.1636	-269.5	378	QYA	0	0	0	0	51	28.0	1846	31	170	154	5.484	1.104	0.201	14.8	24.29
1795	40.8828	117.1629	-272.9	377	QYA	0	0	0	0	35	28.0	1803	57	68	174	1.193	0.391	0.328	14.7	24.29
1796	40.8828	117.1621	-241.8	378	QYA	0	0	0	0	40	28.0	1695	38	75	181	1.974	0.414	0.210	14.7	24.27
1797	40.8828	117.1614	-209.7	379	QYA	0	0	0	0	50	28.0	1723	51	61	159	1.196	0.384	0.321	14.7	24.27
1798	40.8828	117.1607	-178.8	384	QYA	0	0	0	0	66	28.1	1765	45	68	178	1.511	0.382	0.253	14.8	24.26
1799	40.8828	117.1600	-152.0	387	QYA	0	0	0	0	43	28.1	1841	53	79	192	1.491	0.411	0.276	14.8	24.29
1800	40.8828	117.1593	-142.8	390	QYA	0	0	0	0	39	28.2	1862	52	164	124	3.154	1.323	0.419	14.8	24.26

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1801	40.8829	117.1586	-131.7	392	QYA	0	0	0	0	40	28.2	1901	61	52	179	0.852	0.291	0.341	14.8	24.25
1802	40.8829	117.1579	-118.9	392	QYA	0	0	0	0	43	28.2	1817	45	100	166	2.222	0.602	0.271	14.8	24.27
1803	40.8829	117.1571	-147.6	391	QYA	0	0	0	0	46	28.2	1849	54	44	192	0.815	0.229	0.281	14.8	24.27
1804	40.8829	117.1564	-211.2	394	QYA	0	0	0	0	42	28.2	1900	68	69	190	1.015	0.363	0.358	14.8	24.28
1805	40.8829	117.1557	-260.1	391	QYA	0	0	0	0	44	28.2	1925	57	72	199	1.263	0.362	0.286	14.7	24.25
1806	40.8829	117.1550	-278.3	389	QYA	0	0	0	0	49	27.4	1963	59	73	196	1.237	0.372	0.301	14.7	24.27
1807	40.8829	117.1543	-281.7	389	QYA	0	0	0	0	54	27.4	1973	55	106	179	1.927	0.592	0.307	14.7	24.27
1808	40.8829	117.1536	-279.6	389	QYA	0	0	0	0	52	27.4	1887	64	67	182	1.047	0.368	0.352	14.8	24.26
1809	40.8829	117.1528	-244.8	389	QYA	0	0	0	0	39	27.4	1940	58	102	177	1.759	0.576	0.328	14.8	24.27
1810	40.8829	117.1521	-192.2	391	QYA	0	0	0	0	41	27.5	1887	52	143	147	2.750	0.973	0.354	14.7	24.24
1811	40.8829	117.1514	-136.3	394	QYA	0	0	0	0	38	27.5	1933	45	97	228	2.156	0.425	0.197	14.8	24.23
1812	40.8829	117.1507	-87.2	398	QYA	0	0	0	0	50	27.6	2009	44	190	160	4.318	1.188	0.275	14.7	24.23
1813	40.8829	117.1500	-54.3	400	QYA	0	0	0	0	38	27.6	1998	54	100	222	1.852	0.450	0.243	14.7	24.22
1814	40.8829	117.1493	-50.5	398	QYA	0	0	0	0	53	27.6	2031	67	48	204	0.716	0.235	0.328	14.8	24.22
1815	40.8829	117.1486	-88.8	406	QYA	0	0	0	0	41	27.7	2047	56	115	200	2.054	0.575	0.280	14.8	24.19
1816	40.8829	117.1478	-143.5	408	QYA	0	0	0	0	40	27.7	2002	67	33	201	0.493	0.164	0.333	14.7	24.21
1817	40.8830	117.1471	-201.7	399	QYA	0	0	0	0	48	27.6	1975	60	40	250	0.667	0.160	0.240	14.8	24.21
1818	40.8830	117.1464	-245.6	399	QYA	0	0	0	0	43	27.6	2017	48	175	170	3.646	1.029	0.282	14.8	24.21
1819	40.8830	117.1457	-273.8	402	QYA	0	0	0	0	48	27.6	1978	49	120	216	2.449	0.556	0.227	14.7	24.21
1820	40.8830	117.1450	-265.8	390	QYA	0	0	0	0	45	27.5	1945	53	133	182	2.509	0.731	0.291	14.8	24.22
1821	40.8830	117.1443	-229.5	379	QYA	0	0	0	0	39	27.3	2023	70	126	175	1.800	0.720	0.400	14.9	24.27
1822	40.8830	117.1435	-207.5	374	QYA	0	0	0	0	56	27.2	1938	38	173	167	4.553	1.036	0.228	14.8	24.26
1823	40.8830	117.1428	-209.2	370	QYA	0	0	0	0	45	27.1	2059	49	108	228	2.204	0.474	0.215	14.8	24.26
1824	40.8830	117.1421	-215.6	363	QYA	0	0	0	0	46	27.0	2025	49	124	212	2.531	0.585	0.231	14.7	24.27
1825	40.8830	117.1414	-236.1	360	QYA	0	0	0	0	42	27.8	2078	65	107	206	1.646	0.519	0.316	14.8	24.29
1826	40.8830	117.1407	-245.3	356	QYA	0	0	0	0	56	27.8	2030	45	133	229	2.956	0.581	0.197	14.7	24.28
1827	40.8830	117.1400	-251.7	354	QYA	0	0	0	0	61	27.7	1995	60	111	220	1.850	0.505	0.273	14.7	24.25
1828	40.8830	117.1393	-256.3	356	QYA	0	0	0	0	47	27.8	2074	49	148	197	3.020	0.751	0.249	14.8	24.28
1829	40.8830	117.1385	-262.7	362	QYA	0	0	0	0	54	27.9	1954	65	98	198	1.508	0.495	0.328	14.8	24.27
1830	40.8830	117.1378	-267.4	361	QYA	0	0	0	0	38	27.9	2030	64	69	203	1.078	0.340	0.315	14.8	24.27
1831	40.8830	117.1371	-262.8	362	QYA	0	0	0	0	40	27.9	1968	64	57	209	0.891	0.273	0.306	14.8	24.27
1832	40.8831	117.1364	-255.1	365	QYA	0	0	0	0	42	27.9	1970	48	147	211	3.063	0.697	0.227	14.8	24.26
1833	40.8831	117.1357	-246.5	374	QYA	0	0	0	0	43	28.1	1952	51	113	190	2.216	0.595	0.268	14.8	24.24
1834	40.8832	117.1350	-234.4	378	QYA	0	0	0	0	46	28.2	1975	55	105	199	1.909	0.528	0.276	14.8	24.24
1835	40.8834	117.1344	-226.8	388	QYA	0	0	0	0	33	28.3	2016	71	87	217	1.225	0.401	0.327	14.8	24.23
1836	40.8835	117.1337	-216.8	391	QYA	0	0	0	0	40	28.4	1986	71	161	144	2.268	1.118	0.493	14.9	24.23
1837	40.8837	117.1331	-202.0	392	QYA	0	0	0	0	45	28.4	2024	63	99	207	1.571	0.478	0.304	14.9	24.23
1838	40.8838	117.1324	-192.0	390	QYA	0	0	0	0	49	28.3	1979	50	113	214	2.260	0.528	0.234	14.8	24.23
1839	40.8840	117.1317	-186.2	389	QYA	0	0	0	0	44	28.3	2042	70	95	191	1.357	0.497	0.366	14.8	24.23
1840	40.8842	117.1311	-184.9	389	QYA	0	0	0	0	57	28.3	2009	57	80	215	1.481	0.372	0.251	14.8	24.22
1841	40.8843	117.1304	-185.4	388	QYA	0	0	0	0	39	28.3	1986	46	120	219	2.609	0.548	0.210	14.8	24.21
1842	40.8845	117.1298	-175.4	390	QYA	0	0	0	0	50	28.3	1948	59	111	187	1.881	0.594	0.316	14.8	24.25
1843	40.8846	117.1291	-169.1	391	QYA	0	0	0	0	43	28.4	1948	45	71	244	1.578	0.291	0.184	14.8	24.23
1844	40.8848	117.1285	-178.3	394	QYA	0	0	0	0	41	29.4	1909	73	68	164	0.932	0.415	0.445	14.8	24.22
1845	40.8849	117.1278	-199.0	396	QYA	0	0	0	0	38	29.5	1948	67	99	179	1.478	0.553	0.374	14.8	24.23
1846	40.8851	117.1272	-205.9	404	QYA	0	0	0	0	39	29.6	1982	52	147	187	2.827	0.786	0.278	14.9	24.23
1847	40.8852	117.1265	-197.6	409	QYA	0	0	0	0	59	29.7	1957	52	105	191	2.019	0.550	0.272	14.9	24.23
1848	40.8854	117.1258	-193.1	414	QYA	0	0	0	0	51	29.8	1878	42	86	199	2.048	0.432	0.211	14.9	24.23
1849	40.8856	117.1252	-190.5	414	QYA	0	0	0	0	44	29.8	1945	58	71	236	1.224	0.301	0.246	14.9	24.22
1850	40.8857	117.1245	-205.7	415	QYA	0	0	0	0	51	29.8	2014	51	119	200	2.333	0.595	0.255	14.9	24.21
1851	40.8859	117.1239	-223.2	416	QYA	0	0	0	0	49	29.8	1914	50	194	141	3.880	1.376	0.355	14.9	24.21
1852	40.8860	117.1232	-227.9	418	QYA	0	0	0	0	42	29.9	1898	54	111	173	2.056	0.642	0.312	14.9	24.21
1853	40.8862	117.1226	-228.9	414	QYA	0	0	0	0	56	29.8	1957	48	71	214	1.479	0.332	0.224	14.9	24.25
1854	40.8863	117.1219	-223.2	409	QYA	0	0	0	0	43	29.7	1951	62	59	227	0.952	0.260	0.273	14.9	24.25

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1855	40.8865	117.1213	-208.2	408	QYA	0	0	0	0	42	29.7	1934	39	123	217	3.154	0.567	0.180	14.9	24.24
1856	40.8867	117.1206	-186.9	407	QYA	0	0	0	0	61	29.6	1944	42	89	235	2.119	0.379	0.179	14.9	24.24
1857	40.8868	117.1199	-130.1	408	QYA	0	0	0	0	40	29.7	2015	56	106	211	1.893	0.502	0.265	14.9	24.23
1858	40.8870	117.1193	-130.4	406	QYA	0	0	0	0	41	29.6	1945	59	36	223	0.610	0.161	0.265	14.9	24.20
1859	40.8871	117.1186	-110.1	406	QYA	0	0	0	0	47	29.6	1943	49	71	223	1.449	0.318	0.220	14.9	24.23
1860	40.8873	117.1180	-121.2	399	QYA	0	0	0	0	47	29.5	1969	67	67	199	1.000	0.337	0.337	14.8	24.21
1861	40.8874	117.1173	-141.5	392	QYA	0	0	0	0	39	29.4	1896	52	83	212	1.596	0.392	0.245	14.8	24.20
1862	40.8876	117.1167	-169.7	384	QYA	0	0	0	0	49	29.3	1902	47	93	203	1.979	0.458	0.232	14.8	24.22
1863	40.8877	117.1160	-194.5	378	QYA	0	0	0	0	53	30.6	1992	44	79	272	1.795	0.290	0.162	14.7	24.23
1864	40.8879	117.1154	-219.0	374	QYA	0	0	1	0	41	30.5	1893	55	26	262	0.473	0.099	0.210	14.8	24.21
1865	40.8881	117.1147	-243.1	365	QYA	0	0	0	0	38	30.3	1972	49	97	234	1.980	0.415	0.209	14.8	24.22
1866	40.8882	117.1140	-260.9	355	QYA	0	0	0	0	53	30.1	2002	49	89	253	1.816	0.352	0.194	14.8	24.24
1867	40.8884	117.1134	-279.2	348	QYA	0	0	0	0	41	30.0	1994	65	51	218	0.785	0.234	0.298	14.8	24.24
1868	40.8885	117.1127	-282.5	340	QYA	0	0	0	0	40	29.9	1903	37	177	192	4.784	0.922	0.193	14.8	24.25
1869	40.8887	117.1121	-287.0	335	QYA	0	0	0	0	45	29.8	1896	51	121	191	2.373	0.634	0.267	14.8	24.25
1870	40.8888	117.1114	-292.0	335	QYA	0	0	0	0	58	29.8	1870	51	115	175	2.255	0.657	0.291	14.8	24.25
1871	40.8890	117.1108	-292.6	340	QYA	0	0	0	0	40	29.8	1918	59	65	229	1.102	0.284	0.258	14.9	24.25
1872	40.8892	117.1101	-300.6	337	QYA	0	0	0	0	45	29.8	1920	41	118	203	2.878	0.581	0.202	14.8	24.24
1873	40.8893	117.1095	-306.1	341	QYA	0	0	0	0	44	29.9	1876	56	81	210	1.446	0.386	0.267	14.8	24.24
1874	40.8895	117.1088	-316.8	345	QYA	0	0	0	0	41	29.9	1859	40	62	247	1.550	0.251	0.162	14.8	24.23
1875	40.8896	117.1081	-317.0	348	QYA	0	0	0	0	31	30.0	1949	52	130	215	2.500	0.605	0.242	14.8	24.22
1876	40.8898	117.1075	-329.2	352	QYA	0	0	0	0	48	30.1	1998	58	64	201	1.103	0.318	0.289	14.8	24.24
1877	40.8899	117.1068	-326.4	358	QYA	0	0	1	0	45	30.2	1912	72	0	250	0.014	0.004	0.288	14.8	24.23
1878	40.8901	117.1062	-322.0	368	QYA	0	0	0	0	45	30.4	1902	48	98	212	2.042	0.462	0.226	14.8	24.21
1879	40.8903	117.1055	-317.6	381	QYA	0	0	0	0	44	30.6	1962	55	104	175	1.891	0.594	0.314	14.8	24.17
1880	40.8904	117.1049	-317.6	385	QYA	0	0	0	0	38	30.7	1986	49	111	214	2.265	0.519	0.229	14.9	24.21
1881	40.8906	117.1042	-318.0	389	QYA	0	0	0	0	41	30.8	1949	57	71	219	1.246	0.324	0.260	14.9	24.22
1882	40.8907	117.1036	-316.5	388	QYA	0	0	0	0	42	31.4	1960	65	67	224	1.031	0.299	0.290	14.9	24.22
1883	40.8909	117.1029	-316.5	386	QYA	0	0	0	0	39	31.4	1900	51	158	139	3.098	1.137	0.367	14.9	24.23
1884	40.8910	117.1022	-315.2	385	QYA	0	0	0	0	50	31.4	2074	44	75	268	1.705	0.280	0.164	14.9	24.24
1885	40.8912	117.1016	-313.2	387	QYA	0	0	0	0	50	31.4	1926	49	159	147	3.245	1.082	0.333	14.8	24.24
1886	40.8913	117.1009	-310.4	390	QYA	0	0	0	0	53	31.5	2027	47	101	223	2.149	0.453	0.211	14.9	24.22
1887	40.8915	117.1003	-304.6	389	QYA	0	0	0	0	40	31.4	1966	49	113	169	2.306	0.669	0.290	14.9	24.23
1888	40.8917	117.0996	-304.4	388	QYA	0	0	0	0	35	31.4	1993	49	70	207	1.429	0.338	0.237	14.9	24.24
1889	40.8918	117.0990	-297.6	390	QYA	0	0	0	0	52	31.5	1922	40	122	197	3.050	0.619	0.203	14.8	24.22
1890	40.8920	117.0983	-297.6	388	QYA	0	0	0	0	37	31.4	1932	70	88	169	1.257	0.521	0.414	14.8	24.21
1891	40.8921	117.0977	-299.3	390	QYA	0	0	0	0	43	31.4	1967	63	83	183	1.317	0.454	0.344	14.8	24.22
1892	40.8923	117.0970	-299.5	390	QYA	0	0	0	0	34	31.5	2054	60	136	210	2.267	0.648	0.286	14.8	24.24
1893	40.8924	117.0963	-293.7	392	QYA	0	0	0	0	43	31.5	2027	66	127	188	1.924	0.676	0.351	14.8	24.23
1894	40.8926	117.0957	-292.7	392	QYA	0	0	0	0	51	31.5	1929	51	93	206	1.824	0.451	0.248	14.7	24.21
1895	40.8926	117.0950	-291.1	392	QYA	0	0	0	0	44	31.5	1960	53	104	182	1.962	0.571	0.291	14.7	24.21
1896	40.8925	117.0943	-288.7	392	QYA	0	0	0	0	58	31.5	1924	61	73	174	1.197	0.420	0.351	14.7	24.21
1897	40.8925	117.0937	-289.1	391	QYA	0	0	0	0	37	31.5	1956	63	62	205	0.984	0.302	0.307	14.7	24.19
1898	40.8925	117.0930	-289.3	388	QYA	0	0	0	0	43	31.4	1893	47	122	163	2.596	0.748	0.288	14.7	24.20
1899	40.8925	117.0923	-287.9	389	QYA	0	0	0	0	48	31.4	1881	47	128	156	2.723	0.821	0.301	14.7	24.21
1900	40.8924	117.0916	-291.0	388	QYA	0	0	0	0	44	31.4	1865	47	84	194	1.787	0.433	0.242	14.7	24.21
1901	40.8924	117.0910	-290.6	388	QYA	0	0	0	0	43	32.2	1835	42	164	160	3.905	1.025	0.262	14.7	24.19
1902	40.8924	117.0903	-287.0	391	QYA	0	0	0	0	43	32.3	1841	62	27	202	0.435	0.134	0.307	14.7	24.19
1903	40.8924	117.0896	-285.4	389	QYA	0	0	0	0	43	32.2	1834	45	43	224	0.956	0.192	0.201	14.7	24.19
1904	40.8923	117.0889	-285.3	391	QYA	0	0	0	0	44	32.3	1786	52	58	182	1.115	0.319	0.286	14.7	24.21
1905	40.8923	117.0883	-284.1	398	QYA	0	0	0	0	42	32.4	1869	58	119	143	2.052	0.832	0.406	14.8	24.23
1906	40.8923	117.0876	-282.0	400	QYA	0	0	0	0	45	32.4	1884	52	29	206	0.558	0.141	0.252	14.8	24.21
1907	40.8923	117.0869	-284.3	407	QYA	0	0	0	0	32	32.6	1855	45	142	158	3.156	0.899	0.285	14.9	24.21
1908	40.8922	117.0862	-287.4	413	QYA	0	0	0	0	47	32.7	1941	60	92	151	1.533	0.609	0.397	14.9	24.21

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1909	40.8922	117.0956	-281.8	412	QYA	0	0	0	0	50	32.7	1909	39	119	188	3.051	0.633	0.207	15.0	24.24
1910	40.8922	117.0849	-281.4	412	QYA	0	0	0	0	32	32.7	1811	45	120	163	2.667	0.736	0.276	14.9	24.21
1911	40.8922	117.0842	-278.3	411	QYA	0	0	0	0	55	32.7	1852	47	101	178	2.149	0.567	0.264	14.9	24.22
1912	40.8921	117.0835	-278.7	407	QYA	0	0	1	0	55	32.6	1827	54	10	226	0.185	0.044	0.239	14.9	24.22
1913	40.8921	117.0829	-277.9	405	QYA	0	0	0	0	38	32.5	1860	56	74	189	1.321	0.392	0.296	14.9	24.24
1914	40.8921	117.0822	-280.5	405	QYA	0	0	0	0	44	32.5	1859	38	111	187	2.921	0.594	0.203	14.9	24.23
1915	40.8921	117.0815	-281.4	398	QYA	0	0	0	0	46	32.4	1847	62	53	192	0.855	0.276	0.323	14.9	24.24
1916	40.8920	117.0808	-280.3	399	QYA	0	0	0	0	49	32.4	1840	60	60	195	1.000	0.308	0.308	15.0	24.26
1917	40.8920	117.0802	-280.7	396	QYA	0	0	0	0	42	32.4	1902	57	105	188	1.842	0.559	0.303	15.0	24.24
1918	40.8920	117.0795	-279.6	397	QYA	0	0	0	0	50	32.4	1884	43	57	237	1.326	0.241	0.181	15.0	24.21
1919	40.8919	117.0788	-278.0	397	QYA	0	0	0	0	46	32.4	1814	51	85	171	1.667	0.497	0.298	15.0	24.24
1920	40.8919	117.0781	-277.1	395	QYA	0	0	0	0	42	31.7	1862	39	111	210	2.846	0.529	0.186	15.0	24.25
1921	40.8919	117.0775	-277.8	391	QYA	0	0	0	0	43	31.6	1912	56	97	191	1.732	0.508	0.293	15.0	24.25
1922	40.8919	117.0768	-278.7	390	QYA	0	0	0	0	47	31.6	1844	29	157	189	5.414	0.831	0.153	15.0	24.26
1923	40.8918	117.0761	-277.3	391	QYA	0	0	0	0	44	31.6	1838	36	151	176	4.194	0.858	0.205	15.0	24.24
1924	40.8918	117.0754	-277.2	393	QYA	0	0	0	0	39	31.7	1859	45	110	195	2.444	0.564	0.231	15.0	24.23
1925	40.8918	117.0748	-273.1	389	QYA	0	0	0	0	34	31.6	1873	55	67	191	1.218	0.351	0.288	15.0	24.23
1926	40.8918	117.0741	-271.7	391	QYA	0	0	0	0	46	31.6	2008	65	63	211	0.969	0.299	0.308	15.0	24.25
1927	40.8917	117.0734	-270.8	389	QYA	0	0	0	0	42	31.6	2059	51	98	234	1.922	0.419	0.218	15.0	24.22
1928	40.8917	117.0727	-274.3	385	QYA	0	0	0	0	58	31.5	1997	46	46	249	1.000	0.185	0.185	15.0	24.25
1929	40.8917	117.0721	-273.9	381	QYA	0	0	0	0	46	31.4	1939	51	92	208	1.804	0.442	0.245	14.9	24.24
1930	40.8917	117.0714	-274.1	377	QYA	0	0	0	0	40	31.4	1956	62	62	232	1.000	0.267	0.267	14.9	24.22
1931	40.8916	117.0707	-272.0	376	QYA	0	0	0	0	42	31.3	1924	64	124	155	1.938	0.800	0.413	14.9	24.20
1932	40.8916	117.0700	-270.3	381	QYA	0	0	0	0	33	31.4	1891	64	40	241	0.625	0.166	0.266	14.9	24.23
1933	40.8916	117.0694	-270.4	384	QYA	0	0	0	0	42	31.5	1847	51	129	162	2.529	0.796	0.315	14.9	24.23
1934	40.8916	117.0687	-270.1	386	QYA	0	0	0	0	40	31.5	1843	42	76	209	1.810	0.364	0.201	14.9	24.20
1935	40.8915	117.0680	-270.9	394	QYA	0	0	0	0	50	31.7	1858	45	99	217	2.200	0.456	0.207	14.9	24.19
1936	40.8915	117.0673	-270.7	402	QYA	0	0	1	0	37	31.8	1817	60	23	234	0.383	0.098	0.256	14.9	24.19
1937	40.8915	117.0667	-271.3	406	QYA	0	0	0	0	36	31.9	1870	51	81	196	1.588	0.413	0.260	14.9	24.17
1938	40.8915	117.0660	-272.7	410	QYA	0	0	0	0	43	32.0	1887	67	29	206	0.433	0.141	0.325	14.9	24.19
1939	40.8914	117.0653	-271.3	410	QYA	0	0	0	0	42	31.3	1912	58	138	153	2.379	0.902	0.379	14.9	24.18
1940	40.8914	117.0646	-270.7	407	QYA	0	0	0	0	33	31.3	1891	56	84	188	1.500	0.447	0.298	14.9	24.18
1941	40.8914	117.0640	-271.8	408	QYA	0	0	0	0	34	31.3	1878	40	84	236	2.100	0.356	0.169	14.9	24.18
1942	40.8913	117.0633	-272.0	401	QYA	0	0	0	0	40	31.1	1878	69	42	222	0.609	0.189	0.311	14.9	24.17
1943	40.8913	117.0626	-271.3	405	QYA	0	0	0	0	47	31.2	1889	33	107	190	3.242	0.563	0.174	14.9	24.18
1944	40.8913	117.0619	-270.9	409	QYA	0	0	0	0	36	31.3	1847	43	128	199	2.977	0.643	0.216	14.9	24.18
1945	40.8913	117.0613	-272.6	412	QYA	0	0	0	0	33	31.3	1871	44	115	206	2.614	0.558	0.214	14.8	24.16
1946	40.8912	117.0606	-275.7	413	QYA	0	0	0	0	40	31.4	1903	49	101	213	2.061	0.474	0.230	14.9	24.18
1947	40.8912	117.0599	-276.3	414	QYA	0	0	0	0	33	31.4	1874	62	41	222	0.661	0.185	0.279	14.9	24.17
1948	40.8912	117.0592	-275.7	416	QYA	0	0	0	0	50	31.4	1844	47	92	206	1.957	0.447	0.228	14.9	24.17
1949	40.8912	117.0586	-278.6	408	QYA	0	0	0	0	48	31.3	1891	27	82	241	3.037	0.340	0.112	15.0	24.19
1950	40.8911	117.0579	-280.5	411	QYA	0	0	0	0	37	31.3	1843	50	125	185	2.500	0.676	0.270	15.0	24.21
1951	40.8911	117.0572	-281.1	416	QYA	0	0	0	0	38	31.4	1829	53	75	168	1.415	0.446	0.315	14.9	24.18
1952	40.8911	117.0565	-279.6	424	QYA	0	0	0	0	30	31.6	1877	45	55	242	1.222	0.227	0.186	15.0	24.19
1953	40.8911	117.0559	-278.2	431	QYA	0	0	0	0	29	31.7	1843	39	77	227	1.974	0.339	0.172	15.0	24.18
1954	40.8910	117.0552	-282.6	433	QYA	0	0	0	0	35	31.7	1817	70	38	211	0.543	0.180	0.332	15.0	24.15
1955	40.8910	117.0545	-280.5	434	QYA	0	0	0	0	47	31.7	1807	44	69	193	1.568	0.358	0.228	15.1	24.19
1956	40.8910	117.0538	-282.1	433	QYA	0	0	0	0	41	31.7	1873	42	80	212	1.905	0.377	0.198	15.1	24.18
1957	40.8910	117.0531	-284.3	429	QYA	0	0	0	0	46	31.7	1802	35	89	187	2.543	0.476	0.187	15.1	24.18
1958	40.8909	117.0525	-285.4	425	QYA	0	0	0	0	49	29.8	1793	34	66	224	1.941	0.295	0.152	15.2	24.17
1959	40.8909	117.0518	-285.6	422	QYA	0	0	0	0	57	29.7	1854	34	105	198	3.088	0.530	0.172	15.1	24.17
1960	40.8909	117.0511	-285.0	417	QYA	0	0	1	0	53	29.6	1812	42	18	257	0.429	0.070	0.163	15.2	24.17
1961	40.8909	117.0504	-286.2	407	QYA	0	0	0	0	47	29.5	1796	46	82	172	1.783	0.477	0.267	15.1	24.15
1962	40.8908	117.0498	-287.5	396	QYA	0	0	0	0	38	29.3	1841	51	91	194	1.784	0.469	0.263	15.1	24.17

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1963	40.8908	117.0491	-288.2	386	QYA	0	0	0	0	44	29.1	1869	45	113	180	2.511	0.628	0.250	15.1	24.18
1964	40.8908	117.0484	-289.9	377	QYA	0	0	0	0	35	28.9	1810	44	69	238	1.568	0.290	0.185	15.1	24.19
1965	40.8907	117.0477	-288.8	370	QYA	0	0	0	0	39	28.8	1774	35	128	210	3.657	0.610	0.167	15.1	24.19
1966	40.8907	117.0471	-289.0	368	QYA	0	0	0	0	50	28.8	1860	35	158	166	4.514	0.952	0.211	15.1	24.17
1967	40.8907	117.0464	-289.4	364	QYA	0	0	0	0	38	28.7	1827	50	97	190	1.940	0.511	0.263	15.1	24.19
1968	40.8907	117.0457	-289.3	365	QYA	0	0	0	0	43	28.7	1857	26	160	215	6.154	0.744	0.121	15.1	24.19
1969	40.8906	117.0450	-289.6	365	QYA	0	0	0	0	45	28.7	1884	51	63	228	1.235	0.276	0.224	15.1	24.21
1970	40.8906	117.0444	-293.0	366	QYA	0	0	0	0	44	28.7	1921	37	115	191	3.108	0.602	0.194	15.0	24.20
1971	40.8906	117.0437	-290.6	373	QYA	0	0	0	0	41	28.9	1827	44	154	154	3.500	1.000	0.286	15.1	24.20
1972	40.8906	117.0430	-290.9	381	QYA	0	0	0	0	42	29.0	1918	51	55	238	1.078	0.231	0.214	15.1	24.20
1973	40.8905	117.0423	-288.8	384	QYA	0	0	0	0	46	29.1	1827	34	61	220	1.794	0.277	0.155	15.1	24.18
1974	40.8905	117.0417	-290.1	391	QYA	0	0	0	0	48	29.2	1863	54	64	198	1.185	0.323	0.273	15.1	24.18
1975	40.8905	117.0410	-289.4	395	QYA	0	0	0	0	33	29.2	1815	55	44	225	0.800	0.196	0.244	15.1	24.19
1976	40.8905	117.0403	-289.5	399	QYA	0	0	0	0	50	29.3	1811	35	163	148	4.657	1.101	0.236	15.2	24.17
1977	40.8904	117.0396	-292.6	404	QYA	0	0	0	0	45	29.4	1864	30	179	164	5.967	1.091	0.183	15.1	24.17
1978	40.8904	117.0390	-292.3	402	QYA	0	0	0	0	51	29.3	1913	42	131	209	3.119	0.627	0.201	15.1	24.16
1979	40.8904	117.0383	-288.2	401	QYA	0	0	0	0	51	29.3	1830	36	81	220	2.250	0.368	0.164	15.1	24.18
1980	40.8904	117.0376	-290.8	404	QYA	0	0	0	0	40	29.4	1842	50	93	188	1.860	0.495	0.266	15.1	24.16
1981	40.8903	117.0369	-287.9	402	QYA	0	0	0	0	44	29.3	1869	56	76	197	1.357	0.386	0.284	15.1	24.17
1982	40.8903	117.0363	-284.8	403	QYA	0	0	0	0	38	29.4	1851	34	105	202	3.088	0.520	0.168	15.1	24.18
1983	40.8903	117.0356	-282.5	397	QYA	0	0	0	0	52	29.3	1867	48	119	162	2.479	0.735	0.296	15.1	24.19
1984	40.8903	117.0349	-278.7	391	QYA	0	0	0	0	49	29.2	1870	34	149	161	4.382	0.925	0.211	15.1	24.15
1985	40.8902	117.0342	-273.3	389	QYA	0	0	0	0	42	29.1	1894	46	160	158	3.478	1.013	0.291	15.1	24.17
1986	40.8902	117.0336	-267.2	385	QYA	0	0	0	0	40	29.1	1954	41	139	195	3.390	0.713	0.210	15.1	24.16
1987	40.8902	117.0329	-262.1	386	QYA	0	0	0	0	41	29.1	1766	55	79	172	1.436	0.459	0.320	15.1	24.17
1988	40.8901	117.0322	-260.7	389	QYA	0	0	1	0	36	29.1	1894	56	20	242	0.357	0.083	0.231	15.1	24.17
1989	40.8901	117.0315	-257.1	391	QYA	0	0	0	0	28	29.2	1813	42	101	171	2.405	0.591	0.246	15.1	24.17
1990	40.8901	117.0309	-255.9	394	QYA	0	0	1	0	47	29.2	1798	57	16	221	0.281	0.072	0.258	15.1	24.15
1991	40.8901	117.0302	-256.6	395	QYA	0	0	0	0	58	29.2	1878	40	86	209	2.150	0.411	0.191	15.1	24.15
1992	40.8900	117.0295	-257.7	394	QYA	0	0	0	0	47	29.2	1849	44	61	228	1.386	0.268	0.193	15.1	24.16
1993	40.8900	117.0288	-257.8	395	QYA	0	0	0	0	46	29.2	1878	49	101	211	2.061	0.479	0.232	15.1	24.17
1994	40.8900	117.0282	-258.5	391	QYA	0	0	0	0	63	29.2	1947	41	42	248	1.024	0.169	0.165	15.1	24.19
1995	40.8900	117.0275	-259.7	387	QYA	0	0	0	0	43	29.1	1900	57	94	188	1.649	0.500	0.303	15.1	24.16
1996	40.8899	117.0268	-256.6	386	QYA	0	0	0	0	49	28.4	1829	43	120	195	2.791	0.615	0.221	15.1	24.17
1997	40.8899	117.0261	-256.0	383	QYA	0	0	0	0	40	28.4	1888	46	122	196	2.652	0.622	0.235	15.1	24.18
1998	40.8899	117.0255	-255.1	382	QYA	0	0	0	0	56	28.3	1943	49	82	219	1.673	0.374	0.224	15.1	24.18
1999	40.8899	117.0248	-253.7	389	QYA	0	0	0	0	58	28.5	1992	45	96	211	2.133	0.455	0.213	15.1	24.15
2000	40.8898	117.0241	-252.0	393	QYA	0	0	0	0	52	28.5	1988	60	39	244	0.650	0.160	0.246	15.1	24.15
2001	40.8898	117.0234	-254.9	393	QYA	0	0	0	0	50	28.5	1938	45	82	225	1.822	0.364	0.200	15.1	24.16
2002	40.8898	117.0228	-252.3	397	QYA	0	0	0	0	38	28.6	1921	51	134	182	2.627	0.736	0.280	15.1	24.15
2003	40.8898	117.0221	-249.9	397	QYA	0	0	0	0	42	28.6	2034	41	123	201	3.000	0.612	0.204	15.1	24.13
2004	40.8897	117.0214	-252.5	403	QYA	0	0	0	0	52	28.7	1995	50	116	211	2.320	0.550	0.237	15.1	24.15
2005	40.8897	117.0207	-248.9	401	QYA	0	0	0	0	54	28.7	1897	41	149	227	3.634	0.656	0.181	15.1	24.14
2006	40.8897	117.0201	-250.8	403	QYA	0	0	0	0	45	28.7	1954	57	130	185	2.281	0.703	0.308	15.2	24.17
2007	40.8897	117.0194	-248.9	406	QYA	0	0	0	0	37	28.7	2054	46	126	210	2.739	0.600	0.219	15.1	24.16
2008	40.8896	117.0187	-245.5	411	QYA	0	0	0	0	34	28.8	2005	62	67	231	1.081	0.290	0.268	15.1	24.14
2009	40.8896	117.0180	-240.0	414	QA1	0	0	0	0	49	28.9	1983	37	77	252	2.081	0.306	0.147	15.2	24.15
2010	40.8896	117.0174	-240.2	416	QA1	0	0	0	0	36	28.9	1928	47	114	217	2.426	0.525	0.217	15.2	24.16
2011	40.8895	117.0167	-240.8	415	QA1	0	0	0	0	56	28.9	1950	40	101	236	2.525	0.428	0.169	15.2	24.15
2012	40.8895	117.0160	-240.7	412	QA1	0	0	0	0	34	28.8	2030	62	121	182	1.952	0.665	0.341	15.2	24.16
2013	40.8895	117.0153	-241.4	411	QA1	0	0	0	0	45	28.8	1941	46	89	225	1.935	0.396	0.204	15.2	24.15
2014	40.8895	117.0147	-240.5	411	QA1	0	0	0	0	38	28.8	1927	64	69	195	1.078	0.354	0.328	15.2	24.15
2015	40.8894	117.0140	-240.9	412	QA1	0	0	0	0	36	30.9	1946	55	135	179	2.455	0.754	0.307	15.1	24.14
2016	40.8894	117.0133	-238.5	412	QA1	0	0	0	0	44	30.9	1967	56	98	180	1.750	0.544	0.311	15.2	24.15

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2017	40.8894	117.0126	-241.6	412	QA1	0	0	0	0	46	30.9	1952	40	133	165	3.325	0.806	0.242	15.2	24.17
2018	40.8894	117.0120	-239.7	418	QA1	0	0	0	0	51	31.0	1892	45	34	260	0.756	0.131	0.173	15.2	24.13
2019	40.8893	117.0113	-235.6	422	QA1	0	0	0	0	43	31.1	1926	50	98	183	1.960	0.536	0.273	15.2	24.12
2020	40.8893	117.0106	-239.4	422	QA1	0	0	0	0	48	31.1	2064	43	140	234	3.256	0.598	0.184	15.2	24.11
2021	40.8893	117.0099	-238.8	423	QA1	0	0	0	0	42	31.1	1958	46	127	202	2.761	0.629	0.228	15.2	24.13
2022	40.8893	117.0093	-238.7	422	QA1	0	0	0	0	41	31.1	1966	43	143	192	3.326	0.745	0.224	15.2	24.12
2023	40.8892	117.0086	-239.3	426	QA1	0	0	0	0	46	31.1	1938	35	117	196	3.343	0.597	0.179	15.3	24.13
2024	40.8892	117.0079	-239.2	425	QA1	0	0	0	0	54	31.1	1946	39	117	211	3.000	0.555	0.185	15.3	24.10
2025	40.8892	117.0072	-238.1	427	QA1	0	0	0	0	49	31.1	1974	55	79	226	1.436	0.350	0.243	15.3	24.11
2026	40.8892	117.0066	-236.5	421	QA1	0	0	0	0	53	31.0	1976	52	53	222	1.019	0.239	0.234	15.3	24.09
2027	40.8891	117.0059	-237.2	412	QA1	0	0	0	0	52	30.9	1898	24	162	196	6.750	0.827	0.122	15.4	24.14
2028	40.8891	117.0052	-238.7	401	QA1	0	0	0	0	41	30.7	1891	47	75	212	1.596	0.354	0.222	15.3	24.15
2029	40.8891	117.0045	-238.6	399	QA1	0	0	0	0	50	30.6	1936	50	71	231	1.420	0.307	0.216	15.3	24.13
2030	40.8891	117.0039	-239.7	397	QA1	0	0	0	0	39	30.6	1923	46	84	218	1.826	0.385	0.211	15.3	24.13
2031	40.8890	117.0032	-237.8	400	QA1	0	0	0	0	48	30.7	1966	55	103	200	1.873	0.515	0.275	15.3	24.13
2032	40.8890	117.0025	-234.7	407	QA1	0	0	0	0	38	30.8	1939	49	91	214	1.857	0.425	0.229	15.3	24.11
2033	40.8890	117.0018	-235.5	408	QA1	0	0	0	0	44	30.8	1881	48	112	189	2.333	0.593	0.254	15.3	24.14
2034	40.8889	117.0012	-232.7	410	QA1	0	0	0	0	33	27.9	2009	38	129	246	3.395	0.524	0.154	15.3	24.13
2035	40.8889	117.0005	-234.0	416	QA1	0	0	0	0	38	28.0	1825	41	47	224	1.146	0.210	0.183	15.3	24.09
2036	40.8889	116.9998	-237.6	416	QA1	0	0	0	0	39	28.0	1871	52	29	233	0.558	0.124	0.223	15.3	24.11
2037	40.8889	116.9991	-236.5	416	QA1	0	0	0	0	36	28.0	1916	44	108	201	2.455	0.537	0.219	15.3	24.10
2038	40.8888	116.9985	-238.2	414	QA1	0	0	0	0	39	28.0	1986	52	54	249	1.038	0.217	0.209	15.2	24.12
2039	40.8888	116.9978	-236.9	407	QA1	0	0	1	0	46	27.8	1867	50	-4	277	-0.080	-0.014	0.181	15.3	24.12
2040	40.8888	116.9971	-233.0	403	QA1	0	0	0	0	44	27.8	1852	48	93	201	1.938	0.463	0.239	15.3	24.15
2041	40.8888	116.9964	-233.7	398	QA1	0	0	0	0	40	27.7	1905	48	132	190	2.750	0.695	0.253	15.3	24.13
2042	40.8887	116.9958	-233.9	395	QA1	0	0	0	0	46	27.7	1885	58	36	234	0.621	0.154	0.248	15.3	24.15
2043	40.8887	116.9951	-231.3	391	QA1	0	0	0	0	44	27.6	1825	43	71	212	1.651	0.335	0.203	15.3	24.13
2044	40.8887	116.9944	-228.4	394	QA1	0	0	0	0	35	27.6	1898	60	75	195	1.250	0.385	0.308	15.4	24.16
2045	40.8887	116.9937	-234.5	394	QA1	0	0	0	0	39	27.6	1854	36	105	221	2.917	0.475	0.163	15.3	24.15
2046	40.8886	116.9931	-234.4	388	QA1	0	0	0	0	43	27.5	1845	59	61	190	1.034	0.321	0.311	15.4	24.17
2047	40.8886	116.9924	-233.3	384	QA1	0	0	0	0	43	27.5	1917	52	56	219	1.077	0.256	0.237	15.4	24.18
2048	40.8886	116.9917	-236.3	377	QA1	0	0	0	0	54	27.4	2019	52	55	268	1.058	0.205	0.194	15.4	24.19
2049	40.8886	116.9910	-238.2	375	QA1	0	0	0	0	42	27.3	1945	40	89	212	2.225	0.420	0.189	15.3	24.17
2050	40.8885	116.9904	-235.3	377	QA1	0	0	0	0	58	27.4	1867	40	142	167	3.550	0.850	0.240	15.4	24.16
2051	40.8885	116.9897	-232.7	375	QA1	0	0	0	0	42	27.3	1882	38	133	202	3.500	0.658	0.188	15.4	24.16
2052	40.8885	116.9890	-235.4	369	QA1	0	0	0	0	44	27.2	1830	46	94	190	2.043	0.495	0.242	15.4	24.19
2053	40.8885	116.9883	-238.0	371	QA1	0	0	0	0	43	24.3	1866	42	90	230	2.143	0.391	0.183	15.3	24.18
2054	40.8884	116.9877	-238.6	369	QA1	0	0	0	0	48	24.2	1847	44	114	161	2.591	0.708	0.273	15.3	24.17
2055	40.8884	116.9870	-239.8	367	QA1	0	0	0	0	49	24.2	1881	47	85	237	1.809	0.359	0.198	15.3	24.18
2056	40.8884	116.9863	-240.2	369	QA1	0	0	0	0	49	24.2	1933	40	110	206	2.750	0.534	0.194	15.3	24.17
2057	40.8883	116.9856	-239.6	365	QA1	0	0	0	0	27	24.2	1870	45	95	207	2.111	0.459	0.217	15.4	24.18
2058	40.8883	116.9850	-244.0	362	QA1	0	0	0	0	48	24.1	1875	33	145	202	4.394	0.718	0.163	15.3	24.17
2059	40.8883	116.9843	-242.	362	QA1	0	0	1	0	38	24.1	1873	62	18	222	0.290	0.081	0.279	15.3	24.16
2060	40.8883	116.9836	-242.0	364	QA1	0	0	0	0	43	24.2	1953	42	150	217	3.571	0.691	0.194	15.2	24.17
2061	40.8882	116.9829	-245.9	366	QA1	0	0	0	0	47	24.2	1839	54	50	229	0.926	0.218	0.236	15.3	24.19
2062	40.8882	116.9823	-244.9	373	QA1	0	0	0	0	47	24.3	1884	43	134	200	3.116	0.670	0.215	15.3	24.15
2063	40.8882	116.9816	-243.3	378	QA1	0	0	0	0	55	24.4	1977	48	61	205	1.271	0.298	0.234	15.3	24.16
2064	40.8882	116.9809	-241.6	381	QA1	0	0	0	0	42	24.4	1853	39	123	214	3.154	0.575	0.182	15.3	24.14
2065	40.8881	116.9802	-241.5	383	QA1	0	0	0	0	41	24.5	1843	47	27	233	0.574	0.116	0.202	15.3	24.13
2066	40.8881	116.9796	-243.4	382	QA1	0	0	0	0	47	24.4	1862	55	105	156	1.909	0.673	0.353	15.3	24.15
2067	40.8881	116.9789	-241.3	384	QA1	0	0	0	0	55	24.5	1811	38	95	197	2.500	0.482	0.193	15.3	24.16
2068	40.8881	116.9782	-241.9	387	QA1	0	0	0	0	39	24.5	1884	51	103	168	2.020	0.613	0.304	15.3	24.13
2069	40.8880	116.9775	-241.7	389	QA1	0	0	0	0	49	24.5	1874	35	137	231	3.914	0.593	0.152	15.3	24.11
2070	40.8880	116.9769	-236.2	383	QA1	0	0	0	0	40	24.4	1916	53	132	180	2.491	0.733	0.294	15.3	24.15

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2071	40.8880	116.9762	-237.6	379	QA1	0	0	0	0	40	24.4	1862	51	125	149	2.451	0.839	0.342	15.3	24.13
2072	40.8880	116.9755	-238.8	373	QA1	0	0	0	0	37	20.3	1823	64	65	183	1.016	0.355	0.350	15.3	24.14
2073	40.8879	116.9748	-240.9	370	QA1	0	0	0	0	39	20.2	1880	60	105	181	1.750	0.580	0.331	15.3	24.15
2074	40.8879	116.9742	-242.1	365	QA1	0	0	0	0	32	20.2	1882	54	77	226	1.426	0.341	0.239	15.3	24.17
2075	40.8879	116.9735	-242.2	364	QA1	0	0	0	0	33	20.2	1898	44	136	191	3.091	0.712	0.230	15.2	24.15
2076	40.8879	116.9728	-239.4	360	QA1	0	0	0	0	51	20.1	1905	46	153	164	3.326	0.933	0.280	15.2	24.14
2077	40.8878	116.9721	-238.1	358	QA1	0	0	0	0	32	20.1	2039	67	123	207	1.836	0.594	0.324	15.2	24.13
2078	40.8878	116.9715	-234.2	353	QA1	0	0	0	0	43	20.0	1978	68	64	246	0.941	0.260	0.276	15.3	24.15
2079	40.8878	116.9708	-233.6	354	QA1	0	0	0	0	44	20.0	1883	45	58	252	1.289	0.230	0.179	15.1	24.12
2080	40.8877	116.9701	-236.3	352	QA1	0	0	0	0	38	20.0	1966	53	139	205	2.623	0.678	0.259	15.1	24.13
2081	40.8877	116.9694	-241.4	350	QA1	0	0	0	0	45	20.0	2065	63	78	248	1.238	0.315	0.254	15.2	24.14
2082	40.8877	116.9688	-239.8	352	QA1	0	0	0	0	32	20.0	2010	54	124	210	2.296	0.590	0.257	15.1	24.11
2083	40.8877	116.9681	-241.7	352	QA1	0	0	0	0	41	20.0	2014	51	155	200	3.039	0.775	0.255	15.1	24.10
2084	40.8876	116.9674	-242.0	356	QA1	0	0	0	0	41	20.1	1909	53	125	199	2.358	0.628	0.266	15.1	24.13
2085	40.8876	116.9667	-242.8	360	QA1	0	0	0	0	39	20.1	2016	43	198	200	4.605	0.990	0.215	15.1	24.12
2086	40.8876	116.9661	-245.5	363	QA1	0	0	0	0	46	20.1	1970	56	107	182	1.911	0.588	0.308	15.1	24.11
2087	40.8876	116.9654	-249.3	366	QA1	0	0	0	0	46	20.2	1893	54	68	224	1.259	0.304	0.241	15.1	24.11
2088	40.8875	116.9647	-254.4	370	QA1	0	0	0	0	52	20.2	1945	43	80	227	1.860	0.352	0.189	15.1	24.11
2089	40.8875	116.9640	-257.3	374	QA1	0	0	0	0	47	20.3	1966	56	131	182	2.339	0.720	0.308	15.1	24.09
2090	40.8875	116.9634	-255.6	381	QA1	0	0	0	0	43	20.4	1975	61	133	194	2.180	0.686	0.314	15.2	24.09
2091	40.8875	116.9627	-256.7	382	QA1	0	0	0	0	45	22.1	1979	53	83	211	1.566	0.393	0.251	15.2	24.09
2092	40.8874	116.9620	-262.2	375	QA1	0	0	0	0	48	22.0	1982	50	135	195	2.700	0.692	0.256	15.2	24.10
2093	40.8874	116.9613	-267.1	370	QA1	0	0	0	0	39	22.0	1998	59	86	237	1.458	0.363	0.249	15.2	24.11
2094	40.8874	116.9607	-272.5	364	QA1	0	0	0	0	51	21.9	1976	61	100	20(	1.639	0.485	0.296	15.2	24.11
2095	40.8874	116.9600	-280.7	358	QA1	0	0	0	0	43	21.8	1983	64	108	201	1.688	0.537	0.318	15.2	24.13
2096	40.8873	116.9593	-284.9	353	QA1	0	0	0	0	40	21.7	1960	55	99	214	1.800	0.463	0.257	15.2	24.15
2097	40.8873	116.9586	-287.0	350	QA1	0	0	0	0	52	21.7	1979	42	130	219	3.095	0.594	0.192	15.2	24.14
2098	40.8873	116.9580	-290.4	346	QA1	0	0	0	0	35	21.6	1907	42	94	225	2.238	0.418	0.187	15.2	24.13
2099	40.8873	116.9573	-294.3	347	QA1	0	0	0	0	45	21.6	1968	78	71	189	0.910	0.376	0.413	15.2	24.16
2100	40.8872	116.9566	-295.9	351	QA1	0	0	0	0	50	21.7	1977	48	100	237	2.083	0.422	0.203	15.2	24.14
2101	40.8872	116.9559	-297.6	352	QA1	0	0	0	0	42	21.7	1962	62	139	163	2.242	0.853	0.380	15.2	24.13
2102	40.8872	116.9553	-296.2	352	QA1	0	0	0	0	38	21.7	1967	72	39	246	0.542	0.159	0.293	15.2	24.13
2103	40.8871	116.9546	-291.0	356	QA1	0	0	0	0	45	21.8	1891	40	171	137	4.275	1.248	0.292	15.2	24.13
2104	40.8871	116.9539	-280.4	363	QA1	0	0	0	0	54	21.9	2016	58	121	210	2.086	0.576	0.276	15.2	24.12
2105	40.8871	116.9532	-272.4	370	QA1	0	0	0	0	48	22.0	1978	61	112	199	1.836	0.563	0.307	15.2	24.15
2106	40.8871	116.9525	-255.5	371	QA1	0	0	0	0	36	22.0	2014	52	160	208	3.077	0.769	0.250	15.2	24.13
2107	40.8870	116.9519	-243.9	375	QA1	0	0	0	0	42	22.0	2044	46	124	250	2.696	0.496	0.184	15.3	24.13
2108	40.8870	116.9512	-239.5	380	QA1	0	0	0	0	45	22.1	1984	69	85	226	1.232	0.376	0.305	15.3	24.11
2109	40.8870	116.9505	-241.6	380	QA1	0	0	0	0	57	22.1	2025	49	97	237	1.980	0.409	0.207	15.2	24.11
2110	40.8870	116.9498	-250.2	386	QA1	0	0	0	0	37	25.4	1984	40	145	206	3.625	0.704	0.194	15.2	24.11
2111	40.8869	116.9492	-262.3	384	QA1	0	0	0	0	41	25.3	1988	45	123	205	2.733	0.600	0.220	15.2	24.09
2112	40.8869	116.9485	-275.5	386	QA1	0	0	0	0	39	25.4	1954	51	1[illegible]7	181	2.882	0.812	0.282	15.3	24.11
2113	40.8869	116.9478	-283.1	390	QA1	0	0	0	0	41	25.4	1950	44	55	230	1.250	0.239	0.191	15.2	24.09
2114	40.8869	116.9471	-287.4	391	QA1	0	0	0	0	48	25.4	1905	32	44	302	1.375	0.146	0.106	15.2	24.07
2115	40.8868	116.9465	-287.3	395	QA1	0	0	0	0	36	25.5	1938	58	69	231	1.190	0.299	0.251	15.1	24.05
2116	40.8868	116.9458	-287.1	400	QA1	0	0	0	0	45	25.6	2032	54	126	192	2.333	0.656	0.281	15.2	24.06
2117	40.8868	116.9451	-289.2	402	QA1	0	0	0	0	50	25.6	1941	47	42	255	0.894	0.165	0.184	15.1	24.05
2118	40.8868	116.9444	-293.7	399	QA1	0	0	0	0	45	25.6	1903	48	116	221	2.417	0.525	0.217	15.1	24.05
2119	40.8867	116.9438	-292.6	397	QA1	0	0	0	0	61	25.5	1961	35	139	198	3.971	0.702	0.177	15.1	24.05
2120	40.8867	116.9431	-294.7	392	QA1	0	0	1	0	43	25.4	1940	65	21	273	0.323	0.077	0.238	15.1	24.05
2121	40.8867	116.9424	-300.1	392	QA1	0	0	0	0	38	25.4	1925	50	114	231	2.280	0.494	0.216	15.0	24.06
2122	40.8867	116.9417	-302.0	392	QA1	0	0	0	0	43	25.4	1895	51	81	210	1.588	0.386	0.243	15.1	24.06
2123	40.8866	116.9411	-306.4	394	QA1	0	0	0	0	35	25.5	1955	37	104	242	2.811	0.430	0.153	15.0	24.06
2124	40.8866	116.9404	-312.5	395	QA1	0	0	0	0	50	25.5	1852	42	122	172	2.905	0.709	0.244	15.1	24.07

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	IL:K	TEMP	BP
2125	40.8866	116.9397	-314.9	396	QA1	0	0	0	0	53	25.5	1909	36	154	174	4.278	0.885	0.207	15.1	24.05
2126	40.8865	116.9390	-318.2	396	QA1	0	0	0	0	43	25.5	1882	48	95	202	1.979	0.470	0.238	15.1	24.04
2127	40.8865	116.9384	-324.3	400	QA1	0	0	0	0	44	25.6	1757	44	41	228	0.932	0.180	0.193	15.2	24.05
2128	40.8865	116.9377	-324.4	407	QA1	0	0	1	0	62	25.7	1776	37	4	244	0.108	0.016	0.152	15.2	24.04
2129	40.8865	116.9370	-329.5	412	QA1	0	0	0	0	42	28.4	1764	48	86	143	1.792	0.601	0.336	15.3	24.05
2130	40.8864	116.9363	-330.2	411	QA1	0	0	0	0	53	28.3	1765	39	82	185	2.103	0.443	0.211	15.2	24.05
2131	40.8864	116.9357	-331.0	410	QA1	0	0	0	0	36	28.3	1727	42	82	180	1.952	0.456	0.233	15.2	24.03
2132	40.8864	116.9350	-326.6	413	QA1	0	0	0	0	58	28.4	1667	40	37	207	0.925	0.179	0.193	15.3	24.03
2133	40.8864	116.9343	-323.8	413	QA1	0	0	0	0	47	28.4	1686	43	46	215	1.070	0.214	0.200	15.3	24.05
2134	40.8863	116.9336	-324.2	407	QA1	0	0	0	0	49	28.3	1721	31	74	206	2.387	0.359	0.150	15.2	24.04
2135	40.8863	116.9330	-321.4	406	QA1	0	0	0	0	52	28.3	1765	29	105	209	3.621	0.502	0.139	15.2	24.05
2136	40.8863	116.9323	-318.4	411	QA1	0	0	0	0	42	28.3	1750	29	81	199	2.793	0.407	0.146	15.3	24.05
2137	40.8863	116.9316	-308.4	407	QA1	0	0	0	0	43	28.3	1854	48	126	177	2.625	0.712	0.271	15.2	24.05
2138	40.8862	116.9309	-305.8	404	QA1	0	0	0	0	37	28.2	1848	38	112	210	2.947	0.533	0.181	15.2	24.05
2139	40.8862	116.9303	-299.2	402	QA1	0	0	0	0	55	28.2	1865	33	90	245	2.727	0.367	0.135	15.3	24.05
2140	40.8862	116.9296	-297.6	398	QA1	0	0	0	0	41	28.1	1867	54	36	224	0.667	0.161	0.241	15.3	24.07
2141	40.8862	116.9289	-297.3	394	QA1	0	0	0	0	41	28.0	1919	48	91	231	1.896	0.394	0.208	15.3	24.09
2142	40.8861	116.9282	-299.9	388	QA1	0	0	0	0	51	28.0	1940	37	119	220	3.216	0.541	0.168	15.2	24.05
2143	40.8861	116.9276	-304.3	385	QA1	0	0	0	0	52	27.9	1862	32	74	221	2.313	0.335	0.145	15.2	24.07
2144	40.8861	116.9269	-317.0	385	QA1	0	0	0	0	33	27.9	1903	47	120	178	2.553	0.674	0.264	15.2	24.07
2145	40.8861	116.9262	-317.1	385	QA1	0	0	0	0	34	27.9	1886	42	89	237	2.119	0.376	0.177	15.2	24.07
2146	40.8860	116.9255	-319.0	389	QA1	0	0	0	0	37	28.0	1908	54	82	209	1.519	0.392	0.258	15.3	24.09
2147	40.8860	116.9249	-310.6	391	QA1	0	0	0	0	45	28.0	1785	61	53	210	0.869	0.252	0.290	15.2	24.05
2148	40.8860	116.9242	-302.4	394	QA1	0	0	0	0	40	28.0	1853	43	84	218	1.953	0.385	0.197	15.2	24.05
2149	40.8859	116.9235	-294.3	398	QA1	0	0	0	0	47	28.0	1937	45	111	213	2.467	0.521	0.211	15.2	24.06
2150	40.8859	116.9228	-283.7	398	QA1	0	0	0	0	44	28.0	1823	52	52	220	1.000	0.236	0.236	15.2	24.04
2151	40.8859	116.9222	-279.3	397	QA1	0	0	0	0	39	28.0	1872	24	106	219	4.417	0.484	0.110	15.1	24.03
2152	40.8859	116.9215	-275.4	399	QA1	0	0	0	0	47	28.1	1912	37	127	179	3.432	0.709	0.207	15.2	24.03
2153	40.8858	116.9208	-274.1	397	QA1	0	0	0	0	43	28.0	1870	47	65	211	1.383	0.308	0.223	15.1	24.01
2154	40.8858	116.9201	-270.2	398	QA1	0	0	0	0	45	28.0	1978	46	159	191	3.457	0.832	0.241	15.1	24.03
2155	40.8858	116.9195	-267.6	397	QA1	0	0	0	0	49	28.0	1949	34	88	243	2.588	0.362	0.140	15.1	24.03
2156	40.8858	116.9188	-260.2	402	QA1	0	0	0	0	38	28.1	1936	57	66	223	1.158	0.296	0.256	15.1	24.03
2157	40.8857	116.9181	-255.3	404	QA1	0	0	0	0	46	28.1	1846	31	76	215	2.452	0.353	0.144	15.1	24.02
2158	40.8857	116.9174	-249.1	409	QA1	0	0	0	0	50	28.2	2086	56	135	195	2.411	0.692	0.287	15.2	24.03
2159	40.8857	116.9168	-246.0	405	QA1	0	0	0	0	54	28.2	1868	39	135	185	3.462	0.730	0.211	15.1	24.00
2160	40.8857	116.9161	-235.2	404	QA1	0	0	0	0	47	28.1	1935	46	105	221	2.283	0.475	0.208	15.1	23.99
2161	40.8856	116.9154	-223.6	407	QA1	0	0	0	0	47	28.2	1975	41	101	252	2.463	0.401	0.163	15.1	24.01
2162	40.8856	116.9147	-223.7	406	QA1	0	0	0	0	44	28.2	1934	42	129	180	3.071	0.717	0.233	15.1	24.02
2163	40.8856	116.9141	-216.1	406	QF	0	0	0	0	50	28.2	1962	42	108	198	2.571	0.545	0.212	15.1	24.03
2164	40.8856	116.9134	-211.0	403	QF	0	0	0	0	32	28.1	1982	61	132	227	2.164	0.581	0.269	15.1	24.02
2165	40.8855	116.9127	-202.1	405	QF	0	0	0	0	44	28.1	1938	55	45	273	0.818	0.165	0.201	15.1	23.99
2166	40.8855	116.9120	-188.5	408	QF	0	0	0	0	48	28.2	1966	35	123	218	3.514	0.564	0.161	15.2	23.99
2167	40.8855	116.9114	-186.6	407	QF	0	0	0	0	50	29.8	1925	56	119	173	2.125	0.688	0.324	15.1	24.01
2168	40.8855	116.9107	-181.8	403	QF	0	0	0	0	52	29.7	1925	53	123	164	2.321	0.750	0.323	15.2	24.01
2169	40.8854	116.9100	-178.4	402	QF	0	0	0	0	36	29.7	1951	65	98	207	1.508	0.473	0.314	15.2	24.02
2170	40.8854	116.9093	-179.1	399	QF	0	0	0	0	50	29.6	1916	63	40	209	0.635	0.191	0.301	15.2	24.01
2171	40.8854	116.9087	-179.7	397	QF	0	0	0	0	46	29.6	1940	49	72	215	1.469	0.335	0.228	15.2	24.03
2172	40.8853	116.9080	-176.6	399	QF	0	0	0	0	47	29.6	1935	49	99	168	2.020	0.589	0.292	15.2	24.02
2173	40.8853	116.9073	-173.9	404	QF	0	0	0	0	43	29.7	1950	57	97	180	1.702	0.539	0.317	15.2	24.00
2174	40.8853	116.9066	-168.5	405	QF	0	0	0	0	58	29.7	1954	34	89	218	2.618	0.408	0.156	15.2	24.02
2175	40.8853	116.9060	-161.4	409	QF	0	0	0	0	32	29.8	1860	54	86	202	1.593	0.426	0.267	15.3	24.03
2176	40.8852	116.9053	-154.1	406	QF	0	0	0	0	51	29.8	1921	49	55	246	1.122	0.224	0.199	15.2	24.02
2177	40.8852	116.9046	-145.4	403	QF	0	0	0	0	46	29.7	1878	46	108	194	2.348	0.557	0.237	15.3	24.03
2178	40.8852	116.9039	-137.1	402	QF	0	0	0	0	51	29.7	1891	65	50	219	0.769	0.228	0.297	15.3	24.01

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2179	40.8852	116.9032	-137.3	398	QF	0	0	0	0	47	29.6	1844	41	152	127	3.707	1.197	0.323	15.3	24.04
2180	40.8852	116.9026	-138.4	396	QF	0	0	0	0	30	29.6	2018	72	68	230	0.944	0.296	0.313	15.3	24.03
2181	40.8852	116.9019	-133.6	393	QF	0	0	0	0	33	29.5	1915	70	48	202	0.686	0.238	0.347	15.3	24.01
2182	40.8852	116.9012	-118.3	389	QF	0	0	1	0	50	29.5	1980	69	21	236	0.304	0.089	0.292	15.3	24.03
2183	40.8852	116.9005	-97.8	382	QF	0	0	0	0	42	29.3	1959	58	109	161	1.879	0.677	0.360	15.4	24.01
2184	40.8852	116.8998	-78.4	379	QF	0	0	0	0	39	29.3	1949	65	110	195	1.692	0.564	0.333	15.3	24.02
2185	40.8852	116.8991	-61.9	376	QF	0	0	1	0	53	29.2	1918	63	21	224	0.333	0.094	0.281	15.3	24.01
2186	40.8852	116.8984	-48.0	374	QF	0	0	0	0	45	26.9	1934	48	85	236	1.771	0.360	0.203	15.2	24.00
2187	40.8852	116.8978	-38.2	373	QF	0	0	0	0	50	26.8	2013	53	103	223	1.943	0.462	0.238	15.3	24.01
2188	40.8852	116.8971	-32.0	377	QF	0	0	0	0	42	26.9	2002	59	74	219	1.254	0.338	0.269	15.2	24.02
2189	40.8852	116.8964	-32.9	378	QF	0	0	0	0	56	26.9	2017	61	74	226	1.213	0.327	0.270	15.1	23.99
2190	40.8852	116.8957	-31.1	379	QF	0	0	0	0	51	26.9	1898	55	92	193	1.673	0.477	0.285	15.1	23.99
2191	40.8852	116.8950	-36.7	382	QF	0	0	0	0	47	27.0	1943	57	80	210	1.404	0.381	0.271	15.1	23.98
2192	40.8852	116.8943	-35.8	386	QF	0	0	0	0	45	27.1	1939	48	123	198	2.563	0.621	0.242	15.2	23.99
2193	40.8852	116.8936	-43.2	386	QF	0	0	0	0	60	27.1	1935	49	63	210	1.286	0.300	0.233	15.1	23.95
2194	40.8852	116.8929	-48.8	390	QF	0	0	0	0	51	27.1	1931	46	76	229	1.652	0.332	0.201	15.1	23.95
2195	40.8852	116.8923	-72.0	384	QF	0	0	0	0	46	27.0	1914	71	100	140	1.408	0.714	0.507	15.1	23.96
2196	40.8852	116.8916	-72.2	384	QF	0	0	0	0	47	27.0	1953	59	129	163	2.186	0.791	0.362	15.2	23.98
2197	40.8852	116.8909	-83.1	381	QF	0	0	0	0	49	27.0	1978	56	56	259	1.000	0.216	0.216	15.1	23.97
2198	40.8852	116.8902	-88.6	376	QF	0	0	0	0	38	26.9	1947	56	96	187	1.714	0.513	0.299	15.1	23.98
2199	40.8852	116.8895	-95.2	377	QF	0	0	0	0	54	26.9	1925	45	42	260	0.933	0.162	0.173	15.1	23.97
2200	40.8852	116.8888	-111.1	378	QF	0	0	0	0	42	26.9	1855	49	90	160	1.837	0.563	0.306	15.1	23.97
2201	40.8852	116.8881	-136.2	380	QF	0	0	0	0	49	27.0	1930	73	65	199	0.890	0.327	0.367	15.1	23.99
2202	40.8852	116.8874	-169.1	384	QF	0	0	0	0	42	27.0	1853	57	59	211	1.035	0.280	0.270	15.2	23.97
2203	40.8852	116.8868	-202.2	386	QF	0	0	0	0	32	27.1	1949	47	168	163	3.574	1.031	0.288	15.2	23.98
2204	40.8852	116.8861	-221.3	390	QF	0	0	0	0	42	27.1	1971	55	65	215	1.182	0.302	0.256	15.2	23.99
2205	40.8852	116.8854	-232.9	395	QF	0	0	0	0	51	29.8	1919	63	124	168	1.968	0.738	0.375	15.2	23.96
2206	40.8852	116.8847	-226.6	398	QF	0	0	0	0	54	29.8	1889	50	68	235	1.360	0.289	0.213	15.2	23.97
2207	40.8852	116.8840	-213.5	400	QF	0	0	0	0	48	29.8	1937	53	134	154	2.528	0.870	0.344	15.2	23.97
2208	40.8852	116.8833	-193.6	399	QF	0	0	0	0	49	29.8	1907	44	160	165	3.636	0.970	0.267	15.2	23.96
2209	40.8852	116.8826	-175.0	399	QF	0	0	0	0	37	29.8	1964	58	119	178	2.052	0.669	0.326	15.2	23.95
2210	40.8852	116.8819	-160.7	395	QF	0	0	0	0	40	29.7	1871	42	157	164	3.738	0.957	0.256	15.1	23.95
2211	40.8852	116.8813	-150.1	394	QF	0	0	0	0	42	29.7	1927	56	106	176	1.893	0.602	0.318	15.1	23.93
2212	40.8852	116.8806	-135.0	397	QF	0	0	0	0	47	29.8	2025	62	95	206	1.532	0.461	0.301	15.1	23.93
2213	40.8852	116.8799	-110.1	397	QF	0	0	0	0	33	29.8	1874	56	126	161	2.250	0.783	0.348	15.2	23.94
2214	40.8852	116.8792	-97.3	399	QF	0	0	0	0	54	29.8	1955	55	32	269	0.582	0.119	0.204	15.1	23.91
2215	40.8852	116.8785	-89.2	396	QF	0	0	0	0	41	29.8	1962	56	140	189	2.500	0.741	0.296	15.1	23.91
2216	40.8852	116.8778	-83.6	393	QF	0	0	0	0	44	29.7	1967	55	95	178	1.727	0.534	0.309	15.1	23.89
2217	40.8852	116.8771	-79.8	389	QF	0	0	0	0	46	29.6	1964	33	202	171	6.121	1.181	0.193	15.0	23.89
2218	40.8852	116.8764	-77.2	388	QF	0	0	0	0	45	29.6	1983	49	125	187	2.551	0.668	0.262	15.1	23.91
2219	40.8852	116.8758	-70.1	383	QF	0	0	0	0	46	29.5	1950	65	112	160	1.723	0.700	0.406	15.0	23.91
2220	40.8852	116.8751	-61.1	382	QF	0	0	0	0	50	29.5	1961	73	81	170	1.110	0.476	0.429	15.1	23.89
2221	40.8852	116.8744	-42.7	383	TRF2	0	0	0	0	46	29.5	1962	46	165	215	3.587	0.767	0.214	15.1	23.91
2222	40.8852	116.8737	-20.1	385	TRF2	0	0	0	0	44	29.6	1962	57	88	181	1.544	0.486	0.315	15.1	23.89
2223	40.8852	116.8730	2.1	387	TRF2	0	0	0	0	42	29.6	1956	49	109	205	2.224	0.532	0.239	15.1	23.88
2224	40.8852	116.8723	22.9	393	TRF2	0	0	0	0	43	24.9	1918	81	70	184	0.864	0.380	0.440	15.1	23.88
2225	40.8852	116.8716	37.8	397	TRF2	0	0	1	0	49	25.0	1995	60	20	250	0.333	0.080	0.240	15.1	23.87
2226	40.8852	116.8710	45.5	401	TRF2	0	0	0	0	60	25.0	1964	52	59	232	1.135	0.254	0.224	15.1	23.86
2227	40.8852	116.8703	47.8	405	TRF2	0	0	0	0	33	25.1	1993	54	82	237	1.519	0.346	0.228	14.9	23.85
2228	40.8852	116.8696	40.7	404	TRF2	0	0	0	0	44	25.1	1944	58	129	180	2.224	0.717	0.322	15.0	23.86
2229	40.8852	116.8689	34.3	409	TRF2	0	0	0	0	43	25.1	1949	52	104	195	2.000	0.533	0.267	15.0	23.86
2230	40.8852	116.8682	24.6	426	TRF2	0	0	0	0	39	25.4	2091	45	194	169	4.311	1.148	0.266	15.0	23.85
2231	40.8852	116.8675	14.3	440	TRF2	0	0	0	0	55	25.6	2049	33	143	193	4.333	0.741	0.171	15.0	23.84
2232	40.8852	116.8668	2.0	449	TRF2	0	0	0	0	46	25.7	2012	50	128	194	2.560	0.660	0.258	15.0	23.83

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2233	40.8852	116.8661	-18.1	460	TRF2	0	0	0	0	43	25.9	2101	49	137	217	2.796	0.631	0.226	15.0	23.82
2234	40.8852	116.8655	-38.7	465	TRF2	0	0	0	0	64	25.9	2075	55	124	206	2.255	0.602	0.267	14.9	23.80
2235	40.8852	116.8648	-54.3	470	TRF2	0	0	0	0	55	26.0	2114	59	123	206	2.085	0.597	0.286	15.0	23.80
2236	40.8852	116.8641	-72.2	471	TRF2	0	0	0	0	55	26.0	2211	50	127	253	2.540	0.502	0.198	15.0	23.81
2237	40.8852	116.8634	-94.6	468	TRF2	0	0	0	0	61	26.0	2003	54	97	223	1.796	0.435	0.242	15.0	23.79
2238	40.8852	116.8627	-121.0	473	TRF2	0	0	0	0	44	26.0	2251	91	41	251	0.451	0.163	0.363	15.0	23.80
2239	40.8852	116.8620	-148.2	471	TRF2	0	0	0	0	67	26.0	2125	45	151	199	3.356	0.759	0.226	15.0	23.81
2240	40.8852	116.8613	-181.8	469	TRF2	0	0	0	0	44	26.0	2140	74	78	239	1.054	0.326	0.310	15.0	23.79
2241	40.8852	116.8606	-221.5	466	TRF2	0	0	0	0	53	25.9	2083	61	42	218	0.689	0.193	0.280	15.0	23.79
2242	40.8852	116.8600	-259.7	459	TRF2	0	0	0	0	50	25.8	2113	38	131	250	3.447	0.524	0.152	15.0	23.81
2243	40.8852	116.8593	-295.2	441	TRF2	0	0	0	0	48	25.7	2129	53	103	256	1.943	0.402	0.207	15.0	23.80
2244	40.8852	116.8586	-312.7	440	TRF2	0	0	0	0	33	25.7	1974	53	133	178	2.509	0.747	0.298	15.0	23.79
2245	40.8852	116.8579	-312.8	443	TRF2	0	0	0	0	53	25.7	1967	47	95	221	2.021	0.430	0.213	14.9	23.80
2246	40.8852	116.8572	-295.5	432	TRF2	0	0	0	0	55	25.6	2103	55	195	167	3.545	1.168	0.329	14.9	23.80
2247	40.8852	116.8565	-253.5	428	TRF2	0	0	0	0	72	25.5	2045	57	108	196	1.895	0.551	0.291	14.9	23.83
2248	40.8852	116.8558	-243.1	428	TRF2	0	0	0	0	66	25.5	2163	42	106	275	2.524	0.385	0.153	14.8	23.80
2249	40.8852	116.8551	-231.4	435	TRF2	0	0	0	0	44	25.6	2191	65	130	232	2.000	0.560	0.280	14.7	23.76
2250	40.8852	116.8545	-218.1	431	TRF2	0	0	0	0	50	25.5	2163	70	59	273	0.843	0.216	0.256	14.7	23.77
2251	40.8852	116.8538	-202.3	431	TRF2	0	0	0	0	47	25.5	2229	53	149	226	2.811	0.659	0.235	14.6	23.76
2252	40.8852	116.8531	-192.2	432	TRF2	0	0	0	0	64	25.5	2386	83	134	210	1.614	0.638	0.395	14.6	23.75
2253	40.8852	116.8524	-184.6	429	TRF2	0	0	0	0	56	25.5	2269	73	141	201	1.932	0.701	0.363	14.6	23.73
2254	40.8852	116.8517	-180.5	427	TRF2	0	0	0	0	43	25.5	2567	75	220	252	2.933	0.873	0.298	14.5	23.73
2255	40.8852	116.8510	-182.1	428	TRF2	0	0	0	0	45	25.5	2538	89	235	193	2.640	1.218	0.461	14.5	23.71
2256	40.8852	116.8503	-185.1	421	TRF2	0	0	0	0	46	25.4	2444	90	131	262	1.456	0.500	0.344	14.5	23.68
2257	40.8852	116.8496	-191.0	392	TRF2	0	0	0	0	41	25.0	2710	114	175	284	1.535	0.616	0.401	14.5	23.68
2258	40.8852	116.8490	-208.9	362	TRF2	0	0	0	0	38	24.5	2646	109	179	247	1.642	0.725	0.441	14.4	23.66
2259	40.8852	116.8483	-229.2	345	TRF2	0	0	0	0	59	24.3	2635	93	187	231	2.011	0.810	0.403	14.5	23.63
2260	40.8852	116.8476	-222.8	374	TRF2	0	0	0	0	55	24.7	2629	79	263	212	3.329	1.241	0.373	14.4	23.62
2261	40.8853	116.8469	-179.7	444	TRF2	0	0	0	0	54	25.7	2692	118	171	224	1.449	0.763	0.527	14.4	23.63
2262	40.8853	116.8462	-123.9	490	TRF2	0	0	0	0	59	27.7	2775	92	243	253	2.641	0.960	0.364	14.4	23.63
2263	40.8853	116.8455	-85.3	494	TRF2	0	0	0	0	46	27.8	2666	111	179	219	1.613	0.817	0.507	14.4	23.61
2264	40.8853	116.8448	-41.2	499	TRF2	0	0	0	0	62	27.8	2575	99	71	282	0.717	0.252	0.351	14.4	23.65
2265	40.8853	116.8442	-35.6	491	TRF2	0	0	0	0	45	27.7	2527	66	181	254	2.742	0.713	0.260	14.3	23.65
2266	40.8853	116.8435	-42.3	487	TRF2	0	0	0	0	56	27.7	2477	86	117	236	1.360	0.496	0.364	14.3	23.65
2267	40.8853	116.8428	-54.4	490	TRF2	0	0	0	0	37	27.7	2437	90	78	295	0.867	0.264	0.305	14.3	23.66
2268	40.8853	116.8421	-63.8	492	TRF2	0	0	1	0	40	27.7	2403	82	30	337	0.366	0.089	0.243	14.2	23.66
2269	40.8853	116.8414	-63.0	488	TRF2	0	0	0	0	47	27.7	2351	91	113	204	1.242	0.554	0.446	14.2	23.65
2270	40.8853	116.8407	-69.8	439	TRF2	0	0	0	0	39	27.0	2481	82	183	234	2.232	0.782	0.350	14.2	23.66
2271	40.8853	116.8400	-77.9	386	TRF2	0	0	0	0	42	26.2	2418	83	87	300	1.048	0.290	0.277	14.2	23.65
2272	40.8853	116.8393	-94.2	397	TRF2	0	0	0	0	41	26.3	2498	71	134	300	1.887	0.447	0.237	14.2	23.66
2273	40.8853	116.8387	-95.4	449	TRF2	0	0	0	0	52	27.1	2720	102	155	248	1.520	0.625	0.411	14.2	23.67
2274	40.8853	116.8380	-90.3	481	TRF2	0	0	0	0	39	27.6	2628	95	207	230	2.179	0.900	0.413	14.2	23.66
2275	40.8853	116.8373	-79.2	456	TRF2	0	0	0	0	47	27.2	2757	84	268	231	3.190	1.160	0.364	14.2	23.65
2276	40.8853	116.8366	-66.4	449	TRF2	0	0	0	0	50	27.1	2783	79	226	276	2.861	0.819	0.286	14.2	23.65
2277	40.8853	116.8359	-51.7	452	TRF2	0	0	0	0	41	27.1	2891	80	247	299	3.088	0.826	0.268	14.2	23.66
2278	40.8853	116.8352	-49.3	395	TRF2	0	0	0	0	46	26.3	2773	109	187	257	1.716	0.728	0.424	14.2	23.65
2279	40.8853	116.8345	-54.7	309	TRF2	0	0	0	0	38	24.9	2573	99	223	243	2.253	0.918	0.407	14.2	23.65
2280	40.8853	116.8338	-73.3	258	TRF2	0	0	0	0	66	24.0	2399	87	119	291	1.368	0.409	0.299	14.1	23.64
2281	40.8853	116.8332	-123.6	245	TRF2	0	0	0	0	63	28.3	2207	62	211	185	3.403	1.141	0.335	14.2	23.67
2282	40.8853	116.8325	-135.9	248	TRF2	0	0	0	0	69	28.3	2018	65	80	263	1.231	0.304	0.247	14.1	23.64
2283	40.8853	116.8318	-183.9	264	TRF2	0	0	0	0	54	28.7	1934	60	82	220	1.367	0.373	0.273	14.1	23.61
2284	40.8853	116.8311	-236.5	283	TRF2	0	0	0	0	65	29.1	1925	59	111	207	1.881	0.536	0.285	14.1	23.59
2285	40.8853	116.8304	-250.2	302	TRF2	0	0	0	0	57	29.4	1906	55	76	226	1.382	0.336	0.243	14.1	23.60
2286	40.8853	116.8297	-227.7	318	TRF2	0	0	0	0	45	29.8	2126	61	77	236	1.262	0.326	0.258	14.1	23.60

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2287	40.8853	116.8290	-199.8	321	TRF2	0	0	0	0	68	29.8	1965	56	103	201	1.839	0.512	0.279	14.1	23.60
2288	40.8853	116.8283	-194.2	319	TRF2	0	0	0	0	52	29.8	1893	54	47	212	0.870	0.222	0.255	14.1	23.59
2289	40.8853	116.8277	-187.1	322	TRF2	0	0	0	0	42	29.8	1979	60	69	217	1.150	0.318	0.276	14.2	23.59
2290	40.8853	116.8270	-168.2	328	TRF2	0	0	0	0	65	30.0	1987	52	98	203	1.885	0.483	0.256	14.2	23.59
2291	40.8853	116.8263	-119.3	336	TRF2	0	0	0	0	50	30.1	2046	59	68	215	1.153	0.316	0.274	14.1	23.58
2292	40.8853	116.8256	-62.7	336	TRF2	0	0	0	0	59	30.1	2023	55	72	254	1.309	0.283	0.217	14.2	23.62
2293	40.8853	116.8249	-22.4	330	TRF2	0	0	0	0	55	30.0	2056	61	155	177	2.541	0.876	0.345	14.2	23.61
2294	40.8853	116.8242	4.4	325	TRF2	0	0	0	0	50	29.9	2098	52	109	236	2.096	0.462	0.220	14.3	23.63
2295	40.8853	116.8235	6.7	319	TRF2	0	0	0	0	52	29.8	2107	76	72	242	0.947	0.298	0.314	14.3	23.63
2296	40.8853	116.8228	6.7	308	TRF2	0	0	0	0	49	29.6	2203	63	155	227	2.460	0.683	0.278	14.2	23.62
2297	40.8853	116.8222	23.0	298	TRF2	0	0	0	0	45	29.4	2046	60	107	225	1.783	0.476	0.267	14.2	23.61
2298	40.8853	116.8215	71.3	299	TRF2	0	0	0	0	45	29.4	2164	83	84	239	1.012	0.351	0.347	14.2	23.64
2299	40.8853	116.8208	67.5	299	TRF2	0	0	0	0	53	29.4	2066	71	109	213	1.535	0.512	0.333	14.1	23.61
2300	40.8853	116.8201	52.0	299	TRF2	0	0	0	0	46	31.3	2029	83	36	240	0.434	0.150	0.346	14.2	23.61
2301	40.8853	116.8194	30.4	304	TRF2	0	0	0	0	59	31.4	2050	81	61	197	0.753	0.310	0.411	14.2	23.61
2302	40.8853	116.8187	5.4	315	TRF2	0	0	0	0	56	31.6	2046	57	137	189	2.404	0.725	0.302	14.2	23.60
2303	40.8853	116.8180	4.1	327	TRF2	0	0	0	0	58	31.9	2029	57	68	234	1.193	0.291	0.244	14.2	23.59
2304	40.8853	116.8174	-4.5	336	TRF2	0	0	0	0	49	32.1	1984	63	53	222	0.841	0.239	0.284	14.2	23.61
2305	40.8853	116.8167	-26.1	343	TRF2	0	0	0	0	55	32.2	1990	60	103	211	1.717	0.488	0.284	14.2	23.61
2306	40.8853	116.8160	-52.7	348	TRF2	0	0	0	0	50	32.3	2090	43	133	232	3.093	0.573	0.185	14.2	23.60
2307	40.8853	116.8153	-59.6	353	TRF2	0	0	0	0	63	32.4	2094	39	115	245	2.949	0.469	0.159	14.2	23.61
2308	40.8853	116.8146	-65.4	358	TRF2	0	0	0	0	51	32.5	2078	52	169	184	3.250	0.918	0.283	14.3	23.59
2309	40.8853	116.8139	-78.2	367	TRF2	0	0	0	0	45	32.7	2015	62	110	198	1.774	0.556	0.313	14.3	23.61
2310	40.8853	116.8132	-92.1	373	TRF2	0	0	0	0	40	32.8	2044	63	106	202	1.683	0.525	0.312	14.3	23.59
2311	40.8853	116.8125	-109.0	374	TRF2	0	0	0	0	43	32.8	2054	72	97	215	1.347	0.451	0.335	14.3	23.60
2312	40.8853	116.8119	-118.6	374	TRF2	0	0	0	0	45	32.8	2037	70	79	197	1.129	0.401	0.355	14.2	23.58
2313	40.8853	116.8112	-125.3	373	TBI	0	0	0	0	56	32.8	2008	39	114	208	2.923	0.548	0.188	14.2	23.56
2314	40.8853	116.8105	-129.4	371	TBI	0	0	0	0	55	32.8	2022	52	133	204	2.558	0.652	0.255	14.2	23.60
2315	40.8853	116.8098	-120.3	369	TBI	0	0	0	0	44	32.7	2028	47	99	247	2.106	0.401	0.190	14.2	23.62
2316	40.8853	116.8091	-102.8	359	TBI	0	0	0	0	35	32.5	1992	60	150	143	2.500	1.049	0.420	14.1	23.60
2317	40.8853	116.8084	-85.3	357	TBI	0	0	1	0	66	32.5	2031	75	6	251	0.080	0.024	0.299	14.1	23.62
2318	40.8853	116.8077	-80.2	354	TBI	0	0	0	0	35	32.4	1995	48	182	160	3.792	1.138	0.300	14.1	23.63
2319	40.8853	116.8070	-96.6	351	TBI	0	0	0	0	67	26.8	1991	60	124	191	2.067	0.649	0.314	14.1	23.64
2320	40.8853	116.8064	-128.3	349	TBI	0	0	0	0	51	26.7	1957	61	102	167	1.672	0.611	0.365	14.1	23.62
2321	40.8853	116.8057	-119.7	347	TBI	0	0	0	0	43	26.7	2032	49	81	259	1.653	0.313	0.189	14.1	23.63
2322	40.8853	116.8050	-73.4	342	TBI	0	0	0	0	40	26.6	1990	67	127	158	1.896	0.804	0.424	14.1	23.67
2323	40.8853	116.8043	-38.0	340	TBI	0	0	0	0	48	26.6	1945	50	140	154	2.800	0.909	0.325	14.2	23.65
2324	40.8853	116.8036	-28.2	342	TBI	0	0	0	0	38	26.6	1970	61	121	197	1.984	0.614	0.310	14.2	23.64
2325	40.8853	116.8029	-43.6	340	TBI	0	0	0	0	60	26.6	1941	50	116	205	2.320	0.566	0.244	14.2	23.65
2326	40.8853	116.8022	-76.0	342	TBI	0	0	0	0	52	26.6	1967	67	93	191	1.453	0.487	0.335	14.2	23.66
2327	40.8853	116.8015	-114.6	340	TBI	0	0	0	0	43	26.6	1958	57	100	195	1.754	0.513	0.292	14.2	23.67
2328	40.8853	116.8009	-147.8	338	TBI	0	0	0	0	44	26.6	1985	63	144	152	2.286	0.947	0.414	14.2	23.68
2329	40.8853	116.8002	-166.5	337	TBI	0	0	0	0	55	26.5	1965	58	115	188	1.983	0.612	0.309	14.2	23.68
2330	40.8853	116.7995	-184.0	344	TBI	0	0	0	0	57	26.7	1995	43	177	205	4.116	0.863	0.210	14.2	23.63
2331	40.8853	116.7988	-201.9	351	TBI	0	0	0	0	36	26.8	2057	55	83	263	1.509	0.316	0.209	14.2	23.67
2332	40.8853	116.7981	-214.7	360	TBI	0	0	0	0	41	26.9	2032	60	98	233	1.633	0.421	0.258	14.3	23.70
2333	40.8853	116.7974	-201.4	361	TBI	0	0	0	0	48	27.0	2013	55	167	179	3.036	0.933	0.307	14.2	23.68
2334	40.8853	116.7967	-185.1	357	TBI	0	0	0	0	52	26.9	1944	57	69	218	1.211	0.317	0.261	14.3	23.68
2335	40.8853	116.7960	-168.0	355	TBI	0	0	0	0	45	26.9	2035	79	82	181	1.038	0.453	0.436	14.3	23.69
2336	40.8853	116.7954	-148.6	352	TBI	0	0	0	0	50	26.8	1981	48	163	175	3.396	0.931	0.274	14.3	23.69
2337	40.8853	116.7947	-123.3	350	TBI	0	0	0	0	55	26.8	1900	44	117	177	2.659	0.661	0.249	14.3	23.69
2338	40.8853	116.7940	-95.4	354	TBI	0	0	0	0	40	24.1	1977	64	131	171	2.047	0.766	0.374	14.4	23.70
2339	40.8853	116.7933	-75.3	351	TBI	0	0	0	0	48	24.0	1960	43	139	211	3.233	0.659	0.204	14.4	23.69
2340	40.8853	116.7926	-70.0	348	TBI	0	0	0	0	59	24.0	1975	71	45	234	0.634	0.192	0.303	14.4	23.71

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2341	40.8853	116.7919	-83.6	352	TBI	0	0	0	0	55	24.0	1925	64	104	184	1.625	0.565	0.348	14.4	23.68
2342	40.8853	116.7912	-95.2	358	TBI	0	0	0	0	42	24.1	1992	48	165	171	3.438	0.965	0.281	14.5	23.67
2343	40.8853	116.7906	-97.3	365	TBI	0	0	0	0	58	24.2	1932	56	102	185	1.821	0.551	0.303	14.5	23.68
2344	40.8853	116.7899	-91.2	368	TBI	0	0	0	0	55	24.3	1994	57	139	191	2.439	0.728	0.298	14.5	23.68
2345	40.8853	116.7892	-79.1	366	TBI	0	0	0	0	63	24.3	1975	55	138	168	2.509	0.821	0.327	14.5	23.70
2346	40.8853	116.7885	-68.0	367	TBI	0	0	0	0	48	24.3	2045	70	90	210	1.286	0.429	0.333	14.4	23.67
2347	40.8853	116.7878	-64.9	372	TBI	0	0	0	0	49	24.3	1910	59	183	122	3.102	1.500	0.484	14.5	23.66
2348	40.8853	116.7871	-65.3	370	TBI	0	0	0	0	50	24.3	2031	57	159	158	2.789	1.006	0.361	14.5	23.67
2349	40.8853	116.7864	-83.9	369	TBI	0	0	0	0	49	24.3	1929	49	97	223	1.980	0.435	0.220	14.5	23.69
2350	40.8853	116.7857	-91.4	356	TBI	0	0	0	0	41	24.1	1909	53	171	177	3.226	0.966	0.299	14.4	23.67
2351	40.8853	116.7851	-88.4	354	TBI	0	0	0	0	38	24.1	1931	81	51	194	0.630	0.263	0.418	14.4	23.69
2352	40.8853	116.7844	-85.0	352	TBI	0	0	0	0	62	24.0	2024	66	109	185	1.652	0.589	0.357	14.4	23.66
2353	40.8853	116.7837	-79.9	354	TBI	0	0	0	0	44	24.1	1987	68	115	161	1.691	0.714	0.422	14.4	23.66
2354	40.8853	116.7830	-71.8	360	TBI	0	0	0	0	40	24.2	2002	59	168	150	2.847	1.120	0.393	14.4	23.67
2355	40.8853	116.7823	-67.9	357	TBI	0	0	0	0	47	24.1	1956	74	143	123	1.932	1.163	0.602	14.3	23.67
2356	40.8853	116.7816	-61.9	353	TBI	0	0	0	0	54	24.0	2036	54	183	172	3.389	1.064	0.314	14.3	23.63
2357	40.8853	116.7809	-55.8	348	TBI	0	0	0	0	53	21.3	1970	60	127	181	2.117	0.702	0.331	14.2	23.65
2358	40.8853	116.7802	-53.0	348	TBI	0	0	0	0	39	21.3	2027	48	170	200	3.542	0.850	0.240	14.3	23.65
2359	40.8853	116.7796	-59.8	354	TBI	0	0	0	0	51	21.4	1932	41	169	156	4.122	1.083	0.263	14.2	23.63
2360	40.8853	116.7789	-71.1	366	TBI	0	0	0	0	54	21.5	1940	55	118	178	2.145	0.663	0.309	14.3	23.63
2361	40.8853	116.7782	-76.7	377	TBI	0	0	0	0	52	21.7	1856	48	145	128	3.021	1.133	0.375	14.3	23.64
2362	40.8853	116.7775	-64.5	390	TBI	0	0	0	0	58	21.8	1972	51	162	167	3.176	0.970	0.305	14.4	23.62
2363	40.8853	116.7768	-49.9	388	TBI	0	0	0	0	34	21.8	1970	62	142	183	2.290	0.776	0.339	14.2	23.61
2364	40.8853	116.7761	-45.3	384	TBI	0	0	0	0	60	21.8	1888	60	125	178	2.083	0.702	0.337	14.3	23.63
2365	40.8853	116.7754	-54.0	374	TBI	0	0	0	0	55	21.6	1985	47	77	210	1.638	0.367	0.224	14.3	23.61
2366	40.8853	116.7747	-65.9	373	TBI	0	0	0	0	33	21.6	1967	59	191	131	3.237	1.458	0.450	14.4	23.64
2367	40.8853	116.7741	-58.4	366	TBI	0	0	0	0	41	21.5	1914	54	111	170	2.056	0.653	0.318	14.3	23.63
2368	40.8853	116.7734	-57.0	369	TBI	0	0	0	0	57	21.6	1938	55	107	190	1.945	0.563	0.289	14.2	23.63
2369	40.8853	116.7727	-54.9	372	TBI	0	0	0	0	51	21.6	1869	72	92	166	1.278	0.554	0.434	14.2	23.63
2370	40.8853	116.7720	-50.0	375	TBI	0	0	0	0	40	21.6	1962	49	198	142	4.041	1.394	0.345	14.2	23.63
2371	40.8853	116.7713	-37.7	371	TBI	0	0	0	0	54	21.6	2024	67	140	156	2.090	0.897	0.429	14.1	23.62
2372	40.8853	116.7706	-26.9	370	TBI	0	0	0	0	54	21.6	1905	55	133	146	2.418	0.911	0.377	14.2	23.64
2373	40.8853	116.7699	-35.7	371	TBI	0	0	0	0	37	21.6	1957	69	84	200	1.217	0.420	0.345	14.2	23.63
2374	40.8853	116.7692	-43.1	375	TBI	0	0	0	0	38	21.6	1912	65	116	146	1.785	0.795	0.445	14.2	23.61
2375	40.8853	116.7686	-49.7	379	TBI	0	0	0	0	50	21.7	1872	60	113	181	1.883	0.624	0.331	14.2	23.61
2376	40.8853	116.7679	-56.6	380	TBI	0	0	0	0	44	23.4	1889	49	130	180	2.653	0.722	0.272	14.2	23.59
2377	40.8853	116.7672	-62.3	377	TBI	0	0	0	0	58	23.4	1799	60	46	154	0.767	0.299	0.390	14.2	23.62
2378	40.8853	116.7665	-68.0	374	TBI	0	0	0	0	38	23.3	1760	55	123	141	2.236	0.872	0.390	14.3	23.63
2379	40.8853	116.7658	-56.4	376	TBI	0	0	0	0	52	23.4	1839	67	38	190	0.567	0.200	0.353	14.3	23.64
2380	40.8853	116.7651	-45.8	371	TBI	0	0	0	0	54	23.3	1809	57	82	144	1.439	0.569	0.396	14.2	23.61
2381	40.8853	116.7644	-36.5	367	TBI	0	0	0	0	47	23.2	1764	43	136	161	3.163	0.845	0.267	14.3	23.63
2382	40.8853	116.7638	-29.7	365	TBI	0	0	0	0	48	23.2	1918	48	59	220	1.229	0.268	0.218	14.3	23.61
2383	40.8853	116.7631	-82.3	360	TBI	0	0	0	0	49	23.1	1948	58	110	194	1.897	0.567	0.299	14.4	23.63
2384	40.8853	116.7624	-133.5	357	TBI	0	0	0	0	49	23.1	1926	53	114	169	2.151	0.675	0.314	14.3	23.62
2385	40.8853	116.7617	-153.4	360	TBI	0	0	0	0	51	23.1	1919	76	111	157	1.461	0.707	0.484	14.3	23.62
2386	40.8853	116.7610	-175.1	352	TBI	0	0	0	0	54	23.0	1906	68	107	134	1.574	0.799	0.507	14.4	23.62
2387	40.8853	116.7603	-185.0	353	TBI	0	0	0	0	47	23.0	1913	61	88	196	1.443	0.449	0.311	14.4	23.63
2388	40.8853	116.7596	-195.4	353	TBI	0	0	0	0	34	23.0	1916	68	107	190	1.574	0.563	0.358	14.3	23.61
2389	40.8853	116.7589	-232.8	346	TBI	0	0	0	0	46	22.9	1975	47	153	175	3.255	0.874	0.269	14.3	23.64
2390	40.8853	116.7583	-267.3	337	TBI	0	0	0	0	42	22.8	1897	33	171	181	5.182	0.945	0.182	14.4	23.63
2391	40.8853	116.7576	-285.0	334	TBI	0	0	0	0	53	22.7	1865	74	79	165	1.068	0.479	0.448	14.4	23.64
2392	40.8853	116.7569	-262.2	331	TBI	0	0	0	0	55	22.7	1981	68	114	176	1.676	0.648	0.386	14.4	23.65
2393	40.8853	116.7562	-260.8	333	TBI	0	0	0	0	59	22.7	1990	64	91	197	1.422	0.462	0.325	14.3	23.64
2394	40.8853	116.7555	-280.4	336	TBI	0	0	0	0	49	22.8	1870	66	48	194	0.727	0.247	0.340	14.4	23.63

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2395	40.8853	116.7548	-276.6	338	TBI	0	0	0	0	50	21.8	1980	53	174	179	3.283	0.972	0.296	14.4	23.63
2396	40.8853	116.7541	-228.4	344	TBI	0	0	0	0	46	21.9	1867	65	126	147	1.938	0.857	0.442	14.3	23.64
2397	40.8853	116.7534	-170.0	345	TBI	0	0	0	0	48	21.9	1912	43	131	164	3.047	0.799	0.262	14.4	23.63
2398	40.8853	116.7528	-142.9	348	TBI	0	0	0	0	63	21.9	1803	46	110	168	2.391	0.655	0.274	14.4	23.62
2399	40.8853	116.7521	-145.3	356	TBI	0	0	0	0	48	22.0	1860	58	88	185	1.517	0.476	0.314	14.4	23.61
2400	40.8853	116.7514	-168.1	365	TBI	0	0	0	0	57	22.2	1851	64	55	158	0.859	0.348	0.405	14.5	23.64
2401	40.8853	116.7507	-211.2	374	TBI	0	0	0	0	53	22.3	1870	41	169	171	4.122	0.988	0.240	14.4	23.62
2402	40.8854	116.7501	-252.7	384	TBI	0	0	0	0	51	22.4	1875	50	82	197	1.640	0.416	0.254	14.4	23.61
2403	40.8854	116.7496	-290.1	385	TBI	0	0	0	0	63	22.4	1827	35	163	154	4.657	1.058	0.227	14.4	23.61
2404	40.8854	116.7491	-303.0	381	TBI	0	0	0	0	45	22.4	1868	49	108	212	2.204	0.509	0.231	14.4	23.58
2405	40.8854	116.7485	-283.4	376	TBI	0	0	0	0	59	22.3	1946	51	107	186	2.098	0.575	0.274	14.3	23.62
2406	40.8854	116.7480	-247.3	372	TBI	0	0	0	0	36	22.3	1953	62	86	217	1.387	0.396	0.286	14.3	23.62
2407	40.8855	116.7474	-191.2	367	TBI	0	0	0	0	57	22.2	1970	55	125	193	2.273	0.648	0.285	14.4	23.62
2408	40.8855	116.7469	-148.9	365	TBI	0	0	0	0	45	22.2	1929	56	146	159	2.607	0.918	0.352	14.3	23.62
2409	40.8855	116.7463	-133.8	363	TBI	0	0	0	0	48	22.1	1966	60	91	200	1.517	0.455	0.300	14.3	23.62
2410	40.8855	116.7458	-129.2	363	TBI	0	0	0	0	57	22.1	1975	54	187	130	3.463	1.438	0.415	14.2	23.61
2411	40.8855	116.7452	-126.1	360	TBI	0	0	0	0	45	22.1	1933	52	102	194	1.962	0.526	0.268	14.2	23.65
2412	40.8856	116.7447	-128.5	356	TBI	0	0	0	0	44	22.0	1813	52	90	158	1.731	0.570	0.329	14.3	23.63
2413	40.8856	116.7442	-145.6	355	TBI	0	0	0	0	53	22.0	1826	55	135	143	2.455	0.944	0.385	14.3	23.62
2414	40.8856	116.7436	-162.3	350	TBI	0	0	0	0	46	25.0	1884	41	187	163	4.561	1.147	0.252	14.2	23.63
2415	40.8856	116.7431	-178.4	347	TBI	0	0	0	0	50	24.9	1882	53	140	165	2.642	0.848	0.321	14.2	23.65
2416	40.8856	116.7425	-190.8	346	TBI	0	0	0	0	40	24.9	1925	55	152	151	2.764	1.007	0.364	14.2	23.61
2417	40.8857	116.7420	-192.7	352	TBI	0	0	0	0	50	25.0	1904	45	124	218	2.756	0.569	0.206	14.3	23.64
2418	40.8857	116.7414	-218.3	352	TBI	0	0	0	0	40	25.0	1904	54	151	177	2.796	0.853	0.305	14.2	23.62
2419	40.8857	116.7409	-218.4	357	TBI	0	0	0	0	48	25.1	1912	43	137	186	3.186	0.737	0.231	14.2	23.63
2420	40.8857	116.7403	-224.0	363	TBI	0	0	0	0	58	25.2	1892	62	96	150	1.548	0.640	0.413	14.2	23.63
2421	40.8857	116.7398	-215.0	370	TBI	0	0	0	0	48	25.3	1958	75	84	201	1.120	0.418	0.373	14.2	23.63
2422	40.8858	116.7393	-184.8	381	TBI	0	0	0	0	50	25.5	1762	53	137	153	2.585	0.895	0.346	14.2	23.61
2423	40.8858	116.7387	-165.4	390	TBI	0	0	0	0	44	25.6	1881	57	132	136	2.316	0.971	0.419	14.2	23.62
2424	40.8858	116.7382	-173.7	396	TBI	0	0	0	0	52	25.7	1902	56	96	191	1.714	0.503	0.293	14.2	23.62
2425	40.8858	116.7376	-198.3	398	TBI	0	0	0	0	55	25.7	1938	46	102	200	2.217	0.510	0.230	14.2	23.62
2426	40.8859	116.7371	-228.1	403	TBI	0	0	0	0	45	25.8	1900	61	160	132	2.623	1.212	0.462	14.1	23.62
2427	40.8859	116.7365	-242.8	403	TBI	0	0	0	0	54	25.8	1916	49	149	139	3.041	1.072	0.353	14.1	23.60
2428	40.8859	116.7360	-241.7	399	TBI	0	0	0	0	66	25.7	1995	69	48	222	0.696	0.216	0.311	14.2	23.62
2429	40.8859	116.7354	-233.8	399	TBI	0	0	0	0	57	25.7	1952	53	54	227	1.019	0.238	0.233	14.1	23.62
2430	40.8859	116.7349	-220.9	404	TBI	0	0	0	0	32	25.8	1908	59	130	162	2.203	0.802	0.364	14.1	23.62
2431	40.8860	116.7343	-212.0	402	TBI	0	0	0	0	38	25.8	2054	71	116	182	1.634	0.637	0.390	14.1	23.60
2432	40.8860	116.7338	-176.9	402	TBI	0	0	0	0	45	25.8	2041	55	124	184	2.255	0.674	0.299	14.1	23.62
2433	40.8860	116.7333	-177.1	399	TBI	0	0	0	0	47	27.2	1994	58	110	172	1.897	0.640	0.337	14.1	23.62
2434	40.8860	116.7327	-160.7	395	TBI	0	0	0	0	50	27.1	2017	56	119	171	2.125	0.696	0.327	14.1	23.64
2435	40.8860	116.7322	-171.7	386	TBI	0	0	0	0	65	27.0	2038	56	86	233	1.536	0.369	0.240	14.1	23.65
2436	40.8861	116.7316	-172.1	381	TBI	0	0	0	0	48	26.9	2119	51	172	211	3.373	0.815	0.242	14.1	23.65
2437	40.8861	116.7311	-166.6	375	TBI	0	0	0	0	60	26.8	2051	67	125	199	1.866	0.628	0.337	14.0	23.65
2438	40.8861	116.7305	-155.0	370	TBI	0	0	0	0	42	26.7	1991	50	161	178	3.220	0.904	0.281	14.1	23.64
2439	40.8861	116.7300	-143.1	365	TBI	0	0	0	0	59	26.6	2011	64	100	201	1.563	0.498	0.318	14.1	23.64
2440	40.8861	116.7294	-143.8	363	TBI	0	0	0	0	60	26.6	1931	63	105	161	1.667	0.652	0.391	14.0	23.65
2441	40.8862	116.7289	-162.2	358	TBI	0	0	0	0	42	26.5	1894	64	74	168	1.156	0.440	0.381	14.1	23.66
2442	40.8862	116.7284	-196.1	354	TBI	0	0	0	0	40	26.4	1896	65	92	180	1.415	0.511	0.361	14.1	23.65
2443	40.8862	116.7278	-212.7	355	TBI	0	0	0	0	53	26.5	1899	53	119	160	2.245	0.744	0.331	14.1	23.65
2444	40.8862	116.7273	-200.8	357	TBI	0	0	0	0	42	26.5	1962	57	124	187	2.175	0.663	0.305	14.1	23.64
2445	40.8862	116.7267	-186.0	355	TBI	0	0	0	0	61	26.4	1934	65	92	156	1.415	0.590	0.417	14.1	23.65
2446	40.8863	116.7262	-190.1	360	TBI	0	0	0	0	54	26.5	1903	67	48	182	0.716	0.264	0.368	14.1	23.65
2447	40.8863	116.7256	-193.4	364	TBI	0	0	0	0	51	26.6	1901	55	74	183	1.345	0.404	0.301	14.1	23.64
2448	40.8863	116.7251	-189.8	362	TBI	0	0	0	0	55	26.6	1963	59	64	208	1.085	0.308	0.284	14.1	23.62

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2449	40.8863	116.7245	-182.9	365	TBI	0	0	0	0	55	26.6	1903	46	140	198	3.043	0.707	0.232	14.1	23.61
2450	40.8863	116.7240	-181.8	366	TBI	0	0	0	0	50	26.6	1932	53	136	158	2.566	0.861	0.335	14.1	23.61
2451	40.8864	116.7234	-187.9	372	TBI	0	0	0	0	36	26.7	1886	70	91	182	1.300	0.500	0.385	14.2	23.62
2452	40.8864	116.7229	-196.0	374	TBI	0	0	0	0	56	29.1	1930	58	83	188	1.431	0.441	0.309	14.1	23.61
2453	40.8864	116.7224	-202.1	377	TBI	0	0	0	0	52	29.1	1872	58	87	187	1.500	0.465	0.310	14.1	23.62
2454	40.8864	116.7218	-206.0	372	TBI	0	0	0	0	51	29.1	1950	47	157	179	3.340	0.877	0.263	14.2	23.61
2455	40.8864	116.7213	-204.7	366	TBI	0	0	0	0	36	29.0	1989	71	69	190	0.972	0.363	0.374	14.1	23.62
2456	40.8865	116.7207	-198.8	364	TBI	0	0	0	0	41	28.9	1918	50	140	163	2.800	0.859	0.307	14.1	23.60
2457	40.8865	116.7202	-199.2	361	TBI	0	0	0	0	60	28.9	1965	58	104	193	1.793	0.539	0.301	14.1	23.62
2458	40.8865	116.7196	-198.9	360	TBI	0	0	0	0	56	28.8	2017	52	90	202	1.731	0.446	0.257	14.1	23.60
2459	40.8865	116.7191	-201.0	363	TBI	0	0	0	0	53	28.9	1973	66	101	167	1.530	0.605	0.395	14.1	23.57
2460	40.8865	116.7185	-198.8	368	TBI	0	0	0	0	52	29.0	1883	47	113	195	2.404	0.579	0.241	14.0	23.58
2461	40.8866	116.7180	-206.2	374	TBI	0	0	0	0	56	29.1	1854	50	102	138	2.040	0.739	0.362	14.0	23.57
2462	40.8866	116.7175	-222.5	379	TBI	0	0	0	0	59	29.2	1965	53	81	218	1.528	0.372	0.243	14.0	23.59
2463	40.8866	116.7169	-255.8	382	TBI	0	0	0	0	37	29.2	1905	59	184	136	3.119	1.353	0.434	14.0	23.59
2464	40.8866	116.7164	-291.0	382	TBI	0	0	0	0	51	29.2	2018	70	153	148	2.186	1.034	0.473	14.0	23.59
2465	40.8866	116.7158	-290.1	380	TBI	0	0	0	0	66	29.2	2005	51	149	160	2.922	0.931	0.319	14.0	23.58
2466	40.8867	116.7153	-257.5	378	TBI	0	0	0	0	65	29.2	1898	54	130	170	2.407	0.765	0.318	14.0	23.59
2467	40.8867	116.7147	-223.8	381	TBI	0	0	0	0	57	29.2	1872	50	129	146	2.580	0.884	0.342	14.0	23.57
2468	40.8867	116.7142	-180.7	391	TBI	0	0	0	0	52	29.4	2020	55	140	174	2.545	0.805	0.316	14.1	23.58
2469	40.8867	116.7136	-184.3	394	TBI	0	0	0	0	44	29.5	1987	54	149	143	2.759	1.042	0.378	14.0	23.58
2470	40.8867	116.7131	-190.6	397	TBI	0	0	0	0	39	29.5	2034	40	215	146	5.375	1.473	0.274	14.0	23.57
2471	40.8868	116.7126	-194.2	396	TBI	0	0	0	0	36	29.5	1888	46	131	188	2.848	0.697	0.245	14.0	23.59
2472	40.8868	116.7120	-198.2	390	TBI	0	0	0	0	50	29.4	1908	46	195	116	4.239	1.681	0.397	14.0	23.57
2473	40.8868	116.7115	-203.4	384	TBI	0	0	0	0	44	29.3	1940	50	176	152	3.520	1.158	0.329	14.0	23.57
2474	40.8868	116.7109	-208.0	378	TBI	0	0	0	0	47	29.2	1932	59	106	160	1.797	0.663	0.369	14.0	23.57
2475	40.8868	116.7104	-202.2	369	TBI	0	0	0	0	36	29.0	1886	52	150	180	2.885	0.833	0.289	14.0	23.58
2476	40.8869	116.7098	-201.4	360	TBI	0	0	0	0	47	28.8	1962	43	152	211	3.535	0.720	0.204	14.0	23.58
2477	40.8869	116.7093	-201.1	356	TBI	0	0	0	0	53	28.8	1911	50	82	220	1.640	0.373	0.227	14.0	23.61
2478	40.8869	116.7087	-204.3	351	TBI	0	0	0	0	71	28.7	1930	64	111	167	1.734	0.665	0.383	13.9	23.60
2479	40.8869	116.7082	-213.7	350	TBI	0	0	0	0	56	28.7	1893	49	100	182	2.041	0.549	0.269	13.9	23.61
2480	40.8869	116.7076	-222.3	352	TBI	0	0	0	0	74	28.7	1894	53	88	170	1.660	0.518	0.312	14.0	23.60
2481	40.8870	116.7071	-229.4	352	TBI	0	0	0	0	43	28.7	1862	58	117	147	2.017	0.796	0.395	14.1	23.61
2482	40.8870	116.7066	-243.3	349	TBI	0	0	0	0	52	28.6	1724	48	71	170	1.479	0.418	0.282	14.0	23.60
2483	40.8870	116.7060	-259.7	351	TBI	0	0	0	0	42	28.7	1617	43	87	165	2.023	0.527	0.261	14.0	23.62
2484	40.8870	116.7055	-270.5	350	TBI	0	0	0	0	45	28.7	1592	46	59	151	1.283	0.391	0.305	14.0	23.63
2485	40.8870	116.7049	-275.7	352	TBI	0	0	0	0	40	28.7	1559	36	123	119	3.417	1.034	0.303	14.1	23.66
2486	40.8871	116.7044	-275.7	359	TBI	0	0	0	0	56	28.8	1491	48	81	115	1.688	0.704	0.417	14.0	23.63
2487	40.8871	116.7038	-273.3	364	TBI	0	0	0	0	56	28.9	1485	44	87	117	1.977	0.744	0.376	14.0	23.62
2488	40.8871	116.7033	-276.1	372	TBI	0	0	0	0	55	29.0	1493	41	75	111	1.829	0.676	0.369	14.0	23.63
2489	40.8871	116.7027	-268.1	391	TBI	0	0	0	0	49	29.4	1401	50	47	95	0.940	0.495	0.526	14.1	23.61
2490	40.8871	116.7022	-247.4	425	TBI	0	0	0	0	52	31.7	1403	34	82	100	2.412	0.820	0.340	14.0	23.59
2491	40.8872	116.7017	-225.9	482	TBI	0	0	0	0	55	32.7	1465	31	54	117	1.742	0.462	0.265	14.0	23.59
2492	40.8872	116.7011	-208.6	495	TBI	0	0	0	0	42	33.0	1401	35	72	91	2.057	0.791	0.385	14.0	23.58
2493	40.8872	116.7006	-202.3	520	TBI	0	0	0	0	38	33.4	1406	27	73	105	2.704	0.695	0.257	14.0	23.58
2494	40.8872	116.7000	-197.7	554	TBI	0	0	0	0	63	33.9	1479	25	52	153	2.080	0.340	0.163	13.9	23.61
2495	40.8872	116.6995	-197.5	552	TBI	0	0	0	0	48	33.9	1495	45	66	71	1.467	0.930	0.634	13.9	23.61
2496	40.8873	116.6989	-199.2	572	TBI	0	0	0	0	48	34.2	1610	28	112	89	4.000	1.258	0.315	13.9	23.63
2497	40.8873	116.6984	-199.8	547	TBI	0	0	0	0	50	33.8	1649	34	106	103	3.118	1.029	0.330	13.9	23.64
2498	40.8873	116.6978	-205.2	525	TBI	0	0	0	0	58	33.4	1807	39	90	143	2.308	0.629	0.273	13.9	23.67
2499	40.8873	116.6973	-203.0	499	TBI	0	0	0	0	44	33.0	1777	54	89	115	1.648	0.774	0.470	13.8	23.66
2500	40.8873	116.6968	-211.4	497	TBI	0	0	0	0	36	33.0	1710	50	93	144	1.860	0.646	0.347	13.8	23.68
2501	40.8874	116.6962	-218.8	495	TS5	0	0	0	0	53	33.0	1771	54	79	144	1.463	0.549	0.375	13.8	23.71
2502	40.8874	116.6957	-226.9	494	TS5	0	0	0	0	53	32.9	1837	58	97	126	1.672	0.770	0.460	13.9	23.73

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2503	40.8874	116.6951	-232.6	491	TS5	0	0	0	0	67	32.9	1807	65	58	173	0.892	0.335	0.376	13.8	23.71
2504	40.8874	116.6946	-238.5	488	TS5	0	0	0	0	47	32.8	1772	53	83	135	1.566	0.615	0.393	13.8	23.72
2505	40.8874	116.6940	-245.1	487	TS5	0	0	0	0	51	32.8	1773	56	57	158	1.018	0.361	0.354	13.8	23.73
2506	40.8875	116.6935	-250.8	480	TS5	0	0	0	0	39	32.7	1814	71	71	136	1.000	0.522	0.522	13.8	23.73
2507	40.8875	116.6929	-254.7	478	TS5	0	0	0	0	63	32.7	1892	54	114	138	2.111	0.826	0.391	13.8	23.73
2508	40.8875	116.6924	-260.7	489	TS5	0	0	0	0	50	32.8	1987	64	89	183	1.391	0.486	0.350	13.8	23.75
2509	40.8875	116.6918	-264.1	495	TS5	0	0	0	0	37	34.0	2056	73	125	114	1.712	1.096	0.640	13.9	23.77
2510	40.8875	116.6913	-269.7	498	QA1	0	0	0	0	55	34.0	2116	69	151	139	2.188	1.086	0.496	13.8	23.77
2511	40.8876	116.6908	-269.3	498	QA1	0	0	0	0	44	34.0	2054	77	92	168	1.195	0.548	0.458	13.9	23.79
2512	40.8876	116.6902	-270.7	498	QA1	0	0	0	0	55	34.0	2106	61	69	207	1.131	0.333	0.295	13.9	23.79
2513	40.8876	116.6897	-265.5	510	QA1	0	0	0	0	49	34.2	2185	63	202	120	3.206	1.683	0.525	13.9	23.79
2514	40.8876	116.6891	-259.5	522	QA1	0	0	0	0	60	34.4	2322	63	162	166	2.571	0.976	0.380	13.9	23.79
2515	40.8876	116.6886	-249.6	553	QA1	0	0	0	0	44	34.9	2521	100	145	245	1.450	0.592	0.408	14.0	23.77
2516	40.8877	116.6880	-239.1	564	QA1	0	0	0	0	51	35.1	2473	70	167	199	2.386	0.839	0.352	13.9	23.74
2517	40.8877	116.6875	-231.4	583	QA1	0	0	0	0	53	35.4	2636	86	213	149	2.477	1.430	0.577	13.9	23.73
2518	40.8877	116.6869	-225.0	552	QA1	0	0	0	0	51	34.9	2719	77	177	297	2.299	0.596	0.259	14.0	23.73
2519	40.8877	116.6864	-220.2	542	TS5	0	0	0	0	56	34.8	2795	93	175	251	1.882	0.697	0.371	14.1	23.72
2520	40.8877	116.6859	-227.2	497	TS5	0	0	0	0	35	34.0	2755	92	208	202	2.261	1.030	0.455	14.0	23.67
2521	40.8878	116.6853	-236.1	492	TS5	0	0	0	0	54	33.9	2765	91	210	287	2.308	0.732	0.317	14.0	23.65
2522	40.8878	116.6848	-245.9	482	TS5	0	0	0	0	48	33.8	2707	110	128	244	1.164	0.525	0.451	14.0	23.61
2523	40.8878	116.6842	-255.8	473	TS5	0	0	0	0	48	33.6	2953	132	235	217	1.780	1.083	0.608	13.9	23.57
2524	40.8878	116.6837	-264.8	465	TS5	0	0	0	0	65	33.5	2896	126	191	276	1.516	0.692	0.457	13.9	23.55
2525	40.8878	116.6831	-269.0	456	TS5	0	0	0	0	50	33.3	2743	109	265	219	2.431	1.210	0.498	13.9	23.52
2526	40.8879	116.6826	-272.9	453	TS5	0	0	0	0	76	33.2	2806	128	172	230	1.344	0.748	0.557	13.9	23.49
2527	40.8879	116.6820	-272.9	437	TS5	0	0	0	0	63	33.0	2850	101	231	275	2.287	0.840	0.367	13.8	23.46
2528	40.8879	116.6815	-268.6	426	TS5	0	0	0	0	47	26.6	2762	110	160	271	1.455	0.590	0.406	13.8	23.44
2529	40.8879	116.6809	-277.3	418	TS5	0	0	0	0	50	26.5	2805	127	192	262	1.512	0.733	0.485	13.8	23.42
2530	40.8879	116.6804	-285.9	414	TS5	0	0	0	0	54	26.4	2823	103	177	288	1.718	0.615	0.358	13.8	23.39
2531	40.8880	116.6799	-293.3	414	TS5	0	0	0	0	42	26.4	2717	104	189	305	1.817	0.620	0.341	13.8	23.39
2532	40.8880	116.6793	-302.0	410	TRF2	0	0	0	0	50	26.4	2811	102	259	248	2.539	1.044	0.411	13.8	23.38
2533	40.8880	116.6788	-311.1	407	TRF2	0	0	0	0	54	26.3	2730	101	222	245	2.198	0.906	0.412	13.7	23.31
2534	40.8880	116.6782	-316.3	405	TRF2	0	0	0	0	52	26.3	2847	109	212	274	1.945	0.774	0.398	13.6	23.32
2535	40.8880	116.6777	-320.4	406	TRF2	0	0	0	0	61	26.3	2771	124	145	274	1.169	0.529	0.453	13.6	23.30
2536	40.8881	116.6771	-328.0	407	TRF2	0	0	0	0	61	26.3	2744	96	207	238	2.156	0.870	0.403	13.7	23.31
2537	40.8881	116.6766	-326.6	414	TRF2	0	0	0	0	59	26.4	2855	73	340	232	4.658	1.466	0.315	13.5	23.28
2538	40.8881	116.6760	-321.9	419	TRF2	0	0	0	0	51	26.5	2866	99	228	285	2.303	0.800	0.347	13.5	23.27
2539	40.8881	116.6755	-315.9	435	TRF2	0	0	0	0	63	26.7	2808	93	210	278	2.258	0.755	0.335	13.5	23.25
2540	40.8881	116.6750	-307.6	459	TRF2	0	0	0	0	46	27.1	3006	133	170	282	1.278	0.603	0.472	13.5	23.24
2541	40.8882	116.6744	-303.1	477	TRF2	0	0	0	0	47	27.4	2927	111	270	215	2.432	1.256	0.516	13.4	23.24
2542	40.8882	116.6739	-300.8	464	TRF2	0	0	0	0	57	27.2	3042	133	242	239	1.820	1.013	0.556	13.4	23.24
2543	40.8882	116.6733	-297.2	432	TRF2	0	0	0	0	72	26.7	2990	106	218	261	2.057	0.835	0.406	13.4	23.24
2544	40.8882	116.6728	-298.1	406	TRF2	0	0	0	0	56	26.3	3034	125	251	291	2.008	0.863	0.430	13.4	23.23
2545	40.8882	116.6722	-300.1	382	TRF2	0	0	0	0	69	25.9	2946	114	279	223	2.447	1.251	0.511	13.4	23.24
2546	40.8883	116.6717	-302.2	362	TRF2	0	0	0	0	42	25.6	3066	109	265	325	2.431	0.815	0.335	13.3	23.23
2547	40.8883	116.6711	-303.5	338	TRF2	0	0	0	0	62	18.9	3014	121	269	294	2.223	0.915	0.412	13.4	23.22
2548	40.8883	116.6706	-309.8	317	TRF2	0	0	0	0	48	18.6	2990	114	270	308	2.368	0.877	0.370	13.3	23.21
2549	40.8883	116.6701	-315.6	306	TRF2	0	0	0	0	65	18.5	2913	145	165	320	1.138	0.516	0.453	13.4	23.21
2550	40.8883	116.6695	-319.4	309	TRF2	0	0	0	0	66	18.5	2839	84	302	268	3.595	1.127	0.313	13.3	23.18
2551	40.8884	116.6690	-312.3	331	TRF2	0	0	0	0	72	18.8	2986	116	243	325	2.095	0.748	0.357	13.2	23.16
2552	40.8884	116.6684	-300.6	375	TRF2	0	0	0	0	48	19.3	3078	117	233	336	1.991	0.693	0.348	13.2	23.15
2553	40.8884	116.6679	-278.7	412	TRF2	0	0	0	0	51	19.8	3394	126	274	345	2.175	0.794	0.365	13.3	23.16
2554	40.8884	116.6673	-272.7	418	TRF2	0	0	0	0	47	19.8	3254	139	304	319	2.187	0.953	0.436	13.2	23.14
2555	40.8884	116.6668	-273.7	414	TRF2	0	0	0	0	64	19.8	3192	123	225	357	1.829	0.630	0.345	13.1	23.11
2556	40.8885	116.6662	-279.0	389	TRF2	0	0	0	0	54	19.5	3094	137	197	319	1.438	0.618	0.429	13.1	23.12

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2557	40.8885	116.6657	-289.4	355	TRF2	0	0	0	0	59	19.1	2922	121	259	256	2.140	1.012	0.473	13.1	23.11
2558	40.8885	116.6651	-304.5	331	TRF2	0	0	0	0	53	18.8	2865	117	247	217	2.111	1.138	0.539	13.1	23.11
2559	40.8885	116.6646	-326.5	315	TRF2	0	0	0	0	65	18.6	2769	102	319	196	3.127	1.628	0.520	13.0	23.09
2560	40.8885	116.6641	-340.5	305	TRF2	0	0	0	0	58	18.5	2660	106	346	177	3.264	1.955	0.599	13.0	23.09
2561	40.8886	116.6635	-345.3	304	TRF2	0	0	0	0	66	18.5	2652	101	226	224	2.238	1.009	0.451	13.0	23.08
2562	40.8886	116.6630	-345.9	311	TRF2	0	0	0	0	59	18.6	2455	95	129	245	1.358	0.527	0.388	13.0	23.05
2563	40.8886	116.6624	-346.7	321	TRF2	0	0	0	0	65	18.7	2464	79	193	230	2.443	0.839	0.343	12.9	23.04
2564	40.8886	116.6619	-336.7	340	TRF2	0	0	0	0	43	18.9	2483	104	157	247	1.510	0.636	0.421	12.9	23.03
2565	40.8886	116.6613	-325.4	362	TRF2	0	0	0	0	61	19.2	2512	87	146	279	1.678	0.523	0.312	12.8	23.00
2566	40.8887	116.6608	-315.2	369	TRF2	0	0	0	0	53	15.5	2492	85	166	245	1.953	0.678	0.347	12.9	23.01
2567	40.8887	116.6602	-312.9	364	TRF2	0	0	0	0	69	15.5	2404	94	161	226	1.713	0.712	0.416	12.7	22.98
2568	40.8887	116.6597	-313.3	357	TRF2	0	0	0	0	66	15.4	2380	90	148	225	1.644	0.658	0.400	12.8	22.98
2569	40.8887	116.6592	-310.5	355	TRF2	0	0	0	0	64	15.4	2380	83	167	206	2.012	0.811	0.403	12.7	22.98
2570	40.8887	116.6586	-306.6	351	TRF2	0	0	0	0	54	15.3	2331	62	260	192	4.194	1.354	0.323	12.7	22.98
2571	40.8888	116.6581	-306.5	348	TRF2	0	0	0	0	45	15.3	2308	77	155	255	2.013	0.608	0.302	12.7	22.97
2572	40.8888	116.6575	-308.9	347	TRF2	0	0	0	0	58	15.3	2494	71	236	201	3.324	1.174	0.353	12.6	22.96
2573	40.8888	116.6570	-311.5	350	TRF2	0	0	0	0	71	15.3	2433	95	175	226	1.842	0.774	0.420	12.6	22.95
2574	40.8888	116.6564	-314.1	361	TRF2	0	0	0	0	45	15.4	2479	111	120	274	1.081	0.438	0.405	12.5	22.93
2575	40.8888	116.6559	-316.5	379	TRF2	0	0	0	0	48	15.6	2626	89	214	243	2.404	0.881	0.366	12.5	22.94
2576	40.8889	116.6553	-315.6	392	TRF2	0	0	0	0	64	15.7	2598	79	213	252	2.696	0.845	0.313	12.4	22.93
2577	40.8889	116.6548	-316.8	381	TRF2	0	0	0	0	43	15.6	2600	104	238	211	2.288	1.128	0.493	12.4	22.92
2578	40.8889	116.6543	-324.3	362	TRF2	0	0	0	0	56	15.4	2569	84	206	237	2.452	0.869	0.354	12.4	22.92
2579	40.8889	116.6537	-341.1	347	TRF2	0	0	0	0	69	15.3	2507	80	161	281	2.012	0.573	0.285	12.4	22.92
2580	40.8889	116.6532	-352.5	337	TRF2	0	0	0	0	50	15.2	2465	84	191	235	2.274	0.813	0.357	12.4	22.91
2581	40.8890	116.6526	-367.2	335	TRF2	0	0	0	0	59	15.2	2418	92	186	226	2.022	0.823	0.407	12.3	22.89
2582	40.8890	116.6521	-374.5	338	TRF2	0	0	0	0	72	15.2	2446	91	105	277	1.154	0.379	0.329	12.3	22.91
2583	40.8890	116.6515	-379.1	347	TRF2	0	0	0	0	60	15.3	2412	101	95	251	0.941	0.378	0.402	12.3	22.92
2584	40.8890	116.6510	-371.6	358	TRF2	0	0	0	0	49	15.4	2407	97	138	254	1.423	0.543	0.382	12.2	22.92
2585	40.8891	116.6504	-362.1	369	TRF2	0	0	0	0	55	22.3	2389	91	177	201	1.945	0.881	0.453	12.3	22.92
2586	40.8891	116.6499	-356.6	385	TRF2	0	0	0	0	53	22.5	2446	74	175	249	2.365	0.703	0.297	12.2	22.93
2587	40.8891	116.6493	-334.9	396	TRF2	0	0	0	0	56	22.6	2512	84	186	265	2.214	0.702	0.317	12.2	22.93
2588	40.8891	116.6488	-328.0	409	TRF2	0	0	0	0	71	22.8	2595	85	241	188	2.835	1.282	0.452	12.2	22.94
2589	40.8891	116.6483	-322.7	424	TRF2	0	0	0	0	74	23.0	2685	110	173	256	1.573	0.676	0.430	12.1	22.94
2590	40.8892	116.6477	-323.5	435	TRF2	0	0	0	0	67	23.1	2818	95	175	302	1.842	0.579	0.315	12.1	22.95
2591	40.8892	116.6472	-328.4	438	TRF2	0	0	0	0	75	23.2	2777	82	261	248	3.183	1.052	0.331	12.1	22.97
2592	40.8892	116.6466	-334.4	447	TRF2	0	0	0	0	72	23.3	2769	109	190	239	1.743	0.795	0.456	12.0	22.99
2593	40.8892	116.6461	-340.7	454	TRF2	0	0	0	0	55	23.4	2648	96	148	257	1.542	0.576	0.374	12.1	23.00
2594	40.8892	116.6455	-346.8	462	TRF2	0	0	0	0	53	23.5	2722	118	171	260	1.449	0.658	0.454	12.1	23.03
2595	40.8893	116.6450	-349.6	472	TRF2	0	0	0	0	56	23.6	2581	69	208	239	3.014	0.870	0.289	12.0	23.03
2596	40.8893	116.6444	-345.1	484	TRF2	0	0	0	0	51	23.7	2608	81	272	187	3.358	1.455	0.433	12.0	23.04
2597	40.8893	116.6439	-334.5	485	TRF2	0	0	0	0	64	23.8	2638	127	180	152	1.417	1.184	0.836	12.0	23.07
2598	40.8893	116.6434	-320.4	486	TRF2	0	0	0	0	46	23.8	2693	91	197	233	2.165	0.845	0.391	12.0	23.09
2599	40.8893	116.6428	-309.5	487	TRF2	0	0	0	0	34	23.8	2781	122	172	243	1.410	0.708	0.502	12.0	23.12
2600	40.8894	116.6423	-300.1	492	TRF2	0	0	0	0	56	23.8	2824	103	189	214	1.835	0.883	0.481	12.1	23.15
2601	40.8894	116.6417	-294.4	496	TRF2	0	0	0	0	56	23.9	2790	93	255	234	2.742	1.090	0.397	12.0	23.15
2602	40.8894	116.6412	-290.0	501	TRF2	0	0	0	0	51	24.0	2682	122	148	237	1.213	0.624	0.515	12.1	23.18
2603	40.8894	116.6406	-277.0	548	TRF2	0	0	0	0	59	24.5	2879	93	223	217	2.398	1.028	0.429	12.1	23.22
2604	40.8894	116.6401	-276.7	600	TRF2	0	0	0	0	56	29.9	2800	131	164	211	1.252	0.777	0.621	12.2	23.24
2605	40.8895	116.6395	-273.3	628	TRF2	0	0	0	0	44	30.2	2802	108	192	229	1.778	0.838	0.472	12.3	23.28
2606	40.8895	116.6390	-274.4	606	TRF2	0	0	0	0	57	29.9	2670	94	125	293	1.330	0.427	0.321	12.3	23.28
2607	40.8895	116.6384	-272.3	595	TRF2	0	0	0	0	49	29.8	2558	94	199	139	2.117	1.432	0.676	12.3	23.33
2608	40.8895	116.6379	-274.2	567	TRF2	0	0	0	0	65	29.4	2420	74	177	139	2.392	1.273	0.532	12.4	23.35
2609	40.8895	116.6374	-274.2	550	TRF2	0	0	0	0	51	29.2	2306	74	139	169	1.878	0.822	0.438	12.3	23.36
2610	40.8896	116.6368	-267.9	511	TRF2	0	0	0	0	50	28.7	2218	48	212	152	4.417	1.395	0.316	12.3	23.38

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2611	40.8896	116.6363	-255.4	498	TRF2	0	0	0	0	68	28.5	2334	89	110	162	1.236	0.679	0.549	12.3	23.39
2612	40.8896	116.6357	-243.6	493	TRF2	0	0	0	0	46	28.4	2306	70	175	193	2.500	0.907	0.363	12.4	23.38
2613	40.8896	116.6352	-241.8	481	TRF2	0	0	0	0	50	28.2	2269	72	142	198	1.972	0.717	0.364	12.4	23.41
2614	40.8896	116.6346	-236.2	449	TRF2	0	0	0	0	41	27.8	2266	80	163	181	2.037	0.901	0.442	12.5	23.43
2615	40.8897	116.6341	-229.3	423	TRF2	0	0	0	0	44	27.4	2148	82	94	171	1.146	0.550	0.480	12.6	23.46
2616	40.8897	116.6335	-231.8	410	TRF2	0	0	0	0	45	27.2	2066	58	186	150	3.207	1.240	0.387	12.7	23.48
2617	40.8897	116.6330	-242.0	397	TRF2	0	0	0	0	53	27.0	2202	80	135	183	1.688	0.738	0.437	12.9	23.52
2618	40.8897	116.6325	-249.0	381	TRF2	0	0	0	0	48	26.7	2126	63	196	118	3.111	1.661	0.534	12.8	23.49
2619	40.8897	116.6319	-244.3	365	TRF2	0	0	0	0	61	26.4	2140	58	197	166	3.397	1.187	0.349	12.9	23.51
2620	40.8898	116.6314	-209.8	354	TRF2	0	0	0	0	48	26.3	2131	67	122	206	1.821	0.592	0.325	12.9	23.49
2621	40.8898	116.6308	-210.0	343	TRF2	0	0	0	0	43	26.1	2173	72	168	159	2.333	1.057	0.453	13.0	23.50
2622	40.8898	116.6303	-195.8	326	TRF2	0	0	0	0	61	25.8	2166	76	116	226	1.526	0.513	0.336	13.0	23.51
2623	40.8898	116.6297	-183.5	309	TRF2	0	0	0	0	52	26.4	2085	66	196	161	2.970	1.217	0.410	12.9	23.48
2624	40.8898	116.6292	-183.6	294	TRF2	0	0	0	0	50	26.1	2082	65	114	228	1.754	0.500	0.285	13.0	23.50
2625	40.8899	116.6286	-183.8	278	QQA2	0	0	0	0	52	25.8	2190	60	146	272	2.433	0.537	0.221	13.0	23.49
2626	40.8899	116.6281	-221.0	266	QQA2	0	0	0	0	46	25.6	2068	52	172	233	3.308	0.738	0.223	13.0	23.49
2627	40.8899	116.6276	-241.5	256	QQA2	0	0	0	0	39	25.4	2229	84	181	190	2.155	0.953	0.442	13.0	23.49
2628	40.8899	116.6270	-240.7	251	QQA2	0	0	0	0	52	25.3	2208	65	147	234	2.262	0.628	0.278	13.1	23.48
2629	40.8899	116.6265	-232.6	250	QQA2	0	0	0	0	47	25.3	2120	75	116	223	1.547	0.520	0.336	13.1	23.47
2630	40.8900	116.6259	-233.7	254	QQA2	0	0	0	0	51	25.4	2099	79	166	182	2.101	0.912	0.434	13.1	23.47
2631	40.8900	116.6254	-246.2	260	QQA2	0	0	0	0	42	25.5	2038	67	93	234	1.388	0.397	0.286	13.1	23.45
2632	40.8900	116.6248	-252.5	273	QQA2	0	0	0	0	67	25.7	2065	76	60	231	0.789	0.260	0.329	13.2	23.45
2633	40.8900	116.6243	-255.3	287	QQA2	0	0	0	0	59	26.0	2060	61	193	216	3.164	0.894	0.282	13.3	23.45
2634	40.8900	116.6237	-265.6	297	QQA2	0	0	0	0	59	26.2	2133	87	98	195	1.126	0.503	0.446	13.4	23.47
2635	40.8901	116.6232	-280.6	303	QQA2	0	0	0	0	63	26.3	2066	59	120	174	2.034	0.690	0.339	13.3	23.45
2636	40.8901	116.6226	-301.0	304	QQA2	0	0	0	0	56	26.3	2145	71	163	200	2.296	0.815	0.355	13.3	23.44
2637	40.8901	116.6221	-325.4	301	QQA2	0	0	0	0	45	26.2	2148	78	131	194	1.679	0.675	0.402	13.3	23.43
2638	40.8901	116.6216	-325.5	301	QQA2	0	0	0	0	58	26.2	2110	59	154	208	2.610	0.740	0.284	13.4	23.46
2639	40.8901	116.6210	-319.8	310	QQA2	0	0	0	0	49	26.4	2210	67	160	198	2.388	0.808	0.338	13.4	23.45
2640	40.8902	116.6205	-296.1	324	QQA2	0	0	0	0	53	26.7	2227	68	158	207	2.324	0.763	0.329	13.4	23.47
2641	40.8902	116.6199	-267.0	351	QQA2	0	0	0	0	42	27.1	2189	60	142	236	2.367	0.602	0.254	13.5	23.47
2642	40.8902	116.6194	-248.0	372	QQA2	0	0	0	0	45	28.5	2249	88	99	198	1.125	0.500	0.444	13.5	23.47
2643	40.8902	116.6188	-238.7	386	QQA2	0	0	0	0	51	28.8	2188	86	102	199	1.186	0.513	0.432	13.5	23.49
2644	40.8902	116.6183	-232.3	390	QQA2	0	0	0	0	41	28.8	2220	81	93	234	1.148	0.397	0.346	13.5	23.51
2645	40.8903	116.6177	-233.9	396	QQA2	0	0	0	0	59	28.9	2248	68	162	174	2.382	0.931	0.391	13.6	23.52
2646	40.8903	116.6172	-232.3	398	QQA2	0	0	0	0	65	29.0	2168	59	193	190	3.271	1.016	0.311	13.6	23.53
2647	40.8903	116.6167	-240.6	401	QQA2	0	0	0	0	46	29.0	2270	76	127	227	1.671	0.559	0.335	13.6	23.53
2648	40.8903	116.6161	-250.7	401	QQA2	0	0	0	0	50	29.0	2241	74	126	251	1.703	0.502	0.295	13.6	23.53
2649	40.8903	116.6156	-251.3	385	QQA2	0	0	0	0	43	28.8	2163	65	211	170	3.246	1.241	0.382	13.7	23.54
2650	40.8904	116.6150	-243.8	371	QQA2	0	0	1	0	44	28.5	2207	84	3	326	0.036	0.009	0.258	13.7	23.53
2651	40.8904	116.6145	-226.7	358	QQA2	0	0	0	0	49	28.3	2138	52	149	242	2.865	0.616	0.215	13.8	23.54
2652	40.8904	116.6139	-206.2	349	QQA2	0	0	0	0	45	28.1	2061	71	137	154	1.930	0.890	0.461	13.8	23.53
2653	40.8904	116.6134	-197.6	343	QQA2	0	0	0	0	40	28.0	2057	74	126	185	1.703	0.681	0.400	13.8	23.52
2654	40.8904	116.6128	-234.5	344	QQA2	0	0	0	0	48	28.0	2047	63	216	114	3.429	1.895	0.553	13.8	23.51
2655	40.8905	116.6123	-234.6	349	QQA2	0	0	0	0	47	28.1	2024	56	152	187	2.714	0.813	0.299	13.9	23.53
2656	40.8905	116.6117	-281.1	363	QQA2	0	0	0	0	54	28.4	2067	47	133	210	2.830	0.633	0.224	13.9	23.53
2657	40.8905	116.6112	-285.2	370	QQA2	0	0	0	0	50	28.5	2137	61	190	142	3.115	1.338	0.430	13.9	23.50
2658	40.8905	116.6107	-277.8	375	QQA2	0	0	0	0	55	28.6	2018	55	114	201	2.073	0.567	0.274	13.9	23.49
2659	40.8905	116.6101	-272.9	371	QQA2	0	0	0	0	36	28.5	2033	58	137	203	2.362	0.675	0.286	14.0	23.49
2660	40.8906	116.6096	-272.5	382	QQA2	0	0	0	0	51	28.7	2182	68	159	175	2.338	0.909	0.389	14.0	23.49
2661	40.8906	116.6090	-267.7	423	QQA2	0	0	0	0	46	31.6	2259	74	133	218	1.797	0.610	0.339	13.9	23.49
2662	40.8906	116.6085	-257.9	453	QQA2	0	0	0	0	62	32.2	2392	73	126	243	1.726	0.519	0.300	14.0	23.49
2663	40.8906	116.6079	-247.9	427	QQA2	0	0	0	0	48	31.7	2268	76	77	238	1.013	0.324	0.319	14.0	23.48
2664	40.8906	116.6074	-247.3	397	QQA2	0	0	0	0	50	31.2	2246	56	160	219	2.857	0.731	0.256	14.0	23.49

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2665	40.8907	116.6068	-247.3	414	QQA2	0	0	0	0	49	31.5	2264	66	89	267	1.348	0.333	0.247	13.9	23.48
2666	40.8907	116.6063	-235.4	421	QQA2	0	0	0	0	42	31.6	2356	88	172	189	1.955	0.910	0.466	14.0	23.49
2667	40.8907	116.6058	-213.2	367	QQA2	0	0	0	0	46	30.6	2292	73	105	241	1.438	0.436	0.303	14.0	23.50
2668	40.8907	116.6052	-192.0	324	QQA2	0	0	0	0	50	29.8	2131	53	198	217	3.736	0.912	0.244	14.0	23.51
2669	40.8907	116.6047	-182.0	300	QQA2	0	0	0	0	49	29.3	1992	58	197	142	3.397	1.387	0.408	14.0	23.50
2670	40.8908	116.6041	-187.4	299	QQA2	0	0	0	0	42	29.3	1936	71	119	175	1.676	0.680	0.406	14.0	23.49
2671	40.8908	116.6036	-191.9	312	QQA2	0	0	0	0	50	29.5	2003	50	145	173	2.900	0.838	0.289	14.1	23.49
2672	40.8908	116.6030	-192.0	325	QQA2	0	0	0	0	51	29.8	1894	53	163	156	3.075	1.045	0.340	14.1	23.48
2673	40.8908	116.6025	-203.0	339	QQA2	0	0	0	0	41	30.1	1971	68	103	169	1.515	0.609	0.402	14.2	23.49
2674	40.8908	116.6019	-213.5	355	QQA2	0	0	0	0	47	30.4	1973	63	57	191	0.905	0.298	0.330	14.1	23.48
2675	40.8909	116.6014	-214.5	372	QQA2	0	0	0	0	45	30.7	1983	69	108	170	1.565	0.635	0.406	14.1	23.48
2676	40.8909	116.6009	-208.1	368	QQA2	0	0	0	0	57	30.6	1957	56	125	189	2.232	0.661	0.296	14.1	23.48
2677	40.8909	116.6003	-184.8	358	QQA2	0	0	0	0	47	30.4	1998	56	138	187	2.464	0.738	0.299	14.1	23.48
2678	40.8909	116.5998	-162.1	343	QQA2	0	0	0	0	52	30.2	2022	63	167	148	2.651	1.128	0.426	14.1	23.47
2679	40.8909	116.5992	-157.3	336	QQA2	0	0	0	0	57	30.0	2031	54	130	203	2.407	0.640	0.266	14.1	23.47
2680	40.8910	116.5987	-172.4	339	QQA2	0	0	0	0	54	35.7	2006	59	91	234	1.542	0.389	0.252	14.1	23.46
2681	40.8910	116.5981	-199.8	332	QQA2	0	0	0	0	47	35.5	1963	60	158	138	2.633	1.145	0.435	14.1	23.45
2682	40.8910	116.5976	-218.1	318	QQA2	0	0	0	0	47	35.2	1805	40	147	152	3.675	0.967	0.263	14.1	23.45
2683	40.8910	116.5970	-218.9	290	QQA2	0	0	0	0	45	34.5	1769	47	185	117	3.936	1.581	0.402	14.1	23.46
2684	40.8910	116.5965	-201.1	279	QQA2	0	0	0	0	59	34.3	1670	46	98	138	2.130	0.710	0.333	14.2	23.42
2685	40.8911	116.5959	-182.4	289	QQA2	0	0	0	0	42	34.5	1784	61	70	158	1.148	0.443	0.386	14.2	23.44
2686	40.8911	116.5954	-175.3	288	QQA2	0	0	0	0	49	34.5	1709	65	117	122	1.800	0.959	0.533	14.2	23.41
2687	40.8911	116.5949	-183.5	277	QQA2	0	0	0	0	40	34.2	1673	46	102	150	2.217	0.680	0.307	14.2	23.41
2688	40.8911	116.5943	-202.4	283	QQA2	0	0	0	0	53	34.3	1753	45	158	134	3.511	1.179	0.336	14.3	23.40
2689	40.8911	116.5938	-220.2	290	TVU	0	0	0	0	44	34.5	1733	45	118	168	2.622	0.702	0.268	14.3	23.38
2690	40.8912	116.5932	-233.5	295	TVU	0	0	0	0	63	34.6	1737	37	133	144	3.595	0.924	0.257	14.4	23.39
2691	40.8912	116.5927	-232.4	295	TVU	0	0	0	0	60	34.6	1787	57	112	129	1.965	0.868	0.442	14.3	23.37
2692	40.8912	116.5921	-223.5	302	TVU	0	0	0	0	60	34.8	1755	51	62	187	1.216	0.332	0.273	14.3	23.36
2693	40.8912	116.5916	-212.8	304	TVU	0	0	0	0	65	34.9	1837	49	77	169	1.571	0.456	0.290	14.4	23.36
2694	40.8912	116.5910	-210.2	311	TVU	0	0	0	0	39	35.0	1868	47	174	140	3.702	1.243	0.336	14.4	23.36
2695	40.8913	116.5905	-208.5	321	TVU	0	0	0	0	54	35.3	1807	63	53	153	0.841	0.346	0.412	14.4	23.35
2696	40.8913	116.5900	-206.0	333	TVU	0	0	0	0	35	35.6	1813	70	52	148	0.743	0.351	0.473	14.4	23.34
2697	40.8913	116.5894	-215.8	337	TVU	0	0	0	0	53	35.6	1734	50	93	139	1.860	0.669	0.360	14.4	23.34
2698	40.8913	116.5889	-224.1	322	TVU	0	0	0	0	58	35.3	1724	42	156	103	3.714	1.515	0.408	14.4	23.35
2699	40.8913	116.5883	-231.1	303	TVU	0	0	0	0	54	34.0	1734	59	76	139	1.288	0.547	0.424	14.4	23.36
2700	40.8914	116.5878	-233.8	300	TVU	0	0	0	0	48	34.0	1872	23	168	189	7.304	0.889	0.122	14.4	23.35
2701	40.8914	116.5872	-229.1	302	TVU	0	0	0	0	72	34.0	1865	44	86	196	1.955	0.439	0.224	14.5	23.36
2702	40.8914	116.5867	-222.5	303	TVU	0	0	0	0	44	34.0	1761	40	112	163	2.800	0.687	0.245	14.4	23.35
2703	40.8914	116.5861	-215.3	308	TVU	0	0	0	0	49	34.1	1795	35	106	177	3.029	0.599	0.198	14.4	23.35
2704	40.8914	116.5856	-205.7	317	TVU	0	0	0	0	50	34.4	1810	39	143	177	3.667	0.808	0.220	14.3	23.32
2705	40.8915	116.5851	-188.6	336	TVU	0	0	0	0	53	34.8	1864	67	56	187	0.836	0.299	0.358	14.4	23.33
2706	40.8915	116.5845	-188.6	354	TVU	0	0	0	0	50	35.2	1807	54	118	131	2.185	0.901	0.412	14.3	23.33
2707	40.8915	116.5840	-194.7	353	TVU	0	0	0	0	58	35.2	1762	43	107	127	2.488	0.843	0.339	14.4	23.34
2708	40.8915	116.5834	-200.7	345	TVU	0	0	0	0	58	35.0	1730	35	144	133	4.114	1.083	0.263	14.3	23.35
2709	40.8915	116.5829	-206.3	340	TVU	0	0	0	0	51	34.9	1757	40	120	156	3.000	0.769	0.256	14.3	23.33
2710	40.8916	116.5823	-213.9	318	TVU	0	0	0	0	67	34.4	1742	45	122	128	2.711	0.953	0.352	14.3	23.35
2711	40.8916	116.5818	-222.1	308	TVU	0	0	0	0	43	34.2	1759	62	72	158	1.161	0.456	0.392	14.3	23.34
2712	40.8916	116.5812	-224.5	309	TVU	0	0	0	0	46	34.2	1808	51	64	203	1.255	0.315	0.251	14.3	23.34
2713	40.8916	116.5807	-221.3	321	TVU	0	0	0	0	64	34.4	1862	47	142	156	3.021	0.910	0.301	14.4	23.33
2714	40.8916	116.5801	-221.3	336	TVU	0	0	0	0	65	34.8	1819	56	37	195	0.661	0.190	0.287	14.4	23.32
2715	40.8917	116.5796	-217.8	354	TVU	0	0	0	0	57	35.2	1925	53	144	155	2.717	0.929	0.342	14.4	23.31
2716	40.8917	116.5791	-217.1	357	TVU	0	0	0	0	52	35.3	1821	54	54	181	1.000	0.298	0.298	14.4	23.31
2717	40.8917	116.5785	-212.8	349	TVU	0	0	0	0	60	35.1	1796	60	71	185	1.183	0.384	0.324	14.3	23.31
2718	40.8917	116.5780	-206.2	344	TVU	0	0	0	0	51	32.9	1847	54	84	194	1.556	0.433	0.278	14.3	23.32

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2719	40.8917	116.5774	-200.0	351	TVU	0	0	0	0	61	33.0	1896	51	100	192	1.961	0.521	0.266	14.3	23.31
2720	40.8918	116.5769	-196.3	360	TVU	0	0	0	0	52	33.2	1787	48	134	127	2.792	1.055	0.378	14.3	23.31
2721	40.8918	116.5763	-197.3	353	TVU	0	0	0	0	51	33.1	1724	47	86	166	1.830	0.518	0.283	14.3	23.29
2722	40.8918	116.5758	-201.7	346	TVU	0	0	0	0	60	32.9	1675	25	154	142	6.160	1.085	0.176	14.3	23.29
2723	40.8918	116.5752	-206.2	338	TVU	0	0	1	0	64	32.8	1709	47	25	197	0.532	0.127	0.239	14.3	23.29
2724	40.8918	116.5747	-208.5	341	TVU	0	0	0	0	51	32.8	1663	50	133	109	2.660	1.220	0.459	14.3	23.32
2725	40.8919	116.5742	-206.3	349	TVU	0	0	0	0	50	33.0	1769	53	97	142	1.830	0.683	0.373	14.2	23.29
2726	40.8919	116.5736	-195.6	365	TVU	0	0	0	0	62	33.3	1806	48	127	140	2.646	0.907	0.343	14.1	23.28
2727	40.8919	116.5731	-184.0	391	TVU	0	0	0	0	70	33.9	2007	56	123	152	2.196	0.809	0.368	14.2	23.29
2728	40.8919	116.5725	-171.2	411	TVU	0	0	0	0	55	34.2	1908	66	85	162	1.288	0.525	0.407	14.2	23.27
2729	40.8919	116.5720	-166.7	422	TVU	0	0	0	0	70	34.5	2098	31	193	183	6.226	1.055	0.169	14.2	23.29
2730	40.8920	116.5714	-170.2	414	TVU	0	0	0	0	57	34.3	2214	49	179	185	3.653	0.968	0.265	14.2	23.31
2731	40.8920	116.5709	-182.1	383	TVU	0	0	0	0	66	33.7	2185	59	144	188	2.441	0.766	0.314	14.2	23.31
2732	40.8920	116.5703	-193.4	359	TVU	0	0	0	0	62	33.2	2170	61	153	191	2.508	0.801	0.319	14.1	23.31
2733	40.8920	116.5698	-204.2	345	TVU	0	0	0	0	57	32.9	2098	62	165	206	2.661	0.801	0.301	14.1	23.31
2734	40.8920	116.5692	-213.8	341	TVU	0	0	0	0	63	32.8	2137	73	139	188	1.904	0.739	0.388	14.0	23.30
2735	40.8921	116.5687	-214.9	342	TVU	0	0	0	0	58	32.8	2050	59	140	171	2.373	0.819	0.345	14.0	23.29
2736	40.8921	116.5682	-219.9	357	TVU	0	0	0	0	57	33.1	2112	65	107	214	1.646	0.500	0.304	14.0	23.33
2737	40.8921	116.5676	-214.1	378	TVU	0	0	0	0	63	27.0	2153	77	126	146	1.636	0.863	0.527	14.0	23.33
2738	40.8921	116.5671	-209.2	387	TVU	0	0	0	0	60	27.2	2099	58	149	176	2.569	0.847	0.330	14.0	23.31
2739	40.8921	116.5665	-201.9	400	TVU	0	0	0	0	54	27.4	2062	56	111	221	1.982	0.502	0.253	14.0	23.32
2740	40.8922	116.5660	-191.8	408	TVU	0	0	0	0	61	27.5	2167	53	175	198	3.302	0.884	0.268	13.9	23.32
2741	40.8922	116.5654	-174.9	410	TVU	0	0	0	0	57	27.6	2189	78	151	179	1.936	0.844	0.436	14.0	23.35
2742	40.8922	116.5649	-171.4	390	TVU	0	0	0	0	49	27.3	2230	62	200	169	3.226	1.183	0.367	13.9	23.32
2743	40.8922	116.5643	-166.2	367	TVU	0	0	0	0	38	26.9	2074	83	79	183	0.952	0.432	0.454	13.9	23.31
2744	40.8922	116.5638	-167.3	345	TVU	0	0	0	0	64	26.5	2210	68	161	185	2.368	0.870	0.368	13.9	23.32
2745	40.8923	116.5633	-167.3	330	TVU	0	0	0	0	41	26.2	2186	76	100	214	1.316	0.467	0.355	13.9	23.30
2746	40.8923	116.5627	-164.0	322	TVU	0	0	0	0	59	26.1	2161	61	161	190	2.639	0.847	0.321	13.8	23.29
2747	40.8923	116.5622	-162.8	330	TVU	0	0	0	0	53	26.2	2080	67	173	164	2.582	1.055	0.409	13.8	23.30
2748	40.8923	116.5616	-162.9	340	TVU	0	0	0	0	45	26.4	2017	70	82	209	1.171	0.392	0.335	13.7	23.28
2749	40.8924	116.5611	-162.1	350	TVU	0	0	0	0	56	26.6	1997	72	94	202	1.306	0.465	0.356	13.7	23.27
2750	40.8924	116.5605	-162.0	358	TVU	0	0	0	0	37	26.7	2014	51	156	203	3.059	0.768	0.251	13.7	23.27
2751	40.8924	116.5600	-162.0	368	TVU	0	0	0	0	52	26.9	2066	55	138	192	2.509	0.719	0.286	13.6	23.27
2752	40.8924	116.5594	-161.0	383	TVU	0	0	0	0	53	27.1	2097	52	106	232	2.038	0.457	0.224	13.6	23.28
2753	40.8924	116.5589	-158.2	404	TVU	0	0	0	0	47	27.5	2147	73	117	217	1.603	0.539	0.336	13.7	23.28
2754	40.8925	116.5584	-162.5	449	TVU	0	0	0	0	50	28.2	2332	97	160	167	1.649	0.958	0.581	13.6	23.29
2755	40.8925	116.5578	-166.8	485	TVU	0	0	0	0	49	28.7	2445	83	138	215	1.663	0.642	0.386	13.6	23.26
2756	40.8925	116.5573	-171.1	495	TVU	0	0	0	0	60	22.7	2338	69	142	226	2.058	0.628	0.305	13.5	23.27
2757	40.8925	116.5567	-177.6	513	TVU	0	0	0	0	68	22.9	2285	62	135	229	2.177	0.590	0.271	13.5	23.29
2758	40.8925	116.5562	-179.9	581	TVU	0	0	0	0	64	23.6	2501	67	216	141	3.375	1.532	0.454	13.6	23.31
2759	40.8926	116.5556	-180.5	611	TVU	0	0	0	0	60	24.0	2412	87	104	193	1.195	0.539	0.451	13.5	23.29
2760	40.8926	116.5551	-187.4	644	TVU	0	0	0	0	55	24.3	2551	75	215	180	2.867	1.194	0.417	13.4	23.29
2761	40.8926	116.5545	-190.0	644	TVU	0	0	0	0	56	24.3	2641	65	181	294	2.785	0.616	0.221	13.4	23.31
2762	40.8926	116.5540	-193.1	593	TVU	0	0	0	0	57	23.8	2605	84	245	193	2.917	1.269	0.435	13.4	23.31
2763	40.8926	116.5534	-200.0	527	TVU	0	0	0	0	70	23.1	2625	68	175	253	2.574	0.692	0.269	13.4	23.31
2764	40.8927	116.5529	-203.6	492	TVU	0	0	0	0	55	22.7	2510	90	72	325	0.800	0.222	0.277	13.3	23.33
2765	40.8927	116.5524	-208.6	455	TVU	0	0	0	0	50	22.2	2656	68	201	294	2.956	0.684	0.231	13.4	23.31
2766	40.8927	116.5518	-204.9	401	TVU	0	0	0	0	52	21.6	2535	82	172	264	2.098	0.652	0.311	13.3	23.31
2767	40.8927	116.5513	-192.3	365	TVU	0	0	0	0	57	21.1	2399	100	97	254	0.970	0.382	0.394	13.3	23.31
2768	40.8927	116.5507	-180.1	343	TVU	0	0	0	0	58	20.8	2483	74	195	257	2.635	0.759	0.288	13.3	23.29
2769	40.8928	116.5502	-176.9	325	TVU	0	0	0	0	54	20.6	2228	90	153	200	1.700	0.765	0.450	13.2	23.27
2770	40.8928	116.5496	-178.9	311	TVU	0	0	0	0	50	20.4	2267	103	105	225	1.019	0.467	0.458	13.3	23.26
2771	40.8928	116.5491	-184.3	306	TVU	0	0	1	0	58	20.3	2213	76	18	306	0.237	0.059	0.248	13.3	23.26
2772	40.8928	116.5485	-200.7	305	TVU	0	0	0	0	48	20.3	2255	75	150	246	2.000	0.610	0.305	13.2	23.23

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2773	40.8928	116.5480	-212.8	310	TVU	0	0	0	0	50	20.4	2297	79	162	228	2.051	0.711	0.346	13.2	23.21
2774	40.8929	116.5475	-236.2	309	TVU	0	0	0	0	67	20.3	2263	93	129	222	1.387	0.581	0.419	13.2	23.21
2775	40.8929	116.5469	-236.3	312	TVU	0	0	0	0	58	20.4	2234	81	162	196	2.000	0.827	0.413	13.2	23.23
2776	40.8929	116.5464	-256.7	313	TVU	0	0	0	0	30	20.4	2277	84	129	246	1.536	0.524	0.341	13.2	23.21
2777	40.8929	116.5458	-268.3	317	TVU	0	0	0	0	51	20.5	2364	87	126	257	1.448	0.490	0.339	13.1	23.19
2778	40.8929	116.5453	-275.4	324	TVU	0	0	0	0	55	20.6	2398	89	141	241	1.584	0.585	0.369	13.1	23.18
2779	40.8930	116.5447	-285.3	340	TVU	0	0	0	0	59	20.8	2402	97	91	273	0.938	0.333	0.355	13.1	23.16
2780	40.8930	116.5442	-290.7	369	TVU	0	0	0	0	57	21.2	2368	76	97	295	1.276	0.329	0.258	13.1	23.15
2781	40.8930	116.5436	-300.0	413	TVU	0	0	0	0	55	21.8	2514	108	85	283	0.787	0.300	0.382	13.1	23.16
2782	40.8930	116.5431	-308.5	460	TVU	0	0	0	0	58	22.3	2611	78	110	312	1.410	0.353	0.250	13.1	23.14
2783	40.8930	116.5426	-318.9	483	TVU	0	0	0	0	63	22.6	2677	96	135	289	1.406	0.467	0.332	13.0	23.15
2784	40.8931	116.5420	-326.8	483	TVU	0	0	0	0	71	22.6	2656	106	101	278	0.953	0.363	0.381	12.9	23.13
2785	40.8931	116.5415	-338.8	463	TVU	0	0	0	0	49	22.4	2745	115	133	275	1.157	0.484	0.418	12.9	23.12
2786	40.8931	116.5409	-349.7	436	TVU	0	0	0	0	68	22.1	2582	76	245	200	3.224	1.225	0.380	12.9	23.13
2787	40.8931	116.5404	-363.4	402	TVU	0	0	0	0	68	21.6	2511	107	127	249	1.187	0.510	0.430	12.8	23.13
2788	40.8931	116.5398	-374.8	362	TVU	0	0	0	0	65	21.1	2437	83	223	198	2.687	1.126	0.419	12.9	23.15
2789	40.8932	116.5393	-376.8	346	TVU	0	0	0	0	53	20.9	2230	74	209	189	2.824	1.106	0.392	12.7	23.12
2790	40.8932	116.5387	-380.6	360	TVU	0	0	0	0	65	21.1	2436	71	143	301	2.014	0.475	0.236	12.8	23.14
2791	40.8932	116.5382	-381.8	383	TVU	0	0	0	0	55	21.4	2564	87	170	268	1.954	0.634	0.325	12.7	23.13
2792	40.8932	116.5376	-386.7	431	TVU	0	0	0	0	66	22.0	2680	93	120	313	1.290	0.383	0.297	12.7	23.16
2793	40.8932	116.5371	-384.9	484	TVU	0	0	0	0	59	22.6	2722	118	92	314	0.780	0.293	0.376	12.7	23.17
2794	40.8933	116.5366	-386.2	493	TVU	0	0	0	0	63	28.5	2794	99	142	344	1.434	0.413	0.288	12.6	23.15
2795	40.8933	116.5360	-387.3	535	TVU	0	0	0	0	49	29.1	2763	103	141	281	1.369	0.502	0.367	12.5	23.17
2796	40.8933	116.5355	-380.8	602	TVU	0	0	0	0	67	30.0	2863	109	95	338	0.872	0.281	0.322	12.5	23.19
2797	40.8933	116.5349	-373.8	650	TVU	0	0	0	0	65	30.6	2924	94	163	332	1.734	0.491	0.283	12.5	23.21
2798	40.8933	116.5344	-359.9	685	TVU	0	0	0	0	52	31.0	2907	102	116	347	1.137	0.334	0.294	12.4	23.21
2799	40.8934	116.5338	-341.8	712	TVU	1	0	0	0	63	31.4	2828	102	97	373	0.951	0.260	0.273	12.4	23.23
2800	40.8934	116.5333	-327.8	727	TVU	1	0	0	0	50	31.5	2873	63	275	184	4.365	1.495	0.342	12.4	23.24
2801	40.8934	116.5327	-312.4	735	TVU	1	0	0	0	58	31.6	2936	108	154	321	1.426	0.480	0.336	12.4	23.25
2802	40.8934	116.5322	-299.3	734	TVU	1	0	0	0	56	31.6	2874	99	115	262	1.162	0.439	0.378	12.4	23.26
2803	40.8934	116.5317	-288.0	751	TVU	1	0	0	0	58	31.8	2754	99	107	320	1.081	0.334	0.309	12.4	23.28
2804	40.8935	116.5311	-279.0	766	TVU	1	0	0	0	51	31.9	2816	94	118	363	1.255	0.325	0.259	12.4	23.29
2805	40.8935	116.5306	-274.8	801	TVU	1	0	0	0	42	32.3	2746	101	123	359	1.218	0.343	0.281	12.5	23.33
2806	40.8935	116.5300	-275.1	812	TVU	1	0	0	0	62	32.4	2717	81	81	361	1.000	0.224	0.224	12.4	23.33
2807	40.8935	116.5295	-273.0	815	TVU	1	0	0	0	43	32.5	2739	101	152	251	1.505	0.606	0.402	12.4	23.36
2808	40.8935	116.5289	-272.3	821	TVU	1	0	0	0	48	32.5	2730	85	149	318	1.753	0.469	0.267	12.5	23.39
2809	40.8936	116.5284	-272.5	815	TVU	1	0	0	0	50	32.5	2701	89	175	267	1.966	0.655	0.333	12.5	23.42
2810	40.8936	116.5278	-261.8	827	TVU	1	0	0	0	62	32.6	2775	90	169	271	1.878	0.624	0.332	12.6	23.44
2811	40.8936	116.5273	-252.1	861	TVU	1	0	0	0	47	32.9	2819	100	119	364	1.190	0.327	0.275	12.6	23.45
2812	40.8936	116.5267	-236.4	905	TVU	1	0	0	0	68	33.3	2835	105	199	174	1.990	1.144	0.575	12.6	23.45
2813	40.8936	116.5262	-219.4	921	TVU	1	0	0	0	47	36.6	2973	108	118	378	1.093	0.312	0.286	12.6	23.49
2814	40.8937	116.5257	-208.8	917	TVU	1	0	0	0	57	36.6	2885	84	166	334	1.976	0.497	0.251	12.7	23.49
2815	40.8937	116.5251	-200.8	904	TVU	1	0	0	0	41	36.4	2730	81	133	342	1.642	0.389	0.237	12.7	23.49
2816	40.8937	116.5246	-192.8	884	TVU	1	0	0	0	46	36.2	2640	96	174	180	1.813	0.967	0.533	12.7	23.51
2817	40.8937	116.5240	-185.2	847	TVU	1	0	0	0	41	35.8	2515	67	145	262	2.164	0.553	0.256	12.7	23.52
2818	40.8937	116.5235	-181.5	857	TVU	1	0	0	0	73	35.9	2575	85	109	245	1.282	0.445	0.347	12.6	23.53
2819	40.8938	116.5229	-176.9	828	TVU	1	0	0	0	56	35.6	2339	73	105	227	1.438	0.463	0.322	12.7	23.54
2820	40.8938	116.5224	-174.0	806	TVU	1	0	0	0	52	35.4	2281	65	100	284	1.538	0.352	0.229	12.7	23.57
2821	40.8938	116.5218	-172.8	778	TVU	1	0	0	0	48	35.1	2447	72	144	250	2.000	0.576	0.288	12.8	23.62
2822	40.8938	116.5213	-172.9	759	TVU	1	0	0	0	64	34.9	2368	65	124	234	1.908	0.530	0.278	13.0	23.67
2823	40.8938	116.5208	-173.2	711	TVU	1	0	0	0	28	34.3	2389	64	164	208	2.563	0.788	0.308	13.0	23.68
2824	40.8939	116.5202	-177.1	673	TVU	0	0	0	0	36	33.8	2229	75	177	136	2.360	1.301	0.551	13.1	23.71
2825	40.8939	116.5197	-182.6	627	TVU	0	0	0	0	53	33.2	2001	51	113	202	2.216	0.559	0.252	13.2	23.74
2826	40.8939	116.5191	-183.2	575	TVU	0	0	0	0	63	32.4	2101	47	109	195	2.319	0.559	0.241	13.2	23.77

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2827	40.8939	116.5186	-189.7	523	TVU	0	0	0	0	4°	31.7	1944	50	101	166	2.020	0.608	0.301	13.2	23.79
2828	40.8939	116.5180	-193.6	494	TVU	0	0	0	0	34	31.2	2029	45	156	175	3.467	0.891	0.257	13.2	23.80
2829	40.8940	116.5175	-205.3	490	TVU	0	0	0	0	39	31.2	2007	51	231	90	4.529	2.567	0.567	13.3	23.83
2830	40.8940	116.5169	-210.7	486	QOA3	0	0	0	0	49	31.1	2021	70	31	237	0.443	0.131	0.295	13.4	23.82
2831	40.8940	116.5164	-216.1	479	QOA3	0	0	0	0	67	31.0	2083	59	97	187	1.644	0.519	0.316	13.5	23.85
2832	40.8940	116.5159	-220.7	456	QOA3	0	0	0	0	43	31.2	2064	56	134	170	2.393	0.788	0.329	13.6	23.85
2833	40.8940	116.5153	-223.5	438	QOA3	0	0	0	0	50	30.9	1945	43	139	165	3.233	0.842	0.261	13.7	23.88
2834	40.8941	116.5148	-232.0	423	QOA3	0	0	0	0	43	30.6	1972	63	130	121	2.063	1.074	0.521	13.7	23.88
2835	40.8941	116.5142	-235.9	412	QOA3	0	0	0	0	58	30.4	1910	55	74	205	1.345	0.361	0.268	13.7	23.89
2836	40.8941	116.5137	-239.6	403	QOA3	0	0	0	0	44	30.3	2117	49	99	260	2.020	0.381	0.188	13.8	23.90
2837	40.8941	116.5131	-246.6	395	QOA3	0	0	0	0	48	30.1	1948	59	100	187	1.695	0.535	0.316	13.9	23.91
2838	40.8941	116.5126	-251.3	389	QOA3	0	0	0	0	48	30.0	1952	66	91	175	1.379	0.520	0.377	14.0	23.93
2839	40.8942	116.5120	-256.7	377	QOA3	0	0	0	0	48	29.8	2072	72	108	218	1.500	0.495	0.330	14.1	23.96
2840	40.8942	116.5115	-259.7	367	QOA3	0	0	0	0	41	29.6	2073	84	113	172	1.345	0.657	0.488	14.1	23.96
2841	40.8942	116.5109	-262.7	358	QOA3	0	0	0	0	39	29.5	2012	78	33	238	0.423	0.139	0.328	14.2	23.95
2842	40.8942	116.5104	-267.6	350	QOA3	0	0	0	0	35	29.3	2069	71	74	207	1.042	0.357	0.343	14.2	23.97
2843	40.8942	116.5099	-267.7	348	QOA3	0	0	0	0	39	29.3	1934	60	104	210	1.733	0.495	0.286	14.3	23.96
2844	40.8943	116.5093	-265.6	352	QOA3	0	0	0	0	51	29.3	2022	57	130	181	2.281	0.718	0.315	14.4	23.99
2845	40.8943	116.5088	-262.2	351	QOA3	0	0	0	0	46	29.3	1928	52	109	186	2.096	0.586	0.280	14.4	23.96
2846	40.8943	116.5082	-260.6	350	QOA3	0	0	0	0	33	29.3	1975	72	113	150	1.569	0.753	0.480	14.5	23.96
2847	40.8943	116.5077	-261.5	347	QOA3	0	0	0	0	42	29.3	1969	68	114	167	1.676	0.683	0.407	14.6	23.98
2848	40.8943	116.5071	-261.4	345	QOA3	0	0	0	0	50	29.2	1835	47	97	213	2.064	0.455	0.221	14.6	24.01
2849	40.8944	116.5066	-259.8	344	QOA3	0	0	0	0	53	29.2	1919	62	110	159	1.774	0.692	0.390	14.6	23.97
2850	40.8944	116.5060	-258.7	345	QOA3	0	0	0	0	43	29.2	1876	49	45	218	0.918	0.206	0.225	14.7	23.98
2851	40.8944	116.5055	-258.0	344	QOA3	0	0	1	0	55	25.2	1790	61	24	185	0.393	0.130	0.330	14.7	23.97
2852	40.8944	116.5050	-253.4	344	QOA3	0	0	0	0	37	25.2	1837	38	162	174	4.263	0.931	0.218	14.7	23.96
2853	40.8944	116.5044	-249.1	345	QOA3	0	0	0	0	49	25.2	1743	41	157	131	3.829	1.198	0.313	14.7	23.96
2854	40.8945	116.5039	-246.9	344	QOA3	0	0	0	0	41	25.2	1691	47	114	130	2.426	0.877	0.362	14.8	23.95
2855	40.8945	116.5032	-249.4	341	QOA3	0	0	0	0	42	25.2	1666	32	149	128	4.656	1.164	0.250	14.8	23.96
2856	40.8945	116.5025	-247.3	342	QA2	0	0	0	0	53	25.2	1675	56	58	177	1.036	0.328	0.316	14.8	23.98
2857	40.8945	116.5018	-246.4	341	QA2	0	0	0	0	55	25.2	1664	38	106	175	2.789	0.606	0.217	14.9	23.96
2858	40.8945	116.5011	-247.6	340	QA2	0	0	0	0	43	25.2	1658	50	64	164	1.280	0.390	0.305	14.9	23.95
2859	40.8945	116.5004	-245.2	341	QA2	0	0	0	0	39	25.2	1604	50	74	157	1.480	0.471	0.318	15.0	23.95
2860	40.8945	116.4998	-245.2	338	QA2	0	0	0	0	32	25.1	1645	48	52	191	1.083	0.272	0.251	15.0	23.95
2861	40.8945	116.4991	-235.8	340	QA2	0	0	0	0	49	25.2	1688	36	123	162	3.417	0.759	0.222	15.1	23.97
2862	40.8945	116.4984	-234.2	337	QA2	0	0	0	0	54	25.1	1681	56	94	131	1.679	0.718	0.427	15.0	23.97
2863	40.8945	116.4977	-230.1	334	QA2	0	0	0	0	61	25.1	1789	47	110	140	2.340	0.786	0.336	15.0	23.95
2864	40.8945	116.4970	-225.8	334	QA2	0	0	0	0	51	25.1	1804	54	147	112	2.722	1.313	0.482	15.1	23.96
2865	40.8945	116.4964	-220.4	337	QA2	0	0	0	0	50	25.1	1833	54	92	152	1.704	0.605	0.355	15.1	23.96
2866	40.8945	116.4957	-211.8	339	QA2	0	0	0	0	42	25.2	1893	49	103	189	2.102	0.545	0.259	15.2	23.95
2867	40.8946	116.4950	-206.4	345	QA2	0	0	0	0	54	25.3	1825	54	92	194	1.704	0.474	0.278	15.3	23.95
2868	40.8946	116.4943	-202.3	345	QA2	0	0	0	0	58	25.3	1842	55	126	139	2.291	0.906	0.396	15.3	23.96
2869	40.8946	116.4936	-194.2	347	QOA3	0	0	0	0	57	25.3	1870	46	103	174	2.239	0.592	0.264	15.3	23.95
2870	40.8946	116.4929	-198.4	340	QOA3	0	0	0	0	42	27.8	1863	39	117	209	3.000	0.560	0.187	15.4	23.96
2871	40.8946	116.4923	-193.8	334	QOA3	0	0	0	0	38	27.7	1847	48	93	175	1.938	0.531	0.274	15.4	23.97
2872	40.8946	116.4916	-196.3	326	QOA3	0	0	0	0	47	27.5	1864	54	76	218	1.407	0.349	0.248	15.4	23.98
2873	40.8946	116.4909	-192.7	323	QOA3	0	0	0	0	25	27.5	2011	44	175	182	3.977	0.962	0.242	15.4	24.00
2874	40.8946	116.4902	-193.1	323	QOA3	0	0	0	0	39	27.5	1988	49	190	145	3.878	1.310	0.338	15.4	24.00
2875	40.8946	116.4895	-191.0	326	QOA3	0	0	0	0	36	27.5	1966	59	88	196	1.492	0.449	0.301	15.4	23.98
2876	40.8946	116.4888	-187.1	334	QOA3	0	0	0	0	64	27.7	1958	53	51	209	0.962	0.244	0.254	15.4	23.97
2877	40.8946	116.4882	-183.2	339	QOA3	0	0	0	0	54	27.8	1938	39	185	167	4.744	1.108	0.234	15.4	23.97
2878	40.8946	116.4875	-179.1	346	QOA3	0	0	0	0	62	27.9	1892	46	112	184	2.435	0.609	0.250	15.5	23.99
2879	40.8946	116.4868	-180.4	351	QOA3	0	0	0	0	48	28.0	1821	58	124	148	2.138	0.838	0.392	15.4	23.97
2880	40.8946	116.4861	-178.5	361	QOA3	0	0	0	0	59	28.2	1889	64	88	192	1.375	0.458	0.333	15.4	23.96

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2881	40.8946	116.4854	-181.3	365	QQA3	0	0	0	0	48	28.2	1837	56	108	132	1.929	0.818	0.424	15.4	23.94
2882	40.8947	116.4848	-184.8	363	QQA3	0	0	0	0	39	28.2	1800	54	56	179	1.037	0.313	0.302	15.4	23.93
2883	40.8947	116.4841	-186.7	362	QQA3	0	0	0	0	47	28.2	1896	55	59	208	1.073	0.284	0.264	15.4	23.94
2884	40.8947	116.4834	-190.6	360	QQA3	0	0	0	0	46	28.2	1832	52	90	180	1.731	0.500	0.289	15.4	23.96
2885	40.8947	116.4827	-197.2	361	QQA3	0	0	0	0	38	28.2	1894	45	113	177	2.511	0.638	0.254	15.4	23.94
2886	40.8947	116.4820	-194.9	358	QQA3	0	0	0	0	55	28.1	1836	55	83	187	1.509	0.444	0.294	15.4	23.93
2887	40.8947	116.4813	-190.6	354	QQA3	0	0	0	0	39	28.1	1783	62	96	136	1.548	0.706	0.456	15.4	23.93
2888	40.8947	116.4807	-191.5	351	QQA3	0	0	0	0	39	28.0	1842	49	97	211	1.980	0.460	0.232	15.4	23.93
2889	40.8947	116.4800	-192.2	349	QQA3	0	0	0	0	34	26.7	1869	49	160	141	3.265	1.135	0.348	15.4	23.94
2890	40.8947	116.4793	-190.9	345	QQA3	0	0	0	0	35	26.6	1851	46	78	217	1.696	0.359	0.212	15.4	23.95
2891	40.8947	116.4786	-195.3	341	QQA3	0	0	0	0	53	26.5	1858	57	115	155	2.018	0.742	0.368	15.4	23.96
2892	40.8947	116.4779	-195.5	337	QQA3	0	0	0	0	40	26.5	1880	57	89	212	1.561	0.420	0.269	15.4	23.97
2893	40.8947	116.4772	-203.4	335	QQA3	0	0	0	0	63	26.4	1839	61	83	169	1.361	0.491	0.361	15.4	23.96
2894	40.8947	116.4766	-206.3	334	QQA3	0	0	0	0	45	26.4	1733	57	35	182	0.614	0.192	0.313	15.4	23.96
2895	40.8947	116.4759	-212.5	333	QQA3	0	0	0	0	49	26.4	1859	68	103	146	1.515	0.705	0.466	15.5	23.99
2896	40.8947	116.4752	-210.6	333	QQA3	0	0	0	0	64	26.4	1858	55	163	117	2.964	1.393	0.470	15.4	23.97
2897	40.8948	116.4745	-214.3	335	QQA3	0	0	0	0	36	26.4	1918	61	171	157	2.803	1.089	0.389	15.4	23.97
2898	40.8948	116.4738	-217.1	339	QQA3	0	0	0	0	57	26.5	1906	53	102	184	1.925	0.554	0.288	15.5	23.97
2899	40.8948	116.4732	-211.3	340	QQA3	0	0	0	0	68	26.5	1987	65	73	201	1.123	0.363	0.323	15.5	23.95
2900	40.8948	116.4725	-210.4	338	QQA3	0	0	0	0	40	26.5	1966	52	155	163	2.981	0.951	0.319	15.5	23.97
2901	40.8948	116.4718	-208.6	332	QQA3	0	0	0	0	34	26.4	2023	71	110	206	1.549	0.534	0.345	15.5	23.99
2902	40.8948	116.4711	-205.1	325	QQA3	0	0	0	0	44	26.3	2052	63	89	239	1.413	0.372	0.264	15.5	23.99
2903	40.8948	116.4704	-205.5	321	QQA3	0	0	0	0	37	26.2	1997	50	212	158	4.240	1.342	0.316	15.5	24.01
2904	40.8948	116.4697	-204.7	320	QQA3	0	0	0	0	53	26.2	1999	56	69	230	1.232	0.300	0.243	15.5	24.01
2905	40.8948	116.4691	-196.0	324	QQA3	0	0	0	0	45	26.2	1993	64	113	189	1.766	0.598	0.339	15.4	24.01
2906	40.8948	116.4684	-189.7	326	QQA3	0	0	0	0	41	26.3	1945	57	150	151	2.632	0.993	0.377	15.4	24.00
2907	40.8948	116.4677	-184.3	333	QQA3	0	0	0	0	36	26.4	2011	69	87	198	1.261	0.439	0.348	15.5	24.00
2908	40.8948	116.4670	-179.1	340	QQA3	0	0	0	0	25	26.0	1976	61	127	185	2.082	0.686	0.330	15.5	23.99
2909	40.8948	116.4663	-174.0	344	QQA3	0	0	1	0	35	26.0	1881	86	22	166	0.256	0.133	0.518	15.4	23.97
2910	40.8948	116.4656	-170.6	346	QQA3	0	0	0	0	51	26.1	1980	48	134	191	2.792	0.702	0.251	15.4	24.00
2911	40.8949	116.4650	-167.3	348	QQA3	0	0	0	0	49	26.1	1996	49	132	201	2.694	0.657	0.244	15.4	23.99
2912	40.8949	116.4643	-167.4	352	QQA3	0	0	0	0	39	26.2	2031	67	53	219	0.791	0.242	0.306	15.5	23.99
2913	40.8949	116.4636	-167.0	351	QQA3	0	0	0	0	45	26.1	1973	62	102	181	1.645	0.564	0.343	15.4	23.99
2914	40.8949	116.4629	-164.7	351	QQA3	0	0	0	0	37	26.1	1930	68	88	180	1.294	0.489	0.378	15.4	23.97
2915	40.8949	116.4622	-163.8	353	QQA3	0	0	0	0	52	26.2	2022	48	111	246	2.313	0.451	0.195	15.4	23.98
2916	40.8949	116.4616	-159.0	353	QQA3	0	0	0	0	54	26.2	2078	42	199	175	4.738	1.137	0.240	15.3	23.97
2917	40.8949	116.4609	-154.8	361	QQA3	0	0	0	0	31	26.3	2010	48	124	208	2.583	0.596	0.231	15.3	23.96
2918	40.8949	116.4602	-146.7	367	QQA3	0	0	0	0	37	26.4	1922	69	97	163	1.406	0.595	0.423	15.2	23.95
2919	40.8949	116.4595	-137.5	372	QQA3	0	0	0	0	51	26.5	2019	53	231	147	4.358	1.571	0.361	15.2	23.95
2920	40.8949	116.4588	-132.1	377	QQA3	0	0	0	0	50	26.6	2081	63	69	265	1.095	0.260	0.238	15.2	23.94
2921	40.8949	116.4581	-133.5	380	QQA3	0	0	1	0	45	26.6	2064	69	7	267	0.101	0.026	0.258	15.2	23.95
2922	40.8949	116.4575	-136.1	383	QQA3	0	0	0	0	47	26.7	2104	78	165	133	2.115	1.241	0.586	15.1	23.93
2923	40.8949	116.4568	-147.0	386	QQA3	0	0	0	0	40	26.7	2072	60	149	192	2.483	0.776	0.313	15.1	23.91
2924	40.8949	116.4561	-162.9	388	QQA3	0	0	0	0	39	26.8	2126	89	65	212	0.730	0.307	0.420	15.1	23.93
2925	40.8949	116.4554	-183.0	392	QQA3	0	0	0	0	39	26.8	2155	75	129	220	1.720	0.586	0.341	15.1	23.95
2926	40.8950	116.4547	-203.4	390	QQA3	0	0	0	0	43	26.8	2144	68	164	181	2.412	0.906	0.376	15.1	23.93
2927	40.8950	116.4541	-220.3	395	QQA3	0	0	0	0	50	28.2	2242	76	173	186	2.276	0.930	0.409	15.0	23.92
2928	40.8950	116.4534	-276.9	397	QQA3	0	0	0	0	40	28.3	2150	60	108	225	1.800	0.480	0.267	15.0	23.91
2929	40.8950	116.4527	-277.0	397	QQA3	0	0	0	0	54	28.2	2199	70	109	214	1.557	0.509	0.327	15.0	23.93
2930	40.8950	116.4520	-326.8	390	QQA3	0	0	0	0	44	28.1	2192	55	205	172	3.727	1.192	0.320	15.0	23.91
2931	40.8950	116.4513	-338.8	375	QQA3	0	0	0	0	34	27.9	2287	59	202	226	3.424	0.894	0.261	14.9	23.91
2932	40.8950	116.4506	-350.1	359	QQA3	0	0	0	0	55	27.6	2337	89	69	264	0.775	0.261	0.337	15.0	23.91
2933	40.8950	116.4500	-371.1	350	QQA3	0	0	0	0	49	27.4	2299	83	115	245	1.386	0.469	0.339	15.0	23.93
2934	40.8950	116.4493	-368.7	354	QQA3	0	0	0	0	60	27.5	2243	74	123	210	1.662	0.586	0.352	15.0	23.93

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2935	40.8950	116.4486	-338.9	372	QOA3	0	0	0	0	47	27.8	2317	94	69	273	0.734	0.253	0.344	15.0	23.93
2936	40.8950	116.4479	-305.6	393	QOA3	0	0	0	0	61	28.2	2290	68	108	251	1.588	0.430	0.271	14.9	23.93
2937	40.8950	116.4472	-279.7	408	QOA3	0	0	0	0	37	28.4	2351	82	120	230	1.463	0.522	0.357	14.9	23.93
2938	40.8950	116.4465	-261.5	422	QOA3	0	0	0	0	38	28.7	2296	78	156	238	2.000	0.655	0.328	15.0	23.93
2939	40.8950	116.4459	-251.3	433	TVU	0	0	0	0	47	28.8	2289	65	181	202	2.785	0.896	0.322	14.9	23.93
2940	40.8950	116.4452	-238.6	444	TVU	0	0	0	0	32	29.0	2169	59	145	194	2.458	0.747	0.304	15.0	23.92
2941	40.8951	116.4445	-232.4	455	TVU	0	0	0	0	39	29.2	2250	73	118	271	1.616	0.435	0.269	15.0	23.90
2942	40.8951	116.4438	-219.8	453	TVU	0	0	0	0	48	29.2	2172	81	119	186	1.469	0.640	0.435	15.1	23.93
2943	40.8951	116.4431	-216.5	444	TVU	0	0	0	0	44	29.0	2177	73	89	225	1.219	0.396	0.324	15.1	23.94
2944	40.8951	116.4425	-220.3	434	TVU	0	0	0	0	26	28.9	2209	63	104	253	1.651	0.411	0.249	15.1	23.94
2945	40.8951	116.4418	-243.2	426	TVU	0	0	0	0	49	28.7	2163	49	186	188	3.796	0.989	0.261	15.1	23.96
2946	40.8951	116.4411	-243.4	421	TVU	0	0	0	0	36	31.7	2247	85	72	243	0.847	0.296	0.350	15.1	23.95
2947	40.8951	116.4404	-260.4	417	TVU	0	0	0	0	54	31.7	2285	81	83	203	1.025	0.409	0.399	15.1	23.98
2948	40.8951	116.4397	-256.8	411	TVU	0	0	0	0	64	31.6	2225	77	113	210	1.468	0.538	0.367	15.1	23.97
2949	40.8951	116.4390	-248.0	409	TVU	0	0	0	0	40	31.5	2175	70	32	291	0.457	0.110	0.241	15.1	23.99
2950	40.8951	116.4384	-244.4	407	TVU	0	0	0	0	36	31.5	2124	68	117	198	1.721	0.591	0.343	15.0	23.99
2951	40.8951	116.4377	-238.8	405	QA2	0	0	0	0	40	31.5	2143	56	174	199	3.107	0.874	0.281	15.1	23.99
2952	40.8951	116.4370	-234.7	402	QA2	0	0	0	0	49	31.4	2083	49	145	209	2.959	0.694	0.234	15.0	23.99
2953	40.8951	116.4363	-230.1	400	QA2	0	0	0	0	41	31.4	2055	54	86	230	1.593	0.374	0.235	15.1	23.98
2954	40.8951	116.4356	-225.8	400	QA2	0	0	0	0	45	31.4	2087	64	97	185	1.516	0.524	0.346	15.1	23.99
2955	40.8951	116.4349	-221.0	399	QA2	0	0	0	0	29	31.3	2063	57	134	224	2.351	0.598	0.254	15.0	23.99
2956	40.8952	116.4343	-212.9	397	QA2	0	0	0	0	49	31.3	2060	51	143	201	2.804	0.711	0.254	15.0	23.98
2957	40.8952	116.4336	-207.0	397	QA2	0	0	0	0	59	31.3	2061	56	83	211	1.482	0.393	0.265	15.0	23.99
2958	40.8952	116.4329	-198.1	402	QA2	0	0	0	0	46	31.4	2032	74	73	209	0.986	0.349	0.354	15.0	23.97
2959	40.8951	116.4323	-190.9	408	QA2	0	0	0	0	67	31.5	2056	46	161	162	3.500	0.994	0.284	15.0	23.98
2960	40.8949	116.4317	-188.5	407	QA2	0	0	0	0	44	31.5	1945	49	72	240	1.469	0.300	0.204	15.0	23.97
2961	40.8948	116.4310	-185.6	408	QA2	0	0	0	0	47	31.5	1966	57	130	181	2.281	0.718	0.315	15.0	23.97
2962	40.8947	116.4304	-179.6	410	QA2	0	0	0	0	44	31.5	1956	44	87	236	1.977	0.369	0.186	15.0	23.95
2963	40.8946	116.4298	-179.7	411	QA2	0	0	0	0	39	31.6	1974	63	145	167	2.302	0.868	0.377	15.0	23.95
2964	40.8945	116.4292	-179.3	410	QA2	0	0	0	0	53	31.5	1994	50	111	202	2.220	0.550	0.248	15.0	23.96
2965	40.8944	116.4285	-183.7	402	QA2	0	0	0	0	41	36.1	1961	53	113	190	2.132	0.595	0.279	15.0	23.96
2966	40.8943	116.4279	-186.3	398	QA2	0	0	0	0	43	36.0	1957	56	124	172	2.214	0.721	0.326	15.0	23.95
2967	40.8942	116.4273	-190.1	394	QA2	0	0	0	0	49	35.9	1922	40	150	174	3.750	0.862	0.230	15.0	23.97
2968	40.8941	116.4267	-191.5	394	QA2	0	0	0	0	47	35.9	2003	62	104	174	1.677	0.598	0.356	15.0	23.97
2969	40.8940	116.4260	-189.8	392	QA2	0	0	0	0	43	35.9	2026	56	99	212	1.768	0.467	0.264	15.0	23.96
2970	40.8938	116.4254	-182.8	397	QA2	0	0	0	0	40	36.0	2024	51	136	187	2.667	0.727	0.273	14.9	23.97
2971	40.8937	116.4248	-178.6	399	QA2	0	0	0	0	48	36.0	1954	48	30	247	0.625	0.121	0.194	14.9	23.96
2972	40.8936	116.4242	-172.5	400	QA2	0	0	0	0	45	36.1	2022	50	174	159	3.480	1.094	0.314	15.0	23.95
2973	40.8935	116.4236	-168.2	404	QA2	0	0	0	0	47	36.1	2037	54	141	167	2.611	0.844	0.323	14.9	23.95
2974	40.8934	116.4229	-167.0	408	QA2	0	0	0	0	42	36.2	1984	45	72	239	1.600	0.301	0.188	15.0	23.95
2975	40.8933	116.4223	-165.3	410	QA2	0	0	0	0	52	36.3	1941	60	69	179	1.150	0.385	0.335	15.0	23.96
2976	40.8932	116.4217	-164.7	410	QA2	0	0	0	0	42	36.3	1932	52	73	206	1.404	0.354	0.252	15.1	23.97
2977	40.8931	116.4211	-169.0	406	QA2	0	0	0	0	46	36.2	1933	40	70	225	1.750	0.311	0.178	15.1	23.95
2978	40.8930	116.4204	-173.9	398	QA2	0	0	0	0	58	36.0	1925	43	114	176	2.651	0.648	0.244	15.1	23.96
2979	40.8929	116.4198	-173.1	390	QA2	0	0	0	0	57	35.8	1864	46	92	226	2.000	0.407	0.204	15.1	23.99
2980	40.8927	116.4192	-181.7	380	QA2	0	0	0	0	49	35.6	1953	54	112	200	2.074	0.560	0.270	15.1	24.01
2981	40.8926	116.4186	-192.6	374	QA2	0	0	0	0	58	35.5	1915	45	162	167	3.600	0.970	0.269	15.1	24.02
2982	40.8925	116.4179	-196.5	366	QA2	0	0	0	0	50	35.3	1890	44	114	200	2.591	0.570	0.220	15.1	24.00
2983	40.8924	116.4173	-196.6	363	QA2	0	0	0	0	44	35.3	1970	56	128	170	2.286	0.753	0.329	15.1	24.02
2984	40.8923	116.4167	-196.7	363	QA2	0	0	0	0	34	34.9	1939	56	64	234	1.143	0.274	0.239	15.1	24.02
2985	40.8922	116.4161	-197.3	358	QA2	0	0	0	0	62	34.8	1975	50	83	170	1.660	0.488	0.294	15.2	24.01
2986	40.8921	116.4155	-204.1	361	QA2	0	0	0	0	46	34.9	1882	45	126	155	2.800	0.813	0.290	15.2	24.01
2987	40.8920	116.4148	-208.6	365	QA2	0	0	0	0	44	34.9	1943	54	108	194	2.000	0.557	0.278	15.2	24.02
2988	40.8919	116.4142	-209.2	366	QA2	0	0	0	0	35	35.0	2039	59	119	205	2.017	0.580	0.288	15.3	24.01

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2989	40.8918	116.4136	-213.7	368	QA2	0	0	0	0	46	35.0	2063	66	69	194	1.045	0.356	0.340	15.3	24.00
2990	40.8916	116.4130	-217.8	367	QA2	0	0	0	0	47	35.0	2043	50	102	206	2.040	0.495	0.243	15.3	24.00
2991	40.8915	116.4123	-216.9	363	QA2	0	0	0	0	51	34.9	1914	42	121	181	2.881	0.669	0.232	15.3	24.01
2992	40.8914	116.4117	-219.0	359	QA2	0	0	0	0	45	34.8	1950	46	119	187	2.587	0.636	0.246	15.3	24.00
2993	40.8913	116.4111	-217.4	355	QA2	0	0	0	0	37	34.7	2004	66	124	167	1.879	0.743	0.395	15.3	24.01
2994	40.8912	116.4105	-217.5	350	QA2	0	0	0	0	51	34.6	1963	47	106	222	2.255	0.477	0.212	15.2	24.00
2995	40.8911	116.4099	-219.1	345	QA2	0	0	0	0	56	34.5	1945	76	97	169	1.276	0.574	0.450	15.2	23.99
2996	40.8910	116.4092	-223.0	343	QA2	0	0	0	0	46	34.4	1968	49	59	223	1.204	0.265	0.220	15.2	24.01
2997	40.8909	116.4086	-225.6	342	QA2	0	0	0	0	39	34.4	1969	66	110	173	1.667	0.636	0.382	15.2	23.99
2998	40.8908	116.4080	-229.7	339	QA2	0	0	0	0	55	34.4	1949	42	116	191	2.762	0.607	0.220	15.2	24.02
2999	40.8908	116.4074	-229.8	333	QA2	0	0	0	0	46	34.2	1903	45	114	180	2.533	0.633	0.250	15.1	23.99
3000	40.8907	116.4068	-235.7	331	QQA3	0	0	0	0	43	34.2	2046	69	82	192	1.188	0.427	0.359	15.1	23.98
3001	40.8907	116.4063	-242.9	324	QQA3	0	0	0	0	41	34.0	1932	46	131	153	2.848	0.856	0.301	15.1	24.00
3002	40.8907	116.4057	-250.8	317	QQA3	0	0	0	0	43	33.9	1950	73	94	205	1.288	0.459	0.356	15.1	23.99
3003	40.8907	116.4051	-261.7	312	QQA3	0	0	0	0	48	30.8	1872	35	142	207	4.057	0.686	0.169	15.1	24.00
3004	40.8907	116.4045	-276.4	307	QQA3	0	0	0	0	44	30.7	1977	50	75	224	1.500	0.335	0.223	15.1	24.00
3005	40.8907	116.4040	-292.5	302	QQA3	0	0	0	0	39	30.6	1860	46	129	190	2.804	0.679	0.242	15.1	23.99
3006	40.8907	116.4034	-305.7	304	QQA3	0	0	0	0	50	30.6	1847	44	155	162	3.523	0.957	0.272	15.0	24.00
3007	40.8907	116.4028	-316.8	302	QQA3	0	0	0	0	38	30.6	1916	56	89	196	1.589	0.454	0.286	15.1	23.99
3008	40.8907	116.4023	-324.4	302	QQA3	0	0	0	0	41	30.6	1909	64	120	175	1.875	0.686	0.366	15.0	23.98
3009	40.8906	116.4017	-327.5	300	QQA3	0	0	0	0	49	30.5	1883	51	150	161	2.941	0.932	0.317	15.0	24.01
3010	40.8906	116.4011	-330.4	302	QQA3	0	0	0	0	42	30.6	1949	51	118	180	2.314	0.656	0.283	15.0	23.99
3011	40.8906	116.4005	-331.5	308	QQA3	0	0	0	0	39	30.7	1925	71	95	197	1.338	0.482	0.360	15.1	24.01
3012	40.8906	116.4000	-333.1	311	QQA3	0	0	0	0	38	30.8	1884	59	119	155	2.017	0.768	0.381	15.1	24.00
3013	40.8906	116.3994	-331.9	314	QQA3	0	0	0	0	42	30.8	1852	69	64	188	0.928	0.340	0.367	15.0	23.99
3014	40.8906	116.3988	-332.5	320	QQA3	0	0	0	0	52	31.0	1903	40	97	225	2.425	0.431	0.178	15.1	23.99
3015	40.8906	116.3982	-332.5	332	QQA3	0	0	0	0	55	31.2	1953	45	149	177	3.311	0.842	0.254	15.1	24.01
3016	40.8906	116.3977	-334.0	342	QQA3	0	0	0	0	40	31.4	1938	59	86	199	1.458	0.432	0.296	15.1	23.99
3017	40.8906	116.3971	-332.6	351	QQA3	0	0	0	0	58	31.6	1867	64	126	150	1.969	0.840	0.427	15.1	23.98
3018	40.8906	116.3965	-332.8	367	QQA3	0	0	0	0	42	31.9	1966	67	102	172	1.522	0.593	0.390	15.1	23.97
3019	40.8905	116.3960	-332.0	379	QQA3	0	0	0	0	38	32.2	1871	39	146	149	3.744	0.980	0.262	15.2	23.96
3020	40.8905	116.3954	-323.6	390	QQA3	0	0	0	0	47	32.4	1908	61	120	139	1.967	0.863	0.439	15.1	23.96
3021	40.8905	116.3948	-318.8	402	QQA3	0	0	0	0	46	32.6	2044	53	114	201	2.151	0.567	0.264	15.1	23.95
3022	40.8905	116.3942	-311.6	412	QQA3	0	0	0	0	50	26.8	1966	46	187	128	4.065	1.461	0.359	15.1	23.92
3023	40.8905	116.3937	-304.9	422	QQA3	0	0	0	0	54	26.9	1957	29	184	149	6.345	1.235	0.195	15.1	23.91
3024	40.8905	116.3931	-295.7	430	QQA3	0	0	0	0	54	27.1	1966	59	141	164	2.390	0.860	0.360	15.1	23.90
3025	40.8905	116.3925	-283.0	437	TVU	0	0	0	0	53	27.2	1990	70	49	212	0.700	0.231	0.330	15.1	23.87
3026	40.8905	116.3920	-273.8	447	TVU	0	0	0	0	56	27.3	2022	53	150	173	2.830	0.867	0.306	15.1	23.88
3027	40.8905	116.3914	-269.1	450	TVU	0	0	0	0	42	27.4	2057	65	87	189	1.338	0.460	0.344	15.1	23.86
3028	40.8905	116.3908	-264.5	453	TVU	0	0	0	0	43	27.4	2062	69	98	152	1.441	0.645	0.447	15.1	23.87
3029	40.8904	116.3902	-260.7	449	TVU	0	0	0	0	46	27.3	2189	67	141	177	2.104	0.797	0.379	14.9	23.87
3030	40.8904	116.3897	-260.5	447	TVU	0	0	0	0	40	27.3	2246	64	129	216	2.016	0.597	0.296	15.0	23.87
3031	40.8904	116.3891	-258.7	443	TVU	0	0	0	0	46	27.2	2195	72	157	152	2.181	1.033	0.474	15.0	23.85
3032	40.8904	116.3885	-266.2	429	TVU	0	0	0	0	38	27.0	2239	62	202	165	3.258	1.224	0.376	15.0	23.86
3033	40.8904	116.3879	-267.7	409	TVU	0	0	0	0	39	26.7	2301	79	89	266	1.127	0.335	0.297	15.0	23.87
3034	40.8904	116.3874	-268.3	388	TVU	0	0	0	0	56	26.4	2380	90	90	263	1.000	0.342	0.342	14.9	23.86
3035	40.8904	116.3868	-276.2	375	TVU	0	0	0	0	62	26.2	2267	69	122	248	1.768	0.492	0.278	14.9	23.86
3036	40.8904	116.3862	-288.5	382	TVU	0	0	0	0	46	26.3	2381	62	211	213	3.403	0.991	0.291	15.0	23.88
3037	40.8904	116.3857	-301.3	397	TVU	0	0	0	0	38	26.5	2513	76	150	264	1.974	0.568	0.288	14.9	23.87
3038	40.8904	116.3851	-301.7	393	TVU	0	0	0	0	37	26.5	2499	86	155	260	1.802	0.596	0.331	15.0	23.87
3039	40.8903	116.3845	-301.1	382	TVU	0	0	0	0	45	26.3	2422	78	131	254	1.679	0.516	0.307	14.9	23.86
3040	40.8903	116.3839	-293.1	365	TVU	0	0	0	0	48	26.0	2459	101	119	258	1.178	0.461	0.391	14.9	23.85
3041	40.8903	116.3834	-289.3	357	TVU	0	0	0	0	39	23.5	2365	86	98	292	1.140	0.336	0.295	14.9	23.84
3042	40.8903	116.3828	-292.7	360	TVU	0	0	0	0	50	23.6	2287	74	177	229	2.392	0.773	0.323	14.9	23.83

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3043	40.8903	116.3822	-306.6	382	TVU	0	0	0	0	37	23.9	2424	76	182	214	2.395	0.850	0.355	14.9	23.82
3044	40.8903	116.3816	-318.5	409	TVU	0	0	0	0	46	24.3	2416	74	109	292	1.473	0.373	0.253	14.9	23.77
3045	40.8903	116.3811	-332.4	436	TVU	0	0	0	0	42	24.7	2487	85	121	271	1.424	0.446	0.314	15.0	23.79
3046	40.8903	116.3805	-340.1	457	TVU	0	0	0	0	38	24.9	2409	89	104	236	1.169	0.441	0.377	14.8	23.75
3047	40.8903	116.3799	-348.3	479	TVU	0	0	0	0	51	25.2	2495	65	179	238	2.754	0.752	0.273	14.8	23.73
3048	40.8903	116.3794	-367.0	491	TVU	0	0	0	0	52	25.4	2510	66	187	243	2.833	0.770	0.272	14.8	23.75
3049	40.8902	116.3788	-367.1	493	TVU	0	0	0	0	46	25.4	2446	67	122	289	1.821	0.422	0.232	14.7	23.72
3050	40.8902	116.3782	-368.7	495	TVU	0	0	0	0	58	25.4	2405	88	81	243	0.920	0.333	0.362	14.7	23.73
3051	40.8902	116.3776	-370.9	494	TVU	0	0	0	0	47	25.4	2390	91	144	204	1.582	0.706	0.446	14.7	23.71
3052	40.8902	116.3771	-369.5	494	TVU	0	0	0	0	54	25.4	2336	75	150	219	2.000	0.685	0.342	14.7	23.69
3053	40.8902	116.3765	-366.4	492	TVU	0	0	0	0	39	25.4	2393	69	151	255	2.188	0.592	0.271	14.6	23.69
3054	40.8902	116.3759	-360.5	491	TVU	0	0	0	0	68	25.4	2371	71	220	179	3.099	1.229	0.397	14.6	23.64
3055	40.8902	116.3753	-355.9	490	TVU	0	0	0	0	50	25.4	2411	97	140	201	1.443	0.697	0.483	14.6	23.66
3056	40.8902	116.3748	-345.5	488	TVU	0	0	0	0	53	25.3	2424	96	64	282	0.667	0.227	0.340	14.6	23.67
3057	40.8902	116.3742	-335.4	487	TVU	0	0	0	0	52	25.3	2456	107	107	224	1.000	0.478	0.478	14.5	23.66
3058	40.8902	116.3736	-320.2	486	TVU	0	0	0	0	46	25.3	2505	68	174	247	2.559	0.704	0.275	14.6	23.65
3059	40.8901	116.3731	-311.7	482	TVU	0	0	0	0	41	25.3	2459	78	115	282	1.474	0.408	0.277	14.5	23.63
3060	40.8901	116.3725	-309.5	481	TVU	0	0	0	0	42	29.8	2550	81	159	250	1.963	0.636	0.324	14.6	23.64
3061	40.8901	116.3719	-309.5	466	TVU	0	0	0	0	40	29.5	2559	101	124	271	1.228	0.458	0.373	14.6	23.64
3062	40.8901	116.3713	-301.9	441	TVU	0	0	0	0	50	29.2	2454	71	127	298	1.789	0.426	0.238	14.6	23.64
3063	40.8901	116.3708	-292.7	411	TVU	0	0	0	0	50	28.7	2407	75	164	251	2.187	0.653	0.299	14.5	23.61
3064	40.8901	116.3702	-265.3	387	TVU	0	0	0	0	57	28.3	2435	84	172	224	2.048	0.768	0.375	14.4	23.59
3065	40.8901	116.3696	-197.1	365	DSRM2	0	0	0	0	42	27.9	2380	72	176	256	2.444	0.688	0.281	14.3	23.57
3066	40.8901	116.3690	-197.4	344	DSRM2	0	0	0	0	48	27.5	2347	84	70	286	0.833	0.245	0.294	14.5	23.55
3067	40.8901	116.3685	-159.1	331	DSRM2	0	0	0	0	46	27.3	2282	87	68	283	0.782	0.240	0.307	14.5	23.55
3068	40.8900	116.3679	-158.6	321	DSRM2	0	0	0	0	61	27.1	2281	104	108	203	1.038	0.532	0.512	14.4	23.51
3069	40.8900	116.3673	-165.5	339	DSRM2	0	0	0	0	42	27.4	2241	74	198	202	2.676	0.980	0.366	14.3	23.49
3070	40.8900	116.3668	-175.0	391	DSRM2	0	0	0	0	51	28.3	2319	76	166	216	2.184	0.769	0.352	14.2	23.46
3071	40.8900	116.3662	-187.9	448	DSRM2	0	0	0	0	40	29.3	2287	69	150	240	2.174	0.625	0.288	14.2	23.47
3072	40.8900	116.3656	-192.6	487	DSRM2	0	0	0	0	65	29.9	2093	45	64	232	1.422	0.276	0.194	14.1	23.45
3073	40.8900	116.3650	-197.2	489	DSRM2	0	0	0	0	55	29.9	1936	64	96	167	1.500	0.575	0.383	14.1	23.45
3074	40.8900	116.3645	-199.4	482	DSRM2	0	0	0	0	43	29.8	1962	56	129	172	2.304	0.750	0.326	14.0	23.43
3075	40.8900	116.3639	-199.7	457	TVU	0	0	0	0	51	29.4	1797	33	169	131	5.121	1.290	0.252	14.0	23.41
3076	40.8900	116.3633	-200.7	421	TVU	0	0	0	0	54	28.8	1697	54	100	123	1.852	0.813	0.439	14.0	23.41
3077	40.8900	116.3627	-203.1	383	TVU	0	0	0	0	42	28.2	1601	35	131	130	3.743	1.008	0.269	13.9	23.39
3078	40.8899	116.3622	-205.0	354	TVU	0	0	0	0	54	27.7	1581	44	80	126	1.818	0.635	0.349	13.9	23.39
3079	40.8899	116.3616	-202.8	361	TVU	0	0	0	0	48	33.8	1553	40	125	108	3.125	1.157	0.370	13.9	23.40
3080	40.8899	116.3610	-205.3	401	TVU	0	0	0	0	40	34.6	1597	36	111	126	3.083	0.881	0.286	13.9	23.39
3081	40.8899	116.3605	-203.8	450	QQA3	0	0	0	0	59	35.6	1683	52	68	112	1.308	0.607	0.464	13.9	23.39
3082	40.8899	116.3599	-202.6	487	QQA3	0	0	0	0	73	36.3	1726	45	68	145	1.478	0.469	0.317	13.9	23.39
3083	40.8899	116.3593	-204.4	490	QQA3	0	0	0	0	55	36.4	1872	37	146	148	3.946	0.986	0.250	13.9	23.40
3084	40.8899	116.3587	-200.0	492	QQA3	0	0	0	0	63	36.4	1805	41	111	123	2.707	0.902	0.333	14.0	23.40
3085	40.8899	116.3582	-200.6	492	QQA3	0	0	0	0	68	36.4	1779	45	82	146	1.822	0.562	0.308	13.9	23.37
3086	40.8899	116.3576	-200.7	492	QQA3	0	0	0	0	37	36.4	1866	54	106	135	1.963	0.785	0.400	13.9	23.37
3087	40.8899	116.3570	-198.6	492	QQA3	0	0	0	0	52	36.4	1813	39	164	107	4.205	1.533	0.364	13.9	23.37
3088	40.8898	116.3565	-203.7	491	QQA3	0	0	0	0	41	36.4	1773	43	151	109	3.512	1.385	0.394	13.9	23.38
3089	40.8898	116.3559	-199.9	490	QQA3	0	0	0	0	72	36.4	1682	43	65	131	1.512	0.496	0.328	13.8	23.35
3090	40.8898	116.3553	-197.2	491	QQA3	0	0	0	0	50	36.4	1721	58	86	129	1.483	0.667	0.450	13.8	23.32
3091	40.8898	116.3547	-199.4	491	DSRM2	0	0	0	0	52	36.4	1648	46	67	140	1.457	0.479	0.329	13.8	23.30
3092	40.8898	116.3542	-200.0	492	DSRM2	0	0	0	0	50	36.4	1658	45	108	95	2.400	1.137	0.474	13.7	23.28
3093	40.8898	116.3536	-197.6	495	DSRM2	0	0	0	0	55	36.5	1621	35	110	133	3.143	0.827	0.263	13.7	23.25
3094	40.8898	116.3530	-195.7	492	DSRM2	0	0	0	0	56	36.4	1744	46	69	137	1.500	0.504	0.336	13.7	23.22
3095	40.8898	116.3524	-196.1	490	DSRM2	0	0	0	0	53	36.4	1733	39	99	102	2.538	0.971	0.382	13.6	23.23
3096	40.8898	116.3519	-194.2	486	DSRM2	0	0	0	0	67	36.3	1770	46	91	149	1.978	0.611	0.309	13.6	23.23

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3097	40.8898	116.3513	-196.0	470	DSRM2	0	0	0	0	56	36.0	1677	53	52	133	0.981	0.391	0.398	13.6	23.22
3098	40.8897	116.3507	-192.8	451	DSRM2	0	0	0	0	48	39.9	1587	33	170	77	5.152	2.208	0.429	13.6	23.20
3099	40.8897	116.3502	-192.9	445	DSRM2	0	0	0	0	78	39.7	1571	29	113	78	3.897	1.449	0.372	13.6	23.20
3100	40.8897	116.3496	-190.1	438	DSRM2	0	0	0	0	50	39.6	1520	24	82	134	3.417	0.612	0.179	13.6	23.17
3101	40.8897	116.3490	-189.5	434	DSRM2	0	0	0	0	47	39.5	1423	33	86	100	2.606	0.860	0.330	13.6	23.15
3102	40.8897	116.3484	-187.6	442	DSRM2	0	0	0	0	47	39.7	1399	32	40	90	1.250	0.444	0.356	13.5	23.13
3103	40.8897	116.3479	-189.9	446	DSRM2	0	0	0	0	48	39.7	1355	33	64	98	1.939	0.653	0.337	13.5	23.11
3104	40.8897	116.3473	-187.6	440	DSRM2	0	0	0	0	59	39.6	1340	21	109	67	5.190	1.627	0.313	13.5	23.08
3105	40.8897	116.3467	-185.7	430	DSRM2	0	0	0	0	61	39.4	1338	29	96	65	3.310	1.477	0.446	13.4	23.03
3106	40.8897	116.3461	-185.9	421	DSRM2	0	0	0	0	53	39.2	1348	30	67	108	2.233	0.620	0.278	13.4	23.01
3107	40.8897	116.3456	-186.3	419	DSRM2	0	0	0	0	50	39.2	1332	16	108	73	6.750	1.479	0.219	13.3	23.00
3108	40.8896	116.3450	-185.5	418	DSRM2	0	0	0	0	76	39.1	1360	24	69	103	2.875	0.670	0.233	13.2	22.99
3109	40.8896	116.3444	-186.3	416	DSRM2	0	0	0	0	61	39.1	1334	13	97	90	7.462	1.078	0.144	13.2	22.93
3110	40.8896	116.3439	-189.0	412	DSRM2	0	0	0	0	60	39.0	1241	24	82	64	3.417	1.281	0.375	13.2	22.94
3111	40.8896	116.3433	-184.7	404	DSRM2	0	0	0	0	56	38.8	1229	23	79	62	3.435	1.274	0.371	13.0	22.89
3112	40.8896	116.3427	-189.4	396	DSRM2	0	0	0	0	65	38.6	1263	28	39	84	1.393	0.464	0.333	13.1	22.88
3113	40.8896	116.3421	-185.2	397	DSRM2	0	0	1	0	57	38.7	1136	22	14	87	0.636	0.161	0.253	13.0	22.87
3114	40.8896	116.3416	-190.3	404	DSRM2	0	0	0	0	55	38.8	1092	17	53	51	3.118	1.039	0.333	13.1	22.89
3115	40.8896	116.3410	-187.8	415	DSRM2	0	0	0	0	52	39.1	1105	30	25	64	0.833	0.391	0.469	13.0	22.85
3116	40.8896	116.3404	-185.8	428	DSRM2	0	0	0	1	75	39.4	1103	7	74	52	10.571	1.423	0.135	12.9	22.82
3117	40.8895	116.3398	-184.6	441	DSRM2	0	0	0	1	57	40.4	1080	3	77	63	25.667	1.222	0.048	12.9	22.82
3118	40.8895	116.3393	-184.6	450	DSRM2	0	0	0	0	61	40.6	1138	14	40	60	2.857	0.667	0.233	12.9	22.81
3119	40.8895	116.3387	-186.6	442	DSRM2	0	0	1	0	69	40.4	1096	29	8	86	0.276	0.093	0.337	12.8	22.80
3120	40.8895	116.3381	-189.2	433	DSRM2	0	0	1	0	60	40.2	1088	16	20	93	1.250	0.215	0.172	12.7	22.79
3121	40.8895	116.3376	-188.8	437	DSRM2	0	0	0	0	54	40.3	1202	18	50	76	2.778	0.658	0.237	12.7	22.79
3122	40.8895	116.3370	-188.0	434	DSRM2	0	0	0	0	67	40.2	1221	21	76	42	3.619	1.810	0.500	12.6	22.77
3123	40.8895	116.3364	-184.5	415	DSRM2	0	0	0	0	56	39.8	1120	27	26	66	0.963	0.394	0.409	12.6	22.76
3124	40.8895	116.3358	-184.2	404	DSRM2	0	0	0	0	61	39.6	1141	13	48	80	3.692	0.600	0.162	12.5	22.75
3125	40.8895	116.3353	-184.0	420	OE	0	0	0	0	74	39.9	1110	19	64	44	3.368	1.455	0.432	12.5	22.73
3126	40.8895	116.3347	-183.8	426	OE	0	0	1	0	60	40.1	1155	29	-4	76	-0.138	-0.053	0.382	12.5	22.73
3127	40.8894	116.3341	-189.6	396	OE	0	0	1	0	57	39.4	1154	29	15	79	0.517	0.190	0.367	12.4	22.73
3128	40.8894	116.3335	-188.9	372	OE	0	0	0	0	72	38.8	1053	7	32	86	4.571	0.372	0.081	12.4	22.68
3129	40.8894	116.3330	-187.9	359	OE	0	0	0	0	59	38.5	1134	28	33	72	1.179	0.458	0.389	12.4	22.69
3130	40.8894	116.3324	-193.5	359	OE	0	0	0	0	58	38.5	1134	14	39	91	2.786	0.429	0.154	12.4	22.66
3131	40.8894	116.3318	-188.8	374	OH	0	0	0	0	74	38.8	1063	17	67	45	3.941	1.489	0.378	12.4	22.64
3132	40.8894	116.3313	-188.2	402	OH	0	0	0	0	68	39.5	1115	19	56	57	2.947	0.982	0.333	12.3	22.63
3133	40.8894	116.3307	-192.0	438	OH	0	0	0	0	66	40.3	1129	28	39	56	1.393	0.696	0.500	12.2	22.63
3134	40.8894	116.3301	-191.2	484	OH	0	0	0	0	52	41.3	1137	33	31	45	0.939	0.689	0.733	12.3	22.62
3135	40.8894	116.3295	-191.3	495	OH	0	0	1	0	67	41.6	1136	29	13	48	0.448	0.271	0.604	12.2	22.59
3136	40.8894	116.3290	-188.4	547	OH	0	0	0	0	51	41.6	1157	27	64	69	2.370	0.928	0.391	12.2	22.58
3137	40.8893	116.3284	-186.7	614	OH	0	0	0	0	63	42.8	1199	30	39	33	1.300	1.182	0.909	12.1	22.56
3138	40.8893	116.3278	-190.5	656	OH	0	0	0	0	71	43.6	1286	16	79	50	4.938	1.580	0.320	12.1	22.54
3139	40.8893	116.3272	-191.0	607	OH	0	0	0	0	58	42.7	1149	27	50	27	1.852	1.852	1.000	12.1	22.56
3140	40.8893	116.3267	-191.9	517	OH	0	0	0	0	56	41.0	1116	22	40	42	1.818	0.952	0.524	12.1	22.58
3141	40.8893	116.3261	-191.2	490	OH	0	0	0	0	71	40.4	1133	12	58	46	4.833	1.261	0.261	12.1	22.57
3142	40.8893	116.3255	-193.3	465	OH	0	0	0	0	46	39.9	1284	21	93	67	4.429	1.388	0.313	12.0	22.58
3143	40.8893	116.3250	-197.5	422	OH	0	0	0	0	60	39.0	1302	29	30	101	1.034	0.297	0.287	12.0	22.58
3144	40.8893	116.3244	-194.8	404	OH	0	0	0	0	84	38.6	1307	36	48	83	1.333	0.578	0.434	12.0	22.59
3145	40.8893	116.3238	-196.5	398	OH	0	0	0	0	69	38.4	1281	31	56	64	1.806	0.875	0.484	11.9	22.58
3146	40.8893	116.3232	-196.5	384	OH	0	0	0	0	58	38.1	1240	32	91	35	2.844	2.600	0.914	11.9	22.58
3147	40.8892	116.3227	-195.4	401	OH	0	0	0	0	84	38.5	1298	32	85	39	2.656	2.179	0.821	11.9	22.59
3148	40.8892	116.3221	-198.9	422	OH	0	0	1	0	73	39.0	1269	23	17	101	0.739	0.168	0.228	11.9	22.60
3149	40.8892	116.3215	-201.2	394	OH	0	0	0	0	51	38.4	1272	23	93	72	4.043	1.292	0.319	11.9	22.58
3150	40.8892	116.3210	-202.5	375	OH	0	0	0	0	82	37.9	1301	21	91	74	4.333	1.230	0.284	11.8	22.60

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3151	40.8892	116.3204	-201.7	368	OH	0	0	0	0	57	37.7	1225	26	80	49	3.077	1.633	0.531	11.8	22.59
3152	40.8892	116.3198	-202.0	339	OH	0	0	0	0	55	37.1	1203	24	84	60	3.500	1.400	0.400	11.8	22.58
3153	40.8892	116.3192	-201.8	324	OH	0	0	0	0	59	36.7	1309	36	58	96	1.611	0.604	0.375	11.8	22.61
3154	40.8892	116.3187	-202.5	315	OH	0	0	1	0	66	36.5	1285	50	20	84	0.400	0.238	0.595	11.8	22.57
3155	40.8892	116.3181	-207.7	305	OH	0	0	0	0	72	35.3	1291	54	36	75	0.667	0.480	0.720	11.7	22.57
3156	40.8892	116.3175	-205.6	300	OH	0	0	0	0	50	35.1	1331	31	68	108	2.194	0.630	0.287	11.7	22.57
3157	40.8891	116.3169	-209.0	296	OH	0	0	0	0	55	35.0	1451	32	103	81	3.219	1.272	0.395	11.7	22.57
3158	40.8891	116.3164	-209.2	292	OH	0	0	0	0	50	34.9	1498	47	69	96	1.468	0.719	0.490	11.8	22.55
3159	40.8891	116.3158	-206.0	293	OH	0	0	0	0	80	35.0	1530	36	83	127	2.306	0.654	0.283	11.7	22.55
3160	40.8891	116.3152	-207.1	297	OH	0	0	0	0	49	35.1	1563	49	48	130	0.980	0.369	0.377	11.7	22.55
3161	40.8891	116.3147	-212.0	298	OH	0	0	0	0	79	35.1	1532	43	85	87	1.977	0.977	0.494	11.7	22.54
3162	40.8891	116.3141	-213.1	292	OH	0	0	0	0	50	35.0	1559	39	55	140	1.410	0.393	0.279	11.7	22.57
3163	40.8891	116.3135	-215.3	287	OH	0	0	0	0	54	34.8	1449	31	41	146	1.323	0.281	0.212	11.6	22.55
3164	40.8891	116.3129	-214.7	281	OH	0	0	0	0	66	34.7	1523	28	115	119	4.107	0.966	0.235	11.6	22.56
3165	40.8891	116.3124	-214.4	277	OH	0	0	0	0	59	34.6	1447	50	36	109	0.720	0.330	0.459	11.6	22.57
3166	40.8891	116.3118	-215.2	282	OH	0	0	0	0	71	34.7	1355	34	32	125	0.941	0.256	0.272	11.6	22.56
3167	40.8890	116.3112	-216.0	292	OH	0	0	0	0	38	34.9	1355	39	78	98	2.000	0.796	0.398	11.5	22.55
3168	40.8890	116.3106	-218.5	303	OH	0	0	0	0	57	35.2	1473	35	81	115	2.314	0.704	0.304	11.5	22.55
3169	40.8890	116.3101	-222.5	314	OH	0	0	0	0	59	35.5	1468	39	88	75	2.256	1.173	0.520	11.5	22.57
3170	40.8890	116.3095	-218.7	332	OH	0	0	0	0	67	35.9	1423	39	33	115	0.846	0.287	0.339	11.5	22.58
3171	40.8890	116.3089	-221.8	341	OH	0	0	0	0	70	36.1	1410	29	88	81	3.034	1.086	0.358	11.4	22.55
3172	40.8890	116.3084	-222.5	355	OH	0	0	0	0	57	36.5	1428	55	28	83	0.509	0.337	0.663	11.5	22.57
3173	40.8890	116.3078	-223.8	362	OH	0	0	0	0	56	36.6	1449	39	62	101	1.590	0.614	0.386	11.5	22.59
3174	40.8890	116.3072	-223.8	375	OH	0	0	0	0	56	36.4	1294	32	54	93	1.688	0.581	0.344	11.4	22.59
3175	40.8890	116.3066	-227.4	386	OH	0	0	0	0	69	36.6	1329	26	40	73	1.538	0.548	0.356	11.4	22.61
3176	40.8889	116.3061	-229.1	405	OH	0	0	0	0	66	37.0	1297	31	33	90	1.065	0.367	0.344	11.4	22.63
3177	40.8889	116.3055	-226.6	417	OH	0	0	0	0	60	37.3	1277	35	60	74	1.714	0.811	0.473	11.4	22.61
3178	40.8889	116.3049	-225.1	429	OH	0	0	0	0	66	37.5	1251	36	46	85	1.278	0.541	0.424	11.4	22.64
3179	40.8889	116.3043	-226.8	454	OH	0	0	1	0	61	38.1	1279	36	-38	138	-1.056	-0.275	0.261	11.4	22.65
3180	40.8889	116.3038	-225.2	478	OH	0	0	1	0	70	38.5	1304	30	-7	99	-0.233	-0.071	0.303	11.4	22.67
3181	40.8889	116.3032	-227.0	490	OH	0	0	0	0	52	38.8	1248	31	62	42	2.000	1.476	0.738	11.4	22.69
3182	40.8889	116.3026	-227.1	492	OH	0	0	0	0	56	38.8	1249	19	77	54	4.053	1.426	0.352	11.4	22.71
3183	40.8889	116.3021	-228.4	491	OH	0	0	0	0	49	38.8	1141	20	63	41	3.150	1.537	0.488	11.4	22.75
3184	40.8889	116.3015	-228.8	492	OH	0	0	0	0	66	38.8	1254	25	87	30	3.480	2.900	0.833	11.4	22.74
3185	40.8889	116.3009	-229.2	488	OH	0	0	0	0	69	38.7	1181	21	60	58	2.857	1.034	0.362	11.4	22.77
3186	40.8888	116.3003	-228.6	477	OH	0	0	0	0	73	38.5	1163	23	36	60	1.565	0.600	0.383	11.3	22.81
3187	40.8888	116.2998	-229.0	445	OH	0	0	0	0	67	37.9	1114	12	58	54	4.833	1.074	0.222	11.4	22.83
3188	40.8888	116.2992	-232.5	402	OH	0	0	0	0	50	36.9	1039	27	28	39	1.037	0.718	0.692	11.3	22.83
3189	40.8888	116.2986	-232.0	363	OVI	0	0	0	0	57	36.1	1036	6	95	26	15.833	3.654	0.231	11.3	22.83
3190	40.8888	116.2980	-233.3	337	OVI	0	0	0	0	66	35.5	991	17	27	64	1.588	0.422	0.266	11.4	22.84
3191	40.8888	116.2975	-235.4	334	OVI	0	0	0	0	72	35.4	984	20	73	22	3.650	3.318	0.909	11.3	22.85
3192	40.8888	116.2969	-230.9	351	OVI	0	0	0	0	75	35.8	1017	27	36	28	1.333	1.286	0.964	11.4	22.87
3193	40.8888	116.2963	-229.3	374	OVI	0	1	0	0	54	38.7	1011	29	58	7	2.000	8.286	4.143	11.4	22.87
3194	40.8888	116.2958	-232.9	405	OVI	0	0	0	0	63	39.5	1129	8	95	49	11.875	1.939	0.163	11.4	22.91
3195	40.8888	116.2952	-233.3	440	OVI	0	0	0	0	47	40.2	1212	23	79	60	3.435	1.317	0.383	11.4	22.92
3196	40.8887	116.2946	-231.4	469	OVI	0	0	1	0	76	40.9	1389	38	4	94	0.105	0.043	0.404	11.4	22.94
3197	40.8887	116.2940	-231.9	486	OVI	0	0	0	0	51	41.2	1502	44	74	68	1.682	1.038	0.647	11.4	22.95
3198	40.8887	116.2935	-231.0	489	OVI	0	0	0	0	65	41.3	1484	51	46	79	0.902	0.582	0.646	11.5	22.98
3199	40.8887	116.2929	-231.8	488	OVI	0	0	0	0	66	41.3	1590	31	95	99	3.065	0.960	0.313	11.5	22.99
3200	40.8887	116.2923	-232.7	486	OVI	0	0	0	0	44	41.2	1763	54	68	143	1.259	0.476	0.378	11.5	23.01
3201	40.8887	116.2917	-233.1	481	OVI	0	0	0	0	65	41.1	1751	54	67	113	1.241	0.593	0.478	11.5	23.01
3202	40.8887	116.2912	-232.8	472	QOA3	0	0	0	0	57	40.9	1728	61	83	124	1.361	0.669	0.492	11.6	23.04
3203	40.8887	116.2906	-233.6	452	QOA3	0	0	0	0	54	40.5	1745	41	131	118	3.195	1.110	0.347	11.6	23.05
3204	40.8887	116.2900	-233.9	430	QOA3	0	0	0	0	62	40.0	1729	37	142	106	3.838	1.340	0.349	11.7	23.07

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3205	40.8887	116.2895	-235.1	417	QOA3	0	0	0	0	48	39.7	1715	52	125	99	2.404	1.263	0.525	11.7	23.09
3206	40.8886	116.2889	-236.9	400	QOA3	0	0	0	0	54	39.4	1683	61	33	127	0.541	0.260	0.480	11.7	23.09
3207	40.8886	116.2883	-237.9	385	QOA3	0	0	0	0	58	39.0	1732	42	108	141	2.571	0.766	0.298	11.8	23.11
3208	40.8886	116.2877	-240.4	368	QOA3	0	0	0	0	65	38.6	1719	39	63	167	1.615	0.377	0.234	11.9	23.12
3209	40.8886	116.2872	-241.1	358	QOA3	0	0	0	0	66	38.4	1699	54	108	124	2.000	0.871	0.435	12.0	23.12
3210	40.8886	116.2866	-239.3	350	QOA3	0	0	0	0	47	38.1	1795	54	74	155	1.370	0.477	0.348	12.1	23.15
3211	40.8886	116.2860	-242.0	335	QOA3	0	0	0	0	63	37.8	1674	51	59	131	1.157	0.450	0.389	12.2	23.15
3212	40.8886	116.2855	-244.2	326	QOA3	0	0	0	0	54	37.5	1581	37	134	91	3.622	1.473	0.407	12.3	23.15
3213	40.8886	116.2849	-245.8	330	QOA3	0	0	0	0	63	37.5	1663	42	127	99	3.024	1.283	0.424	12.3	23.15
3214	40.8886	116.2843	-249.2	333	QOA3	0	0	0	0	57	37.6	1651	50	68	134	1.360	0.507	0.373	12.4	23.15
3215	40.8886	116.2837	-250.7	342	QOA3	0	0	0	0	60	37.8	1718	61	141	93	2.311	1.516	0.656	12.5	23.16
3216	40.8885	116.2832	-250.7	358	QOA3	0	0	0	0	43	38.2	1860	57	145	121	2.544	1.198	0.471	12.5	23.17
3217	40.8885	116.2826	-249.7	370	QOA3	0	0	0	0	58	38.5	1797	40	160	95	4.000	1.684	0.421	12.6	23.19
3218	40.8885	116.2820	-248.0	371	QOA3	0	0	0	0	60	38.5	1811	35	158	130	4.514	1.215	0.269	12.7	23.19
3219	40.8885	116.2814	-254.2	370	QOA3	0	0	0	0	54	38.5	1872	37	199	106	5.378	1.877	0.349	12.7	23.19
3220	40.8885	116.2809	-255.9	383	QOA3	0	0	0	0	55	38.8	1801	43	193	99	4.488	1.949	0.434	12.7	23.21
3221	40.8885	116.2803	-255.8	411	QOA3	0	0	0	0	56	39.5	1972	47	152	129	3.234	1.178	0.364	12.8	23.21
3222	40.8885	116.2797	-257.9	419	QOA3	0	0	0	0	53	39.7	2035	59	177	116	3.000	1.526	0.509	12.9	23.24
3223	40.8885	116.2792	-256.8	416	QOA3	0	0	0	0	54	39.6	1908	48	195	78	4.063	2.500	0.615	12.9	23.23
3224	40.8885	116.2786	-256.8	419	QOA3	0	0	0	0	51	39.7	1964	55	150	92	2.727	1.630	0.598	13.0	23.25
3225	40.8884	116.2780	-257.1	437	QOA3	0	0	0	0	54	40.1	1949	44	163	126	3.705	1.294	0.349	13.0	23.28
3226	40.8884	116.2774	-255.6	443	QOA3	0	0	0	0	53	40.2	1855	51	102	140	2.000	0.729	0.364	13.0	23.30
3227	40.8884	116.2769	-254.5	443	QOA3	0	0	0	0	58	40.2	1953	50	159	91	3.180	1.747	0.549	13.1	23.31
3228	40.8884	116.2763	-247.7	436	QOA3	0	0	0	0	62	40.0	1917	74	88	134	1.189	0.657	0.552	13.1	23.32
3229	40.8884	116.2757	-239.7	424	QOA3	0	0	0	0	48	39.8	1950	49	190	127	3.878	1.496	0.386	13.1	23.37
3230	40.8884	116.2751	-241.4	410	QOA3	0	0	0	0	59	39.4	1925	55	112	119	2.036	0.941	0.462	13.1	23.37
3231	40.8884	116.2746	-238.4	395	QOA3	0	0	0	0	51	38.2	1778	56	134	107	2.393	1.252	0.523	13.2	23.39
3232	40.8884	116.2740	-237.9	378	QOA3	0	0	0	0	56	37.8	1835	58	142	122	2.448	1.164	0.475	13.2	23.40
3233	40.8884	116.2734	-240.8	368	QOA3	0	0	0	0	62	37.6	1879	31	234	105	7.548	2.229	0.295	13.3	23.43
3234	40.8884	116.2729	-242.0	359	QOA3	0	0	0	0	50	37.4	1911	55	199	112	3.618	1.777	0.491	13.4	23.45
3235	40.8883	116.2723	-243.0	353	QOA3	0	0	0	0	62	37.2	1920	62	149	102	2.403	1.461	0.608	13.4	23.47
3236	40.8883	116.2717	-240.3	354	QOA3	0	0	0	0	44	37.2	1815	46	122	128	2.652	0.953	0.359	13.5	23.48
3237	40.8883	116.2711	-238.9	355	QOA3	0	0	0	0	56	37.3	1792	54	57	168	1.056	0.339	0.321	13.6	23.48
3238	40.8883	116.2706	-239.3	354	QTSU	0	0	0	0	47	37.2	1727	55	70	165	1.273	0.424	0.333	13.6	23.49
3239	40.8883	116.2700	-239.1	359	QTSU	0	0	0	0	48	37.4	1806	58	98	141	1.690	0.695	0.411	13.8	23.50
3240	40.8883	116.2694	-238.7	359	QTSU	0	0	0	0	60	37.4	1757	40	131	127	3.275	1.031	0.315	13.7	23.50
3241	40.8883	116.2688	-235.6	364	QTSU	0	0	0	0	38	37.5	1724	26	180	99	6.923	1.818	0.263	13.8	23.51
3242	40.8883	116.2683	-236.4	372	QTSU	0	0	0	0	65	37.7	1755	43	105	125	2.442	0.840	0.344	13.8	23.51
3243	40.8883	116.2677	-233.9	383	QTSU	0	0	0	0	66	37.9	1797	42	131	105	3.119	1.248	0.400	13.9	23.50
3244	40.8883	116.2671	-231.7	391	QTSU	0	0	0	0	50	38.1	1755	37	139	129	3.757	1.078	0.287	13.9	23.51
3245	40.8882	116.2666	-231.5	398	QTSU	0	0	0	0	58	38.3	1852	55	78	132	1.418	0.591	0.417	13.9	23.51
3246	40.8882	116.2660	-230.0	405	QTSU	0	0	0	0	70	38.4	1780	52	155	65	2.981	2.385	0.800	13.9	23.51
3247	40.8882	116.2654	-230.4	409	QTSU	0	0	0	0	63	38.5	1831	50	56	156	1.120	0.359	0.321	13.9	23.49
3248	40.8882	116.2648	-231.0	413	QTSU	0	0	0	0	43	38.6	1914	55	123	155	2.236	0.794	0.355	13.9	23.51
3249	40.8882	116.2643	-230.8	417	QTSU	0	0	0	0	44	38.7	1858	53	133	133	2.509	1.000	0.398	13.9	23.50
3250	40.8882	116.2637	-232.2	419	QTSU	0	0	0	0	48	34.0	1853	66	85	159	1.288	0.535	0.415	13.9	23.50
3251	40.8882	116.2631	-232.3	421	QTSU	0	0	0	0	54	34.0	1923	50	129	141	2.580	0.915	0.355	13.9	23.50
3252	40.8882	116.2625	-233.4	418	QTSU	0	0	0	0	36	34.0	1913	55	126	162	2.291	0.778	0.340	13.9	23.50
3253	40.8882	116.2620	-234.1	414	QTSU	0	0	0	0	68	33.9	1923	52	156	99	3.000	1.576	0.525	13.9	23.49
3254	40.8882	116.2614	-233.0	409	QTSU	0	0	0	0	41	33.8	1925	65	113	160	1.738	0.706	0.406	13.8	23.50
3255	40.8881	116.2608	-236.4	403	QTSU	0	0	0	0	54	33.7	1902	54	127	148	2.352	0.858	0.365	13.8	23.50
3256	40.8881	116.2603	-236.0	401	QTSU	0	0	0	0	53	33.7	1921	67	127	131	1.896	0.969	0.511	13.9	23.52
3257	40.8881	116.2597	-235.9	397	QTSU	0	0	0	0	42	33.6	1871	52	108	185	2.077	0.584	0.281	13.9	23.51
3258	40.8881	116.2591	-237.8	398	QTSU	0	0	0	0	44	33.6	1952	67	124	134	1.851	0.925	0.500	13.9	23.51

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3259	40.8881	116.2585	-237.1	399	QTSU	0	0	0	0	51	33.6	1998	71	158	120	2.225	1.317	0.592	13.9	23.54
3260	40.8881	116.2580	-236.2	403	QTSU	0	0	0	0	44	33.7	1939	51	117	178	2.294	0.657	0.287	13.9	23.53
3261	40.8881	116.2574	-241.3	408	QTSU	0	0	0	0	46	33.8	1911	53	140	133	2.642	1.053	0.398	14.0	23.53
3262	40.8881	116.2568	-238.6	412	QTSU	0	0	0	0	70	33.9	2035	50	101	185	2.020	0.546	0.270	14.1	23.55
3263	40.8881	116.2562	-237.7	416	QTSU	0	0	0	0	55	34.0	1902	52	94	161	1.808	0.584	0.323	14.1	23.54
3264	40.8881	116.2557	-241.6	419	QTSU	0	0	0	0	54	34.0	1996	45	148	171	3.289	0.865	0.263	14.1	23.54
3265	40.8880	116.2551	-240.5	417	QTSU	0	0	0	0	57	34.0	1873	54	170	102	3.148	1.667	0.529	14.1	23.55
3266	40.8880	116.2545	-245.1	417	QTSU	0	0	0	0	63	34.0	1981	49	141	155	2.878	0.910	0.316	14.1	23.57
3267	40.8880	116.2540	-245.0	413	QTSU	0	0	0	0	43	33.9	1915	52	121	147	2.327	0.823	0.354	14.1	23.58
3268	40.8880	116.2534	-246.6	410	QTSU	0	0	0	0	73	33.8	1956	54	98	165	1.815	0.594	0.327	14.1	23.58
3269	40.8880	116.2528	-250.4	413	QTSU	0	0	0	0	47	32.4	1987	41	130	213	3.171	0.610	0.192	14.2	23.58
3270	40.8880	116.2522	-244.1	409	QTSU	0	0	0	0	60	32.3	1930	51	99	170	1.941	0.582	0.300	14.1	23.58
3271	40.8880	116.2517	-245.0	404	QA2	0	0	0	0	42	32.2	1985	44	105	220	2.386	0.477	0.200	14.1	23.58
3272	40.8880	116.2511	-249.9	400	QA2	0	0	0	0	47	32.1	1955	54	101	196	1.870	0.515	0.276	14.1	23.57
3273	40.8880	116.2505	-250.0	396	QA2	0	0	0	0	47	32.0	1958	62	111	152	1.790	0.730	0.408	14.1	23.57
3274	40.8880	116.2500	-255.5	388	QA2	0	0	0	0	60	31.9	1862	40	107	172	2.675	0.622	0.233	14.1	23.58
3275	40.8879	116.2494	-257.7	373	QA2	0	0	0	0	54	31.6	1995	57	182	139	3.193	1.309	0.410	14.1	23.56
3276	40.8879	116.2488	-259.8	373	QA2	0	0	0	0	46	31.6	1833	66	117	127	1.773	0.921	0.520	14.1	23.56
3277	40.8879	116.2482	-258.7	375	QA2	0	0	0	0	52	31.6	1857	49	108	177	2.204	0.610	0.277	14.1	23.57
3278	40.8879	116.2477	-253.8	375	QA2	0	0	0	0	56	31.6	1973	49	152	168	3.102	0.905	0.292	14.0	23.56
3279	40.8879	116.2471	-259.2	377	QA2	0	0	0	0	54	31.7	1886	37	153	161	4.135	0.950	0.230	14.0	23.56
3280	40.8879	116.2465	-257.4	370	QTSU	0	0	0	0	50	31.5	1905	35	145	182	4.143	0.797	0.192	14.0	23.57
3281	40.8879	116.2459	-259.3	360	QTSU	0	0	0	0	64	31.3	1850	41	125	153	3.049	0.817	0.268	14.0	23.59
3282	40.8879	116.2454	-260.9	361	QTSU	0	0	0	0	37	31.4	1887	59	108	146	1.831	0.740	0.404	14.1	23.59
3283	40.8879	116.2448	-258.5	370	QTSU	0	0	0	0	57	31.5	1956	58	93	187	1.603	0.497	0.310	14.0	23.58
3284	40.8878	116.2442	-260.8	374	QTSU	0	0	0	0	53	31.6	1920	50	190	127	3.800	1.496	0.394	14.1	23.60
3285	40.8878	116.2437	-264.6	377	QTSU	0	0	0	0	42	31.7	1984	49	153	158	3.122	0.968	0.310	14.2	23.60
3286	40.8878	116.2431	-263.0	380	QTSU	0	0	0	0	69	31.7	1919	33	131	161	3.970	0.814	0.205	14.3	23.63
3287	40.8878	116.2425	-263.8	385	QTSU	0	0	0	0	43	31.8	1918	47	138	169	2.936	0.817	0.278	14.2	23.60
3288	40.8878	116.2419	-262.9	392	QTSU	0	0	0	0	43	30.6	1942	52	94	184	1.808	0.511	0.283	14.2	23.59
3289	40.8878	116.2414	-262.6	400	QTSU	0	0	0	0	56	30.7	1883	34	86	221	2.529	0.389	0.154	14.3	23.58
3290	40.8878	116.2408	-262.7	409	QTSU	0	0	0	0	53	30.9	1920	56	115	173	2.054	0.665	0.324	14.3	23.60
3291	40.8878	116.2402	-265.5	415	QTSU	0	0	0	0	53	31.0	1951	53	85	190	1.604	0.447	0.279	14.3	23.59
3292	40.8878	116.2396	-264.8	420	QTSU	0	0	0	0	47	31.1	1994	45	159	176	3.533	0.903	0.256	14.3	23.58
3293	40.8878	116.2391	-268.4	422	QTSU	0	0	0	0	47	31.1	1878	64	113	137	1.766	0.825	0.467	14.3	23.59
3294	40.8878	116.2385	-267.6	426	QTSU	0	0	0	0	49	31.2	1933	55	153	124	2.782	1.234	0.444	14.4	23.59
3295	40.8878	116.2379	-269.4	432	QTSU	0	0	0	0	56	31.3	1872	45	72	207	1.600	0.348	0.217	14.4	23.59
3296	40.8878	116.2373	-270.0	430	QTSU	0	0	0	0	65	31.2	1935	41	133	171	3.244	0.778	0.240	14.3	23.59
3297	40.8878	116.2367	-268.6	414	QTSU	0	0	0	0	33	31.0	1825	53	60	194	1.132	0.309	0.273	14.3	23.59
3298	40.8879	116.2362	-268.4	389	QTSU	0	0	0	0	57	30.5	1780	45	113	154	2.457	0.734	0.299	14.3	23.57
3299	40.8879	116.2356	-268.7	370	QTSU	0	0	0	0	50	30.2	1736	41	111	146	2.707	0.760	0.281	14.3	23.57
3300	40.8879	116.2350	-269.3	374	QTSU	0	0	0	0	51	30.2	1818	64	53	156	0.828	0.340	0.410	14.3	23.57
3301	40.8879	116.2344	-270.6	381	QTSU	0	0	0	0	54	30.4	1856	41	112	188	2.732	0.596	0.218	14.3	23.58
3302	40.8879	116.2338	-273.4	389	QTSU	0	0	0	0	51	30.5	1850	58	108	177	1.862	0.610	0.328	14.2	23.56
3303	40.8879	116.2333	-272.3	396	QTSU	0	0	0	0	51	30.6	1899	47	138	177	2.936	0.780	0.266	14.3	23.58
3304	40.8880	116.2327	-277.6	401	QTSU	0	0	0	0	52	30.7	1908	57	118	155	2.070	0.761	0.368	14.2	23.57
3305	40.8880	116.2321	-278.0	403	QTSU	0	0	0	0	48	30.8	1900	53	114	135	2.151	0.844	0.393	14.1	23.57
3306	40.8880	116.2315	-274.1	405	QTSU	0	0	0	0	53	30.8	1929	70	88	156	1.257	0.564	0.449	14.2	23.55
3307	40.8880	116.2309	-274.2	407	QTSU	0	0	0	0	49	32.9	1884	68	134	112	1.971	1.196	0.607	14.1	23.56
3308	40.8880	116.2304	-276.1	409	QTSU	0	0	0	0	52	32.9	1803	56	115	134	2.054	0.858	0.418	14.2	23.58
3309	40.8880	116.2298	-276.9	410	QTSU	0	0	0	0	53	33.0	1976	65	100	162	1.538	0.617	0.401	14.1	23.56
3310	40.8881	116.2292	-276.3	409	QTSU	0	0	0	0	57	32.9	1949	87	62	137	0.713	0.453	0.635	14.1	23.56
3311	40.8881	116.2286	-276.5	407	QTSU	0	0	0	0	43	32.9	1897	65	71	198	1.092	0.359	0.328	14.1	23.57
3312	40.8881	116.2280	-277.9	400	QTSU	0	0	0	0	58	32.8	1967	70	92	177	1.314	0.520	0.395	14.1	23.57

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3313	40.8881	116.2275	-278.6	398	QTSU	0	0	0	0	53	32.7	1974	53	127	177	2.396	0.718	0.299	14.1	23.57
3314	40.8881	116.2269	-281.2	396	QTSU	0	0	0	0	53	32.7	2047	45	140	172	3.111	0.814	0.262	14.1	23.58
3315	40.8881	116.2263	-279.6	392	QTSU	0	0	0	0	39	32.6	1944	46	116	199	2.522	0.583	0.231	14.2	23.58
3316	40.8881	116.2257	-279.3	389	QTSU	0	0	0	0	33	32.5	1913	45	170	152	3.778	1.118	0.296	14.2	23.58
3317	40.8882	116.2251	-279.7	387	QTSU	0	0	0	0	62	32.5	1870	53	102	177	1.925	0.576	0.299	14.2	23.55
3318	40.8882	116.2246	-281.8	389	QTSU	0	0	0	0	43	32.5	1928	39	126	169	3.231	0.746	0.231	14.1	23.59
3319	40.8882	116.2240	-280.6	396	QTSU	0	0	0	0	52	32.7	1833	39	61	211	1.564	0.289	0.185	14.1	23.57
3320	40.8882	116.2234	-284.0	401	QTSU	0	0	0	0	54	32.8	1776	49	70	181	1.429	0.387	0.271	14.2	23.57
3321	40.8882	116.2228	-283.7	387	QTSU	0	0	1	0	45	32.5	1803	63	0	208	0.016	0.005	0.303	14.2	23.56
3322	40.8882	116.2222	-281.4	355	QTSU	0	0	0	0	50	31.9	1715	31	184	120	5.935	1.533	0.258	14.1	23.53
3323	40.8883	116.2217	-278.3	347	QTSU	0	0	0	0	47	31.7	1659	54	117	136	2.167	0.860	0.397	14.1	23.53
3324	40.8883	116.2211	-276.9	329	QTSU	0	0	0	0	55	31.4	1671	40	120	174	3.000	0.690	0.230	14.1	23.51
3325	40.8883	116.2205	-277.2	308	QTSU	0	0	0	0	45	30.9	1600	51	42	167	0.824	0.251	0.305	14.2	23.51
3326	40.8883	116.2199	-277.5	289	QTSU	0	0	0	0	54	31.5	1510	35	58	135	1.657	0.430	0.259	14.2	23.48
3327	40.8883	116.2193	-278.8	300	QTSU	0	0	0	0	50	31.7	1604	43	76	143	1.767	0.531	0.301	14.2	23.43
3328	40.8883	116.2188	-277.8	339	QTSU	0	0	0	0	64	32.5	1697	35	110	158	3.143	0.696	0.222	14.2	23.43
3329	40.8884	116.2182	-279.4	374	QTSU	0	0	0	0	49	33.3	1703	53	67	163	1.264	0.411	0.325	14.2	23.42
3330	40.8884	116.2176	-279.1	400	QTSU	0	0	0	0	46	33.8	1767	40	124	149	3.100	0.832	0.268	14.2	23.43
3331	40.8884	116.2170	-280.1	417	QTSU	0	0	0	0	50	34.1	1834	36	152	167	4.222	0.910	0.216	14.2	23.45
3332	40.8884	116.2164	-281.3	428	QTSU	0	0	0	0	51	34.3	1802	64	86	152	1.344	0.566	0.421	14.2	23.46
3333	40.8884	116.2159	-282.7	427	QTSU	0	0	0	0	42	34.3	1755	41	100	180	2.439	0.556	0.228	14.1	23.45
3334	40.8884	116.2153	-283.9	425	QTSU	0	0	0	0	57	34.3	1783	38	59	201	1.553	0.294	0.189	14.1	23.47
3335	40.8885	116.2147	-284.5	432	QTSU	0	0	0	0	61	34.4	1789	49	96	140	1.959	0.686	0.350	14.1	23.46
3336	40.8885	116.2141	-283.8	407	QTSU	0	0	0	0	70	33.9	1807	39	118	151	3.026	0.781	0.258	14.1	23.49
3337	40.8885	116.2135	-283.1	386	QTSU	0	0	0	0	56	33.5	1662	62	66	116	1.065	0.569	0.534	14.0	23.48
3338	40.8885	116.2130	-279.6	380	QTSU	0	0	0	0	48	33.4	1815	61	64	175	1.049	0.366	0.349	14.1	23.50
3339	40.8885	116.2124	-278.2	376	QTSU	0	0	0	0	43	33.3	1740	40	113	156	2.825	0.724	0.256	14.0	23.49
3340	40.8885	116.2118	-276.9	373	QTSU	0	0	0	0	55	33.3	1689	36	132	146	3.667	0.904	0.247	14.0	23.50
3341	40.8886	116.2112	-274.2	378	QTSU	0	0	0	0	46	33.3	1754	39	101	176	2.590	0.574	0.222	14.0	23.51
3342	40.8886	116.2106	-274.2	399	QTSU	0	0	0	0	47	33.8	1765	44	102	182	2.318	0.560	0.242	14.0	23.52
3343	40.8886	116.2101	-276.3	429	QTSU	0	0	0	0	55	34.4	1845	53	132	137	2.491	0.964	0.387	13.9	23.52
3344	40.8886	116.2095	-279.8	448	QTSU	0	0	0	0	57	34.7	1921	50	144	153	2.880	0.941	0.327	13.9	23.50
3345	40.8886	116.2089	-278.6	456	QTSU	0	0	0	0	63	36.4	1903	53	110	148	2.075	0.743	0.358	13.9	23.51
3346	40.8886	116.2083	-280.7	457	QTSU	0	0	0	0	52	36.5	1845	63	90	132	1.429	0.634	0.444	13.9	23.52
3347	40.8886	116.2077	-278.9	453	QTSU	0	0	0	0	47	36.4	1900	57	93	182	1.632	0.511	0.313	13.8	23.53
3348	40.8887	116.2072	-284.3	446	QTSU	0	0	0	0	56	36.2	1915	22	259	92	11.773	2.815	0.239	13.9	23.51
3349	40.8887	116.2066	-280.2	442	QTSU	0	0	0	0	48	36.1	1898	59	58	204	0.983	0.284	0.289	13.8	23.53
3350	40.8887	116.2060	-283.4	436	QTSU	0	0	0	0	51	36.0	1947	68	126	138	1.853	0.913	0.493	13.8	23.54
3351	40.8887	116.2054	-283.3	432	QTSU	0	0	0	0	49	35.9	1906	67	105	115	1.567	0.913	0.583	13.9	23.57
3352	40.8887	116.2048	-282.3	428	QTSU	0	0	0	0	47	35.9	1943	60	126	147	2.100	0.857	0.408	13.8	23.55
3353	40.8887	116.2043	-279.0	413	QTSU	0	0	0	0	52	35.6	1946	72	128	106	1.778	1.208	0.679	13.9	23.58
3354	40.8888	116.2037	-279.1	393	QTSU	0	0	0	0	49	35.2	1814	55	99	165	1.800	0.600	0.333	13.9	23.58
3355	40.8888	116.2031	-274.8	381	QTSU	0	0	0	0	41	34.9	1854	70	67	174	0.957	0.385	0.402	13.9	23.60
3356	40.8888	116.2025	-277.2	377	QTSU	0	0	0	0	44	34.8	1875	44	127	166	2.886	0.765	0.265	13.9	23.59
3357	40.8888	116.2019	-274.9	375	QTSU	0	0	0	0	52	34.8	1945	56	96	168	1.714	0.571	0.333	14.0	23.58
3358	40.8888	116.2014	-276.0	372	QTSU	0	0	0	0	54	34.7	1879	46	191	123	4.152	1.553	0.374	14.0	23.59
3359	40.8888	116.2008	-276.2	371	QTSU	0	0	0	0	48	34.7	1893	64	95	160	1.484	0.594	0.400	14.0	23.58
3360	40.8889	116.2002	-279.0	377	QTSU	0	0	0	0	38	34.8	1975	64	100	183	1.563	0.546	0.350	14.0	23.60
3361	40.8889	116.1996	-278.1	381	QTSU	0	0	0	0	46	34.9	1973	62	105	190	1.694	0.553	0.326	14.0	23.59
3362	40.8889	116.1990	-276.5	383	QTSU	0	0	0	0	57	34.9	1949	70	80	185	1.143	0.432	0.378	14.0	23.60
3363	40.8889	116.1985	-271.2	373	QTSU	0	0	0	0	37	34.7	1876	33	165	163	5.000	1.012	0.202	14.1	23.58
3364	40.8889	116.1979	-274.2	362	QTSU	0	0	0	0	57	34.5	1894	58	119	143	2.052	0.832	0.406	14.1	23.60
3365	40.8889	116.1973	-274.3	364	QTSU	0	0	0	0	60	34.5	1893	41	135	184	3.293	0.734	0.223	14.1	23.60
3366	40.8890	116.1967	-276.6	366	QTSU	0	0	0	0	61	34.6	1830	63	76	167	1.206	0.455	0.377	14.1	23.61

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3367	40.8890	116.1961	-278.5	370	QTSU	0	0	0	0	41	34.6	1834	64	147	108	2.297	1.361	0.593	14.1	23.60
3368	40.8890	116.1956	-277.5	379	QTSU	0	0	0	0	58	34.8	1846	60	85	159	1.417	0.535	0.377	14.1	23.59
3369	40.8890	116.1950	-282.8	401	QTSU	0	0	0	0	41	35.3	1896	63	163	94	2.587	1.734	0.670	14.2	23.59
3370	40.8890	116.1944	-282.8	408	QA2	0	0	0	0	52	35.4	1920	52	122	143	2.346	0.853	0.364	14.2	23.59
3371	40.8890	116.1938	-282.2	411	QA2	0	0	0	0	38	35.5	1867	47	156	135	3.319	1.156	0.348	14.2	23.59
3372	40.8890	116.1932	-283.1	413	QA2	0	0	0	0	49	35.5	1827	58	111	141	1.914	0.787	0.411	14.3	23.59
3373	40.8891	116.1927	-282.7	413	QA2	0	0	0	0	33	35.5	1839	59	57	214	0.966	0.266	0.276	14.3	23.60
3374	40.8891	116.1921	-283.5	415	QA2	0	0	0	0	51	35.6	1891	57	102	190	1.789	0.537	0.300	14.3	23.60
3375	40.8891	116.1915	-287.7	419	QA2	0	0	0	0	44	35.7	1856	48	82	186	1.708	0.441	0.258	14.3	23.60
3376	40.8891	116.1908	-284.5	422	QA2	0	0	0	0	66	35.7	1730	30	131	139	4.367	0.942	0.216	14.3	23.58
3377	40.8891	116.1902	-282.3	430	QA2	0	0	0	0	37	35.9	1746	42	82	182	1.952	0.451	0.231	14.4	23.61
3378	40.8890	116.1896	-280.6	436	QA2	0	0	0	0	36	36.0	1741	41	107	134	2.610	0.799	0.306	14.5	23.60
3379	40.8890	116.1890	-281.2	440	QA2	0	0	0	0	48	36.1	1660	35	102	162	2.914	0.630	0.216	14.4	23.57
3380	40.8890	116.1884	-282.3	445	QA2	0	0	0	0	47	36.2	1535	33	164	70	4.970	2.343	0.471	14.5	23.58
3381	40.8890	116.1877	-289.4	448	QA2	0	0	0	0	57	36.2	1574	48	42	131	0.875	0.321	0.366	14.5	23.57
3382	40.8890	116.1871	-290.3	452	QA2	0	0	0	0	49	36.3	1556	34	82	127	2.412	0.646	0.268	14.5	23.55
3383	40.8890	116.1865	-289.7	450	QA2	0	0	0	0	57	39.6	1415	27	103	116	3.815	0.888	0.233	14.5	23.59
3384	40.8890	116.1859	-288.8	447	QA2	0	0	0	0	52	39.5	1405	22	75	81	3.409	0.926	0.272	14.6	23.60
3385	40.8890	116.1852	-288.7	443	QA2	0	0	0	0	56	39.4	1309	9	52	83	5.778	0.627	0.108	14.6	23.58
3386	40.8890	116.1846	-289.6	442	QA2	0	0	0	0	36	39.4	1308	25	74	88	2.960	0.841	0.284	14.7	23.59
3387	40.8889	116.1840	-293.8	440	QA2	0	0	0	0	62	39.3	1388	35	41	84	1.171	0.488	0.417	14.6	23.57
3388	40.8889	116.1834	-294.7	437	QA2	0	0	0	0	47	39.3	1530	33	97	87	2.939	1.115	0.379	14.7	23.59
3389	40.8889	116.1828	-293.6	433	QA2	0	0	0	0	52	39.2	1638	32	72	171	2.250	0.421	0.187	14.7	23.60
3390	40.8889	116.1821	-294.2	431	QA2	0	0	0	0	49	39.2	1815	60	63	178	1.050	0.354	0.337	14.7	23.60
3391	40.8889	116.1815	-295.6	427	QA2	0	0	0	0	51	39.1	1916	55	89	181	1.618	0.492	0.304	14.7	23.59
3392	40.8889	116.1809	-293.8	419	QA2	0	0	0	0	58	38.9	1960	51	95	199	1.863	0.477	0.256	14.7	23.60
3393	40.8889	116.1803	-292.8	379	QA2	0	0	0	0	66	38.0	1968	53	101	175	1.906	0.577	0.303	14.7	23.59
3394	40.8889	116.1796	-294.1	360	QA2	0	0	0	0	55	37.5	1937	65	113	176	1.738	0.642	0.369	14.7	23.61
3395	40.8889	116.1790	-292.3	351	QTSU	0	0	0	0	53	37.3	1950	50	66	225	1.320	0.293	0.222	14.7	23.59
3396	40.8889	116.1784	-283.7	339	QTSU	0	0	0	0	49	37.0	1900	58	67	174	1.155	0.385	0.333	14.7	23.60
3397	40.8888	116.1778	-279.8	344	QTSU	0	0	0	0	52	37.2	1953	65	137	155	2.108	0.884	0.419	14.7	23.60
3398	40.8888	116.1772	-274.4	351	QTSU	0	0	0	0	44	37.3	1882	52	114	194	2.192	0.588	0.268	14.7	23.56
3399	40.8888	116.1765	-272.1	373	QTSU	0	0	0	0	67	37.8	1982	48	131	142	2.729	0.923	0.338	14.7	23.55
3400	40.8888	116.1759	-272.2	403	QTSU	0	0	0	0	35	38.5	1993	62	158	159	2.548	0.994	0.390	14.8	23.55
3401	40.8888	116.1753	-276.3	415	QTSU	0	0	0	0	51	38.8	1982	51	111	200	2.176	0.555	0.255	14.8	23.53
3402	40.8888	116.1747	-281.2	412	QTSU	0	0	0	0	58	41.9	2007	63	82	178	1.302	0.461	0.354	14.8	23.55
3403	40.8888	116.1741	-284.8	410	QTSU	0	0	0	0	54	41.9	2024	62	96	183	1.548	0.525	0.339	14.8	23.54
3404	40.8888	116.1734	-287.3	420	QTSU	0	0	0	0	64	42.1	1974	66	70	192	1.061	0.365	0.344	14.8	23.51
3405	40.8888	116.1728	-286.2	425	QA2	0	0	0	0	44	42.2	2007	70	96	180	1.371	0.533	0.389	14.9	23.51
3406	40.8888	116.1722	-285.8	428	QA2	0	0	0	0	46	42.3	2028	63	151	152	2.397	0.993	0.414	14.9	23.53
3407	40.8887	116.1716	-283.6	432	QA2	0	0	0	0	55	42.4	2001	60	92	160	1.533	0.575	0.375	14.9	23.55
3408	40.8887	116.1709	-282.5	429	QA2	0	0	0	0	52	42.3	1998	35	152	182	4.343	0.835	0.192	14.8	23.51
3409	40.8887	116.1703	-278.6	429	QA2	0	0	0	0	43	42.3	2074	64	108	176	1.688	0.614	0.364	14.8	23.52
3410	40.8887	116.1697	-285.8	431	QA2	0	0	0	0	41	42.4	2041	73	49	201	0.671	0.244	0.363	14.8	23.54
3411	40.8887	116.1691	-285.8	436	QA2	0	0	1	0	55	42.5	2004	70	13	215	0.186	0.060	0.326	14.7	23.53
3412	40.8887	116.1685	-289.5	437	QA2	0	0	0	0	54	42.5	2040	52	183	126	3.519	1.452	0.413	14.8	23.54
3413	40.8887	116.1678	-292.3	442	QA2	0	0	0	0	54	42.6	2033	65	95	187	1.462	0.508	0.348	14.8	23.53
3414	40.8887	116.1672	-297.8	455	QA2	0	0	0	0	44	42.9	1920	67	95	148	1.418	0.642	0.453	14.7	23.52
3415	40.8887	116.1666	-300.9	463	QTSU	0	0	0	0	59	43.1	1988	38	97	197	2.553	0.492	0.193	14.8	23.52
3416	40.8887	116.1660	-300.0	462	QTSU	0	0	0	0	54	43.1	2064	40	140	192	3.500	0.729	0.208	14.7	23.51
3417	40.8886	116.1654	-300.5	456	QTSU	0	0	0	0	54	42.9	1893	28	126	183	4.500	0.689	0.153	14.8	23.49
3418	40.8886	116.1647	-301.6	423	QTSU	0	0	0	0	41	42.2	1881	46	155	164	3.370	0.945	0.280	14.8	23.51
3419	40.8886	116.1641	-302.3	390	QTSU	0	0	0	0	46	41.4	1849	49	153	138	3.122	1.109	0.355	14.7	23.52
3420	40.8886	116.1635	-304.8	374	QTSU	0	0	0	0	41	41.0	1860	47	164	158	3.489	1.038	0.297	14.7	23.51

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3421	40.8886	116.1629	-303.1	383	QTSU	0	0	0	0	49	38.6	1919	46	101	211	2.196	0.479	0.218	14.7	23.51
3422	40.8886	116.1622	-297.6	420	QTSU	0	0	0	0	51	39.5	2111	47	118	242	2.511	0.488	0.194	14.7	23.51
3423	40.8886	116.1616	-296.9	431	QTSU	0	0	0	0	53	39.7	2102	42	100	267	2.381	0.375	0.157	14.7	23.51
3424	40.8886	116.1610	-293.1	428	QTSU	0	0	0	0	53	39.6	2022	60	63	239	1.050	0.264	0.251	14.7	23.53
3425	40.8886	116.1604	-293.3	419	QTSU	0	0	0	0	51	39.4	2057	58	92	190	1.586	0.484	0.305	14.6	23.53
3426	40.8886	116.1598	-292.7	421	QTSU	0	0	0	0	43	39.5	2030	67	68	203	1.015	0.335	0.330	14.6	23.51
3427	40.8885	116.1591	-292.8	418	WF	0	0	0	0	54	39.4	2066	50	98	212	1.960	0.462	0.236	14.6	23.51
3428	40.8885	116.1585	-295.4	417	WF	0	0	0	0	52	39.4	1998	47	163	145	3.468	1.124	0.324	14.6	23.51
3429	40.8885	116.1579	-291.0	427	WF	0	0	0	0	41	39.6	2097	51	172	170	3.373	1.012	0.300	14.6	23.52
3430	40.8885	116.1573	-294.0	435	WF	0	0	0	0	52	39.8	2114	59	111	188	1.881	0.590	0.314	14.6	23.49
3431	40.8885	116.1566	-290.5	428	WF	0	0	0	0	57	39.6	2096	62	91	163	1.468	0.558	0.380	14.6	23.51
3432	40.8885	116.1560	-290.1	432	WF	0	0	0	0	72	39.7	2081	37	107	229	2.892	0.467	0.162	14.5	23.50
3433	40.8885	116.1554	-290.8	444	WF	0	0	0	0	63	40.0	1979	43	162	141	3.767	1.149	0.305	14.6	23.49
3434	40.8885	116.1548	-290.7	443	WF	0	0	0	0	54	40.0	1900	51	79	205	1.549	0.385	0.249	14.5	23.47
3435	40.8885	116.1542	-292.4	442	WF	0	0	0	0	54	39.9	1932	45	141	167	3.133	0.844	0.269	14.5	23.49
3436	40.8885	116.1535	-291.0	438	WF	0	0	0	0	47	39.9	1911	44	93	187	2.114	0.497	0.235	14.5	23.47
3437	40.8884	116.1529	-289.9	438	WF	0	0	0	0	56	39.8	2051	45	126	192	2.800	0.656	0.234	14.4	23.48
3438	40.8884	116.1523	-287.6	437	WF	0	0	0	0	57	39.8	2167	44	110	237	2.500	0.464	0.186	14.4	23.50
3439	40.8884	116.1517	-288.9	437	WF	0	0	0	0	44	39.8	2112	46	126	270	2.739	0.467	0.170	14.4	23.47
3440	40.8884	116.1511	-288.5	442	WF	0	0	0	0	69	33.2	2097	41	118	269	2.878	0.439	0.152	14.5	23.47
3441	40.8884	116.1504	-287.8	450	WF	0	0	0	0	54	33.4	2208	60	151	213	2.517	0.709	0.282	14.5	23.46
3442	40.8884	116.1498	-288.1	436	WF	0	0	0	0	74	33.1	2195	57	98	235	1.719	0.417	0.243	14.5	23.46
3443	40.8884	116.1492	-286.7	405	WF	0	0	0	0	54	32.5	2127	37	195	212	5.270	0.920	0.175	14.5	23.44
3444	40.8884	116.1486	-286.0	391	WF	0	0	0	0	55	32.3	2008	45	151	219	3.356	0.689	0.205	14.5	23.43
3445	40.8884	116.1479	-286.8	394	WF	0	0	0	0	50	32.3	1969	42	108	222	2.571	0.486	0.189	14.5	23.40
3446	40.8884	116.1473	-288.1	439	WF	0	0	0	0	47	33.2	1922	51	117	219	2.294	0.534	0.233	14.5	23.40
3447	40.8883	116.1467	-288.6	475	WF	0	0	0	0	53	33.8	2118	47	188	168	4.000	1.119	0.280	14.5	23.37
3448	40.8883	116.1461	-290.4	489	WF	0	0	0	0	46	34.0	2193	64	125	222	1.953	0.563	0.288	14.5	23.39
3449	40.8883	116.1455	-288.0	490	WF	0	0	0	0	50	34.1	2135	46	140	229	3.043	0.611	0.201	14.5	23.40
3450	40.8883	116.1448	-287.9	484	WF	0	0	0	0	42	34.0	2193	49	132	227	2.694	0.581	0.216	14.4	23.40
3451	40.8883	116.1442	-288.6	451	WF	0	0	0	0	52	33.4	2045	29	184	192	6.345	0.958	0.151	14.4	23.39
3452	40.8883	116.1436	-286.8	445	WF	0	0	0	0	52	33.3	2207	45	176	214	3.911	0.822	0.210	14.4	23.39
3453	40.8883	116.1430	-282.8	428	WF	0	0	0	0	52	33.0	2054	49	77	258	1.571	0.298	0.190	14.3	23.41
3454	40.8883	116.1423	-283.9	404	WF	0	0	0	0	46	32.5	2010	56	122	206	2.179	0.592	0.272	14.3	23.40
3455	40.8883	116.1417	-282.8	400	WF	0	0	0	0	62	32.4	1881	33	132	192	4.000	0.688	0.172	14.3	23.39
3456	40.8883	116.1411	-282.4	407	WF	0	0	0	0	57	32.6	1962	37	76	231	2.054	0.329	0.160	14.3	23.39
3457	40.8882	116.1405	-282.6	397	WF	0	0	0	0	55	32.4	1913	51	107	186	2.098	0.575	0.274	14.3	23.39
3458	40.8882	116.1399	-285.1	402	WF	0	0	0	0	56	32.5	1942	40	175	167	4.375	1.048	0.240	14.3	23.40
3459	40.8882	116.1392	-283.3	399	WF	0	0	0	0	58	29.0	2052	39	129	209	3.308	0.617	0.187	14.3	23.42
3460	40.8882	116.1386	-284.0	395	WF	0	0	0	0	53	28.9	1995	32	174	191	5.438	0.911	0.168	14.3	23.40
3461	40.8882	116.1380	-282.6	398	WF	0	0	0	0	54	29.0	2047	50	112	217	2.240	0.516	0.230	14.3	23.39
3462	40.8882	116.1374	-282.0	391	WF	0	0	0	0	46	28.8	2023	25	172	237	6.880	0.726	0.105	14.3	23.40
3463	40.8882	116.1368	-278.8	396	WF	0	0	0	0	51	28.9	2063	54	94	232	1.741	0.405	0.233	14.3	23.42
3464	40.8882	116.1361	-281.4	408	WF	0	0	0	0	42	29.1	1951	57	139	184	2.439	0.755	0.310	14.2	23.40
3465	40.8882	116.1355	-280.1	427	WF	0	0	0	0	39	29.4	2123	54	118	222	2.185	0.532	0.243	14.1	23.40
3466	40.8882	116.1349	-282.3	417	WF	0	0	0	0	63	29.3	2123	55	135	222	2.455	0.608	0.248	14.2	23.41
3467	40.8881	116.1343	-283.6	373	WF	0	0	0	0	54	28.5	2027	50	63	240	1.260	0.262	0.208	14.1	23.40
3468	40.8881	116.1336	-282.0	331	WF	0	0	0	0	58	27.8	1935	52	135	196	2.596	0.689	0.265	14.1	23.39
3469	40.8881	116.1330	-279.9	295	WF	0	0	0	0	62	27.1	1892	44	142	164	3.227	0.866	0.268	14.1	23.37
3470	40.8881	116.1324	-280.2	285	WF	0	0	0	0	53	26.9	1743	49	100	193	2.041	0.518	0.254	14.1	23.37
3471	40.8881	116.1318	-280.4	298	WF	0	0	0	0	53	27.1	1793	52	119	154	2.288	0.773	0.338	14.1	23.36
3472	40.8881	116.1312	-279.7	314	WF	0	0	0	0	67	27.4	1870	35	146	164	4.171	0.890	0.213	14.1	23.33
3473	40.8881	116.1305	-280.7	330	TS3	0	0	0	0	57	27.8	1908	42	116	202	2.762	0.574	0.208	14.1	23.35
3474	40.8881	116.1299	-280.9	349	TS3	0	0	0	0	59	28.1	1831	57	109	174	1.912	0.626	0.328	14.2	23.34

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3475	40.8881	116.1293	-279.6	370	TS3	0	0	0	0	57	28.5	1839	30	166	155	5.533	1.071	0.194	14.1	23.33
3476	40.8881	116.1287	-280.1	361	TS3	0	0	0	0	61	28.3	1940	32	179	176	5.594	1.017	0.182	14.2	23.34
3477	40.8880	116.1280	-277.8	345	TS3	0	0	0	0	44	28.0	1835	47	62	214	1.319	0.290	0.220	14.1	23.33
3478	40.8880	116.1274	-275.5	366	TS3	0	0	0	0	56	28.3	1940	48	86	226	1.792	0.381	0.212	14.1	23.34
3479	40.8880	116.1268	-274.8	407	TS3	0	0	0	0	58	29.0	2116	53	134	251	2.528	0.534	0.211	14.0	23.33
3480	40.8880	116.1262	-274.8	426	TS3	0	0	0	0	47	29.3	2146	45	132	220	2.933	0.600	0.205	14.0	23.33
3481	40.8880	116.1256	-275.5	438	TS3	0	0	0	0	56	29.6	2146	57	81	259	1.421	0.313	0.220	13.9	23.35
3482	40.8880	116.1249	-279.5	434	TS3	0	0	0	0	56	29.5	1998	46	147	153	3.196	0.961	0.301	13.8	23.32
3483	40.8880	116.1243	-277.4	423	TS3	0	0	0	0	47	29.3	1926	41	65	238	1.585	0.273	0.172	13.8	23.31
3484	40.8880	116.1237	-277.0	430	TS3	0	0	0	0	59	29.4	1848	40	104	163	2.600	0.638	0.245	13.8	23.33
3485	40.8880	116.1231	-278.3	441	TS3	0	0	0	0	54	29.6	1880	55	97	156	1.764	0.622	0.353	13.8	23.32
3486	40.8880	116.1225	-279.1	454	TS3	0	0	0	0	37	29.8	1814	33	211	116	6.394	1.819	0.284	13.7	23.29
3487	40.8879	116.1218	-279.1	460	TS3	0	0	0	0	53	29.9	1794	42	153	111	3.643	1.378	0.378	13.7	23.29
3488	40.8879	116.1212	-278.0	465	TS3	0	0	0	0	58	30.0	1688	45	123	118	2.733	1.042	0.381	13.6	23.28
3489	40.8879	116.1206	-276.3	469	TS3	0	0	0	0	52	30.0	1741	44	82	149	1.864	0.550	0.295	13.7	23.27
3490	40.8879	116.1200	-276.9	477	TS3	0	0	0	0	51	30.2	1657	55	83	139	1.509	0.597	0.396	13.6	23.26
3491	40.8879	116.1193	-276.8	473	TS3	0	0	0	0	52	30.1	1600	37	113	119	3.054	0.950	0.311	13.6	23.25
3492	40.8879	116.1187	-276.9	470	TS3	0	0	0	0	65	30.1	1600	41	120	99	2.927	1.212	0.414	13.6	23.27
3493	40.8879	116.1181	-275.1	468	TS3	0	0	0	0	57	30.0	1610	49	79	110	1.612	0.718	0.445	13.7	23.25
3494	40.8879	116.1176	-275.5	463	TS3	0	0	0	0	59	30.0	1526	32	127	80	3.969	1.588	0.400	13.6	23.23
3495	40.8879	116.1170	-274.5	452	WF	0	0	0	0	31	29.8	1632	50	102	102	2.040	1.000	0.490	13.6	23.22
3496	40.8879	116.1165	-276.2	438	WF	0	0	0	0	66	29.5	1760	46	108	123	2.348	0.878	0.374	13.6	23.23
3497	40.8879	116.1159	-276.4	426	WF	0	0	0	0	52	30.7	1673	39	110	125	2.821	0.880	0.312	13.6	23.22
3498	40.8879	116.1154	-276.4	415	WF	0	0	0	0	60	30.5	1731	50	53	174	1.060	0.305	0.287	13.6	23.22
3499	40.8879	116.1148	-276.9	396	WF	0	0	0	0	56	30.2	1635	62	58	115	0.935	0.504	0.539	13.5	23.19
3500	40.8879	116.1143	-281.4	378	WF	0	0	1	0	29	29.9	1727	80	17	168	0.213	0.101	0.476	13.5	23.19
3501	40.8879	116.1138	-285.4	361	WF	0	0	0	0	53	29.5	1607	59	45	128	0.763	0.352	0.461	13.5	23.18
3502	40.8879	116.1132	-293.9	344	WF	0	0	0	0	75	29.2	1589	37	50	134	1.351	0.373	0.276	13.5	23.16
3503	40.8879	116.1127	-303.8	343	WF	0	0	0	0	73	29.2	1644	38	112	117	2.947	0.957	0.325	13.5	23.15
3504	40.8879	116.1121	-311.3	361	WF	0	0	0	0	48	29.5	1764	48	145	116	3.021	1.250	0.414	13.5	23.16
3505	40.8879	116.1116	-303.6	369	WF	0	0	0	0	42	29.7	1732	60	92	141	1.533	0.652	0.426	13.5	23.12
3506	40.8879	116.1111	-270.1	381	WF	0	0	0	0	65	29.9	1803	56	72	181	1.286	0.398	0.309	13.5	23.14
3507	40.8879	116.1105	-226.5	404	TA1	0	0	0	0	75	30.3	1938	50	119	183	2.380	0.650	0.273	13.5	23.13
3508	40.8879	116.1100	-191.4	429	TA1	0	0	0	0	42	30.8	1965	46	158	187	3.435	0.845	0.246	13.4	23.11
3509	40.8879	116.1094	-175.9	440	TA1	0	0	0	0	54	31.0	1961	53	94	208	1.774	0.452	0.255	13.5	23.14
3510	40.8879	116.1089	-178.2	447	TA1	0	0	0	0	52	31.1	1879	49	92	194	1.878	0.474	0.253	13.5	23.13
3511	40.8879	116.1083	-200.1	451	TA1	0	0	0	0	44	31.1	1835	50	54	226	1.080	0.239	0.221	13.5	23.14
3512	40.8879	116.1078	-226.8	467	TA1	0	0	0	0	50	31.4	1783	32	143	154	4.469	0.929	0.208	13.5	23.15
3513	40.8879	116.1073	-252.7	487	TA1	0	0	0	0	48	31.7	1791	39	89	191	2.282	0.466	0.204	13.5	23.17
3514	40.8879	116.1067	-275.3	491	TA1	0	0	0	0	47	31.8	1765	55	74	133	1.321	0.556	0.421	13.5	23.19
3515	40.8879	116.1062	-282.7	496	TA1	0	0	0	0	54	31.9	1768	52	105	117	2.019	0.897	0.444	13.6	23.22
3516	40.8879	116.1056	-285.5	496	TA1	0	0	0	0	55	30.3	1740	44	121	109	2.750	1.110	0.404	13.5	23.22
3517	40.8879	116.1051	-283.7	493	TA1	0	0	0	0	53	30.3	1708	33	87	149	2.636	0.584	0.221	13.5	23.22
3518	40.8879	116.1045	-279.8	493	TA1	0	0	0	0	53	30.2	1787	37	77	167	2.081	0.461	0.222	13.5	23.23
3519	40.8879	116.1040	-280.2	490	TS3	0	0	0	0	40	30.2	1756	38	110	147	2.895	0.748	0.259	13.5	23.25
3520	40.8879	116.1035	-279.3	490	TS3	0	0	0	0	50	30.2	1855	57	71	161	1.246	0.441	0.354	13.5	23.25
3521	40.8879	116.1029	-280.4	491	TS3	0	0	0	0	59	30.2	1967	58	83	190	1.431	0.437	0.305	13.6	23.29
3522	40.8879	116.1024	-283.8	491	TS3	0	0	0	0	57	30.2	1846	66	40	197	0.606	0.203	0.335	13.5	23.29
3523	40.8879	116.1018	-286.9	488	TS3	0	0	0	0	57	30.2	1879	50	80	168	1.600	0.476	0.298	13.5	23.31
3524	40.8879	116.1013	-286.3	482	TS3	0	0	0	0	57	30.1	1915	51	94	185	1.843	0.508	0.276	13.6	23.31
3525	40.8879	116.1007	-290.8	469	TS3	0	0	0	0	57	29.9	1804	41	110	136	2.683	0.809	0.301	13.5	23.30
3526	40.8879	116.1002	-295.2	462	TS3	0	0	0	0	77	29.8	1990	36	145	169	4.028	0.858	0.213	13.5	23.31
3527	40.8879	116.0997	-300.7	450	TS3	0	0	0	0	53	29.6	2004	56	112	162	2.000	0.691	0.346	13.5	23.31
3528	40.8879	116.0991	-309.0	430	TS3	0	0	0	0	53	29.3	2033	77	38	213	0.494	0.178	0.362	13.6	23.33

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3529	40.8879	116.0986	-319.1	404	TS3	0	0	0	0	56	28.8	2085	66	97	203	1.470	0.478	0.325	13.5	23.32
3530	40.8879	116.0980	-328.2	365	TS3	0	0	0	0	66	28.1	2088	80	113	187	1.412	0.604	0.428	13.5	23.33
3531	40.8879	116.0975	-313.9	328	TS3	0	0	0	0	51	27.5	2037	65	93	214	1.431	0.435	0.304	13.5	23.33
3532	40.8879	116.0970	-314.3	302	TS3	0	0	0	0	55	27.0	1991	56	126	210	2.250	0.600	0.267	13.6	23.31
3533	40.8879	116.0964	-259.6	304	TS3	0	0	0	0	50	27.0	2044	52	194	179	3.731	1.084	0.291	13.6	23.32
3534	40.8879	116.0959	-245.6	325	TS3	0	0	0	0	57	27.4	2137	60	79	227	1.317	0.348	0.264	13.6	23.31
3535	40.8879	116.0953	-239.5	347	TS3	0	0	0	0	52	26.3	2080	73	131	194	1.795	0.675	0.376	13.6	23.29
3536	40.8879	116.0948	-237.0	391	TS3	0	0	0	0	34	27.0	2106	67	153	188	2.284	0.814	0.356	13.6	23.29
3537	40.8879	116.0942	-226.6	420	TS3	0	0	0	0	57	27.5	2292	73	195	179	2.671	1.089	0.408	13.6	23.30
3538	40.8879	116.0937	-209.8	417	TS3	0	0	0	0	54	27.4	2144	60	157	232	2.617	0.677	0.259	13.5	23.29
3539	40.8879	116.0932	-186.0	406	TS3	0	0	0	0	58	27.3	2193	79	56	233	0.709	0.240	0.339	13.5	23.29
3540	40.8879	116.0926	-157.1	402	TS3	0	0	0	0	49	27.2	2093	74	109	217	1.473	0.502	0.341	13.6	23.29
3541	40.8879	116.0921	-142.0	401	TS3	0	0	0	0	40	27.2	2064	75	171	133	2.280	1.286	0.564	13.5	23.27
3542	40.8879	116.0915	-136.7	417	TS3	0	0	0	0	40	27.4	2125	65	135	207	2.077	0.652	0.314	13.6	23.25
3543	40.8879	116.0910	-140.7	431	TS3	0	0	0	0	58	27.6	2127	52	124	218	2.385	0.569	0.239	13.6	23.27
3544	40.8879	116.0904	-157.6	435	TS3	0	0	0	0	47	27.7	2159	66	86	286	1.303	0.301	0.231	13.7	23.27
3545	40.8879	116.0899	-176.0	428	TS3	0	0	0	0	50	27.6	2147	63	170	152	2.698	1.118	0.414	13.8	23.26
3546	40.8879	116.0894	-199.9	417	TS3	0	0	0	0	55	27.4	2211	69	161	190	2.333	0.847	0.363	13.7	23.26
3547	40.8879	116.0888	-221.1	408	TS3	0	0	0	0	47	27.3	2241	65	81	277	1.246	0.292	0.235	13.7	23.27
3548	40.8879	116.0883	-241.6	396	TS3	0	0	0	0	35	27.1	2197	88	118	190	1.341	0.621	0.463	13.7	23.27
3549	40.8879	116.0877	-254.6	382	TS3	0	0	0	0	58	26.9	2218	51	145	239	2.843	0.607	0.213	13.7	23.26
3550	40.8879	116.0872	-261.5	370	TS3	0	0	0	0	56	26.7	2243	79	78	274	0.987	0.285	0.288	13.7	23.29
3551	40.8879	116.0866	-261.1	377	TS3	0	0	0	0	48	26.8	2346	74	157	221	2.122	0.710	0.335	13.5	23.25
3552	40.8879	116.0861	-261.5	399	TS3	0	0	0	0	69	27.1	2352	68	120	286	1.765	0.420	0.238	13.5	23.26
3553	40.8879	116.0856	-259.1	404	TS3	0	0	0	0	62	27.2	2472	66	195	247	2.955	0.789	0.267	13.5	23.23
3554	40.8879	116.0850	-252.6	391	TS3	0	0	0	0	51	28.9	2401	78	109	276	1.397	0.395	0.283	13.4	23.23
3555	40.8879	116.0845	-245.8	378	TS3	0	0	0	0	59	28.6	2379	71	180	212	2.535	0.849	0.335	13.3	23.22
3556	40.8879	116.0839	-234.8	362	TS3	0	0	0	0	52	28.4	2236	64	124	232	1.938	0.534	0.276	13.4	23.18
3557	40.8879	116.0834	-225.5	349	TS3	0	0	0	0	31	28.1	2213	49	201	199	4.102	1.010	0.246	13.3	23.18
3558	40.8879	116.0829	-222.8	357	TS3	0	0	0	0	56	28.3	2152	67	142	195	2.119	0.728	0.344	13.3	23.18
3559	40.8879	116.0823	-223.9	394	TS3	0	0	0	0	59	28.9	2337	65	207	192	3.185	1.078	0.339	13.3	23.17
3560	40.8879	116.0818	-224.6	437	TS3	0	0	0	0	68	29.7	2404	89	125	233	1.404	0.536	0.382	13.2	23.17
3561	40.8879	116.0812	-224.7	474	TS3	0	0	0	0	51	30.3	2525	85	149	208	1.753	0.716	0.409	13.2	23.18
3562	40.8879	116.0807	-221.4	491	TS3	0	0	0	0	63	30.5	2467	65	143	259	2.200	0.552	0.251	13.2	23.19
3563	40.8879	116.0801	-222.3	491	TS3	0	0	0	0	53	30.5	2447	51	172	259	3.373	0.664	0.197	13.2	23.18
3564	40.8879	116.0796	-223.4	489	TS3	0	0	0	0	57	30.5	2498	67	119	268	1.776	0.444	0.250	13.2	23.17
3565	40.8879	116.0791	-222.2	495	TS3	0	0	0	0	44	30.6	2289	68	159	215	2.338	0.740	0.316	13.2	23.17
3566	40.8879	116.0785	-224.5	533	TS3	0	0	0	0	54	31.2	2319	77	74	236	0.961	0.314	0.326	13.2	23.17
3567	40.8879	116.0780	-221.4	563	TS3	0	0	0	0	62	31.6	2424	81	128	237	1.580	0.540	0.342	13.2	23.15
3568	40.8879	116.0774	-221.3	498	TS3	0	0	0	0	54	30.6	2191	61	231	124	3.787	1.863	0.492	13.2	23.16
3569	40.8879	116.0769	-218.9	466	TS3	0	0	0	0	48	30.1	2159	66	124	199	1.879	0.623	0.332	13.1	23.13
3570	40.8879	116.0763	-221.1	404	TS3	0	0	0	0	56	29.1	1918	49	113	156	2.306	0.724	0.314	13.2	23.14
3571	40.8879	116.0758	-227.5	373	TS3	0	0	0	0	57	28.6	1907	38	177	128	4.658	1.383	0.297	13.0	23.14
3572	40.8879	116.0753	-232.4	368	TS3	0	0	0	0	59	28.5	1888	56	128	167	2.286	0.766	0.335	13.0	23.14
3573	40.8879	116.0747	-236.5	365	TS3	0	0	0	0	63	29.3	1907	58	120	149	2.069	0.805	0.389	13.0	23.15
3574	40.8879	116.0742	-237.4	364	TS3	0	0	0	0	62	29.3	1860	39	147	122	3.769	1.205	0.320	13.0	23.12
3575	40.8879	116.0736	-242.4	375	TS3	0	0	0	0	57	29.5	1871	66	60	193	0.909	0.311	0.342	12.9	23.13
3576	40.8879	116.0731	-245.5	404	TS3	0	0	0	0	50	30.0	1902	59	125	153	2.119	0.817	0.386	12.9	23.13
3577	40.8879	116.0725	-250.4	437	TS3	0	0	0	0	54	30.5	2000	61	58	211	0.951	0.275	0.289	12.9	23.11
3578	40.8879	116.0720	-253.8	462	TS3	0	0	0	0	57	31.0	2001	67	64	201	0.955	0.318	0.333	12.9	23.12
3579	40.8879	116.0715	-258.0	480	TS3	0	0	0	0	50	31.3	2176	73	211	143	2.890	1.476	0.510	12.9	23.12
3580	40.8879	116.0709	-259.7	470	TS3	0	0	0	0	50	31.1	2150	70	215	129	3.071	1.667	0.543	12.9	23.14
3581	40.8879	116.0704	-265.0	471	TS3	0	0	0	0	48	31.1	2117	61	147	176	2.410	0.835	0.347	12.8	23.12
3582	40.8879	116.0698	-266.7	432	TS3	0	0	0	0	63	30.5	2032	52	146	143	2.803	1.021	0.364	12.8	23.12

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3583	40.8879	116.0693	-272.9	402	TS3	0	0	0	0	59	30.0	1924	56	95	162	1.696	0.586	0.346	12.8	23.11
3584	40.8879	116.0687	-273.0	399	TS3	0	0	0	0	56	29.9	1893	46	138	154	3.000	0.896	0.299	12.8	23.13
3585	40.8879	116.0682	-278.6	405	TS3	0	0	0	0	60	30.0	1907	60	107	156	1.783	0.686	0.385	12.8	23.13
3586	40.8879	116.0677	-280.4	405	TS3	0	0	0	0	57	30.0	1813	48	136	137	2.833	0.993	0.350	12.7	23.12
3587	40.8879	116.0671	-284.7	412	TS3	0	0	0	0	63	30.1	1810	51	86	142	1.686	0.606	0.359	12.7	23.13
3588	40.8879	116.0666	-293.2	429	TS3	0	0	0	0	61	30.4	1936	71	88	140	1.239	0.629	0.507	12.7	23.14
3589	40.8879	116.0660	-295.9	456	TS3	0	0	0	0	56	30.9	1938	48	126	177	2.625	0.712	0.271	12.8	23.13
3590	40.8879	116.0655	-296.7	488	TS3	0	0	0	0	42	31.4	2046	63	95	172	1.508	0.552	0.366	12.8	23.15
3591	40.8879	116.0650	-299.7	499	TS3	0	0	0	0	71	31.6	2107	67	133	152	1.985	0.875	0.441	12.8	23.14
3592	40.8879	116.0644	-297.4	526	TS3	0	0	0	0	58	36.3	2142	64	126	181	1.969	0.696	0.354	12.8	23.13
3593	40.8879	116.0639	-297.2	497	TS3	0	0	0	0	66	35.8	2051	70	161	114	2.300	1.412	0.614	12.8	23.13
3594	40.8879	116.0633	-297.0	445	TS3	0	0	0	0	55	34.8	2072	46	138	188	3.000	0.734	0.245	12.7	23.15
3595	40.8879	116.0628	-295.4	420	TS3	0	0	0	0	42	34.3	2070	50	202	141	4.040	1.433	0.355	12.8	23.15
3596	40.8879	116.0622	-299.3	438	TS3	0	0	0	0	67	34.7	2091	55	89	216	1.618	0.412	0.255	12.8	23.15
3597	40.8879	116.0617	-300.5	462	TS3	0	0	0	0	65	35.1	2047	47	144	181	3.064	0.796	0.260	12.9	23.17
3598	40.8879	116.0612	-299.7	480	TS3	0	0	0	0	56	35.4	2178	69	156	146	2.261	1.068	0.473	12.9	23.19
3599	40.8879	116.0606	-300.5	489	TS3	0	0	0	0	57	35.6	2169	68	99	218	1.456	0.454	0.312	12.9	23.18
3600	40.8879	116.0601	-299.3	491	TS3	0	0	0	0	66	35.6	2260	79	59	241	0.747	0.245	0.328	12.9	23.19
3601	40.8879	116.0595	-299.7	456	TS3	0	0	0	0	43	35.0	2221	57	90	257	1.579	0.350	0.222	13.0	23.20
3602	40.8879	116.0590	-297.1	397	TS3	0	0	0	0	55	33.9	2081	59	180	139	3.051	1.295	0.424	13.0	23.23
3603	40.8879	116.0584	-300.5	392	TS3	0	0	0	0	39	33.8	2123	50	142	201	2.840	0.706	0.249	13.0	23.20
3604	40.8879	116.0579	-305.4	416	TS3	0	0	0	0	53	34.2	2198	89	98	163	1.101	0.601	0.546	13.1	23.22
3605	40.8879	116.0574	-312.7	435	TS3	0	0	0	0	43	34.6	2177	74	88	226	1.189	0.389	0.327	13.2	23.20
3606	40.8880	116.0568	-313.1	449	TS3	0	0	0	0	51	34.9	2267	63	204	159	3.238	1.283	0.396	13.3	23.21
3607	40.8880	116.0563	-316.2	456	TS3	0	0	0	0	49	35.0	2222	78	119	181	1.526	0.657	0.431	13.3	23.21
3608	40.8880	116.0557	-319.4	476	TS3	0	0	0	0	64	35.4	2239	79	116	166	1.468	0.699	0.476	13.4	23.23
3609	40.8880	116.0552	-315.9	490	TS3	0	0	0	0	51	35.6	2214	61	154	189	2.525	0.815	0.323	13.4	23.24
3610	40.8880	116.0546	-314.5	489	TS3	0	0	0	0	64	35.6	2288	82	128	172	1.561	0.744	0.477	13.4	23.23
3611	40.8880	116.0541	-312.8	471	TS3	0	0	0	0	53	33.5	2355	66	163	255	2.470	0.639	0.259	13.5	23.22
3612	40.8880	116.0536	-314.3	423	TS3	0	0	0	0	51	32.7	2276	75	138	175	1.840	0.789	0.429	13.4	23.21
3613	40.8880	116.0530	-313.1	374	TS3	0	0	0	0	45	31.7	2208	61	174	182	2.852	0.956	0.335	13.5	23.22
3614	40.8880	116.0525	-302.9	326	TS3	0	0	0	0	64	30.8	2027	61	128	195	2.098	0.656	0.313	13.5	23.20
3615	40.8880	116.0519	-303.1	309	TS3	0	0	0	0	64	30.4	1962	61	145	172	2.377	0.843	0.355	13.4	23.18
3616	40.8880	116.0514	-308.1	321	TS3	0	0	0	0	55	30.7	1923	49	92	197	1.878	0.467	0.249	13.5	23.16
3617	40.8880	116.0509	-303.5	352	TA1	0	0	0	0	70	31.3	2062	78	79	185	1.013	0.427	0.422	13.5	23.16
3618	40.8880	116.0503	-306.2	371	TA1	0	0	0	0	49	31.7	2045	56	174	148	3.107	1.176	0.378	13.6	23.14
3619	40.8880	116.0498	-306.6	363	TA1	0	0	0	0	46	31.5	2098	59	138	182	2.339	0.758	0.324	13.6	23.19
3620	40.8880	116.0492	-320.3	322	TA1	0	0	0	0	54	30.7	2079	64	99	232	1.547	0.427	0.276	13.6	23.16
3621	40.8880	116.0487	-327.8	311	TA1	0	0	0	0	50	30.5	2006	52	110	230	2.115	0.478	0.226	13.6	23.17
3622	40.8880	116.0481	-340.2	303	TA1	0	0	0	0	62	30.3	2038	56	203	189	3.625	1.074	0.296	13.6	23.18
3623	40.8880	116.0476	-351.2	291	TA1	0	0	0	0	53	30.0	2138	64	141	182	2.203	0.775	0.352	13.6	23.17
3624	40.8880	116.0471	-362.6	290	TA1	0	0	0	0	51	30.0	2216	77	141	210	1.831	0.671	0.367	13.6	23.19
3625	40.8880	116.0465	-374.7	295	TA1	0	0	0	0	45	30.1	2126	63	126	213	2.000	0.592	0.296	13.6	23.20
3626	40.8880	116.0460	-369.2	304	TA1	0	0	0	0	63	30.3	2150	40	222	186	5.550	1.194	0.215	13.7	23.21
3627	40.8880	116.0454	-324.0	309	TA1	0	0	0	0	55	30.4	2115	70	179	173	2.557	1.035	0.405	13.7	23.19
3628	40.8880	116.0449	-273.6	313	TA1	0	0	0	0	51	30.5	2169	66	190	165	2.879	1.152	0.400	13.7	23.23
3629	40.8880	116.0443	-270.3	328	TA1	0	0	0	0	49	30.8	2136	68	194	181	2.853	1.072	0.376	13.7	23.22
3630	40.8880	116.0438	-290.6	365	TA1	0	0	0	0	53	28.3	2296	59	186	224	3.153	0.830	0.263	13.7	23.25
3631	40.8880	116.0433	-305.5	398	TA1	0	0	0	0	48	28.8	2297	69	109	252	1.580	0.433	0.274	13.7	23.25
3632	40.8880	116.0427	-307.8	430	TA1	0	0	0	0	52	29.4	2361	73	160	245	2.192	0.653	0.298	13.8	23.28
3633	40.8880	116.0422	-304.2	428	TA1	0	0	0	0	79	29.3	2390	72	88	276	1.222	0.319	0.261	13.7	23.26
3634	40.8880	116.0416	-301.1	398	TA1	0	0	0	0	57	28.8	2317	78	116	225	1.487	0.516	0.347	13.8	23.27
3635	40.8880	116.0411	-293.9	369	TA1	0	0	0	0	64	28.3	2320	78	125	229	1.603	0.546	0.341	13.7	23.28
3636	40.8880	116.0405	-274.6	362	TA1	0	0	0	0	58	28.2	2208	85	129	173	1.518	0.746	0.491	13.8	23.29

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3637	40.8880	116.0400	-269.0	358	TA1	0	0	0	0	67	28.1	2227	89	140	169	1.573	0.828	0.527	13.7	23.30
3638	40.8880	116.0395	-267.7	378	TA1	0	0	0	0	48	28.5	2163	79	97	213	1.228	0.455	0.371	13.7	23.31
3639	40.8880	116.0389	-264.6	401	TA1	0	0	0	0	47	28.9	2310	78	106	220	1.359	0.482	0.355	13.8	23.29
3640	40.8880	116.0384	-255.1	417	TA1	0	0	0	0	50	29.2	2280	59	177	198	3.000	0.894	0.298	13.8	23.28
3641	40.8880	116.0378	-245.3	440	TA1	0	0	0	0	50	29.5	2336	61	160	227	2.623	0.705	0.269	13.9	23.28
3642	40.8880	116.0373	-233.9	470	TA1	0	0	0	0	56	30.0	2516	57	193	202	3.386	0.955	0.282	13.9	23.29
3643	40.8880	116.0368	-219.9	486	TS3	0	0	0	0	49	30.3	2515	106	82	253	0.774	0.324	0.419	13.8	23.28
3644	40.8880	116.0362	-209.0	489	TS3	0	0	0	0	54	30.3	2547	71	160	257	2.254	0.623	0.276	13.9	23.29
3645	40.8880	116.0357	-190.3	469	TS3	0	0	0	0	49	30.0	2572	83	180	239	2.169	0.753	0.347	13.8	23.29
3646	40.8880	116.0351	-166.9	431	TS3	0	0	0	0	71	29.4	2333	76	116	201	1.526	0.577	0.378	13.8	23.29
3647	40.8880	116.0346	-145.4	396	TS3	0	0	0	0	46	28.8	2336	74	167	222	2.257	0.752	0.333	13.8	23.29
3648	40.8880	116.0340	-126.1	348	TS3	0	0	0	0	47	27.9	2204	91	98	233	1.077	0.421	0.391	13.8	23.27
3649	40.8880	116.0335	-103.2	291	TS3	0	0	0	0	45	22.1	2116	84	124	218	1.476	0.569	0.385	13.9	23.27
3650	40.8880	116.0330	-80.6	262	TS3	0	0	0	0	39	21.6	2000	63	131	181	2.079	0.724	0.348	13.8	23.25
3651	40.8880	116.0324	-58.8	285	TS3	0	0	0	0	60	22.0	2022	54	179	179	3.315	1.000	0.302	13.8	23.24
3652	40.8880	116.0319	-25.1	294	TS3	0	0	0	0	63	22.1	2036	50	131	224	2.620	0.585	0.223	13.9	23.24
3653	40.8880	116.0313	-25.0	319	TS3	0	0	0	0	58	22.5	2022	68	153	185	2.250	0.827	0.368	13.9	23.23
3654	40.8880	116.0308	-1.7	365	TS3	0	0	0	0	56	23.2	2145	63	128	244	2.032	0.525	0.258	14.0	23.24
3655	40.8880	116.0302	6.7	395	TS3	0	0	0	0	38	23.6	2118	74	197	136	2.662	1.449	0.544	13.9	23.25
3656	40.8880	116.0297	8.3	393	TS3	0	0	0	0	59	23.6	2033	40	182	184	4.550	0.989	0.217	13.9	23.24
3657	40.8880	116.0292	-0.4	384	TS3	0	0	0	0	63	23.4	2098	81	116	163	1.432	0.712	0.497	14.0	23.25
3658	40.8880	116.0286	-16.3	370	TS3	0	0	0	0	66	23.2	1994	51	146	166	2.863	0.880	0.307	14.0	23.26
3659	40.8880	116.0281	-37.7	368	TS3	0	0	0	0	47	23.2	2027	74	121	150	1.635	0.807	0.493	13.9	23.28
3660	40.8880	116.0275	-58.8	376	TS3	0	0	0	0	65	23.3	1995	56	153	160	2.732	0.956	0.350	14.0	23.29
3661	40.8880	116.0270	-72.6	387	TS3	0	0	0	0	55	23.5	2031	47	175	183	3.723	0.956	0.257	14.0	23.29
3662	40.8880	116.0264	-82.3	408	TS3	0	0	0	0	54	23.8	2079	68	105	201	1.544	0.522	0.338	14.0	23.30
3663	40.8880	116.0259	-88.8	415	TS3	0	0	0	0	50	23.9	2110	51	154	170	3.020	0.906	0.300	14.0	23.31
3664	40.8880	116.0254	-96.2	416	TS3	0	0	0	0	40	23.9	2065	75	160	134	2.133	1.194	0.560	14.0	23.34
3665	40.8880	116.0248	-94.8	418	TS3	0	0	0	0	52	23.9	2147	65	182	160	2.800	1.138	0.406	14.1	23.34
3666	40.8880	116.0243	-82.9	420	TS3	0	0	0	0	59	23.9	2158	65	146	169	2.246	0.864	0.385	14.1	23.38
3667	40.8880	116.0237	-65.0	421	TS3	0	0	0	0	47	23.9	2133	64	162	159	2.531	1.019	0.403	14.1	23.37
3668	40.8880	116.0232	-38.3	422	TS3	0	0	0	0	50	25.6	2101	73	155	182	2.123	0.852	0.401	14.0	23.38
3669	40.8880	116.0227	-19.0	420	TS3	0	0	0	0	59	25.6	2095	60	163	156	2.717	1.045	0.385	14.1	23.38
3670	40.8880	116.0221	-14.4	436	TS3	0	0	0	0	44	25.8	2205	65	143	206	2.200	0.694	0.316	14.1	23.40
3671	40.8880	116.0216	-65.7	455	TS3	0	0	0	0	67	26.1	2175	52	161	183	3.096	0.880	0.284	14.2	23.41
3672	40.8880	116.0210	-86.4	414	TS3	0	0	0	0	75	25.5	2124	66	114	210	1.727	0.543	0.314	14.1	23.40
3673	40.8880	116.0205	-97.6	345	TS3	0	0	0	0	63	24.4	1946	61	155	162	2.541	0.957	0.377	14.2	23.41
3674	40.8880	116.0199	-107.9	349	TS3	0	0	0	0	52	24.5	1983	69	173	153	2.507	1.131	0.451	14.2	23.41
3675	40.8880	116.0194	-120.3	369	TS3	0	0	1	0	65	24.8	1973	60	20	228	0.333	0.088	0.263	14.2	23.37
3676	40.8880	116.0189	-128.0	394	TS3	0	0	0	0	54	25.2	2081	69	94	213	1.362	0.441	0.324	14.2	23.41
3677	40.8880	116.0183	-133.3	403	TS3	0	0	0	0	52	25.3	2122	72	105	225	1.458	0.467	0.320	14.2	23.41
3678	40.8880	116.0178	-136.2	423	TS3	0	0	0	0	44	25.6	2169	47	192	183	4.085	1.049	0.257	14.2	23.42
3679	40.8880	116.0172	-130.0	440	TS3	0	0	0	0	57	25.9	2246	70	67	240	0.957	0.279	0.292	14.3	23.44
3680	40.8880	116.0167	-115.5	414	TS3	0	0	0	0	48	25.5	2170	77	108	233	1.403	0.464	0.330	14.2	23.44
3681	40.8880	116.0161	-99.8	396	TS3	0	0	0	0	40	25.2	2073	44	192	190	4.364	1.011	0.232	14.2	23.45
3682	40.8880	116.0156	-97.3	407	TS3	0	0	0	0	55	25.4	2157	55	161	190	2.927	0.847	0.289	14.2	23.43
3683	40.8880	116.0151	-108.9	445	TS3	0	0	0	0	51	25.9	2153	69	161	171	2.333	0.942	0.404	14.3	23.43
3684	40.8880	116.0145	-116.5	472	TS3	0	0	0	0	58	26.3	2211	48	149	223	3.104	0.668	0.215	14.3	23.44
3685	40.8880	116.0140	-123.1	475	TS3	0	0	0	0	51	26.3	2275	89	85	236	0.955	0.360	0.377	14.3	23.42
3686	40.8880	116.0134	-131.0	478	TS3	0	0	0	0	47	26.4	2170	61	119	205	1.951	0.580	0.298	14.3	23.42
3687	40.8880	116.0129	-171.6	479	TS3	0	0	0	0	67	29.6	2134	60	96	220	1.600	0.436	0.273	14.3	23.41
3688	40.8880	116.0123	-171.6	486	TS3	0	0	0	0	48	29.7	2072	73	77	218	1.055	0.353	0.355	14.4	23.41
3689	40.8880	116.0118	-193.0	490	TS3	0	0	0	0	53	29.8	1977	72	67	166	0.931	0.404	0.434	14.3	23.43
3690	40.8880	116.0113	-195.0	497	TS3	0	0	0	0	59	29.9	2032	42	166	168	3.952	0.988	0.250	14.3	23.41

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3691	40.8880	116.0107	-195.6	498	TS3	0	0	0	0	51	29.9	2064	35	175	184	5.000	0.951	0.190	14.3	23.41
3692	40.8880	116.0102	-168.6	487	TS3	0	0	0	0	43	29.7	2154	60	151	166	2.517	0.910	0.361	14.3	23.43
3693	40.8880	116.0096	-147.5	449	TS3	0	0	0	0	55	29.1	2093	63	101	197	1.603	0.513	0.320	14.3	23.42
3694	40.8880	116.0091	-133.7	435	TS3	0	0	0	0	55	28.9	2236	86	56	213	0.651	0.263	0.404	14.2	23.41
3695	40.8880	116.0086	-124.6	412	TS3	0	0	0	0	50	28.5	2188	48	201	171	4.188	1.175	0.281	14.3	23.40
3696	40.8880	116.0080	-131.2	411	TS3	0	0	0	0	43	28.5	2252	78	117	203	1.500	0.576	0.384	14.3	23.39
3697	40.8880	116.0075	-163.2	418	TS3	0	0	0	0	57	28.6	2230	81	100	220	1.235	0.455	0.368	14.2	23.37
3698	40.8880	116.0069	-200.1	423	TS3	0	0	0	0	49	28.7	2230	71	96	217	1.352	0.442	0.327	14.2	23.37
3699	40.8880	116.0064	-227.4	428	TS3	0	0	0	0	54	28.8	2149	62	145	208	2.339	0.697	0.298	14.3	23.35
3700	40.8880	116.0058	-247.0	432	TS3	0	0	0	0	44	28.8	2215	53	158	201	2.981	0.786	0.264	14.2	23.33
3701	40.8880	116.0051	-260.6	431	TS3	0	0	0	0	53	28.8	2095	64	176	116	2.750	1.517	0.552	14.3	23.34
3702	40.8880	116.0045	-266.3	425	NA	0	0	0	0	48	28.7	2076	74	87	195	1.176	0.446	0.379	14.2	23.29
3703	40.8880	116.0039	-273.2	418	NA	0	0	0	0	46	28.6	2062	66	93	201	1.409	0.463	0.328	14.2	23.26
3704	40.8880	116.0033	-285.4	408	NA	0	0	0	0	48	28.5	2070	58	158	152	2.724	1.039	0.382	14.2	23.25
3705	40.8879	116.0026	-285.7	394	NA	0	0	0	0	39	28.2	2052	48	149	188	3.104	0.793	0.255	14.2	23.24
3706	40.8879	116.0020	-275.9	382	NA	0	0	0	0	61	35.0	1929	58	82	176	1.414	0.466	0.330	14.2	23.25
3707	40.8879	116.0014	-254.5	360	NA	0	0	0	0	40	34.5	1976	75	54	206	0.720	0.262	0.364	14.1	23.21
3708	40.8879	116.0008	-203.6	337	NA	0	0	0	0	72	34.0	2004	72	122	166	1.694	0.735	0.434	14.2	23.16
3709	40.8879	116.0001	-100.9	310	NA	0	0	0	0	51	33.4	1889	59	41	242	0.695	0.169	0.244	14.1	23.17
3710	40.8879	115.9995	-18.7	295	NA	0	0	0	0	60	33.0	1856	72	75	164	1.042	0.457	0.439	14.1	23.17
3711	40.8879	115.9989	28.2	301	NA	0	0	0	0	68	33.2	1833	48	48	230	1.000	0.209	0.209	14.0	23.14
3712	40.8879	115.9983	38.6	326	NA	0	0	0	0	60	33.8	1875	57	85	191	1.491	0.445	0.298	14.1	23.14
3713	40.8879	115.9976	23.2	360	NA	0	0	0	0	56	34.5	1892	53	73	209	1.377	0.349	0.254	14.0	23.09
3714	40.8879	115.9970	-2.6	394	NA	0	0	0	0	48	35.2	1884	52	81	193	1.558	0.420	0.269	13.9	23.09
3715	40.8878	115.9964	-25.4	430	NA	0	0	0	0	74	36.0	1979	66	34	223	0.515	0.152	0.296	13.9	23.08
3716	40.8878	115.9958	-30.2	443	NA	0	0	0	0	63	36.2	1982	53	114	184	2.151	0.620	0.288	13.8	23.07
3717	40.8878	115.9951	-22.5	453	NA	0	0	0	0	51	36.4	2007	59	105	182	1.780	0.577	0.324	13.8	23.04
3718	40.8878	115.9945	-22.0	463	NA	0	0	0	0	52	36.6	1807	30	126	163	4.200	0.773	0.184	13.8	23.06
3719	40.8878	115.9939	-35.2	485	NA	0	0	0	0	55	37.0	1928	58	128	147	2.207	0.871	0.395	13.7	23.04
3720	40.8878	115.9933	-68.5	492	NA	0	0	0	0	55	37.2	1889	50	121	136	2.420	0.890	0.368	13.7	23.01
3721	40.8878	115.9926	-109.0	520	NA	0	0	0	0	53	37.7	1948	55	105	173	1.909	0.607	0.318	13.6	23.00
3722	40.8878	115.9920	-144.0	533	NA	0	0	0	0	65	37.9	2050	62	52	221	0.839	0.235	0.281	13.6	23.00
3723	40.8878	115.9914	-168.2	520	NA	0	0	0	0	70	37.7	2051	65	95	170	1.462	0.559	0.382	13.7	23.04
3724	40.8878	115.9908	-160.3	491	NA	0	0	0	0	46	37.2	2087	87	32	202	0.368	0.158	0.431	13.5	23.02
3725	40.8877	115.9902	-138.1	472	NA	0	0	0	0	56	36.8	2048	57	102	183	1.789	0.557	0.311	13.5	23.02
3726	40.8877	115.9895	-116.9	454	NA	0	0	0	0	68	36.4	1953	48	119	171	2.479	0.696	0.281	13.5	23.03
3727	40.8877	115.9889	-113.7	458	NA	0	0	0	0	60	36.5	1973	50	111	175	2.220	0.634	0.286	13.5	23.01
3728	40.8877	115.9883	-114.4	480	NA	0	0	0	0	48	36.9	1943	79	75	152	0.949	0.493	0.520	13.5	23.02
3729	40.8877	115.9877	-110.7	490	NA	0	0	0	0	54	37.1	1978	50	97	186	1.940	0.522	0.269	13.4	23.03
3730	40.8877	115.9870	-104.7	483	NA	0	0	0	0	50	37.0	1945	36	157	144	4.361	1.090	0.250	13.5	23.03
3731	40.8877	115.9864	-87.8	478	NA	0	0	0	0	72	36.9	1925	49	90	214	1.837	0.421	0.229	13.5	23.03
3732	40.8877	115.9858	-59.9	483	NA	0	0	0	0	56	37.0	1965	65	109	188	1.677	0.580	0.346	13.4	23.05
3733	40.8877	115.9852	-31.8	483	NA	0	0	0	0	68	37.0	1880	49	66	171	1.347	0.386	0.287	13.3	23.04
3734	40.8877	115.9845	-9.8	470	NA	0	0	0	0	68	36.8	1862	44	113	143	2.568	0.790	0.308	13.3	23.05
3735	40.8876	115.9839	-8.4	469	NA	0	0	0	0	59	36.7	1787	56	45	172	0.804	0.262	0.326	13.3	23.03
3736	40.8876	115.9833	-21.8	472	NA	0	0	0	0	55	36.8	1791	68	84	84	1.235	1.000	0.810	13.3	23.04
3737	40.8876	115.9827	-36.8	482	NA	0	0	0	0	71	37.0	1782	45	175	99	3.889	1.768	0.455	13.3	23.03
3738	40.8876	115.9820	-56.1	490	NA	0	0	0	0	55	37.1	1819	63	90	142	1.429	0.634	0.444	13.3	23.03
3739	40.8876	115.9814	-64.7	492	NA	0	0	0	0	65	37.2	1907	45	115	166	2.556	0.693	0.271	13.3	23.01
3740	40.8876	115.9808	-64.9	492	NA	0	0	0	0	60	37.2	1887	63	64	151	1.016	0.424	0.417	13.4	23.03
3741	40.8876	115.9802	-89.0	496	NA	0	0	0	0	70	37.2	1877	72	52	148	0.722	0.351	0.486	13.3	23.01
3742	40.8876	115.9795	-101.6	498	NA	0	0	0	0	43	37.3	1830	80	82	123	1.025	0.667	0.650	13.3	22.99

1 GEODATA INT. INC. SINGLE REC LISTING WINNEMUCCA MAP LINE 21

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
488	40.9301	116.0003	-200.1	451	NA	0	0	0	0	61	33.3	2078	51	146	181	2.863	0.807	0.282	9.1	23.13
489	40.9301	116.0008	-200.1	462	NA	0	0	0	0	49	33.5	1954	70	59	180	0.843	0.328	0.389	9.2	23.11
490	40.9301	116.0012	-200.1	469	NA	0	0	0	0	37	33.6	1976	57	122	165	2.140	0.739	0.345	9.3	23.13
491	40.9301	116.0017	-200.1	480	NA	0	0	0	0	44	33.8	1956	55	69	215	1.255	0.321	0.256	9.3	23.11
492	40.9301	116.0017	-200.1	488	NA	0	0	0	0	62	34.0	2018	69	47	187	0.681	0.251	0.369	9.3	23.10
493	40.9301	116.0026	-200.1	490	NA	0	0	0	0	56	34.0	1918	58	60	181	1.034	0.331	0.320	9.4	23.10
494	40.9301	116.0031	-200.1	493	NA	0	0	0	0	69	34.1	2001	34	209	128	6.147	1.633	0.266	9.4	23.10
495	40.9301	116.0035	-200.1	491	NA	0	0	0	0	49	34.0	1887	59	125	103	2.119	1.214	0.573	9.3	23.07
496	40.9302	116.0040	-200.1	490	NA	0	0	0	0	53	34.0	2017	56	106	176	1.893	0.602	0.318	9.3	23.06
497	40.9302	116.0044	-200.1	491	NA	0	0	0	0	44	34.0	1967	51	155	120	3.039	1.292	0.425	9.3	23.05
498	40.9302	116.0049	-200.1	493	NA	0	0	0	0	59	34.1	1996	51	164	125	3.216	1.312	0.408	9.4	23.07
499	40.9302	116.0054	-200.1	491	NA	0	0	0	0	52	34.0	1995	76	72	155	0.947	0.465	0.490	9.4	23.08
500	40.9302	116.0058	-200.1	493	NA	0	0	0	0	42	34.1	1970	72	100	125	1.389	0.800	0.576	9.4	23.07
501	40.9302	116.0063	-200.1	493	NA	0	0	0	0	55	34.1	1927	68	119	138	1.750	0.862	0.493	9.5	23.07
502	40.9302	116.0068	-200.1	493	NA	0	0	0	0	56	34.1	2045	67	171	105	2.552	1.629	0.638	9.5	23.08
503	40.9302	116.0072	-200.1	494	NA	0	0	0	0	51	34.1	2020	82	88	162	1.073	0.543	0.506	9.5	23.05
504	40.9302	116.0077	-200.1	493	NA	0	0	0	0	64	34.1	1928	70	98	147	1.400	0.667	0.476	9.5	23.05
505	40.9302	116.0081	-200.1	490	NA	0	0	0	0	57	34.0	1912	76	108	95	1.421	1.137	0.800	9.5	23.04
506	40.9302	116.0086	-200.1	489	NA	0	0	0	0	63	34.0	2004	65	103	162	1.585	0.636	0.401	9.5	23.02
507	40.9302	116.0091	-200.1	486	NA	0	0	0	0	58	33.9	1917	40	84	208	2.100	0.404	0.192	9.5	23.01
508	40.9302	116.0095	-200.1	483	NA	0	0	0	0	50	33.9	1937	49	162	123	3.306	1.317	0.398	9.5	23.03
509	40.9302	116.0100	-200.1	479	NA	0	0	0	0	72	33.8	1907	44	113	182	2.568	0.621	0.242	9.6	23.05
510	40.9302	116.0104	-200.1	474	NA	0	0	0	0	52	33.7	1873	81	50	138	0.617	0.362	0.587	9.6	23.05
511	40.9302	116.0109	-200.1	468	NA	0	0	0	0	35	33.6	1898	41	109	210	2.659	0.519	0.195	9.5	23.02
512	40.9302	116.0114	-200.1	470	NA	0	0	0	0	54	33.7	1995	42	186	102	4.429	1.824	0.412	9.5	23.02
513	40.9302	116.0118	-200.1	435	NA	0	0	0	0	54	33.0	1795	43	164	83	3.814	1.976	0.518	9.5	23.00
514	40.9302	116.0123	-200.1	400	NA	0	0	0	0	48	30.1	1731	46	91	148	1.978	0.615	0.311	9.5	22.98
515	40.9302	116.0128	-200.1	399	NA	0	0	0	0	65	30.1	1815	38	120	146	3.158	0.822	0.260	9.5	22.94
516	40.9302	116.0132	-200.1	411	NA	0	0	0	0	64	30.3	1805	39	110	168	2.821	0.655	0.232	9.5	22.95
517	40.9302	116.0137	-200.1	424	NA	0	0	0	0	63	30.6	1781	32	112	157	3.500	0.713	0.204	9.5	22.93
518	40.9302	116.0141	-200.1	453	NA	0	0	0	0	50	31.0	1862	45	149	137	3.311	1.088	0.328	9.5	22.94
519	40.9302	116.0146	-200.1	481	NA	0	0	0	0	52	31.5	1965	71	120	149	1.690	0.805	0.477	9.5	22.93
520	40.9302	116.0151	-200.1	490	NA	0	0	0	0	66	31.6	1952	55	96	186	1.745	0.516	0.296	9.6	22.90
521	40.9302	116.0155	-200.1	492	NA	0	0	0	0	61	31.7	1924	65	76	152	1.169	0.500	0.428	9.5	22.89
522	40.9302	116.0160	-200.1	493	NA	0	0	0	0	72	31.7	1899	44	117	179	2.659	0.654	0.246	9.5	22.87
523	40.9302	116.0164	-200.1	492	NA	0	0	0	0	61	31.7	1906	34	190	117	5.588	1.624	0.291	9.5	22.85
524	40.9302	116.0169	-200.1	489	NA	0	0	0	0	55	31.6	1847	49	78	193	1.592	0.404	0.254	9.5	22.83
525	40.9302	116.0174	-200.1	483	NA	0	0	0	0	56	31.5	1868	53	118	113	2.226	1.044	0.469	9.5	22.83
526	40.9302	116.0178	-200.1	469	NA	0	0	0	0	55	31.3	1836	54	99	174	1.833	0.569	0.310	9.5	22.82
527	40.9302	116.0183	-200.1	463	NA	0	0	0	0	56	31.2	1805	39	98	164	2.513	0.598	0.238	9.5	22.83
528	40.9302	116.0187	-200.1	454	NA	0	0	0	0	53	31.1	1821	47	83	186	1.766	0.446	0.253	9.6	22.83
529	40.9302	116.0192	-200.1	432	NA	0	0	0	0	50	30.7	1703	44	78	166	1.773	0.470	0.265	9.7	22.85
530	40.9302	116.0197	-200.1	407	NA	0	0	1	0	66	30.3	1740	49	25	199	0.510	0.126	0.246	9.7	22.84
531	40.9302	116.0201	-200.1	378	NA	0	0	0	0	59	29.7	1648	43	96	120	2.233	0.800	0.358	9.7	22.82
532	40.9302	116.0206	-200.1	334	NA	0	0	0	0	47	28.9	1504	42	65	150	1.548	0.433	0.280	9.6	22.81
533	40.9302	116.0211	-200.1	306	NA	0	0	0	0	52	29.6	1491	35	89	139	2.543	0.640	0.252	9.5	22.78
534	40.9302	116.0215	-200.1	277	NA	0	0	0	0	61	29.1	1455	38	40	151	1.053	0.265	0.252	9.5	22.77
535	40.9302	116.0220	-200.1	256	NA	0	0	0	0	53	28.6	1447	32	71	143	2.219	0.497	0.224	9.5	22.74
536	40.9302	116.0224	-200.1	239	NA	0	0	0	0	54	28.2	1406	24	99	141	4.125	0.702	0.170	9.5	22.73
537	40.9302	116.0229	-200.1	227	NA	0	0	0	0	55	28.0	1357	32	75	115	2.344	0.652	0.278	9.5	22.73
538	40.9302	116.0234	-200.1	217	NA	0	0	0	0	55	27.7	1430	32	84	134	2.750	0.657	0.239	9.6	22.72
539	40.9302	116.0238	-200.1	219	NA	0	0	0	0	67	27.8	1558	33	37	203	1.121	0.182	0.163	9.6	22.70
540	40.9302	116.0243	-200.1	228	DI	0	0	0	0	70	28.0	1574	38	73	174	1.921	0.420	0.218	9.7	22.70
541	40.9302	116.0247	-200.1	244	DI	0	0	0	0	70	28.3	1626	40	36	210	0.900	0.171	0.190	9.6	22.65

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
542	40.9302	116.0252	-200.1	264	DI	0	0	0	0	66	28.8	1736	39	86	203	2.205	0.424	0.192	9.6	22.63
543	40.9302	116.0257	-200.1	291	DI	0	0	0	0	76	29.3	1855	35	137	171	3.914	0.801	0.205	9.5	22.61
544	40.9302	116.0261	-200.1	319	DI	0	0	0	0	56	29.9	1822	45	97	170	2.156	0.571	0.265	9.6	22.63
545	40.9302	116.0266	-200.1	342	DI	0	0	0	0	54	30.4	1964	61	106	209	1.738	0.507	0.292	9.6	22.64
546	40.9302	116.0271	-200.1	360	DI	0	0	0	0	74	30.7	1944	38	126	208	3.316	0.606	0.183	9.6	22.62
547	40.9302	116.0275	-200.1	380	DI	0	0	0	0	66	31.1	2006	62	64	233	1.032	0.275	0.266	9.6	22.64
548	40.9302	116.0280	-200.1	376	DI	0	0	0	0	71	31.0	2064	50	94	244	1.880	0.385	0.205	9.6	22.65
549	40.9302	116.0284	-200.1	352	DI	0	0	0	0	75	30.6	2061	52	113	213	2.173	0.531	0.244	9.6	22.67
550	40.9302	116.0289	-200.1	325	DI	0	0	0	0	74	30.0	1984	44	149	214	3.386	0.696	0.206	9.5	22.66
551	40.9302	116.0294	-200.1	320	DI	0	0	0	0	61	29.9	1999	54	118	209	2.185	0.565	0.258	9.5	22.64
552	40.9302	116.0298	-200.1	324	DI	0	0	0	0	80	27.8	1911	54	98	216	1.815	0.454	0.250	9.4	22.64
553	40.9302	116.0303	-200.1	336	DI	0	0	0	0	61	28.0	2038	47	131	268	2.787	0.489	0.175	9.4	22.65
554	40.9302	116.0307	-200.1	333	DI	0	0	0	0	75	28.0	2009	52	136	212	2.615	0.642	0.245	9.4	22.63
555	40.9302	116.0312	-200.1	315	DI	0	0	0	0	67	27.6	2016	58	82	237	1.414	0.346	0.245	9.5	22.67
556	40.9302	116.0317	-200.1	294	DI	0	0	0	0	50	27.2	1975	49	142	205	2.898	0.693	0.239	9.4	22.67
557	40.9302	116.0321	-200.1	289	DI	0	0	0	0	78	27.1	1963	52	39	269	0.750	0.145	0.193	9.4	22.66
558	40.9302	116.0326	-200.1	297	DI	0	0	0	0	60	27.3	2035	58	65	288	1.121	0.226	0.201	9.4	22.68
559	40.9302	116.0331	-200.1	311	DI	0	0	0	0	55	27.6	2089	62	109	249	1.758	0.438	0.249	9.4	22.69
560	40.9302	116.0335	-200.1	306	DI	0	0	0	0	64	27.5	2095	49	128	243	2.612	0.527	0.202	9.3	22.67
561	40.9302	116.0340	-200.1	279	DI	0	0	0	0	59	26.9	2082	57	168	223	2.947	0.753	0.256	9.3	22.64
562	40.9302	116.0344	-200.1	245	DI	0	0	0	0	56	26.3	1928	54	130	202	2.407	0.644	0.267	9.2	22.62
563	40.9302	116.0349	-200.1	226	DI	0	0	0	0	49	25.9	1816	57	145	169	2.544	0.858	0.337	9.1	22.59
564	40.9302	116.0354	-200.1	234	DI	0	0	0	0	68	26.0	1816	34	163	164	4.794	0.994	0.207	9.1	22.58
565	40.9302	116.0358	-200.1	265	DI	0	0	0	0	57	26.7	1904	51	109	199	2.137	0.548	0.256	9.2	22.57
566	40.9302	116.0363	-200.1	301	MF	0	0	0	0	68	27.4	1949	51	146	140	2.863	1.043	0.364	9.3	22.58
567	40.9302	116.0367	-200.1	333	MF	0	0	0	0	77	28.0	1977	66	43	234	0.652	0.184	0.282	9.3	22.57
568	40.9302	116.0372	-200.1	368	MF	0	0	0	0	63	28.6	2085	54	118	244	2.185	0.484	0.221	9.2	22.56
569	40.9302	116.0377	-200.1	390	MF	0	0	0	0	54	29.0	2133	49	203	184	4.143	1.103	0.266	9.3	22.57
570	40.9302	116.0381	-200.1	402	MF	0	0	0	0	56	29.2	2057	48	146	179	3.042	0.816	0.268	9.3	22.57
571	40.9302	116.0386	-200.1	399	MF	0	0	0	0	63	31.3	1990	49	199	151	4.061	1.318	0.325	9.3	22.55
572	40.9302	116.0391	-200.1	395	MF	0	0	0	0	58	31.2	1971	51	73	193	1.431	0.378	0.264	9.2	22.54
573	40.9302	116.0395	-200.1	400	MF	0	0	0	0	68	31.3	1868	41	112	177	2.732	0.633	0.232	9.1	22.53
574	40.9302	116.0400	-200.1	410	MF	0	0	0	0	76	31.5	1909	43	102	199	2.372	0.513	0.216	9.2	22.55
575	40.9302	116.0404	-200.1	422	MF	0	0	0	0	77	31.7	2036	59	38	230	0.644	0.165	0.257	9.1	22.57
576	40.9302	116.0409	-200.1	440	MF	0	0	0	0	64	32.0	2073	43	221	155	5.140	1.426	0.277	9.1	22.55
577	40.9302	116.0414	-200.1	469	MF	0	0	0	0	56	32.5	2180	58	94	245	1.621	0.384	0.237	9.1	22.57
578	40.9302	116.0418	-200.1	484	MF	0	0	0	0	48	32.8	2166	73	81	190	1.110	0.426	0.384	9.1	22.55
579	40.9302	116.0423	-200.1	473	MF	0	0	0	0	64	32.6	2222	52	115	278	2.212	0.414	0.187	9.1	22.57
580	40.9302	116.0427	-200.1	446	MF	0	0	0	0	81	32.1	2280	58	111	263	1.914	0.422	0.221	9.0	22.57
581	40.9302	116.0432	-200.1	414	MF	0	0	0	0	73	31.6	2178	45	143	224	3.109	0.638	0.205	9.0	22.56
582	40.9302	116.0437	-200.1	380	MF	0	0	0	0	81	30.9	2214	59	177	196	3.000	0.903	0.301	9.0	22.54
583	40.9302	116.0441	-200.1	370	MF	0	0	0	0	75	30.7	2230	57	125	217	2.193	0.576	0.263	8.9	22.55
584	40.9302	116.0446	-200.1	381	MF	0	0	0	0	44	31.0	2345	72	194	245	2.694	0.792	0.294	8.9	22.55
585	40.9302	116.0450	-200.1	394	MF	0	0	0	0	59	31.2	2429	66	135	275	2.045	0.491	0.240	8.9	22.56
586	40.9302	116.0455	-200.1	393	MF	0	0	0	0	54	31.2	2483	63	113	302	1.794	0.374	0.209	9.0	22.57
587	40.9302	116.0460	-200.1	382	MF	0	0	0	0	50	31.0	2544	87	122	312	1.402	0.391	0.279	9.0	22.55
588	40.9302	116.0464	-200.1	374	MF	0	0	0	0	75	30.8	2522	65	201	278	3.092	0.723	0.234	9.1	22.55
589	40.9302	116.0469	-200.1	370	MF	0	0	0	0	70	30.7	2598	85	164	237	1.929	0.692	0.359	9.0	22.54
590	40.9302	116.0474	-200.1	367	TI2	0	0	0	0	45	24.9	2524	97	62	362	0.639	0.171	0.268	9.1	22.52
591	40.9302	116.0478	-200.1	362	TI2	0	0	0	0	67	24.8	2512	85	187	230	2.200	0.813	0.370	9.0	22.48
592	40.9302	116.0483	-200.1	361	TI2	0	0	0	0	72	24.8	2325	77	155	227	2.013	0.683	0.339	9.0	22.45
593	40.9302	116.0487	-200.1	364	TI2	0	0	0	0	51	24.9	2308	84	91	248	1.083	0.367	0.339	9.0	22.42
594	40.9302	116.0492	-200.1	370	TI2	0	0	0	0	62	24.9	2246	72	136	243	1.889	0.560	0.296	9.1	22.41
595	40.9302	116.0497	-200.1	370	TI2	0	0	0	0	51	24.9	2277	71	189	183	2.662	1.033	0.388	9.1	22.38

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
596	40.9302	116.0501	-200.1	366	TI2	0	0	0	0	55	24.9	2167	53	96	259	1.811	0.371	0.205	9.1	22.38
597	40.9302	116.0506	-200.1	350	TI2	0	0	0	0	82	24.6	2201	36	196	225	5.444	0.871	0.160	9.1	22.37
598	40.9302	116.0510	-200.1	342	TI2	0	0	1	0	72	24.5	2131	91	22	233	0.242	0.094	0.391	9.1	22.35
599	40.9302	116.0515	-200.1	346	TI2	0	0	0	0	85	24.6	2105	57	147	211	2.579	0.697	0.270	9.0	22.34
600	40.9302	116.0520	-200.1	351	TI2	0	0	0	0	66	24.7	2205	56	150	226	2.679	0.664	0.248	9.0	22.31
601	40.9302	116.0524	-200.1	348	TI2	0	0	0	0	79	24.6	2220	80	140	180	1.750	0.778	0.444	8.9	22.28
602	40.9302	116.0529	-200.1	342	TI2	0	0	0	0	80	24.5	2407	90	88	241	0.978	0.365	0.373	8.9	22.25
603	40.9302	116.0534	-200.1	334	TI2	0	0	0	0	84	24.4	2341	65	146	273	2.246	0.535	0.238	8.8	22.24
604	40.9302	116.0538	-200.1	323	TI2	0	0	0	0	59	24.2	2374	86	146	233	1.698	0.627	0.369	8.9	22.25
605	40.9302	116.0543	-200.1	316	TI2	0	0	0	0	60	24.1	2454	98	155	231	1.582	0.671	0.424	8.9	22.24
606	40.9302	116.0547	-200.1	307	TI2	0	0	0	0	72	24.0	2444	95	252	179	2.653	1.408	0.531	9.0	22.23
607	40.9302	116.0552	-200.1	294	TI2	0	0	0	0	64	23.7	2497	96	205	191	2.135	1.073	0.503	8.9	22.22
608	40.9302	116.0557	-200.1	282	TI2	0	0	0	0	86	23.5	2334	80	143	253	1.787	0.565	0.316	8.9	22.18
609	40.9302	116.0561	-200.1	266	TI2	0	0	0	0	66	25.5	2283	86	148	228	1.721	0.649	0.377	8.8	22.14
610	40.9302	116.0566	-200.1	246	TI2	0	0	0	0	73	25.1	2295	77	224	192	2.909	1.167	0.401	8.8	22.15
611	40.9302	116.0570	-200.1	228	TI2	0	0	0	0	70	24.7	2343	90	108	293	1.200	0.369	0.307	8.8	22.13
612	40.9302	116.0575	-200.1	216	TI2	0	0	0	0	77	24.5	2268	77	149	248	1.935	0.601	0.310	8.8	22.11
613	40.9302	116.0580	-200.1	208	TI2	0	0	0	0	85	24.3	2299	95	200	180	2.105	1.111	0.528	8.8	22.10
614	40.9302	116.0584	-200.1	202	TI2	0	0	0	0	86	24.2	2169	85	79	246	0.929	0.321	0.346	8.9	22.09
615	40.9302	116.0589	-200.1	198	WF	0	0	0	0	62	24.1	2258	70	182	225	2.600	0.809	0.311	8.9	22.09
616	40.9302	116.0594	-200.1	191	WF	0	0	0	0	72	24.0	2183	84	166	189	1.976	0.878	0.444	8.9	22.07
617	40.9302	116.0598	-200.1	191	WF	0	0	0	0	72	24.0	2223	83	202	225	2.434	0.898	0.369	8.9	22.08
618	40.9302	116.0603	-200.1	188	WF	0	0	0	0	79	23.9	2261	68	171	248	2.515	0.690	0.274	8.8	22.04
619	40.9302	116.0607	-200.1	191	WF	0	0	0	0	70	24.0	2228	80	97	262	1.213	0.370	0.305	8.7	22.03
620	40.9302	116.0612	-200.1	203	WF	0	0	0	0	74	24.2	2240	65	170	264	2.615	0.644	0.246	8.7	22.01
621	40.9302	116.0617	-200.1	225	WF	0	0	0	0	68	24.7	2149	63	162	251	2.571	0.645	0.251	8.7	22.03
622	40.9302	116.0621	-200.1	249	WF	0	0	0	0	65	25.1	2372	92	126	264	1.370	0.477	0.348	8.6	22.04
623	40.9302	116.0626	-200.1	273	WF	0	0	0	0	70	25.6	2250	81	147	237	1.815	0.620	0.342	8.6	22.05
624	40.9302	116.0630	-200.1	298	WF	0	0	0	0	63	26.1	2255	71	183	202	2.577	0.906	0.351	8.6	22.05
625	40.9302	116.0635	-200.1	321	WF	0	0	0	0	72	26.5	2251	87	66	300	0.759	0.220	0.290	8.5	22.05
626	40.9302	116.0640	-200.1	342	WF	0	0	0	0	89	26.8	2230	58	127	224	2.190	0.567	0.259	8.5	22.06
627	40.9302	116.0644	-200.1	361	WF	0	0	0	0	75	27.2	2209	70	159	214	2.271	0.743	0.327	8.5	22.08
628	40.9302	116.0649	-200.1	377	WF	0	0	0	0	68	25.1	2143	54	151	222	2.796	0.680	0.243	8.4	22.07
629	40.9302	116.0653	-200.1	394	WF	0	0	0	0	76	25.4	2224	57	118	216	2.070	0.546	0.264	8.4	22.07
630	40.9302	116.0658	-200.1	414	WF	0	0	0	0	81	25.6	2232	55	123	216	2.236	0.569	0.255	8.3	22.06
631	40.9302	116.0663	-200.1	432	WF	0	0	0	0	59	25.9	2211	71	90	193	1.268	0.466	0.368	8.3	22.09
632	40.9302	116.0667	-200.1	448	WF	0	0	0	0	78	26.2	2196	65	141	172	2.169	0.820	0.378	8.3	22.10
633	40.9302	116.0672	-200.1	472	WF	0	0	0	0	68	26.5	2146	78	49	246	0.628	0.199	0.317	8.2	22.11
634	40.9302	116.0677	-200.1	484	WF	0	0	0	0	73	26.6	2215	55	185	174	3.364	1.063	0.316	8.2	22.12
635	40.9302	116.0681	-200.1	485	WF	0	0	0	0	67	26.7	2106	57	111	208	1.947	0.534	0.274	8.3	22.15
636	40.9302	116.0686	-200.1	492	WF	0	0	0	0	70	26.8	2070	47	209	150	4.447	1.393	0.313	8.3	22.18
637	40.9302	116.0690	-200.1	489	WF	0	0	0	0	82	26.7	2047	69	51	197	0.739	0.259	0.350	8.2	22.18
638	40.9302	116.0695	-200.1	484	WF	0	0	0	0	55	26.6	2049	61	152	156	2.492	0.974	0.391	8.2	22.20
639	40.9302	116.0700	-200.1	465	WF	0	0	0	0	57	26.4	1932	60	66	217	1.100	0.304	0.276	8.2	22.21
640	40.9302	116.0704	-200.1	429	WF	0	0	0	0	51	25.9	1857	54	167	127	3.093	1.315	0.425	8.2	22.21
641	40.9302	116.0709	-200.1	395	WF	0	0	0	0	48	25.4	1797	47	108	179	2.298	0.603	0.263	8.2	22.21
642	40.9302	116.0713	-200.1	355	WF	0	0	0	0	68	24.8	1761	39	93	167	2.385	0.557	0.234	8.2	22.22
643	40.9302	116.0718	-200.1	316	WF	0	0	0	0	76	24.1	1701	50	102	138	2.040	0.739	0.362	8.2	22.25
644	40.9302	116.0723	-200.1	280	WF	0	0	0	0	59	23.5	1602	18	134	154	7.444	0.870	0.117	8.1	22.26
645	40.9302	116.0727	-200.1	249	WF	0	0	0	0	76	23.0	1602	50	75	144	1.500	0.521	0.347	8.2	22.29
646	40.9302	116.0732	-200.1	228	WF	0	0	0	0	56	22.6	1618	54	80	152	1.481	0.526	0.355	8.2	22.30
647	40.9302	116.0737	-200.1	217	WF	0	0	0	0	56	25.1	1571	40	60	155	1.500	0.387	0.258	8.3	22.31
648	40.9302	116.0741	-200.1	202	WF	0	0	0	0	58	24.7	1574	47	87	159	1.851	0.547	0.296	8.3	22.33
649	40.9302	116.0746	-200.1	194	TI2	0	0	0	0	74	24.6	1567	45	96	138	2.133	0.696	0.326	8.2	22.32

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
650	40.9302	116.0750	-200.1	190	TI2	0	0	0	0	60	24.5	1545	43	113	135	2.628	0.837	0.319	8.2	22.31
651	40.9302	116.0755	-200.1	189	TI2	0	0	0	0	63	24.5	1566	34	114	158	3.353	0.722	0.215	8.2	22.31
652	40.9302	116.0760	-200.1	192	TI2	0	0	0	0	72	24.5	1672	39	116	148	2.974	0.784	0.264	8.2	22.31
653	40.9302	116.0764	-200.1	203	TI2	0	0	0	0	70	24.8	1724	41	180	141	4.390	1.277	0.291	8.2	22.31
654	40.9302	116.0769	-200.1	222	TI2	0	0	0	0	60	25.2	1739	44	165	142	3.750	1.162	0.310	8.3	22.34
655	40.9302	116.0773	-200.1	244	TI2	0	0	0	0	69	25.6	1835	44	175	145	3.977	1.207	0.303	8.4	22.31
656	40.9302	116.0778	-200.1	266	TI2	0	0	0	0	58	26.0	1898	53	113	193	2.132	0.585	0.275	8.4	22.35
657	40.9302	116.0783	-200.1	287	TI2	0	0	0	0	54	26.4	1969	35	220	155	6.286	1.419	0.226	8.5	22.33
658	40.9302	116.0787	-200.1	307	TI2	0	0	0	0	57	26.8	1867	51	114	165	2.235	0.691	0.309	8.5	22.34
659	40.9302	116.0792	-200.1	331	TI2	0	0	0	0	69	27.2	1972	51	161	187	3.157	0.861	0.273	8.5	22.33
660	40.9302	116.0797	-200.1	351	TI2	0	0	0	0	67	27.6	2040	51	235	139	4.608	1.691	0.367	8.5	22.35
661	40.9302	116.0801	-200.1	363	TI2	0	0	0	0	62	27.8	2029	58	140	182	2.414	0.769	0.319	8.5	22.38
662	40.9302	116.0806	-200.1	374	TI2	0	0	0	0	60	28.0	2136	43	191	194	4.442	0.985	0.222	8.5	22.39
663	40.9302	116.0810	-200.1	391	TI2	0	0	0	0	64	28.3	2161	40	243	166	6.075	1.464	0.241	8.6	22.43
664	40.9302	116.0815	-200.1	410	TI2	0	0	0	0	58	28.6	2120	44	223	178	5.068	1.253	0.247	8.6	22.42
665	40.9302	116.0820	-200.1	428	TI2	0	0	0	0	75	28.9	2137	45	193	175	4.289	1.103	0.257	8.7	22.45
666	40.9302	116.0824	-200.1	449	TI2	0	0	0	0	65	27.6	2207	71	88	228	1.239	0.386	0.311	8.6	22.44
667	40.9303	116.0829	-200.1	473	TI2	0	0	0	0	65	28.0	2216	46	172	230	3.739	0.748	0.200	8.7	22.45
668	40.9303	116.0833	-200.1	478	TI2	0	0	0	0	49	28.0	2311	76	142	234	1.868	0.607	0.325	8.6	22.43
669	40.9303	116.0838	-200.1	484	TI2	0	0	0	0	66	28.1	2334	72	87	257	1.208	0.339	0.280	8.6	22.46
670	40.9303	116.0843	-200.1	481	TI2	0	0	0	0	80	28.1	2419	55	176	257	3.200	0.685	0.214	8.6	22.47
671	40.9303	116.0848	-200.1	465	TI2	0	0	0	0	60	27.9	2465	94	154	240	1.638	0.642	0.392	8.6	22.47
672	40.9303	116.0853	-200.1	440	TI2	0	0	0	0	77	27.5	2444	103	92	249	0.893	0.369	0.414	8.6	22.49
673	40.9303	116.0858	-200.1	408	TI2	0	0	0	0	66	27.0	2464	88	132	248	1.500	0.532	0.355	8.7	22.52
674	40.9303	116.0864	-200.1	388	TI2	0	0	0	0	66	26.7	2387	78	138	265	1.769	0.521	0.294	8.7	22.55
675	40.9303	116.0869	-200.1	377	TI2	0	0	0	0	74	26.5	2420	84	162	236	1.929	0.686	0.356	8.7	22.56
676	40.9303	116.0874	-200.1	373	TI2	0	0	0	0	58	26.4	2407	76	193	234	2.539	0.825	0.325	8.7	22.57
677	40.9303	116.0879	-200.1	379	TS3	0	0	0	0	68	26.5	2421	94	148	219	1.574	0.676	0.429	8.7	22.56
678	40.9303	116.0884	-200.1	386	TS3	0	0	0	0	73	26.6	2427	63	206	247	3.270	0.834	0.255	8.8	22.56
679	40.9303	116.0889	-200.1	397	TS3	0	0	0	0	70	26.8	2367	56	232	206	4.143	1.126	0.272	8.8	22.55
680	40.9303	116.0894	-200.1	413	TS3	0	0	0	0	66	27.1	2266	67	139	239	2.075	0.582	0.280	8.8	22.55
681	40.9303	116.0899	-200.1	432	TS3	0	0	0	0	82	27.4	2424	85	162	218	1.906	0.743	0.390	8.8	22.56
682	40.9303	116.0904	-200.1	451	TS3	0	0	0	0	68	27.6	2363	83	123	192	1.482	0.641	0.432	8.9	22.60
683	40.9303	116.0909	-200.1	450	TS3	0	0	0	0	65	27.6	2404	87	74	263	0.851	0.281	0.331	8.9	22.60
684	40.9303	116.0914	-200.1	449	TS3	0	0	0	0	63	27.6	2301	71	107	246	1.507	0.435	0.289	8.9	22.61
685	40.9303	116.0919	-200.1	458	TS3	0	0	0	0	65	25.6	2348	82	132	242	1.610	0.545	0.339	9.1	22.63
686	40.9303	116.0924	-200.1	466	TS3	0	0	0	0	60	25.7	2405	96	102	229	1.063	0.445	0.419	9.0	22.63
687	40.9303	116.0929	-200.1	475	TS3	0	0	0	0	43	25.8	2403	90	148	232	1.644	0.638	0.388	9.0	22.61
688	40.9303	116.0934	-200.1	475	TS3	0	0	0	0	48	25.8	2456	87	174	226	2.000	0.770	0.385	9.0	22.61
689	40.9303	116.0939	-200.1	461	TS3	0	0	0	0	57	25.6	2380	67	178	237	2.657	0.751	0.283	9.0	22.63
690	40.9303	116.0944	-200.1	448	TS3	0	0	0	0	47	25.4	2307	77	181	176	2.351	1.028	0.438	9.1	22.63
691	40.9303	116.0949	-200.1	443	TS3	0	0	0	0	56	25.4	2330	80	107	224	1.338	0.479	0.357	9.1	22.65
692	40.9303	116.0954	-200.1	446	TS3	0	0	0	0	66	25.4	2362	79	167	178	2.114	0.938	0.444	9.2	22.69
693	40.9303	116.0959	-200.1	452	TS3	0	0	0	0	52	25.5	2458	96	175	193	1.823	0.907	0.497	9.3	22.72
694	40.9303	116.0964	-200.1	452	TS3	0	0	0	0	73	25.5	2310	67	135	240	2.015	0.563	0.279	9.3	22.71
695	40.9303	116.0969	-200.1	446	TS3	0	0	0	0	62	25.4	2336	78	60	258	0.769	0.233	0.302	9.3	22.74
696	40.9303	116.0974	-200.1	473	TS3	0	0	0	0	66	25.8	2363	63	118	241	1.873	0.490	0.261	9.3	22.73
697	40.9303	116.0979	-200.1	486	TS3	0	0	0	0	40	26.0	2328	71	229	199	3.225	1.151	0.357	9.3	22.74
698	40.9303	116.0984	-200.1	476	TS3	0	0	0	0	60	25.8	2203	83	79	218	0.952	0.362	0.381	9.3	22.74
699	40.9303	116.0989	-200.1	459	TS3	0	0	0	0	60	25.6	2213	107	58	206	0.542	0.282	0.519	9.3	22.75
700	40.9303	116.0994	-200.1	444	TS3	0	0	0	0	71	25.4	2137	90	83	174	0.922	0.477	0.517	9.3	22.77
701	40.9303	116.0999	-200.1	436	TS3	0	0	0	0	58	25.3	2145	71	130	158	1.831	0.823	0.449	9.3	22.77
702	40.9303	116.1004	-200.1	438	TS3	0	0	0	0	56	25.3	2095	73	52	238	0.712	0.218	0.307	9.4	22.79
703	40.9303	116.1009	-200.1	456	TS3	0	0	0	0	68	25.5	2195	65	170	177	2.615	0.960	0.367	9.5	22.82

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI		BI:TL	BI:K	TL:K	TEMP	BP
704	40.9303	116.1014	-200.1	478	TS3	0	0	0	0	74	23.8	2252	59	146	185	2.475	0.789	0.319	9.6	22.83
705	40.9303	116.1019	-200.1	487	TS3	0	0	0	0	59	23.9	2226	95	74	189	0.779	0.392	0.503	9.6	22.84
706	40.9303	116.1024	-200.1	484	TS3	0	0	0	0	80	23.8	2142	67	112	140	1.672	0.800	0.479	9.7	22.86
707	40.9303	116.1029	-200.1	473	TS3	0	0	0	0	64	23.7	2201	66	97	181	1.470	0.536	0.365	9.6	22.85
708	40.9303	116.1034	-200.1	470	TS3	0	0	0	0	57	23.7	2157	81	117	192	1.444	0.609	0.422	9.7	22.86
709	40.9303	116.1039	-200.1	470	TS3	0	0	0	0	55	23.7	2236	93	104	239	1.118	0.435	0.389	9.7	22.86
710	40.9303	116.1044	-200.1	468	TS3	0	0	0	0	61	23.7	2131	79	96	185	1.215	0.519	0.427	9.6	22.87
711	40.9303	116.1049	-200.1	461	TS3	0	0	0	0	55	23.6	2143	80	159	148	1.987	1.074	0.541	9.7	22.89
712	40.9303	116.1054	-200.1	450	TS3	0	0	0	0	47	23.4	2233	79	165	198	2.089	0.833	0.399	9.7	22.88
713	40.9303	116.1059	-200.1	447	TS3	0	0	0	0	64	23.4	2229	101	124	142	1.228	0.873	0.711	9.9	22.93
714	40.9303	116.1064	-200.1	442	TS3	0	0	0	0	81	23.3	2213	76	120	209	1.579	0.574	0.364	9.8	22.91
715	40.9303	116.1069	-200.1	434	TS3	0	0	0	0	74	23.2	2209	76	169	150	2.224	1.127	0.507	9.9	22.94
716	40.9303	116.1074	-200.1	424	TS3	0	0	0	0	61	23.1	2188	58	102	210	1.759	0.486	0.276	10.0	22.97
717	40.9303	116.1079	-200.1	409	TS3	0	0	0	0	64	22.9	2301	80	157	197	1.963	0.797	0.406	10.0	22.99
718	40.9303	116.1084	-200.1	391	TS3	0	0	0	0	65	22.7	2284	59	227	174	3.847	1.305	0.339	10.0	22.99
719	40.9303	116.1089	-200.1	386	TS3	0	0	0	0	37	22.6	2207	65	165	179	2.538	0.922	0.363	10.0	23.00
720	40.9303	116.1094	-200.1	388	TS3	0	0	0	0	65	22.6	2252	75	125	198	1.667	0.631	0.379	10.1	22.99
721	40.9303	116.1099	-200.1	398	TS3	0	0	0	0	64	22.7	2147	74	151	169	2.041	0.893	0.438	10.0	22.98
722	40.9303	116.1104	-200.1	413	TS3	0	0	0	0	51	23.0	2368	77	200	183	2.597	1.093	0.421	10.1	22.99
723	40.9303	116.1109	-200.1	426	TS3	0	0	0	0	56	23.8	2389	81	183	203	2.259	0.901	0.399	10.3	22.99
724	40.9303	116.1114	-200.1	437	TS3	0	0	0	0	57	24.0	2514	94	146	208	1.553	0.702	0.452	10.4	23.01
725	40.9303	116.1119	-200.1	437	TS3	0	0	0	0	60	24.0	2645	101	177	249	1.752	0.711	0.406	10.5	23.03
726	40.9303	116.1124	-200.1	431	TS3	0	0	0	0	51	23.9	2500	68	208	270	3.059	0.770	0.252	10.6	23.01
727	40.9303	116.1129	-200.1	414	TS3	0	0	0	0	63	23.7	2668	108	138	245	1.278	0.563	0.441	10.7	23.05
728	40.9303	116.1134	-200.1	388	TS3	0	0	0	0	64	23.3	2675	93	168	258	1.806	0.651	0.360	10.8	23.04
729	40.9303	116.1139	-200.1	350	TS3	0	0	0	0	64	22.8	2447	82	224	207	2.732	1.082	0.396	10.8	23.05
730	40.9303	116.1144	-200.1	333	TS3	0	0	0	0	67	22.5	2438	77	229	226	2.974	1.013	0.341	10.8	23.02
731	40.9303	116.1149	-200.1	318	TS3	0	0	0	0	59	22.3	2506	93	130	261	1.398	0.498	0.356	10.8	23.03
732	40.9303	116.1154	-200.1	299	TS3	0	0	0	0	65	22.0	2470	78	191	247	2.449	0.773	0.316	10.9	23.02
733	40.9303	116.1159	-200.1	291	TS3	0	0	0	0	71	21.9	2481	99	140	216	1.414	0.648	0.458	11.0	23.04
734	40.9303	116.1164	-200.1	292	TS3	0	0	0	0	52	21.9	2381	70	279	179	3.986	1.559	0.391	11.1	23.09
735	40.9303	116.1169	-200.1	296	TS3	0	0	0	0	55	21.9	2364	98	114	218	1.163	0.523	0.450	11.1	23.08
736	40.9303	116.1174	-200.1	299	TS3	0	0	0	0	73	22.0	2271	80	103	229	1.287	0.450	0.349	11.3	23.07
737	40.9303	116.1179	-200.1	298	TS3	0	0	0	0	66	22.0	2185	81	135	193	1.667	0.699	0.420	11.3	23.07
738	40.9303	116.1184	-200.1	302	TS3	0	0	0	0	65	22.0	2260	81	161	195	1.988	0.826	0.415	11.3	23.07
739	40.9303	116.1189	-200.1	308	TS3	0	0	0	0	59	22.1	2129	54	135	215	2.500	0.628	0.251	11.3	23.05
740	40.9303	116.1194	-200.1	318	TS3	0	0	0	0	59	22.3	2131	56	184	181	3.286	1.017	0.309	11.5	23.06
741	40.9303	116.1199	-200.1	324	TS3	0	0	0	0	61	22.4	1987	42	188	175	4.476	1.074	0.240	11.5	23.05
742	40.9303	116.1204	-200.1	337	TS3	0	0	0	0	48	27.8	1900	82	84	169	1.024	0.497	0.485	11.6	23.07
743	40.9303	116.1209	-200.1	371	TS3	0	0	0	0	55	28.4	1974	62	79	204	1.274	0.387	0.304	11.7	23.10
744	40.9303	116.1214	-200.1	383	TS3	0	0	0	0	47	28.6	1971	45	159	175	3.533	0.909	0.257	11.8	23.14
745	40.9303	116.1219	-200.1	347	TS3	0	0	0	0	58	28.0	1820	56	148	121	2.643	1.223	0.463	11.8	23.13
746	40.9303	116.1224	-200.1	322	TS3	0	0	0	0	45	27.5	1804	39	153	160	3.923	0.956	0.244	11.9	23.10
747	40.9303	116.1229	-200.1	317	WF	0	0	0	0	74	27.4	1776	27	162	133	6.000	1.218	0.203	11.9	23.10
748	40.9303	116.1234	-200.1	308	WF	0	0	0	0	47	27.3	1804	51	164	149	3.216	1.101	0.342	11.8	23.09
749	40.9303	116.1239	-200.1	312	WF	0	0	0	0	68	27.4	1770	44	157	114	3.568	1.377	0.386	11.9	23.09
750	40.9303	116.1244	-200.1	346	WF	0	0	0	0	53	28.0	1890	65	107	167	1.646	0.641	0.389	12.0	23.10
751	40.9303	116.1249	-200.1	376	WF	0	0	0	0	53	28.5	1942	60	101	166	1.683	0.608	0.361	12.1	23.12
752	40.9303	116.1254	-200.1	401	WF	0	0	0	0	50	28.9	1990	60	147	169	2.450	0.870	0.355	12.1	23.10
753	40.9303	116.1259	-200.1	417	WF	0	0	0	0	78	29.2	1920	43	156	131	3.628	1.191	0.328	12.2	23.11
754	40.9303	116.1264	-200.1	414	WF	0	0	0	0	49	29.1	1949	68	106	141	1.559	0.752	0.482	12.2	23.08
755	40.9303	116.1269	-200.1	389	WF	0	0	0	0	66	28.7	2034	57	93	218	1.632	0.427	0.261	12.2	23.09
756	40.9303	116.1274	-200.1	340	WF	0	0	0	0	67	27.9	1887	57	84	177	1.474	0.475	0.322	12.2	23.09
757	40.9303	116.1279	-200.1	322	WF	0	0	0	0	48	27.5	1804	38	144	181	3.789	0.796	0.210	12.2	23.10

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
758	40.9303	116.1284	-200.1	345	WF	0	0	0	0	60	28.0	1807	38	188	135	4.947	1.393	0.281	12.3	23.11
759	40.9303	116.1289	-200.1	401	WF	0	0	0	0	58	28.9	1940	51	126	178	2.471	0.708	0.287	12.4	23.15
760	40.9303	116.1294	-200.1	421	TS3	0	0	0	0	47	29.3	1890	44	80	197	1.818	0.406	0.223	12.4	23.14
761	40.9303	116.1299	-200.1	414	TS3	0	0	0	0	67	32.5	1872	55	83	121	1.509	0.686	0.455	12.3	23.12
762	40.9303	116.1304	-200.1	418	TS3	0	0	0	0	42	32.6	1928	47	136	143	2.894	0.951	0.329	12.4	23.09
763	40.9303	116.1309	-200.1	393	TS3	0	0	0	0	69	32.1	1846	47	180	116	3.830	1.552	0.405	12.2	23.09
764	40.9303	116.1314	-200.1	362	TS3	0	0	0	0	51	31.5	1741	52	77	173	1.481	0.445	0.301	12.3	23.08
765	40.9303	116.1319	-200.1	333	TS3	0	0	0	0	56	30.9	1764	42	162	128	3.857	1.266	0.328	12.3	23.10
766	40.9303	116.1324	-200.1	313	TS3	0	0	0	0	50	30.5	1856	69	63	177	0.913	0.356	0.390	12.4	23.10
767	40.9303	116.1329	-200.1	290	TS3	0	0	0	0	52	30.0	1751	42	92	197	2.190	0.467	0.213	12.4	23.11
768	40.9303	116.1334	-200.1	286	TS3	0	0	0	0	52	30.0	1727	35	105	180	3.000	0.583	0.194	12.5	23.13
769	40.9303	116.1339	-200.1	310	TS3	0	0	0	0	48	30.5	1754	67	145	105	2.164	1.381	0.638	12.5	23.11
770	40.9303	116.1344	-200.1	344	TS3	0	0	0	0	44	31.2	1851	64	100	172	1.563	0.581	0.372	12.5	23.07
771	40.9303	116.1349	-200.1	362	TS3	0	0	0	0	51	31.5	1709	44	135	120	3.068	1.125	0.367	12.5	23.05
772	40.9303	116.1354	-200.1	352	TS3	0	0	0	0	52	31.3	1702	57	80	138	1.404	0.580	0.413	12.4	23.02
773	40.9303	116.1359	-200.1	334	TS3	0	0	0	0	65	31.0	1594	36	61	158	1.694	0.386	0.228	12.4	23.01
774	40.9303	116.1364	-200.1	325	TS3	0	0	0	0	53	30.8	1657	39	94	159	2.410	0.591	0.245	12.5	23.05
775	40.9303	116.1369	-200.1	333	TS3	0	0	0	0	60	30.9	1741	45	91	161	2.022	0.565	0.280	12.5	23.08
776	40.9303	116.1374	-200.1	343	TS3	0	0	0	0	52	31.1	1705	60	111	92	1.850	1.207	0.652	12.5	23.06
777	40.9303	116.1379	-200.1	351	TS3	0	0	0	0	54	31.3	1739	52	83	159	1.596	0.522	0.327	12.5	23.05
778	40.9303	116.1384	-200.1	358	TS3	0	0	0	0	65	31.4	1748	47	103	130	2.191	0.792	0.362	12.5	23.03
779	40.9303	116.1389	-200.1	367	TS3	0	0	0	0	43	31.6	1761	55	94	144	1.709	0.653	0.382	12.4	23.03
780	40.9303	116.1394	-200.1	377	TS3	0	0	0	0	65	36.3	1818	50	88	191	1.760	0.461	0.262	12.3	23.01
781	40.9303	116.1399	-200.1	386	TS3	0	0	0	0	63	36.5	1893	53	76	200	1.434	0.380	0.265	12.3	23.03
782	40.9303	116.1404	-200.1	394	TS3	0	0	0	0	66	36.6	1878	44	98	189	2.227	0.519	0.233	12.3	23.03
783	40.9303	116.1409	-200.1	399	TS3	0	0	0	0	56	36.7	1733	51	71	143	1.392	0.497	0.357	12.3	23.03
784	40.9303	116.1414	-200.1	403	TS3	0	0	0	0	51	36.8	1833	50	134	123	2.680	1.089	0.407	12.4	23.04
785	40.9303	116.1419	-200.1	405	TS3	0	0	0	0	71	36.9	1838	49	107	157	2.184	0.682	0.312	12.4	23.05
786	40.9303	116.1424	-200.1	408	TS3	0	0	0	0	69	37.0	1844	44	112	133	2.545	0.842	0.331	12.4	23.05
787	40.9303	116.1429	-200.1	411	TS3	0	0	0	0	65	37.0	1842	50	41	198	0.820	0.207	0.253	12.3	23.05
788	40.9303	116.1434	-200.1	412	TS3	0	0	0	0	65	37.0	1904	60	124	113	2.067	1.097	0.531	12.3	23.03
789	40.9303	116.1439	-200.1	413	TS3	0	0	0	0	67	37.1	1815	42	66	178	1.571	0.371	0.236	12.2	23.01
790	40.9303	116.1444	-200.1	415	TS3	0	0	0	0	44	37.1	1795	61	86	165	1.410	0.521	0.370	12.2	23.03
791	40.9303	116.1449	-200.1	419	TS3	0	0	0	0	67	37.2	1808	51	134	135	2.627	0.993	0.378	12.1	23.03
792	40.9303	116.1454	-200.1	422	TS3	0	0	0	0	62	37.3	1800	51	93	140	1.824	0.664	0.364	12.2	23.03
793	40.9303	116.1459	-200.1	434	TS3	0	0	0	0	56	37.5	1960	52	82	187	1.577	0.439	0.278	12.3	23.06
794	40.9303	116.1464	-200.1	435	TS3	0	0	0	0	56	37.5	1880	68	47	172	0.691	0.273	0.395	12.3	23.06
795	40.9303	116.1469	-200.1	434	TS3	0	0	0	0	52	37.5	1851	50	163	123	3.260	1.325	0.407	12.2	23.07
796	40.9303	116.1474	-200.1	428	TS3	0	0	0	0	57	37.4	1909	47	180	155	3.830	1.161	0.303	12.3	23.07
797	40.9303	116.1479	-200.1	421	TS3	0	0	0	0	51	37.2	1872	37	156	144	4.216	1.083	0.257	12.3	23.06
798	40.9303	116.1484	-200.1	414	TS3	0	0	0	0	50	37.1	1832	50	110	149	2.200	0.738	0.336	12.2	23.06
799	40.9303	116.1489	-200.1	411	TS3	0	0	0	0	44	34.9	1880	64	80	149	1.250	0.537	0.430	12.3	23.06
800	40.9303	116.1494	-200.1	429	TS3	0	0	0	0	55	35.2	1890	59	151	114	2.559	1.325	0.518	12.3	23.07
801	40.9303	116.1499	-200.1	458	TS3	0	0	0	0	63	35.8	1941	44	80	241	1.818	0.332	0.183	12.4	23.09
802	40.9303	116.1504	-200.1	478	TS3	0	0	0	0	60	36.2	1969	81	88	146	1.086	0.603	0.555	12.5	23.09
803	40.9303	116.1509	-200.1	480	TS3	0	0	0	0	48	36.2	1999	56	162	152	2.893	1.066	0.368	12.5	23.10
804	40.9303	116.1514	-200.1	467	TS3	0	0	0	0	58	36.0	1961	51	38	204	0.745	0.136	0.250	12.5	23.13
805	40.9303	116.1519	-200.1	481	TS3	0	0	0	0	53	36.2	1991	69	82	146	1.188	0.562	0.473	12.5	23.12
806	40.9303	116.1525	-200.1	485	TS3	0	0	0	0	77	36.3	2030	71	128	120	1.803	1.067	0.592	12.5	23.10
807	40.9303	116.1530	-200.1	486	TS3	0	0	0	0	64	36.3	1954	68	75	228	1.103	0.329	0.298	12.4	23.12
808	40.9303	116.1535	-200.1	486	TS3	0	0	0	0	70	36.3	1929	59	72	195	1.220	0.369	0.303	12.5	23.12
809	40.9303	116.1540	-200.1	483	TS3	0	0	0	0	48	36.2	1950	68	127	144	1.868	0.882	0.472	12.4	23.11
810	40.9303	116.1545	-200.1	473	TS3	0	0	0	0	53	36.1	1986	56	131	155	2.339	0.845	0.361	12.4	23.15
811	40.9303	116.1550	-200.1	444	TS3	0	0	0	0	68	35.5	1860	52	47	208	0.904	0.226	0.250	12.4	23.17

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
812	40.9303	116.1555	-200.1	421	TS3	0	0	0	0	64	35.1	1806	51	130	101	2.549	1.287	0.505	12.5	23.18
813	40.9303	116.1560	-200.1	378	TS3	0	0	0	0	58	34.2	1863	48	95	169	1.979	0.562	0.284	12.5	23.20
814	40.9303	116.1565	-200.1	341	TS3	0	0	0	0	64	33.4	1845	48	72	184	1.500	0.391	0.261	12.5	23.21
815	40.9303	116.1570	-200.1	330	TS3	0	0	0	0	59	33.2	1770	47	123	147	2.617	0.837	0.320	12.4	23.20
816	40.9303	116.1575	-200.1	340	TS3	0	0	0	0	56	33.4	1799	49	133	125	2.714	1.064	0.392	12.3	23.18
817	40.9303	116.1580	-200.1	370	TS3	0	0	0	0	58	34.0	1880	70	39	174	0.557	0.224	0.402	12.4	23.21
818	40.9303	116.1585	-200.1	391	TS3	0	0	0	0	56	38.3	1836	65	122	148	1.877	0.824	0.439	12.3	23.18
819	40.9303	116.1590	-200.1	396	QTSU	0	0	0	0	65	38.4	1779	50	117	146	2.340	0.801	0.342	12.3	23.18
820	40.9303	116.1595	-200.1	399	QTSU	0	0	0	0	58	38.5	1713	32	151	132	4.719	1.144	0.242	12.4	23.19
821	40.9303	116.1600	-200.1	401	QTSU	0	0	0	0	65	38.5	1771	63	52	145	0.825	0.359	0.434	12.5	23.22
822	40.9303	116.1605	-200.1	383	QTSU	0	0	0	0	48	38.1	1765	52	61	178	1.173	0.343	0.292	12.4	23.22
823	40.9303	116.1610	-200.1	375	QTSU	0	0	0	0	62	37.9	1688	33	120	124	3.636	0.968	0.266	12.5	23.20
824	40.9303	116.1615	-200.1	390	QTSU	0	0	0	0	35	38.3	1728	46	93	182	2.022	0.511	0.253	12.4	23.20
825	40.9303	116.1620	-200.1	419	QTSU	0	0	0	0	53	38.9	1839	51	83	147	1.627	0.565	0.347	12.3	23.22
826	40.9304	116.1625	-200.1	444	QTSU	0	0	0	0	61	39.5	1841	62	81	161	1.306	0.503	0.385	12.3	23.21
827	40.9304	116.1630	-200.1	466	QTSU	0	0	0	0	65	39.9	1925	58	103	176	1.776	0.585	0.330	12.3	23.22
828	40.9304	116.1635	-200.1	485	QTSU	0	0	0	0	56	40.3	1916	55	119	122	2.164	0.975	0.451	12.3	23.23
829	40.9304	116.1640	-200.1	489	QTSU	0	0	0	0	61	40.4	1929	46	120	133	2.609	0.902	0.346	12.4	23.25
830	40.9304	116.1645	-200.1	489	QTSU	0	0	0	0	54	40.4	1890	41	140	176	3.415	0.795	0.233	12.4	23.25
831	40.9304	116.1650	-200.1	490	QTSU	0	0	0	0	40	40.4	1910	47	137	145	2.915	0.945	0.324	12.4	23.27
832	40.9304	116.1655	-200.1	494	QTSU	0	0	0	0	66	40.5	1879	44	86	176	1.955	0.489	0.250	12.5	23.29
833	40.9304	116.1660	-200.1	497	QTSU	0	0	0	0	35	40.6	1876	50	122	144	2.440	0.847	0.347	12.5	23.31
834	40.9304	116.1665	-200.1	499	QTSU	0	0	0	0	54	40.6	1940	61	102	138	1.672	0.739	0.442	12.4	23.30
835	40.9304	116.1670	-200.1	499	QTSU	0	0	0	0	48	40.6	1839	42	139	153	3.310	0.908	0.275	12.4	23.30
836	40.9304	116.1675	-200.1	499	QTSU	0	0	0	0	68	40.6	1998	54	125	154	2.315	0.812	0.351	12.3	23.32
837	40.9304	116.1680	-200.1	496	QTSU	0	0	0	0	54	36.9	2055	56	112	191	2.000	0.586	0.293	12.3	23.35
838	40.9304	116.1685	-200.1	491	QTSU	0	0	0	0	40	36.8	1923	57	170	120	2.982	1.417	0.475	12.3	23.36
839	40.9304	116.1690	-200.1	490	QTSU	0	0	0	0	62	36.7	2006	43	144	168	3.349	0.857	0.256	12.3	23.37
840	40.9304	116.1695	-200.1	485	QTSU	0	0	0	0	61	36.6	2078	62	106	196	1.710	0.541	0.316	12.3	23.37
841	40.9304	116.1700	-200.1	485	QTSU	0	0	0	0	52	36.6	2077	59	122	168	2.068	0.726	0.351	12.4	23.43
842	40.9304	116.1705	-200.1	477	QTSU	0	0	0	0	53	36.5	2047	47	115	182	2.447	0.632	0.258	12.4	23.45
843	40.9304	116.1710	-200.1	475	QTSU	0	0	0	0	57	36.5	1932	45	130	166	2.889	0.783	0.271	12.5	23.47
844	40.9304	116.1715	-200.1	468	QTSU	0	0	0	0	58	36.3	1918	57	66	188	1.158	0.351	0.303	12.5	23.49
845	40.9304	116.1720	-200.1	461	QTSU	0	0	0	0	55	36.2	2000	43	139	172	3.233	0.808	0.250	12.5	23.50
846	40.9304	116.1725	-200.1	445	QTSU	0	0	0	0	54	35.9	1919	45	120	188	2.667	0.638	0.239	12.4	23.49
847	40.9304	116.1730	-200.1	435	QTSU	0	0	0	0	65	35.7	1974	58	115	144	1.983	0.799	0.403	12.5	23.50
848	40.9304	116.1735	-200.1	433	QA2	0	0	0	0	64	35.6	1918	47	91	202	1.936	0.450	0.233	12.5	23.51
849	40.9304	116.1740	-200.1	434	QA2	0	0	0	0	55	35.7	1967	62	46	206	0.742	0.223	0.301	12.5	23.49
850	40.9304	116.1745	-200.1	434	QA2	0	0	0	0	46	35.7	1939	47	152	141	3.234	1.078	0.333	12.5	23.51
851	40.9304	116.1750	-200.1	426	QA2	0	0	0	0	51	35.5	1878	59	106	169	2.120	0.627	0.296	12.6	23.53
852	40.9304	116.1755	-200.1	435	QA2	0	0	0	0	44	35.7	1783	55	62	164	1.127	0.378	0.335	12.7	23.56
853	40.9304	116.1760	-200.1	437	QA2	0	0	0	0	62	35.7	1869	49	164	117	3.347	1.402	0.419	12.7	23.58
854	40.9304	116.1765	-200.1	433	QA2	0	0	0	0	60	35.7	1720	41	84	130	2.049	0.646	0.315	12.7	23.57
855	40.9304	116.1770	-200.1	421	QA2	0	0	0	0	56	35.4	1636	40	87	128	2.175	0.680	0.313	12.7	23.57
856	40.9304	116.1775	-200.1	416	QA2	0	0	0	0	45	36.0	1632	32	129	122	4.031	1.057	0.262	12.7	23.59
857	40.9304	116.1780	-200.1	402	QA2	0	0	0	0	49	35.7	1595	46	71	143	1.543	0.497	0.322	12.6	23.53
858	40.9304	116.1785	-200.1	391	QA2	0	0	0	0	51	35.4	1636	54	67	138	1.241	0.436	0.391	12.7	23.57
859	40.9304	116.1790	-200.1	376	QA2	0	0	0	0	57	35.1	1699	41	152	86	3.707	1.767	0.477	12.7	23.57
860	40.9304	116.1795	-200.1	360	QA2	0	0	0	0	48	34.8	1701	39	97	157	2.487	0.618	0.248	12.8	23.60
861	40.9304	116.1800	-200.1	354	QA2	0	0	0	0	50	34.7	1659	38	78	159	2.053	0.491	0.239	12.8	23.61
862	40.9304	116.1805	-200.1	351	QA2	0	0	0	0	59	34.6	1732	34	116	149	3.412	0.779	0.228	12.9	23.65
863	40.9304	116.1810	-200.1	352	QA2	0	0	0	0	46	34.6	1707	31	86	217	2.774	0.396	0.143	12.9	23.65
864	40.9304	116.1815	-200.1	353	QA2	0	0	0	0	48	34.6	1659	35	78	164	2.229	0.476	0.213	12.9	23.63
865	40.9304	116.1820	-200.1	352	QA2	0	0	0	0	50	34.6	1642	33	140	136	4.242	1.029	0.243	12.8	23.60

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
866	40.9304	116.1825	-200.1	354	QA2	0	0	0	0	50	34.7	1760	33	124	163	3.758	0.761	0.202	12.9	23.59
867	40.9304	116.1830	-200.1	358	QA2	0	0	0	0	56	34.7	1706	47	81	160	1.723	0.506	0.294	12.9	23.60
868	40.9304	116.1835	-200.1	363	QA2	0	0	0	0	51	34.8	1766	42	74	163	1.762	0.454	0.258	12.9	23.60
869	40.9304	116.1840	-200.1	364	QA2	0	0	0	0	65	34.9	1759	51	62	149	1.216	0.416	0.342	13.0	23.59
870	40.9304	116.1845	-200.1	362	QTSU	0	0	0	0	50	34.8	1790	65	39	172	0.600	0.227	0.378	13.0	23.61
871	40.9304	116.1850	-200.1	351	QTSU	0	0	0	0	47	34.6	1744	45	118	154	2.622	0.766	0.292	13.0	23.60
872	40.9303	116.1855	-200.1	339	QTSU	0	0	0	0	44	34.3	1783	56	167	100	2.982	1.670	0.560	13.0	23.61
873	40.9303	116.1860	-200.1	323	QTSU	0	0	0	0	44	34.0	1766	55	96	148	1.745	0.649	0.372	12.9	23.57
874	40.9303	116.1865	-200.1	303	QTSU	0	0	0	0	54	33.5	1713	54	113	138	2.093	0.819	0.391	12.9	23.58
875	40.9303	116.1870	-200.1	288	QTSU	0	0	0	0	42	30.8	1648	56	115	127	2.054	0.906	0.441	12.9	23.57
876	40.9303	116.1875	-200.1	291	QTSU	0	0	0	0	54	30.8	1653	53	107	134	2.019	0.799	0.396	12.9	23.55
877	40.9303	116.1880	-200.1	313	QTSU	0	0	0	0	61	31.3	1666	45	83	152	1.844	0.546	0.296	13.0	23.58
878	40.9303	116.1885	-200.1	346	QTSU	0	0	0	0	57	32.0	1714	49	87	142	1.776	0.613	0.345	13.0	23.58
879	40.9303	116.1890	-200.1	360	QTSU	0	0	0	0	60	32.3	1720	39	103	157	2.641	0.656	0.248	13.1	23.59
880	40.9303	116.1895	-200.1	365	QTSU	0	0	0	0	53	32.4	1739	68	73	132	1.074	0.553	0.515	12.9	23.53
881	40.9303	116.1901	-200.1	374	QTSU	0	0	0	0	58	32.6	1691	48	99	131	2.063	0.756	0.366	12.9	23.51
882	40.9303	116.1906	-200.1	382	QTSU	0	0	0	0	65	32.7	1685	50	96	104	1.920	0.923	0.481	12.9	23.52
883	40.9303	116.1911	-200.1	397	QTSU	0	0	0	0	64	33.0	1728	45	82	150	1.822	0.547	0.300	12.9	23.53
884	40.9303	116.1916	-200.1	402	QTSU	0	0	0	0	62	33.1	1743	45	133	96	2.956	1.385	0.469	12.9	23.52
885	40.9303	116.1921	-200.1	413	QTSU	0	0	0	0	46	33.3	1704	57	59	165	1.035	0.358	0.345	13.0	23.54
886	40.9303	116.1926	-200.1	421	QTSU	0	0	0	0	47	33.5	1694	35	98	164	2.800	0.598	0.213	12.9	23.53
887	40.9303	116.1931	-200.1	429	QTSU	0	0	0	0	46	33.6	1669	26	148	142	5.692	1.042	0.183	12.9	23.55
888	40.9303	116.1936	-200.	437	QTSU	0	0	0	0	[illegible]	33.8	1734	50	30	197	0.600	0.152	0.254	12.9	23.51
889	40.9303	116.1941	-200.1	433	QTSU	0	0	0	0	[illegible]	33.7	1770	24	95	171	3.958	0.556	0.140	12.8	23.49
890	40.9303	116.1946	-200.1	425	QTSU	0	0	1	0	[illegible]	33.6	1705	48	9	232	0.188	0.039	0.207	12.9	23.51
891	40.9303	116.1951	-200.1	416	QTSU	0	0	0	0	[illegible]	33.4	1744	53	65	129	1.226	0.504	0.411	12.9	23.53
892	40.9303	116.1956	-200.1	408	QTSU	0	0	0	0	44	33.2	1681	36	100	139	2.778	0.719	0.259	12.9	23.53
893	40.9303	116.1961	-200.1	401	QTSU	0	0	0	0	47	33.1	1702	56	37	151	0.661	0.245	0.371	13.0	23.55
894	40.9303	116.1966	-200.1	387	QTSU	0	0	0	0	52	35.4	1720	35	80	165	2.286	0.485	0.212	13.0	23.58
895	40.9303	116.1971	-200.1	377	QTSU	0	0	0	0	59	35.2	1849	61	70	163	1.148	0.429	0.374	12.9	23.58
896	40.9303	116.1976	-200.1	363	QTSU	0	0	0	0	58	34.9	1728	47	109	135	2.319	0.807	0.348	12.9	23.57
897	40.9303	116.1981	-200.1	349	QTSU	0	0	0	0	50	34.6	1747	37	108	176	2.919	0.614	0.210	12.8	23.55
898	40.9303	116.1986	-200.1	340	QTSU	0	0	0	0	52	34.4	1689	48	66	141	1.375	0.468	0.340	12.8	23.55
899	40.9303	116.1991	-200.1	337	QTSU	0	0	0	0	53	34.3	1660	47	112	148	2.383	0.757	0.316	12.8	23.55
900	40.9303	116.1996	-200.1	335	QTSU	0	0	0	0	59	34.3	1703	52	106	111	2.038	0.955	0.468	12.8	23.54
901	40.9303	116.2001	-200.1	331	QTSU	0	0	0	0	50	34.2	1616	33	137	119	4.152	1.151	0.277	12.9	23.54
902	40.9303	116.2006	-200.1	324	QTSU	0	0	0	0	68	34.0	1578	68	34	102	0.500	0.333	0.667	12.9	23.55
903	40.9303	116.2011	-200.1	319	QTSU	0	0	0	0	56	33.9	1556	45	106	119	2.356	0.891	0.378	12.9	23.53
904	40.9302	116.2016	-200.1	324	QTSU	0	0	0	0	58	34.0	1476	44	136	89	3.091	1.528	0.494	12.9	23.53
905	40.9302	116.2021	-200.1	343	QTSU	0	0	0	0	46	34.5	1591	47	110	115	2.340	0.957	0.409	12.8	23.50
906	40.9302	116.2026	-200.1	358	QTSU	0	0	0	0	58	34.8	1617	41	99	117	2.415	0.846	0.350	12.7	23.47
907	40.9302	116.2031	-200.1	356	QTSU	0	0	0	0	53	34.8	1658	42	53	166	1.262	0.319	0.253	12.7	23.45
908	40.9302	116.2036	-200.1	345	QTSU	0	0	0	0	42	34.5	1579	48	72	149	1.500	0.483	0.322	12.8	23.45
909	40.9302	116.2041	-200.1	352	QTSU	0	0	0	0	56	34.7	1651	42	124	123	2.952	1.008	0.341	12.8	23.49
910	40.9302	116.2046	-200.1	354	QTSU	0	0	0	0	38	34.7	1666	57	63	142	1.105	0.444	0.401	12.9	23.48
911	40.9302	116.2052	-200.1	353	QTSU	0	0	0	0	49	34.7	1636	38	134	107	3.526	1.252	0.355	12.8	23.44
912	40.9302	116.2057	-200.1	351	QTSU	0	0	0	0	47	34.6	1678	49	149	87	3.041	1.713	0.563	12.8	23.46
913	40.9302	116.2062	-200.1	346	QTSU	0	0	1	0	60	32.5	1664	47	3	182	0.064	0.016	0.258	12.8	23.42
914	40.9302	116.2067	-200.1	352	QTSU	0	0	0	0	61	32.7	1616	50	67	137	1.340	0.489	0.365	12.8	23.44
915	40.9302	116.2072	-200.1	363	QTSU	0	0	0	0	46	32.9	1635	43	85	156	1.977	0.545	0.276	12.7	23.42
916	40.9302	116.2077	-200.1	368	QTSU	0	0	0	0	62	33.0	1608	38	104	135	2.737	0.770	0.281	12.8	23.42
917	40.9302	116.2082	-200.1	361	QTSU	0	0	0	0	44	32.8	1696	48	76	138	1.583	0.551	0.348	12.8	23.43
918	40.9302	116.2087	-200.1	350	QTSU	0	0	0	0	45	32.6	1658	55	83	121	1.509	0.686	0.455	12.8	23.45
919	40.9302	116.2092	-200.1	335	QTSU	0	0	0	0	49	32.3	1601	45	141	98	3.133	1.439	0.459	12.8	23.43

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
920	40.9302	116.2097	-200.1	319	QTSU	0	0	0	0	39	31.9	1599	54	136	88	2.519	1.545	0.614	12.7	23.44
921	40.9302	116.2102	-200.1	312	QTSU	0	0	0	0	56	31.8	1603	44	43	182	0.977	0.236	0.242	12.7	23.41
922	40.9302	116.2107	-200.1	321	QTSU	0	0	0	0	60	32.0	1644	34	70	190	2.059	0.368	0.179	12.7	23.41
923	40.9302	116.2112	-200.1	342	QTSU	0	0	0	0	51	32.4	1624	23	177	109	7.696	1.624	0.211	12.6	23.42
924	40.9302	116.2117	-200.1	360	QTSU	0	0	0	0	66	32.8	1688	55	51	158	0.927	0.323	0.348	12.7	23.41
925	40.9302	116.2122	-200.1	378	QTSU	0	0	0	0	64	33.2	1631	35	58	152	1.657	0.382	0.230	12.7	23.43
926	40.9302	116.2127	-200.1	395	QTSU	0	0	0	0	39	33.5	1657	34	108	140	3.176	0.771	0.243	12.7	23.41
927	40.9302	116.2132	-200.1	412	QTSU	0	0	0	0	52	33.9	1651	36	105	151	2.917	0.695	0.238	12.6	23.38
928	40.9302	116.2137	-200.1	425	QTSU	0	0	0	0	63	34.1	1702	37	93	118	2.514	0.788	0.314	12.6	23.38
929	40.9302	116.2142	-200.1	434	QA2	0	0	0	0	48	34.3	1778	62	69	139	1.113	0.496	0.446	12.6	23.39
930	40.9302	116.2147	-200.1	432	QA2	0	0	0	0	65	34.2	1806	41	116	146	2.829	0.795	0.281	12.6	23.40
931	40.9302	116.2152	-200.1	400	QA2	0	0	0	0	51	33.6	1651	39	106	148	2.718	0.716	0.264	12.5	23.43
932	40.9302	116.2157	-200.1	378	QA2	0	0	0	0	54	32.6	1749	43	121	149	2.814	0.812	0.289	12.6	23.45
933	40.9302	116.2162	-200.1	377	QA2	0	0	0	0	56	32.6	1788	51	27	212	0.529	0.127	0.241	12.6	23.45
934	40.9302	116.2167	-200.1	379	QA2	0	0	0	0	45	32.6	1738	62	89	124	1.435	0.718	0.500	12.5	23.45
935	40.9302	116.2172	-200.1	369	QA2	0	0	0	0	54	32.4	1702	66	74	111	1.121	0.667	0.595	12.5	23.45
936	40.9301	116.2177	-200.1	356	QA2	0	0	0	0	45	32.2	1722	38	144	161	3.789	0.894	0.236	12.5	23.45
937	40.9301	116.2182	-200.1	358	QA2	0	0	0	0	34	32.2	1679	59	104	137	1.763	0.759	0.431	12.5	23.44
938	40.9301	116.2187	-200.1	365	QA2	0	0	0	0	56	32.4	1674	54	67	140	1.241	0.479	0.386	12.5	23.46
939	40.9301	116.2192	-200.1	370	QA2	0	0	0	0	49	32.5	1750	39	128	161	3.282	0.795	0.242	12.6	23.50
940	40.9301	116.2197	-200.1	377	QA2	0	0	0	0	55	32.6	1786	38	104	150	2.737	0.693	0.253	12.6	23.51
941	40.9301	116.2203	-200.1	387	QA2	0	0	0	0	57	32.8	1766	34	115	149	3.382	0.772	0.228	12.7	23.52
942	40.9301	116.2208	-200.1	379	QA2	0	0	0	0	47	32.6	1717	51	96	151	1.882	0.636	0.338	12.5	23.49
943	40.9301	116.2213	-200.1	374	QA2	0	0	1	0	44	32.5	1763	56	18	210	0.321	0.086	0.267	12.5	23.49
944	40.9301	116.2218	-200.1	367	QA2	0	0	0	0	55	32.4	1660	41	65	173	1.585	0.376	0.237	12.5	23.49
945	40.9301	116.2223	-200.1	371	QA2	0	0	0	0	44	32.5	1674	35	96	137	2.743	0.701	0.255	12.6	23.50
946	40.9301	116.2228	-200.1	364	QA2	0	0	0	0	41	32.3	1617	37	116	135	3.135	0.859	0.274	12.5	23.50
947	40.9301	116.2233	-200.1	364	QA2	0	0	0	0	62	32.3	1617	38	70	180	1.842	0.389	0.211	12.6	23.52
948	40.9301	116.2238	-200.1	363	QA2	0	0	0	0	58	32.3	1708	27	130	142	4.815	0.915	0.190	12.6	23.51
949	40.9301	116.2243	-200.1	362	QA2	0	0	0	0	48	32.3	1674	38	107	145	2.816	0.738	0.262	12.7	23.52
950	40.9301	116.2248	-200.1	360	QTSU	0	0	0	0	62	32.3	1650	37	93	137	2.514	0.679	0.270	12.6	23.52
951	40.9301	116.2253	-200.1	354	QTSU	0	0	0	0	46	28.4	1676	46	147	118	3.196	1.246	0.390	12.6	23.50
952	40.9301	116.2258	-200.1	358	QTSU	0	0	0	0	51	28.5	1632	45	153	118	3.400	1.297	0.381	12.6	23.50
953	40.9301	116.2263	-200.1	357	QTSU	0	0	0	0	45	28.5	1748	57	81	152	1.421	0.533	0.375	12.6	23.51
954	40.9301	116.2268	-200.1	353	QTSU	0	0	0	0	39	28.4	1736	34	185	145	5.441	1.276	0.234	12.6	23.48
955	40.9301	116.2273	-200.1	358	QTSU	0	0	0	0	45	28.5	1761	48	97	159	2.021	0.610	0.302	12.7	23.52
956	40.9301	116.2278	-200.1	363	QTSU	0	0	0	0	50	28.6	1719	39	109	168	2.795	0.649	0.232	12.7	23.51
957	40.9301	116.2283	-200.1	370	QTSU	0	0	0	0	47	28.7	1682	47	59	178	1.255	0.331	0.264	12.8	23.53
958	40.9301	116.2288	-200.1	375	QTSU	0	0	0	0	43	28.8	1719	49	120	122	2.449	0.984	0.402	12.7	23.50
959	40.9301	116.2293	-200.1	378	QTSU	0	0	0	0	47	28.8	1715	31	114	186	3.677	0.613	0.167	12.7	23.46
960	40.9301	116.2298	-200.1	382	QTSU	0	0	0	0	50	28.9	1709	33	73	174	2.212	0.420	0.190	12.6	23.47
961	40.9301	116.2303	-200.1	390	QTSU	0	0	0	0	58	29.1	1721	35	131	145	3.743	0.903	0.241	12.7	23.47
962	40.9301	116.2308	-200.1	393	QTSU	0	0	1	0	58	29.1	1729	59	18	183	0.305	0.098	0.322	12.6	23.45
963	40.9301	116.2313	-200.1	402	QTSU	0	0	0	0	69	29.3	1748	41	125	183	3.049	0.683	0.224	12.7	23.48
964	40.9301	116.2318	-200.1	411	QTSU	0	0	0	0	54	29.4	1885	56	150	121	2.679	1.240	0.463	12.7	23.45
965	40.9301	116.2323	-200.1	405	QTSU	0	0	0	0	41	29.3	1759	39	204	90	5.231	2.267	0.433	12.7	23.46
966	40.9301	116.2328	-200.1	366	QTSU	0	0	0	0	55	28.6	1693	50	70	154	1.400	0.455	0.325	12.7	23.48
967	40.9301	116.2333	-200.1	336	QTSU	0	0	0	0	48	28.1	1687	51	95	157	1.863	0.605	0.325	12.7	23.45
968	40.9300	116.2338	-200.1	319	QTSU	0	0	0	0	37	27.8	1703	47	139	130	2.957	1.069	0.362	12.7	23.42
969	40.9300	116.2343	-200.1	312	QTSU	0	0	0	0	42	27.6	1691	54	82	159	1.519	0.516	0.340	12.7	23.43
970	40.9300	116.2348	-200.1	320	QTSU	0	0	0	0	49	29.4	1715	56	49	180	0.875	0.272	0.311	12.6	23.42
971	40.9300	116.2354	-200.1	335	QTSU	0	0	0	0	55	29.7	1683	46	141	112	3.065	1.259	0.411	12.6	23.41
972	40.9300	116.2359	-200.1	348	QTSU	0	0	0	0	60	30.0	1769	48	121	144	2.521	0.840	0.333	12.7	23.44
973	40.9300	116.2364	-200.1	352	QTSU	0	0	0	0	60	30.0	1657	58	89	109	1.534	0.817	0.532	12.7	23.41

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
974	40.9300	116.2369	-200.1	361	QTSU	0	0	0	0	56	30.2	1741	34	142	125	4.176	1.136	0.272	12.7	23.41
975	40.9300	116.2374	-200.1	370	QTSU	0	0	0	0	55	30.4	1636	46	125	116	2.717	1.078	0.397	12.7	23.36
976	40.9300	116.2379	-200.1	373	QTSU	0	0	0	0	55	30.4	1656	57	58	186	1.018	0.312	0.306	12.7	23.38
977	40.9300	116.2384	-200.1	385	QTSU	0	0	0	0	54	30.7	1718	44	117	143	2.659	0.818	0.308	12.6	23.34
978	40.9300	116.2389	-200.1	409	QTSU	0	0	0	0	51	31.1	1740	44	133	113	3.023	1.177	0.389	12.6	23.35
979	40.9300	116.2394	-200.1	412	QTSU	0	0	0	0	51	31.1	1805	49	152	109	3.102	1.394	0.450	12.6	23.35
980	40.9300	116.2399	-200.1	405	QTSU	0	0	0	0	48	31.0	1871	60	100	140	1.667	0.714	0.429	12.6	23.38
981	40.9300	116.2404	-200.1	397	QTSU	0	0	0	0	47	30.9	1824	49	128	146	2.612	0.877	0.336	12.6	23.37
982	40.9300	116.2409	-200.1	388	QTSU	0	0	0	0	63	30.7	1807	46	109	184	2.370	0.592	0.250	12.6	23.40
983	40.9300	116.2414	-200.1	385	QTSU	0	0	0	0	47	30.6	1824	42	126	179	3.000	0.704	0.235	12.6	23.38
984	40.9300	116.2419	-200.1	392	QTSU	0	0	0	0	44	30.8	1822	48	128	145	2.667	0.883	0.331	12.5	23.37
985	40.9300	116.2424	-200.1	390	QTSU	0	0	0	0	47	30.7	1848	41	155	147	3.780	1.054	0.279	12.5	23.35
986	40.9300	116.2429	-200.1	391	QTSU	0	0	0	0	50	30.7	1750	40	112	153	2.800	0.732	0.261	12.6	23.34
987	40.9300	116.2434	-200.1	393	QTSU	0	0	0	0	46	30.8	1814	51	126	154	2.471	0.818	0.331	12.6	23.34
988	40.9300	116.2439	-200.1	394	QTSU	0	0	0	0	42	30.8	1764	64	88	139	1.375	0.633	0.460	12.7	23.35
989	40.9300	116.2444	-200.1	397	QTSU	0	0	0	0	48	32.2	1843	63	110	142	1.746	0.775	0.444	12.7	23.35
990	40.9300	116.2449	-200.1	399	QTSU	0	0	0	0	51	32.2	1804	54	80	157	1.481	0.510	0.344	12.7	23.36
991	40.9300	116.2454	-200.1	396	QTSU	0	0	0	0	56	32.1	1833	58	97	158	1.672	0.614	0.367	12.7	23.34
992	40.9300	116.2459	-200.1	396	QTSU	0	0	0	0	49	32.2	1753	52	98	147	1.885	0.667	0.354	12.7	23.35
993	40.9300	116.2464	-200.1	410	QTSU	0	0	0	0	55	32.4	1806	48	104	169	2.167	0.615	0.284	12.6	23.33
994	40.9300	116.2469	-200.1	419	QTSU	0	0	0	0	49	32.6	1937	70	124	134	1.771	0.925	0.522	12.6	23.31
995	40.9300	116.2474	-200.1	415	QTSU	0	0	0	0	48	32.5	1869	62	107	139	1.726	0.770	0.446	12.6	23.33
996	40.9300	116.2479	-200.1	404	QTSU	0	0	0	0	43	32.3	1863	57	106	145	1.860	0.731	0.393	12.6	23.33
997	40.9300	116.2484	-200.1	392	QTSU	0	0	0	0	42	32.1	1899	55	159	122	2.891	1.303	0.451	12.7	23.35
998	40.9300	116.2489	-200.1	382	QTSU	0	0	0	0	48	31.9	1749	38	112	162	2.947	0.691	0.235	12.6	23.37
999	40.9300	116.2494	-200.1	387	QTSU	0	0	0	0	38	32.0	1899	59	105	147	1.780	0.714	0.401	12.7	23.38
1000	40.9299	116.2500	-200.1	401	QTSU	0	0	0	0	58	32.2	1915	67	62	162	0.925	0.383	0.414	12.6	23.36
1001	40.9299	116.2505	-200.1	405	QTSU	0	0	0	0	42	32.3	1835	50	128	127	2.560	1.008	0.394	12.5	23.35
1002	40.9299	116.2510	-200.1	404	QTSU	0	0	0	0	45	32.3	1920	64	156	165	2.438	0.945	0.388	12.5	23.34
1003	40.9299	116.2515	-200.1	401	QTSU	0	0	0	0	56	32.2	1912	51	113	144	2.216	0.785	0.354	12.5	23.36
1004	40.9299	116.2520	-200.1	393	QTSU	0	0	0	0	51	32.1	1768	42	118	144	2.810	0.819	0.292	12.5	23.36
1005	40.9299	116.2525	-200.1	390	QTSU	0	0	0	0	58	32.0	1908	48	95	173	1.979	0.549	0.277	12.5	23.35
1006	40.9299	116.2530	-200.1	388	QTSU	0	0	0	0	57	32.0	1808	45	144	145	3.200	0.993	0.310	12.6	23.34
1007	40.9299	116.2535	-200.1	389	QTSU	0	0	0	0	48	32.0	1852	54	117	171	2.167	0.684	0.316	12.6	23.35
1008	40.9299	116.2540	-200.1	382	QTSU	0	0	0	0	45	35.4	1822	57	129	123	2.263	1.049	0.463	12.5	23.32
1009	40.9299	116.2545	-200.1	376	QTSU	0	0	0	0	58	35.3	1782	55	114	123	2.073	0.927	0.447	12.4	23.31
1010	40.9299	116.2550	-200.1	371	QTSU	0	0	0	0	47	35.2	1792	57	96	121	1.684	0.793	0.471	12.4	23.30
1011	40.9299	116.2555	-200.1	372	QTSU	0	0	0	0	43	35.2	1707	41	146	122	3.561	1.197	0.336	12.5	23.31
1012	40.9299	116.2560	-200.1	396	QTSU	0	0	0	0	57	35.7	1773	55	117	135	2.127	0.867	0.407	12.5	23.32
1013	40.9299	116.2565	-200.1	408	QTSU	0	0	0	0	48	36.0	1821	56	100	112	1.786	0.893	0.500	12.6	23.33
1014	40.9299	116.2570	-200.1	408	QTSU	0	0	0	0	64	36.0	1824	44	91	178	2.068	0.511	0.247	12.5	23.33
1015	40.9299	116.2575	-200.1	407	QTSU	0	0	0	0	54	36.0	1864	59	119	130	2.017	0.915	0.454	12.4	23.30
1016	40.9299	116.2580	-200.1	403	QTSU	0	0	0	0	49	35.9	1882	42	147	135	3.500	1.089	0.311	12.4	23.27
1017	40.9299	116.2585	-200.1	396	QTSU	0	0	0	0	57	35.7	1861	50	86	166	1.720	0.518	0.301	12.4	23.28
1018	40.9299	116.2590	-200.1	392	QTSU	0	0	0	0	64	35.6	1851	62	135	109	2.177	1.239	0.569	12.5	23.29
1019	40.9299	116.2595	-200.1	389	QTSU	0	0	0	0	59	35.6	1837	42	96	179	2.286	0.536	0.235	12.5	23.29
1020	40.9299	116.2600	-200.1	384	QTSU	0	0	0	0	54	35.5	1787	58	73	166	1.259	0.440	0.349	12.5	23.29
1021	40.9299	116.2605	-200.1	375	QTSU	0	0	0	0	61	35.3	1836	46	132	138	2.870	0.957	0.333	12.4	23.28
1022	40.9299	116.2610	-200.1	372	QTSU	0	0	0	0	55	35.2	1824	56	62	192	1.107	0.323	0.292	12.4	23.26
1023	40.9299	116.2615	-200.1	373	QTSU	0	0	0	0	48	35.2	1773	52	94	154	1.808	0.610	0.338	12.4	23.25
1024	40.9299	116.2620	-200.1	373	QTSU	0	0	0	0	58	35.2	1820	54	96	176	1.778	0.545	0.307	12.3	23.23
1025	40.9299	116.2625	-200.1	374	QTSU	0	0	0	0	65	35.2	1799	58	42	184	0.724	0.228	0.315	12.4	23.24
1026	40.9299	116.2630	-200.1	373	QTSU	0	0	0	0	52	35.2	1866	58	84	163	1.448	0.515	0.356	12.4	23.24
1027	40.9299	116.2635	-200.1	372	QTSU	0	0	0	0	52	35.1	1807	54	137	123	2.537	1.114	0.439	12.4	23.23

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1028	40.9299	116.2640	-200.1	373	QTSU	0	0	0	0	61	35.1	1856	69	127	113	1.841	1.124	0.611	12.4	23.23
1029	40.9299	116.2645	-200.1	368	QTSU	0	0	0	0	49	35.0	1766	42	124	118	2.952	1.051	0.356	12.4	23.21
1030	40.9299	116.2650	-200.1	358	QTSU	0	0	0	0	58	34.8	1786	61	59	149	0.967	0.396	0.409	12.4	23.17
1031	40.9299	116.2656	-200.1	349	QTSU	0	0	0	0	39	34.6	1670	37	129	137	3.486	0.942	0.270	12.4	23.18
1032	40.9298	116.2661	-200.1	337	QTSU	0	0	0	0	48	34.3	1759	48	129	119	2.688	1.084	0.403	12.4	23.19
1033	40.9298	116.2666	-200.1	333	QTSU	0	0	0	0	48	34.2	1758	36	139	153	3.861	0.908	0.235	12.5	23.21
1034	40.9298	116.2671	-200.1	344	QTSU	0	0	0	0	51	34.5	1659	66	27	158	0.409	0.171	0.418	12.5	23.21
1035	40.9298	116.2676	-200.1	370	QTSU	0	0	0	0	58	35.1	1709	48	70	181	1.458	0.387	0.265	12.5	23.19
1036	40.9298	116.2681	-200.1	390	QTSU	0	0	0	0	52	35.5	1700	49	112	139	2.286	0.806	0.353	12.4	23.16
1037	40.9298	116.2686	-200.1	395	QTSU	0	0	0	0	58	35.6	1737	43	130	123	3.023	1.057	0.350	12.3	23.13
1038	40.9298	116.2691	-200.1	425	QTSU	0	0	0	0	47	36.2	1713	45	109	132	2.422	0.826	0.341	12.4	23.14
1039	40.9298	116.2696	-200.1	443	QTSU	0	0	1	0	56	36.6	1734	62	27	175	0.435	0.154	0.354	12.4	23.11
1040	40.9298	116.2701	-200.1	435	QTSU	0	0	0	0	71	36.4	1790	55	61	151	1.109	0.404	0.364	12.4	23.11
1041	40.9298	116.2706	-200.1	434	QTSU	0	0	0	0	62	36.4	1731	62	30	180	0.484	0.167	0.344	12.5	23.12
1042	40.9298	116.2711	-200.1	440	QTSU	0	0	0	0	73	36.5	1848	32	153	168	4.781	0.911	0.190	12.5	23.12
1043	40.9298	116.2716	-200.1	439	QTSU	0	0	0	0	57	36.5	1796	47	61	192	1.298	0.318	0.245	12.5	23.11
1044	40.9298	116.2721	-252.1	417	QTSU	0	0	0	0	53	36.0	1905	58	133	158	2.293	0.842	0.367	12.4	23.10
1045	40.9298	116.2726	-250.3	407	QTSU	0	0	0	0	51	35.8	1838	34	151	173	4.441	0.873	0.197	12.4	23.10
1046	40.9298	116.2731	-250.7	402	QTSU	0	0	0	0	51	34.8	1755	45	137	132	3.044	1.038	0.341	12.4	23.10
1047	40.9298	116.2736	-251.2	400	QTSU	0	0	0	0	59	34.8	1810	47	80	177	1.702	0.452	0.266	12.4	23.12
1048	40.9298	116.2741	-253.5	407	QTSU	0	0	0	0	46	34.9	1793	26	87	215	3.346	0.405	0.121	12.4	23.13
1049	40.9298	116.2746	-255.6	408	QTSU	0	0	0	0	60	34.9	1785	40	93	135	2.325	0.689	0.296	12.4	23.12
1050	40.9298	116.2751	-258.6	431	QTSU	0	0	0	0	59	35.4	1900	43	174	143	4.047	1.217	0.301	12.4	23.13
1051	40.9298	116.2756	-262.1	442	QTSU	0	0	0	0	60	35.6	1774	40	51	183	1.275	0.279	0.219	12.2	23.10
1052	40.9298	116.2761	-265.1	427	QTSU	0	0	0	0	55	35.3	1805	43	43	203	1.000	0.212	0.212	12.2	23.07
1053	40.9298	116.2766	-267.1	413	QTSU	0	0	0	0	61	35.0	1781	53	87	147	1.642	0.592	0.361	12.2	23.07
1054	40.9298	116.2771	-272.2	420	QTSU	0	0	0	0	53	35.2	1831	45	106	129	2.356	0.822	0.349	12.3	23.11
1055	40.9298	116.2776	-275.1	419	QTSU	0	0	0	0	48	35.2	1864	60	71	184	1.183	0.386	0.326	12.2	23.11
1056	40.9298	116.2781	-277.9	405	QQA3	0	0	0	0	72	34.9	1773	58	58	141	1.000	0.411	0.411	12.2	23.12
1057	40.9298	116.2786	-281.1	392	QQA3	0	0	0	0	48	34.6	1776	45	124	120	2.756	1.033	0.375	12.2	23.11
1058	40.9298	116.2791	-284.5	394	QQA3	0	0	0	0	53	34.6	1719	39	91	140	2.333	0.650	0.279	12.1	23.09
1059	40.9298	116.2796	-286.8	410	QQA3	0	0	0	0	54	35.0	1778	30	180	96	6.000	1.875	0.313	12.0	23.07
1060	40.9298	116.2802	-290.6	416	QQA3	0	0	0	0	57	35.1	1833	53	81	154	1.528	0.526	0.344	12.0	23.06
1061	40.9298	116.2807	-293.4	395	QQA3	0	0	0	0	41	34.7	1754	51	100	173	1.961	0.578	0.295	12.0	23.05
1062	40.9298	116.2812	-293.9	384	QQA3	0	0	0	0	50	34.4	1721	47	114	140	2.426	0.814	0.336	12.1	23.06
1063	40.9298	116.2817	-296.1	376	QQA3	0	0	0	0	51	34.3	1829	20	203	128	10.150	1.586	0.156	12.0	23.05
1064	40.9297	116.2822	-296.8	364	QQA3	0	0	0	0	53	34.0	1781	51	73	161	1.431	0.453	0.317	12.0	23.06
1065	40.9297	116.2827	-297.0	359	QQA3	0	0	0	0	63	33.7	1772	43	64	181	1.488	0.354	0.238	12.1	23.05
1066	40.9297	116.2832	-298.7	362	QQA3	0	0	0	0	54	33.8	1808	50	84	169	1.680	0.497	0.296	11.9	23.02
1067	40.9297	116.2837	-301.0	366	QQA3	0	0	0	0	64	33.9	1767	37	138	139	4.059	0.993	0.245	11.9	22.99
1068	40.9297	116.2842	-308.7	363	QVI	0	0	0	0	58	33.8	1753	40	144	122	3.600	1.180	0.328	11.8	22.99
1069	40.9297	116.2847	-308.7	350	QVI	0	0	0	0	56	33.6	1746	39	176	107	4.513	1.645	0.364	11.8	22.99
1070	40.9297	116.2852	-310.5	331	QVI	0	0	0	0	43	33.1	1769	44	156	137	3.545	1.139	0.321	11.9	23.00
1071	40.9297	116.2857	-309.5	315	QVI	0	0	0	0	64	32.8	1672	38	132	122	3.474	1.082	0.311	11.9	22.98
1072	40.9297	116.2862	-309.1	315	QVI	0	0	0	0	45	32.8	1668	42	116	145	2.762	0.800	0.290	11.9	22.97
1073	40.9297	116.2867	-308.5	312	QVI	0	0	0	0	67	32.7	1793	55	108	149	1.964	0.725	0.369	11.8	22.91
1074	40.9297	116.2872	-310.9	315	QVI	0	0	0	0	64	32.8	1717	49	73	133	1.490	0.549	0.368	11.7	22.90
1075	40.9297	116.2877	-308.2	322	QVI	0	0	0	0	54	32.9	1687	41	114	124	2.780	0.919	0.331	11.7	22.86
1076	40.9297	116.2882	-309.9	319	QVI	0	0	0	0	58	32.9	1653	35	149	130	4.257	1.146	0.269	11.7	22.85
1077	40.9297	116.2887	-307.6	314	QVI	0	0	0	0	57	32.8	1693	35	134	154	3.829	0.870	0.227	11.8	22.86
1078	40.9297	116.2892	-307.6	329	QVI	0	0	0	0	56	33.1	1649	33	134	123	4.061	1.089	0.268	11.8	22.85
1079	40.9297	116.2897	-308.9	345	QVI	0	0	0	0	47	33.4	1650	54	138	107	2.556	1.290	0.505	11.7	22.84
1080	40.9297	116.2902	-306.9	363	QVI	0	0	0	0	58	33.8	1734	41	111	159	2.707	0.698	0.258	11.7	22.82
1081	40.9297	116.2907	-306.4	375	QVI	0	0	0	0	55	34.1	1664	41	107	135	2.610	0.793	0.304	11.7	22.82

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1082	40.9297	116.2912	-307.7	384	OVI	0	0	0	0	46	34.3	1788	49	81	146	1.653	0.555	0.336	11.6	22.79
1083	40.9297	116.2917	-307.3	389	OVI	0	0	0	0	51	34.4	1771	45	128	160	2.844	0.800	0.281	11.6	22.81
1084	40.9297	116.2922	-307.2	393	OVI	0	0	0	0	64	35.6	1739	36	129	132	3.583	0.977	0.273	11.6	22.83
1085	40.9297	116.2927	-305.2	405	OVI	0	0	0	0	60	35.8	1763	41	121	124	2.951	0.976	0.331	11.6	22.85
1086	40.9297	116.2932	-307.5	416	OVI	0	0	0	0	53	36.1	1711	52	99	136	1.904	0.728	0.382	11.5	22.82
1087	40.9297	116.2937	-305.7	410	OVI	0	0	0	0	64	35.9	1713	36	82	145	2.278	0.566	0.248	11.5	22.83
1088	40.9297	116.2942	-305.7	392	OVI	0	0	0	0	53	35.5	1695	47	123	108	2.617	1.139	0.435	11.4	22.83
1089	40.9297	116.2947	-306.2	379	OVI	0	0	0	0	52	35.3	1687	35	141	110	4.029	1.282	0.318	11.3	22.82
1090	40.9297	116.2953	-305.1	379	OVI	0	0	0	0	61	35.3	1727	21	184	96	8.762	1.917	0.219	11.2	22.82
1091	40.9297	116.2958	-305.6	392	OVI	0	0	0	0	58	35.6	1667	39	129	113	3.308	1.142	0.345	11.3	22.85
1092	40.9297	116.2963	-304.8	418	OVI	0	0	0	0	58	36.1	1726	25	185	110	7.400	1.682	0.227	11.3	22.86
1093	40.9297	116.2968	-305.6	457	OVI	0	0	0	0	69	36.9	1818	31	165	111	5.323	1.486	0.279	11.3	22.85
1094	40.9297	116.2973	-305.7	472	OVI	0	0	0	0	55	37.2	1796	35	150	109	4.286	1.376	0.321	11.2	22.86
1095	40.9297	116.2978	-306.7	454	OVI	0	0	0	0	66	36.8	1859	37	151	134	4.081	1.127	0.276	11.2	22.85
1096	40.9296	116.2983	-306.3	391	OVI	0	0	0	0	61	35.5	1764	42	136	120	3.238	1.133	0.350	11.2	22.85
1097	40.9296	116.2988	-306.3	354	OVI	0	0	0	0	79	34.7	1653	39	96	134	2.462	0.716	0.291	11.1	22.87
1098	40.9296	116.2993	-305.7	353	OVI	0	0	0	0	58	34.7	1721	38	141	123	3.711	1.146	0.309	11.1	22.86
1099	40.9296	116.2998	-305.6	377	OVI	0	0	0	0	72	35.2	1767	44	96	149	2.182	0.644	0.295	11.2	22.87
1100	40.9296	116.3003	-305.3	409	OVI	0	0	0	0	52	35.9	1792	28	175	139	6.250	1.259	0.201	11.2	22.88
1101	40.9296	116.3008	-304.9	410	OVI	0	0	0	0	53	35.9	1817	47	111	141	2.362	0.787	0.333	11.3	22.90
1102	40.9296	116.3013	-305.9	370	OVI	0	0	0	0	58	35.1	1750	48	98	150	2.042	0.653	0.320	11.2	22.88
1103	40.9296	116.3018	-307.1	363	OVI	0	0	0	0	59	36.2	1746	35	112	143	3.200	0.783	0.245	11.2	22.87
1104	40.9296	116.3023	-307.3	382	OVI	0	0	0	0	36	36.7	1860	39	188	123	4.821	1.528	0.317	11.1	22.86
1105	40.9296	116.3028	-307.1	429	OVI	0	0	0	0	54	37.7	1983	53	166	127	3.132	1.307	0.417	11.2	22.87
1106	40.9296	116.3033	-306.5	450	OVI	0	0	0	0	50	38.1	1990	34	138	168	4.059	0.821	0.202	11.3	22.91
1107	40.9296	116.3038	-307.0	442	OVI	0	0	0	0	59	38.0	1888	39	197	109	5.051	1.807	0.358	11.2	22.91
1108	40.9296	116.3043	-306.8	422	OVI	0	0	0	0	58	37.5	1870	30	228	85	7.600	2.682	0.353	11.3	22.91
1109	40.9296	116.3048	-306.5	412	OVI	0	0	0	0	57	37.3	1823	48	144	137	3.000	1.051	0.350	11.2	22.89
1110	40.9296	116.3053	-307.4	413	OVI	0	0	0	0	49	37.3	1757	50	168	88	3.360	1.909	0.568	11.2	22.88
1111	40.9296	116.3058	-308.5	412	OVI	0	0	0	0	62	37.3	1862	41	179	106	4.366	1.689	0.387	11.2	22.86
1112	40.9296	116.3063	-308.2	411	OVI	0	0	0	0	64	37.3	1788	39	172	120	4.410	1.433	0.325	11.3	22.88
1113	40.9296	116.3068	-307.0	421	OVI	0	0	0	0	66	37.5	1901	53	144	125	2.717	1.152	0.424	11.2	22.87
1114	40.9296	116.3073	-307.8	427	OVI	0	0	0	0	66	37.6	1969	51	140	145	2.745	0.966	0.352	11.3	22.87
1115	40.9296	116.3078	-308.0	424	OVI	0	0	0	0	48	37.6	1867	51	121	133	2.373	0.910	0.383	11.4	22.87
1116	40.9296	116.3083	-307.9	425	OVI	0	0	0	0	66	37.6	2028	46	165	147	3.587	1.122	0.313	11.4	22.86
1117	40.9296	116.3088	-307.6	418	OVI	0	0	0	0	56	37.5	2036	53	87	206	1.642	0.422	0.257	11.3	22.83
1118	40.9296	116.3093	-304.0	418	OVI	0	0	0	0	55	37.5	2038	48	189	162	3.938	1.167	0.296	11.3	22.78
1119	40.9296	116.3098	-307.8	422	OVI	0	0	0	0	64	37.5	2013	46	150	163	3.261	0.920	0.282	11.3	22.79
1120	40.9296	116.3104	-306.2	419	OVI	0	0	0	0	85	37.5	2055	41	144	187	3.512	0.770	0.219	11.3	22.79
1121	40.9296	116.3109	-305.4	413	OVI	0	0	0	0	71	37.4	1993	53	94	192	1.774	0.490	0.276	11.4	22.80
1122	40.9296	116.3114	-306.0	389	OVI	0	0	0	0	55	31.2	2057	55	134	197	2.436	0.680	0.279	11.4	22.80
1123	40.9296	116.3119	-304.9	355	OVI	0	0	0	0	52	30.5	1952	58	123	183	2.121	0.672	0.317	11.4	22.77
1124	40.9296	116.3124	-305.6	319	OVI	0	0	0	0	72	29.8	1767	49	149	140	3.041	1.064	0.350	11.3	22.75
1125	40.9296	116.3129	-305.7	298	OVI	0	0	0	0	65	29.4	1816	41	88	189	2.146	0.466	0.217	11.3	22.77
1126	40.9296	116.3134	-305.3	300	OVI	0	0	0	0	49	29.5	1757	41	75	207	1.829	0.362	0.198	11.3	22.75
1127	40.9296	116.3139	-304.3	314	OVI	0	0	0	0	64	29.7	1849	28	174	144	6.214	1.208	0.194	11.3	22.75
1128	40.9295	116.3144	-303.4	348	OVI	0	0	0	0	57	30.4	1755	37	148	149	4.000	0.993	0.248	11.4	22.77
1129	40.9295	116.3149	-303.6	378	OVI	0	0	0	0	61	31.0	1832	34	140	185	4.118	0.757	0.184	11.3	22.76
1130	40.9295	116.3154	-303.0	411	OVI	0	0	0	0	59	31.6	1865	53	116	158	2.189	0.734	0.335	11.3	22.73
1131	40.9295	116.3159	-303.7	424	OVI	0	0	0	0	59	31.9	1819	55	114	141	2.073	0.809	0.390	11.2	22.71
1132	40.9295	116.3164	-304.4	422	OVI	0	0	0	0	47	31.8	1955	37	196	150	5.297	1.307	0.247	11.1	22.70
1133	40.9295	116.3169	-303.4	414	OVI	0	0	0	0	72	31.7	1781	53	153	98	2.887	1.561	0.541	11.1	22.69
1134	40.9295	116.3174	-303.8	407	OVI	0	0	0	0	75	31.5	1859	25	117	170	4.680	0.688	0.147	11.1	22.70
1135	40.9295	116.3179	-304.6	393	OVI	0	0	0	0	69	31.3	1900	48	126	142	2.625	0.887	0.338	11.2	22.72

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1136	40.9295	116.3184	-303.1	373	OVI	0	0	0	0	61	30.9	1765	54	116	133	2.148	0.872	0.406	11.2	22.71
1137	40.9295	116.3189	-303.7	345	OVI	0	0	0	0	61	30.4	1746	56	96	149	1.714	0.644	0.376	11.2	22.70
1138	40.9295	116.3194	-303.6	321	OVI	0	0	0	0	50	29.9	1727	42	191	115	4.548	1.661	0.365	11.1	22.71
1139	40.9295	116.3199	-304.3	310	OVI	0	0	0	0	54	29.7	1770	41	129	151	3.146	0.854	0.272	11.0	22.71
1140	40.9295	116.3204	-305.0	306	OVI	0	0	0	0	75	29.6	1712	39	153	135	3.923	1.133	0.289	11.0	22.72
1141	40.9295	116.3209	-305.1	310	OVI	0	0	0	0	48	28.7	1746	40	179	131	4.475	1.366	0.305	11.0	22.73
1142	40.9295	116.3214	-305.4	319	OVI	0	0	0	0	51	28.9	1716	45	153	120	3.400	1.275	0.375	11.1	22.75
1143	40.9295	116.3219	-305.7	335	OVI	0	0	0	0	75	29.2	1790	34	125	159	3.676	0.786	0.214	11.1	22.76
1144	40.9295	116.3224	-304.7	352	OVI	0	0	0	0	77	29.6	1815	45	152	101	3.378	1.505	0.446	11.1	22.77
1145	40.9295	116.3229	-304.4	369	OVI	0	0	0	0	49	29.9	1779	41	149	130	3.634	1.146	0.315	11.0	22.75
1146	40.9295	116.3234	-305.2	384	OVI	0	0	0	0	70	30.2	1875	23	157	164	6.826	0.957	0.140	10.9	22.73
1147	40.9295	116.3239	-304.9	397	OVI	0	0	0	0	68	30.4	1849	40	182	126	4.550	1.444	0.317	10.9	22.77
1148	40.9295	116.3244	-305.2	411	OVI	0	0	0	0	48	30.6	1904	58	151	134	2.603	1.127	0.433	10.9	22.77
1149	40.9295	116.3249	-304.3	415	OVI	0	0	0	0	69	30.7	1897	65	120	130	1.846	0.923	0.500	10.9	22.79
1150	40.9295	116.3255	-304.5	416	OVI	0	0	0	0	56	30.7	1938	57	206	87	3.614	2.368	0.655	11.0	22.81
1151	40.9295	116.3260	-304.2	428	OVI	0	0	0	0	83	30.9	1974	49	133	147	2.714	0.905	0.333	11.0	22.81
1152	40.9295	116.3265	-305.1	435	OVI	0	0	0	0	54	31.0	2014	51	151	167	2.961	0.904	0.305	10.9	22.83
1153	40.9295	116.3270	-304.1	415	OVI	0	0	0	0	65	30.7	1931	35	175	146	5.000	1.199	0.240	10.9	22.82
1154	40.9295	116.3275	-303.3	389	OVI	0	0	0	0	51	30.2	1861	51	94	190	1.843	0.495	0.268	10.9	22.79
1155	40.9295	116.3280	-302.4	384	OVI	0	0	0	0	76	30.2	1819	30	142	148	4.733	0.959	0.203	10.9	22.80
1156	40.9295	116.3285	-303.4	401	OVI	0	0	0	0	51	30.5	1821	44	150	139	3.409	1.079	0.317	10.9	22.82
1157	40.9295	116.3290	-303.1	432	OVI	0	0	0	0	48	31.0	1969	39	230	114	5.897	2.018	0.342	11.0	22.84
1158	40.9295	116.3295	-302.2	468	OVI	0	0	0	0	56	31.6	2076	54	191	151	3.537	1.265	0.358	11.0	22.86
1159	40.9295	116.3300	-301.1	491	OVI	0	0	0	0	63	32.0	2176	55	166	189	3.018	0.878	0.291	11.1	22.87
1160	40.9294	116.3305	-302.2	491	OVI	0	0	0	0	65	33.9	1985	40	191	136	4.775	1.404	0.294	11.0	22.85
1161	40.9294	116.3310	-303.1	466	OVI	0	0	0	0	74	33.5	1943	38	132	157	3.474	0.841	0.242	11.0	22.87
1162	40.9294	116.3315	-302.9	410	OVI	0	0	0	0	45	32.4	1808	48	107	151	2.229	0.709	0.318	11.0	22.97
1163	40.9294	116.3320	-302.2	399	OVI	0	0	0	0	60	32.2	1801	35	162	127	4.629	1.276	0.276	11.1	22.88
1164	40.9294	116.3325	-301.9	383	OVI	0	0	0	0	59	31.9	1782	41	98	173	2.390	0.566	0.237	11.0	22.88
1165	40.9294	116.3330	-302.6	358	OVI	0	0	0	0	61	31.4	1656	38	101	125	2.658	0.808	0.304	11.1	22.90
1166	40.9294	116.3335	-302.3	344	OVI	0	0	0	0	57	31.2	1676	38	122	123	3.211	0.992	0.309	11.2	22.92
1167	40.9294	116.3340	-300.9	349	OVI	0	0	0	0	68	31.3	1703	48	73	147	1.521	0.497	0.327	11.2	22.92
1168	40.9294	116.3345	-302.2	360	OVI	0	0	0	0	52	31.5	1767	47	132	140	2.809	0.943	0.336	11.2	22.91
1169	40.9294	116.3350	-301.7	374	OVI	0	0	0	0	41	31.8	1729	58	69	177	1.190	0.390	0.328	11.2	22.89
1170	40.9294	116.3355	-300.7	396	QOA3	0	0	0	0	57	32.2	1848	57	153	108	2.684	1.417	0.528	11.2	22.90
1171	40.9294	116.3360	-300.1	422	QOA3	0	0	0	0	51	32.7	1897	46	109	177	2.370	0.616	0.260	11.1	22.91
1172	40.9294	116.3365	-300.8	445	QOA3	0	0	0	0	53	33.1	1887	41	114	183	2.780	0.623	0.224	11.2	22.92
1173	40.9294	116.3370	-300.3	465	QOA3	0	0	0	0	74	33.4	1994	57	85	185	1.491	0.459	0.308	11.3	22.93
1174	40.9294	116.3375	-300.0	455	QOA3	0	0	0	0	60	33.3	1955	59	127	111	2.153	1.144	0.532	11.3	22.95
1175	40.9294	116.3380	-299.5	443	QOA3	0	0	0	0	55	33.0	1845	54	139	142	2.574	0.979	0.380	11.3	22.95
1176	40.9294	116.3385	-298.9	440	QOA3	0	0	0	0	67	33.0	1798	61	69	131	1.131	0.527	0.466	11.2	22.92
1177	40.9294	116.3390	-302.8	442	QOA3	0	0	0	0	73	33.0	1786	43	122	110	2.837	1.109	0.391	11.3	22.93
1178	40.9294	116.3395	-302.6	445	QOA3	0	0	0	0	64	33.1	1750	23	166	116	7.217	1.431	0.198	11.3	22.93
1179	40.9294	116.3400	-299.2	461	QOA3	0	0	0	0	61	37.6	1813	32	87	168	2.719	0.518	0.190	11.4	22.98
1180	40.9294	116.3406	-294.8	486	QOA3	0	0	0	0	52	38.1	1939	63	139	127	2.206	1.094	0.496	11.4	22.99
1181	40.9294	116.3411	-294.9	492	QOA3	0	0	0	0	55	38.2	1797	66	135	89	2.045	1.517	0.742	11.4	22.99
1182	40.9294	116.3416	-294.8	494	QOA3	0	0	0	0	57	38.3	1916	46	123	124	2.674	0.992	0.371	11.4	23.00
1183	40.9294	116.3421	-292.9	495	QOA3	0	0	0	0	61	38.3	1842	53	82	152	1.547	0.539	0.349	11.4	22.99
1184	40.9294	116.3426	-292.3	494	QOA3	0	0	0	0	64	38.3	1906	52	92	147	1.769	0.626	0.354	11.3	23.00
1185	40.9294	116.3431	-291.5	493	QOA3	0	0	0	0	72	38.3	1855	52	70	174	1.346	0.402	0.299	11.3	23.00
1186	40.9294	116.3436	-289.6	491	QOA3	0	0	0	0	50	38.2	1903	58	109	131	1.879	0.832	0.443	11.3	23.01
1187	40.9294	116.3441	-290.6	488	QOA3	0	0	0	0	54	38.2	1824	58	64	187	1.103	0.342	0.310	11.4	23.02
1188	40.9294	116.3446	-291.2	488	QOA3	0	0	0	0	61	38.2	1738	30	152	132	5.067	1.152	0.227	11.4	23.07
1189	40.9294	116.3451	-291.4	484	QOA3	0	0	0	0	43	38.1	1772	44	77	178	1.750	0.433	0.247	11.5	23.09

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1190	40.9294	116.3456	-292.5	478	QQA3	0	0	0	0	58	38.0	1725	50	87	147	1.740	0.592	0.340	11.6	23.12
1191	40.9294	116.3461	-293.3	463	QQA3	0	0	0	0	64	37.7	1738	43	108	123	2.512	0.878	0.350	11.5	23.11
1192	40.9293	116.3466	-292.9	445	QQA3	0	0	0	0	67	37.3	1696	47	97	109	2.064	0.890	0.431	11.5	23.11
1193	40.9293	116.3471	-288.6	430	QQA3	0	0	0	0	62	37.0	1711	40	107	162	2.675	0.660	0.247	11.5	23.12
1194	40.9293	116.3476	-288.6	418	QQA3	0	0	0	0	58	36.8	1749	36	143	117	3.972	1.222	0.308	11.5	23.12
1195	40.9293	116.3481	-286.5	414	QQA3	0	0	0	0	64	36.7	1772	40	157	118	3.925	1.331	0.339	11.5	23.15
1196	40.9293	116.3486	-283.2	409	QQA3	0	0	0	0	51	36.6	1796	56	119	154	2.125	0.773	0.364	11.6	23.17
1197	40.9293	116.3491	-279.6	407	QQA3	0	0	0	0	53	36.5	1790	47	100	139	2.128	0.719	0.338	11.7	23.19
1198	40.9293	116.3496	-276.3	401	QQA3	0	0	0	0	46	37.6	1827	63	48	185	0.762	0.259	0.341	11.7	23.20
1199	40.9293	116.3501	-277.3	388	QQA3	0	0	0	0	59	37.3	1768	54	78	146	1.444	0.534	0.370	11.7	23.20
1200	40.9293	116.3506	-279.6	375	QQA3	0	0	0	0	57	37.0	1782	50	154	82	3.080	1.878	0.610	11.7	23.20
1201	40.9293	116.3510	-284.3	362	QQA3	0	0	0	0	52	36.7	1700	51	128	109	2.510	1.174	0.468	11.7	23.18
1202	40.9293	116.3514	-283.8	356	QQA3	0	0	0	0	46	36.6	1712	59	65	136	1.102	0.478	0.434	11.7	23.20
1203	40.9293	116.3518	-285.4	361	QQA3	0	0	0	0	49	36.7	1660	47	97	141	2.064	0.688	0.333	11.8	23.22
1204	40.9293	116.3521	-286.0	372	QQA3	0	0	0	0	44	37.0	1770	53	102	131	1.925	0.779	0.405	11.9	23.25
1205	40.9293	116.3525	-285.6	376	QQA3	0	0	0	0	56	37.0	1751	56	147	101	2.625	1.455	0.554	12.0	23.25
1206	40.9292	116.3529	-284.5	382	QQA3	0	0	0	0	47	37.2	1727	61	91	131	1.492	0.695	0.466	12.1	23.27
1207	40.9292	116.3533	-283.3	389	QQA3	0	0	0	0	63	37.4	1794	65	71	136	1.092	0.522	0.478	12.0	23.23
1208	40.9292	116.3537	-280.7	395	QQA3	0	0	0	0	51	37.5	1819	58	83	141	1.431	0.589	0.411	12.0	23.21
1209	40.9292	116.3541	-280.5	402	QQA3	0	0	0	0	60	37.6	1822	49	92	182	1.878	0.505	0.269	12.0	23.20
1210	40.9292	116.3544	-283.1	413	QQA3	0	0	0	0	45	37.9	1816	60	71	158	1.183	0.449	0.380	12.0	23.21
1211	40.9292	116.3548	-282.0	411	QQA3	0	0	0	0	48	37.8	1900	63	109	141	1.730	0.773	0.447	12.0	23.21
1212	40.9292	116.3552	-281.9	410	QQA3	0	0	0	0	50	37.8	1828	65	82	150	1.262	0.547	0.433	12.1	23.20
1213	40.9292	116.3556	-282.4	412	QQA3	0	0	0	0	50	37.9	1855	68	117	105	1.721	1.114	0.648	12.2	23.20
1214	40.9291	116.3560	-284.0	418	QQA3	0	0	0	0	48	38.0	1829	61	90	134	1.475	0.672	0.455	12.3	23.21
1215	40.9291	116.3563	-283.9	413	OVI	0	0	0	0	55	37.9	1860	46	38	221	0.826	0.172	0.208	12.3	23.19
1216	40.9291	116.3567	-284.9	409	OVI	0	0	0	0	59	37.8	1713	39	117	156	3.000	0.750	0.250	12.3	23.17
1217	40.9291	116.3571	-284.4	397	OVI	0	0	0	0	33	36.5	1765	44	116	128	2.636	0.906	0.344	12.3	23.16
1218	40.9291	116.3575	-285.4	380	OVI	0	0	0	0	66	36.1	1732	38	143	120	3.763	1.192	0.317	12.3	23.15
1219	40.9291	116.3579	-286.5	358	OVI	0	0	0	0	50	35.6	1635	50	121	77	2.420	1.571	0.649	12.2	23.13
1220	40.9291	116.3583	-286.8	344	OVI	0	0	0	0	47	35.3	1653	35	136	147	3.886	0.925	0.238	12.2	23.13
1221	40.9290	116.3586	-288.2	341	OVI	0	0	0	0	55	35.2	1552	49	35	160	0.714	0.219	0.306	12.3	23.10
1222	40.9290	116.3590	-287.5	332	OVI	0	0	0	0	62	35.1	1564	42	91	137	2.167	0.664	0.307	12.3	23.09
1223	40.9290	116.3594	-286.3	311	OVI	0	0	0	0	56	34.6	1564	35	116	110	3.314	1.055	0.318	12.3	23.09
1224	40.9290	116.3598	-284.9	285	OVI	0	0	0	0	46	33.9	1552	49	83	124	1.694	0.669	0.395	12.4	23.09
1225	40.9290	116.3602	-286.5	267	OVI	0	0	0	0	46	33.5	1424	38	80	129	2.105	0.620	0.295	12.4	23.10
1226	40.9290	116.3605	-284.9	264	OVI	0	0	0	0	45	33.4	1389	26	124	110	4.769	1.127	0.236	12.4	23.12
1227	40.9290	116.3609	-284.3	271	OVI	0	0	0	0	47	33.6	1433	33	93	100	2.818	0.930	0.330	12.3	23.09
1228	40.9290	116.3613	-283.3	292	OVI	0	0	0	0	45	34.1	1447	30	94	132	3.133	0.712	0.227	12.3	23.05
1229	40.9289	116.3617	-284.0	317	OVI	0	0	0	0	54	34.7	1434	37	103	89	2.784	1.157	0.416	12.3	23.01
1230	40.9289	116.3621	-282.7	361	DEU	0	0	0	0	66	35.7	1516	21	107	126	5.095	0.849	0.167	12.3	22.99
1231	40.9289	116.3624	-282.2	419	DEU	0	0	0	0	60	37.0	1531	32	77	118	2.406	0.653	0.271	12.3	22.97
1232	40.9289	116.3628	-281.4	470	DEU	0	0	0	0	58	38.0	1582	34	109	96	3.206	1.135	0.354	12.4	22.97
1233	40.9289	116.3632	-271.9	489	DEU	0	0	0	0	68	38.4	1636	32	83	127	2.594	0.654	0.252	12.4	22.98
1234	40.9289	116.3636	-275.6	491	DEU	0	0	0	0	56	38.4	1495	31	36	166	1.161	0.217	0.187	12.3	22.97
1235	40.9289	116.3640	-277.3	487	DEU	0	0	0	0	64	38.3	1492	24	89	124	3.708	0.718	0.194	12.3	22.98
1236	40.9288	116.3644	-278.6	489	DEU	0	0	0	0	58	41.2	1492	27	88	111	3.259	0.793	0.243	12.2	22.99
1237	40.9288	116.3647	-278.0	493	DEU	0	0	0	0	47	41.3	1522	39	90	99	2.308	0.909	0.394	12.2	23.03
1238	40.9288	116.3651	-278.4	494	DEU	0	0	0	0	57	41.3	1454	34	61	111	1.794	0.550	0.306	12.1	23.03
1239	40.9288	116.3655	-278.0	499	DEU	0	0	0	0	37	41.4	1535	34	90	131	2.647	0.687	0.260	12.0	23.05
1240	40.9288	116.3659	-277.1	514	DEU	0	0	0	0	52	41.8	1540	31	121	71	3.903	1.704	0.437	12.0	23.05
1241	40.9288	116.3663	-276.9	528	DEU	0	0	0	0	52	42.0	1607	37	106	97	2.865	1.093	0.381	12.1	23.09
1242	40.9288	116.3666	-276.3	498	DEU	0	0	0	0	47	41.4	1625	52	40	143	0.769	0.280	0.364	12.1	23.12
1243	40.9288	116.3670	-276.5	493	DEU	0	0	0	0	58	41.3	1736	57	68	135	1.193	0.504	0.422	12.0	23.11

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1244	40.9287	116.3674	-277.0	484	DEU	0	0	0	0	41	41.1	1681	35	121	126	3.457	0.960	0.278	12.0	23.15
1245	40.9287	116.3678	-277.8	467	DEU	0	0	0	0	43	40.8	1540	36	82	123	2.278	0.667	0.293	11.9	23.16
1246	40.9287	116.3682	-278.3	455	DEU	0	0	0	0	58	40.5	1571	34	119	90	3.500	1.322	0.378	11.9	23.17
1247	40.9287	116.3686	-278.2	456	DEU	0	0	0	0	47	40.5	1628	57	62	122	1.088	0.508	0.467	11.9	23.20
1248	40.9287	116.3689	-278.8	459	DEU	0	0	0	0	56	40.6	1483	26	127	76	4.885	1.671	0.342	11.9	23.22
1249	40.9287	116.3693	-280.7	469	DEU	0	0	0	0	53	40.8	1559	40	89	89	2.225	1.000	0.449	11.9	23.23
1250	40.9287	116.3697	-277.4	486	DEU	0	0	0	0	61	41.2	1610	43	90	118	2.093	0.763	0.364	11.9	23.26
1251	40.9287	116.3701	-278.5	493	DEU	0	0	0	0	38	41.3	1537	33	106	96	3.212	1.104	0.344	11.9	23.28
1252	40.9286	116.3705	-275.9	495	DEU	0	0	0	0	56	41.4	1525	45	64	78	1.422	0.821	0.577	11.9	23.28
1253	40.9286	116.3708	-276.0	498	DEU	0	0	0	0	51	41.4	1572	43	98	95	2.279	1.032	0.453	12.0	23.31
1254	40.9286	116.3712	-276.5	496	DEU	0	0	0	0	66	41.4	1479	32	60	122	1.875	0.492	0.262	11.9	23.31
1255	40.9286	116.3716	-276.1	498	DEU	0	0	0	0	50	41.4	1534	36	89	107	2.472	0.832	0.336	11.9	23.33
1256	40.9286	116.3720	-270.8	498	DEU	0	0	0	0	46	41.4	1409	28	119	82	4.250	1.451	0.341	11.9	23.35
1257	40.9286	116.3724	-275.1	508	DEU	0	0	0	0	54	41.6	1498	31	75	114	2.419	0.658	0.272	12.0	23.39
1258	40.9286	116.3728	-276.4	498	DEU	0	0	0	0	51	41.4	1515	37	64	112	1.730	0.571	0.330	12.0	23.40
1259	40.9285	116.3731	-275.8	498	DEU	0	0	0	0	52	41.4	1473	44	41	129	0.932	0.318	0.341	12.0	23.42
1260	40.9285	116.3735	-274.4	497	DEU	0	0	0	0	58	41.4	1547	24	102	139	4.250	0.734	0.173	12.0	23.43
1261	40.9285	116.3739	-272.6	495	DEU	0	0	0	0	47	41.3	1541	31	82	93	2.645	0.882	0.333	12.0	23.45
1262	40.9285	116.3743	-273.1	493	DEU	0	0	0	0	42	41.3	1568	38	133	94	3.500	1.415	0.404	12.0	23.48
1263	40.9285	116.3747	-271.8	486	DEU	0	0	0	0	59	41.2	1637	38	117	125	3.079	0.936	0.304	12.1	23.48
1264	40.9285	116.3750	-271.1	463	DEU	0	0	0	0	43	40.7	1669	48	56	152	1.167	0.368	0.316	12.1	23.49
1265	40.9285	116.3754	-272.0	431	DEU	0	0	0	0	46	40.0	1615	39	61	161	1.564	0.379	0.242	12.1	23.52
1266	40.9285	116.3758	-271.4	403	DEU	0	0	0	0	52	39.3	1671	48	111	130	2.313	0.854	0.369	12.1	23.51
1267	40.9284	116.3762	-271.2	387	DEU	0	0	0	0	54	39.0	1690	52	103	126	1.981	0.817	0.413	12.2	23.53
1268	40.9284	116.3766	-270.7	381	DEU	0	0	0	0	52	38.8	1602	29	124	115	4.276	1.078	0.252	12.3	23.53
1269	40.9284	116.3769	-271.6	377	DEU	0	0	0	0	45	38.7	1695	47	101	122	2.149	0.828	0.385	12.3	23.56
1270	40.9284	116.3773	-271.6	375	OVI	0	0	0	0	40	38.7	1731	46	158	110	3.435	1.436	0.418	12.3	23.55
1271	40.9284	116.3777	-272.3	371	OVI	0	0	0	0	43	38.6	1752	46	117	131	2.543	0.893	0.351	12.4	23.57
1272	40.9284	116.3781	-272.2	365	OVI	0	0	0	0	49	38.4	1726	37	160	131	4.324	1.221	0.282	12.4	23.59
1273	40.9284	116.3785	-271.2	360	OVI	0	0	0	0	49	38.3	1775	52	97	145	1.865	0.669	0.359	12.5	23.63
1274	40.9283	116.3789	-271.2	350	OVI	0	0	0	0	63	37.1	1760	38	117	140	3.079	0.836	0.271	12.4	23.62
1275	40.9283	116.3792	-271.7	331	OVI	0	0	0	0	55	36.7	1748	38	119	147	3.132	0.810	0.259	12.4	23.63
1276	40.9283	116.3796	-272.8	318	OVI	0	0	0	0	56	36.4	1704	50	81	148	1.620	0.547	0.338	12.5	23.64
1277	40.9283	116.3800	-272.5	305	OVI	0	0	0	0	51	36.0	1705	59	60	172	1.017	0.349	0.343	12.5	23.65
1278	40.9283	116.3804	-272.1	287	OVI	0	0	0	0	44	35.6	1632	35	131	151	3.743	0.868	0.232	12.6	23.66
1279	40.9283	116.3808	-271.8	278	OVI	0	0	0	0	73	35.4	1803	50	143	135	2.860	1.059	0.370	12.7	23.71
1280	40.9283	116.3811	-271.3	272	OVI	0	0	0	0	47	35.2	1798	49	93	173	1.898	0.538	0.283	12.8	23.72
1281	40.9283	116.3815	-270.9	274	OVI	0	0	0	0	54	35.3	1777	52	117	170	2.250	0.688	0.306	12.8	23.73
1282	40.9282	116.3819	-269.8	274	OVI	0	0	0	0	45	35.3	1824	51	95	183	1.863	0.519	0.279	12.8	23.71
1283	40.9282	116.3823	-269.3	274	OVI	0	0	0	0	34	35.3	1842	55	110	155	2.000	0.710	0.355	12.7	23.71
1284	40.9282	116.3827	-267.6	277	OVI	0	0	0	0	59	35.3	1817	55	111	176	2.018	0.631	0.313	12.9	23.70
1285	40.9282	116.3831	-267.2	285	OVI	0	0	0	0	46	35.5	1888	52	134	149	2.577	0.899	0.349	12.9	23.71
1286	40.9282	116.3834	-267.3	300	OVI	0	0	0	0	61	35.9	1925	53	110	154	2.075	0.714	0.344	13.0	23.72
1287	40.9282	116.3838	-269.3	319	OVI	0	0	0	0	50	36.4	1854	46	141	178	3.065	0.792	0.258	13.1	23.73
1288	40.9282	116.3842	-269.0	337	OVI	0	0	0	0	45	36.8	1964	58	111	183	1.914	0.607	0.317	13.2	23.75
1289	40.9282	116.3846	-269.0	354	QOA3	0	0	0	0	53	37.2	1872	56	85	205	1.518	0.415	0.273	13.2	23.71
1290	40.9281	116.3850	-269.1	367	QOA3	0	0	0	0	55	37.5	1803	32	164	140	5.125	1.171	0.229	13.1	23.68
1291	40.9281	116.3853	-269.1	383	QOA3	0	0	0	0	57	37.9	1788	47	125	120	2.660	1.042	0.392	13.1	23.67
1292	40.9281	116.3857	-264.2	395	QOA3	0	0	0	0	44	38.2	1896	63	89	168	1.413	0.530	0.375	13.2	23.66
1293	40.9281	116.3861	-266.5	409	QOA3	0	0	0	0	48	32.9	1927	46	130	164	2.826	0.793	0.280	13.2	23.69
1294	40.9281	116.3867	-393.3	418	QOA3	0	0	0	0	48	33.1	1866	59	134	172	2.271	0.779	0.343	13.3	23.67
1295	40.9281	116.3873	-265.6	422	QOA3	0	0	0	0	45	33.1	1874	42	111	185	2.643	0.600	0.227	13.3	23.69
1296	40.9281	116.3878	-264.7	425	QOA3	0	0	0	0	27	33.2	1943	70	108	161	1.543	0.671	0.435	13.2	23.66
1297	40.9281	116.3884	-262.6	426	QOA3	0	0	0	0	33	33.2	1908	53	196	128	3.698	1.531	0.414	13.2	23.67

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1298	40.9281	116.3890	-260.7	430	QOA3	0	0	0	0	51	33.3	1841	34	140	151	4.118	0.927	0.225	13.2	23.67
1299	40.9281	116.3896	-257.8	430	QOA3	0	0	0	0	44	33.3	1939	56	120	141	2.143	0.851	0.397	13.2	23.68
1300	40.9282	116.3901	-254.2	431	QOA3	0	0	0	0	47	33.3	1844	45	51	210	1.133	0.243	0.214	13.3	23.70
1301	40.9282	116.3907	-250.9	425	QOA3	0	0	0	0	42	33.2	1883	65	135	107	2.077	1.262	0.607	13.3	23.70
1302	40.9282	116.3913	-248.1	415	QOA3	0	0	0	0	35	33.0	1890	63	123	143	1.952	0.860	0.441	13.3	23.68
1303	40.9282	116.3919	-245.3	404	QOA3	0	0	0	0	40	32.8	1775	38	167	128	4.395	1.305	0.297	13.3	23.69
1304	40.9282	116.3924	-245.2	398	QOA3	0	0	0	0	43	32.7	1830	54	100	148	1.852	0.676	0.365	13.3	23.71
1305	40.9282	116.3930	-243.5	389	QOA3	0	0	0	0	45	32.5	1747	51	115	131	2.255	0.878	0.389	13.2	23.69
1306	40.9282	116.3936	-242.1	387	QOA3	0	0	0	0	48	32.5	1828	67	87	153	1.299	0.569	0.438	13.3	23.70
1307	40.9282	116.3942	-241.7	387	QOA3	0	0	0	0	59	32.5	1928	47	143	158	3.043	0.905	0.297	13.3	23.71
1308	40.9282	116.3947	-239.3	395	QOA3	0	0	0	0	46	32.6	1912	40	168	136	4.200	1.235	0.294	13.3	23.71
1309	40.9282	116.3953	-234.2	391	QOA3	0	0	0	0	56	32.6	1946	64	55	193	0.859	0.285	0.332	13.3	23.71
1310	40.9282	116.3959	-228.0	373	TVU	0	0	0	0	41	32.2	1926	53	146	173	2.755	0.844	0.306	13.3	23.71
1311	40.9283	116.3965	-219.6	352	TVU	0	0	0	0	43	31.8	1944	51	84	200	1.647	0.420	0.255	13.3	23.70
1312	40.9283	116.3970	-210.6	333	TVU	0	0	0	0	54	30.1	1894	54	139	135	2.574	1.030	0.400	13.3	23.71
1313	40.9283	116.3976	-194.4	312	TVU	0	0	0	0	47	29.7	1731	65	84	133	1.292	0.632	0.489	13.4	23.68
1314	40.9283	116.3982	-187.3	310	TVU	0	0	0	0	51	29.7	1823	62	102	151	1.645	0.675	0.411	13.3	23.70
1315	40.9283	116.3988	-177.3	323	TVU	0	0	0	0	50	29.9	1906	60	149	174	2.483	0.856	0.345	13.3	23.69
1316	40.9283	116.3993	-169.0	345	TVU	0	0	0	0	38	30.4	2023	63	172	162	2.730	1.062	0.389	13.3	23.68
1317	40.9283	116.3999	-161.9	376	TVU	0	0	0	0	38	31.0	2128	89	131	161	1.472	0.814	0.553	13.4	23.70
1318	40.9283	116.4005	-156.5	410	TVU	0	0	0	0	58	31.6	2183	52	120	224	2.308	0.536	0.232	13.5	23.71
1319	40.9283	116.4011	-153.0	419	TVU	0	0	0	0	41	31.8	2309	87	123	216	1.414	0.569	0.403	13.5	23.71
1320	40.9283	116.4016	-151.4	418	TVU	0	0	0	0	45	31.8	2376	96	166	202	1.729	0.822	0.475	13.5	23.70
1321	40.9283	116.4022	-210.7	405	TVU	0	0	0	0	47	31.5	2326	84	140	231	1.667	0.606	0.364	13.3	23.66
1322	40.9283	116.4028	-166.5	385	TVU	0	0	0	0	34	31.2	2363	67	110	286	1.642	0.385	0.234	13.3	23.66
1323	40.9284	116.4034	-174.8	363	TVU	0	0	0	0	37	30.7	2290	76	143	239	1.882	0.598	0.318	13.4	23.66
1324	40.9284	116.4039	-181.4	341	TVU	0	0	0	0	58	30.3	2330	65	119	258	1.831	0.461	0.252	13.4	23.63
1325	40.9284	116.4045	-183.1	327	TVU	0	0	0	0	44	30.0	2319	78	215	215	2.756	1.000	0.363	13.4	23.65
1326	40.9284	116.4051	-183.8	320	TVU	0	0	0	0	42	29.9	2266	81	148	255	1.827	0.580	0.318	13.5	23.65
1327	40.9284	116.4057	-187.1	323	TVU	0	0	0	0	47	29.9	2189	58	187	200	3.224	0.935	0.290	13.5	23.64
1328	40.9284	116.4062	-183.6	339	TVU	0	0	0	0	44	30.3	2298	65	197	204	3.031	0.966	0.319	13.5	23.64
1329	40.9284	116.4068	-181.4	357	TVU	0	0	0	0	41	30.6	2202	75	127	222	1.693	0.572	0.338	13.4	23.59
1330	40.9284	116.4074	-181.8	385	TVU	0	0	0	0	55	31.1	2289	81	163	173	2.012	0.942	0.468	13.4	23.56
1331	40.9284	116.4080	-181.5	406	TVU	0	0	0	0	59	28.7	2301	96	129	199	1.344	0.648	0.482	13.4	23.55
1332	40.9284	116.4085	-182.7	419	TVU	0	0	0	0	49	28.9	2371	87	139	216	1.598	0.644	0.403	13.4	23.57
1333	40.9284	116.4091	-182.5	427	TVU	0	0	0	0	53	29.0	2362	76	99	231	1.303	0.429	0.329	13.4	23.56
1334	40.9284	116.4097	-180.9	429	TVU	0	0	0	0	54	29.0	2228	76	80	246	1.053	0.325	0.309	13.4	23.57
1335	40.9285	116.4103	-180.9	413	TVU	0	0	0	0	62	28.8	2207	79	171	183	2.165	0.934	0.432	13.3	23.57
1336	40.9285	116.4108	-178.1	404	TVU	0	0	0	0	55	28.6	2259	61	125	200	2.049	0.625	0.305	13.4	23.57
1337	40.9285	116.4114	-178.6	401	TVU	0	0	0	0	56	28.6	2176	82	74	212	0.902	0.349	0.387	13.3	23.57
1338	40.9285	116.4120	-177.4	398	TVU	0	0	0	0	43	28.5	2231	85	154	204	1.812	0.755	0.417	13.3	23.56
1339	40.9285	116.4126	-240.4	393	TVU	0	0	0	0	48	28.4	2222	79	92	231	1.165	0.398	0.342	13.3	23.57
1340	40.9285	116.4132	-181.7	394	TVU	0	0	0	0	51	28.4	2199	74	149	190	2.014	0.784	0.389	13.2	23.56
1341	40.9285	116.4137	-182.9	390	TVU	0	0	0	0	51	28.4	2168	76	165	193	2.171	0.855	0.394	13.2	23.57
1342	40.9285	116.4143	-187.4	377	TVU	0	0	0	0	40	28.2	2267	62	183	204	2.952	0.897	0.304	13.1	23.55
1343	40.9285	116.4149	-190.5	354	TVU	0	0	0	0	36	27.8	2255	79	139	213	1.759	0.653	0.371	13.1	23.54
1344	40.9285	116.4155	-192.4	345	TVU	0	0	0	0	39	27.6	2180	75	176	189	2.347	0.931	0.397	13.1	23.55
1345	40.9285	116.4160	-193.8	348	TVU	0	0	0	0	49	27.7	2144	84	70	209	0.833	0.335	0.402	13.2	23.58
1346	40.9285	116.4166	-194.9	349	TVU	0	0	0	0	47	27.7	2118	93	73	174	0.785	0.420	0.534	13.2	23.59
1347	40.9286	116.4172	-195.7	359	TVU	0	0	0	0	47	27.8	2084	67	205	140	3.060	1.464	0.479	13.2	23.59
1348	40.9286	116.4178	-197.0	368	TVU	0	0	0	0	34	28.0	2220	71	156	208	2.197	0.750	0.341	13.1	23.57
1349	40.9286	116.4183	-196.8	379	TVU	0	0	0	0	54	28.2	2103	65	162	173	2.492	0.936	0.376	13.0	23.56
1350	40.9286	116.4189	-195.8	392	TVU	0	0	0	0	45	28.0	2214	85	125	165	1.471	0.758	0.515	13.0	23.56
1351	40.9286	116.4195	-191.1	402	TVU	0	0	0	0	49	28.2	2142	70	131	206	1.871	0.636	0.340	13.0	23.57

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1352	40.9286	116.4201	-188.2	408	TVU	0	0	0	0	48	28.3	2067	84	68	218	0.810	0.312	0.385	13.0	23.59
1353	40.9286	116.4206	-185.8	416	TVU	0	0	0	0	48	28.4	2087	94	53	233	0.564	0.227	0.403	13.0	23.60
1354	40.9286	116.4212	-184.3	424	TVU	0	0	0	0	47	28.5	2192	88	158	171	1.795	0.924	0.515	13.1	23.61
1355	40.9286	116.4218	-184.2	423	TVU	0	0	0	0	59	28.5	2083	83	79	195	0.952	0.405	0.426	13.0	23.61
1356	40.9286	116.4224	-186.6	418	TVU	0	0	0	0	57	28.4	2190	78	158	190	2.026	0.832	0.411	12.9	23.61
1357	40.9286	116.4229	-189.6	415	TVU	0	0	0	0	50	28.4	2104	74	113	193	1.527	0.585	0.383	12.9	23.60
1358	40.9286	116.4235	-196.9	415	TVU	0	0	0	0	55	28.4	2153	80	143	130	1.787	1.100	0.615	13.0	23.60
1359	40.9287	116.4241	-201.3	412	TVU	0	0	0	0	62	28.3	2164	61	195	126	3.197	1.548	0.484	12.9	23.61
1360	40.9287	116.4247	-207.3	404	TVU	0	0	0	0	61	28.2	2055	69	70	226	1.014	0.310	0.305	13.0	23.63
1361	40.9287	116.4252	-212.0	397	TVU	0	0	0	0	66	28.1	2089	70	151	161	2.157	0.938	0.435	12.9	23.63
1362	40.9287	116.4258	-217.2	388	TVU	0	0	0	0	61	28.0	2170	78	108	180	1.385	0.600	0.433	12.9	23.63
1363	40.9287	116.4264	-224.3	388	TVU	0	0	0	0	45	28.0	2229	66	123	237	1.864	0.519	0.278	13.0	23.65
1364	40.9287	116.4270	-236.4	392	TVU	0	0	0	0	55	28.0	2162	82	80	196	0.976	0.408	0.418	12.9	23.67
1365	40.9287	116.4275	-249.3	384	TVU	0	0	0	0	50	27.9	2284	79	117	220	1.481	0.532	0.359	13.0	23.68
1366	40.9287	116.4281	-260.1	368	TVU	0	0	0	0	54	27.6	2116	68	119	212	1.750	0.561	0.321	13.0	23.67
1367	40.9287	116.4287	-268.4	350	TVU	0	0	0	0	62	27.3	2164	63	107	238	1.698	0.450	0.265	13.1	23.67
1368	40.9287	116.4293	-270.4	337	TVU	0	0	0	0	56	27.1	2230	68	167	229	2.456	0.729	0.297	12.9	23.66
1369	40.9287	116.4298	-274.1	330	TVU	0	0	0	0	60	25.9	2229	76	110	225	1.447	0.489	0.338	12.9	23.65
1370	40.9287	116.4304	-275.4	337	TVU	0	0	0	0	50	26.0	2128	49	171	246	3.490	0.695	0.199	12.9	23.65
1371	40.9288	116.4310	-273.7	348	TVU	0	0	0	0	59	26.2	2205	68	132	233	1.941	0.567	0.292	12.9	23.65
1372	40.9288	116.4316	-273.3	352	TVU	0	0	0	0	45	26.3	2265	81	113	246	1.395	0.459	0.329	13.0	23.65
1373	40.9288	116.4321	-278.8	340	TVU	0	0	0	0	55	26.1	2215	87	129	209	1.483	0.617	0.416	13.0	23.69
1374	40.9288	116.4327	-293.7	327	TVU	0	0	0	0	42	25.9	2300	62	139	274	2.242	0.507	0.226	13.0	23.70
1375	40.9288	116.4333	-310.7	319	TVU	0	0	0	0	38	25.7	2218	102	61	232	0.598	0.263	0.440	13.1	23.70
1376	40.9288	116.4339	-322.2	328	TVU	0	0	0	0	41	25.9	2271	79	209	183	2.646	1.142	0.432	12.9	23.66
1377	40.9288	116.4344	-329.2	349	TVU	0	0	0	0	39	26.3	2181	81	125	243	1.543	0.514	0.333	13.0	23.66
1378	40.9288	116.4350	-331.9	372	TVU	0	0	0	0	33	26.6	2168	57	175	207	3.070	0.845	0.275	13.0	23.66
1379	40.9288	116.4356	-325.3	398	TVU	0	0	0	0	54	27.0	2298	71	158	250	2.225	0.632	0.284	13.1	23.66
1380	40.9288	116.4362	-313.0	419	TVU	0	0	0	0	40	27.4	2299	69	149	205	2.159	0.727	0.337	13.1	23.65
1381	40.9288	116.4367	-298.0	432	TVU	0	0	0	0	51	27.6	2410	87	191	203	2.195	0.941	0.429	13.1	23.67
1382	40.9289	116.4373	-283.1	436	TVU	0	0	0	0	53	27.6	2289	80	148	198	1.850	0.747	0.404	13.1	23.64
1383	40.9289	116.4379	-257.6	427	TVU	0	0	0	0	51	27.5	2379	87	153	270	1.759	0.567	0.322	13.1	23.67
1384	40.9289	116.4385	-249.6	413	TVU	0	0	0	0	39	27.3	2371	70	188	201	2.686	0.935	0.348	13.1	23.67
1385	40.9289	116.4390	-241.6	403	TVU	0	0	0	0	41	27.1	2407	80	223	216	2.787	1.032	0.370	13.2	23.69
1386	40.9289	116.4396	-236.3	389	TVU	0	0	0	0	33	26.9	2396	77	184	236	2.390	0.780	0.326	13.2	23.71
1387	40.9289	116.4402	-236.1	370	TVU	0	0	0	0	56	26.6	2422	87	131	231	1.506	0.567	0.377	13.2	23.69
1388	40.9289	116.4408	-242.4	347	TVU	0	0	0	0	47	27.0	2404	71	167	261	2.352	0.640	0.272	13.2	23.68
1389	40.9289	116.4413	-251.2	327	TVU	0	0	0	0	49	26.6	2412	86	125	273	1.453	0.458	0.315	13.1	23.70
1390	40.9289	116.4419	-258.2	314	TVU	0	0	0	0	36	26.4	2297	88	150	238	1.705	0.630	0.370	13.1	23.67
1391	40.9289	116.4425	-264.1	314	TVU	0	0	0	0	45	26.4	2333	64	214	219	3.344	0.977	0.292	13.2	23.68
1392	40.9289	116.4431	-272.7	313	TVU	0	0	0	0	49	26.4	2211	73	235	167	3.219	1.407	0.437	13.2	23.69
1393	40.9289	116.4436	-282.8	316	TVU	0	0	0	0	49	26.4	2182	70	160	208	2.286	0.769	0.337	13.2	23.71
1394	40.9290	116.4442	-289.1	325	TVU	0	0	0	0	49	26.6	2224	80	121	241	1.513	0.502	0.332	13.3	23.73
1395	40.9290	116.4448	-285.9	335	TVU	0	0	0	0	60	26.8	2190	77	114	206	1.481	0.553	0.374	13.3	23.73
1396	40.9290	116.4454	-277.3	341	TVU	0	0	0	0	48	26.9	2082	81	108	198	1.333	0.545	0.409	13.3	23.69
1397	40.9290	116.4460	-252.4	344	TVU	0	0	0	0	52	26.9	2173	93	111	207	1.194	0.536	0.449	13.3	23.68
1398	40.9290	116.4465	-252.1	360	TVU	0	0	0	0	55	27.2	2129	69	100	242	1.449	0.413	0.285	13.2	23.69
1399	40.9290	116.4471	-246.6	377	TVU	0	0	0	0	45	27.5	2204	62	147	213	2.371	0.690	0.291	13.3	23.70
1400	40.9290	116.4477	-250.6	389	TVU	0	0	0	0	60	27.7	2140	63	120	240	1.905	0.500	0.262	13.2	23.68
1401	40.9290	116.4483	-256.4	402	TVU	0	0	0	0	46	27.9	2174	65	200	150	3.077	1.333	0.433	13.3	23.71
1402	40.9290	116.4488	-259.9	412	TVU	0	0	0	0	46	28.1	2128	74	92	173	1.243	0.532	0.428	13.3	23.71
1403	40.9290	116.4494	-266.8	416	TVU	0	0	0	0	47	28.1	2197	81	105	211	1.296	0.498	0.384	13.4	23.71
1404	40.9290	116.4500	-271.7	419	TVU	0	0	0	0	32	28.2	2071	70	114	190	1.629	0.600	0.368	13.4	23.71
1405	40.9290	116.4506	-274.8	415	TVU	0	0	0	0	43	28.1	2084	62	190	160	3.065	1.188	0.387	13.3	23.67

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1406	40.9291	116.4511	-283.0	409	TVU	0	0	0	0	51	28.0	2146	65	108	224	1.662	0.482	0.290	13.3	23.70
1407	40.9291	116.4517	-290.7	397	TVU	0	0	0	0	47	32.4	2039	71	39	246	0.549	0.159	0.289	13.3	23.71
1408	40.9291	116.4523	-302.9	386	TVU	0	0	0	0	41	32.2	2078	80	125	145	1.563	0.862	0.552	13.3	23.73
1409	40.9291	116.4529	-315.2	371	TVU	0	0	0	0	49	31.9	2102	85	120	171	1.412	0.702	0.497	13.5	23.75
1410	40.9291	116.4534	-331.0	350	TVU	0	0	0	0	34	31.5	2114	78	120	212	1.538	0.566	0.368	13.5	23.77
1411	40.9291	116.4540	-337.4	321	TVU	0	0	0	0	32	30.9	2207	92	140	167	1.522	0.838	0.551	13.4	23.75
1412	40.9291	116.4546	-334.4	301	TVU	0	0	0	0	59	30.5	2090	84	113	204	1.345	0.554	0.412	13.3	23.73
1413	40.9291	116.4552	-301.6	301	TVU	0	0	0	0	47	30.5	2224	99	51	230	0.515	0.222	0.430	13.4	23.72
1414	40.9291	116.4557	-301.3	321	TVU	0	0	0	0	41	30.9	2112	70	142	166	2.029	0.855	0.422	13.4	23.72
1415	40.9291	116.4563	-250.9	346	TVU	0	0	0	0	40	31.4	2092	81	136	175	1.679	0.777	0.463	13.4	23.72
1416	40.9291	116.4569	-231.8	379	TVU	0	0	0	0	39	32.1	2065	65	118	221	1.815	0.534	0.294	13.4	23.69
1417	40.9291	116.4575	-219.0	402	TVU	0	0	0	0	51	32.5	2137	61	125	190	2.049	0.658	0.321	13.5	23.73
1418	40.9292	116.4580	-208.0	413	TVU	0	0	0	0	56	32.7	2130	84	125	161	1.488	0.776	0.522	13.6	23.69
1419	40.9292	116.4586	-197.1	418	TVU	0	0	0	0	66	32.8	2127	42	172	210	4.095	0.819	0.200	13.6	23.70
1420	40.9292	116.4592	-191.6	410	TVU	0	0	1	0	64	32.7	2071	95	29	243	0.305	0.119	0.391	13.5	23.71
1421	40.9292	116.4598	-189.8	397	TVU	0	0	0	0	56	32.4	2108	80	102	162	1.275	0.630	0.494	13.4	23.70
1422	40.9292	116.4603	-188.6	378	TVU	0	0	0	0	45	32.1	2117	71	93	210	1.310	0.443	0.338	13.4	23.69
1423	40.9292	116.4609	-190.3	369	TVU	0	0	0	0	42	31.9	2090	81	79	226	0.975	0.350	0.358	13.4	23.71
1424	40.9292	116.4615	-193.9	369	TVU	0	0	0	0	69	31.9	2067	59	166	177	2.814	0.938	0.333	13.4	23.73
1425	40.9292	116.4621	-197.2	377	TVU	0	0	0	0	58	32.0	2147	77	107	213	1.390	0.502	0.362	13.5	23.75
1426	40.9292	116.4626	-202.0	388	TVU	0	0	0	0	49	31.5	2044	62	92	211	1.484	0.436	0.294	13.6	23.78
1427	40.9292	116.4632	-205.3	395	TVU	0	0	0	0	48	31.7	2099	82	68	203	0.829	0.335	0.404	13.5	23.77
1428	40.9292	116.4638	-208.4	401	TVU	0	0	0	0	38	31.8	1994	79	98	189	1.241	0.519	0.418	13.5	23.77
1429	40.9292	116.4644	-213.0	405	TVU	0	0	0	0	50	31.9	2048	59	132	198	2.237	0.667	0.298	13.5	23.76
1430	40.9293	116.4649	-224.9	406	QA2	0	0	0	0	53	31.9	1971	74	81	154	1.095	0.526	0.481	13.5	23.76
1431	40.9293	116.4655	-227.3	402	QA2	0	0	0	0	52	31.8	1887	63	72	196	1.143	0.367	0.321	13.5	23.76
1432	40.9293	116.4661	-231.8	393	QA2	0	0	0	0	42	31.7	1929	60	123	166	2.050	0.741	0.361	13.5	23.75
1433	40.9293	116.4667	-233.2	392	QA2	0	0	0	0	51	31.6	1981	41	121	236	2.951	0.513	0.174	13.6	23.78
1434	40.9293	116.4672	-230.9	404	QA2	0	0	1	0	40	31.8	1850	60	25	253	0.417	0.099	0.237	13.7	23.81
1435	40.9293	116.4678	-224.2	412	QA2	0	0	1	0	43	32.0	1796	62	8	206	0.129	0.039	0.301	13.6	23.80
1436	40.9293	116.4684	-217.4	409	QA2	0	0	0	0	68	31.9	1796	48	124	137	2.583	0.905	0.350	13.6	23.79
1437	40.9293	116.4690	-218.6	404	QA2	0	0	0	0	56	31.9	1805	64	59	149	0.922	0.396	0.430	13.7	23.79
1438	40.9293	116.4695	-219.5	397	QA2	0	0	0	0	33	31.7	1860	60	113	147	1.883	0.769	0.408	13.6	23.78
1439	40.9293	116.4701	-222.7	389	QA2	0	0	0	0	51	31.6	1900	47	96	214	2.043	0.449	0.220	13.6	23.79
1440	40.9293	116.4707	-224.9	379	QQA3	0	0	0	0	46	31.4	1947	72	100	177	1.389	0.565	0.407	13.6	23.79
1441	40.9293	116.4713	-225.6	368	QQA3	0	0	0	0	61	31.2	1820	55	94	175	1.709	0.537	0.314	13.7	23.81
1442	40.9294	116.4718	-227.3	360	QQA3	0	0	0	0	37	31.0	1822	78	138	88	1.769	1.568	0.886	13.8	23.85
1443	40.9294	116.4724	-227.1	342	QQA3	0	0	0	0	47	30.7	1815	60	95	142	1.583	0.669	0.423	13.7	23.87
1444	40.9294	116.4730	-223.1	328	QQA3	0	0	0	0	45	30.4	1848	67	146	136	2.179	1.074	0.493	13.8	23.85
1445	40.9294	116.4736	-223.1	321	QQA3	0	0	0	0	46	26.1	1853	54	130	161	2.407	0.807	0.335	13.7	23.85
1446	40.9294	116.4741	-218.3	313	QQA3	0	0	0	0	51	25.9	1880	54	78	192	1.444	0.406	0.281	13.7	23.87
1447	40.9294	116.4747	-214.7	311	QQA3	0	0	0	0	49	25.9	1895	65	55	218	0.846	0.252	0.298	13.6	23.82
1448	40.9294	116.4753	-210.3	313	QQA3	0	0	0	0	54	25.9	1883	49	161	154	3.286	1.045	0.318	13.6	23.84
1449	40.9294	116.4759	-210.4	314	QQA3	0	0	0	0	44	26.0	2038	65	173	170	2.662	1.018	0.382	13.6	23.83
1450	40.9294	116.4764	-213.5	323	QQA3	0	0	0	0	47	26.1	2007	64	78	208	1.219	0.375	0.308	13.7	23.84
1451	40.9294	116.4770	-217.3	331	QQA3	0	0	0	0	46	26.2	2029	48	176	176	3.667	1.000	0.273	13.8	23.84
1452	40.9294	116.4776	-221.4	335	QQA3	0	0	0	0	53	26.3	2076	69	76	245	1.101	0.310	0.282	13.8	23.86
1453	40.9295	116.4782	-226.7	338	QQA3	0	0	0	0	44	26.4	2031	77	131	182	1.701	0.720	0.423	13.8	23.82
1454	40.9295	116.4787	-231.8	339	QQA3	0	0	0	0	41	26.4	1956	62	112	180	1.806	0.622	0.344	13.8	23.79
1455	40.9295	116.4793	-233.3	334	QQA3	0	0	0	0	47	26.3	2047	45	115	216	2.556	0.532	0.208	13.7	23.79
1456	40.9295	116.4799	-230.9	328	QQA3	0	0	0	0	41	26.2	2006	59	110	193	1.864	0.570	0.306	13.8	23.77
1457	40.9295	116.4805	-228.8	327	QQA3	0	0	0	0	45	26.2	1978	59	143	162	2.424	0.883	0.364	13.8	23.77
1458	40.9295	116.4810	-224.5	329	QQA3	0	0	0	0	42	26.2	2033	85	53	202	0.624	0.262	0.421	13.8	23.79
1459	40.9295	116.4816	-218.6	327	QQA3	0	0	0	0	40	26.2	2058	64	148	173	2.313	0.855	0.370	13.8	23.80

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1460	40.9295	116.4821	-210.8	325	QOA3	0	0	0	0	55	26.2	2034	61	149	166	2.443	0.898	0.367	13.8	23.79
1461	40.9296	116.4827	-210.7	319	QOA3	0	0	0	0	47	26.0	2101	77	40	236	0.519	0.169	0.326	13.9	23.80
1462	40.9296	116.4832	-217.9	314	QOA3	0	0	0	0	33	25.9	2172	82	141	216	1.720	0.653	0.380	13.8	23.81
1463	40.9296	116.4838	-223.1	308	QOA3	0	0	0	0	55	25.8	2192	92	91	232	0.989	0.392	0.397	13.7	23.79
1464	40.9296	116.4843	-226.8	304	QOA3	0	0	0	0	62	22.5	2209	90	37	251	0.411	0.147	0.359	13.8	23.79
1465	40.9296	116.4849	-228.6	307	QOA3	0	0	0	0	50	22.6	2360	68	162	225	2.382	0.720	0.302	13.7	23.77
1466	40.9296	116.4854	-230.9	315	QOA3	0	0	0	0	59	22.7	2231	80	91	254	1.138	0.358	0.315	13.7	23.75
1467	40.9297	116.4859	-232.8	324	TVU	0	0	0	0	74	22.8	2268	77	112	227	1.455	0.493	0.339	13.7	23.75
1468	40.9297	116.4865	-236.1	338	TVU	0	0	0	0	28	23.0	2298	80	126	245	1.575	0.514	0.327	13.7	23.73
1469	40.9297	116.4870	-240.1	352	TVU	0	0	0	0	58	23.2	2240	66	188	183	2.848	1.027	0.361	13.7	23.67
1470	40.9297	116.4876	-245.8	370	TVU	0	0	0	0	42	23.5	2285	87	114	202	.310	0.564	0.431	13.7	23.67
1471	40.9297	116.4881	-251.6	386	TVU	0	0	0	0	38	23.7	2343	85	127	246	1.494	0.516	0.346	13.7	23.65
1472	40.9297	116.4887	-255.6	403	TVU	0	0	0	0	53	24.0	2336	74	109	264	1.473	0.413	0.280	13.7	23.63
1473	40.9298	116.4892	-259.2	404	TVU	0	0	0	0	36	24.0	2436	80	158	252	1.975	0.627	0.317	13.8	23.63
1474	40.9298	116.4898	-260.2	392	TVU	0	0	0	0	62	23.8	2540	147	40	263	0.272	0.152	0.559	13.8	23.61
1475	40.9298	116.4903	-261.0	371	TVU	0	0	0	0	41	23.5	2354	87	124	263	1.425	0.471	0.331	13.7	23.59
1476	40.9298	116.4909	-253.1	344	TVU	0	0	0	0	45	23.1	2432	78	205	238	2.628	0.861	0.328	13.7	23.55
1477	40.9298	116.4914	-253.2	321	TVU	0	0	0	0	60	22.8	2330	84	124	225	1.476	0.551	0.373	13.6	23.51
1478	40.9298	116.4920	-240.1	314	TVU	0	0	0	0	38	22.7	2260	99	141	213	1.424	0.662	0.465	13.6	23.49
1479	40.9299	116.4925	-237.7	324	TVU	0	0	0	0	46	22.8	2148	70	180	174	2.571	1.034	0.402	13.5	23.47
1480	40.9299	116.4931	-238.0	335	TVU	0	0	0	0	48	23.0	2169	77	181	190	2.351	0.953	0.405	13.5	23.46
1481	40.9299	116.4936	-236.3	350	TVU	0	0	0	0	50	23.2	2167	86	153	183	1.779	0.836	0.470	13.5	23.44
1482	40.9299	116.4942	-236.8	359	TVU	0	0	0	0	62	23.3	2089	85	94	211	1.106	0.445	0.403	13.6	23.43
1483	40.9299	116.4947	-234.7	367	TVU	0	0	0	0	47	22.1	2200	76	65	265	0.855	0.245	0.287	13.5	23.42
1484	40.9299	116.4952	-231.7	375	TVU	0	0	0	0	55	22.2	2101	75	117	195	1.560	0.600	0.385	13.5	23.41
1485	40.9300	116.4958	-229.6	379	TVU	0	0	0	0	70	22.3	2127	64	67	255	1.047	0.263	0.251	13.4	23.35
1486	40.9300	116.4963	-224.2	386	TVU	0	0	0	0	53	22.4	2056	55	235	132	4.273	1.780	0.417	13.3	23.34
1487	40.9300	116.4969	-224.4	400	TVU	0	0	0	0	47	22.6	2086	80	39	250	0.488	0.156	0.320	13.2	23.33
1488	40.9300	116.4974	-221.3	411	TVU	0	0	0	0	27	22.7	2121	58	121	222	2.086	0.545	0.261	13.3	23.35
1489	40.9300	116.4980	-220.5	423	TVU	0	0	0	0	56	22.9	2103	65	118	220	1.815	0.536	0.295	13.3	23.37
1490	40.9300	116.4985	-219.9	429	TVU	0	0	0	0	55	22.9	2184	67	116	222	1.731	0.523	0.302	13.2	23.37
1491	40.9301	116.4991	-219.0	435	TVU	0	0	0	0	72	23.0	2050	50	150	190	3.000	0.789	0.263	13.3	23.41
1492	40.9301	116.4996	-218.1	441	TVU	0	0	0	0	52	23.1	2071	77	59	221	0.766	0.267	0.348	13.3	23.43
1493	40.9301	116.5002	-217.9	449	TVU	0	0	0	0	66	23.2	2216	71	97	198	1.366	0.490	0.359	13.2	23.43
1494	40.9301	116.5007	-219.7	455	TVU	0	0	0	0	46	23.3	2213	76	127	234	1.671	0.543	0.325	13.1	23.44
1495	40.9301	116.5013	-221.5	467	TVU	0	0	0	0	56	23.4	2314	72	129	240	1.792	0.538	0.300	13.0	23.44
1496	40.9302	116.5018	-224.6	480	TVU	0	0	0	0	46	23.6	2191	64	172	187	2.688	0.920	0.342	12.9	23.45
1497	40.9302	116.5024	-224.7	482	TVU	0	0	0	0	43	23.6	2264	88	132	161	1.500	0.820	0.547	12.9	23.46
1498	40.9302	116.5029	-223.9	474	TVU	0	0	0	0	50	23.5	2341	94	166	169	1.766	0.982	0.556	12.9	23.50
1499	40.9302	116.5035	-222.6	468	TVU	0	0	0	0	41	23.4	2327	82	175	187	2.134	0.936	0.439	12.9	23.52
1500	40.9302	116.5040	-220.8	456	TVU	0	0	0	0	67	23.3	2275	57	173	204	3.035	0.848	0.279	12.9	23.55
1501	40.9302	116.5045	-221.2	431	TVU	0	0	0	0	46	23.0	2260	63	160	221	2.540	0.724	0.285	12.9	23.57
1502	40.9303	116.5051	-220.6	396	TVU	0	0	0	0	60	26.8	2311	71	80	254	1.127	0.315	0.280	12.9	23.59
1503	40.9303	116.5056	-222.0	363	TVU	0	0	0	0	40	26.3	2209	76	103	223	1.355	0.462	0.341	12.8	23.59
1504	40.9303	116.5062	-223.0	321	TVU	0	0	0	0	54	25.6	2196	87	117	202	1.345	0.579	0.431	12.7	23.56
1505	40.9303	116.5067	-221.7	281	TVU	0	0	0	0	56	24.9	2196	67	89	256	1.328	0.348	0.262	12.8	23.58
1506	40.9303	116.5073	-220.3	256	TVU	0	0	0	0	57	24.4	2069	35	188	224	5.371	0.839	0.156	12.7	23.56
1507	40.9303	116.5078	-216.4	262	TVU	0	0	0	0	54	24.5	2097	79	154	199	1.949	0.774	0.397	12.7	23.55
1508	40.9304	116.5084	-220.3	299	TVU	0	0	0	0	40	25.2	2162	61	203	201	3.328	1.010	0.303	12.8	23.55
1509	40.9304	116.5089	-236.0	344	TVU	0	0	0	0	59	25.9	2221	70	116	242	1.657	0.479	0.289	13.0	23.55
1510	40.9304	116.5095	-235.4	377	TVU	0	0	0	0	37	26.5	2331	84	161	228	1.917	0.706	0.368	12.9	23.51
1511	40.9304	116.5100	-233.8	401	TVU	0	0	0	0	52	26.9	2360	88	141	214	1.602	0.659	0.411	12.8	23.49
1512	40.9304	116.5106	-230.9	410	TVU	0	0	0	0	59	27.0	2305	77	95	257	1.234	0.370	0.300	12.8	23.45
1513	40.9304	116.5111	-227.1	406	TVU	0	0	0	0	66	27.0	2331	84	44	272	0.524	0.162	0.309	12.8	23.45

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1514	40.9305	116.5117	-222.6	392	TVU	0	0	0	0	39	26.7	2251	67	203	196	3.030	1.036	0.342	12.7	23.46
1515	40.9305	116.5122	-217.9	373	TVU	0	0	0	0	55	26.4	2306	62	159	241	2.565	0.660	0.257	12.8	23.49
1516	40.9305	116.5128	-215.8	338	TVU	0	0	0	0	52	25.9	2262	66	133	237	2.015	0.561	0.278	12.8	23.49
1517	40.9305	116.5133	-217.4	310	TVU	0	0	0	0	60	25.4	2116	66	121	227	1.833	0.533	0.291	12.8	23.49
1518	40.9305	116.5138	-227.2	293	TVU	0	0	0	0	37	25.1	2113	73	125	212	1.712	0.590	0.344	12.8	23.48
1519	40.9305	116.5144	-241.4	287	TVU	0	0	0	0	55	25.0	1997	70	166	168	2.371	0.988	0.417	12.8	23.50
1520	40.9306	116.5149	-256.6	281	TVU	0	0	0	0	51	24.9	2083	89	90	207	1.011	0.435	0.430	12.8	23.51
1521	40.9306	116.5155	-263.8	274	TVU	0	0	0	0	43	25.9	2049	86	118	187	1.372	0.631	0.460	12.9	23.49
1522	40.9306	116.5160	-265.5	268	TVU	0	0	0	0	55	25.8	1936	55	147	189	2.673	0.778	0.291	12.7	23.49
1523	40.9306	116.5166	-262.3	278	TVU	0	0	0	0	47	26.0	2077	59	132	209	2.237	0.632	0.282	12.8	23.48
1524	40.9306	116.5171	-257.3	292	TVU	0	0	0	0	58	26.3	2025	69	129	182	1.870	0.709	0.379	12.8	23.49
1525	40.9306	116.5177	-247.5	315	TVU	0	0	0	0	63	26.7	2077	79	102	189	1.291	0.540	0.418	12.9	23.49
1526	40.9307	116.5182	-244.5	336	TVU	0	0	0	0	50	27.1	2111	49	171	226	3.490	0.757	0.217	12.8	23.46
1527	40.9307	116.5188	-239.2	363	TVU	0	0	0	0	65	27.5	2061	68	125	195	1.838	0.641	0.349	12.8	23.45
1528	40.9307	116.5193	-233.9	387	TVU	0	0	0	0	41	27.9	2087	76	89	238	1.171	0.374	0.319	12.9	23.42
1529	40.9307	116.5199	-233.8	409	TVU	0	0	0	0	51	28.3	2049	51	184	164	3.608	1.122	0.311	12.9	23.42
1530	40.9307	116.5204	-226.5	431	TVU	0	0	0	0	51	28.7	2107	62	108	193	1.742	0.560	0.321	12.9	23.41
1531	40.9307	116.5210	-226.8	446	TVU	0	0	0	0	54	28.9	2093	65	118	179	1.815	0.659	0.363	12.9	23.42
1532	40.9308	116.5215	-224.8	458	TVU	0	0	0	0	58	29.1	2146	77	64	210	0.831	0.305	0.367	12.9	23.40
1533	40.9308	116.5221	-225.9	467	TVU	0	0	0	0	55	29.2	2129	83	128	145	1.542	0.883	0.572	12.8	23.41
1534	40.9308	116.5226	-224.5	468	TVU	0	0	0	0	49	29.2	2086	65	124	178	1.908	0.697	0.365	12.8	23.40
1535	40.9308	116.5231	-223.5	459	TVU	0	0	0	0	44	29.1	2021	60	105	212	1.750	0.495	0.283	12.8	23.44
1536	40.9308	116.5237	-225.7	447	TVU	0	0	0	0	61	28.9	2067	60	133	192	2.217	0.693	0.313	12.9	23.47
1537	40.9308	116.5242	-220.0	430	TVU	0	0	0	0	48	28.6	2055	56	135	161	2.411	0.839	0.348	12.9	23.49
1538	40.9309	116.5248	-217.6	411	TVU	0	0	0	0	57	28.3	1908	57	122	172	2.140	0.709	0.331	12.8	23.47
1539	40.9309	116.5253	-216.1	394	TVU	0	0	0	0	51	28.0	1964	71	133	135	1.873	0.985	0.526	12.9	23.49
1540	40.9309	116.5259	-216.1	381	TVU	0	0	0	0	51	27.3	1980	75	85	171	1.133	0.497	0.439	12.8	23.46
1541	40.9309	116.5264	-218.0	372	TVU	0	0	0	0	44	27.1	1923	62	156	144	2.516	1.083	0.431	12.8	23.47
1542	40.9309	116.5270	-220.1	361	TVU	0	0	0	0	45	27.0	2016	66	155	127	2.348	1.220	0.520	12.7	23.46
1543	40.9310	116.5275	-224.5	355	TVU	0	0	0	0	60	26.9	1893	70	68	184	0.971	0.370	0.380	12.7	23.46
1544	40.9310	116.5281	-228.9	349	TVU	0	0	0	0	51	26.8	1955	51	134	203	2.627	0.660	0.251	12.8	23.48
1545	40.9310	116.5286	-237.1	347	TVU	0	0	0	0	56	26.7	2046	75	104	195	1.387	0.533	0.385	12.8	23.49
1546	40.9310	116.5292	-248.0	343	TVU	0	0	0	0	60	26.6	2097	59	79	236	1.339	0.335	0.250	12.8	23.49
1547	40.9310	116.5297	-260.3	330	TVU	0	0	0	0	43	26.4	2274	67	202	193	3.015	1.047	0.347	12.8	23.49
1548	40.9310	116.5303	-274.6	309	TVU	0	0	0	0	42	26.0	2192	71	212	149	2.986	1.423	0.477	12.8	23.47
1549	40.9311	116.5308	-282.8	297	TVU	0	0	0	0	46	25.8	2155	80	69	225	0.862	0.307	0.356	12.7	23.47
1550	40.9311	116.5313	-285.0	298	TVU	0	0	0	0	47	25.8	2106	62	131	218	2.113	0.601	0.284	12.8	23.43
1551	40.9311	116.5319	-282.3	301	TVU	0	0	0	0	43	25.9	2101	81	111	186	1.370	0.597	0.435	12.8	23.45
1552	40.9311	116.5324	-276.6	311	TVU	0	0	0	0	43	26.1	2143	72	157	200	2.181	0.785	0.360	12.9	23.43
1553	40.9311	116.5330	-270.9	321	TVU	0	0	0	0	62	26.3	2149	79	165	168	2.089	0.982	0.470	12.9	23.43
1554	40.9311	116.5335	-265.8	326	TVU	0	0	0	0	57	26.4	2134	62	184	177	2.968	1.040	0.350	12.8	23.41
1555	40.9312	116.5341	-260.3	337	TVU	0	0	0	0	46	26.5	2106	71	146	197	2.056	0.741	0.360	12.8	23.41
1556	40.9312	116.5346	-260.2	346	TVU	0	0	0	0	50	26.7	2165	74	142	213	1.919	0.667	0.347	12.9	23.41
1557	40.9312	116.5352	-261.7	352	TVU	0	0	0	0	45	26.8	2283	89	132	216	1.483	0.611	0.412	12.8	23.39
1558	40.9312	116.5357	-263.8	357	TVU	0	0	0	0	49	26.9	2215	78	97	203	1.244	0.478	0.384	12.9	23.37
1559	40.9312	116.5363	-264.1	371	TVU	0	0	0	0	47	25.3	2191	83	130	228	1.566	0.570	0.364	12.9	23.36
1560	40.9312	116.5368	-263.9	383	TVU	0	0	0	0	37	25.5	2163	73	166	196	2.274	0.847	0.372	12.8	23.32
1561	40.9313	116.5374	-262.2	389	TVU	0	0	0	0	41	25.6	2200	64	170	214	2.656	0.794	0.299	12.8	23.28
1562	40.9313	116.5379	-261.3	393	TVU	0	0	0	0	36	25.7	2270	70	98	238	1.400	0.412	0.294	12.8	23.28
1563	40.9313	116.5385	-258.8	389	TVU	0	0	0	0	57	25.6	2221	84	110	184	1.310	0.598	0.457	12.8	23.28
1564	40.9313	116.5390	-255.2	383	TVU	0	0	0	0	58	25.5	2230	75	131	198	1.747	0.662	0.379	12.8	23.31
1565	40.9313	116.5396	-254.6	382	TVU	0	0	0	0	48	25.5	2274	47	242	203	5.149	1.192	0.232	12.9	23.33
1566	40.9313	116.5401	-251.7	383	TVU	0	0	0	0	64	25.5	2383	89	115	244	1.292	0.471	0.365	12.9	23.34
1567	40.9314	116.5406	-250.8	392	TVU	0	0	0	0	48	25.7	2398	91	181	206	1.989	0.879	0.442	12.8	23.34

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1568	40.9314	116.5412	-250.6	402	TVU	0	0	0	0	60	25.8	2343	81	106	269	1.309	0.394	0.301	12.8	23.35
1569	40.9314	116.5417	-251.0	409	TVU	0	0	0	0	41	25.9	2342	78	154	259	1.974	0.595	0.301	12.8	23.33
1570	40.9314	116.5423	-253.3	418	TVU	0	0	0	0	70	26.1	2312	64	158	229	2.469	0.690	0.279	12.6	23.32
1571	40.9314	116.5428	-258.6	424	TVU	0	0	0	0	43	26.2	2287	56	146	210	2.607	0.695	0.267	12.6	23.33
1572	40.9314	116.5434	-258.4	437	TVU	0	0	0	0	51	26.3	2322	57	177	230	3.105	0.770	0.248	12.7	23.33
1573	40.9315	116.5439	-268.5	444	TVU	0	0	0	0	53	26.5	2317	84	149	201	1.774	0.741	0.418	12.7	23.37
1574	40.9315	116.5445	-271.9	443	TVU	0	0	0	0	50	26.4	2340	86	112	205	1.302	0.546	0.420	12.6	23.38
1575	40.9315	116.5450	-272.3	435	TVU	0	0	0	0	60	26.3	2294	90	139	176	1.544	0.790	0.511	12.7	23.39
1576	40.9315	116.5456	-272.1	426	TVU	0	0	0	0	64	26.2	2235	64	122	234	1.906	0.521	0.274	12.6	23.38
1577	40.9315	116.5461	-269.2	418	TVU	0	0	0	0	46	26.1	2205	76	190	169	2.500	1.124	0.450	12.6	23.39
1578	40.9315	116.5467	-266.4	420	TVU	0	0	0	0	49	25.5	2163	80	110	199	1.375	0.553	0.402	12.6	23.41
1579	40.9316	116.5472	-260.8	444	TVU	0	0	0	0	53	25.8	2352	81	129	208	1.593	0.620	0.389	12.6	23.43
1580	40.9316	116.5478	-254.1	457	TVU	0	0	0	0	59	26.0	2344	101	144	186	1.426	0.774	0.543	12.6	23.42
1581	40.9316	116.5483	-245.5	451	TVU	0	0	0	0	52	25.9	2404	88	125	247	1.420	0.506	0.356	12.5	23.44
1582	40.9316	116.5489	-235.8	435	TVU	0	0	0	0	41	25.7	2400	73	207	207	2.836	1.000	0.353	12.6	23.45
1583	40.9316	116.5494	-227.8	420	TVU	0	0	0	0	57	25.5	2264	80	171	185	2.137	0.924	0.432	12.6	23.46
1584	40.9317	116.5499	-219.6	408	TVU	0	0	0	0	41	25.3	2353	86	161	216	1.872	0.745	0.398	12.7	23.50
1585	40.9317	116.5505	-212.8	401	TVU	0	0	0	0	44	25.2	2389	93	138	206	1.484	0.670	0.451	12.6	23.52
1586	40.9317	116.5510	-208.7	395	TVU	0	0	0	0	53	25.1	2385	104	118	214	1.135	0.551	0.486	12.7	23.54
1587	40.9317	116.5516	-199.6	395	TVU	0	0	0	0	69	25.1	2396	95	141	192	1.484	0.734	0.495	12.7	23.53
1588	40.9317	116.5521	-199.5	399	TVU	0	0	0	0	55	25.2	2376	104	148	222	1.423	0.667	0.468	12.7	23.53
1589	40.9317	116.5527	-192.9	399	TVU	0	0	0	0	63	25.2	2287	80	170	180	2.125	0.944	0.444	12.7	23.50
1590	40.9318	116.5532	-191.5	402	TVU	0	0	0	0	49	25.2	2342	77	171	191	2.221	0.895	0.403	12.6	23.48
1591	40.9318	116.5538	-190.3	410	TVU	0	0	0	0	45	25.3	2412	84	182	237	2.167	0.768	0.354	12.7	23.49
1592	40.9318	116.5543	-189.9	413	TVU	0	0	0	0	43	25.4	2251	85	186	194	2.188	0.959	0.438	12.8	23.50
1593	40.9318	116.5549	-190.5	414	TVU	0	0	0	0	48	25.4	2344	78	149	240	1.910	0.621	0.325	12.9	23.47
1594	40.9318	116.5554	-189.7	417	TVU	0	0	0	0	49	25.4	2346	72	247	182	3.431	1.357	0.396	12.9	23.49
1595	40.9318	116.5560	-192.4	430	TVU	0	0	0	0	62	25.6	2452	87	163	166	1.874	0.982	0.524	12.9	23.49
1596	40.9319	116.5565	-261.8	434	TVU	0	0	0	0	54	25.7	2325	102	99	197	0.971	0.503	0.518	12.9	23.48
1597	40.9319	116.5571	-193.4	436	TVU	0	0	0	0	38	26.9	2329	89	191	157	2.146	1.217	0.567	12.9	23.51
1598	40.9319	116.5576	-193.3	434	TVU	0	0	0	0	41	26.9	2434	73	201	200	2.753	1.005	0.365	13.0	23.51
1599	40.9319	116.5582	-192.0	430	TVU	0	0	0	0	57	26.8	2363	86	115	224	1.337	0.513	0.384	13.0	23.52
1600	40.9319	116.5587	-191.7	428	TVU	0	0	0	0	48	26.8	2342	100	85	225	0.850	0.378	0.444	13.0	23.53
1601	40.9319	116.5592	-190.1	425	TVU	0	0	0	0	59	26.8	2317	76	189	166	2.487	1.139	0.458	12.9	23.49
1602	40.9320	116.5598	-191.3	421	TVU	0	0	0	0	56	26.7	2288	76	126	254	1.658	0.496	0.299	12.9	23.50
1603	40.9320	116.5603	-190.7	417	TVU	0	0	0	0	38	26.6	2276	88	93	229	1.057	0.406	0.384	12.9	23.51
1604	40.9320	116.5609	-192.1	414	TVU	0	0	0	0	55	26.6	2276	106	87	215	0.821	0.405	0.493	13.0	23.54
1605	40.9320	116.5614	-193.1	400	TVU	0	0	0	0	37	26.4	2201	67	239	129	3.567	1.853	0.519	13.1	23.57
1606	40.9320	116.5620	-192.4	383	TVU	0	0	0	0	56	26.1	2128	66	190	149	2.879	1.275	0.443	13.1	23.57
1607	40.9320	116.5625	-196.9	369	TVU	0	0	0	0	65	25.9	2144	59	223	148	3.845	1.507	0.392	13.1	23.57
1608	40.9321	116.5631	-199.9	355	TVU	0	0	0	0	39	25.7	2043	68	136	196	2.000	0.694	0.347	13.1	23.55
1609	40.9321	116.5636	-201.6	351	TVU	0	0	0	0	68	25.6	2094	57	225	117	3.947	1.923	0.487	12.9	23.54
1610	40.9321	116.5642	-201.7	350	TVU	0	0	0	0	63	25.6	2142	68	179	171	2.632	1.047	0.398	12.9	23.52
1611	40.9321	116.5647	-202.6	353	TVU	0	0	0	0	45	25.6	2101	68	130	193	1.912	0.674	0.352	12.9	23.52
1612	40.9321	116.5653	-203.4	368	TVU	0	0	0	0	45	25.9	2088	75	163	153	2.173	1.065	0.490	12.9	23.53
1613	40.9321	116.5658	-204.1	383	TVU	0	0	0	0	44	26.1	2187	60	164	178	2.733	0.921	0.337	13.0	23.53
1614	40.9322	116.5664	-203.2	391	TVU	0	0	0	0	54	26.2	2014	68	160	122	2.353	1.311	0.557	13.0	23.53
1615	40.9322	116.5669	-202.1	393	TVU	0	0	0	0	67	26.3	2091	98	63	180	0.643	0.350	0.544	13.0	23.52
1616	40.9322	116.5675	-199.5	389	TVU	0	0	0	0	58	25.0	2138	79	91	217	1.152	0.419	0.364	13.1	23.54
1617	40.9322	116.5680	-197.4	385	TVU	0	0	0	0	63	24.9	2194	86	133	169	1.547	0.787	0.509	13.0	23.55
1618	40.9322	116.5685	-195.1	381	TVU	0	0	0	0	48	24.9	2059	75	91	196	1.213	0.464	0.383	13.0	23.54
1619	40.9322	116.5691	-192.8	379	TVU	0	0	0	0	49	24.9	2163	58	131	230	2.259	0.570	0.252	13.1	23.55
1620	40.9323	116.5696	-186.1	381	TVU	0	0	0	0	46	24.9	2167	75	139	185	1.853	0.751	0.405	13.1	23.57
1621	40.9323	116.5702	-182.5	379	TVU	0	0	0	0	49	24.8	2201	72	141	211	1.958	0.668	0.341	13.1	23.55

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1622	40.9323	116.5707	-178.8	368	TVU	0	0	0	0	44	24.7	2154	83	115	210	1.386	0.548	0.395	13.0	23.55
1623	40.9323	116.5713	-178.5	358	TVU	0	0	0	0	51	24.5	2108	78	139	146	1.782	0.952	0.534	13.0	23.53
1624	40.9323	116.5718	-176.7	355	TVU	0	0	0	0	45	24.5	2187	80	163	197	2.037	0.827	0.406	13.0	23.53
1625	40.9323	116.5724	-175.5	356	TVU	0	0	0	0	38	24.5	2135	65	193	184	2.969	1.049	0.353	13.0	23.55
1626	40.9324	116.5729	-173.2	358	TVU	0	0	0	0	5[illegible]	24.5	2183	83	151	196	1.819	0.770	0.423	13.1	23.56
1627	40.9324	116.5735	-174.8	360	TVU	0	0	0	0	49	24.6	2058	55	208	151	3.782	1.377	0.364	13.1	23.59
1628	40.9324	116.5740	-174.7	364	TVU	0	0	0	0	49	24.6	2036	80	140	149	1.750	0.940	0.537	13.1	23.59
1629	40.9324	116.5746	-174.3	358	TVU	0	0	0	0	45	24.5	2131	63	177	184	2.810	0.962	0.342	13.1	23.59
1630	40.9324	116.5751	-175.3	376	TVU	0	0	0	0	40	24.8	2064	64	127	192	1.984	0.661	0.333	13.1	23.59
1631	40.9325	116.5757	-175.6	392	TVU	0	0	0	0	41	25.1	2119	57	202	175	3.544	1.154	0.326	13.1	23.58
1632	40.9325	116.5762	-175.3	389	TVU	0	0	0	0	38	25.0	2056	63	116	179	1.841	0.648	0.352	13.1	23.60
1633	40.9325	116.5767	-174.9	386	TVU	0	0	0	0	59	25.0	2092	72	112	174	1.556	0.644	0.414	13.0	23.58
1634	40.9325	116.5773	-171.3	389	TVU	0	0	0	0	58	25.0	2168	93	158	117	1.699	1.350	0.795	13.1	23.58
1635	40.9325	116.5778	-171.1	393	TVU	0	0	0	0	57	22.9	2121	74	154	171	2.081	0.901	0.433	13.1	23.57
1636	40.9325	116.5784	-169.5	395	TVU	0	0	0	0	36	22.9	2095	69	140	188	2.029	0.745	0.367	13.1	23.57
1637	40.9326	116.5789	-172.2	391	TVU	0	0	0	0	60	22.8	2143	84	82	193	0.976	0.425	0.435	13.1	23.57
1638	40.9326	116.5795	-175.3	390	TVU	0	0	0	0	49	22.8	2240	72	159	187	2.208	0.850	0.385	13.1	23.57
1639	40.9326	116.5800	-179.7	390	TVU	0	0	0	0	48	22.8	2182	81	107	251	1.321	0.426	0.323	13.1	23.59
1640	40.9326	116.5806	-184.4	392	TVU	0	0	0	0	52	22.8	2237	63	216	183	3.429	1.180	0.344	13.3	23.61
1641	40.9326	116.5811	-188.8	412	TVU	0	0	0	0	34	23.1	2394	77	142	221	1.844	0.643	0.348	13.2	23.61
1642	40.9326	116.5817	-191.5	412	TVU	0	0	0	0	40	23.1	2252	80	175	178	2.188	0.983	0.449	13.2	23.61
1643	40.9327	116.5822	-193.1	388	TVU	0	0	0	0	57	22.8	2097	67	156	165	2.328	0.945	0.406	13.2	23.58
1644	40.9327	116.5828	-193.4	371	TVU	0	0	0	0	52	22.6	2083	87	49	222	0.563	0.221	0.392	13.2	23.59
1645	40.9327	116.5833	-192.1	357	TVU	0	0	0	0	49	22.4	2069	72	123	183	1.708	0.672	0.393	13.2	23.60
1646	40.9327	116.5839	-190.6	342	TVU	0	0	0	0	52	22.1	1958	73	70	219	0.959	0.320	0.333	13.2	23.64
1647	40.9327	116.5844	-188.6	334	TVU	0	0	0	0	42	22.0	2059	61	133	200	2.180	0.665	0.305	13.2	23.64
1648	40.9327	116.5850	-186.5	328	TVU	0	0	0	0	38	21.9	2065	72	190	147	2.639	1.293	0.490	13.2	23.64
1649	40.9328	116.5855	-177.2	320	TVU	0	0	0	0	59	21.8	2153	87	88	194	1.011	0.454	0.448	13.2	23.65
1650	40.9328	116.5860	-184.2	341	TVU	0	0	0	0	38	22.1	2282	75	164	227	2.187	0.722	0.330	13.2	23.63
1651	40.9328	116.5866	-184.4	360	TVU	0	0	0	0	35	22.4	2257	90	155	164	1.722	0.945	0.549	13.1	23.62
1652	40.9328	116.5871	-182.5	369	TVU	0	0	0	0	48	22.5	2141	65	165	177	2.538	0.932	0.367	13.3	23.65
1653	40.9328	116.5877	-180.2	366	TVU	0	0	0	0	43	22.5	2119	84	156	147	1.857	1.061	0.571	13.3	23.62
1654	40.9328	116.5882	-177.5	346	TVU	0	0	0	0	45	24.1	1953	63	154	156	2.444	0.987	0.404	13.3	23.64
1655	40.9329	116.5888	-175.9	338	TVU	0	0	0	0	46	23.9	1982	83	136	142	1.639	0.958	0.585	13.3	23.64
1656	40.9329	116.5893	-174.1	332	TVU	0	0	0	0	44	23.9	1965	65	177	134	2.723	1.321	0.485	13.2	23.62
1657	40.9329	116.5899	-173.6	353	TVU	0	0	0	0	57	24.2	1978	75	65	179	0.867	0.363	0.419	13.1	23.61
1658	40.9329	116.5904	-172.0	377	TVU	0	0	0	0	47	24.6	1908	70	93	170	1.329	0.547	0.412	13.2	23.60
1659	40.9329	116.5910	-170.5	402	TVU	0	0	0	0	59	24.9	1980	47	203	144	4.319	1.410	0.326	13.2	23.58
1660	40.9329	116.5915	-167.3	414	TVU	0	0	0	0	55	25.1	2080	53	146	187	2.755	0.781	0.283	13.3	23.61
1661	40.9330	116.5921	-167.6	419	TVU	0	0	0	0	60	25.2	2184	75	95	194	1.267	0.490	0.387	13.2	23.59
1662	40.9330	116.5926	-170.8	417	TVU	0	0	0	0	37	25.1	2045	64	137	175	2.141	0.783	0.366	13.2	23.59
1663	40.9330	116.5932	-175.9	417	TVU	0	0	0	0	51	25.1	2170	79	157	174	1.987	0.902	0.454	13.3	23.59
1664	40.9330	116.5937	-184.6	409	TVU	0	0	0	0	43	25.0	2182	93	131	157	1.409	0.834	0.592	13.3	23.62
1665	40.9330	116.5943	-194.3	402	TS5	0	0	0	0	61	24.9	2066	73	179	117	2.452	1.530	0.624	13.3	23.63
1666	40.9330	116.5948	-210.0	397	TS5	0	0	0	0	54	24.8	2063	90	53	209	0.589	0.254	0.431	13.3	23.64
1667	40.9331	116.5953	-209.9	394	TS5	0	0	0	0	54	24.8	2084	76	191	147	2.513	1.299	0.517	13.3	23.63
1668	40.9331	116.5959	-216.3	397	TS5	0	0	0	0	53	24.8	2047	78	96	181	1.231	0.530	0.431	13.3	23.65
1669	40.9331	116.5964	-214.7	397	TS5	0	0	0	0	56	24.8	1976	70	130	152	1.857	0.855	0.461	13.2	23.62
1670	40.9331	116.5970	-216.7	407	TS5	0	0	0	0	42	25.0	2032	52	171	181	3.288	0.945	0.287	13.2	23.59
1671	40.9331	116.5975	-216.5	417	TS5	0	0	0	0	48	25.1	1910	59	144	159	2.441	0.906	0.371	13.2	23.61
1672	40.9332	116.5981	-215.6	427	TS5	0	0	0	0	55	25.3	1999	74	135	152	1.824	0.888	0.487	13.2	23.59
1673	40.9332	116.5986	-213.9	438	TS5	0	0	0	0	56	27.3	2022	68	117	184	1.721	0.636	0.370	13.3	23.59
1674	40.9332	116.5992	-213.1	429	TS5	0	0	0	0	49	27.4	2015	67	72	205	1.075	0.351	0.327	13.4	23.61
1675	40.9332	116.5997	-212.3	421	TS5	0	0	0	0	44	27.3	1980	59	151	157	2.559	0.962	0.376	13.3	23.61

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1676	40.9332	116.6003	-216.4	423	TS5	0	0	0	0	48	27.3	1932	84	41	211	0.488	0.194	0.398	13.3	23.61
1677	40.9332	116.6008	-219.3	424	TS5	0	0	0	0	51	27.3	1921	62	157	135	2.532	1.163	0.459	13.3	23.60
1678	40.9333	116.6014	-223.7	422	TS5	0	0	0	0	49	27.3	1989	85	70	158	0.824	0.443	0.538	13.3	23.62
1679	40.9333	116.6019	-228.1	418	TS5	0	0	0	0	51	27.2	1912	58	61	196	1.052	0.311	0.296	13.5	23.62
1680	40.9333	116.6025	-231.8	415	TS5	0	0	0	0	41	27.2	2042	66	168	164	2.545	1.024	0.402	13.5	23.64
1681	40.9333	116.6030	-235.0	411	TS5	0	0	0	0	56	27.1	2080	61	166	170	2.721	0.976	0.359	13.5	23.63
1682	40.9333	116.6036	-239.2	405	TS5	0	0	0	0	58	27.0	2012	69	133	162	1.928	0.821	0.426	13.5	23.63
1683	40.9333	116.6041	-242.4	393	TS5	0	0	0	0	57	26.8	2047	50	124	218	2.480	0.569	0.229	13.5	23.64
1684	40.9334	116.6046	-249.9	378	TS5	0	0	0	0	49	26.6	2048	73	172	161	2.356	1.068	0.453	13.5	23.65
1685	40.9334	116.6052	-250.1	370	TS5	0	0	0	0	42	26.4	2022	78	88	197	1.128	0.447	0.396	13.4	23.64
1686	40.9334	116.6057	-249.9	361	TS5	0	0	0	0	46	26.3	2063	66	158	190	2.394	0.832	0.347	13.5	23.65
1687	40.9334	116.6063	-247.3	350	TS5	0	0	0	0	48	26.1	1972	47	186	129	3.957	1.442	0.364	13.5	23.63
1688	40.9334	116.6068	-243.4	333	TS5	0	0	0	0	57	25.8	1971	74	143	135	1.932	1.059	0.548	13.5	23.66
1689	40.9334	116.6074	-241.0	336	TS5	0	0	0	0	44	25.9	2063	72	140	188	1.944	0.745	0.383	13.6	23.67
1690	40.9335	116.6079	-235.7	359	TS5	0	0	0	0	60	26.3	1998	73	65	184	0.890	0.353	0.397	13.5	23.65
1691	40.9335	116.6085	-232.4	378	TS5	0	0	0	0	46	26.6	1981	61	105	193	1.721	0.544	0.316	13.6	23.65
1692	40.9335	116.6090	-227.9	394	TS5	0	0	0	0	46	29.6	1883	57	168	131	2.947	1.282	0.435	13.5	23.61
1693	40.9335	116.6096	-223.5	408	TS5	0	0	0	0	55	29.9	1945	59	112	164	1.898	0.683	0.360	13.6	23.61
1694	40.9335	116.6101	-217.1	411	TS5	0	0	0	0	35	29.9	1960	87	106	133	1.218	0.797	0.654	13.6	23.60
1695	40.9335	116.6107	-209.3	406	TS5	0	0	0	0	52	29.8	1958	69	125	148	1.812	0.845	0.466	13.7	23.64
1696	40.9336	116.6112	-203.8	393	TS5	0	0	0	0	45	29.6	1931	47	188	128	4.000	1.469	0.367	13.6	23.63
1697	40.9336	116.6118	-198.2	379	TS5	0	0	0	0	49	29.4	1858	65	117	154	1.800	0.760	0.422	13.5	23.61
1698	40.9336	116.6123	-192.6	378	TS5	0	0	0	0	47	29.4	1960	54	132	177	2.444	0.746	0.305	13.5	23.61
1699	40.9336	116.6129	-192.6	370	TS5	0	0	0	0	52	29.2	1967	70	140	125	2.000	1.120	0.560	13.5	23.60
1700	40.9336	116.6134	-195.5	373	TS5	0	0	0	0	42	29.3	1845	60	90	179	1.500	0.503	0.335	13.5	23.62
1701	40.9336	116.6139	-199.2	396	TS5	0	0	0	0	57	29.7	1996	63	79	205	1.254	0.385	0.307	13.5	23.63
1702	40.9337	116.6145	-202.8	426	TS5	0	0	0	0	46	30.2	2194	72	152	166	2.111	0.916	0.434	13.5	23.64
1703	40.9337	116.6150	-206.6	441	TS5	0	0	0	0	49	30.4	2058	67	126	161	1.881	0.783	0.416	13.5	23.61
1704	40.9337	116.6156	-210.2	448	TS5	0	0	0	0	48	30.5	2019	54	169	147	3.130	1.150	0.367	13.5	23.58
1705	40.9337	116.6161	-212.3	449	TS5	0	0	0	0	45	30.6	2006	73	129	119	1.767	1.084	0.613	13.5	23.59
1706	40.9337	116.6167	-215.8	438	TS5	0	0	0	0	39	30.4	1954	68	143	129	2.103	1.109	0.527	13.6	23.62
1707	40.9337	116.6172	-217.6	420	TS5	0	0	0	0	55	30.1	2019	50	115	204	2.300	0.564	0.245	13.7	23.68
1708	40.9338	116.6178	-223.8	408	TS5	0	0	0	0	49	29.9	1971	69	88	179	1.275	0.492	0.385	13.6	23.66
1709	40.9338	116.6183	-226.5	403	TS5	0	0	0	0	54	29.8	2063	82	112	163	1.366	0.687	0.503	13.5	23.68
1710	40.9338	116.6189	-228.8	407	TS5	0	0	0	0	46	29.9	2038	55	149	178	2.709	0.837	0.309	13.5	23.69
1711	40.9338	116.6194	-230.1	418	TS5	0	0	0	0	46	30.4	2204	94	49	206	0.521	0.238	0.456	13.5	23.71
1712	40.9338	116.6200	-228.6	412	TS5	0	0	0	0	51	30.3	2254	72	186	185	2.583	1.005	0.389	13.5	23.69
1713	40.9338	116.6205	-227.4	391	TS5	0	0	0	0	57	29.9	2076	64	192	171	3.000	1.123	0.374	13.4	23.67
1714	40.9339	116.6211	-223.9	381	TS5	0	0	0	0	53	29.7	2147	80	136	155	1.700	0.877	0.516	13.5	23.69
1715	40.9339	116.6216	-223.6	400	TS5	0	0	0	0	42	30.0	2249	45	226	209	5.022	1.081	0.215	13.6	23.70
1716	40.9339	116.6222	-224.1	419	TS5	0	0	0	0	51	30.4	2277	81	149	175	1.840	0.851	0.463	13.6	23.70
1717	40.9339	116.6227	-221.7	423	QQA2	0	0	0	0	45	30.5	2175	80	149	167	1.862	0.892	0.479	13.5	23.68
1718	40.9339	116.6232	-219.1	429	QQA2	0	0	0	0	54	30.6	2140	62	131	165	2.113	0.794	0.376	13.5	23.69
1719	40.9340	116.6238	-217.2	429	QQA2	0	0	0	0	41	30.6	2179	77	103	221	1.338	0.466	0.348	13.5	23.69
1720	40.9340	116.6243	-209.3	433	QQA2	0	0	0	0	61	30.6	2270	63	119	230	1.889	0.517	0.274	13.6	23.69
1721	40.9340	116.6249	-215.4	433	QQA2	0	0	0	0	50	30.6	2185	76	117	164	1.539	0.713	0.463	13.7	23.72
1722	40.9340	116.6254	-215.5	414	QQA2	0	0	0	0	50	30.3	2149	82	105	205	1.280	0.512	0.400	13.7	23.72
1723	40.9340	116.6260	-217.1	387	QQA2	0	0	0	0	53	29.8	2131	78	140	171	1.795	0.819	0.456	13.7	23.74
1724	40.9340	116.6265	-217.0	354	QQA2	0	0	0	0	38	29.2	2145	70	156	180	2.229	0.867	0.389	13.6	23.73
1725	40.9341	116.6271	-221.5	346	QQA2	0	0	0	0	38	29.1	2141	76	181	172	2.382	1.052	0.442	13.7	23.72
1726	40.9341	116.6276	-224.4	373	QQA2	0	0	0	0	48	29.6	2226	86	93	249	1.081	0.373	0.345	13.6	23.73
1727	40.9341	116.6282	-227.3	370	QQA2	0	0	0	0	50	29.5	2179	77	112	206	1.455	0.544	0.374	13.7	23.75
1728	40.9341	116.6287	-229.8	358	QQA2	0	0	0	0	51	29.3	2215	82	173	183	2.110	0.945	0.448	13.7	23.74
1729	40.9341	116.6293	-230.8	345	QQA2	0	0	0	0	53	29.0	2082	81	125	190	1.543	0.658	0.426	13.6	23.73

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1730	40.9341	116.6298	-229.9	35i	QQA2	0	0	0	0	43	29.4	2205	78	113	189	1.449	0.598	0.413	13.6	23.70
1731	40.9342	116.6304	-229.7	367	QQA2	0	0	0	0	48	29.7	2177	87	74	215	0.851	0.344	0.405	13.6	23.71
1732	40.9342	116.6309	-234.1	385	QQA2	0	0	0	0	42	30.0	2146	72	103	220	1.431	0.468	0.327	13.7	23.71
1733	40.9342	116.6314	-234.8	384	QQA2	0	0	0	0	53	30.0	2099	69	150	173	2.174	0.867	0.399	13.7	23.69
1734	40.9342	116.6320	-235.7	378	QQA2	0	0	0	0	72	29.9	2050	58	143	177	2.466	0.808	0.328	13.8	23.71
1735	40.9342	116.6325	-235.6	379	QQA2	0	0	0	0	57	29.9	2087	87	129	160	1.483	0.806	0.544	13.8	23.69
1736	40.9342	116.6331	-299.7	381	QQA2	0	0	0	0	46	30.0	2057	72	183	144	2.542	1.271	0.500	13.8	23.70
1737	40.9343	116.6336	-235.6	379	QQA2	0	0	0	0	60	29.9	2102	68	145	195	2.132	0.744	0.349	13.8	23.72
1738	40.9343	116.6342	-237.0	384	QQA2	0	0	0	0	51	30.0	2055	81	168	134	2.074	1.254	0.604	13.8	23.71
1739	40.9343	116.6347	-237.6	390	TRF2	0	0	0	0	72	30.1	2136	59	79	240	1.339	0.329	0.246	13.9	23.71
1740	40.9343	116.6353	-237.1	401	TRF2	0	0	0	0	51	30.3	2034	74	134	184	1.811	0.728	0.402	13.9	23.72
1741	40.9343	116.6358	-238.0	406	TRF2	0	0	0	0	48	30.4	2139	59	122	226	2.068	0.540	0.261	13.8	23.70
1742	40.9343	116.6364	-235.6	411	TRF2	0	0	0	0	54	30.5	2212	85	154	172	1.812	0.895	0.494	13.9	23.69
1743	40.9344	116.6369	-236.3	432	TRF2	0	0	0	0	40	30.9	2336	80	188	180	2.350	1.044	0.444	13.9	23.71
1744	40.9344	116.6375	-233.6	417	TRF2	0	0	0	0	46	30.6	2163	71	146	198	2.056	0.737	0.359	13.8	23.70
1745	40.9344	116.6380	-232.7	414	TRF2	0	0	0	0	44	30.6	2163	70	143	168	2.043	0.851	0.417	13.8	23.71
1746	40.9344	116.6386	-228.8	424	TRF2	0	0	0	0	43	30.7	2239	65	154	184	2.369	0.837	0.353	13.9	23.69
1747	40.9344	116.6391	-228.6	439	TRF2	0	0	0	0	49	31.0	2200	95	119	174	1.253	0.684	0.546	14.0	23.70
1748	40.9344	116.6397	-222.8	452	TRF2	0	0	0	0	51	31.2	2263	98	85	218	0.867	0.390	0.450	13.9	23.69
1749	40.9345	116.6402	-221.1	462	TRF2	0	0	0	0	61	32.4	2243	89	175	136	1.966	1.287	0.654	13.8	23.68
1750	40.9345	116.6407	-218.7	469	TRF2	0	0	0	0	36	32.5	2123	67	176	162	2.627	1.086	0.414	13.8	23.69
1751	40.9345	116.6413	-216.1	471	TRF2	0	0	0	0	56	32.5	2086	51	116	216	2.275	0.537	0.236	13.9	23.71
1752	40.9345	116.6418	-212.3	467	TRF2	0	0	0	0	48	32.5	2104	50	83	217	1.660	0.382	0.230	13.9	23.73
1753	40.9345	116.6424	-208.5	462	TRF2	0	0	0	0	56	32.4	2141	81	134	167	1.654	0.802	0.485	13.9	23.74
1754	40.9345	116.6429	-204.7	451	TRF2	0	0	0	0	52	32.2	2161	93	73	181	0.785	0.403	0.514	13.9	23.73
1755	40.9346	116.6435	-200.9	437	TRF2	0	0	0	0	56	31.9	2087	59	164	163	2.780	1.006	0.362	13.8	23.73
1756	40.9346	116.6440	-198.0	421	TRF2	0	0	0	0	36	31.7	2109	82	102	199	1.244	0.513	0.412	13.7	23.74
1757	40.9346	116.6446	-200.7	413	TRF2	0	0	0	0	57	31.5	2079	71	79	212	1.113	0.373	0.335	13.7	23.75
1758	40.9346	116.6451	-203.9	409	TRF2	0	0	0	0	50	31.4	2182	78	101	207	1.295	0.488	0.377	13.8	23.77
1759	40.9346	116.6457	-207.5	409	TRF2	0	0	0	0	46	31.4	2118	59	114	241	1.932	0.473	0.245	13.8	23.78
1760	40.9347	116.6462	-211.2	397	TRF2	0	0	0	0	45	31.2	2181	64	192	180	3.000	1.067	0.356	13.7	23.75
1761	40.9347	116.6468	-214.7	387	TRF2	0	0	0	0	53	31.0	2156	62	119	184	1.919	0.647	0.337	13.7	23.75
1762	40.9347	116.6473	-219.4	382	TRF2	0	0	0	0	56	30.9	2234	65	133	199	2.046	0.668	0.327	13.7	23.74
1763	40.9347	116.6479	-230.1	376	TRF2	0	0	0	0	43	30.8	2176	70	177	159	2.529	1.113	0.440	13.7	23.76
1764	40.9347	116.6484	-236.3	373	TRF2	0	0	0	0	54	30.8	2104	75	111	191	1.480	0.581	0.393	13.7	23.77
1765	40.9347	116.6490	-240.7	364	TRF2	0	0	0	0	55	30.6	2106	90	55	203	0.611	0.271	0.443	13.7	23.78
1766	40.9348	116.6495	-244.4	360	TRF2	0	0	0	0	64	30.5	2055	59	93	248	1.576	0.375	0.238	13.8	23.81
1767	40.9348	116.6500	-245.4	351	TRF2	0	0	0	0	48	30.4	2056	60	128	201	2.133	0.637	0.299	13.7	23.79
1768	40.9348	116.6506	-246.8	346	TRF2	0	0	0	0	34	32.6	2109	75	141	153	1.880	0.922	0.490	13.7	23.80
1769	40.9348	116.6511	-246.4	350	TRF2	0	0	0	0	52	32.7	2122	71	120	218	1.690	0.550	0.326	13.7	23.78
1770	40.9348	116.6517	-244.2	357	TRF2	0	0	0	0	44	32.8	2092	78	92	192	1.179	0.479	0.406	13.6	23.79
1771	40.9348	116.6522	-242.0	369	TRF2	0	0	0	0	43	33.1	2056	77	109	188	1.416	0.580	0.410	13.6	23.79
1772	40.9349	116.6528	-238.6	374	TRF2	0	0	0	0	39	33.2	2109	69	114	206	1.652	0.553	0.335	13.7	23.77
1773	40.9349	116.6533	-236.3	375	TRF2	0	0	0	0	39	33.2	2126	58	179	224	3.086	0.799	0.259	13.7	23.77
1774	40.9349	116.6539	-236.4	376	TRF2	0	0	0	0	40	33.2	2032	56	164	150	2.929	1.093	0.373	13.5	23.74
1775	40.9349	116.6544	-236.7	383	TRF2	0	0	0	0	49	33.3	1990	54	161	164	2.981	0.982	0.329	13.6	23.76
1776	40.9349	116.6550	-238.5	391	TRF2	0	0	0	0	44	33.5	2061	80	72	222	0.900	0.324	0.360	13.6	23.74
1777	40.9349	116.6555	-241.4	398	TRF2	0	0	0	0	54	33.6	1943	61	144	144	2.361	1.000	0.424	13.6	23.73
1778	40.9350	116.6561	-242.5	406	TRF2	0	0	0	0	51	33.8	1955	65	151	123	2.323	1.228	0.528	13.7	23.74
1779	40.9350	116.6566	-243.8	413	TRF2	0	0	0	0	35	33.9	2100	71	137	173	1.930	0.792	0.410	13.7	23.75
1780	40.9350	116.6572	-245.1	415	TRF2	0	0	0	0	58	34.0	2032	73	104	165	1.425	0.630	0.442	13.7	23.75
1781	40.9350	116.6577	-247.2	421	TRF2	0	0	0	0	53	34.1	1995	60	104	186	1.733	0.559	0.323	13.7	23.75
1782	40.9350	116.6583	-248.8	428	TRF2	0	0	0	0	43	34.2	2044	96	85	153	0.885	0.556	0.627	13.7	23.75
1783	40.9350	116.6588	-247.7	426	TRF2	0	0	0	0	47	34.2	1981	58	113	179	1.948	0.631	0.324	13.7	23.73

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1784	40.9351	116.6593	-252.5	435	TRF2	0	0	0	0	54	34.4	1992	54	122	167	2.259	0.731	0.323	13.7	23.73
1785	40.9351	116.6599	-253.6	441	TRF2	0	0	0	0	51	34.5	1958	61	153	144	2.508	1.063	0.424	13.6	23.73
1786	40.9351	116.6604	-254.5	442	TRF2	0	0	0	0	41	34.5	2035	66	163	136	2.470	1.199	0.485	13.6	23.73
1787	40.9351	116.6610	-256.4	448	TRF2	0	0	0	0	61	34.0	1987	65	86	192	1.323	0.448	0.339	13.5	23.70
1788	40.9351	116.6615	-256.8	442	TRF2	0	0	0	0	37	33.9	2033	64	106	188	1.656	0.564	0.340	13.5	23.68
1789	40.9351	116.6621	-258.4	444	TRF2	0	0	0	0	42	33.9	1962	70	210	81	3.000	2.593	0.864	13.5	23.69
1790	40.9352	116.6626	-258.8	449	TRF2	0	0	0	0	29	34.0	1963	63	171	142	2.714	1.204	0.444	13.5	23.70
1791	40.9352	116.6632	-259.8	459	TRF2	0	0	0	0	54	34.2	1911	43	117	173	2.721	0.676	0.249	13.6	23.71
1792	40.9352	116.6637	-263.7	464	TRF2	0	0	0	0	45	34.3	2019	62	128	187	2.065	0.684	0.332	13.5	23.70
1793	40.9352	116.6643	-263.0	472	TRF2	0	0	0	0	48	34.4	1974	73	101	168	1.384	0.601	0.435	13.5	23.68
1794	40.9352	116.6648	-264.2	470	TRF2	0	0	0	0	44	34.4	2000	53	136	182	2.566	0.747	0.291	13.5	23.69
1795	40.9352	116.6654	-264.0	470	TRF2	0	0	0	0	49	34.4	2021	50	124	179	2.480	0.693	0.279	13.6	23.69
1796	40.9353	116.6659	-263.7	466	TRF2	0	0	0	0	39	34.3	2030	55	121	205	2.200	0.590	0.268	13.5	23.71
1797	40.9353	116.6665	-265.6	464	TRF2	0	0	0	0	43	34.3	1972	72	84	163	1.167	0.515	0.442	13.6	23.73
1798	40.9353	116.6670	-267.3	457	TRF2	0	0	0	0	45	34.2	1995	65	201	119	3.092	1.689	0.546	13.6	23.73
1799	40.9353	116.6676	-267.0	457	TRF2	0	0	0	0	56	34.2	1989	49	151	179	3.082	0.844	0.274	13.5	23.73
1800	40.9353	116.6681	-266.9	451	TRF2	0	0	0	0	48	34.1	2006	74	74	178	1.000	0.416	0.416	13.5	23.73
1801	40.9354	116.6686	-268.0	455	QQA2	0	0	0	0	40	34.1	1944	64	98	173	1.531	0.566	0.370	13.5	23.71
1802	40.9354	116.6692	-267.6	456	QQA2	0	0	0	0	50	34.2	1999	55	155	115	2.818	1.348	0.478	13.5	23.72
1803	40.9354	116.6697	-267.6	452	QQA2	0	0	0	0	44	34.1	2011	85	58	153	0.682	0.379	0.556	13.5	23.71
1804	40.9354	116.6703	-268.0	453	QQA2	0	0	0	0	36	34.1	2000	82	140	128	1.707	1.094	0.641	13.5	23.71
1805	40.9354	116.6708	-268.9	451	QQA2	0	0	0	0	59	34.1	2034	64	71	196	1.109	0.362	0.327	13.5	23.72
1806	40.9354	116.6714	-269.6	446	QQA2	0	0	0	0	50	34.9	2058	70	95	191	1.357	0.497	0.366	13.5	23.72
1807	40.9355	116.6719	-270.2	443	QQA2	0	0	0	0	42	34.8	1949	62	129	149	2.081	0.866	0.416	13.5	23.72
1808	40.9355	116.6725	-271.4	435	QQA2	0	0	0	0	42	34.7	2052	67	132	189	1.970	0.698	0.354	13.4	23.73
1809	40.9355	116.6730	-272.3	436	QQA2	0	0	0	0	51	34.7	1987	81	112	136	1.383	0.824	0.596	13.4	23.73
1810	40.9355	116.6736	-272.2	438	QQA2	0	0	0	0	50	34.7	2007	84	113	172	1.345	0.657	0.488	13.5	23.75
1811	40.9355	116.6741	-270.1	437	QQA2	0	0	0	0	45	34.7	2010	59	127	196	2.153	0.648	0.301	13.6	23.77
1812	40.9355	116.6747	-270.5	431	QQA2	0	0	0	0	46	34.6	1917	65	98	162	1.508	0.605	0.401	13.4	23.77
1813	40.9356	116.6752	-270.0	421	QQA2	0	0	0	0	42	34.4	1951	41	175	140	4.268	1.250	0.293	13.4	23.75
1814	40.9356	116.6758	-271.6	421	QQA2	0	0	0	0	46	34.4	1899	50	91	165	1.820	0.552	0.303	13.4	23.74
1815	40.9356	116.6763	-271.3	423	QQA2	0	0	0	0	42	34.5	1876	79	83	126	1.051	0.659	0.627	13.4	23.75
1816	40.9356	116.6768	-272.6	431	QQA2	0	0	0	0	51	34.6	1877	72	83	138	1.153	0.601	0.522	13.4	23.75
1817	40.9356	116.6774	-270.4	434	QQA2	0	0	0	0	61	34.7	1930	56	108	149	1.929	0.725	0.376	13.4	23.75
1818	40.9356	116.6779	-270.9	433	QQA2	0	0	0	0	44	34.6	1944	49	65	213	1.327	0.305	0.230	13.5	23.74
1819	40.9357	116.6785	-272.3	430	QQA2	0	0	0	0	50	34.6	2009	65	60	189	0.923	0.317	0.344	13.5	23.73
1820	40.9357	116.6790	-274.2	422	QQA2	0	0	0	0	45	34.4	1940	51	115	172	2.255	0.669	0.297	13.4	23.73
1821	40.9357	116.6796	-276.9	414	QQA2	0	0	0	0	58	34.3	1994	51	185	136	3.627	1.360	0.375	13.4	23.75
1822	40.9357	116.6801	-277.4	407	QQA2	0	0	0	0	53	34.1	2003	60	74	211	1.233	0.351	0.284	13.4	23.76
1823	40.9357	116.6807	-277.8	402	QQA2	0	0	0	0	43	34.0	1954	59	57	175	0.966	0.326	0.337	13.5	23.78
1824	40.9357	116.6812	-275.5	396	QQA2	0	0	0	0	29	33.9	1982	71	29	238	0.408	0.122	0.298	13.5	23.79
1825	40.9358	116.6818	-273.6	398	QQA2	0	0	0	0	48	30.3	1847	57	115	153	2.018	0.752	0.373	13.5	23.80
1826	40.9358	116.6823	-271.0	394	QQA2	0	0	0	0	46	30.2	1933	55	112	171	2.036	0.655	0.322	13.5	23.81
1827	40.9358	116.6829	-265.5	392	QQA2	0	0	0	0	46	30.2	1841	60	76	192	1.267	0.396	0.313	13.5	23.81
1828	40.9358	116.6834	-263.4	391	QQA2	0	0	0	0	45	30.2	1873	62	155	111	2.500	1.396	0.559	13.4	23.79
1829	40.9358	116.6840	-261.7	393	QQA2	0	0	0	0	46	30.2	1850	57	135	143	2.368	0.944	0.399	13.4	23.77
1830	40.9358	116.6845	-259.8	397	QQA2	0	0	0	0	46	30.3	1921	50	127	154	2.540	0.825	0.325	13.4	23.79
1831	40.9359	116.6851	-257.8	412	QQA2	0	0	0	0	48	30.6	1959	77	66	163	0.857	0.405	0.472	13.5	23.77
1832	40.9359	116.6856	-255.5	414	QQA2	0	0	0	0	48	30.6	1931	43	141	174	3.279	0.810	0.247	13.5	23.79
1833	40.9359	116.6861	-253.1	413	QQA2	0	0	0	0	66	30.6	1911	66	48	178	0.727	0.270	0.371	13.5	23.81
1834	40.9359	116.6867	-250.5	411	QQA2	0	0	0	0	50	30.5	1880	54	116	123	2.148	0.943	0.439	13.5	23.81
1835	40.9359	116.6872	-247.2	404	QQA2	0	0	0	0	67	30.4	1910	45	114	173	2.533	0.659	0.260	13.5	23.81
1836	40.9359	116.6878	-242.2	398	QQA2	0	0	0	0	57	30.3	2005	66	70	184	1.061	0.380	0.359	13.4	23.81
1837	40.9360	116.6883	-237.8	395	QQA2	0	0	0	0	44	30.2	1934	68	56	202	0.824	0.277	0.337	13.4	23.82

BP
2.71
2.70
2.71
2.71
2.72
2.73
2.75
2.76
2.77
2.75
2.73
2.77
2.77
2.79
2.81
2.81
2.83
2.82
2.79
2.80
2.82
2.84
2.86
2.87
2.85
2.87
2.97
2.88
2.88
2.90
2.92
2.92
2.91
2.89
2.90
2.91
2.92
2.93
2.95
2.95
2.92
2.93
2.93
2.98
2.99
2.99
3.00
2.99
3.00
3.00
3.01
3.02
3.07
3.09

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1838	40.9360	116.6889	-232.3	389	QOA2	0	0	0	0	43	30.1	1944	75	136	125	1.813	1.088	0.600	13.5	23.85
1839	40.9360	116.6894	-226.7	386	QOA2	0	0	0	0	42	30.1	1873	50	124	147	2.480	0.844	0.340	13.6	23.87
1840	40.9360	116.6900	-222.3	365	QOA2	0	0	0	0	72	29.7	1806	48	164	135	3.417	1.215	0.356	13.6	23.87
1841	40.9360	116.6905	-217.3	343	QOA2	0	0	0	0	42	29.3	1862	57	111	174	1.947	0.638	0.328	13.6	23.88
1842	40.9360	116.6911	-212.9	322	QOA2	0	0	0	0	54	28.9	1698	58	101	146	1.741	0.692	0.397	13.6	23.85
1843	40.9361	116.6916	-205.1	314	QOA2	0	0	0	0	39	28.7	1804	50	167	143	3.340	1.168	0.350	13.5	23.86
1844	40.9361	116.6922	-202.0	311	QOA2	0	0	0	0	52	28.1	1867	72	97	155	1.347	0.626	0.465	13.4	23.85
1845	40.9361	116.6927	-200.6	314	QOA2	0	0	0	0	58	28.2	1854	70	109	144	1.557	0.757	0.486	13.4	23.83
1846	40.9361	116.6933	-197.8	316	QOA2	0	0	0	0	42	28.2	1843	59	144	151	2.441	0.954	0.391	13.4	23.84
1847	40.9361	116.6938	-193.6	322	QOA2	0	0	0	0	55	28.3	1836	61	101	168	1.656	0.601	0.363	13.5	23.84
1848	40.9362	116.6944	-187.9	329	QOA2	0	0	0	0	40	28.5	1874	51	120	199	2.353	0.603	0.256	13.5	23.85
1849	40.9362	116.6949	-180.8	333	QOA2	0	0	0	0	53	28.6	1789	36	145	168	4.028	0.863	0.214	13.6	23.85
1850	40.9362	116.6954	-172.4	336	QA1	0	0	0	0	44	28.6	1898	50	159	172	3.180	0.924	0.291	13.6	23.84
1851	40.9362	116.6960	-162.5	339	QA1	0	0	0	0	40	28.7	1983	63	92	212	1.460	0.434	0.297	13.5	23.83
1852	40.9362	116.6965	-151.4	339	QA1	0	0	0	0	42	28.7	1855	43	133	195	3.093	0.682	0.221	13.5	23.84
1853	40.9362	116.6971	-143.1	336	QA1	0	0	0	0	54	28.6	1901	55	86	189	1.564	0.455	0.291	13.5	23.81
1854	40.9363	116.6976	-136.0	335	QA1	0	0	0	0	32	28.6	1856	62	145	134	2.339	1.082	0.463	13.5	23.83
1855	40.9363	116.6982	-125.9	332	QA1	0	0	0	0	43	28.5	1815	48	221	99	4.604	2.232	0.485	13.5	23.84
1856	40.9363	116.6987	-118.6	327	QA1	0	0	0	0	44	28.4	1811	60	63	183	1.050	0.344	0.328	13.5	23.82
1857	40.9363	116.6993	-112.0	327	QA1	0	0	0	0	45	28.5	1860	59	139	176	2.356	0.790	0.335	13.5	23.85
1858	40.9363	116.6998	-106.6	326	QA1	0	0	0	0	53	28.4	1905	63	122	164	1.937	0.744	0.384	13.5	23.84
1859	40.9363	116.7004	-103.3	327	QA1	0	0	0	0	37	28.4	1840	61	104	150	1.705	0.693	0.407	13.6	23.86
1860	40.9364	116.7009	-105.9	327	QA1	0	0	0	0	55	28.4	1861	51	168	149	3.294	1.128	0.342	13.5	23.84
1861	40.9364	116.7015	-112.5	329	QA1	0	0	0	0	60	28.5	1870	55	93	195	1.691	0.477	0.282	13.5	23.85
1862	40.9364	116.7020	-121.9	330	QA1	0	0	0	0	40	28.5	1906	78	152	119	1.949	1.277	0.655	13.6	23.85
1863	40.9364	116.7026	-131.5	335	QA1	0	0	0	0	51	28.0	1916	69	74	191	1.072	0.387	0.361	13.5	23.85
1864	40.9364	116.7031	-141.9	339	QA1	0	0	0	0	45	28.1	1864	50	88	228	1.760	0.386	0.219	13.5	23.84
1865	40.9364	116.7037	-152.9	347	QA1	0	0	0	0	46	28.2	1932	65	137	156	2.108	0.878	0.417	13.5	23.83
1866	40.9365	116.7042	-163.3	353	QA1	0	0	0	0	54	28.3	1912	59	111	184	1.881	0.603	0.321	13.5	23.82
1867	40.9365	116.7047	-172.1	358	QA1	0	0	0	0	47	28.4	1885	65	71	193	1.092	0.368	0.337	13.5	23.80
1868	40.9365	116.7053	-180.8	359	QA1	0	0	0	0	53	28.4	1843	59	137	131	2.322	1.046	0.450	13.5	23.81
1869	40.9365	116.7058	-186.9	363	QA1	0	0	0	0	41	28.5	1853	75	29	206	0.387	0.141	0.364	13.6	23.82
1870	40.9365	116.7064	-194.0	370	QA1	0	0	0	0	46	28.6	1938	67	70	178	1.045	0.393	0.376	13.5	23.83
1871	40.9365	116.7069	-199.3	379	QA1	0	0	0	0	45	28.8	1826	67	123	135	1.836	0.911	0.496	13.6	23.85
1872	40.9366	116.7075	-201.4	383	QA1	0	0	0	0	68	28.8	1889	58	73	210	1.259	0.348	0.276	13.6	23.83
1873	40.9366	116.7080	-202.9	393	QA1	0	0	0	0	53	29.0	1836	49	118	195	2.408	0.605	0.251	13.5	23.81
1874	40.9366	116.7086	-201.8	397	QA1	0	0	0	0	43	29.1	1809	42	103	183	2.452	0.563	0.230	13.5	23.80
1875	40.9366	116.7091	-201.1	401	QA1	0	0	0	0	40	29.2	1848	66	82	195	1.242	0.421	0.338	13.5	23.80
1876	40.9366	116.7097	-199.0	403	QA1	0	0	0	0	62	29.2	1834	36	149	156	4.139	0.955	0.231	13.5	23.78
1877	40.9366	116.7102	-199.6	404	QA1	0	0	0	0	43	29.2	1858	45	133	160	2.956	0.831	0.281	13.5	23.81
1878	40.9367	116.7108	-199.5	405	QA1	0	0	0	0	46	29.2	1774	46	139	134	022	1.037	0.343	13.6	23.81
1879	40.9367	116.7113	-200.6	407	QA1	0	0	0	0	51	29.3	1809	61	41	178	0.672	0.230	0.343	13.6	23.81
1880	40.9367	116.7119	-202.3	404	QA1	0	0	0	0	41	29.2	1887	76	73	163	0.961	0.448	0.466	13.5	23.81
1881	40.9367	116.7124	-203.2	399	QA1	0	0	0	0	46	29.1	1812	71	101	130	1.423	0.777	0.546	13.6	23.83
1882	40.9367	116.7130	-206.4	393	QA1	0	0	0	0	42	32.5	1853	65	115	148	1.769	0.777	0.439	13.5	23.82
1883	40.9367	116.7135	-207.9	390	QA1	0	0	0	0	45	32.4	1830	56	88	157	1.571	0.561	0.357	13.4	23.81
1884	40.9368	116.7140	-210.5	388	QA1	0	0	0	0	42	32.3	1798	61	80	156	1.311	0.513	0.391	13.4	23.81
1885	40.9368	116.7146	-211.7	388	QA1	0	0	0	0	37	32.3	1798	49	127	162	2.592	0.784	0.302	13.4	23.83
1886	40.9368	116.7151	-212.1	387	QA1	0	0	0	0	29	32.3	1800	50	189	112	3.780	1.688	0.446	13.5	23.80
1887	40.9368	116.7157	-212.1	395	QA1	0	0	0	0	36	32.5	1848	59	83	163	1.407	0.509	0.362	13.6	23.83
1888	40.9368	116.7162	-212.2	405	QA1	0	0	0	0	40	32.7	1837	71	41	195	0.577	0.210	0.364	13.5	23.83
1889	40.9369	116.7168	-211.5	415	QA1	0	0	0	0	42	32.9	1764	68	93	121	1.368	0.769	0.562	13.5	23.83
1890	40.9369	116.7173	-211.6	421	QA1	0	0	0	0	51	33.0	1866	48	109	174	2.271	0.626	0.276	13.5	23.82
1891	40.9369	116.7179	-213.9	424	QA1	0	0	0	0	44	33.0	1771	48	94	144	1.958	0.653	0.333	13.5	23.81

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1892	40.9369	116.7184	-214.6	421	QA1	0	0	0	0	42	33.0	1799	59	98	142	1.661	0.690	0.415	13.4	23.80
1893	40.9369	116.7190	-215.0	419	QA1	0	0	0	0	48	32.9	1801	48	117	145	2.438	0.807	0.331	13.4	23.79
1894	40.9369	116.7195	-214.7	411	QA1	0	0	0	0	49	32.8	1822	54	84	142	1.556	0.592	0.380	13.4	23.79
1895	40.9370	116.7201	-215.5	400	QA1	0	0	0	0	42	32.6	1750	41	130	139	3.171	0.935	0.295	13.4	23.81
1896	40.9370	116.7206	-215.4	394	QA1	0	0	0	0	43	32.5	1795	50	170	111	3.400	1.532	0.450	13.5	23.81
1897	40.9370	116.7212	-214.4	385	QA1	0	0	0	0	53	32.3	1869	68	64	158	0.941	0.405	0.430	13.5	23.85
1898	40.9370	116.7217	-214.1	379	QA1	0	0	0	0	45	32.2	1912	53	151	152	2.849	0.993	0.349	13.5	23.85
1899	40.9370	116.7222	-212.0	370	QA1	0	0	0	0	48	32.0	1916	44	129	176	2.932	0.733	0.250	13.4	23.83
1900	40.9370	116.7228	-210.2	365	QQA2	0	0	0	0	52	31.9	1834	49	82	202	1.673	0.406	0.243	13.4	23.83
1901	40.9371	116.7233	-208.3	367	QQA2	0	0	0	0	47	34.0	1764	52	77	158	1.481	0.487	0.329	13.4	23.84
1902	40.9371	116.7239	-206.0	369	QQA2	0	0	0	0	40	34.0	1691	58	72	177	1.241	0.407	0.328	13.4	23.84
1903	40.9371	116.7244	-204.8	376	QQA2	0	0	0	0	32	34.2	1799	66	114	130	1.727	0.877	0.508	13.5	23.86
1904	40.9371	116.7250	-202.6	381	QQA2	0	0	0	0	58	34.3	1752	55	64	157	1.164	0.408	0.350	13.5	23.87
1905	40.9371	116.7255	-201.3	384	QQA2	0	0	0	0	51	34.3	1854	40	119	196	2.975	0.607	0.204	13.5	23.88
1906	40.9371	116.7261	-199.4	380	QQA2	0	0	0	0	42	34.3	1838	69	57	170	0.826	0.335	0.406	13.5	23.90
1907	40.9372	116.7266	-197.1	377	QQA2	0	0	0	0	41	34.2	1850	47	126	165	2.681	0.764	0.285	13.5	23.89
1908	40.9372	116.7272	-193.8	372	QQA2	0	0	0	0	39	34.1	1947	88	74	183	0.841	0.404	0.481	13.5	23.87
1909	40.9372	116.7277	-189.9	368	QQA2	0	0	0	0	57	34.0	1850	51	154	135	3.020	1.141	0.378	13.5	23.88
1910	40.9372	116.7283	-187.9	362	QQA2	0	0	0	0	40	33.9	1897	63	95	180	1.508	0.528	0.350	13.4	23.87
1911	40.9372	116.7288	-184.8	361	QQA2	0	0	0	0	31	33.9	1970	73	97	193	1.329	0.503	0.378	13.5	23.89
1912	40.9372	116.7294	-180.2	364	QQA2	0	0	0	0	41	33.9	1870	49	105	209	2.143	0.502	0.234	13.5	23.90
1913	40.9373	116.7299	-176.0	366	QQA2	0	0	0	0	48	34.0	1832	72	104	139	1.444	0.748	0.518	13.6	23.91
1914	40.9373	116.7305	-172.6	372	QQA2	0	0	0	0	48	34.1	1978	58	166	145	2.862	1.145	0.400	13.6	23.91
1915	40.9373	116.7310	-169.0	371	QQA2	0	0	0	0	47	34.1	1939	61	98	176	1.607	0.557	0.347	13.5	23.88
1916	40.9373	116.7315	-163.7	370	QQA2	0	0	0	0	57	34.1	1905	49	98	184	2.000	0.533	0.266	13.6	23.87
1917	40.9373	116.7321	-159.5	372	QQA2	0	0	0	0	47	34.1	1915	71	90	154	1.268	0.584	0.461	13.5	23.87
1918	40.9373	116.7326	-151.7	374	QQA2	0	0	0	0	42	34.1	1891	77	122	117	1.584	1.043	0.658	13.5	23.86
1919	40.9374	116.7332	-145.8	373	QQA2	0	0	0	0	44	34.1	1835	58	65	214	1.121	0.304	0.271	13.5	23.88
1920	40.9374	116.7337	-141.7	374	QQA2	0	0	0	0	50	35.3	1889	47	184	142	3.915	1.296	0.331	13.5	23.87
1921	40.9374	116.7343	-138.1	376	QQA2	0	0	0	0	34	35.3	1847	41	141	159	3.439	0.887	0.258	13.5	23.87
1922	40.9374	116.7348	-133.9	380	QQA2	0	0	0	0	44	35.4	1956	57	72	210	1.263	0.343	0.271	13.5	23.88
1923	40.9374	116.7354	-133.8	383	QQA2	0	0	0	0	35	35.4	1935	44	98	197	2.227	0.497	0.223	13.6	23.90
1924	40.9374	116.7359	-130.7	384	QQA2	0	0	0	0	49	35.5	1894	47	73	228	1.553	0.320	0.206	13.6	23.88
1925	40.9375	116.7365	-130.6	385	QQA2	0	0	0	0	38	35.5	1891	55	95	184	1.727	0.516	0.299	13.5	23.87
1926	40.9375	116.7370	-128.5	384	QQA2	0	0	0	0	57	35.5	1860	60	47	200	0.783	0.235	0.300	13.5	23.86
1927	40.9375	116.7376	-127.4	380	QQA2	0	0	0	0	53	35.4	1865	46	122	130	2.652	0.938	0.354	13.5	23.85
1928	40.9375	116.7381	-128.3	380	QQA2	0	0	0	0	44	35.4	1880	54	147	130	2.722	1.131	0.415	13.5	23.87
1929	40.9375	116.7387	-127.9	381	QQA2	0	0	0	0	45	35.4	1892	80	44	172	0.550	0.256	0.465	13.6	23.89
1930	40.9375	116.7392	-127.8	376	QQA2	0	0	0	0	47	35.3	1802	61	52	168	0.852	0.310	0.363	13.6	23.89
1931	40.9376	116.7398	-128.3	371	QQA2	0	0	0	0	44	35.2	1861	57	100	159	1.754	0.629	0.358	13.7	23.89
1932	40.9376	116.7403	-129.4	370	QQA2	0	0	0	0	43	35.2	1822	52	99	185	1.904	0.535	0.281	13.5	23.89
1933	40.9376	116.7408	-131.3	369	QQA2	0	0	0	0	41	35.2	1921	45	85	210	1.889	0.405	0.214	13.6	23.88
1934	40.9376	116.7414	-132.7	368	QQA2	0	0	0	0	43	35.1	1794	56	36	205	0.643	0.176	0.273	13.5	23.88
1935	40.9376	116.7419	-135.4	365	QQA2	0	0	0	0	47	35.1	1798	49	96	176	1.959	0.545	0.278	13.6	23.89
1936	40.9377	116.7425	-139.6	358	QQA2	0	0	0	0	55	34.9	1788	69	50	159	0.725	0.314	0.434	13.5	23.88
1937	40.9377	116.7430	-143.0	360	QQA2	0	0	0	0	52	34.9	1806	58	139	122	2.397	1.139	0.475	13.6	23.91
1938	40.9377	116.7436	-153.6	364	QQA2	0	0	0	0	38	35.0	1841	45	143	190	3.178	0.753	0.237	13.6	23.91
1939	40.9377	116.7441	-153.5	363	QQA2	0	0	0	0	57	33.5	1818	52	94	147	1.808	0.639	0.354	13.7	23.93
1940	40.9377	116.7447	-162.1	362	QA1	0	0	0	0	61	33.5	1852	42	202	124	4.810	1.629	0.339	13.6	23.89
1941	40.9377	116.7452	-166.7	366	QA1	0	0	0	0	32	33.6	1790	60	90	188	1.500	0.479	0.319	13.6	23.88
1942	40.9378	116.7458	-170.6	372	QA1	0	0	0	0	39	33.7	1839	65	111	153	1.708	0.725	0.425	13.5	23.87
1943	40.9378	116.7463	-173.6	379	QA1	0	0	0	0	50	33.8	1842	52	69	191	1.327	0.361	0.272	13.5	23.85
1944	40.9378	116.7469	-177.3	382	QA1	0	0	0	0	53	33.9	1779	37	144	151	3.892	0.954	0.245	13.5	23.87
1945	40.9378	116.7474	-179.8	389	QA1	0	0	0	0	45	34.0	1866	37	165	155	4.459	1.065	0.239	13.6	23.85

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1946	40.9378	116.7480	-183.2	395	QA1	0	0	0	0	48	34.2	1927	43	89	192	2.070	0.464	0.224	13.7	23.88
1947	40.9378	116.7485	-185.7	404	QA1	0	0	0	0	39	34.3	1881	52	135	154	2.596	0.877	0.338	13.6	23.88
1948	40.9379	116.7491	-188.6	410	QA1	0	0	0	0	59	34.5	1940	52	113	180	2.173	0.628	0.289	13.6	23.85
1949	40.9379	116.7496	-190.7	413	QA1	0	0	0	0	59	34.5	1993	68	85	174	1.250	0.489	0.391	13.6	23.85
1950	40.9379	116.7501	-191.1	415	QA1	0	0	0	0	48	34.6	1976	63	163	128	2.587	1.273	0.492	13.5	23.84
1951	40.9379	116.7507	-190.9	420	QA1	0	0	0	0	54	34.7	1933	48	117	203	2.438	0.576	0.236	13.5	23.85
1952	40.9379	116.7512	-190.8	425	QA1	0	0	0	0	43	34.8	1888	68	76	172	1.118	0.442	0.395	13.6	23.83
1953	40.9379	116.7518	-186.8	434	QA1	0	0	0	0	56	34.9	1944	41	136	183	3.317	0.743	0.224	13.6	23.84
1954	40.9380	116.7523	-182.9	439	QA1	0	0	0	0	39	35.0	1982	63	100	161	1.587	0.621	0.391	13.7	23.85
1955	40.9380	116.7529	-182.8	450	QA1	0	0	0	0	45	35.3	1946	51	114	202	2.235	0.564	0.252	13.8	23.86
1956	40.9380	116.7534	-177.1	450	QA1	0	0	0	0	42	35.2	1991	76	82	182	1.079	0.451	0.418	13.6	23.83
1957	40.9380	116.7540	-174.0	448	QA1	0	0	0	0	48	35.2	2048	67	72	222	1.075	0.324	0.302	13.6	23.79
1958	40.9380	116.7545	-172.2	446	QA1	0	0	0	0	44	34.6	2072	83	53	214	0.639	0.248	0.388	13.5	23.81
1959	40.9380	116.7551	-171.3	445	QA1	0	0	0	0	42	34.6	1968	55	120	152	2.182	0.789	0.362	13.5	23.81
1960	40.9381	116.7556	-169.9	451	QOA2	0	0	0	0	42	34.7	2000	65	88	177	1.354	0.497	0.367	13.5	23.80
1961	40.9381	116.7562	-168.8	459	QOA2	0	0	0	0	48	34.9	2007	60	124	153	2.067	0.810	0.392	13.6	23.82
1962	40.9381	116.7567	-167.1	465	QOA2	0	0	0	0	41	35.0	2051	56	112	196	2.000	0.571	0.286	13.6	23.81
1963	40.9381	116.7573	-164.7	474	QOA2	0	0	0	0	53	35.1	2017	62	141	163	2.274	0.865	0.380	13.6	23.81
1964	40.9381	116.7578	-164.3	474	QOA2	0	0	0	0	54	35.1	1976	57	147	135	2.579	1.089	0.422	13.5	23.80
1965	40.9381	116.7584	-162.5	471	QOA2	0	0	0	0	43	35.1	2048	60	100	191	1.667	0.524	0.314	13.5	23.78
1966	40.9382	116.7589	-160.1	468	QOA2	0	0	0	0	50	35.0	1975	82	68	163	0.829	0.417	0.503	13.5	23.78
1967	40.9382	116.7594	-161.3	468	QOA2	0	0	0	0	58	35.0	1985	67	138	154	2.060	0.896	0.435	13.5	23.78
1968	40.9382	116.7600	-159.4	464	QOA2	0	0	0	0	57	35.0	1983	63	102	140	1.619	0.729	0.450	13.5	23.80
1969	40.9382	116.7605	-159.1	466	QOA2	0	0	0	0	41	35.0	1906	62	100	163	1.613	0.613	0.380	13.6	23.82
1970	40.9382	116.7611	-155.7	464	QOA2	0	0	0	0	48	34.9	2063	72	138	130	1.917	1.062	0.554	13.6	23.81
1971	40.9382	116.7616	-155.6	463	QOA2	0	0	0	0	58	34.9	2001	46	174	155	3.783	1.123	0.297	13.6	23.82
1972	40.9383	116.7622	-155.8	454	QOA2	0	0	0	0	46	34.8	1889	57	119	132	2.088	0.902	0.432	13.5	23.81
1973	40.9383	116.7627	-148.1	444	QOA2	0	0	0	0	39	34.6	1959	65	119	150	1.831	0.793	0.433	13.4	23.80
1974	40.9383	116.7633	-145.8	435	QOA2	0	0	1	0	41	34.4	1938	78	27	212	0.346	0.127	0.368	13.4	23.79
1975	40.9383	116.7638	-143.2	429	QOA2	0	0	0	0	47	34.3	1929	59	112	157	1.898	0.713	0.376	13.4	23.81
1976	40.9383	116.7644	-142.0	420	QOA2	0	0	0	0	52	34.1	1983	57	134	152	2.351	0.882	0.375	13.4	23.83
1977	40.9384	116.7649	-140.1	415	QOA2	0	0	0	0	47	30.8	1933	55	115	217	2.091	0.530	0.253	13.5	23.86
1978	40.9384	116.7655	-136.9	404	QOA2	0	0	0	0	58	30.6	1861	60	44	195	0.733	0.226	0.308	13.5	23.86
1979	40.9384	116.7660	-131.8	395	QOA2	0	0	0	0	37	30.5	1841	48	103	201	2.146	0.512	0.239	13.4	23.86
1980	40.9384	116.7666	-130.3	388	QOA2	0	0	0	0	41	30.3	1887	60	107	164	1.783	0.652	0.366	13.4	23.85
1981	40.9384	116.7671	-124.7	383	QOA2	0	0	0	0	45	30.2	1951	61	109	172	1.787	0.634	0.355	13.3	23.83
1982	40.9384	116.7677	-119.9	380	QOA2	0	0	0	0	48	30.2	1914	48	147	164	3.063	0.896	0.293	13.3	23.85
1983	40.9385	116.7682	-109.8	378	QOA2	0	0	0	0	41	30.2	1833	55	98	194	1.782	0.505	0.284	13.4	23.87
1984	40.9385	116.7687	-110.9	377	QOA2	0	0	0	0	54	30.1	1946	59	135	153	2.288	0.882	0.386	13.4	23.84
1985	40.9385	116.7693	-108.3	378	QOA2	0	0	0	0	49	30.2	1930	55	110	212	1.964	0.519	0.264	13.4	23.86
1986	40.9385	116.7698	-107.2	382	QOA2	0	0	0	0	70	30.2	1939	57	99	137	1.737	0.723	0.416	13.4	23.85
1987	40.9385	116.7704	-107.0	384	QOA2	0	0	0	0	48	30.3	1932	57	98	178	1.719	0.551	0.320	13.5	23.87
1988	40.9385	116.7709	-108.4	384	QOA2	0	0	0	0	41	30.3	1871	48	71	193	1.479	0.368	0.249	13.4	23.86
1989	40.9386	116.7715	-110.1	378	QOA2	0	0	0	0	43	30.2	1863	58	88	181	1.517	0.486	0.320	13.3	23.84
1990	40.9386	116.7720	-111.8	374	QOA2	0	0	0	0	42	30.1	1861	59	109	167	1.847	0.653	0.353	13.3	23.82
1991	40.9386	116.7726	-113.7	373	QOA2	0	0	0	0	51	30.1	1946	63	159	175	2.524	0.909	0.360	13.3	23.81
1992	40.9386	116.7731	-116.6	373	QOA2	0	0	0	0	47	30.1	1878	63	142	117	2.254	1.214	0.538	13.3	23.82
1993	40.9386	116.7737	-118.2	375	QOA2	0	0	0	0	48	30.1	1907	71	133	130	1.873	1.023	0.546	13.4	23.84
1994	40.9386	116.7742	-119.3	380	QOA2	0	0	0	0	33	30.2	2022	58	134	182	2.310	0.736	0.319	13.4	23.85
1995	40.9387	116.7748	-118.4	382	QOA2	0	0	0	0	46	30.2	2086	72	112	200	1.556	0.560	0.360	13.4	23.87
1996	40.9387	116.7753	-119.1	385	QOA2	0	0	0	0	41	31.1	1994	57	48	270	0.842	0.178	0.211	13.4	23.84
1997	40.9387	116.7759	-116.7	388	QOA2	0	0	0	0	46	31.1	2014	57	107	201	1.877	0.532	0.284	13.3	23.83
1998	40.9387	116.7764	-112.8	387	QOA2	0	0	0	0	55	31.1	1999	63	98	158	1.556	0.620	0.399	13.3	23.80
1999	40.9387	116.7769	-111.0	385	QOA2	0	0	0	0	51	31.1	2071	73	125	173	1.712	0.723	0.422	13.4	23.8

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2000	40.9387	116.7775	-106.9	382	QOA2	0	0	0	0	44	31.0	1978	69	128	173	1.855	0.740	0.399	13.3	23.83
2001	40.9388	116.7780	-106.2	386	QOA2	0	0	0	0	57	31.1	2052	77	79	204	1.026	0.387	0.377	13.3	23.83
2002	40.9388	116.7786	-100.6	389	QOA2	0	0	0	0	64	31.2	2143	98	56	197	0.571	0.284	0.497	13.4	23.83
2003	40.9388	116.7791	-100.5	387	QOA2	0	0	0	0	46	31.1	2090	61	146	194	2.393	0.753	0.314	13.5	23.85
2004	40.9388	116.7797	-95.2	383	QOA2	0	0	0	0	47	31.0	2122	84	81	207	0.964	0.391	0.406	13.4	23.83
2005	40.9388	116.7802	-91.6	375	QOA2	0	0	0	0	42	30.9	2081	74	131	221	1.770	0.593	0.335	13.3	23.80
2006	40.9388	116.7808	-89.1	367	QOA2	0	0	0	0	45	30.7	2102	57	109	232	1.912	0.470	0.246	13.3	23.79
2007	40.9389	116.7813	-88.6	359	QOA2	0	0	0	0	63	30.6	2075	70	91	204	1.300	0.446	0.343	13.3	23.78
2008	40.9389	116.7819	-89.7	358	QOA2	0	0	0	0	33	30.6	2074	84	35	214	0.417	0.164	0.393	13.3	23.79
2009	40.9389	116.7824	-92.6	357	QOA2	0	0	0	0	38	30.6	2090	66	131	208	1.985	0.630	0.317	13.3	23.82
2010	40.9389	116.7830	-98.0	361	QOA2	0	0	0	0	53	30.6	2060	74	101	178	1.365	0.567	0.416	13.3	23.81
2011	40.9389	116.7835	-103.6	366	QOA2	0	0	0	0	54	30.7	2077	92	37	192	0.402	0.193	0.479	13.4	23.84
2012	40.9389	116.7841	-105.4	369	QOA2	0	0	0	0	57	30.8	2062	66	82	222	1.242	0.369	0.297	13.4	23.83
2013	40.9390	116.7846	-100.8	367	QOA2	0	0	0	0	56	30.7	2038	65	57	236	0.877	0.242	0.275	13.4	23.85
2014	40.9390	116.7852	-90.9	373	QOA2	0	0	0	0	52	30.9	2051	63	130	161	2.063	0.807	0.391	13.4	23.83
2015	40.9390	116.7857	-80.8	377	QOA2	0	0	0	0	49	29.3	2035	57	111	169	1.947	0.657	0.337	13.4	23.81
2016	40.9390	116.7862	-72.9	378	QOA2	0	0	0	0	62	29.3	1972	49	168	155	3.429	1.084	0.316	13.3	23.79
2017	40.9390	116.7868	-69.8	382	QOA2	0	0	0	0	58	29.3	1988	59	159	167	2.695	0.952	0.353	13.3	23.79
2018	40.9390	116.7873	-65.6	385	QOA2	0	0	0	0	46	29.4	1975	72	137	165	1.903	0.830	0.436	13.2	23.77
2019	40.9391	116.7879	-65.5	390	QOA2	0	0	0	0	49	29.5	2052	57	143	187	2.509	0.765	0.305	13.3	23.78
2020	40.9391	116.7884	-59.8	396	QOA2	0	0	0	0	36	29.6	1990	63	55	225	0.873	0.244	0.280	13.3	23.77
2021	40.9391	116.7890	-56.9	401	QOA2	0	0	0	0	42	29.7	1938	64	115	147	1.797	0.782	0.435	13.2	23.77
2022	40.9391	116.7895	-53.7	409	QOA2	0	0	0	0	46	29.8	1970	59	186	129	3.153	1.442	0.457	13.3	23.81
2023	40.9391	116.7901	-47.4	412	QOA2	0	0	0	0	40	29.9	2009	77	97	189	1.260	0.513	0.407	13.4	23.79
2024	40.9392	116.7906	-38.7	420	QOA2	0	0	0	0	60	30.0	2050	56	133	191	2.375	0.696	0.293	13.3	23.82
2025	40.9392	116.7912	-30.4	418	QOA2	0	0	0	0	38	30.0	1968	68	76	225	1.118	0.338	0.302	13.3	23.81
2026	40.9392	116.7917	-24.8	411	QOA2	0	0	0	0	43	29.8	1944	71	44	187	0.620	0.235	0.380	13.3	23.80
2027	40.9392	116.7923	-22.0	399	QOA2	0	0	0	0	38	29.6	2017	82	128	135	1.561	0.948	0.607	13.2	23.78
2028	40.9392	116.7928	-20.8	390	QOA2	0	0	0	0	52	29.5	1970	58	144	157	2.483	0.917	0.369	13.2	23.79
2029	40.9392	116.7934	-19.7	381	QOA2	0	0	0	0	52	29.3	2003	67	152	150	2.269	1.013	0.447	13.2	23.78
2030	40.9393	116.7939	-17.1	379	QOA2	0	0	0	0	32	29.3	1980	60	122	198	2.033	0.616	0.303	13.2	23.78
2031	40.9393	116.7945	-13.3	377	QOA2	0	0	0	0	49	29.3	1965	73	82	185	1.123	0.443	0.395	13.3	23.80
2032	40.9393	116.7950	-6.9	376	QOA2	0	0	0	0	48	29.2	1959	63	83	191	1.317	0.435	0.330	13.2	23.81
2033	40.9393	116.7955	-2.4	372	QOA2	0	0	0	0	41	29.1	2002	75	80	190	1.067	0.421	0.395	13.2	23.81
2034	40.9393	116.7961	0.9	366	QOA2	0	0	0	0	40	27.7	1991	70	132	172	1.886	0.767	0.407	13.3	23.80
2035	40.9393	116.7966	1.0	360	QOA2	0	0	0	0	52	27.6	2038	67	165	165	2.463	1.000	0.406	13.3	23.83
2036	40.9394	116.7972	-11.0	350	QOA2	0	0	0	0	43	27.4	1974	56	79	203	1.411	0.389	0.276	13.3	23.81
2037	40.9394	116.7977	-22.2	342	QOA2	0	0	0	0	55	27.2	1936	54	152	166	2.815	0.916	0.325	13.2	23.80
2038	40.9394	116.7983	-30.8	343	QOA2	0	0	0	0	44	27.3	1869	52	177	154	3.404	1.149	0.338	13.2	23.80
2039	40.9394	116.7988	-36.9	353	QOA2	0	0	0	0	52	27.4	2025	52	123	207	2.365	0.594	0.251	13.2	23.81
2040	40.9394	116.7994	-37.2	359	QOA2	0	0	0	0	60	27.5	1934	62	136	167	2.194	0.814	0.371	13.2	23.81
2041	40.9394	116.7999	-33.5	370	QOA2	0	0	0	0	55	27.7	1962	53	159	148	3.000	1.074	0.358	13.2	23.78
2042	40.9395	116.8005	-26.5	383	QOA2	0	0	0	0	38	28.0	2042	60	94	233	1.567	0.403	0.258	13.2	23.78
2043	40.9395	116.8010	-19.3	392	QOA2	0	0	0	0	58	28.1	1999	47	171	168	3.638	1.018	0.280	13.1	23.75
2044	40.9395	116.8016	-16.4	404	QOA2	0	0	0	0	43	28.3	1970	71	69	203	0.972	0.340	0.350	13.1	23.75
2045	40.9395	116.8021	-18.0	412	QOA2	0	0	0	0	51	28.4	2059	63	108	198	1.714	0.545	0.318	13.2	23.74
2046	40.9395	116.8027	-23.1	413	QOA2	0	0	0	0	64	28.5	1879	54	148	133	2.741	1.113	0.406	13.2	23.75
2047	40.9395	116.8032	-30.2	417	QOA2	0	0	0	0	50	28.5	1876	53	90	158	1.698	0.570	0.335	13.3	23.79
2048	40.9396	116.8038	-39.3	419	QOA2	0	0	0	0	47	28.5	1876	49	117	182	2.388	0.643	0.269	13.3	23.79
2049	40.9396	116.8043	-50.7	417	QOA2	0	0	0	0	45	28.5	1950	73	117	154	1.603	0.760	0.474	13.3	23.77
2050	40.9396	116.8048	-59.6	416	QOA2	0	0	0	0	51	28.5	1957	46	126	190	2.739	0.663	0.242	13.3	23.77
2051	40.9396	116.8054	-70.5	414	QOA2	0	0	0	0	48	28.5	1836	66	110	119	1.667	0.924	0.555	13.2	23.76
2052	40.9396	116.8059	-75.2	413	QOA2	0	0	0	0	34	28.5	1909	42	155	179	3.690	0.866	0.235	13.2	23.76
2053	40.9396	116.8065	-66.6	416	QOA2	0	0	0	0	43	28.2	1986	67	105	199	1.567	0.528	0.337	13.2	23.75

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2054	40.9397	116.8070	-52.1	426	QOA2	0	0	0	0	50	28.3	2040	74	103	167	1.392	0.617	0.443	13.2	23.75
2055	40.9397	116.8076	-37.7	439	QOA2	0	0	0	0	56	28.5	2031	49	171	157	3.490	1.089	0.312	13.2	23.75
2056	40.9397	116.8081	-27.0	439	QOA2	0	0	0	0	43	28.5	1942	79	111	169	1.405	0.657	0.467	13.3	23.76
2057	40.9397	116.8087	-14.7	434	QOA2	0	0	0	0	46	28.5	1897	58	107	175	1.845	0.611	0.331	13.3	23.77
2058	40.9397	116.8092	-2.6	438	QOA2	0	0	0	0	59	28.5	1921	67	119	155	1.776	0.768	0.432	13.3	23.81
2059	40.9397	116.8098	7.5	432	QOA2	0	0	0	0	36	28.4	2075	70	131	199	1.871	0.658	0.352	13.3	23.79
2060	40.9398	116.8103	13.0	419	QOA2	0	0	0	0	65	28.2	2014	65	44	219	0.677	0.201	0.297	13.3	23.81
2061	40.9398	116.8109	12.8	411	QOA2	0	0	0	0	51	28.1	2045	60	106	178	1.767	0.596	0.337	13.2	23.81
2062	40.9398	116.8114	10.6	412	QOA2	0	0	0	0	28	28.1	2063	84	115	164	1.369	0.701	0.512	13.2	23.77
2063	40.9398	116.8120	8.2	406	QOA2	0	0	0	0	48	28.0	2039	79	139	153	1.759	0.908	0.516	13.2	23.77
2064	40.9398	116.8125	7.0	403	QOA2	0	0	0	0	37	28.0	2035	74	122	175	1.649	0.697	0.423	13.2	23.79
2065	40.9399	116.8130	5.9	401	QOA2	0	0	0	0	41	27.9	1974	72	108	148	1.500	0.730	0.486	13.2	23.77
2066	40.9399	116.8136	2.2	396	QOA2	0	0	0	0	45	27.9	2078	53	166	168	3.132	0.988	0.315	13.2	23.79
2067	40.9399	116.8141	-2.2	393	QOA2	0	0	0	0	56	27.8	2057	62	109	186	1.758	0.586	0.333	13.2	23.79
2068	40.9399	116.8147	-14.4	390	QOA2	0	0	0	0	53	27.8	2009	61	88	205	1.443	0.429	0.298	13.3	23.80
2069	40.9399	116.8152	-18.1	385	QOA2	0	0	0	0	63	27.7	1948	67	79	191	1.179	0.414	0.351	13.3	23.80
2070	40.9399	116.8158	-21.5	382	QOA2	0	0	0	0	55	27.6	1971	87	85	163	0.977	0.521	0.534	13.3	23.83
2071	40.9400	116.8163	-24.6	380	QOA2	0	0	0	0	43	27.6	1984	61	92	200	1.508	0.460	0.305	13.3	23.81
2072	40.9400	116.8169	-27.0	384	QOA2	0	0	0	0	46	28.6	2030	54	133	183	2.463	0.727	0.295	13.3	23.82
2073	40.9400	116.8174	-29.1	386	QOA2	0	0	0	0	35	28.6	1973	69	108	194	1.565	0.557	0.356	13.2	23.80
2074	40.9400	116.8180	-31.2	387	QOA2	0	0	0	0	55	28.7	2015	64	106	170	1.656	0.624	0.376	13.3	23.79
2075	40.9400	116.8185	-33.9	388	QOA2	0	0	0	0	56	28.7	1940	49	143	136	2.918	1.051	0.360	13.2	23.78
2076	40.9400	116.8191	-36.5	386	QOA2	0	0	0	0	42	28.7	1923	67	118	148	1.761	0.797	0.453	13.1	23.77
2077	40.9401	116.8196	-40.2	385	QOA2	0	0	0	0	41	28.6	1919	62	132	137	2.129	0.964	0.453	13.1	23.77
2078	40.9401	116.8202	-41.1	387	QOA2	0	0	0	0	60	28.7	2046	53	183	150	3.453	1.220	0.353	13.1	23.76
2079	40.9401	116.8207	-43.0	387	QOA2	0	0	0	0	52	28.7	1871	58	95	150	1.638	0.633	0.387	13.1	23.76
2080	40.9401	116.8213	-43.8	393	QOA2	0	0	0	0	37	28.8	1987	81	75	190	0.926	0.395	0.426	13.2	23.76
2081	40.9401	116.8218	-43.7	397	QOA2	0	0	0	0	49	28.8	2079	60	148	161	2.467	0.919	0.373	13.2	23.77
2082	40.9401	116.8223	-42.3	398	QOA2	0	0	0	0	56	28.9	1986	64	121	164	1.891	0.738	0.390	13.3	23.78
2083	40.9402	116.8229	-42.2	399	QOA2	0	0	0	0	50	28.9	1957	74	106	140	1.432	0.757	0.529	13.3	23.78
2084	40.9402	116.8234	-41.2	406	QOA2	0	0	0	0	41	29.0	1991	69	78	171	1.130	0.456	0.404	13.2	23.77
2085	40.9402	116.8240	-42.8	414	QOA2	0	0	0	0	46	29.1	2047	69	103	205	1.493	0.502	0.337	13.2	23.75
2086	40.9402	116.8245	-43.9	418	QOA2	0	0	0	0	46	29.2	1917	65	88	164	1.354	0.537	0.396	13.2	23.75
2087	40.9402	116.8251	-42.8	415	QOA2	0	0	0	0	52	29.1	1956	71	160	95	2.254	1.684	0.747	13.1	23.73
2088	40.9402	116.8256	-43.3	413	QOA2	0	0	0	0	48	29.1	1993	64	142	171	2.219	0.830	0.374	13.1	23.70
2089	40.9403	116.8262	-43.6	412	QOA2	0	0	0	0	47	29.1	1965	56	163	145	2.911	1.124	0.386	13.1	23.71
2090	40.9403	116.8267	-42.6	410	QOA2	0	0	0	0	59	29.1	2003	64	99	172	1.547	0.576	0.372	13.1	23.73
2091	40.9403	116.8273	-43.0	405	QOA2	0	0	0	0	39	28.6	2113	90	51	199	0.567	0.256	0.452	13.2	23.74
2092	40.9403	116.8278	-44.4	404	QOA2	0	0	0	0	34	28.6	2211	86	164	164	1.907	1.000	0.524	13.1	23.75
2093	40.9403	116.8284	-44.3	403	QOA2	0	0	0	0	46	28.6	2151	60	179	163	2.983	1.098	0.368	13.2	23.76
2094	40.9403	116.8289	-43.4	402	QOA2	0	0	0	0	44	28.6	2215	76	104	218	1.368	0.477	0.349	13.2	23.79
2095	40.9404	116.8295	-44.1	402	QOA2	0	0	0	0	47	28.6	2244	81	146	179	1.802	0.816	0.453	13.2	23.80
2096	40.9404	116.8300	-43.7	398	QOA2	0	0	0	0	55	28.5	2143	55	130	211	2.364	0.616	0.261	13.2	23.79
2097	40.9404	116.8306	-43.9	400	QOA2	0	0	0	0	48	28.6	2117	92	71	208	0.772	0.341	0.442	13.1	23.79
2098	40.9404	116.8311	-44.0	400	TRF2	0	0	0	0	44	28.6	2095	60	205	144	3.417	1.424	0.417	13.1	23.77
2099	40.9404	116.8316	-45.1	408	TRF2	0	0	0	0	31	28.7	2161	76	206	138	2.711	1.493	0.551	13.1	23.75
2100	40.9404	116.8322	-49.4	415	TRF2	0	0	0	0	38	28.8	2170	75	155	175	2.067	0.836	0.429	13.1	23.74
2101	40.9405	116.8327	-51.8	420	TRF2	0	0	0	0	51	28.9	2147	84	108	200	1.286	0.540	0.420	13.1	23.72
2102	40.9405	116.8333	-56.1	428	TRF2	0	0	0	0	61	29.0	2151	74	137	146	1.851	0.938	0.507	13.0	23.70
2103	40.9405	116.8338	-59.2	429	TRF2	0	0	0	0	50	29.1	2264	89	159	178	1.787	0.893	0.500	13.0	23.69
2104	40.9405	116.8344	-62.4	430	TRF2	0	0	0	0	50	29.1	2363	104	99	226	0.952	0.438	0.460	13.0	23.67
2105	40.9405	116.8349	-62.7	430	TRF2	0	0	0	0	66	29.1	2196	88	89	192	1.011	0.464	0.458	13.0	23.65
2106	40.9405	116.8355	-61.9	429	TRF2	0	0	0	0	56	29.1	2230	98	143	111	1.459	1.288	0.883	13.1	23.67
2107	40.9406	116.8360	-60.3	430	TRF2	0	0	0	0	52	29.1	2190	78	153	184	1.962	0.832	0.424	13.0	23.66

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2108	40.9406	116.8366	-60.1	435	TRF2	0	0	0	0	60	29.1	2210	72	65	250	0.903	0.260	0.288	13.1	23.67
2109	40.9406	116.8371	-61.4	445	TRF2	0	0	0	0	38	29.3	2381	102	221	159	2.167	1.390	0.642	13.1	23.67
2110	40.9406	116.8377	-64.7	456	TRF2	0	0	0	0	60	29.8	2444	109	97	206	0.890	0.471	0.529	13.1	23.68
2111	40.9406	116.8382	-70.8	466	TRF2	0	0	0	0	55	30.0	2314	87	142	183	1.632	0.776	0.475	13.1	23.67
2112	40.9407	116.8388	-80.4	469	TRF2	0	0	0	0	43	30.0	2336	79	221	167	2.797	1.323	0.473	13.2	23.69
2113	40.9407	116.8393	-89.9	462	TRF2	0	0	0	0	52	29.9	2444	119	97	222	0.815	0.437	0.536	13.1	23.65
2114	40.9407	116.8399	-98.9	440	TRF2	0	0	0	0	37	29.6	2346	72	148	228	2.056	0.649	0.316	13.1	23.65
2115	40.9407	116.8404	-103.9	404	TRF2	0	0	0	0	41	29.0	2444	97	168	199	1.732	0.844	0.487	13.1	23.63
2116	40.9407	116.8409	-106.8	375	TRF2	0	0	0	0	51	28.5	2510	85	198	209	2.329	0.947	0.407	13.1	23.65
2117	40.9407	116.8415	-110.5	361	TRF2	0	0	0	0	58	28.2	2402	81	187	207	2.309	0.903	0.391	13.0	23.62
2118	40.9408	116.8420	-115.3	341	TRF2	0	0	0	0	63	27.9	2354	93	119	236	1.280	0.504	0.394	13.0	23.59
2119	40.9408	116.8426	-116.6	321	TRF2	0	0	0	0	55	27.5	2290	82	221	143	2.695	1.545	0.573	13.0	23.59
2120	40.9408	116.8431	-113.9	306	TRF2	0	0	0	0	52	27.2	2348	83	175	199	2.108	0.879	0.417	13.0	23.59
2121	40.9408	116.8437	-112.4	293	TRF2	0	0	0	0	57	27.0	2335	100	154	187	1.540	0.824	0.535	13.0	23.59
2122	40.9408	116.8442	-114.4	278	TRF2	0	0	0	0	47	26.7	2444	96	147	250	1.531	0.588	0.384	13.0	23.61
2123	40.9408	116.8448	-117.1	266	TRF2	0	0	0	0	55	26.5	2528	120	130	265	1.083	0.491	0.453	13.0	23.59
2124	40.9409	116.8453	-119.1	258	TRF2	0	0	0	0	60	26.3	2461	112	126	230	1.125	0.548	0.487	13.0	23.58
2125	40.9409	116.8459	-124.9	244	TRF2	0	0	0	0	46	26.0	2550	123	180	245	1.463	0.735	0.502	12.9	23.59
2126	40.9409	116.8464	-131.8	240	TRF2	0	0	0	0	52	25.9	2723	120	207	240	1.725	0.862	0.500	13.0	23.57
2127	40.9409	116.8470	-140.4	238	TRF2	0	0	0	0	55	25.9	2714	128	182	271	1.422	0.672	0.472	12.9	23.56
2128	40.9409	116.8475	-149.1	239	TRF2	0	0	0	0	58	25.9	2699	139	114	248	0.820	0.460	0.560	13.1	23.57
2129	40.9409	116.8481	-155.9	248	TRF2	0	0	0	0	47	23.8	2710	94	297	278	3.160	1.068	0.338	13.0	23.55
2130	40.9410	116.8486	-157.4	265	QF	0	0	0	0	48	24.1	2597	139	188	218	1.353	0.862	0.638	13.0	23.53
2131	40.9410	116.8492	-154.1	282	QF	0	0	0	0	51	24.5	2767	116	232	247	2.000	0.939	0.470	12.9	23.54
2132	40.9410	116.8497	-133.8	304	QF	0	0	0	0	44	24.8	2794	112	251	265	2.241	0.947	0.423	13.0	23.55
2133	40.9410	116.8502	-124.1	323	QF	0	0	0	0	45	25.1	2683	115	205	273	1.783	0.751	0.421	13.0	23.55
2134	40.9410	116.8508	-120.6	341	QF	0	0	0	0	46	25.5	2659	99	226	251	2.283	0.900	0.394	13.0	23.55
2135	40.9410	116.8513	-120.6	355	QF	0	0	0	0	50	25.7	2527	90	175	251	1.944	0.697	0.359	12.9	23.55
2136	40.9411	116.8519	-122.4	363	QF	0	0	0	0	58	25.8	2708	115	199	193	1.730	1.031	0.596	12.9	23.55
2137	40.9411	116.8524	-125.5	369	QF	0	0	0	0	54	25.9	2498	104	140	231	1.346	0.606	0.450	12.9	23.52
2138	40.9411	116.8530	-130.4	370	QF	0	0	0	0	53	25.9	2548	96	217	171	2.260	1.269	0.561	12.8	23.53
2139	40.9411	116.8535	-135.5	373	QF	0	0	0	0	46	26.0	2569	109	114	263	1.046	0.433	0.414	12.8	23.53
2140	40.9411	116.8541	-138.5	384	QF	0	0	0	0	53	26.1	2594	120	165	166	1.375	0.994	0.723	12.8	23.55
2141	40.9411	116.8546	-140.8	400	QF	0	0	0	0	38	26.4	2556	102	184	242	1.804	0.760	0.421	12.8	23.54
2142	40.9412	116.8552	-140.8	417	QF	0	0	0	0	42	26.7	2515	93	227	191	2.441	1.188	0.487	12.9	23.57
2143	40.9412	116.8557	-137.6	425	QF	0	0	0	0	66	26.8	2387	68	237	162	3.485	1.463	0.420	12.9	23.56
2144	40.9412	116.8563	-131.2	432	QF	0	0	0	0	45	26.9	2403	95	148	213	1.558	0.695	0.446	12.9	23.60
2145	40.9412	116.8568	-123.8	437	QF	0	0	0	0	45	27.0	2481	97	214	184	2.206	1.163	0.527	12.9	23.59
2146	40.9412	116.8574	-117.7	439	QF	0	0	0	0	61	27.0	2388	83	173	183	2.084	0.945	0.454	13.0	23.61
2147	40.9412	116.8579	-108.8	439	QF	0	0	0	0	61	27.0	2442	69	234	152	3.391	1.539	0.454	12.9	23.61
2148	40.9413	116.8585	-99.2	437	QF	0	0	0	0	42	30.9	2381	101	121	210	1.198	0.576	0.481	13.0	23.61
2149	40.9413	116.8590	-97.7	430	QF	0	0	0	0	51	30.8	2431	111	108	222	0.973	0.486	0.500	12.9	23.61
2150	40.9413	116.8595	-96.6	429	QF	0	0	0	0	47	30.8	2404	82	207	194	2.524	1.067	0.423	13.0	23.60
2151	40.9413	116.8601	-100.7	430	QF	0	0	0	0	50	30.8	2475	98	167	213	1.704	0.784	0.460	12.9	23.59
2152	40.9413	116.8606	-106.6	434	QF	0	0	0	0	46	30.9	2491	92	234	147	2.543	1.592	0.626	12.8	23.59
2153	40.9414	116.8612	-117.4	438	QF	0	0	1	0	41	31.0	2521	123	17	281	0.138	0.060	0.438	12.8	23.58
2154	40.9414	116.8617	-123.5	440	QF	0	0	0	0	40	31.0	2484	82	214	188	2.610	1.138	0.436	12.8	23.58
2155	40.9414	116.8621	-131.7	440	QF	0	0	0	0	57	31.0	2389	89	132	200	1.483	0.660	0.445	12.8	23.60
2156	40.9414	116.8624	-142.9	441	QF	0	0	0	0	51	31.0	2346	86	113	226	1.314	0.500	0.381	12.8	23.59
2157	40.9414	116.8628	-152.1	440	QF	0	0	0	0	51	31.0	2391	100	117	186	1.170	0.629	0.538	12.9	23.61
2158	40.9414	116.8632	-160.3	436	QF	0	0	0	0	62	30.9	2396	85	196	191	2.306	1.026	0.445	12.9	23.61
2159	40.9414	116.8635	-166.5	432	QF	0	0	0	0	46	30.9	2327	84	156	186	1.857	0.839	0.452	12.9	23.62
2160	40.9414	116.8639	-172.2	429	QF	0	0	0	0	52	30.8	2314	94	134	200	1.426	0.670	0.470	13.0	23.65
2161	40.9414	116.8642	-176.4	425	QF	0	0	0	0	42	30.7	2187	94	109	171	1.160	0.637	0.550	12.9	23.64

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2162	40.9414	116.8646	-178.5	431	QF	0	0	0	0	43	30.8	2242	72	212	142	2.944	1.493	0.507	12.9	23.66
2163	40.9414	116.8649	-178.9	440	QF	0	0	0	0	44	31.0	2265	99	90	183	0.909	0.492	0.541	12.9	23.65
2164	40.9414	116.8653	-172.9	455	QF	0	0	0	0	42	31.2	2315	90	127	196	1.411	0.648	0.459	13.0	23.65
2165	40.9415	116.8656	-170.0	467	QF	0	0	0	0	42	31.5	2358	97	121	200	1.247	0.605	0.485	13.0	23.65
2166	40.9415	116.8660	-167.1	455	QF	0	0	0	0	51	31.3	2207	60	233	154	3.883	1.513	0.390	12.9	23.64
2167	40.9415	116.8663	-164.4	438	QF	0	0	0	0	43	27.8	2195	79	149	175	1.886	0.851	0.451	12.9	23.63
2168	40.9415	116.8667	-164.4	426	QF	0	0	0	0	56	27.6	2208	89	91	189	1.022	0.481	0.471	12.8	23.63
2169	40.9415	116.8670	-164.1	424	QF	0	0	0	0	46	27.5	2113	74	158	170	2.135	0.929	0.435	12.8	23.63
2170	40.9415	116.8674	-163.7	431	QF	0	0	0	0	41	27.7	2217	65	125	197	1.923	0.635	0.330	12.8	23.63
2171	40.9415	116.8677	-160.1	441	QF	0	0	0	0	39	27.8	2104	81	88	223	1.086	0.395	0.363	12.8	23.66
2172	40.9415	116.8681	-155.3	431	QF	0	0	0	0	54	27.6	2126	71	133	176	1.873	0.756	0.403	12.8	23.66
2173	40.9415	116.8685	-151.1	417	QF	0	0	0	0	41	27.4	2080	83	121	151	1.458	0.801	0.550	12.8	23.67
2174	40.9415	116.8688	-149.3	414	QF	0	0	0	0	39	27.4	2196	87	98	210	1.126	0.467	0.414	12.9	23.67
2175	40.9415	116.8692	-151.5	407	QF	0	0	0	0	51	27.3	2107	68	144	169	2.118	0.852	0.402	12.9	23.69
2176	40.9415	116.8695	-154.5	399	QF	0	0	0	0	55	27.2	2142	68	149	203	2.191	0.734	0.335	12.9	23.71
2177	40.9415	116.8699	-156.1	387	QF	0	0	0	0	45	27.0	2135	54	191	206	3.537	0.927	0.262	12.9	23.71
2178	40.9415	116.8702	-155.8	378	QF	0	0	0	0	54	26.8	2161	58	205	170	3.534	1.206	0.341	12.9	23.71
2179	40.9416	116.8706	-164.8	366	QF	0	0	0	0	61	26.6	2213	81	138	183	1.704	0.754	0.443	12.9	23.71
2180	40.9416	116.8709	-164.8	358	QF	0	0	0	0	48	26.5	2165	66	142	197	2.152	0.721	0.335	12.8	23.72
2181	40.9416	116.8713	-170.8	353	QF	0	0	0	0	49	26.4	2242	85	158	181	1.859	0.873	0.470	12.8	23.71
2182	40.9416	116.8716	-170.4	358	QF	0	0	0	0	39	26.5	2103	62	151	177	2.435	0.853	0.350	12.8	23.71
2183	40.9416	116.8720	-169.9	352	QF	0	0	0	0	51	26.4	2058	57	161	188	2.825	0.856	0.303	12.8	23.71
2184	40.9416	116.8723	-169.2	343	QF	0	0	0	0	30	26.2	2097	66	132	206	2.000	0.641	0.320	12.8	23.68
2185	40.9416	116.8727	-169.2	335	QF	0	0	0	0	59	26.1	2096	65	120	209	1.846	0.574	0.311	12.8	23.68
2186	40.9416	116.8731	-168.4	329	QF	0	0	0	0	52	26.4	2148	77	213	174	2.766	1.224	0.443	12.9	23.72
2187	40.9416	116.8734	-169.2	340	QF	0	0	0	0	37	26.6	2219	76	201	174	2.645	1.155	0.437	12.9	23.72
2188	40.9416	116.8738	-166.5	356	QF	0	0	0	0	42	26.9	2229	84	117	209	1.393	0.560	0.402	12.9	23.73
2189	40.9416	116.8741	-156.2	353	QF	0	0	0	0	54	25.8	2092	66	139	180	2.106	0.772	0.367	12.9	23.72
2190	40.9416	116.8745	-147.3	341	QF	0	0	0	0	54	26.6	2100	59	153	153	2.593	1.000	0.386	12.9	23.74
2191	40.9416	116.8748	-142.7	334	QF	0	0	0	0	50	26.5	1926	75	152	153	2.027	0.993	0.490	13.0	23.74
2192	40.9417	116.8752	-142.8	323	QF	0	0	0	0	58	26.3	2012	53	109	216	2.057	0.505	0.245	13.0	23.75
2193	40.9417	116.8755	-155.6	307	QF	0	0	0	0	55	26.0	2040	78	146	158	1.872	0.924	0.494	13.0	23.77
2194	40.9417	116.8759	-179.3	304	QF	0	0	0	0	42	26.0	1974	72	126	154	1.750	0.818	0.468	13.0	23.76
2195	40.9417	116.8762	-202.7	306	QF	0	0	0	0	55	26.0	2008	61	157	168	2.574	0.935	0.363	13.0	23.76
2196	40.9417	116.8766	-218.5	293	QF	0	0	0	0	44	25.8	2064	62	129	224	2.081	0.576	0.277	13.1	23.77
2197	40.9417	116.8769	-221.7	282	QF	0	0	0	0	58	25.6	2102	57	178	178	3.123	1.000	0.320	13.1	23.77
2198	40.9417	116.8773	-212.2	277	QF	0	0	0	0	60	25.5	2123	70	203	153	2.900	1.327	0.458	13.0	23.77
2199	40.9417	116.8777	-188.4	276	QF	0	0	0	0	42	25.5	2105	72	181	149	2.514	1.215	0.483	13.0	23.75
2200	40.9417	116.8780	-161.0	252	QF	0	0	0	0	47	25.0	2113	94	159	171	1.691	0.930	0.550	13.0	23.76
2201	40.9417	116.8784	-133.8	245	QF	0	0	0	0	39	24.9	2126	77	186	200	2.416	0.930	0.385	13.0	23.77
2202	40.9417	116.8787	-113.9	253	QF	0	0	0	0	40	25.0	2321	97	157	202	1.619	0.777	0.480	13.0	23.76
2203	40.9417	116.8791	-104.9	271	QF	0	0	0	0	47	25.4	2363	87	210	211	2.414	0.995	0.412	13.0	23.77
2204	40.9417	116.8794	-102.5	281	QF	0	0	0	0	47	25.5	2326	104	155	197	1.490	0.787	0.528	13.0	23.76
2205	40.9418	116.8798	-100.3	265	QF	0	0	0	0	44	26.0	2272	84	120	270	1.429	0.444	0.311	13.1	23.79
2206	40.9418	116.8801	-103.9	241	QF	0	0	0	0	44	25.5	2328	93	199	184	2.140	1.082	0.505	13.1	23.78
2207	40.9418	116.8805	-114.7	228	QF	0	0	0	0	55	25.3	2409	102	179	241	1.755	0.743	0.423	13.1	23.80
2208	40.9418	116.8808	-121.8	234	QF	0	0	0	0	67	25.4	2490	82	233	232	2.841	1.004	0.353	13.1	23.81
2209	40.9418	116.8812	-121.6	257	QF	0	0	0	0	34	25.8	2463	85	286	210	3.365	1.362	0.405	13.2	23.79
2210	40.9418	116.8815	-115.0	256	QF	0	0	0	0	44	25.8	2490	87	207	234	2.379	0.885	0.372	13.1	23.81
2211	40.9418	116.8819	-111.8	247	QF	0	0	0	0	61	25.7	2523	98	236	219	2.408	1.078	0.447	13.1	23.78
2212	40.9418	116.8823	-117.6	260	QF	0	0	0	0	54	25.9	2638	112	215	210	1.920	1.024	0.533	13.1	23.78
2213	40.9418	116.8826	-144.9	276	QF	0	0	0	0	51	26.2	2554	86	237	230	2.756	1.030	0.374	13.1	23.77
2214	40.9418	116.8830	-154.0	283	QF	0	0	0	0	43	26.4	2565	115	166	243	1.443	0.683	0.473	13.1	23.75
2215	40.9418	116.8833	-153.3	292	QF	0	0	0	0	58	26.5	2652	98	260	217	2.653	1.198	0.452	13.1	23.75

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2216	40.9418	116.8837	-152.1	314	QF	0	0	0	0	69	26.9	2644	113	164	219	1.451	0.749	0.516	13.1	23.74
2217	40.9418	116.8840	-154.3	339	QF	0	0	0	0	48	27.4	2605	104	204	225	1.962	0.907	0.462	13.1	23.72
2218	40.9418	116.8844	-160.2	344	QF	0	0	0	0	46	27.5	2576	99	130	288	1.313	0.451	0.344	13.1	23.76
2219	40.9419	116.8847	-169.0	351	QF	0	0	0	0	51	27.6	2498	101	128	246	1.267	0.520	0.411	13.1	23.77
2220	40.9419	116.8851	-180.7	352	QF	0	0	0	0	60	27.6	2487	95	160	190	1.684	0.842	0.500	13.0	23.78
2221	40.9419	116.8854	-192.7	345	QF	0	0	0	0	43	27.5	2450	83	192	227	2.313	0.846	0.366	13.1	23.78
2222	40.9419	116.8858	-201.2	342	QF	0	0	0	0	52	27.4	2317	91	161	189	1.769	0.852	0.481	13.1	23.80
2223	40.9419	116.8861	-207.8	342	QF	0	0	0	0	56	27.4	2296	103	64	242	0.621	0.264	0.426	13.1	23.82
2224	40.9419	116.8865	-215.0	346	QF	0	0	0	0	53	26.8	2272	83	181	166	2.181	1.090	0.500	13.1	23.82
2225	40.9419	116.8869	-222.4	351	QF	0	0	0	0	36	26.8	2385	96	171	187	1.781	0.914	0.513	13.2	23.85
2226	40.9419	116.8872	-226.8	349	QF	0	0	0	0	41	26.8	2351	86	172	222	2.000	0.775	0.387	13.1	23.83
2227	40.9419	116.8876	-229.8	347	QF	0	0	0	0	44	26.8	2304	96	150	186	1.563	0.806	0.516	13.2	23.85
2228	40.9419	116.8879	-229.7	347	QF	0	0	0	0	49	26.8	2248	104	54	211	0.519	0.256	0.493	13.2	23.85
2229	40.9419	116.8883	-219.4	348	QF	0	0	0	0	38	26.8	2319	70	190	203	2.714	0.936	0.345	13.3	23.87
2230	40.9419	116.8886	-211.5	348	QF	0	0	0	0	45	26.8	2459	97	227	167	2.340	1.359	0.581	13.2	23.86
2231	40.9419	116.8890	-203.4	356	QF	0	0	0	0	51	26.9	2372	92	155	219	1.685	0.708	0.420	13.1	23.85
2232	40.9420	116.8893	-201.1	357	QF	0	0	0	0	55	26.9	2394	65	230	173	3.538	1.329	0.376	13.1	23.85
2233	40.9420	116.8897	-204.8	348	QF	0	0	0	0	37	26.8	2227	80	133	215	1.662	0.619	0.372	13.1	23.85
2234	40.9420	116.8900	-213.1	338	QF	0	0	0	0	41	26.6	2166	72	164	169	2.278	0.970	0.426	13.1	23.86
2235	40.9420	116.8904	-219.1	329	QF	0	0	0	0	40	26.5	2122	56	183	189	3.268	0.968	0.296	13.1	23.88
2236	40.9420	116.8907	-218.2	332	QF	0	0	0	0	43	26.5	2140	71	134	202	1.887	0.663	0.351	13.0	23.87
2237	40.9420	116.8911	-210.7	334	QF	0	0	0	0	42	26.5	2149	89	93	192	1.045	0.484	0.464	13.0	23.86
2238	40.9420	116.8915	-204.2	342	QF	0	0	0	0	47	26.7	2138	83	56	236	0.675	0.237	0.352	13.0	23.87
2239	40.9420	116.8918	-201.3	352	QF	0	0	0	0	50	26.9	2209	78	112	201	1.436	0.557	0.388	13.0	23.87
2240	40.9420	116.8922	-204.8	351	QF	0	0	0	0	41	26.8	2132	77	134	205	1.740	0.654	0.376	13.0	23.87
2241	40.9420	116.8925	-207.1	360	QF	0	0	0	0	41	27.0	2253	90	111	197	1.233	0.563	0.457	13.0	23.90
2242	40.9420	116.8929	-207.0	365	QF	0	0	0	0	47	27.1	2252	53	151	239	2.849	0.632	0.222	12.9	23.86
2243	40.9420	116.8932	-201.1	376	QF	0	0	0	0	52	29.4	2203	70	218	156	3.114	1.397	0.449	13.0	23.88
2244	40.9420	116.8936	-195.7	381	QF	0	0	0	0	53	29.5	2275	71	138	216	1.944	0.639	0.329	13.0	23.87
2245	40.9420	116.8939	-195.6	383	QF	0	0	0	0	49	29.5	2257	78	178	161	2.282	1.106	0.484	13.0	23.87
2246	40.9421	116.8943	-202.1	384	QF	0	0	0	0	43	29.5	2219	85	100	219	1.176	0.457	0.388	13.0	23.87
2247	40.9421	116.8946	-212.2	386	QF	0	0	0	0	43	29.5	2238	61	218	176	3.574	1.239	0.347	13.0	23.85
2248	40.9421	116.8950	-224.7	384	QF	0	0	0	0	53	29.5	2140	90	101	156	1.122	0.647	0.577	13.0	23.85
2249	40.9421	116.8953	-237.4	380	QF	0	0	0	0	40	29.4	2226	75	155	227	2.067	0.683	0.330	13.0	23.84
2250	40.9421	116.8957	-241.1	373	QF	0	0	0	0	49	29.3	2166	72	127	190	1.764	0.668	0.379	13.0	23.83
2251	40.9421	116.8961	-229.9	363	QF	0	0	0	0	50	29.1	2137	51	169	220	3.314	0.768	0.232	12.9	23.85
2252	40.9421	116.8964	-211.4	350	QF	0	0	0	0	52	28.9	2187	73	141	192	1.932	0.734	0.380	12.9	23.85
2253	40.9421	116.8968	-196.2	341	QF	0	0	0	0	53	28.7	2121	80	94	214	1.175	0.439	0.374	12.8	23.83
2254	40.9421	116.8971	-187.3	342	QF	0	0	0	0	42	28.7	2115	68	169	180	2.485	0.939	0.378	12.8	23.84
2255	40.9421	116.8975	-184.2	344	QF	0	0	0	0	56	28.8	2091	69	102	171	1.478	0.596	0.404	12.8	23.83
2256	40.9421	116.8978	-184.9	346	QF	0	0	0	0	60	28.8	2173	48	168	227	3.500	0.740	0.211	12.8	23.83
2257	40.9421	116.8982	-191.5	350	QF	0	0	0	0	46	28.9	2164	50	186	211	3.720	0.882	0.237	12.8	23.84
2258	40.9421	116.8985	-203.4	354	QF	0	0	0	0	53	29.0	2090	59	153	194	2.593	0.789	0.304	12.8	23.83
2259	40.9422	116.8989	-215.9	358	QF	0	0	0	0	45	29.0	2207	85	106	208	1.247	0.510	0.409	12.8	23.83
2260	40.9422	116.8992	-212.9	366	QF	0	0	0	0	40	29.2	2308	77	207	189	2.688	1.095	0.407	12.8	23.83
2261	40.9422	116.8996	-212.8	371	QF	0	0	0	0	37	29.3	2379	112	180	149	1.607	1.208	0.752	12.8	23.83
2262	40.9422	116.8999	-189.0	367	QF	0	0	0	0	53	28.3	2383	75	169	213	2.253	0.793	0.352	12.8	23.83
2263	40.9422	116.9003	-186.4	370	QF	0	0	0	0	38	28.3	2342	94	96	255	1.021	0.376	0.369	12.8	23.83
2264	40.9422	116.9007	-192.8	374	QF	0	0	0	0	58	28.4	2447	78	233	224	2.987	1.040	0.348	12.8	23.81
2265	40.9422	116.9010	-208.2	380	QF	0	0	0	0	38	28.5	2345	77	168	228	2.182	0.737	0.338	12.8	23.81
2266	40.9422	116.9014	-230.9	381	QF	0	0	0	0	46	28.5	2353	92	209	174	2.272	1.201	0.529	12.8	23.82
2267	40.9422	116.9017	-257.3	385	QF	0	0	0	0	34	28.6	2342	85	115	266	1.353	0.432	0.320	12.8	23.84
2268	40.9422	116.9021	-280.3	380	QF	0	0	0	0	48	28.5	2387	73	218	202	2.986	1.079	0.361	12.8	23.83
2269	40.9422	116.9024	-296.0	375	QF	0	0	0	0	48	28.4	2337	82	92	257	1.122	0.358	0.319	12.8	23.85

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2270	40.9422	116.9028	-303.4	371	QF	0	0	0	0	36	28.3	2210	91	84	217	0.923	0.387	0.419	12.8	23.85
2271	40.9422	116.9031	-303.6	369	QF	0	0	0	0	34	28.3	2204	74	137	194	1.851	0.706	0.381	12.8	23.85
2272	40.9422	116.9035	-301.3	371	QF	0	0	0	0	50	28.3	2147	63	147	186	2.333	0.790	0.339	12.8	23.85
2273	40.9423	116.9038	-301.2	376	QF	0	0	0	0	43	28.4	2164	66	109	209	1.652	0.522	0.316	12.9	23.87
2274	40.9423	116.9042	-304.1	377	QF	0	0	0	0	39	28.4	2225	81	105	199	1.296	0.528	0.407	12.9	23.86
2275	40.9423	116.9045	-301.8	376	QF	0	0	0	0	61	28.4	2203	71	174	192	2.451	0.906	0.370	12.9	23.85
2276	40.9423	116.9049	-297.4	377	QF	0	0	0	0	48	28.4	2338	68	166	197	2.441	0.843	0.345	12.9	23.86
2277	40.9423	116.9053	-292.1	379	QF	0	0	0	0	35	28.5	2240	76	86	240	1.132	0.358	0.317	12.9	23.85
2278	40.9423	116.9056	-279.3	377	QF	0	0	0	0	37	28.4	2305	74	181	173	2.446	1.046	0.428	13.0	23.86
2279	40.9423	116.9060	-272.7	376	QF	0	0	0	0	57	28.4	2272	86	112	239	1.302	0.469	0.360	12.9	23.85
2280	40.9423	116.9063	-267.4	374	QF	0	0	0	0	34	28.4	2325	101	49	239	0.485	0.205	0.423	12.9	23.86
2281	40.9423	116.9067	-265.1	372	QF	0	0	0	0	30	28.6	2204	74	169	191	2.284	0.885	0.387	12.9	23.86
2282	40.9423	116.9070	-265.8	372	QF	0	0	0	0	46	28.6	2330	83	135	223	1.627	0.605	0.372	12.9	23.85
2283	40.9423	116.9074	-267.2	373	QF	0	0	0	0	41	28.6	2508	89	259	153	2.910	1.693	0.582	12.8	23.86
2284	40.9423	116.9077	-266.4	374	QF	0	0	0	0	51	28.6	2366	89	114	227	1.281	0.502	0.392	12.8	23.87
2285	40.9423	116.9081	-268.1	374	QF	0	0	0	0	64	28.6	2372	95	151	219	1.589	0.689	0.434	12.8	23.87
2286	40.9424	116.9084	-271.5	375	QF	0	0	0	0	31	28.6	2366	95	77	220	0.811	0.350	0.432	12.8	23.87
2287	40.9424	116.9088	-276.7	372	QF	0	0	0	0	41	28.6	2394	76	175	205	2.303	0.854	0.371	12.8	23.86
2288	40.9424	116.9091	-280.8	374	QF	0	0	0	0	45	28.6	2390	99	154	205	1.556	0.751	0.483	12.8	23.87
2289	40.9424	116.9095	-282.3	375	QF	0	0	0	0	61	28.6	2339	85	173	198	2.035	0.874	0.429	12.8	23.87
2290	40.9424	116.9099	-282.9	378	TRF2	0	0	0	0	51	28.6	2439	90	164	213	1.822	0.770	0.423	12.8	23.88
2291	40.9424	116.9102	-281.8	379	TRF2	0	0	0	0	34	28.7	2347	81	114	215	1.407	0.530	0.377	12.7	23.86
2292	40.9424	116.9106	-278.8	379	TRF2	0	0	0	0	37	28.7	2288	86	116	213	1.349	0.545	0.404	12.8	23.86
2293	40.9424	116.9109	-273.9	381	TRF2	0	0	0	0	39	28.7	2306	76	170	178	2.237	0.955	0.427	12.7	23.84
2294	40.9424	116.9113	-262.6	379	TRF2	0	0	0	0	58	28.7	2371	74	148	224	2.000	0.661	0.330	12.7	23.85
2295	40.9424	116.9116	-257.8	377	TRF2	0	0	0	0	46	28.6	2306	79	158	186	2.000	0.849	0.425	12.7	23.83
2296	40.9424	116.9120	-255.5	378	TRF2	0	0	0	0	48	28.7	2225	61	140	239	2.295	0.586	0.255	12.7	23.84
2297	40.9424	116.9123	-253.6	380	TRF2	0	0	0	0	45	28.7	2277	84	143	168	1.702	0.851	0.500	12.7	23.84
2298	40.9424	116.9127	-252.6	378	TRF2	0	0	0	0	51	28.7	2207	77	123	235	1.597	0.523	0.328	12.7	23.85
2299	40.9425	116.9130	-251.0	379	TRF2	0	0	0	0	54	28.7	2218	91	147	157	1.615	0.936	0.580	12.7	23.83
2300	40.9425	116.9134	-249.4	379	TRF2	0	0	0	0	52	29.1	2219	78	159	155	2.038	1.026	0.503	12.7	23.85
2301	40.9425	116.9137	-245.9	378	TRF2	0	0	0	0	59	29.1	2253	74	164	181	2.216	0.906	0.409	12.7	23.85
2302	40.9425	116.9141	-243.8	380	TRF2	0	0	0	0	52	29.1	2255	94	99	190	1.053	0.521	0.495	12.7	23.85
2303	40.9425	116.9145	-240.7	379	TRF2	0	0	0	0	47	29.1	2329	82	142	209	1.732	0.679	0.392	12.7	23.83
2304	40.9425	116.9148	-238.4	381	TRF2	0	0	0	0	43	29.1	2228	101	125	162	1.238	0.772	0.623	12.7	23.84
2305	40.9425	116.9152	-237.0	380	TRF2	0	0	0	0	62	29.1	2325	93	128	227	1.376	0.564	0.410	12.7	23.83
2306	40.9425	116.9155	-237.5	378	TRF2	0	0	0	0	58	29.1	2214	66	151	238	2.288	0.634	0.277	12.7	23.84
2307	40.9425	116.9159	-240.5	371	TRF2	0	0	0	0	46	28.9	2438	88	160	197	1.818	0.812	0.447	12.6	23.83
2308	40.9425	116.9162	-245.4	368	TRF2	0	0	0	0	47	28.9	2329	87	74	230	0.851	0.322	0.378	12.5	23.82
2309	40.9425	116.9166	-252.1	368	TRF2	0	0	0	0	51	28.9	2345	89	151	242	1.697	0.624	0.368	12.5	23.81
2310	40.9425	116.9169	-269.5	373	TRF2	0	0	0	0	40	29.0	2445	98	166	214	1.694	0.776	0.458	12.5	23.84
2311	40.9425	116.9173	-278.9	378	TRF2	0	0	0	0	32	29.1	2306	67	189	194	2.821	0.974	0.345	12.5	23.81
2312	40.9425	116.9176	-290.0	384	TRF2	0	0	0	0	45	29.2	2241	91	146	219	1.604	0.667	0.416	12.5	23.81
2313	40.9426	116.9180	-300.5	381	TRF2	0	0	0	0	43	29.1	2178	99	133	170	1.343	0.782	0.582	12.5	23.81
2314	40.9426	116.9183	-308.9	381	TRF2	0	0	0	0	52	29.1	2163	76	147	157	1.934	0.936	0.484	12.4	23.81
2315	40.9426	116.9187	-315.1	381	TRF2	0	0	0	0	49	29.1	2131	88	115	158	1.307	0.728	0.557	12.4	23.79
2316	40.9426	116.9191	-315.3	379	TRF2	0	0	0	0	40	29.1	2096	79	108	188	1.367	0.574	0.420	12.4	23.79
2317	40.9426	116.9194	-307.7	374	TRF2	0	0	0	0	58	29.0	2078	84	79	186	0.940	0.425	0.452	12.4	23.78
2318	40.9426	116.9198	-294.4	373	TRF2	0	0	0	0	65	29.0	2116	66	116	191	1.758	0.607	0.346	12.4	23.78
2319	40.9426	116.9201	-276.3	374	TRF2	0	0	0	0	38	25.0	2078	90	120	182	1.333	0.659	0.495	12.3	23.77
2320	40.9426	116.9205	-258.8	371	TRF2	0	0	0	0	43	24.9	2139	62	130	203	2.097	0.640	0.305	12.3	23.76
2321	40.9426	116.9208	-246.2	370	TRF2	0	0	0	0	63	24.9	2035	78	113	161	1.449	0.702	0.484	12.3	23.76
2322	40.9426	116.9212	-238.6	373	TRF2	0	0	0	0	33	24.9	2028	57	183	172	3.211	1.064	0.331	12.2	23.76
2323	40.9426	116.9215	-235.0	377	TRF2	0	0	0	0	49	25.0	2038	83	122	153	1.470	0.797	0.542	12.2	23.75

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2324	40.9426	116.9219	-228.7	375	TRF2	0	0	0	0	58	25.0	2002	56	144	162	2.571	0.889	0.346	12.2	23.74
2325	40.9426	116.9222	-216.1	374	TRF2	0	0	0	0	50	25.0	2006	70	122	176	1.743	0.693	0.398	12.2	23.73
2326	40.9427	116.9226	-175.5	381	TRF2	0	0	0	0	41	25.1	2019	61	141	175	2.311	0.806	0.349	12.2	23.78
2327	40.9427	116.9229	-153.2	383	TRF2	0	0	0	0	56	25.1	2042	69	87	222	1.261	0.392	0.311	12.1	23.73
2328	40.9427	116.9233	-141.1	387	TRF2	0	0	0	0	39	25.2	2045	67	99	198	1.478	0.500	0.338	12.1	23.73
2329	40.9427	116.9236	-140.5	386	TRF2	0	0	0	0	50	25.1	1971	66	84	185	1.273	0.454	0.357	12.0	23.73
2330	40.9427	116.9240	-146.7	378	TRF2	0	0	0	0	63	25.0	2044	58	117	165	2.017	0.709	0.352	12.0	23.72
2331	40.9427	116.9244	-151.9	376	TRF2	0	0	0	0	39	25.0	2006	64	169	173	2.641	0.977	0.370	12.0	23.71
2332	40.9427	116.9247	-151.3	380	TRF2	0	0	0	0	40	25.1	2050	65	144	158	2.215	0.911	0.411	11.9	23.71
2333	40.9427	116.9251	-142.7	384	TRF2	0	0	0	0	40	25.1	1957	65	150	134	2.308	1.119	0.485	11.9	23.71
2334	40.9427	116.9254	-132.1	389	TRF2	0	0	0	0	60	25.2	2017	49	133	184	2.714	0.723	0.266	11.9	23.69
2335	40.9427	116.9258	-122.4	381	TRF2	0	0	0	0	52	25.1	1931	66	133	161	2.015	0.826	0.410	11.9	23.69
2336	40.9427	116.9261	-120.4	365	TRF2	0	0	0	0	45	24.8	2157	93	97	188	1.043	0.516	0.495	11.9	23.71
2337	40.9427	116.9265	-123.2	351	TRF2	0	0	0	0	51	24.6	2202	87	149	172	1.713	0.866	0.506	11.9	23.71
2338	40.9427	116.9268	-132.2	342	TRF2	0	0	0	0	55	19.6	2170	71	170	196	2.394	0.867	0.362	11.9	23.73
2339	40.9427	116.9272	-143.9	337	TRF2	0	0	0	0	42	19.6	2291	79	219	198	2.772	1.106	0.399	11.9	23.70
2340	40.9428	116.9275	-152.1	336	TRF2	0	0	0	0	64	19.6	2307	74	208	185	2.811	1.124	0.400	11.9	23.69
2341	40.9428	116.9279	-161.5	337	TRF2	0	0	0	0	58	19.6	2315	96	178	175	1.854	1.017	0.549	11.9	23.67
2342	40.9428	116.9282	-161.5	337	TRF2	0	0	0	0	67	19.6	2401	114	100	208	0.877	0.481	0.548	11.9	23.67
2343	40.9428	116.9286	-183.1	339	TRF2	0	0	0	0	39	19.6	2382	71	247	228	3.479	1.083	0.311	11.9	23.63
2344	40.9428	116.9290	-184.0	349	TRF2	0	0	0	0	47	19.7	2382	91	181	203	1.989	0.892	0.448	11.8	23.62
2345	40.9428	116.9293	-177.7	372	TRF2	0	0	0	0	47	20.0	2580	118	141	190	1.195	0.742	0.621	11.8	23.63
2346	40.9428	116.9297	-167.6	409	TRF2	0	0	0	0	46	20.5	2515	111	136	221	1.225	0.615	0.502	11.9	23.60
2347	40.9428	116.9300	-159.4	457	TRF2	0	0	0	0	53	21.0	2604	82	271	191	3.305	1.419	0.429	11.9	23.59
2348	40.9428	116.9304	-155.5	487	TRF2	0	0	0	0	49	21.4	2689	100	182	261	1.820	0.697	0.383	11.9	23.59
2349	40.9428	116.9307	-158.7	489	TRF2	0	0	0	0	47	21.4	2567	107	170	237	1.589	0.717	0.451	11.9	23.59
2350	40.9428	116.9311	-169.1	454	TRF2	0	0	0	0	51	21.0	2410	91	117	235	1.286	0.498	0.387	12.0	23.59
2351	40.9428	116.9314	-183.2	408	TRF2	0	0	0	0	43	20.5	2323	73	201	202	2.753	0.995	0.361	11.9	23.59
2352	40.9428	116.9318	-200.1	384	TRF2	0	0	0	0	39	20.2	2128	77	170	170	2.208	1.000	0.453	11.9	23.59
2353	40.9429	116.9321	-212.9	375	TRF2	0	0	0	0	56	20.1	2086	67	154	199	2.299	0.774	0.337	11.9	23.59
2354	40.9429	116.9325	-213.8	371	TRF2	0	0	0	0	56	20.0	2133	79	93	193	1.177	0.482	0.409	11.9	23.59
2355	40.9429	116.9328	-206.4	355	TRF2	0	0	0	0	60	19.8	2082	69	100	220	1.449	0.455	0.314	11.8	23.58
2356	40.9429	116.9332	-195.2	342	TRF2	0	0	0	0	51	19.6	2203	71	186	205	2.620	0.907	0.346	11.8	23.59
2357	40.9429	116.9336	-189.2	331	TRF2	0	0	0	0	39	16.2	2160	78	107	252	1.372	0.425	0.310	11.9	23.59
2358	40.9429	116.9339	-189.2	321	TRF2	0	0	0	0	48	16.1	2253	73	143	226	1.959	0.633	0.323	11.8	23.57
2359	40.9429	116.9343	-186.2	314	TRF2	0	0	0	0	68	16.1	2397	96	185	239	1.927	0.774	0.402	11.8	23.58
2360	40.9429	116.9346	-193.4	306	TRF2	0	0	0	0	43	16.0	2349	102	246	181	2.412	1.359	0.564	11.7	23.57
2361	40.9429	116.9350	-199.4	301	TRF2	0	0	0	0	53	15.9	2561	116	168	231	1.448	0.727	0.502	11.7	23.57
2362	40.9429	116.9353	-199.6	301	TRF2	0	0	0	0	52	15.9	2709	120	213	229	1.775	0.930	0.524	11.7	23.57
2363	40.9429	116.9357	-196.5	299	TRF2	0	0	0	0	45	15.9	2660	131	201	207	1.534	0.971	0.633	11.6	23.58
2364	40.9429	116.9360	-192.7	295	TRF2	0	0	0	0	55	15.8	2614	91	310	235	3.407	1.319	0.387	11.6	23.57
2365	40.9429	116.9364	-190.7	292	TRF2	0	0	0	0	59	15.8	2651	122	150	276	1.230	0.543	0.442	11.6	23.57
2366	40.9430	116.9367	-193.8	300	TRF2	0	0	0	0	51	15.9	2630	107	247	240	2.308	1.029	0.446	11.5	23.54
2367	40.9430	116.9371	-196.1	317	TRF2	0	0	0	0	50	16.1	2609	105	176	254	1.676	0.693	0.413	11.5	23.52
2368	40.9430	116.9374	-194.8	338	TRF2	0	0	0	0	54	16.3	2584	80	258	197	3.225	1.310	0.406	11.5	23.52
2369	40.9430	116.9378	-187.7	367	TRF2	0	0	0	0	56	16.6	2617	102	192	242	1.882	0.793	0.421	11.5	23.53
2370	40.9430	116.9382	-182.7	400	QF	0	0	0	0	47	17.0	2677	102	192	260	1.882	0.738	0.392	11.5	23.51
2371	40.9430	116.9385	-173.6	431	QF	0	0	0	0	41	17.3	2753	107	282	183	2.636	1.541	0.585	11.5	23.54
2372	40.9430	116.9389	-164.0	463	QF	0	0	0	0	49	17.6	2677	127	137	248	1.079	0.552	0.512	11.4	23.53
2373	40.9430	116.9392	-156.5	488	QF	0	0	0	0	46	17.8	2855	116	244	216	2.103	1.130	0.537	11.4	23.54
2374	40.9430	116.9396	-153.1	493	QF	0	0	0	0	57	17.8	2869	125	127	278	1.016	0.457	0.450	11.4	23.55
2375	40.9430	116.9399	-145.2	497	QF	0	0	0	0	31	17.9	2963	122	251	250	2.057	1.004	0.488	11.4	23.58
2376	40.9430	116.9403	-139.4	497	QF	0	0	0	0	49	20.7	2850	119	205	275	1.723	0.745	0.433	11.3	23.58
2377	40.9430	116.9406	-132.1	494	QF	0	0	0	0	51	20.7	2868	113	206	255	1.823	0.808	0.443	11.3	23.61

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2378	40.9430	116.9410	-123.9	479	QF	0	0	0	0	51	20.6	2874	124	177	273	1.427	0.648	0.454	11.3	23.61
2379	40.9430	116.9413	-118.0	428	QF	0	0	0	0	54	20.0	2666	106	251	215	2.368	1.167	0.493	11.3	23.62
2380	40.9431	116.9417	-110.1	406	QF	0	0	0	0	50	19.7	2560	85	233	245	2.741	0.951	0.347	11.3	23.63
2381	40.9431	116.9420	-102.6	431	QF	0	0	0	0	52	20.0	2769	99	242	236	2.444	1.025	0.419	11.3	23.65
2382	40.9431	116.9424	-98.7	468	QF	0	0	0	0	52	20.4	2731	98	208	242	2.122	0.860	0.405	11.2	23.67
2383	40.9431	116.9428	-97.0	485	QF	0	0	0	0	48	20.6	2718	112	121	285	1.080	0.425	0.393	11.2	23.67
2384	40.9431	116.9431	-96.8	476	QF	0	0	0	0	53	20.5	2553	119	63	271	0.529	0.232	0.439	11.2	23.70
2385	40.9431	116.9435	-96.3	427	QF	0	0	0	0	37	20.0	2398	103	167	218	1.621	0.766	0.472	11.2	23.71
2386	40.9431	116.9438	-96.4	379	QF	0	0	0	0	50	19.4	2346	89	157	209	1.764	0.751	0.426	11.2	23.72
2387	40.9431	116.9442	-96.0	364	QF	0	0	0	0	29	19.2	2339	96	115	243	1.198	0.473	0.395	11.3	23.75
2388	40.9431	116.9445	-95.4	363	QF	0	0	0	0	38	19.2	2412	84	251	183	2.988	1.372	0.459	11.2	23.73
2389	40.9431	116.9449	-95.7	378	QF	0	0	0	0	51	19.4	2398	85	131	228	1.541	0.575	0.373	11.2	23.74
2390	40.9431	116.9452	-95.4	401	QF	0	0	0	0	48	19.7	2319	62	178	224	2.871	0.795	0.277	11.2	23.76
2391	40.9431	116.9456	-99.3	435	QF	0	0	0	0	29	20.1	2307	108	85	205	0.787	0.415	0.527	11.3	23.75
2392	40.9431	116.9459	-99.5	468	QF	0	0	0	0	60	20.4	2248	72	171	192	2.375	0.891	0.375	11.3	23.76
2393	40.9432	116.9463	-99.0	488	QF	0	0	0	0	53	20.6	2211	87	96	219	1.103	0.438	0.397	11.3	23.76
2394	40.9432	116.9466	-98.2	488	QF	0	0	0	0	42	20.6	2059	47	106	251	2.255	0.422	0.187	11.3	23.77
2395	40.9432	116.9470	-98.1	488	QF	0	0	0	0	48	26.5	2015	64	74	199	1.156	0.372	0.322	11.3	23.79
2396	40.9432	116.9474	-97.3	485	QF	0	0	0	0	58	26.4	1988	62	135	148	2.177	0.912	0.419	11.3	23.81
2397	40.9432	116.9477	-97.5	479	QF	0	0	0	0	44	26.4	1963	63	141	149	2.238	0.946	0.423	11.4	23.83
2398	40.9432	116.9481	-97.1	467	QF	0	0	0	0	39	26.2	2002	59	79	196	1.339	0.403	0.301	11.4	23.84
2399	40.9432	116.9484	-99.3	456	QF	0	0	0	0	57	26.0	2000	63	74	224	1.175	0.330	0.281	11.4	23.85
2400	40.9432	116.9488	-108.2	434	QF	0	0	0	0	57	25.7	1962	47	51	228	1.085	0.224	0.206	11.4	23.87
2401	40.9432	116.9491	-125.2	419	QF	0	0	0	0	43	25.5	1889	64	154	146	2.406	1.055	0.438	11.5	23.90
2402	40.9432	116.9495	-151.5	410	QF	0	0	0	0	41	25.4	1888	49	100	222	2.041	0.450	0.221	11.5	23.90
2403	40.9432	116.9498	-181.0	406	QF	0	0	0	0	31	25.3	1852	59	125	152	2.119	0.822	0.388	11.6	23.92
2404	40.9432	116.9502	-211.4	401	QF	0	0	0	0	49	25.2	1909	44	120	200	2.727	0.600	0.220	11.5	23.91
2405	40.9432	116.9505	-234.4	401	QF	0	0	0	0	56	25.2	1809	47	70	193	1.489	0.363	0.244	11.6	23.92
2406	40.9432	116.9509	-251.0	400	QF	0	0	0	0	39	25.2	1861	54	90	199	1.667	0.452	0.271	11.6	23.94
2407	40.9433	116.9512	-266.5	401	QF	0	0	0	0	46	25.2	1893	55	100	189	1.818	0.529	0.291	11.7	23.93
2408	40.9433	116.9516	-265.1	405	QF	0	0	0	0	42	25.3	1847	58	55	220	0.948	0.250	0.264	11.7	23.93
2409	40.9433	116.9520	-260.5	402	QF	0	0	0	0	55	25.3	1853	56	58	200	1.036	0.290	0.280	11.8	23.93
2410	40.9433	116.9523	-251.3	398	QF	0	0	1	0	48	25.2	1880	81	8	224	0.099	0.036	0.362	11.8	23.94
2411	40.9433	116.9527	-244.2	394	QF	0	0	1	0	56	25.1	1825	85	-27	186	-0.318	-0.145	0.457	11.9	23.95
2412	40.9433	116.9530	-231.9	391	QF	0	0	0	0	41	25.1	1843	55	43	223	0.782	0.193	0.247	11.9	23.96
2413	40.9433	116.9534	-220.4	387	QF	0	0	0	0	47	25.0	1908	48	130	182	2.708	0.714	0.264	12.0	23.99
2414	40.9433	116.9537	-211.3	386	QF	0	0	0	0	32	28.5	1852	53	84	200	1.585	0.420	0.265	12.0	23.98
2415	40.9433	116.9541	-205.8	382	QF	0	0	0	0	44	28.4	1787	51	54	191	1.059	0.283	0.267	12.1	23.97
2416	40.9433	116.9544	-206.2	380	QF	0	0	0	0	51	28.4	1890	60	55	224	0.917	0.246	0.268	12.1	24.00
2417	40.9433	116.9548	-211.4	380	QF	0	0	0	0	56	28.4	1834	65	67	191	1.031	0.351	0.340	12.2	24.02
2418	40.9433	116.9551	-219.6	377	QF	0	0	0	0	38	28.3	1833	40	150	171	3.750	0.877	0.234	12.2	24.02
2419	40.9433	116.9555	-233.3	376	QF	0	0	0	0	44	28.3	1840	34	124	173	3.647	0.717	0.197	12.3	24.03
2420	40.9434	116.9558	-244.0	373	QF	0	0	0	0	50	28.2	1807	47	94	177	2.000	0.531	0.266	12.4	24.03
2421	40.9434	116.9562	-255.7	373	QF	0	0	0	0	39	28.2	1796	51	96	171	1.882	0.561	0.298	12.3	24.03
2422	40.9434	116.9566	-265.8	374	QF	0	0	0	0	56	28.3	1889	42	93	205	2.214	0.454	0.205	12.5	24.05
2423	40.9434	116.9569	-272.5	371	QF	0	0	0	0	42	28.2	1835	37	128	214	3.459	0.598	0.173	12.5	24.05
2424	40.9434	116.9573	-280.2	370	QF	0	0	0	0	54	28.2	1878	50	82	179	1.640	0.458	0.279	12.6	24.07
2425	40.9434	116.9576	-280.6	370	QF	0	0	0	0	23	28.2	1838	41	132	166	3.220	0.795	0.247	12.5	24.07
2426	40.9433	116.9582	-281.5	368	QF	0	0	0	0	43	28.2	1841	70	71	163	1.014	0.436	0.429	12.6	24.07
2427	40.9432	116.9588	-280.3	365	QF	0	0	0	0	49	28.1	1838	53	89	196	1.679	0.454	0.270	12.7	24.09
2428	40.9432	116.9595	-277.9	363	QF	0	0	0	0	43	28.1	1864	64	74	158	1.156	0.468	0.405	12.7	24.11
2429	40.9431	116.9601	-275.8	362	QF	0	0	0	0	54	28.1	1883	41	145	165	3.537	0.879	0.248	12.7	24.09
2430	40.9430	116.9607	-271.1	360	QF	0	0	0	0	44	28.0	1910	67	106	178	1.582	0.596	0.376	12.8	24.09
2431	40.9429	116.9613	-266.6	361	QF	0	0	0	0	49	28.0	1902	49	123	192	2.510	0.641	0.255	12.8	24.11

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2432	40.9428	116.9619	-261.0	362	QF	0	0	0	0	40	28.1	1854	62	100	152	1.613	0.658	0.408	12.8	24.11
2433	40.9428	116.9626	-254.3	362	QF	0	0	0	0	50	27.7	1854	46	138	162	3.000	0.852	0.284	12.9	24.11
2434	40.9427	116.9632	-246.1	368	QF	0	0	0	0	48	27.8	1938	47	122	200	2.596	0.610	0.235	12.9	24.11
2435	40.9426	116.9638	-239.8	372	QF	0	0	0	0	44	27.8	1895	43	163	157	3.791	1.038	0.274	12.9	24.10
2436	40.9425	116.9644	-233.9	377	QF	0	0	0	0	39	27.9	1836	67	90	138	1.343	0.652	0.486	12.9	24.10
2437	40.9424	116.9650	-229.4	380	QF	0	0	0	0	44	28.0	1879	46	93	202	2.022	0.460	0.228	12.9	24.10
2438	40.9424	116.9656	-226.7	383	QF	0	0	0	0	42	28.0	1940	61	79	205	1.295	0.385	0.298	12.9	24.10
2439	40.9423	116.9663	-224.1	385	QF	0	0	0	0	45	28.1	1957	46	148	152	3.217	0.974	0.303	13.0	24.11
2440	40.9422	116.9669	-220.6	383	QF	0	0	0	0	36	28.0	1967	42	133	218	3.167	0.610	0.193	13.0	24.13
2441	40.9421	116.9675	-218.5	383	QF	0	0	0	0	34	28.0	1962	52	79	198	1.519	0.399	0.263	13.0	24.11
2442	40.9421	116.9681	-216.8	380	QF	0	0	0	0	45	28.0	2034	49	127	191	2.592	0.665	0.257	13.0	24.11
2443	40.9420	116.9687	-214.6	378	QF	0	0	0	0	37	27.9	1847	52	88	190	1.692	0.463	0.274	13.0	24.09
2444	40.9419	116.9693	-214.0	376	QF	0	0	0	0	51	27.9	1897	62	81	189	1.306	0.429	0.328	13.0	24.10
2445	40.9418	116.9700	-215.4	371	QF	0	0	0	0	40	27.8	1914	71	104	180	1.465	0.578	0.394	13.0	24.09
2446	40.9417	116.9706	-215.4	369	QF	0	0	0	0	43	27.8	1867	70	37	215	0.529	0.172	0.326	13.0	24.10
2447	40.9417	116.9712	-218.6	362	QF	0	0	0	0	36	27.7	1828	59	75	207	1.271	0.362	0.285	13.0	24.10
2448	40.9416	116.9718	-219.9	358	QF	0	0	0	0	57	27.6	1882	77	125	152	1.623	0.822	0.507	13.0	24.08
2449	40.9415	116.9724	-222.3	353	QF	0	0	0	0	39	27.5	1991	74	99	193	1.338	0.513	0.383	13.0	24.12
2450	40.9414	116.9730	-224.9	353	QF	0	0	0	0	53	27.5	1812	40	167	158	4.175	1.057	0.253	13.1	24.13
2451	40.9413	116.9737	-227.7	348	QF	0	0	0	0	40	27.4	1886	68	77	168	1.132	0.458	0.405	13.1	24.13
2452	40.9413	116.9743	-230.1	347	QF	0	0	0	0	42	28.3	1808	48	101	192	2.104	0.526	0.250	13.2	24.13
2453	40.9412	116.9749	-232.4	342	QF	0	0	0	0	45	28.2	1846	41	99	197	2.415	0.503	0.208	13.2	24.13
2454	40.9411	116.9755	-234.4	329	QF	0	0	0	0	30	27.9	1882	63	96	170	1.524	0.565	0.371	13.2	24.15
2455	40.9410	116.9761	-236.2	322	QF	0	0	0	0	49	27.8	1889	40	138	215	3.450	0.642	0.186	13.2	24.15
2456	40.9409	116.9767	-238.8	321	QF	0	0	0	0	44	27.8	1876	57	98	196	1.719	0.500	0.291	13.3	24.16
2457	40.9409	116.9774	-240.0	314	QF	0	0	0	0	57	27.7	1884	53	80	185	1.509	0.432	0.286	13.2	24.15
2458	40.9408	116.9780	-241.8	315	QF	0	0	0	0	45	27.7	1867	56	82	177	1.464	0.463	0.316	13.3	24.15
2459	40.9407	116.9786	-243.3	318	QA1	0	0	0	0	49	27.7	1871	47	102	205	2.170	0.498	0.229	13.3	24.14
2460	40.9406	116.9792	-246.6	320	QA1	0	0	0	0	32	27.8	1883	59	95	204	1.610	0.466	0.289	13.3	24.15
2461	40.9406	116.9798	-246.7	321	QA1	0	0	0	0	39	27.8	1852	54	175	159	3.241	1.101	0.340	13.3	24.14
2462	40.9405	116.9804	-248.3	312	QA1	0	0	0	0	51	27.6	1837	47	110	220	2.340	0.500	0.214	13.3	24.15
2463	40.9404	116.9811	-249.5	304	QA1	0	0	0	0	41	27.5	1883	57	87	201	1.526	0.433	0.284	13.3	24.16
2464	40.9403	116.9817	-249.6	301	QA1	0	0	0	0	21	27.4	1867	60	65	210	1.083	0.310	0.286	13.4	24.16
2465	40.9402	116.9823	-249.0	296	QA1	0	0	0	0	56	27.3	1883	58	100	185	1.724	0.541	0.314	13.4	24.18
2466	40.9402	116.9829	-247.8	291	QA1	0	0	0	0	51	27.2	1921	54	145	185	2.685	0.784	0.292	13.4	24.17
2467	40.9401	116.9835	-246.4	284	QA1	0	0	0	0	45	27.1	1862	53	115	200	2.170	0.575	0.265	13.4	24.17
2468	40.9400	116.9841	-245.3	281	QA1	0	0	0	0	52	27.0	1911	60	176	156	2.933	1.128	0.385	13.5	24.20
2469	40.9399	116.9848	-242.9	276	QA1	0	0	0	0	35	26.9	1846	35	204	170	5.829	1.200	0.206	13.4	24.18
2470	40.9398	116.9854	-240.5	274	QA1	0	0	0	0	33	26.9	1942	57	128	205	2.246	0.624	0.278	13.5	24.17
2471	40.9398	116.9860	-234.1	273	QA1	0	0	0	0	48	27.3	1954	64	95	195	1.484	0.487	0.328	13.5	24.19
2472	40.9397	116.9866	-233.9	274	QA1	0	0	0	0	31	27.4	1941	51	102	240	2.000	0.425	0.213	13.5	24.21
2473	40.9396	116.9872	-228.9	279	QA1	0	0	0	0	55	27.5	2004	56	132	223	2.357	0.592	0.251	13.4	24.19
2474	40.9395	116.9878	-228.5	285	QA1	0	0	0	0	56	27.6	1920	67	101	186	1.507	0.543	0.360	13.4	24.18
2475	40.9395	116.9885	-228.9	295	QA1	0	0	0	0	54	27.8	1926	55	149	166	2.709	0.898	0.331	13.4	24.17
2476	40.9394	116.9891	-228.7	306	QA1	0	0	0	0	50	28.0	1884	58	39	241	0.672	0.162	0.241	13.4	24.16
2477	40.9393	116.9897	-229.4	317	QA1	0	0	0	0	42	28.2	1920	41	147	208	3.585	0.707	0.197	13.4	24.15
2478	40.9392	116.9903	-230.9	330	QA1	0	0	0	0	44	28.4	1850	64	83	186	1.297	0.446	0.344	13.4	24.14
2479	40.9391	116.9909	-231.1	337	QA1	0	0	0	0	37	28.6	1876	46	128	178	2.783	0.719	0.258	13.4	24.15
2480	40.9391	116.9915	-232.4	343	QA1	0	0	0	0	44	28.7	1886	47	92	186	1.957	0.495	0.253	13.5	24.15
2481	40.9390	116.9922	-234.0	343	QA1	0	0	0	0	63	28.7	1923	56	109	158	1.946	0.690	0.354	13.5	24.15
2482	40.9389	116.9928	-234.3	341	QA1	0	0	0	0	41	28.7	1858	51	145	162	2.843	0.895	0.315	13.4	24.15
2483	40.9388	116.9934	-235.4	337	QA1	0	0	0	0	51	28.6	1898	50	34	241	0.680	0.141	0.207	13.4	24.17
2484	40.9387	116.9940	-236.8	332	QA1	0	0	0	0	36	28.5	1954	71	89	206	1.254	0.432	0.345	13.4	24.17
2485	40.9387	116.9946	-236.9	330	QA1	0	0	0	0	29	28.4	1963	62	148	186	2.387	0.796	0.333	13.5	24.20

P
.73
.73
.73
.70
.68
.69
.70
.71
.70
.68
.69
.69
.71
.73
.73
.73
.73
.71
.72
.71
.71
.72
.72
.72
.73
.73
.75
.77
.77
.75
.74
.75
.75
.75
.74
.73
.73
.75
.76
.78
.79
.80
.81
.81
.79
.77
.79
.77
.79
.81
.81
.81
.81
.82

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2486	40.9386	116.9952	-240.9	333	QA1	0	0	0	0	38	28.5	1957	46	115	213	2.500	0.540	0.216	13.4	24.18
2487	40.9385	116.9959	-236.5	339	QA1	0	0	0	0	54	28.6	1907	68	36	235	0.529	0.153	0.289	13.4	24.18
2488	40.9384	116.9965	-236.0	341	QA1	0	0	0	0	43	28.7	1949	55	123	227	2.236	0.542	0.242	13.4	24.18
2489	40.9383	116.9971	-235.1	345	QA1	0	0	0	0	33	28.7	1961	59	148	183	2.508	0.809	0.322	13.4	24.18
2490	40.9383	116.9977	-235.4	345	QA1	0	0	0	0	55	24.8	2013	58	113	236	1.948	0.479	0.246	13.3	24.17
2491	40.9382	116.9983	-235.7	349	QA1	0	0	0	0	50	24.9	1997	53	140	180	2.642	0.778	0.294	13.3	24.18
2492	40.9381	116.9989	-234.7	352	QA1	0	0	0	0	34	24.9	2023	61	129	194	2.115	0.665	0.314	13.3	24.17
2493	40.9380	116.9996	-234.8	355	QA1	0	0	0	0	55	25.0	1955	49	69	202	1.408	0.342	0.243	13.3	24.16
2494	40.9380	117.0002	-234.1	358	QA1	0	0	0	0	31	25.0	1956	64	78	220	1.219	0.355	0.291	13.3	24.13
2495	40.9379	117.0008	-234.4	360	QA1	0	0	0	0	31	25.1	1940	59	86	206	1.458	0.417	0.286	13.2	24.16
2496	40.9378	117.0014	-234.2	356	QA1	0	0	0	0	54	25.0	1977	60	99	198	1.650	0.500	0.303	13.2	24.16
2497	40.9377	117.0020	-233.6	352	QA1	0	0	0	0	46	24.9	1911	65	87	194	1.338	0.448	0.335	13.2	24.16
2498	40.9376	117.0026	-234.7	350	QA1	0	0	0	0	54	24.9	1917	44	148	164	3.364	0.902	0.268	13.1	24.17
2499	40.9376	117.0033	-235.0	354	QA1	0	0	0	0	36	25.0	1878	54	137	161	2.537	0.851	0.335	13.1	24.19
2500	40.9375	117.0039	-234.8	356	QA1	0	0	0	0	46	25.0	1849	66	61	161	0.924	0.379	0.410	13.0	24.17
2501	40.9374	117.0045	-233.8	357	QA1	0	0	0	0	46	25.0	1956	46	95	228	2.065	0.417	0.202	13.1	24.19
2502	40.9373	117.0051	-233.1	360	QA1	0	0	0	0	43	25.1	1910	49	106	189	2.163	0.561	0.259	13.0	24.17
2503	40.9372	117.0057	-233.1	368	QA1	0	0	0	0	47	25.2	2016	51	103	249	2.020	0.414	0.205	12.9	24.15
2504	40.9372	117.0063	-235.0	367	QA1	0	0	0	0	43	25.2	1914	60	142	156	2.367	0.910	0.385	13.0	24.17
2505	40.9371	117.0070	-238.7	373	QA1	0	0	0	0	39	25.3	1986	57	169	158	2.965	1.070	0.361	13.0	24.20
2506	40.9370	117.0076	-239.6	375	QA1	0	0	0	0	46	25.3	1968	55	100	207	1.818	0.483	0.266	12.9	24.17
2507	40.9369	117.0082	-239.6	381	QA1	0	0	0	0	52	25.4	1883	38	101	191	2.658	0.529	0.199	12.9	24.16
2508	40.9368	117.0088	-238.6	383	QA1	0	0	0	0	46	25.4	1943	56	124	179	2.214	0.693	0.313	12.9	24.18
2509	40.9368	117.0094	-238.0	383	QA1	0	0	0	0	54	23.7	2003	44	179	184	4.068	0.973	0.239	12.9	24.17
2510	40.9367	117.0100	-235.5	386	QA1	0	0	0	0	37	23.8	1938	52	115	216	2.212	0.532	0.241	12.8	24.18
2511	40.9366	117.0107	-234.9	382	QA1	0	0	0	0	68	23.7	1955	34	184	174	5.412	1.057	0.195	12.9	24.17
2512	40.9365	117.0113	-233.9	381	QA1	0	0	0	0	35	23.7	1970	41	173	192	4.220	0.901	0.214	12.8	24.17
2513	40.9365	117.0119	-231.6	376	QA1	0	0	0	0	47	23.6	1974	54	125	189	2.315	0.661	0.286	12.8	24.17
2514	40.9364	117.0125	-229.0	367	QA1	0	0	0	0	50	23.5	1964	47	162	159	3.447	1.019	0.296	12.8	24.19
2515	40.9363	117.0131	-225.1	357	QA1	0	0	0	0	45	23.4	2012	62	118	211	1.903	0.559	0.294	12.8	24.20
2516	40.9362	117.0137	-220.0	349	QA1	0	0	0	0	37	23.2	1867	47	73	211	1.553	0.346	0.223	12.8	24.22
2517	40.9361	117.0144	-215.6	344	QA1	0	0	0	0	35	23.2	1930	55	132	178	2.400	0.742	0.309	12.8	24.23
2518	40.9361	117.0150	-211.5	341	QA1	0	0	0	0	69	23.1	2044	47	112	236	2.383	0.475	0.199	12.7	24.21
2519	40.9360	117.0156	-208.0	344	QA1	0	0	0	0	46	23.2	1923	48	154	177	3.208	0.870	0.271	12.7	24.19
2520	40.9359	117.0162	-206.6	347	QQA1	0	0	0	0	41	23.2	1976	72	62	231	0.861	0.268	0.312	12.6	24.17
2521	40.9358	117.0168	-206.4	352	QQA1	0	0	0	0	41	23.3	1946	56	142	174	2.536	0.816	0.322	12.7	24.18
2522	40.9357	117.0174	-207.1	358	QQA1	0	0	0	0	33	23.4	1935	51	74	238	1.451	0.311	0.214	12.5	24.17
2523	40.9357	117.0181	-207.2	362	QQA1	0	0	0	0	46	23.4	1978	56	134	193	2.393	0.694	0.290	12.6	24.15
2524	40.9356	117.0187	-208.0	364	QQA1	0	0	0	0	46	23.5	1918	60	93	192	1.550	0.484	0.313	12.6	24.15
2525	40.9355	117.0193	-209.5	363	QQA1	0	0	0	0	20	23.4	1899	61	175	141	2.869	1.241	0.433	12.6	24.16
2526	40.9354	117.0199	-212.4	361	QQA1	0	0	0	0	64	23.4	2015	44	98	224	2.227	0.438	0.196	12.7	24.16
2527	40.9354	117.0205	-217.0	361	QQA1	0	0	0	0	44	23.4	2021	50	117	200	2.340	0.585	0.250	12.6	24.20
2528	40.9353	117.0211	-219.6	359	QQA1	0	0	0	0	53	23.5	1928	56	87	243	1.554	0.358	0.230	12.6	24.17
2529	40.9352	117.0218	-222.9	359	QQA1	0	0	0	0	47	23.5	1921	47	145	198	3.085	0.732	0.237	12.6	24.18
2530	40.9351	117.0224	-225.2	354	QQA1	0	0	0	0	51	23.4	2021	66	95	232	1.439	0.409	0.284	12.6	24.21
2531	40.9350	117.0230	-227.6	352	QQA1	0	0	0	0	55	23.4	2034	63	128	171	2.032	0.749	0.368	12.7	24.23
2532	40.9350	117.0236	-230.6	353	QQA1	0	0	0	0	52	23.4	2049	58	119	222	2.052	0.536	0.261	12.6	24.21
2533	40.9349	117.0242	-233.9	359	QQA1	0	0	0	0	40	23.5	1991	55	107	198	1.945	0.540	0.278	12.6	24.24
2534	40.9348	117.0248	-237.7	365	QQA1	0	0	0	0	48	23.6	1960	51	106	202	2.078	0.525	0.252	12.6	24.21
2535	40.9347	117.0255	-242.2	373	QQA1	0	0	0	0	46	23.7	1964	46	170	167	3.696	1.018	0.275	12.5	24.17
2536	40.9346	117.0261	-244.7	377	QQA1	0	0	0	0	41	23.8	1989	46	139	222	3.022	0.626	0.207	12.5	24.17
2537	40.9346	117.0267	-244.5	379	QQA1	0	0	0	0	44	23.8	1955	62	118	200	1.903	0.590	0.310	12.5	24.17
2538	40.9345	117.0273	-247.1	384	QQA1	0	0	0	0	47	23.9	1969	62	85	202	1.371	0.421	0.307	12.4	24.17
2539	40.9344	117.0279	-248.1	386	QQA1	0	0	0	0	59	23.9	2041	60	96	208	1.600	0.462	0.288	12.3	24.14

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2540	40.9343	117.0285	-249.7	386	QOA1	0	0	0	0	44	23.9	1963	41	172	172	4.195	1.000	0.238	12.3	24.15
2541	40.9342	117.0292	-250.8	385	QOA1	0	0	0	0	38	23.9	1990	51	168	190	3.294	0.884	0.268	12.4	24.15
2542	40.9342	117.0298	-251.8	386	QOA1	0	0	0	0	54	23.9	1912	45	138	171	3.067	0.807	0.263	12.3	24.14
2543	40.9341	117.0304	-252.2	388	QOA1	0	0	0	0	35	23.9	1950	45	95	243	2.111	0.391	0.185	12.3	24.15
2544	40.9340	117.0310	-253.0	386	QOA1	0	0	0	0	55	23.9	1938	35	177	156	5.057	1.135	0.224	12.4	24.13
2545	40.9339	117.0316	-254.3	387	QOA1	0	0	0	0	32	23.9	1962	65	99	185	1.523	0.535	0.351	12.3	24.14
2546	40.9339	117.0322	-255.7	386	QOA1	0	0	0	0	52	23.9	1946	62	124	150	2.000	0.827	0.413	12.3	24.14
2547	40.9338	117.0329	-256.0	385	QOA1	0	0	0	0	42	25.9	2024	48	80	278	1.667	0.288	0.173	12.3	24.15
2548	40.9337	117.0335	-256.8	385	QOA1	0	0	0	0	15	25.9	1993	52	65	270	1.250	0.241	0.193	12.4	24.17
2549	40.9336	117.0341	-257.4	383	QOA1	0	0	0	0	42	25.9	1914	60	64	198	1.067	0.323	0.303	12.4	24.19
2550	40.9335	117.0347	-257.2	383	QOA1	0	0	0	0	38	25.9	1989	43	153	198	3.558	0.773	0.217	12.4	24.20
2551	40.9335	117.0353	-254.8	388	QOA1	0	0	0	0	50	25.9	1936	69	57	213	0.826	0.268	0.324	12.4	24.19
2552	40.9334	117.0359	-252.1	389	QOA1	0	0	0	0	37	25.9	1863	51	94	195	1.843	0.482	0.262	12.4	24.19
2553	40.9333	117.0366	-246.6	390	QOA1	0	0	0	0	46	25.9	1923	51	129	210	2.529	0.614	0.243	12.4	24.19
2554	40.9332	117.0372	-239.7	393	QOA1	0	0	0	0	42	26.0	2008	39	112	242	2.872	0.463	0.161	12.4	24.22
2555	40.9331	117.0378	-238.2	392	QOA1	0	0	0	0	48	26.0	1971	71	66	196	0.930	0.337	0.362	12.3	24.20
2556	40.9331	117.0384	-237.6	389	QOA1	0	0	0	0	39	25.9	1958	49	126	178	2.571	0.708	0.275	12.3	24.19
2557	40.9330	117.0390	-238.2	386	QOA1	0	0	0	0	49	25.9	1957	33	139	208	4.212	0.668	0.159	12.3	24.18
2558	40.9329	117.0396	-239.3	385	QOA1	0	0	0	0	48	25.9	2013	54	183	179	3.389	1.022	0.302	12.3	24.18
2559	40.9328	117.0403	-239.4	382	QOA1	0	0	0	0	44	25.8	1950	64	136	157	2.125	0.866	0.408	12.3	24.18
2560	40.9328	117.0409	-241.7	382	QOA1	0	0	0	0	43	25.8	1854	42	137	190	3.262	0.721	0.221	12.4	24.19
2561	40.9327	117.0415	-242.3	378	QOA1	0	0	0	0	43	25.8	1931	46	133	197	2.891	0.675	0.234	12.4	24.19
2562	40.9326	117.0421	-245.2	374	QOA1	0	0	0	0	41	25.7	1832	30	176	149	5.867	1.181	0.201	12.4	24.18
2563	40.9325	117.0427	-245.7	374	QOA1	0	0	0	0	56	25.7	1918	40	162	186	4.050	0.871	0.215	12.4	24.17
2564	40.9324	117.0434	-247.3	373	QOA1	0	0	0	0	48	25.7	1941	47	157	163	3.340	0.963	0.288	12.4	24.19
2565	40.9324	117.0440	-249.2	371	QOA1	0	0	0	0	42	25.7	1911	57	67	235	1.175	0.285	0.243	12.5	24.17
2566	40.9323	117.0446	-253.0	374	QOA1	0	0	0	0	52	25.1	1929	35	158	192	4.514	0.823	0.182	12.5	24.20
2567	40.9322	117.0452	-252.5	376	QOA1	0	0	0	0	34	25.1	1937	43	104	236	2.419	0.441	0.182	12.5	24.21
2568	40.9321	117.0458	-254.6	380	QOA1	0	0	0	0	38	25.2	1925	55	88	221	1.600	0.398	0.249	12.5	24.18
2569	40.9320	117.0464	-255.3	389	QOA1	0	0	0	0	43	25.3	1946	65	101	182	1.554	0.555	0.357	12.6	24.20
2570	40.9320	117.0471	-255.1	396	QOA1	0	0	0	0	42	25.4	1965	48	136	192	2.833	0.708	0.250	12.6	24.21
2571	40.9319	117.0477	-256.1	398	QOA1	0	0	0	0	48	25.5	1950	58	72	205	1.241	0.351	0.283	12.6	24.19
2572	40.9318	117.0483	-257.4	402	QOA1	0	0	0	0	56	25.5	1935	64	51	225	0.797	0.227	0.284	12.7	24.18
2573	40.9317	117.0489	-259.3	401	QOA1	0	0	0	0	40	25.5	1992	59	144	194	2.441	0.742	0.304	12.7	24.19
2574	40.9316	117.0495	-261.1	397	QOA1	0	0	0	0	47	25.4	1994	58	121	171	2.086	0.708	0.339	12.7	24.19
2575	40.9316	117.0501	-262.7	394	QOA1	0	0	0	0	46	25.4	2015	47	119	208	2.532	0.572	0.226	12.7	24.19
2576	40.9315	117.0508	-264.4	386	QOA1	0	0	0	0	49	25.3	2055	39	117	218	3.000	0.537	0.179	12.7	24.19
2577	40.9314	117.0514	-265.4	385	QOA1	0	0	0	0	57	25.3	1996	55	76	220	1.382	0.345	0.250	12.7	24.18
2578	40.9313	117.0520	-268.0	383	QOA1	0	0	0	0	47	25.2	2022	62	127	217	2.048	0.585	0.286	12.8	24.17
2579	40.9313	117.0526	-267.3	383	QOA1	0	0	0	0	55	25.2	1999	43	122	215	2.837	0.567	0.200	12.8	24.16
2580	40.9312	117.0532	-267.2	384	QOA1	0	0	0	0	43	25.3	2118	62	131	210	2.113	0.624	0.295	12.8	24.18
2581	40.9311	117.0538	-267.4	388	QOA1	0	0	0	0	39	25.3	1990	60	166	179	2.767	0.927	0.335	12.8	24.18
2582	40.9310	117.0545	-268.3	389	QOA1	0	0	0	0	49	25.3	1993	63	61	244	0.968	0.250	0.258	12.9	24.19
2583	40.9309	117.0551	-269.8	393	QOA1	0	0	0	0	37	25.4	2074	74	96	203	1.297	0.473	0.365	12.9	24.17
2584	40.9309	117.0557	-270.4	395	QOA1	0	0	0	0	41	25.4	1927	56	121	152	2.161	0.796	0.368	12.8	24.18
2585	40.9308	117.0563	-272.0	393	QOA1	0	0	0	0	58	27.4	1994	54	92	227	1.704	0.405	0.238	12.8	24.17
2586	40.9307	117.0569	-271.8	390	QOA1	0	0	0	0	46	27.4	1986	63	76	234	1.206	0.325	0.269	12.9	24.20
2587	40.9306	117.0575	-272.4	388	QOA1	0	0	0	0	37	27.3	2037	49	156	184	3.184	0.848	0.266	12.9	24.21
2588	40.9305	117.0582	-272.5	382	QOA1	0	0	0	0	40	27.2	2016	60	173	178	2.883	0.972	0.337	12.9	24.21
2589	40.9305	117.0588	-273.6	378	QYA	0	0	0	0	47	27.2	1965	34	156	208	4.588	0.750	0.163	12.9	24.20
2590	40.9304	117.0594	-273.5	367	QYA	0	0	0	0	44	27.0	2015	55	128	212	2.327	0.604	0.259	12.8	24.18
2591	40.9303	117.0600	-272.6	367	QYA	0	0	0	0	50	27.0	2030	65	88	233	1.354	0.378	0.279	12.8	24.20
2592	40.9302	117.0606	-272.2	361	QYA	0	0	0	0	46	26.9	1956	63	150	166	2.381	0.904	0.380	12.8	24.20
2593	40.9302	117.0612	-273.3	356	QYA	0	0	0	0	55	26.8	2004	47	136	195	2.894	0.697	0.241	12.8	24.20

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2594	40.9301	117.0619	-272.7	351	QYA	0	0	0	0	47	26.7	2014	48	147	214	3.063	0.687	0.224	12.8	24.21
2595	40.9300	117.0625	-272.8	349	QYA	0	0	0	0	45	26.7	2004	33	179	177	5.424	1.011	0.186	12.8	24.21
2596	40.9299	117.0631	-272.9	348	QYA	0	0	0	0	36	26.7	1998	63	148	196	2.349	0.755	0.321	12.7	24.21
2597	40.9298	117.0637	-272.6	355	QYA	0	0	0	0	34	26.8	2010	56	167	170	2.982	0.982	0.329	12.8	24.21
2598	40.9298	117.0643	-272.6	366	QYA	0	0	0	0	45	27.0	1986	58	106	177	1.828	0.599	0.328	12.8	24.23
2599	40.9297	117.0649	-272.4	376	QYA	0	0	0	0	38	27.1	1916	48	89	224	1.854	0.397	0.214	12.8	24.21
2600	40.9296	117.0656	-273.4	380	QYA	0	0	0	0	35	27.2	1987	52	148	185	2.846	0.800	0.281	12.8	24.20
2601	40.9295	117.0662	-272.5	382	QYA	0	0	0	0	59	27.2	2039	62	139	194	2.242	0.716	0.320	12.7	24.22
2602	40.9294	117.0668	-272.3	379	QYA	0	0	0	0	42	27.2	2112	64	174	185	2.719	0.941	0.346	12.8	24.24
2603	40.9294	117.0674	-272.4	379	QYA	0	0	0	0	39	27.2	2048	58	190	169	3.276	1.124	0.343	12.8	24.25
2604	40.9293	117.0680	-273.0	374	QYA	0	0	0	0	41	28.4	2023	50	98	239	1.960	0.410	0.209	12.7	24.22
2605	40.9292	117.0686	-272.1	372	QYA	0	0	0	0	50	28.4	2006	57	107	206	1.877	0.519	0.277	12.7	24.22
2606	40.9291	117.0693	-271.7	371	QYA	0	0	0	0	43	28.4	2095	64	152	171	2.375	0.889	0.374	12.6	24.22
2607	40.9290	117.0699	-271.5	370	QYA	0	0	0	0	32	28.4	2049	49	134	216	2.735	0.620	0.227	12.6	24.21
2608	40.9290	117.0705	-271.8	371	QYA	0	0	0	0	44	28.4	2024	58	172	181	2.966	0.950	0.320	12.6	24.20
2609	40.9289	117.0711	-271.6	373	QYA	0	0	0	0	44	28.4	2021	48	145	197	3.021	0.736	0.244	12.6	24.22
2610	40.9288	117.0717	-270.4	376	QYA	0	0	0	0	41	28.5	1993	61	135	175	2.213	0.771	0.349	12.6	24.22
2611	40.9287	117.0723	-270.5	375	QYA	0	0	0	0	43	28.5	1990	35	206	192	5.886	1.073	0.182	12.5	24.20
2612	40.9287	117.0730	-270.3	376	QYA	0	0	0	0	50	28.5	2009	47	120	235	2.553	0.511	0.200	12.5	24.20
2613	40.9286	117.0736	-269.6	375	QYA	0	0	0	0	45	28.5	2017	55	179	124	3.255	1.444	0.444	12.5	24.21
2614	40.9285	117.0742	-270.0	376	QYA	0	0	0	0	41	28.5	1966	49	112	234	2.286	0.479	0.209	12.6	24.19
2615	40.9284	117.0748	-270.5	377	QYA	0	0	0	0	35	28.5	2003	56	134	176	2.393	0.761	0.318	12.6	24.21
2616	40.9283	117.0754	-270.4	375	QYA	0	0	0	0	42	28.5	1901	54	170	171	3.148	0.994	0.316	12.6	24.20
2617	40.9283	117.0760	-271.0	371	QYA	0	0	0	0	34	28.4	2027	81	117	177	1.444	0.661	0.458	12.5	24.21
2618	40.9283	117.0767	-272.7	369	QYA	0	0	0	0	38	28.4	2029	48	221	137	4.604	1.613	0.350	12.6	24.21
2619	40.9283	117.0773	-273.5	371	QYA	0	0	0	0	40	28.4	2007	54	166	196	3.074	0.847	0.276	12.6	24.23
2620	40.9283	117.0779	-274.9	367	QYA	0	0	0	0	43	28.3	1967	44	168	162	3.818	1.037	0.272	12.5	24.21
2621	40.9283	117.0785	-276.0	371	QYA	0	0	0	0	47	28.4	1972	55	120	226	2.182	0.531	0.243	12.5	24.20
2622	40.9283	117.0791	-276.1	366	QYA	0	0	0	0	51	28.3	1932	46	130	167	2.826	0.778	0.275	12.5	24.20
2623	40.9283	117.0797	-276.8	360	QYA	0	0	0	0	50	29.2	1866	50	92	184	1.840	0.500	0.272	12.4	24.21
2624	40.9283	117.0803	-277.4	359	QYA	0	0	0	0	38	29.2	1941	50	108	196	2.160	0.551	0.255	12.4	24.20
2625	40.9283	117.0809	-278.6	359	QYA	0	0	0	0	38	29.2	1893	55	82	209	1.491	0.392	0.263	12.5	24.19
2626	40.9283	117.0816	-280.1	365	QYA	0	0	0	0	30	29.3	1908	65	132	180	2.031	0.733	0.361	12.4	24.21
2627	40.9283	117.0822	-282.4	371	QYA	0	0	0	0	37	29.4	1947	64	72	211	1.125	0.341	0.303	12.4	24.19
2628	40.9283	117.0828	-284.0	375	QYA	0	0	0	0	35	29.5	1882	71	91	159	1.282	0.572	0.447	12.4	24.19
2629	40.9283	117.0834	-285.9	379	QYA	0	0	0	0	36	29.5	1937	47	95	206	2.021	0.461	0.228	12.4	24.19
2630	40.9283	117.0840	-287.0	381	QYA	0	0	0	0	37	29.6	1931	39	172	190	4.410	0.905	0.205	12.4	24.21
2631	40.9283	117.0846	-288.1	381	QYA	0	0	0	0	31	29.6	2070	57	112	244	1.965	0.459	0.234	12.5	24.22
2632	40.9283	117.0852	-287.9	379	QYA	0	0	0	0	47	29.5	1985	61	113	204	1.852	0.554	0.299	12.4	24.22
2633	40.9283	117.0858	-288.1	378	QYA	0	0	0	0	48	29.5	1969	50	153	164	3.060	0.933	0.305	12.3	24.22
2634	40.9284	117.0865	-285.2	379	QYA	0	0	0	0	55	29.5	2023	59	115	203	1.949	0.567	0.291	12.2	24.21
2635	40.9284	117.0871	-285.1	377	QYA	0	0	0	0	26	29.5	2023	58	131	176	2.259	0.744	0.330	12.2	24.23
2636	40.9284	117.0877	-278.2	380	QYA	0	0	0	0	48	29.5	1986	52	146	163	2.808	0.896	0.319	12.2	24.24
2637	40.9284	117.0883	-274.5	377	QYA	0	0	0	0	42	29.5	1991	54	159	166	2.944	0.958	0.325	12.2	24.21
2638	40.9284	117.0889	-271.9	377	QYA	0	0	0	0	36	29.5	2063	54	147	200	2.722	0.735	0.270	12.1	24.20
2639	40.9284	117.0895	-269.8	374	QYA	0	0	0	0	40	29.4	2030	72	110	197	1.528	0.558	0.365	12.1	24.21
2640	40.9284	117.0901	-266.9	376	QYA	0	0	0	0	45	29.5	1998	41	174	188	4.244	0.926	0.218	12.1	24.21
2641	40.9284	117.0908	-266.8	380	QYA	0	0	0	0	42	29.5	1976	54	158	157	2.926	1.006	0.344	12.1	24.21
2642	40.9284	117.0914	-266.1	385	QYA	0	0	0	0	47	28.0	2030	67	116	202	1.731	0.574	0.332	12.1	24.20
2643	40.9284	117.0920	-266.5	383	QYA	0	0	0	0	48	28.0	2068	44	197	184	4.477	1.071	0.239	12.1	24.21
2644	40.9284	117.0926	-266.8	387	QYA	0	0	0	0	57	28.0	2000	47	190	149	4.043	1.275	0.315	12.1	24.21
2645	40.9284	117.0932	-267.9	391	QYA	0	0	0	0	37	28.1	1946	57	139	156	2.439	0.891	0.365	12.1	24.21
2646	40.9284	117.0938	-268.8	389	QYA	0	0	0	0	48	28.1	2063	64	96	193	1.500	0.497	0.332	12.1	24.23
2647	40.9284	117.0944	-271.4	390	QYA	0	0	0	0	44	28.1	1987	54	167	160	3.093	1.044	0.337	12.2	24.23

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2648	40.9284	117.0950	-273.5	387	QYA	0	0	0	0	47	28.0	1959	54	165	141	3.056	1.170	0.383	12.2	24.24
2649	40.9284	117.0957	-276.6	386	QYA	0	0	0	0	43	28.0	2045	62	159	166	2.565	0.958	0.373	12.1	24.21
2650	40.9284	117.0963	-281.8	386	QYA	0	0	0	0	44	28.0	2116	70	33	262	0.471	0.126	0.267	12.1	24.21
2651	40.9284	117.0969	-289.2	382	QYA	0	0	0	0	53	27.9	1955	56	157	173	2.804	0.908	0.324	12.2	24.20
2652	40.9284	117.0975	-302.3	384	QYA	0	0	0	0	48	28.0	2089	35	261	147	7.457	1.776	0.238	12.3	24.23
2653	40.9284	117.0981	-308.4	383	QYA	0	0	0	0	44	28.0	1974	50	153	203	3.060	0.754	0.246	12.2	24.22
2654	40.9284	117.0987	-309.3	381	QYA	0	0	0	0	53	27.9	1899	59	101	178	1.712	0.567	0.331	12.3	24.20
2655	40.9284	117.0993	-307.6	379	QYA	0	0	0	0	38	27.9	2035	53	169	162	3.189	1.043	0.327	12.4	24.18
2656	40.9284	117.1000	-300.8	375	QYA	0	0	0	0	43	27.8	2010	67	160	172	2.388	0.930	0.390	12.5	24.21
2657	40.9284	117.1006	-291.2	373	QYA	0	0	0	0	24	27.8	1946	66	139	172	2.106	0.808	0.384	12.5	24.21
2658	40.9284	117.1012	-281.3	371	QYA	0	0	0	0	32	27.8	1894	35	177	188	5.057	0.941	0.186	12.6	24.21
2659	40.9284	117.1018	-271.2	372	QYA	0	0	0	0	39	27.8	1995	56	91	216	1.625	0.421	0.259	12.7	24.21
2660	40.9284	117.1024	-264.8	371	QYA	0	0	0	0	54	27.8	2009	36	162	198	4.500	0.818	0.182	12.7	24.23
2661	40.9284	117.1030	-262.7	369	QYA	0	0	0	0	41	26.7	2000	46	93	248	2.022	0.375	0.185	12.7	24.23
2662	40.9284	117.1036	-262.1	365	QYA	0	0	0	0	51	26.7	1967	51	108	219	2.118	0.493	0.233	12.8	24.22
2663	40.9284	117.1042	-261.7	365	QYA	0	0	0	0	49	26.7	1995	43	120	214	2.791	0.561	0.201	12.8	24.21
2664	40.9284	117.1049	-262.1	365	QYA	0	0	0	0	44	26.7	1915	42	104	239	2.476	0.435	0.176	12.9	24.22
2665	40.9284	117.1055	-261.7	366	QYA	0	0	0	0	50	26.7	1947	45	131	193	2.911	0.679	0.233	12.9	24.19
2666	40.9284	117.1061	-260.3	366	QYA	0	0	0	0	47	26.7	1954	33	183	187	5.545	0.979	0.176	12.9	24.21
2667	40.9284	117.1067	-258.7	365	QYA	0	0	0	0	49	26.7	2022	53	120	239	2.264	0.502	0.222	12.9	24.20
2668	40.9284	117.1073	-255.0	368	QYA	0	0	0	0	43	26.7	1967	34	173	182	5.088	0.951	0.187	13.0	24.22
2669	40.9284	117.1079	-253.1	368	QYA	0	0	0	0	44	26.7	1955	54	80	201	1.481	0.398	0.269	13.0	24.21
2670	40.9284	117.1085	-252.2	367	QYA	0	0	0	0	45	26.7	1987	56	90	243	1.607	0.370	0.230	13.0	24.22
2671	40.9284	117.1091	-250.9	366	QYA	0	0	0	0	47	26.7	1927	35	172	193	4.914	0.891	0.181	13.1	24.22
2672	40.9284	117.1098	-248.5	364	QYA	0	0	0	0	37	26.7	2039	45	160	232	3.556	0.690	0.194	13.0	24.23
2673	40.9284	117.1104	-247.3	365	QYA	0	0	0	0	64	26.7	1925	30	174	185	5.800	0.941	0.162	13.1	24.24
2674	40.9284	117.1110	-247.5	365	QYA	0	0	0	0	41	26.7	1932	44	91	240	2.068	0.379	0.183	13.1	24.24
2675	40.9284	117.1116	-246.4	365	QYA	0	0	0	0	46	26.7	1994	29	238	166	8.207	1.434	0.175	13.2	24.24
2676	40.9284	117.1122	-247.0	364	QYA	0	0	0	0	44	26.7	1979	35	118	232	3.371	0.509	0.151	13.2	24.23
2677	40.9284	117.1128	-247.8	363	QYA	0	0	0	0	56	26.7	1972	50	122	201	2.440	0.607	0.249	13.2	24.24
2678	40.9284	117.1134	-249.5	364	QYA	0	0	0	0	46	26.7	1954	57	123	232	2.158	0.530	0.246	13.1	24.23
2679	40.9284	117.1141	-252.0	370	QYA	0	0	0	0	44	26.8	1935	37	159	210	4.297	0.757	0.176	13.2	24.23
2680	40.9284	117.1147	-253.6	376	QYA	0	0	0	0	37	28.7	2036	53	111	201	2.094	0.552	0.264	13.2	24.25
2681	40.9284	117.1153	-257.9	380	QYA	0	0	0	0	39	28.8	2086	59	131	192	2.220	0.682	0.307	13.2	24.23
2682	40.9284	117.1159	-261.3	380	QYA	0	0	0	0	53	28.8	2010	56	145	201	2.589	0.721	0.279	13.2	24.23
2683	40.9284	117.1165	-266.9	382	QYA	0	0	0	0	44	28.8	2041	56	163	183	2.911	0.891	0.306	13.2	24.24
2684	40.9284	117.1171	-266.7	384	QYA	0	0	0	0	40	28.8	2057	41	211	178	5.146	1.185	0.230	13.3	24.24
2685	40.9284	117.1177	-271.4	383	QYA	0	0	0	0	30	28.8	2053	49	156	252	3.184	0.619	0.194	13.3	24.27
2686	40.9284	117.1183	-272.7	384	QYA	0	0	0	0	45	28.8	2084	50	200	187	4.000	1.070	0.267	13.3	24.26
2687	40.9284	117.1190	-273.6	385	QYA	0	0	0	0	46	28.8	2132	55	156	207	2.786	0.754	0.271	13.3	24.26
2688	40.9284	117.1196	-274.2	384	QYA	0	0	0	0	55	28.8	2096	50	200	202	4.000	0.990	0.248	13.2	24.25
2689	40.9284	117.1202	-274.9	380	QYA	0	0	0	0	54	28.8	2086	55	182	191	3.309	0.953	0.288	13.2	24.24
2690	40.9284	117.1208	-275.2	377	QYA	0	0	0	0	43	28.7	2150	66	163	220	2.470	0.741	0.300	13.2	24.24
2691	40.9284	117.1214	-275.9	374	QYA	0	0	0	0	42	28.7	2153	45	227	166	5.044	1.367	0.271	13.2	24.25
2692	40.9284	117.1220	-277.0	370	QYA	0	0	0	0	53	28.6	2171	53	192	207	3.623	0.928	0.256	13.2	24.25
2693	40.9284	117.1226	-277.4	367	QYA	0	0	0	0	51	28.5	2100	52	214	188	4.115	1.138	0.277	13.2	24.27
2694	40.9284	117.1232	-278.6	366	QYA	0	0	0	0	41	28.5	2218	50	145	214	2.900	0.678	0.234	13.1	24.25
2695	40.9284	117.1239	-280.7	367	QYA	0	0	0	0	48	28.5	2057	53	158	168	2.981	0.940	0.315	13.1	24.25
2696	40.9284	117.1245	-282.5	365	QYA	0	0	0	0	39	28.5	1968	57	104	228	1.825	0.456	0.250	13.1	24.25
2697	40.9284	117.1251	-285.2	362	QYA	0	0	0	0	26	28.4	1934	62	144	166	2.323	0.867	0.373	13.2	24.26
2698	40.9284	117.1257	-287.1	357	QYA	0	0	0	0	31	28.4	1912	52	183	159	3.519	1.151	0.327	13.1	24.27
2699	40.9284	117.1263	-290.2	357	QYA	0	0	0	0	39	28.0	1967	62	88	226	1.419	0.389	0.274	13.1	24.27
2700	40.9284	117.1269	-294.0	361	QYA	0	0	0	0	38	28.1	1925	60	82	218	1.367	0.376	0.275	13.1	24.25
2701	40.9284	117.1275	-302.1	370	QYA	0	0	0	0	25	28.3	1975	68	192	130	2.824	1.477	0.523	13.1	24.27

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2702	40.9284	117.1282	-304.9	373	QYA	0	0	0	0	55	28.3	1829	58	146	129	2.517	1.132	0.450	13.0	24.22
2703	40.9284	117.1288	-305.8	378	QYA	0	0	0	0	38	28.4	1932	45	175	159	3.889	1.101	0.283	13.0	24.21
2704	40.9284	117.1294	-304.6	384	QYA	0	0	0	0	57	28.5	1905	65	89	205	1.369	0.434	0.317	13.1	24.21
2705	40.9284	117.1300	-301.6	390	QYA	0	0	0	0	39	28.6	1906	44	128	198	2.909	0.646	0.222	13.0	24.19
2706	40.9284	117.1306	-298.4	398	QYA	0	0	0	0	42	28.7	1867	49	134	155	2.735	0.865	0.316	13.0	24.19
2707	40.9284	117.1312	-296.6	397	QYA	0	0	0	0	52	28.7	1908	54	79	195	1.463	0.405	0.277	13.0	24.21
2708	40.9284	117.1318	-295.2	398	QYA	0	0	0	0	37	28.8	1973	56	125	181	2.232	0.691	0.309	13.0	24.22
2709	40.9284	117.1324	-294.1	388	QYA	0	0	0	0	38	28.6	1901	54	119	169	2.204	0.704	0.320	13.0	24.23
2710	40.9284	117.1331	-293.8	385	QYA	0	0	0	0	40	28.5	1901	65	127	142	1.954	0.894	0.458	13.0	24.23
2711	40.9284	117.1337	-292.7	380	QYA	0	0	0	0	45	28.4	1968	52	91	201	1.750	0.453	0.259	13.0	24.24
2712	40.9284	117.1343	-294.3	377	QYA	0	0	0	0	41	28.4	2014	53	178	180	3.358	0.989	0.294	13.1	24.25
2713	40.9284	117.1349	-297.7	374	QYA	0	0	0	0	43	28.3	2004	42	169	191	4.024	0.885	0.220	13.1	24.26
2714	40.9284	117.1355	-300.8	370	QYA	0	0	0	0	48	28.3	1998	69	59	204	0.855	0.289	0.338	13.0	24.23
2715	40.9284	117.1361	-302.0	367	QYA	0	0	0	0	38	28.2	1987	68	167	157	2.456	1.064	0.433	13.0	24.25
2716	40.9284	117.1367	-298.6	370	QYA	0	0	0	0	37	28.3	2007	58	100	194	1.724	0.515	0.299	12.9	24.22
2717	40.9284	117.1374	-298.4	376	QYA	0	0	0	0	28	28.4	1980	61	131	172	2.148	0.762	0.355	13.0	24.24
2718	40.9284	117.1380	-295.3	376	QYA	0	0	0	0	47	29.6	1928	54	145	166	2.685	0.873	0.325	13.0	24.23
2719	40.9284	117.1386	-293.6	377	QYA	0	0	0	0	49	29.6	1983	57	150	196	2.632	0.765	0.291	12.9	24.23
2720	40.9284	117.1392	-291.5	380	QYA	0	0	0	0	42	29.7	1920	78	32	207	0.410	0.155	0.377	13.0	24.25
2721	40.9284	117.1398	-289.5	386	QYA	0	0	0	0	42	29.8	1957	59	59	230	1.000	0.257	0.257	13.0	24.24
2722	40.9284	117.1404	-288.1	392	QYA	0	0	0	0	44	29.9	1971	74	130	128	1.757	1.016	0.578	13.0	24.23
2723	40.9284	117.1410	-286.7	393	QYA	0	0	0	0	41	29.9	1963	58	40	214	0.690	0.187	0.271	13.1	24.25
2724	40.9284	117.1416	-285.8	395	QYA	0	0	0	0	45	29.9	1950	51	130	154	2.549	0.844	0.331	13.0	24.23
2725	40.9284	117.1423	-282.2	394	QYA	0	0	0	0	54	29.9	1961	61	81	177	1.328	0.458	0.345	12.9	24.25
2726	40.9284	117.1429	-277.1	391	QYA	0	0	0	0	51	29.9	1959	45	114	200	2.533	0.570	0.225	12.9	24.24
2727	40.9284	117.1435	-272.7	388	QYA	0	0	0	0	44	29.8	1900	56	72	208	1.286	0.346	0.269	12.9	24.24
2728	40.9284	117.1441	-271.8	387	QYA	0	0	0	0	44	29.8	1848	37	114	197	3.081	0.579	0.188	12.9	24.23
2729	40.9284	117.1447	-270.5	389	QYA	0	0	0	0	36	29.8	1949	63	72	213	1.143	0.338	0.296	12.8	24.24
2730	40.9284	117.1453	-270.6	384	QYA	0	0	0	0	47	29.7	1908	77	29	207	0.377	0.140	0.372	12.8	24.24
2731	40.9284	117.1459	-269.7	385	QYA	0	0	0	0	48	29.7	1949	47	123	190	2.617	0.647	0.247	12.7	24.24
2732	40.9284	117.1465	-271.8	385	QYA	0	0	0	0	50	29.8	1922	46	115	198	2.500	0.581	0.232	12.7	24.25
2733	40.9284	117.1472	-271.7	385	QYA	0	0	0	0	48	29.8	1905	51	60	236	1.176	0.254	0.216	12.7	24.25
2734	40.9284	117.1478	-273.8	389	QYA	0	0	0	0	59	29.8	1894	62	69	207	1.113	0.333	0.300	12.7	24.26
2735	40.9284	117.1484	-271.9	390	QYA	0	0	0	0	50	29.8	1931	72	60	208	0.833	0.288	0.346	12.6	24.25
2736	40.9284	117.1490	-271.5	394	QYA	0	0	0	0	43	29.9	1941	79	59	211	0.747	0.280	0.374	12.6	24.27
2737	40.9284	117.1496	-270.3	397	QYA	0	0	0	0	56	30.2	1957	54	114	179	2.111	0.637	0.302	12.6	24.25
2738	40.9284	117.1502	-267.4	397	QYA	0	0	0	0	47	30.2	1982	71	62	202	0.873	0.307	0.351	12.5	24.22
2739	40.9284	117.1508	-265.6	395	QYA	0	0	0	0	40	30.2	2020	55	160	197	2.909	0.812	0.279	12.4	24.22
2740	40.9284	117.1515	-263.2	394	QYA	0	0	0	0	45	30.2	1824	57	78	158	1.368	0.494	0.361	12.5	24.23
2741	40.9284	117.1521	-262.3	392	QYA	0	0	0	0	40	30.1	1942	69	81	171	1.191	0.474	0.398	12.3	24.23
2742	40.9284	117.1527	-259.5	390	QYA	0	0	0	0	43	30.1	1923	44	118	182	2.682	0.648	0.242	12.3	24.22
2743	40.9284	117.1533	-255.8	390	QYA	0	0	0	0	49	30.1	1886	62	58	218	0.935	0.266	0.284	12.2	24.21
2744	40.9284	117.1539	-252.2	385	QYA	0	0	0	0	40	30.0	1982	64	129	180	2.016	0.717	0.356	12.2	24.23
2745	40.9284	117.1545	-251.6	381	QYA	0	0	0	0	32	29.9	1921	87	31	219	0.356	0.142	0.397	12.3	24.24
2746	40.9284	117.1551	-253.3	378	QYA	0	0	0	0	36	29.9	1838	49	67	207	1.367	0.324	0.237	12.3	24.26
2747	40.9284	117.1557	-255.9	374	QYA	0	0	0	0	43	29.8	1906	61	91	211	1.492	0.431	0.289	12.4	24.27
2748	40.9284	117.1564	-258.3	376	QYA	0	0	0	0	32	29.9	1953	40	147	193	3.675	0.762	0.207	12.4	24.27
2749	40.9284	117.1570	-260.7	372	QYA	0	0	0	0	51	29.8	1919	84	35	190	0.417	0.184	0.442	12.4	24.27
2750	40.9284	117.1576	-269.5	374	QYA	0	0	0	0	34	29.8	1884	59	47	209	0.797	0.225	0.282	12.4	24.27
2751	40.9284	117.1582	-276.1	375	QYA	0	0	0	0	44	29.8	1938	55	85	213	1.545	0.399	0.258	12.3	24.25
2752	40.9284	117.1588	-280.7	377	QYA	0	0	0	0	42	29.9	1904	55	160	164	2.909	0.976	0.335	12.2	24.26
2753	40.9284	117.1594	-283.8	379	QYA	0	0	0	0	41	29.9	1936	49	115	208	2.347	0.553	0.236	12.2	24.23
2754	40.9284	117.1600	-285.9	383	QYA	0	0	0	0	63	30.0	1949	57	75	221	1.316	0.339	0.258	12.2	24.21
2755	40.9284	117.1607	-285.5	391	QYA	0	0	0	0	35	30.1	2001	54	86	234	1.593	0.368	0.231	12.2	24.21

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2756	40.9284	117.1613	-284.0	397	QYA	0	0	0	0	43	32.1	1936	55	111	172	2.018	0.645	0.320	12.3	24.21
2757	40.9284	117.1619	-279.9	395	QYA	0	0	0	0	42	32.0	1961	61	79	176	1.295	0.449	0.347	12.3	24.22
2758	40.9284	117.1625	-273.5	395	QYA	0	0	0	0	23	32.0	1966	49	141	181	2.878	0.779	0.271	12.3	24.22
2759	40.9284	117.1631	-264.9	393	QYA	0	0	0	0	44	32.0	1883	40	156	153	3.900	1.020	0.261	12.4	24.23
2760	40.9284	117.1637	-251.3	388	QYA	0	0	0	0	43	31.9	1946	56	154	150	2.750	1.027	0.373	12.4	24.23
2761	40.9284	117.1643	-239.0	384	QYA	0	0	0	0	38	31.8	1921	56	105	174	1.875	0.603	0.322	12.5	24.24
2762	40.9284	117.1649	-229.3	383	QYA	0	0	0	0	38	31.8	1935	60	129	193	2.150	0.668	0.311	12.5	24.26
2763	40.9285	117.1656	-229.7	382	QYA	0	0	0	0	48	31.8	1886	48	130	184	2.708	0.707	0.261	12.5	24.25
2764	40.9285	117.1662	-237.3	386	QYA	0	0	0	0	52	31.9	1913	63	71	172	1.127	0.413	0.366	12.5	24.24
2765	40.9285	117.1668	-257.2	384	QYA	0	0	0	0	44	31.8	1965	35	171	176	4.886	0.972	0.199	12.6	24.23
2766	40.9285	117.1674	-257.1	380	QYA	0	0	1	0	34	31.7	1890	74	16	219	0.216	0.073	0.338	12.6	24.23
2767	40.9285	117.1680	-271.7	380	QYA	0	0	0	0	55	31.7	1862	54	70	212	1.296	0.330	0.255	12.6	24.23
2768	40.9285	117.1686	-273.8	379	QYA	0	0	0	0	47	31.7	1836	41	72	219	1.756	0.329	0.187	12.5	24.23
2769	40.9285	117.1692	-273.4	385	QYA	0	0	0	0	42	31.8	1911	63	48	219	0.762	0.219	0.288	12.6	24.23
2770	40.9285	117.1698	-272.8	386	QYA	0	0	0	0	39	31.8	1846	56	56	197	1.000	0.284	0.284	12.6	24.22
2771	40.9285	117.1705	-271.1	385	QYA	0	0	0	0	45	31.8	1858	47	170	144	3.617	1.181	0.326	12.6	24.21
2772	40.9285	117.1711	-271.2	388	QYA	0	0	0	0	42	31.9	1874	65	83	174	1.277	0.477	0.374	12.7	24.22
2773	40.9285	117.1717	-268.1	385	QYA	0	0	0	0	35	31.8	1876	63	93	161	1.476	0.578	0.391	12.7	24.23
2774	40.9285	117.1723	-263.5	383	QYA	0	0	0	0	53	31.8	1785	34	130	178	3.824	0.730	0.191	12.7	24.24
2775	40.9285	117.1729	-258.9	385	QYA	0	0	0	0	38	32.8	1873	41	107	181	2.610	0.591	0.227	12.8	24.25
2776	40.9285	117.1735	-256.5	385	QYA	0	0	0	0	45	32.8	1808	53	97	167	1.830	0.581	0.317	12.8	24.26
2777	40.9285	117.1741	-255.8	387	QYA	0	0	0	0	39	32.9	1911	55	101	206	1.836	0.490	0.267	12.9	24.29
2778	40.9285	117.1748	-255.4	386	QYA	0	0	0	0	33	32.8	1909	58	132	162	2.276	0.815	0.358	12.9	24.28
2779	40.9285	117.1754	-256.6	384	QYA	0	0	0	0	41	32.8	1778	49	152	140	3.102	1.086	0.350	12.9	24.28
2780	40.9285	117.1760	-255.0	379	QYA	0	0	0	0	32	32.7	1839	59	53	211	0.898	0.251	0.280	12.9	24.28
2781	40.9285	117.1766	-250.1	380	QYA	0	0	0	0	35	32.7	1848	54	146	158	2.704	0.924	0.342	12.9	24.26
2782	40.9285	117.1773	-243.4	382	QYA	0	0	0	0	48	32.8	1894	66	36	185	0.545	0.195	0.357	12.9	24.27
2783	40.9285	117.1779	-225.5	383	QYA	0	0	0	0	50	32.8	1791	48	114	144	2.375	0.792	0.333	13.0	24.27
2784	40.9285	117.1786	-221.9	384	QYA	0	0	0	0	41	32.8	1818	53	100	177	1.887	0.565	0.299	12.9	24.25
2785	40.9285	117.1792	-222.5	388	QYA	0	0	0	0	46	32.9	1847	46	129	170	2.804	0.759	0.271	12.9	24.24
2786	40.9285	117.1799	-226.6	392	QYA	0	0	0	0	47	33.0	1789	43	95	181	2.209	0.525	0.238	13.0	24.24
2787	40.9286	117.1806	-232.9	397	QYA	0	0	0	0	57	33.1	1779	42	118	173	2.810	0.682	0.243	12.9	24.23
2788	40.9286	117.1812	-237.7	398	QYA	0	0	0	0	43	33.1	1836	68	84	134	1.235	0.627	0.507	13.0	24.23
2789	40.9286	117.1819	-248.3	403	QYA	0	0	0	0	49	33.2	1736	48	79	133	1.646	0.594	0.361	13.0	24.25
2790	40.9286	117.1825	-255.4	404	QYA	0	0	0	0	46	33.2	1717	38	89	164	2.342	0.543	0.232	13.0	24.25
2791	40.9286	117.1832	-259.3	402	QYA	0	0	0	0	51	33.2	1825	48	104	185	2.167	0.562	0.259	13.1	24.24
2792	40.9286	117.1839	-258.2	400	QYA	0	0	0	0	26	33.1	1748	49	94	163	1.918	0.577	0.301	13.1	24.25
2793	40.9287	117.1845	-253.3	397	QYA	0	0	0	0	37	33.1	1751	41	94	166	2.293	0.566	0.247	13.1	24.25
2794	40.9287	117.1852	-250.7	395	QYA	0	0	0	0	39	35.2	1730	35	146	130	4.171	1.123	0.269	13.2	24.28
2795	40.9287	117.1859	-250.8	392	QYA	0	0	0	0	34	35.2	1829	29	169	133	6.036	1.271	0.211	13.2	24.27
2796	40.9287	117.1865	-253.2	388	QYA	0	0	0	0	35	35.1	1778	42	162	117	3.857	1.385	0.359	13.1	24.26
2797	40.9287	117.1872	-253.1	386	QYA	0	0	0	0	37	35.0	1798	56	66	195	1.179	0.338	0.287	13.1	24.25
2798	40.9287	117.1878	-247.3	384	QYA	0	0	0	0	36	35.0	1759	53	116	112	2.189	1.036	0.473	13.2	24.24
2799	40.9287	117.1885	-247.1	382	QYA	0	0	0	0	36	35.0	1760	40	102	181	2.550	0.564	0.221	13.3	24.25
2800	40.9288	117.1892	-238.7	380	QYA	0	0	0	0	42	34.9	1779	51	33	196	0.647	0.168	0.260	13.2	24.25
2801	40.9288	117.1898	-238.4	375	QYA	0	0	0	0	30	34.8	1715	49	79	169	1.612	0.467	0.290	13.2	24.24
2802	40.9288	117.1905	-244.0	376	QYA	0	0	0	0	54	34.8	1736	49	97	138	1.980	0.703	0.355	13.2	24.25
2803	40.9288	117.1911	-249.6	373	QYA	0	0	1	0	43	34.8	1760	68	19	186	0.279	0.102	0.366	13.1	24.23
2804	40.9288	117.1918	-252.3	372	QYA	0	0	0	0	42	34.7	1742	40	128	166	3.200	0.771	0.241	13.2	24.23
2805	40.9288	117.1925	-251.9	372	QYA	0	0	0	0	40	34.7	1745	46	99	162	2.152	0.611	0.284	13.2	24.25
2806	40.9289	117.1931	-251.5	373	QYA	0	0	0	0	40	34.8	1827	65	66	153	1.015	0.431	0.425	13.3	24.25
2807	40.9289	117.1938	-252.1	372	QYA	0	0	0	0	55	34.7	1742	54	44	192	0.815	0.229	0.281	13.3	24.26
2808	40.9289	117.1944	-256.2	373	QYA	0	0	0	0	46	34.8	1816	57	88	165	1.544	0.533	0.345	13.3	24.25
2809	40.9289	117.1951	-260.9	370	QYA	0	0	0	0	50	34.7	1768	55	112	148	2.036	0.757	0.372	13.3	24.26

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2810	40.9289	117.1958	-262.7	375	QYA	0	0	0	0	45	34.8	1682	57	81	144	1.421	0.563	0.396	13.4	24.28
2811	40.9289	117.1964	-257.0	375	QYA	0	0	0	0	38	34.8	1741	55	102	138	1.855	0.739	0.399	13.4	24.28
2812	40.9289	117.1971	-251.7	376	QYA	0	0	0	0	34	34.8	1675	44	115	160	2.614	0.719	0.275	13.3	24.26
2813	40.9290	117.1978	-249.0	377	QYA	0	0	0	0	34	37.1	1696	59	79	148	1.339	0.534	0.399	13.3	24.24
2814	40.9290	117.1984	-253.1	380	QYA	0	0	0	0	29	37.1	1642	37	124	148	3.351	0.838	0.250	13.3	24.25
2815	40.9290	117.1991	-252.9	382	QYA	0	0	0	0	42	37.2	1627	61	64	101	1.049	0.634	0.604	13.3	24.23
2816	40.9290	117.1997	-254.6	382	QYA	0	0	0	0	47	37.2	1626	37	98	132	2.649	0.742	0.280	13.3	24.25
2817	40.9290	117.2004	-246.4	382	QYA	0	0	0	0	46	37.2	1511	41	73	135	1.780	0.541	0.304	13.3	24.22
2818	40.9290	117.2011	-230.0	384	QYA	0	0	0	0	31	37.2	1602	66	42	118	0.636	0.356	0.559	13.3	24.23
2819	40.9291	117.2017	-208.8	389	QYA	0	0	0	0	42	37.3	1572	36	85	128	2.361	0.664	0.281	13.3	24.23
2820	40.9291	117.2024	-189.5	388	QYA	0	0	0	0	48	37.3	1529	41	45	169	1.098	0.266	0.243	13.3	24.23
2821	40.9291	117.2030	-179.6	390	QYA	0	0	0	0	41	37.4	1456	31	92	104	2.968	0.885	0.298	13.3	24.24
2822	40.9291	117.2037	-182.7	392	QYA	0	0	0	0	33	37.4	1487	53	80	100	1.509	0.800	0.530	13.3	24.24
2823	40.9291	117.2044	-192.5	397	QYA	0	0	0	0	33	37.5	1478	50	67	91	1.340	0.736	0.549	13.3	24.25
2824	40.9291	117.2050	-207.1	403	QYA	0	0	0	0	34	37.7	1452	41	103	95	2.512	1.084	0.432	13.3	24.25
2825	40.9291	117.2057	-220.1	409	QYA	0	0	0	0	44	37.8	1410	35	49	141	1.400	0.348	0.248	13.3	24.24
2826	40.9292	117.2064	-227.0	411	QYA	0	0	0	0	37	37.8	1452	57	81	69	1.421	1.174	0.826	13.4	24.26
2827	40.9292	117.2070	-225.3	409	QYA	0	0	0	0	33	37.8	1431	42	103	104	2.452	0.990	0.404	13.3	24.23
2828	40.9292	117.2077	-212.7	409	QYA	0	0	0	0	39	37.8	1407	34	54	112	1.588	0.482	0.304	13.4	24.27
2829	40.9292	117.2083	-187.1	411	QYA	0	0	0	0	41	37.8	1327	43	63	91	1.465	0.692	0.473	13.2	24.23
2830	40.9292	117.2090	-160.6	423	QYA	0	0	0	0	44	38.1	1314	32	66	60	2.063	1.100	0.533	13.3	24.22
2831	40.9292	117.2097	-128.9	424	QYA	0	0	1	0	36	38.1	1232	41	21	113	0.512	0.186	0.363	13.2	24.22
2832	40.9293	117.2103	-128.8	425	QYA	0	0	0	0	49	42.0	1300	34	60	92	1.765	0.652	0.370	13.2	24.22
2833	40.9293	117.2110	-136.4	427	QYA	0	0	0	0	43	42.0	1336	27	88	85	3.259	1.035	0.318	13.1	24.21
2834	40.9293	117.2116	-136.5	425	QYA	0	0	0	0	36	42.0	1304	37	25	115	0.676	0.217	0.322	13.2	24.19
2835	40.9293	117.2123	-127.9	423	QYA	0	0	0	0	46	42.0	1351	31	30	109	0.968	0.275	0.284	13.2	24.20
2836	40.9293	117.2130	-117.8	421	QYA	0	0	0	0	36	41.9	1333	30	103	51	3.433	2.020	0.588	13.1	24.20
2837	40.9293	117.2136	-113.9	418	QYA	0	0	0	0	56	41.8	1298	39	32	69	0.821	0.464	0.565	13.2	24.20
2838	40.9294	117.2143	-116.3	418	QYA	0	0	0	0	41	41.8	1235	32	34	80	1.063	0.425	0.400	13.2	24.23
2839	40.9294	117.2150	-123.7	411	QYA	0	0	0	0	24	41.7	1225	33	73	74	2.212	0.986	0.446	13.3	24.23
2840	40.9294	117.2156	-130.1	409	QYA	0	0	1	0	41	41.6	1299	35	19	108	0.543	0.176	0.324	13.3	24.23
2841	40.9294	117.2163	-130.0	404	QYA	0	0	0	0	31	41.5	1302	45	24	83	0.533	0.289	0.542	13.2	24.24
2842	40.9294	117.2169	-124.1	400	QYA	0	0	0	0	41	41.4	1356	38	106	58	2.789	1.828	0.655	13.2	24.26
2843	40.9294	117.2176	-118.0	400	QYA	0	0	0	0	34	41.4	1309	23	78	123	3.391	0.634	0.187	13.4	24.28
2844	40.9294	117.2183	-111.9	398	QYA	0	0	0	0	46	41.3	1383	47	26	118	0.553	0.220	0.398	13.4	24.28
2845	40.9295	117.2189	-109.5	396	QYA	0	0	0	0	55	41.3	1360	32	73	87	2.281	0.839	0.368	13.3	24.28
2846	40.9295	117.2196	-110.1	397	QYA	0	0	1	0	41	41.3	1364	49	-14	140	-0.286	-0.100	0.350	13.3	24.26
2847	40.9295	117.2202	-123.2	400	QYA	0	0	0	0	41	41.4	1398	46	62	84	1.348	0.738	0.548	13.3	24.25
2848	40.9295	117.2209	-123.1	402	QYA	0	0	0	0	52	41.4	1405	38	33	112	0.868	0.295	0.339	13.2	24.25
2849	40.9295	117.2216	-144.7	403	QYA	0	0	0	0	46	41.5	1380	33	71	95	2.152	0.747	0.347	12.9	24.25
2850	40.9295	117.2222	-159.5	403	QYA	0	0	0	0	36	41.5	1412	40	55	105	1.375	0.524	0.381	12.5	24.23
2851	40.9296	117.2229	-174.1	400	QYA	0	0	0	0	43	41.3	1445	37	50	114	1.351	0.439	0.325	12.2	24.26
2852	40.9296	117.2235	-174.0	398	QYA	0	0	1	0	38	41.2	1433	50	7	128	0.140	0.055	0.391	12.0	24.26
2853	40.9296	117.2242	-197.9	396	QYA	0	0	0	0	42	41.1	1461	47	43	105	0.915	0.410	0.448	11.8	24.25
2854	40.9296	117.2249	-210.0	395	QYA	0	0	1	0	52	41.1	1422	37	19	115	0.514	0.165	0.322	11.6	24.26
2855	40.9296	117.2255	-221.9	396	QYA	0	0	0	0	35	41.2	1409	37	64	122	1.730	0.525	0.303	11.5	24.27
2856	40.9296	117.2262	-235.2	401	QYA	0	0	0	0	28	41.3	1601	33	120	119	3.636	1.008	0.277	11.4	24.27
2857	40.9296	117.2269	-238.3	409	QYA	0	0	0	0	38	41.5	1533	45	101	73	2.244	1.384	0.616	11.4	24.25
2858	40.9297	117.2275	-242.6	408	QYA	0	0	0	0	49	41.5	1553	37	103	94	2.784	1.096	0.394	11.5	24.25
2859	40.9297	117.2282	-248.7	409	QYA	0	0	0	0	32	41.5	1463	43	33	125	0.767	0.264	0.344	11.5	24.27
2860	40.9297	117.2288	-251.3	409	QYA	0	0	1	0	50	41.5	1536	51	21	158	0.412	0.133	0.323	11.4	24.28
2861	40.9297	117.2295	-258.5	405	QYA	0	0	1	0	41	41.4	1505	58	-5	151	-0.086	-0.033	0.384	11.3	24.27
2862	40.9297	117.2302	-265.6	405	QYA	0	0	0	0	43	41.4	1484	30	92	117	3.067	0.786	0.256	11.0	24.27
2863	40.9297	117.2308	-264.8	402	QYA	0	0	0	0	48	41.3	1535	33	113	112	3.424	1.009	0.295	10.8	24.27

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2864	40.9298	117.2315	-312.9	400	QYA	0	0	0	0	52	41.2	1527	27	96	132	3.556	0.727	0.205	10.5	24.25
2865	40.9298	117.2321	-249.3	398	QYA	0	0	0	0	49	41.2	1480	51	27	153	0.529	0.176	0.333	10.3	24.27
2866	40.9298	117.2328	-245.2	394	QYA	0	0	0	0	52	41.1	1632	36	75	141	2.083	0.532	0.255	10.0	24.25
2867	40.9298	117.2335	-258.3	388	QYA	0	0	0	0	45	41.0	1567	42	89	128	2.119	0.695	0.328	9.8	24.25
2868	40.9298	117.2341	-260.7	385	QYA	0	0	0	0	51	40.9	1513	46	59	128	1.283	0.461	0.359	9.7	24.27
2869	40.9298	117.2348	-285.6	385	QYA	0	0	0	0	40	40.9	1528	26	56	160	2.154	0.350	0.162	9.5	24.27
2870	40.9298	117.2355	-287.5	382	QYA	0	0	0	0	62	38.5	1585	37	84	150	2.270	0.560	0.247	9.3	24.27
2871	40.9299	117.2361	-304.1	384	QYA	0	0	0	0	46	38.6	1500	35	116	100	3.314	1.160	0.350	9.2	24.30
2872	40.9299	117.2368	-317.4	383	QYA	0	0	0	0	48	38.6	1602	49	30	154	0.612	0.195	0.318	9.1	24.27
2873	40.9299	117.2374	-334.3	385	QYA	0	0	0	0	41	38.6	1566	47	59	135	1.255	0.437	0.348	9.0	24.27
2874	40.9299	117.2381	-340.4	384	QYA	0	0	0	0	54	38.6	1664	42	116	107	2.762	1.084	0.393	9.0	24.28
2875	40.9299	117.2388	-347.5	388	QYA	0	0	0	0	42	38.7	1661	47	47	171	1.000	0.275	0.275	8.9	24.30
2876	40.9299	117.2394	-350.8	392	QYA	0	0	0	0	32	38.8	1605	44	98	135	2.227	0.726	0.326	8.9	24.28
2877	40.9300	117.2401	-360.9	396	QYA	0	0	0	0	51	38.9	1607	45	64	129	1.422	0.496	0.349	8.9	24.29
2878	40.9300	117.2407	-372.5	397	QYA	0	0	0	0	46	38.9	1714	40	53	186	1.325	0.285	0.215	8.8	24.26
2879	40.9300	117.2414	-384.4	398	QYA	0	0	0	0	39	38.9	1653	29	86	182	2.966	0.473	0.159	8.7	24.25
2880	40.9300	117.2421	-394.5	401	QYA	0	0	0	0	54	39.0	1680	49	110	126	2.245	0.873	0.389	8.7	24.25
2881	40.9300	117.2427	-394.3	401	QYA	0	0	0	0	36	39.0	1680	53	104	118	1.962	0.881	0.449	8.6	24.24
2882	40.9300	117.2434	-399.7	402	QYA	0	0	0	0	58	39.0	1639	53	36	126	0.679	0.286	0.421	8 5	24.26
2883	40.9301	117.2440	-398.8	399	QYA	0	0	0	0	37	38.9	1582	55	111	98	2.018	1.133	0.561	8.3	24.25
2884	40.9301	117.2447	-393.7	398	QYA	0	0	0	0	43	38.9	1663	49	100	141	2.041	0.709	0.348	8.2	24.25
2885	40.9301	117.2454	-387.8	392	QYA	0	0	0	0	35	38.8	1560	50	74	137	1.480	0.540	0.365	8.1	24.24
2886	40.9301	117.2460	-379.7	389	QYA	0	0	1	0	42	38.7	1628	53	15	167	0.283	0.090	0.317	8.0	24.25
2887	40.9301	117.2467	-370.9	387	QYA	0	0	0	0	44	38.6	1544	38	66	140	1.737	0.471	0.271	8.0	24.26
2888	40.9301	117.2474	-361.8	382	QYA	0	0	0	0	31	38.5	1618	51	86	123	1.686	0.699	0.415	7.9	24.27
2889	40.9301	117.2480	-351.7	377	QYA	0	0	0	0	48	37.7	1554	33	99	162	3.000	0.611	0.204	7.9	24.27
2890	40.9302	117.2487	-337.5	376	QYA	0	0	0	0	35	37.7	1644	38	81	169	2.132	0.479	0.225	8.0	24.27
2891	40.9302	117.2493	-317.9	377	QYA	0	0	0	0	53	37.7	1612	34	123	130	3.618	0.946	0.262	7.9	24.27
2892	40.9302	117.2500	-306.8	375	QYA	0	0	0	0	35	37.7	1738	69	78	130	1.130	0.600	0.531	7.9	24.30
2893	40.9302	117.2507	-298.4	373	QYA	0	0	0	0	47	37.6	1720	41	144	122	3.512	1.180	0.336	8.0	24.31
2894	40.9302	117.2513	-294.0	375	QYA	0	0	0	0	37	37.7	1689	55	69	167	1.255	0.413	0.329	8.0	24.30
2895	40.9302	117.2520	-289.1	374	QYA	0	0	0	0	41	37.7	1698	56	77	155	1.375	0.497	0.361	8.0	24.29
2896	40.9303	117.2526	-287.7	382	QYA	0	0	0	0	40	37.8	1688	42	110	156	2.619	0.705	0.269	8.0	24.29
2897	40.9303	117.2533	-284.3	383	QYA	0	0	0	0	56	37.9	1649	50	37	164	0.740	0.226	0.305	7.9	24.29
2898	40.9303	117.2540	-277.1	389	QYA	0	0	0	0	41	38.0	1615	35	108	141	3.086	0.766	0.248	8.0	24.27
2899	40.9303	117.2546	-274.7	394	QYA	0	0	0	0	42	38.1	1725	40	113	141	2.825	0.801	0.284	7.9	24.26
2900	40.9303	117.2553	-271.7	400	QYA	0	0	0	0	59	38.2	1597	34	84	141	2.471	0.596	0.241	7.9	24.25
2901	40.9303	117.2560	-272.4	398	QYA	0	0	0	0	39	38.2	1633	44	32	178	0.727	0.180	0.247	8.0	24.25
2902	40.9303	117.2566	-275.2	398	QYA	0	0	0	0	32	38.2	1565	29	75	158	2.586	0.475	0.184	8.0	24.23
2903	40.9304	117.2573	-275.1	392	QYA	0	0	0	0	45	38.1	1609	37	115	139	3.108	0.827	0.266	8.0	24.25
2904	40.9304	117.2579	-275.5	389	QYA	0	0	0	0	32	38.0	1615	48	80	136	1.667	0.588	0.353	8.0	24.25
2905	40.9304	117.2586	-283.7	387	QYA	0	0	0	0	38	38.0	1555	38	97	131	2.553	0.740	0.290	8.0	24.25
2906	40.9304	117.2593	-275.3	389	QYA	0	0	0	0	39	38.0	1572	55	31	141	0.564	0.220	0.390	7.9	24.23
2907	40.9304	117.2599	-275.6	393	QYA	0	0	0	0	38	38.1	1580	46	43	150	0.935	0.287	0.307	7.9	24.24
2908	40.9304	117.2606	-274.4	398	QYA	0	0	0	0	33	37.3	1508	39	111	93	2.846	1.194	0.419	7.8	24.23
2909	40.9305	117.2612	-282.5	399	QYA	0	0	0	0	38	37.3	1569	42	82	135	1.952	0.607	0.311	7.9	24.25
2910	40.9305	117.2619	-279.1	403	QYA	0	0	0	0	38	37.4	1591	45	100	143	2.222	0.699	0.315	7.9	24.27
2911	40.9305	117.2624	-288.7	411	QYA	0	0	0	0	44	37.6	1671	34	50	169	1.471	0.296	0.201	7.8	24.24
2912	40.9305	117.2630	-488.6	411	QYA	0	0	0	0	40	37.6	1685	33	117	169	3.545	0.692	0.195	7.8	24.24
2913	40.9305	117.2635	-286.0	411	QYA	0	0	0	0	46	37.6	1560	44	58	134	1.318	0.433	0.328	7.8	24.25
2914	40.9305	117.2640	-285.9	406	QYA	0	0	0	0	36	37.5	1575	52	99	119	1.904	0.832	0.437	8.0	24.26
2915	40.9305	117.2645	-277.3	401	QYA	0	0	0	0	43	37.4	1648	26	123	135	4.731	0.911	0.193	7.9	24.27
2916	40.9305	117.2650	-275.3	395	QYA	0	0	0	0	37	37.3	1734	41	139	111	3.390	1.252	0.369	7.9	24.25
2917	40.9305	117.2656	-272.9	398	QYA	0	0	0	0	37	37.3	1722	49	93	159	1.898	0.585	0.308	7.9	24.23

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2918	40.9305	117.2661	-268.0	399	QYA	0	0	0	0	48	37.3	1655	37	91	149	2.459	0.611	0.248	7.8	24.24
2919	40.9306	117.2666	-278.1	401	QYA	0	0	0	0	23	37.4	1700	46	76	183	1.652	0.415	0.251	7.8	24.24
2920	40.9306	117.2671	-263.8	403	QYA	0	0	0	0	34	37.4	1679	40	134	120	3.350	1.117	0.333	7.8	24.22
2921	40.9306	117.2677	-260.4	403	QYA	0	0	0	0	51	37.4	1741	53	88	160	1.660	0.550	0.331	7.8	24.22
2922	40.9306	117.2682	-255.8	402	QYA	0	0	0	0	43	37.4	1708	44	107	155	2.432	0.690	0.284	7.8	24.24
2923	40.9306	117.2687	-254.9	402	QYA	0	0	0	0	45	37.4	1745	34	121	178	3.559	0.680	0.191	7.9	24.25
2924	40.9306	117.2692	-245.6	405	QYA	0	0	0	0	42	37.5	1632	48	106	109	2.208	0.972	0.440	8.0	24.23
2925	40.9306	117.2698	-247.9	410	QYA	0	0	0	0	49	37.6	1683	65	32	160	0.492	0.200	0.406	8.1	24.23
2926	40.9306	117.2703	-242.7	418	QYA	0	0	0	0	70	37.7	1727	40	57	152	1.425	0.375	0.263	8.3	24.24
2927	40.9306	117.2708	-243.1	424	QYA	0	0	0	0	46	37.8	1680	45	80	155	1.778	0.516	0.290	8.4	24.23
2928	40.9306	117.2713	-240.4	433	QYA	0	0	0	0	44	38.0	1693	51	55	164	1.078	0.335	0.311	8.5	24.23
2929	40.9307	117.2719	-244.2	441	QYA	0	0	0	0	46	38.1	1677	49	119	135	2.429	0.881	0.363	8.6	24.22
2930	40.9307	117.2724	-247.6	447	QYA	0	0	0	0	38	38.3	1773	44	122	143	2.773	0.853	0.308	8.7	24.22
2931	40.9307	117.2729	-249.7	451	QYA	0	0	0	0	41	38.4	1743	47	81	179	1.723	0.453	0.263	8.9	24.23
2932	40.9307	117.2734	-255.5	455	QYA	0	0	0	0	43	38.4	1756	55	86	152	1.564	0.566	0.362	8.9	24.20
2933	40.9307	117.2739	-325.7	454	QYA	0	0	0	0	52	38.4	1695	37	111	132	3.000	0.841	0.280	9.0	24.21
2934	40.9307	117.2745	-254.3	455	QYA	0	0	1	0	49	38.4	1743	77	2	171	0.026	0.012	0.450	9.0	24.20
2935	40.9307	117.2750	-241.7	452	QYA	0	0	0	0	45	38.4	1747	43	57	188	1.326	0.303	0.229	9.1	24.21
2936	40.9307	117.2755	-219.6	447	QYA	0	0	0	0	47	38.3	1695	58	35	149	0.603	0.235	0.389	9.1	24.19
2937	40.9307	117.2760	-196.9	439	QYA	0	0	0	0	37	38.1	1629	40	46	161	1.150	0.286	0.248	9.1	24.20
2938	40.9307	117.2766	-174.3	432	QYA	0	0	0	0	42	37.9	1657	44	98	109	2.227	0.899	0.404	9.1	24.20
2939	40.9308	117.2771	-169.8	423	QYA	0	0	0	0	57	37.8	1639	42	92	114	2.190	0.807	0.368	9.1	24.21
2940	40.9308	117.2776	-185.5	411	QOA1	0	0	0	0	46	37.5	1699	27	104	152	3.852	0.684	0.178	9.0	24.21
2941	40.9308	117.2781	-185.5	402	QOA1	0	0	0	0	46	37.3	1711	60	35	158	0.583	0.222	0.380	9.0	24.22
2942	40.9308	117.2787	-216.9	393	QOA1	0	0	0	0	30	37.1	1782	53	109	158	2.057	0.690	0.335	9.0	24.24
2943	40.9308	117.2792	-216.9	375	QOA1	0	0	0	0	45	36.7	1722	55	57	163	1.036	0.350	0.337	9.1	24.27
2944	40.9308	117.2797	-392.9	369	QOA1	0	0	0	0	43	36.6	1790	40	158	141	3.950	1.121	0.284	9.0	24.24
2945	40.9308	117.2802	-759.0	372	QOA1	0	0	0	0	40	36.6	1881	69	76	168	1.101	0.452	0.411	9.0	24.24
2946	40.9308	117.2807	-218.1	382	QOA1	0	0	0	0	30	34.1	1874	53	121	176	2.283	0.688	0.301	9.1	24.25
2947	40.9308	117.2813	-217.9	391	QOA1	0	0	1	0	43	34.3	1947	89	23	217	0.258	0.106	0.410	9.1	24.25
2948	40.9308	117.2818	-278.2	400	QOA1	0	0	0	0	59	34.5	1925	70	54	186	0.771	0.290	0.376	9.1	24.21
2949	40.9308	117.2823	-258.1	403	QOA1	0	0	0	0	37	34.6	1896	61	100	185	1.639	0.541	0.330	9.1	24.20
2950	40.9309	117.2828	-190.2	414	QOA1	0	0	0	0	37	34.8	1812	62	58	178	0.935	0.326	0.348	9.1	24.19
2951	40.9309	117.2834	-230.5	422	QOA1	0	0	0	0	41	34.9	1904	50	148	154	2.960	0.961	0.325	9.0	24.16
2952	40.9309	117.2839	-160.3	428	QOA1	0	0	0	0	52	35.0	1896	65	32	201	0.492	0.159	0.323	9.1	24.15
2953	40.9309	117.2844	-345.2	432	QOA1	0	0	0	0	30	35.1	1870	44	158	137	3.591	1.153	0.321	9.0	24.18
2954	40.9309	117.2849	-139.3	434	QOA1	0	0	0	0	50	35.2	1941	48	116	207	2.417	0.560	0.232	8.9	24.16
2955	40.9309	117.2855	-138.6	439	QOA1	0	0	0	0	40	35.3	1883	39	144	156	3.692	0.923	0.250	8.9	24.16
2956	40.9309	117.2860	-130.5	446	QOA1	0	0	0	0	45	35.4	1944	33	152	188	4.606	0.809	0.176	9.0	24.14
2957	40.9309	117.2865	-124.1	450	QOA1	0	0	0	0	44	35.5	1946	52	125	166	2.404	0.753	0.313	9.0	24.14
2958	40.9309	117.2870	-489.2	452	QOA1	0	0	0	0	36	35.5	1991	54	156	174	2.889	0.897	0.310	9.1	24.17
2959	40.9309	117.2875	-119.6	454	QOA1	0	0	0	0	43	35.6	1898	61	144	124	2.361	1.161	0.492	9.0	24.17
2960	40.9310	117.2881	-118.5	457	QOA1	0	0	0	0	50	35.6	1897	48	172	118	3.583	1.458	0.407	9.1	24.17
2961	40.9310	117.2886	-131.1	460	QOA1	0	0	0	0	43	35.7	1927	47	118	184	2.511	0.641	0.255	9.1	24.16
2962	40.9310	117.2891	-138.9	465	QOA1	0	0	0	0	52	35.8	1956	58	126	148	2.172	0.851	0.392	9.0	24.15
2963	40.9310	117.2896	-266.3	468	QOA1	0	0	0	0	43	35.8	1724	59	107	126	1.814	0.849	0.468	9.1	24.13
2964	40.9310	117.2902	-136.9	469	QOA1	0	0	0	0	38	35.9	1956	56	124	158	2.214	0.785	0.354	9.2	24.17
2965	40.9310	117.2907	-139.0	472	QOA1	0	0	0	0	35	38.6	1925	35	210	106	6.000	1.981	0.330	9.1	24.16
2966	40.9310	117.2912	-140.0	467	QOA1	0	0	0	0	52	38.5	1994	52	111	184	2.135	0.603	0.283	9.1	24.13
2967	40.9310	117.2917	-145.2	459	QOA1	0	0	0	0	42	38.4	1991	62	106	152	1.710	0.697	0.408	9.1	24.13
2968	40.9310	117.2923	-152.9	450	QOA1	0	0	0	0	43	38.2	1973	67	45	207	0.672	0.217	0.324	9.0	24.16
2969	40.9310	117.2928	-157.1	439	QOA1	0	0	0	0	55	37.9	1991	55	102	193	1.355	0.528	0.285	9.0	24.16
2970	40.9311	117.2933	-160.5	435	QOA1	0	0	0	0	45	37.9	1947	70	112	154	1.600	0.727	0.455	9.0	24.18
2971	40.9311	117.2938	-164.2	433	QOA1	0	0	0	0	40	37.8	2011	82	96	156	1.171	0.615	0.526	9.0	24.18

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2972	40.9311	117.2944	-154.8	434	QOA1	0	0	0	0	47	37.8	2033	56	138	168	2.464	0.821	0.333	9.2	24.19
2973	40.9311	117.2949	-158.2	437	QOA1	0	0	0	0	42	37.9	1981	66	101	157	1.530	0.643	0.420	9.3	24.18
2974	40.9311	117.2954	-158.3	437	QOA1	0	0	0	0	49	37.9	1975	58	124	195	2.138	0.636	0.297	9.4	24.19
2975	40.9311	117.2959	-162.4	441	QOA1	0	0	0	0	48	38.0	2016	62	104	155	1.677	0.671	0.400	9.5	24.19
2976	40.9311	117.2964	-167.8	443	QOA1	0	0	0	0	49	38.0	1991	59	99	161	1.678	0.615	0.366	9.5	24.22
2977	40.9311	117.2970	-174.7	442	QOA1	0	0	0	0	32	38.0	1882	56	151	100	2.696	1.510	0.560	9.5	24.18
2978	40.9311	117.2975	-181.1	447	QOA1	0	0	0	0	37	38.1	1964	52	134	165	2.577	0.812	0.315	9.5	24.16
2979	40.9311	117.2980	-193.7	449	QOA1	0	0	0	0	43	38.1	1787	54	39	180	0.722	0.217	0.300	9.5	24.17
2980	40.9311	117.2985	-193.6	453	QOA1	0	0	0	0	56	38.2	1850	57	100	171	1.754	0.585	0.333	9.7	24.17
2981	40.9312	117.2991	-212.7	453	QOA1	0	0	0	0	51	38.2	1871	73	37	164	0.507	0.226	0.445	9.6	24.14
2982	40.9312	117.2996	-213.1	453	QOA1	0	0	1	0	40	38.2	1800	60	14	177	0.233	0.079	0.339	9.6	24.13
2983	40.9312	117.3001	-228.7	451	QOA1	0	0	0	0	45	38.2	1734	44	93	157	2.114	0.592	0.280	9.5	24.13
2984	40.9312	117.3006	-246.4	448	QOA1	0	0	0	0	29	35.5	1770	50	145	105	2.900	1.381	0.476	9.4	24.13
2985	40.9312	117.3012	-271.1	438	QOA1	0	0	0	0	29	35.3	1793	60	87	146	1.450	0.596	0.411	9.4	24.12
2986	40.9312	117.3017	-297.6	423	QOA1	0	0	0	0	51	35.0	1705	35	188	108	5.371	1.741	0.324	9.4	24.12
2987	40.9312	117.3022	-320.5	393	QOA1	0	0	0	0	36	34.4	1575	30	150	97	5.000	1.546	0.309	9.4	24.11
2988	40.9312	117.3027	-340.2	363	QOA1	0	0	0	0	54	33.8	1480	34	72	124	2.118	0.581	0.274	9.5	24.10
2989	40.9312	117.3032	-359.2	344	QOA1	0	0	0	0	36	33.4	1349	36	85	111	2.361	0.766	0.324	9.5	24.07
2990	40.9312	117.3038	-385.0	329	QOA1	0	0	0	0	38	33.1	1276	36	70	81	1.944	0.864	0.444	9.5	24.05
2991	40.9313	117.3043	-409.7	315	QOA1	0	0	0	0	48	32.8	1216	23	110	65	4.783	1.692	0.354	9.6	24.03
2992	40.9313	117.3048	-428.7	308	QOA1	0	0	0	0	45	32.6	1160	43	39	70	0.907	0.557	0.614	9.6	23.99
2993	40.9313	117.3053	-416.4	297	QOA1	0	0	0	0	42	32.4	1121	25	69	62	2.760	1.113	0.403	9.6	23.97
2994	40.9313	117.3059	-358.8	293	QOA1	0	0	0	0	40	32.3	1094	26	49	69	1.885	0.710	0.377	9.6	23.87
2995	40.9313	117.3064	-292.7	302	QOA1	0	0	0	0	49	32.5	1152	39	28	57	0.718	0.491	0.684	9.7	23.88
2996	40.9313	117.3069	-239.3	304	QOA1	0	0	0	0	39	32.5	1219	21	120	81	5.714	1.481	0.259	9.9	23.85
2997	40.9313	117.3074	-191.4	312	QOA1	0	0	0	0	43	32.7	1302	38	108	71	2.842	1.521	0.535	9.9	23.85
2998	40.9313	117.3080	-188.8	334	QOA1	0	0	0	0	47	33.2	1426	41	79	102	1.927	0.775	0.402	10.0	23.84
2999	40.9313	117.3085	-185.1	348	QOA1	0	0	0	0	52	33.5	1405	37	55	123	1.486	0.447	0.301	10.1	23.83
3000	40.9313	117.3090	-185.9	361	QOA1	0	0	0	0	60	33.8	1428	38	72	106	1.895	0.679	0.358	10.2	23.81
3001	40.9314	117.3095	-187.7	366	QOA1	0	0	0	0	39	33.9	1535	48	118	94	2.458	1.255	0.511	10.3	23.83
3002	40.9314	117.3101	-192.6	365	QOA1	0	0	0	0	60	33.9	1548	35	119	104	3.400	1.144	0.337	10.3	23.81
3003	40.9314	117.3106	-201.2	367	QOA1	0	0	0	0	43	35.4	1579	49	78	101	1.592	0.772	0.485	10.4	23.82
3004	40.9314	117.3111	-215.9	366	QOA1	0	0	0	0	42	35.4	1692	47	132	129	2.809	1.023	0.364	10.5	23.81
3005	40.9314	117.3116	-236.6	364	QOA1	0	0	0	0	43	35.3	1634	32	121	104	3.781	1.163	0.308	10.5	23.81
3006	40.9314	117.3121	-267.0	361	QOA1	0	0	0	0	54	35.3	1603	37	104	118	2.811	0.881	0.314	10.5	23.81
3007	40.9314	117.3127	-296.8	362	QOA1	0	0	0	0	42	35.3	1662	50	97	120	1.940	0.808	0.417	10.7	23.80
3008	40.9314	117.3132	-315.8	360	QOA1	0	0	0	0	49	35.3	1685	47	86	143	1.830	0.601	0.329	10.8	23.79
3009	40.9314	117.3137	-316.4	363	QOA1	0	0	0	0	51	35.3	1698	52	74	130	1.423	0.569	0.400	10.9	23.81
3010	40.9314	117.3142	-304.3	362	QOA1	0	0	0	0	56	35.3	1657	61	40	171	0.656	0.234	0.357	10.9	23.81
3011	40.9314	117.3148	-293.7	362	QOA1	0	0	0	0	52	35.3	1703	41	113	135	2.756	0.837	0.304	11.0	23.82
3012	40.9315	117.3153	-265.1	362	QOA1	0	0	0	0	50	35.3	1727	49	79	139	1.612	0.568	0.353	11.1	23.81
3013	40.9315	117.3158	-236.5	362	QOA1	0	0	0	0	54	35.3	1719	50	114	116	2.280	0.983	0.431	11.2	23.83
3014	40.9315	117.3163	-221.3	364	QOA1	0	0	0	0	50	35.3	1734	69	102	108	1.478	0.944	0.639	11.3	23.82
3015	40.9315	117.3169	-213.7	364	QOA1	0	0	0	0	30	35.3	1733	52	105	127	2.019	0.827	0.409	11.3	23.81
3016	40.9315	117.3174	-217.3	365	QOA1	0	0	0	0	53	35.4	1640	45	101	144	2.244	0.701	0.313	11.4	23.81
3017	40.9315	117.3179	-230.5	365	QOA1	0	0	0	0	53	35.4	1695	50	76	149	1.520	0.510	0.336	11.4	23.79
3018	40.9315	117.3184	-249.6	365	QOA1	0	0	0	0	38	35.4	1725	53	101	136	1.906	0.743	0.390	11.4	23.79
3019	40.9315	117.3189	-274.5	363	QV1	0	0	0	0	46	35.3	1650	47	67	151	1.426	0.444	0.311	11.5	23.78
3020	40.9315	117.3195	-295.9	363	QV1	0	0	0	0	53	35.3	1622	49	119	105	2.429	1.133	0.467	11.5	23.79
3021	40.9315	117.3200	-299.5	365	QV1	0	0	0	0	42	35.4	1649	40	70	146	1.750	0.479	0.274	11.6	23.79
3022	40.9316	117.3205	-282.7	366	QV1	0	0	0	0	53	33.8	1558	47	85	109	1.809	0.780	0.431	11.6	23.79
3023	40.9316	117.3210	-254.5	371	QV1	0	0	0	0	53	33.8	1599	38	69	154	1.816	0.448	0.247	11.6	23.79
3024	40.9316	117.3216	-226.4	375	QV1	0	0	0	0	54	33.9	1608	53	76	139	1.434	0.547	0.381	11.8	23.79
3025	40.9316	117.3221	-202.0	383	QV1	0	0	0	0	43	34.1	1587	39	93	147	2.385	0.633	0.265	11.9	23.82

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3026	40.9316	117.3226	-174.6	387	OV1	0	0	0	0	45	34.2	1609	39	76	157	1.949	0.484	0.248	11.8	23.81
3027	40.9316	117.3231	-145.6	396	OV1	0	0	0	0	46	34.4	1682	57	102	131	1.789	0.779	0.435	11.9	23.82
3028	40.9316	117.3237	-112.7	403	OV1	0	0	0	0	59	34.5	1638	61	59	126	0.967	0.468	0.484	11.9	23.82
3029	40.9316	117.3242	-112.5	411	OV1	0	0	0	0	43	34.7	1658	53	89	130	1.679	0.685	0.408	12.0	23.82
3030	40.9316	117.3247	-91.8	421	OV1	0	0	0	0	54	34.9	1685	50	57	149	1.140	0.383	0.336	12.1	23.84
3031	40.9316	117.3252	-78.7	430	OV1	0	0	0	0	39	35.0	1690	35	148	118	4.229	1.254	0.297	12.0	23.80
3032	40.9316	117.3258	-75.2	445	OV1	0	0	0	0	55	35.3	1657	57	93	99	1.632	0.939	0.576	12.0	23.79
3033	40.9317	117.3263	-71.8	451	OV1	0	0	0	0	45	35.4	1631	51	91	142	1.784	0.641	0.359	12.1	23.80
3034	40.9317	117.3268	-69.3	459	OV1	0	0	0	0	42	35.6	1627	47	94	73	2.000	1.288	0.644	12.1	23.80
3035	40.9317	117.3273	-74.0	460	OV1	0	0	0	0	40	35.6	1633	60	51	100	0.850	0.510	0.600	12.2	23.81
3036	40.9317	117.3278	-90.1	461	OV1	0	0	0	0	56	35.6	1658	50	103	91	2.060	1.132	0.549	12.3	23.84
3037	40.9317	117.3284	-110.0	463	OV1	0	0	0	0	40	35.7	1683	44	85	139	1.932	0.612	0.317	12.4	23.84
3038	40.9317	117.3289	-125.1	463	OV1	0	0	0	0	52	35.7	1639	43	84	133	1.953	0.632	0.323	12.5	23.85
3039	40.9317	117.3294	-134.3	464	OV1	0	0	0	0	50	35.7	1672	34	127	123	3.735	1.033	0.276	12.6	23.89
3040	40.9317	117.3299	-141.4	466	OV1	0	0	0	0	41	35.7	1729	49	106	128	2.163	0.828	0.383	12.6	23.90
3041	40.9317	117.3305	-154.5	465	OV1	0	0	0	0	39	40.4	1648	62	64	129	1.032	0.496	0.481	12.7	23.92
3042	40.9317	117.3310	-177.2	466	EP1	0	0	0	0	54	40.4	1725	52	48	156	0.923	0.308	0.333	12.7	23.92
3043	40.9318	117.3315	-204.5	467	EP1	0	0	0	0	28	40.4	1773	63	73	154	1.159	0.474	0.409	12.7	23.91
3044	40.9318	117.3320	-228.9	465	EP1	0	0	0	0	43	40.4	1662	53	34	143	0.642	0.238	0.371	12.8	23.93
3045	40.9318	117.3326	-247.3	472	EP1	0	0	0	0	45	40.5	1665	52	82	124	1.577	0.661	0.419	12.8	23.92
3046	40.9318	117.3331	-279.3	485	EP1	0	0	0	0	46	40.8	1805	54	56	191	1.037	0.293	0.283	12.9	23.95
3047	40.9318	117.3336	-288.8	467	EP1	0	0	0	0	29	40.4	1888	53	90	155	1.698	0.581	0.342	12.9	23.94
3048	40.9318	117.3341	-291.5	443	EP1	0	0	0	0	54	39.9	1799	44	44	203	1.000	0.217	0.217	12.9	23.94
3049	40.9318	117.3347	-290.0	428	EP1	0	0	0	0	36	39.6	1924	49	110	181	2.245	0.608	0.271	12.9	23.95
3050	40.9318	117.3352	-288.2	412	EP1	0	0	0	0	34	39.2	1958	55	111	215	2.018	0.516	0.256	12.9	23.97
3051	40.9318	117.3357	-285.0	395	EP1	0	0	0	0	47	38.8	1904	62	84	179	1.355	0.469	0.346	12.8	23.97
3052	40.9318	117.3362	-282.0	386	EP1	0	0	0	0	50	38.6	1906	52	86	175	1.654	0.491	0.297	12.9	23.99
3053	40.9319	117.3367	-279.4	389	EP1	0	0	0	0	50	38.7	1961	50	104	215	2.080	0.484	0.233	12.9	23.99
3054	40.9319	117.3373	-277.7	389	EP1	0	0	0	0	43	38.7	1896	54	156	124	2.889	1.258	0.435	12.9	23.98
3055	40.9319	117.3378	-275.6	393	EP1	0	0	0	0	43	38.8	1871	46	86	203	1.870	0.424	0.227	13.0	23.98
3056	40.9319	117.3383	-274.2	403	EP1	0	0	0	0	52	39.0	1770	47	97	167	2.064	0.581	0.281	12.9	23.94
3057	40.9319	117.3388	-272.7	412	EP1	0	0	0	0	59	39.2	1773	44	73	163	1.659	0.448	0.270	13.0	23.93
3058	40.9319	117.3394	-271.3	423	EP1	0	0	0	0	45	39.5	1675	48	39	125	0.813	0.312	0.384	13.0	23.90
3059	40.9319	117.3399	-270.3	435	EP1	0	0	0	0	57	39.7	1706	42	57	160	1.357	0.356	0.262	13.0	23.90
3060	40.9319	117.3404	-269.4	445	EP1	0	0	0	0	33	40.6	1677	40	81	162	2.025	0.500	0.247	13.1	23.87
3061	40.9319	117.3409	-267.9	454	EP1	0	0	0	0	37	40.8	1672	65	41	160	0.631	0.256	0.406	13.1	23.86
3062	40.9319	117.3415	-267.8	462	EP1	0	0	0	0	52	41.0	1589	30	56	133	1.867	0.421	0.226	13.1	23.87
3063	40.9319	117.3420	-267.4	468	EP1	0	0	0	0	35	41.1	1541	44	31	148	0.705	0.209	0.297	13.2	23.86
3064	40.9320	117.3425	-267.5	468	EP1	0	0	0	0	47	41.1	1498	34	87	84	2.559	1.036	0.405	13.1	23.83
3065	40.9320	117.3430	-267.2	463	EP1	0	0	0	0	54	41.0	1440	36	42	140	1.167	0.300	0.257	13.1	23.82
3066	40.9320	117.3435	-266.1	455	EP1	0	0	0	0	48	40.8	1461	37	44	128	1.189	0.344	0.289	13.1	23.79
3067	40.9320	117.3441	-265.5	429	EP1	0	0	0	0	52	40.2	1432	35	30	132	0.857	0.227	0.265	13.0	23.79
3068	40.9320	117.3446	-266.9	401	EP1	0	0	0	0	43	39.6	1298	28	86	89	3.071	0.966	0.315	13.0	23.77
3069	40.9320	117.3451	-266.2	373	EP1	0	0	0	0	54	38.9	1247	30	76	78	2.533	0.974	0.385	13.1	23.76
3070	40.9320	117.3456	-265.2	338	PIPA1	0	0	1	0	61	38.1	1160	33	8	86	0.242	0.093	0.384	13.0	23.77
3071	40.9320	117.3462	-265.4	300	PIPA1	0	0	0	0	41	37.1	1086	31	45	80	1.452	0.563	0.387	13.0	23.77
3072	40.9320	117.3467	-264.9	307	PIPA1	0	0	0	0	41	37.3	1152	32	32	94	1.000	0.340	0.340	13.0	23.78
3073	40.9320	117.3472	-263.2	350	PIPA1	0	0	1	0	61	38.4	1221	45	12	83	0.267	0.145	0.542	13.0	23.82
3074	40.9321	117.3477	-262.7	403	PIPA1	0	0	0	0	59	39.6	1399	32	64	111	2.000	0.577	0.288	13.0	23.82
3075	40.9321	117.3483	-264.4	428	PIPA1	0	0	0	0	41	40.2	1514	40	69	127	1.725	0.543	0.315	13.0	23.83
3076	40.9321	117.3488	-264.7	436	PIPA1	0	0	0	0	49	40.4	1599	55	61	141	1.109	0.433	0.390	12.9	23.82
3077	40.9321	117.3493	-266.1	433	PIPA1	0	0	0	0	53	40.3	1551	51	45	116	0.882	0.388	0.440	13.0	23.85
3078	40.9321	117.3498	-266.1	418	PIPA1	0	0	0	0	50	40.0	1588	46	58	125	1.261	0.464	0.368	13.0	23.86
3079	40.9321	117.3503	-266.3	390	PIPA1	0	0	1	0	47	38.3	1532	50	16	142	0.320	0.113	0.352	13.0	23.87

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3080	40.9321	117.3509	-266.0	372	PIPA1	0	0	0	0	59	37.9	1424	34	78	106	2.294	0.736	0.321	12.9	23.85
3081	40.9321	117.3514	-265.1	346	PIPA1	0	0	0	0	43	37.3	1410	31	101	87	3.258	1.161	0.356	12.9	23.85
3082	40.9321	117.3519	-264.6	337	PIPA1	0	0	0	0	57	37.1	1352	29	102	85	3.517	1.200	0.341	12.9	23.86
3083	40.9321	117.3524	-267.2	348	PIPA1	0	0	0	0	47	37.3	1391	36	79	96	2.194	0.823	0.375	12.9	23.85
3084	40.9322	117.3530	-267.4	362	PIPA1	0	0	0	0	45	37.7	1361	34	65	114	1.912	0.570	0.298	12.9	23.85
3085	40.9322	117.3535	-267.5	375	PIPA1	0	0	0	0	41	38.0	1331	35	87	92	2.486	0.946	0.380	12.9	23.86
3086	40.9322	117.3540	-267.0	389	PIPA1	0	0	0	0	58	38.3	1317	27	134	40	4.963	3.350	0.675	12.9	23.85
3087	40.9322	117.3545	-267.0	410	PIPA1	0	0	0	0	57	38.8	1303	24	75	85	3.125	0.882	0.282	12.9	23.85
3088	40.9322	117.3551	-265.8	441	PIPA1	0	0	0	0	51	39.4	1372	24	90	68	3.750	1.324	0.353	12.9	23.85
3089	40.9322	117.3556	-264.4	481	PIPA1	0	0	0	0	65	40.3	1507	40	87	76	2.175	1.145	0.526	13.0	23.84
3090	40.9322	117.3561	-264.7	495	IPP1	0	0	0	0	42	40.6	1499	40	86	91	2.150	0.945	0.440	13.0	23.85
3091	40.9322	117.3566	-264.3	499	IPP1	0	0	0	0	45	40.7	1598	39	58	127	1.487	0.457	0.307	13.0	23.84
3092	40.9322	117.3572	-262.2	498	IPP1	0	0	0	0	52	40.6	1665	57	77	67	1.351	1.149	0.851	12.9	23.82
3093	40.9322	117.3577	-266.3	496	IPP1	0	0	1	0	60	40.6	1627	63	14	88	0.222	0.159	0.716	12.9	23.83
3094	40.9322	117.3582	-266.7	494	IPP1	0	0	0	0	58	40.6	1758	54	49	166	0.907	0.295	0.325	12.8	23.81
3095	40.9323	117.3587	-267.4	491	IPP1	0	0	0	0	43	40.5	1811	32	76	177	2.375	0.429	0.181	12.8	23.82
3096	40.9323	117.3592	-267.8	488	IPP1	0	0	0	0	63	40.4	1823	46	83	166	1.804	0.500	0.277	12.8	23.84
3097	40.9323	117.3598	-267.8	475	IPP1	0	0	0	0	56	40.2	1804	46	73	170	1.587	0.429	0.271	12.8	23.84
3098	40.9323	117.3603	-266.8	460	IPP1	0	0	0	0	40	39.3	1825	58	99	138	1.707	0.717	0.420	12.7	23.85
3099	40.9323	117.3608	-268.6	444	IPP1	0	0	0	0	50	38.9	1882	40	170	126	4.250	1.349	0.317	12.7	23.87
3100	40.9323	117.3613	-269.4	430	PIPA	0	0	0	0	50	38.6	1825	53	44	176	0.830	0.250	0.301	12.8	23.86
3101	40.9323	117.3619	-268.6	417	PIPA	0	0	0	0	46	38.3	1741	51	72	159	1.412	0.453	0.321	12.7	23.88
3102	40.9323	117.3624	-271.8	409	PIPA	0	0	1	0	48	38.2	1707	60	16	168	0.267	0.095	0.357	12.7	23.89
3103	40.9323	117.3629	-271.8	398	PIPA	0	0	0	0	50	37.9	1611	32	111	142	3.469	0.782	0.225	12.7	23.87
3104	40.9323	117.3634	-272.6	385	PIPA	0	0	0	0	40	37.6	1609	52	54	136	1.038	0.397	0.382	12.7	23.89
3105	40.9324	117.3640	-272.5	374	PIPA	0	0	0	0	37	37.4	1503	45	115	102	2.556	1.127	0.441	12.7	23.88
3106	40.9324	117.3645	-271.1	386	PIPA	0	0	0	0	39	37.6	1583	65	58	86	0.892	0.674	0.756	12.7	23.88
3107	40.9324	117.3650	-270.8	404	PIPA	0	0	0	0	42	38.1	1696	40	82	158	2.050	0.519	0.253	12.6	23.87
3108	40.9324	117.3655	-271.2	406	PIPA	0	0	0	0	42	38.1	1699	43	136	96	3.163	1.417	0.448	12.8	23.88
3109	40.9324	117.3661	-271.7	391	PIPA	0	0	0	0	51	37.8	1605	48	32	165	0.667	0.194	0.291	12.7	23.86
3110	40.9324	117.3666	-271.9	389	IPP1	0	0	1	0	65	37.7	1574	40	-14	168	-0.350	-0.083	0.238	12.7	23.83
3111	40.9324	117.3671	-270.8	382	IPP1	0	0	0	0	58	37.6	1500	33	52	138	1.576	0.377	0.239	12.7	23.81
3112	40.9324	117.3676	-270.8	371	IPP1	0	0	0	0	37	37.3	1597	47	118	123	2.511	0.959	0.382	12.8	23.82
3113	40.9324	117.3681	-268.4	378	IPP1	0	0	0	0	41	37.5	1620	52	62	145	1.192	0.428	0.359	12.8	23.79
3114	40.9324	117.3687	-268.6	405	IPP1	0	0	0	0	37	38.1	1728	43	108	138	2.512	0.783	0.312	12.8	23.80
3115	40.9325	117.3692	-268.5	433	IPP1	0	0	0	0	50	38.7	1776	45	56	220	1.244	0.255	0.205	12.8	23.79
3116	40.9325	117.3697	-269.2	453	IPP1	0	0	0	0	62	39.1	1841	48	109	150	2.271	0.727	0.320	12.9	23.77
3117	40.9325	117.3702	-272.2	465	IPP1	0	0	0	0	54	36.4	1880	45	99	168	2.200	0.589	0.268	12.9	23.76
3118	40.9325	117.3708	-270.9	461	IPP1	0	0	0	0	49	36.4	1810	53	76	172	1.434	0.442	0.308	12.9	23.76
3119	40.9325	117.3713	-271.6	458	IPP1	0	0	0	0	45	36.3	1855	65	48	182	0.738	0.264	0.357	12.9	23.77
3120	40.9325	117.3718	-272.4	461	TKG	0	0	0	0	41	36.4	1785	53	72	162	1.358	0.444	0.327	13.0	23.77
3121	40.9325	117.3723	-272.3	468	TKG	0	0	0	0	65	36.5	1755	59	34	138	0.576	0.246	0.428	12.9	23.76
3122	40.9325	117.3729	-272.1	476	TKG	0	0	0	0	58	36.6	1767	44	113	117	2.568	0.966	0.376	12.9	23.75
3123	40.9325	117.3734	-273.7	483	TKG	0	0	1	0	63	36.8	1678	51	24	186	0.471	0.129	0.274	12.9	23.75
3124	40.9325	117.3739	-273.3	481	TKG	0	0	0	0	53	36.7	1726	47	107	130	2.277	0.823	0.362	12.9	23.75
3125	40.9325	117.3744	-273.2	459	TKG	0	0	0	0	40	36.3	1655	38	153	97	4.026	1.577	0.392	12.8	23.74
3126	40.9326	117.3749	-274.2	438	TKG	0	0	0	0	45	35.9	1619	42	95	116	2.262	0.819	0.362	12.8	23.72
3127	40.9326	117.3755	-275.2	428	TKG	0	0	1	0	51	35.7	1563	50	22	138	0.440	0.159	0.362	12.7	23.72
3128	40.9326	117.3760	-276.4	420	TKG	0	0	0	0	46	35.5	1592	65	33	144	0.508	0.229	0.451	12.7	23.72
3129	40.9326	117.3765	-278.7	402	TKG	0	0	0	0	44	35.2	1644	41	82	156	2.000	0.526	0.263	12.7	23.70
3130	40.9326	117.3770	-279.4	366	TKG	0	0	0	0	42	34.4	1520	27	110	115	4.074	0.957	0.235	12.6	23.72
3131	40.9326	117.3776	-279.7	349	TKG	0	0	1	0	55	34.1	1487	36	13	160	0.361	0.081	0.225	12.7	23.71
3132	40.9326	117.3781	-272.5	357	TKG	0	0	0	0	53	34.2	1576	41	38	180	0.927	0.211	0.228	12.6	23.71
3133	40.9326	117.3786	-281.0	365	TKG	0	0	0	0	57	34.4	1536	28	68	175	2.429	0.389	0.160	12.6	23.69

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3134	40.9326	117.3791	-281.6	348	TKG	0	0	0	0	54	34.0	1514	24	106	145	4.417	0.731	0.166	12.6	23.67
3135	40.9326	117.3797	-280.2	353	QQA1	0	0	0	0	35	34.2	1524	47	88	124	1.872	0.710	0.379	12.7	23.69
3136	40.9327	117.3802	-279.8	383	QQA1	0	0	0	0	34	35.5	1716	59	55	162	0.932	0.340	0.364	12.7	23.68
3137	40.9327	117.3807	-278.9	421	QQA1	0	0	0	0	47	36.3	1789	47	30	202	0.638	0.149	0.233	12.7	23.68
3138	40.9327	117.3812	-278.4	439	QQA1	0	0	0	0	57	36.6	1826	64	36	188	0.563	0.191	0.340	12.7	23.69
3139	40.9327	117.3817	-277.8	431	QQA1	0	0	0	0	37	36.5	1824	53	63	180	1.189	0.350	0.294	12.7	23.69
3140	40.9327	117.3823	-278.3	420	QQA1	0	0	0	0	60	36.3	1895	63	62	161	0.984	0.385	0.391	12.7	23.72
3141	40.9327	117.3828	-277.9	395	QQA1	0	0	0	0	59	35.7	1792	61	66	156	1.082	0.423	0.391	12.8	23.74
3142	40.9327	117.3833	-279.6	359	QQA1	0	0	0	0	59	35.0	1648	33	145	125	4.394	1.160	0.264	12.7	23.73
3143	40.9327	117.3838	-281.4	369	QQA1	0	0	0	0	52	35.2	1733	75	63	123	0.840	0.512	0.610	12.8	23.73
3144	40.9327	117.3844	-281.8	398	QQA1	0	0	0	0	56	35.8	1859	50	54	193	1.080	0.280	0.259	12.7	23.73
3145	40.9327	117.3849	-281.8	419	QQA1	0	0	0	0	40	36.3	1835	71	83	155	1.169	0.535	0.458	12.8	23.71
3146	40.9327	117.3854	-280.6	429	QQA1	0	0	0	0	48	36.5	1845	59	50	147	0.847	0.340	0.401	12.7	23.70
3147	40.9328	117.3859	-279.5	430	QQA1	0	0	0	0	63	36.5	1917	42	129	161	3.071	0.801	0.261	12.7	23.69
3148	40.9328	117.3865	-278.2	422	QQA1	0	0	0	0	44	36.3	1744	43	120	152	2.791	0.789	0.283	12.7	23.69
3149	40.9328	117.3870	-277.9	416	QQA1	0	0	0	0	47	36.2	1863	65	116	147	1.785	0.789	0.442	12.7	23.68
3150	40.9328	117.3875	-276.5	422	IPP1	0	0	0	0	68	36.3	1854	42	120	146	2.857	0.822	0.288	12.6	23.69
3151	40.9328	117.3880	-278.0	433	IPP1	0	0	1	0	44	36.5	1813	87	24	179	0.276	0.134	0.486	12.6	23.69
3152	40.9328	117.3886	-277.2	455	IPP1	0	0	0	0	51	37.0	1906	56	75	171	1.339	0.439	0.327	12.6	23.69
3153	40.9328	117.3891	-276.6	458	IPP1	0	0	0	0	48	37.0	1917	55	95	196	1.727	0.485	0.281	12.6	23.68
3154	40.9328	117.3896	-276.1	442	IPP1	0	0	0	0	37	36.7	1907	47	91	183	1.936	0.497	0.257	12.6	23.70
3155	40.9328	117.3901	-274.8	432	IPP1	0	0	0	0	45	33.3	1841	50	109	184	2.180	0.592	0.272	12.6	23.70
3156	40.9328	117.3906	-273.9	405	IPP1	0	0	0	0	40	32.7	1807	71	70	162	0.986	0.432	0.438	12.6	23.71
3157	40.9329	117.3912	-272.0	363	IPP1	0	0	0	0	52	31.9	1775	46	133	159	2.891	0.836	0.289	12.6	23.73
3158	40.9329	117.3917	-270.2	376	IPP1	0	0	0	0	38	32.2	1691	26	130	159	5.000	0.818	0.164	12.7	23.74
3159	40.9329	117.3922	-269.6	442	IPP1	0	0	0	0	39	33.4	1933	49	76	218	1.551	0.349	0.225	12.6	23.69
3160	40.9329	117.3927	-269.4	456	IPP1	0	0	0	0	63	33.7	1886	56	100	177	1.786	0.565	0.316	12.6	23.72
3161	40.9329	117.3933	-269.0	456	IPP1	0	0	0	0	40	33.7	1853	40	105	214	2.625	0.491	0.187	12.6	23.71
3162	40.9329	117.3938	-267.2	449	IPP1	0	0	0	0	53	33.6	1870	64	70	171	1.094	0.409	0.374	12.7	23.76
3163	40.9329	117.3943	-265.4	438	IPP1	0	0	1	0	47	33.4	1798	56	-4	242	-0.071	-0.017	0.231	12.7	23.75
3164	40.9329	117.3948	-265.6	428	IPP1	0	0	0	0	33	33.2	1865	63	111	153	1.762	0.725	0.412	12.7	23.75
3165	40.9329	117.3954	-263.5	430	IPP1	0	0	0	0	56	33.2	1903	42	102	166	2.429	0.614	0.253	12.7	23.76
3166	40.9329	117.3959	-263.5	421	IPP1	0	0	0	0	37	33.1	1808	62	89	156	1.435	0.571	0.397	12.7	23.77
3167	40.9330	117.3964	-262.6	421	IPP1	0	0	1	0	46	33.1	1723	63	12	186	0.190	0.065	0.339	12.6	23.78
3168	40.9330	117.3969	-262.4	407	IPP1	0	0	0	0	40	32.8	1673	53	95	143	1.792	0.664	0.371	12.6	23.77
3169	40.9330	117.3975	-262.2	389	IPP1	0	0	0	0	46	32.4	1598	44	143	105	3.250	1.362	0.419	12.6	23.76
3170	40.9330	117.3980	-259.7	402	IPP1	0	0	0	0	56	32.7	1629	37	116	124	3.135	0.935	0.298	12.6	23.76
3171	40.9330	117.3985	-260.5	387	IPP1	0	0	0	0	37	32.4	1501	36	117	111	3.250	1.054	0.324	12.5	23.75
3172	40.9330	117.3990	-258.7	373	IPP1	0	0	0	0	38	32.1	1543	35	123	107	3.514	1.150	0.327	12.5	23.75
3173	40.9330	117.3995	-259.9	395	IPP1	0	0	0	0	47	32.6	1591	47	83	137	1.886	0.606	0.321	12.5	23.73
3174	40.9330	117.4001	-260.3	454	IPP1	0	0	0	0	43	35.5	1526	48	75	102	1.563	0.735	0.471	12.6	23.74
3175	40.9330	117.4006	-258.8	447	PIPA	0	0	0	0	45	35.4	1588	37	88	138	2.378	0.638	0.268	12.4	23.71
3176	40.9330	117.4011	-258.4	393	PIPA	0	0	0	0	56	34.3	1486	37	88	111	2.378	0.793	0.333	12.4	23.71
3177	40.9330	117.4016	-256.2	336	PIPA	0	0	0	0	48	33.1	1485	58	39	91	0.672	0.429	0.637	12.5	23.72
3178	40.9331	117.4022	-256.4	301	PIPA	0	0	0	0	48	32.4	1433	33	82	120	2.485	0.683	0.275	12.5	23.72
3179	40.9331	117.4027	-255.4	286	PIPA	0	0	0	0	46	32.0	1370	32	92	107	2.875	0.860	0.299	12.5	23.71
3180	40.9331	117.4032	-255.3	292	PIPA	0	0	0	0	57	32.2	1335	25	100	109	4.000	0.917	0.229	12.5	23.70
3181	40.9331	117.4037	-257.9	319	PIPA	0	0	0	0	44	32.8	1422	44	54	111	1.227	0.486	0.396	12.5	23.71
3182	40.9331	117.4043	-255.4	344	PIPA	0	0	0	0	45	33.3	1475	45	49	121	1.089	0.405	0.372	12.6	23.71
3183	40.9331	117.4048	-254.3	369	PIPA	0	0	0	0	55	33.8	1607	49	80	127	1.633	0.630	0.386	12.6	23.71
3184	40.9331	117.4053	-255.0	394	PIPA	0	0	0	0	46	34.4	1699	49	147	110	3.000	1.336	0.445	12.7	23.71
3185	40.9331	117.4058	-254.6	423	PIPA	0	0	0	0	48	34.9	1906	54	69	248	1.278	0.278	0.218	12.7	23.73
3186	40.9331	117.4063	-254.4	471	PIPA	0	0	0	0	49	35.8	2078	66	98	176	1.485	0.557	0.375	12.6	23.72
3187	40.9331	117.4069	-255.1	491	PIPA	0	0	1	0	47	36.2	2101	80	1	260	0.012	0.004	0.308	12.6	23.72

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3188	40.9332	117.4074	-255.7	497	PIPA	0	0	0	0	45	36.3	2055	80	108	184	1.350	0.587	0.435	12.5	23.73
3189	40.9332	117.4079	-256.4	520	PIPA	0	0	0	0	65	36.8	2169	75	31	219	0.413	0.142	0.342	12.5	23.75
3190	40.9332	117.4084	-255.3	521	PIPA	0	0	0	0	41	36.8	2069	41	183	155	4.463	1.181	0.265	12.4	23.77
3191	40.9332	117.4090	-256.6	531	PIPA	0	0	0	0	43	36.9	2021	61	95	198	1.557	0.480	0.308	12.5	23.81
3192	40.9332	117.4095	-257.2	504	PIPA	0	0	0	0	48	36.5	1899	57	99	150	1.737	0.660	0.380	12.4	23.30
3193	40.9332	117.4100	-256.8	512	PIPA	0	0	0	0	48	37.9	1934	59	93	155	1.576	0.600	0.381	12.4	23.83
3194	40.9332	117.4105	-256.9	512	PIPA	0	0	0	0	44	37.9	1925	44	84	185	1.909	0.454	0.238	12.3	23.85
3195	40.9332	117.4111	-256.3	514	PIPA	0	0	0	0	43	37.9	1978	57	71	185	1.246	0.384	0.308	12.5	23.87
3196	40.9332	117.4116	-256.8	501	PIPA	0	0	0	0	31	37.7	1937	75	44	195	0.587	0.226	0.385	12.3	23.89
3197	40.9332	117.4121	-258.2	497	PIPA	0	0	0	0	45	37.6	1868	58	109	152	1.879	0.717	0.382	12.4	23.91
3198	40.9333	117.4126	-259.4	496	PIPA	0	0	0	0	59	37.6	2038	78	52	184	0.667	0.283	0.424	12.5	23.93
3199	40.9333	117.4132	-260.0	493	PIPA	0	0	0	0	55	37.5	1987	56	138	151	2.464	0.914	0.371	12.5	23.94
3200	40.9333	117.4137	-261.5	478	EP1	0	0	0	0	55	37.2	2046	69	60	209	0.870	0.287	0.330	12.5	23.95
3201	40.9333	117.4142	-262.1	459	EP1	0	0	0	0	51	36.9	1933	61	118	178	1.934	0.663	0.343	12.6	23.97
3202	40.9333	117.4147	-262.3	476	EP1	0	0	0	0	60	37.2	2013	53	83	230	1.566	0.361	0.230	12.6	23.96
3203	40.9333	117.4152	-263.1	491	EP1	0	0	0	0	44	37.5	1987	68	99	161	1.456	0.615	0.422	12.6	23.96
3204	40.9333	117.4158	-264.0	493	EP1	0	0	0	0	39	37.5	1935	62	77	166	1.242	0.464	0.373	12.7	23.98
3205	40.9333	117.4163	-263.6	493	EP1	0	0	0	0	44	37.5	1936	80	94	144	1.175	0.653	0.556	12.7	23.99
3206	40.9333	117.4168	-266.8	493	EP1	0	0	0	0	44	37.5	1856	65	66	150	1.015	0.440	0.433	12.8	23.99
3207	40.9333	117.4173	-266.6	493	EP1	0	0	0	0	51	37.5	1890	55	42	179	0.764	0.235	0.307	12.9	23.99
3208	40.9333	117.4179	-266.8	491	EP1	0	0	0	0	47	37.5	1850	65	76	168	1.169	0.452	0.387	12.9	24.00
3209	40.9334	117.4184	-267.7	491	EP1	0	0	0	0	34	37.5	1890	41	94	207	2.293	0.454	0.198	12.9	24.00
3210	40.9334	117.4189	-269.3	493	EP1	0	0	0	0	48	37.5	1940	83	31	184	0.373	0.168	0.451	12.9	24.01
3211	40.9334	117.4194	-269.2	492	EP1	0	0	0	0	43	37.5	1815	64	118	100	1.844	1.180	0.640	13.0	24.03
3212	40.9334	117.4200	-269.1	493	EP1	0	0	0	0	54	40.3	1847	42	92	199	2.190	0.462	0.211	13.0	24.03
3213	40.9334	117.4205	-269.8	490	EP1	0	0	1	0	42	40.2	1853	69	12	207	0.174	0.058	0.333	13.0	24.02
3214	40.9334	117.4210	-270.7	488	EP1	0	0	0	0	67	40.1	1918	44	98	193	2.227	0.508	0.228	13.0	24.05
3215	40.9334	117.4215	-271.6	485	EP1	0	0	0	0	54	40.1	1883	54	111	150	2.056	0.740	0.360	13.0	24.05
3216	40.9334	117.4220	-271.8	472	EP1	0	0	0	0	41	39.8	1893	32	145	176	4.531	0.824	0.182	13.1	24.06
3217	40.9334	117.4226	-270.9	456	EP1	0	0	0	0	52	39.5	1968	85	82	150	0.965	0.547	0.567	13.1	24.08
3218	40.9334	117.4231	-272.4	442	EP1	0	0	0	0	42	39.2	1815	69	96	128	1.391	0.750	0.539	13.1	24.09
3219	40.9335	117.4236	-273.1	430	EP1	0	0	0	0	41	38.9	1801	35	125	162	3.571	0.772	0.216	13.2	24.09
3220	40.9335	117.4241	-274.4	416	EP1	0	0	0	0	49	38.6	1834	42	108	166	2.571	0.651	0.253	13.3	24.08
3221	40.9335	117.4247	-274.6	408	EP1	0	0	0	0	38	38.4	1805	64	117	134	1.828	0.873	0.478	13.3	24.11
3222	40.9335	117.4252	-274.2	412	EP1	0	0	0	0	34	38.5	1822	39	137	159	3.513	0.862	0.245	13.3	24.11
3223	40.9335	117.4257	-275.8	416	EP1	0	0	0	0	40	38.6	1795	55	60	179	1.091	0.335	0.307	13.4	24.12
3224	40.9335	117.4262	-277.0	409	EP1	0	0	0	0	34	38.5	1749	46	84	152	1.826	0.553	0.303	13.4	24.13
3225	40.9335	117.4268	-277.2	404	EP1	0	0	0	0	55	38.3	1767	50	100	157	2.000	0.637	0.318	13.5	24.12
3226	40.9335	117.4273	-277.6	400	EP1	0	0	0	0	47	38.3	1615	47	56	151	1.191	0.371	0.311	13.5	24.11
3227	40.9335	117.4278	-279.0	401	QOA1	0	0	0	0	43	38.3	1657	49	71	147	1.479	0.483	0.327	13.5	24.10
3228	40.9335	117.4283	-280.7	388	QOA1	0	0	0	0	44	38.0	1661	35	97	149	2.771	0.651	0.235	13.6	24.13
3229	40.9335	117.4289	-282.0	367	QOA1	0	0	0	0	50	37.5	1707	49	67	189	1.367	0.354	0.259	13.6	24.14
3230	40.9336	117.4294	-282.2	364	QOA1	0	0	0	0	38	37.4	1616	57	113	110	1.982	1.027	0.518	13.6	24.13
3231	40.9336	117.4299	-282.8	367	QOA1	0	0	0	0	48	40.4	1728	54	104	135	1.926	0.770	0.400	13.6	24.14
3232	40.9336	117.4304	-283.8	358	QOA1	0	0	0	0	32	40.2	1635	65	61	127	0.938	0.480	0.512	13.5	24.12
3233	40.9336	117.4309	-283.9	361	QOA1	0	0	0	0	43	40.3	1598	34	91	169	2.676	0.538	0.201	13.5	24.11
3234	40.9336	117.4315	-283.0	369	QOA1	0	0	1	0	47	40.5	1658	46	24	175	0.522	0.137	0.263	13.6	24.11
3235	40.9336	117.4320	-283.1	365	QOA1	0	0	0	0	49	40.4	1624	38	78	143	2.053	0.545	0.266	13.7	24.11
3236	40.9336	117.4325	-283.1	356	QOA1	0	0	0	0	42	40.2	1639	38	109	134	2.868	0.813	0.284	13.6	24.11
3237	40.9336	117.4330	-286.2	368	QOA1	0	0	0	0	40	40.5	1654	48	45	172	0.938	0.262	0.279	13.6	24.12
3238	40.9336	117.4336	-288.1	386	QOA1	0	0	0	0	42	40.9	1639	47	60	173	1.277	0.347	0.272	13.6	24.11
3239	40.9336	117.4341	-288.7	393	QOA1	0	0	0	0	46	41.1	1580	30	127	117	4.233	1.085	0.256	13.6	24.12
3240	40.9337	117.4346	-281.8	404	QOA1	0	0	0	0	31	41.3	1631	47	59	155	1.255	0.381	0.303	13.7	24.12
3241	40.9337	117.4351	-289.6	409	QOA1	0	0	1	0	46	41.5	1608	52	18	163	0.346	0.110	0.319	13.6	24.12

P
.15
.15
.14
.15
.13
.14
.14
.15
.17
.19
.20
.19
.19
.19
.22
.20
.19
.18
.18
.18
.19
.19
.18
.17
.19
.17
.20
.21
.18
.20
.21
.19
.18
.19
.19
.19
.19
.18
.17
.16
.18
.18
.19
.17
.18
.17
.20
.21
.21
.20
.18
.20
.20
.20

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3242	40.9337	117.4357	-290.0	410	00A1	0	0	0	0	45	41.5	1446	45	30	147	0.667	0.204	0.306	13.6	24.11
3243	40.9337	117.4362	-290.8	423	00A1	0	0	0	0	41	41.8	1558	40	87	101	2.175	0.861	0.396	13.6	24.13
3244	40.9337	117.4367	-290.5	418	00A1	0	0	0	0	46	41.7	1490	36	82	113	2.278	0.726	0.319	13.5	24.12
3245	40.9337	117.4372	-289.2	409	00A1	0	0	0	0	38	41.5	1578	38	92	119	2.421	0.773	0.319	13.6	24.12
3246	40.9337	117.4377	-293.6	407	00A1	0	0	0	0	39	41.4	1578	40	151	79	3.775	1.911	0.506	13.5	24.12
3247	40.9337	117.4383	-296.0	407	00A1	0	0	0	0	44	41.4	1629	59	49	143	0.831	0.343	0.413	13.5	24.12
3248	40.9337	117.4388	-298.1	406	00A1	0	0	0	0	38	41.4	1606	48	79	139	1.646	0.568	0.345	13.6	24.13
3249	40.9337	117.4393	-299.8	405	00A1	0	0	0	0	39	41.4	1681	39	74	171	1.897	0.433	0.228	13.6	24.14
3250	40.9338	117.4398	-299.7	400	00A1	0	0	0	0	39	39.2	1697	55	119	96	2.164	1.240	0.573	13.6	24.13
3251	40.9338	117.4404	-302.1	398	00A1	0	0	0	0	43	39.2	1617	48	67	140	1.396	0.479	0.343	13.6	24.14
3252	40.9338	117.4409	-303.3	394	00A1	0	0	0	0	44	39.1	1651	47	26	165	0.553	0.158	0.285	13.7	24.14
3253	40.9338	117.4414	-302.9	399	00A1	0	0	0	0	32	39.2	1685	65	28	186	0.431	0.151	0.349	13.6	24.15
3254	40.9338	117.4419	-303.5	402	00A1	0	0	0	0	35	39.3	1683	64	49	155	0.766	0.316	0.413	13.7	24.15
3255	40.9338	117.4425	-303.6	407	00A1	0	0	0	0	50	39.4	1596	62	57	125	0.919	0.456	0.496	13.7	24.14
3256	40.9338	117.4430	-303.7	411	00A1	0	0	0	0	43	39.5	1657	50	91	108	1.820	0.843	0.463	13.7	24.15
3257	40.9338	117.4435	-304.8	421	00A1	0	0	0	0	47	39.7	1653	55	98	117	1.782	0.838	0.470	13.8	24.16
3258	40.9338	117.4440	-306.4	428	00A1	0	0	1	0	51	39.8	1607	59	19	143	0.322	0.133	0.413	13.8	24.15
3259	40.9338	117.4446	-306.7	438	00A1	0	0	0	0	40	40.1	1637	50	113	121	2.260	0.934	0.413	13.8	24.13
3260	40.9338	117.4451	-307.1	439	00A1	0	0	0	0	42	40.1	1696	49	61	152	1.245	0.401	0.322	13.8	24.13
3261	40.9339	117.4456	-306.9	441	00A1	0	0	0	0	43	40.1	1661	33	92	156	2.788	0.590	0.212	13.9	24.17
3262	40.9339	117.4461	-309.9	434	00A1	0	0	1	0	58	40.0	1743	58	9	178	0.155	0.051	0.326	13.8	24.17
3263	40.9339	117.4464	-312.3	433	00A1	0	0	0	0	30	40.0	1642	65	48	124	0.738	0.387	0.524	13.7	24.15
3264	40.9339	117.4466	-315.0	433	00A1	0	0	0	0	37	40.0	1608	51	59	141	1.157	0.418	0.362	13.7	24.17
3265	40.9338	117.4469	-316.9	437	00A1	0	0	0	0	38	40.0	1693	39	73	194	1.872	0.376	0.201	13.7	24.16
3266	40.9338	117.4471	-318.1	439	00A1	0	0	0	0	44	40.1	1669	44	58	148	1.318	0.392	0.297	3.7	24.15
3267	40.9338	117.4473	-318.2	446	00A1	0	0	1	0	55	40.2	1726	53	-2	182	-0.038	-0.011	0.291	13.7	24.15
3268	40.9338	117.4476	-318.2	447	00A1	0	0	0	0	55	40.3	1666	42	27	177	0.643	0.153	0.237	13.7	24.14
3269	40.9338	117.4478	-316.3	449	00A1	0	0	0	0	41	39.8	1725	45	110	136	2.444	0.809	0.331	13.7	24.14
3270	40.9338	117.4481	-317.0	450	00A1	0	0	0	0	45	39.9	1778	50	121	131	2.420	0.924	0.382	13.6	24.14
3271	40.9338	117.4483	-317.2	454	00A1	0	0	0	0	52	39.9	1713	42	128	112	3.048	1.143	0.375	13.6	24.13
3272	40.9338	117.4486	-317.8	461	00A1	0	0	0	0	45	40.1	1697	58	60	142	1.034	0.423	0.408	13.7	24.12
3273	40.9338	117.4488	-319.0	464	00A1	0	0	1	0	44	40.2	1715	56	-7	197	-0.125	-0.036	0.284	13.7	24.11
3274	40.9337	117.4491	-320.9	470	00A1	0	0	0	0	38	40.3	1647	71	63	105	0.887	0.600	0.676	13.7	24.12
3275	40.9337	117.4493	-322.8	468	00A1	0	0	0	0	43	40.2	1687	47	60	175	1.277	0.343	0.269	13.6	24.09
3276	40.9337	117.4495	-323.7	473	00A1	0	0	0	0	37	40.4	1639	35	101	126	2.886	0.802	0.278	13.7	24.12
3277	40.9337	117.4498	-323.7	471	00A1	0	0	0	0	40	40.3	1667	37	78	132	2.108	0.591	0.280	13.7	24.13
3278	40.9337	117.4500	-324.6	469	00A1	0	0	0	0	45	40.3	1659	43	86	146	2.000	0.589	0.295	13.7	24.14
3279	40.9337	117.4503	-324.8	468	00A1	0	0	0	0	44	40.2	1737	41	57	182	1.390	0.313	0.225	13.6	24.14
3280	40.9337	117.4505	-324.7	471	00A1	0	0	0	0	46	40.3	1671	44	88	152	2.000	0.579	0.289	13.5	24.14
3281	40.9337	117.4508	-323.6	476	00A1	0	0	0	0	51	40.4	1780	35	183	73	5.229	2.507	0.479	13.6	24.14
3282	40.9337	117.4510	-321.4	474	00A1	0	0	0	0	57	40.4	1847	46	131	145	2.848	0.903	0.317	13.6	24.15
3283	40.9336	117.4513	-318.5	474	00A1	0	0	0	0	45	40.4	1804	55	113	135	2.055	0.837	0.407	13.6	24.15
3284	40.9336	117.4515	-315.2	471	00A1	0	0	0	0	43	40.3	1777	56	60	182	1.071	0.330	0.308	13.6	24.16
3285	40.9336	117.4517	-311.5	467	00A1	0	0	0	0	44	40.2	1797	65	39	164	0.600	0.238	0.396	13.6	24.16
3286	40.9336	117.4520	-309.2	458	00A1	0	0	0	0	40	40.0	1845	51	110	157	2.157	0.701	0.325	13.6	24.18
3287	40.9336	117.4522	-308.8	444	00A1	0	0	0	0	36	39.7	1849	51	147	137	2.882	1.073	0.372	13.5	24.19
3288	40.9336	117.4525	-309.1	433	00A1	0	0	0	0	40	36.3	1942	74	34	223	0.459	0.152	0.332	13.5	24.21
3289	40.9336	117.4527	-309.4	415	00A1	0	0	0	0	43	35.9	1803	65	75	188	1.154	0.399	0.346	13.5	24.21
3290	40.9336	117.4530	-306.7	404	00A1	0	0	0	0	67	35.7	1822	35	121	141	3.457	0.858	0.248	13.6	24.22
3291	40.9336	117.4532	-303.2	392	00A1	0	0	0	0	32	35.4	1839	72	102	115	1.417	0.887	0.626	13.5	24.21
3292	40.9336	117.4535	-299.0	382	00A1	0	0	0	0	54	35.2	1912	48	170	127	3.542	1.339	0.378	13.5	24.20
3293	40.9335	117.4537	-292.2	379	00A1	0	0	0	0	41	35.2	1828	45	108	164	2.400	0.659	0.274	13.5	24.20
3294	40.9335	117.4539	-292.2	380	00A1	0	0	0	0	39	35.2	1855	61	130	125	2.131	1.040	0.488	13.4	24.19
3295	40.9335	117.4542	-288.3	387	00A1	0	0	0	0	44	35.3	1844	54	106	187	1.963	0.567	0.289	13.5	24.18

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3296	40.9335	117.4544	-287.2	395	QOA1	0	0	0	0	52	35.5	1852	49	101	173	2.061	0.584	0.283	13.4	24.15
3297	40.9335	117.4547	-284.8	403	QOA1	0	0	0	0	37	35.7	1708	44	75	156	1.705	0.481	0.282	13.4	24.15
3298	40.9335	117.4549	-280.7	408	QOA1	0	0	0	0	43	35.8	1877	63	88	164	1.397	0.537	0.384	13.4	24.15
3299	40.9335	117.4552	-278.6	416	QOA1	0	0	1	0	49	35.9	1880	69	19	212	0.275	0.090	0.325	13.4	24.12
3300	40.9335	117.4554	-275.0	424	QOA1	0	0	0	0	35	36.1	1796	53	123	146	2.321	0.842	0.363	13.4	24.13
3301	40.9335	117.4557	-271.3	429	QOA1	0	0	0	0	49	36.2	1839	66	29	193	0.439	0.150	0.342	13.5	24.13
3302	40.9334	117.4559	-267.7	435	QOA1	0	0	0	0	34	36.3	1875	72	51	170	0.708	0.300	0.424	13.5	24.13
3303	40.9334	117.4561	-263.2	433	QOA1	0	0	0	0	39	36.3	1848	56	141	138	2.518	1.022	0.406	13.5	24.13
3304	40.9334	117.4564	-263.1	432	QOA1	0	0	0	0	41	36.3	1923	78	50	181	0.641	0.276	0.431	13.4	24.13
3305	40.9334	117.4566	-263.9	428	QOA1	0	0	0	0	45	36.2	1892	45	130	135	2.889	0.963	0.333	13.5	24.13
3306	40.9334	117.4569	-262.3	427	QOA1	0	0	0	0	50	36.2	1878	62	52	181	0.839	0.287	0.343	13.5	24.13
3307	40.9334	117.4571	-262.0	432	QOA1	0	0	0	0	53	35.6	1920	58	183	78	3.155	2.346	0.744	13.5	24.17
3308	40.9334	117.4574	-261.9	428	QOA1	0	0	0	0	50	35.5	1886	52	92	169	1.769	0.544	0.308	13.5	24.15
3309	40.9334	117.4576	-261.4	428	QOA1	0	0	0	0	35	35.5	1954	60	114	172	1.900	0.663	0.349	13.5	24.14
3310	40.9334	117.4579	-260.8	430	QOA1	0	0	0	0	38	35.5	1903	54	141	131	2.611	1.076	0.412	13.5	24.14
3311	40.9333	117.4581	-259.4	436	QOA1	0	0	0	0	52	35.7	1948	67	136	132	2.030	1.030	0.508	13.6	24.16
3312	40.9333	117.4583	-258.9	436	QOA1	0	0	0	0	34	35.7	1825	49	106	187	2.163	0.567	0.262	13.6	24.15
3313	40.9333	117.4586	-258.0	442	QOA1	0	0	0	0	50	35.8	2051	61	120	200	1.967	0.600	0.305	13.5	24.13
3314	40.9333	117.4588	-258.5	443	QOA1	0	0	0	0	52	35.8	1918	76	88	143	1.158	0.615	0.531	13.5	24.13
3315	40.9333	117.4591	-258.6	447	QOA1	0	0	0	0	49	35.9	1873	60	94	167	1.567	0.563	0.359	13.5	24.12
3316	40.9333	117.4593	-258.3	447	QOA1	0	0	0	0	39	35.9	1949	68	158	115	2.324	1.374	0.591	13.4	24.10
3317	40.9333	117.4596	-258.8	445	QOA1	0	0	0	0	51	35.8	1819	66	110	121	1.667	0.909	0.545	13.5	24.11
3318	40.9333	117.4598	-259.0	443	QOA1	0	0	0	0	46	35.8	1852	64	120	103	1.875	1.165	0.621	13.4	24.12
3319	40.9333	117.4601	-257.9	441	QOA1	0	0	0	0	34	35.8	1819	66	43	201	0.652	0.214	0.328	13.4	24.09
3320	40.9333	117.4603	-257.1	439	QOA1	0	0	0	0	47	35.7	1824	68	52	170	0.765	0.306	0.400	13.3	24.09
3321	40.9332	117.4605	-257.1	435	QOA1	0	0	0	0	28	35.7	1830	40	97	190	2.425	0.511	0.211	13.4	24.10
3322	40.9332	117.4608	-254.6	434	QOA1	0	0	0	0	50	35.6	1714	43	167	110	3.884	1.518	0.391	13.4	24.10
3323	40.9332	117.4610	-253.2	434	QOA1	0	0	0	0	48	35.6	1897	64	117	145	1.828	0.807	0.441	13.4	24.10
3324	40.9332	117.4613	-251.5	431	QOA1	0	0	0	0	60	35.6	1919	62	62	203	1.000	0.305	0.305	13.4	24.10
3325	40.9332	117.4615	-248.9	426	QOA1	0	0	0	0	40	35.5	1872	66	118	118	1.788	1.000	0.559	13.3	24.10
3326	40.9332	117.4618	-242.4	423	QOA1	0	0	0	0	50	39.0	1795	62	56	170	0.903	0.329	0.365	13.4	24.11
3327	40.9332	117.4620	-242.4	419	QOA1	0	0	0	0	39	39.0	1788	64	38	181	0.594	0.210	0.354	13.4	24.10
3328	40.9332	117.4623	-235.3	416	QOA1	0	0	0	0	40	38.9	1803	57	85	145	1.491	0.586	0.393	13.4	24.12
3329	40.9332	117.4625	-232.6	409	QOA1	0	0	0	0	35	38.7	1830	62	132	122	2.129	1.082	0.508	13.4	24.09
3330	40.9331	117.4627	-232.8	403	QOA1	0	0	1	0	37	38.6	1877	85	18	153	0.212	0.118	0.556	13.4	24.11
3331	40.9331	117.4630	-233.6	398	QOA1	0	0	0	0	43	38.5	1788	53	118	162	2.226	0.728	0.327	13.4	24.10
3332	40.9331	117.4632	-234.8	393	QOA1	0	0	0	0	49	38.4	1845	39	104	186	2.667	0.559	0.210	13.4	24.10
3333	40.9331	117.4635	-238.5	387	QOA1	0	0	0	0	43	38.2	1808	40	152	132	3.800	1.152	0.303	13.3	24.11
3334	40.9331	117.4637	-243.5	386	QOA1	0	0	0	0	47	38.2	1866	54	94	151	1.741	0.623	0.358	13.3	24.10
3335	40.9331	117.4640	-249.0	385	QOA1	0	0	0	0	42	38.2	1841	72	100	114	1.316	0.877	0.667	13.3	24.09
3336	40.9331	117.4642	-254.7	381	QOA1	0	0	1	0	39	38.1	1716	68	-6	159	-0.088	-0.038	0.428	13.4	24.08
3337	40.9331	117.4645	-257.6	384	QOA1	0	0	0	0	37	38.1	1570	50	83	138	1.660	0.601	0.362	13.3	24.08
3338	40.9331	117.4647	-258.0	387	QOA1	0	0	0	0	42	38.2	1600	51	62	133	1.216	0.466	0.383	13.3	24.10
3339	40.9331	117.4649	-256.9	388	QOA1	0	0	0	0	45	38.3	1513	48	98	85	2.042	1.153	0.565	13.3	24.08
3340	40.9330	117.4652	-253.8	393	QOA1	0	0	0	0	52	38.4	1452	33	66	128	2.000	0.516	0.258	13.3	24.08
3341	40.9330	117.4654	-251.0	396	QOA1	0	0	0	0	45	38.4	1462	33	38	150	1.152	0.253	0.220	13.2	24.04
3342	40.9330	117.4657	-248.1	404	QOA1	0	0	0	0	56	38.6	1469	36	50	111	1.389	0.450	0.324	13.3	24.03
3343	40.9330	117.4659	-250.2	413	QOA1	0	0	0	0	41	38.8	1465	44	82	88	1.864	0.932	0.500	13.3	24.02
3344	40.9330	117.4662	-250.2	416	QOA1	0	0	0	0	50	38.9	1395	36	73	73	2.028	1.000	0.493	13.3	24.04
3345	40.9330	117.4664	-257.2	410	QOA1	0	0	0	0	32	41.7	1351	53	71	66	1.340	1.076	0.803	13.3	23.99
3346	40.9330	117.4667	-265.9	405	QOA1	0	0	0	0	49	41.6	1342	37	64	74	1.730	0.865	0.500	13.3	23.96
3347	40.9330	117.4669	-270.8	405	QOA1	0	0	0	0	38	41.6	1266	41	26	104	0.634	0.250	0.394	13.3	23.93
3348	40.9330	117.4671	-273.0	407	QOA1	0	0	0	0	39	41.6	1250	39	40	60	1.026	0.667	0.650	13.2	23.89
3349	40.9329	117.4674	-276.7	406	QOA1	0	0	0	0	43	41.6	1213	34	84	41	2.471	2.049	0.829	13.2	23.87

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3350	40.9329	117.4676	-276.1	407	QQA1	0	0	0	0	44	41.6	1167	27	85	57	3.148	1.491	0.474	13.2	23.83
3351	40.9329	117.4679	-276.6	402	QQA1	0	0	0	0	35	41.5	1135	33	54	62	1.636	0.871	0.532	13.1	23.81
3352	40.9329	117.4681	-278.8	400	QQA1	0	0	1	0	45	41.5	1108	36	-10	81	-0.278	-0.123	0.444	13.1	23.79
3353	40.9329	117.4684	-277.8	395	QQA1	0	0	0	0	43	41.3	1093	22	51	56	2.318	0.911	0.393	13.1	23.78
3354	40.9329	117.4686	-279.3	387	QQA1	0	0	1	0	44	41.2	1104	38	17	80	0.447	0.213	0.475	13.0	23.73
3355	40.9329	117.4689	-280.0	383	QQA1	0	0	0	0	61	41.0	1039	13	52	53	4.000	0.981	0.245	13.0	23.74
3356	40.9329	117.4691	-279.5	383	QQA1	0	0	1	0	39	41.0	1065	21	15	86	0.714	0.174	0.244	13.0	23.71
3357	40.9329	117.4693	-279.9	381	QQA1	0	0	0	0	46	41.0	1079	22	56	60	2.545	0.933	0.367	12.9	23.71
3358	40.9328	117.4696	-279.6	377	QQA1	0	0	0	0	43	40.9	1078	18	37	65	2.056	0.569	0.277	12.9	23.66
3359	40.9328	117.4698	-278.6	375	QQA1	0	0	0	0	47	40.9	1066	21	49	58	2.333	0.845	0.362	12.8	23.65
3360	40.9328	117.4701	-280.1	373	QQA1	0	0	1	0	46	40.8	1096	31	3	75	0.097	0.040	0.413	12.8	23.64
3361	40.9328	117.4703	-279.5	371	QQA1	0	0	0	0	50	40.8	1066	19	26	81	1.368	0.321	0.235	12.9	23.63
3362	40.9328	117.4706	-278.7	368	QQA1	0	0	0	0	49	40.7	994	16	65	38	4.063	1.711	0.421	12.7	23.59
3363	40.9328	117.4708	-279.7	365	QQA1	0	0	0	0	42	40.6	1009	26	45	60	1.731	0.750	0.433	12.7	23.58
3364	40.9328	117.4711	-280.2	361	QQA1	0	0	0	0	43	40.6	1048	21	30	93	1.429	0.323	0.226	12.7	23.57
3365	40.9328	117.4713	-279.6	361	QQA1	0	0	0	0	52	40.6	1043	21	45	76	2.143	0.592	0.276	12.6	23.57
3366	40.9328	117.4715	-280.1	359	QQA1	0	0	0	0	47	40.6	1028	26	30	53	1.154	0.566	0.491	12.6	23.55
3367	40.9328	117.4718	-280.0	359	QQA1	0	0	0	0	55	40.6	938	20	29	45	1.450	0.644	0.444	12.5	23.54
3368	40.9327	117.4720	-279.4	369	QQA1	0	0	1	0	47	40.8	948	22	20	66	0.909	0.303	0.333	12.5	23.54
3369	40.9327	117.4723	-279.5	381	QQA1	0	0	0	0	35	41.1	1025	26	21	73	0.808	0.288	0.356	12.5	23.53
3370	40.9327	117.4725	-278.0	402	QQA1	0	0	1	0	55	41.6	1037	33	9	49	0.273	0.184	0.673	12.4	23.53
3371	40.9327	117.4728	-276.9	431	QQA1	0	0	0	0	49	42.3	1048	24	21	62	0.875	0.339	0.387	12.4	23.53
3372	40.9327	117.4730	-275.8	469	QQA1	0	0	0	0	47	43.2	1124	19	99	49	5.211	2.020	0.388	12.4	23.54
3373	40.9327	117.4733	-277.8	494	QQA1	0	0	0	0	58	43.8	1127	13	58	67	4.462	0.866	0.194	12.5	23.55
3374	40.9327	117.4735	-277.7	499	QQA1	0	0	0	0	61	43.9	1134	19	35	73	1.842	0.479	0.260	12.4	23.55
3375	40.9327	117.4737	-277.3	532	QQA1	0	0	0	0	53	44.6	1162	31	32	61	1.032	0.525	0.508	12.4	23.54
3376	40.9327	117.4740	-277.0	562	QQA1	0	0	0	0	51	45.2	1301	28	68	54	2.429	1.259	0.519	12.3	23.57
3377	40.9326	117.4742	-276.7	596	QQA1	0	0	0	0	44	45.9	1375	36	85	38	2.361	2.237	0.947	12.3	23.60
3378	40.9326	117.4745	-275.6	602	QQA1	0	0	0	0	51	46.0	1335	33	37	86	1.121	0.430	0.384	12.3	23.60
3379	40.9326	117.4747	-275.3	598	QQA1	0	0	1	0	53	45.9	1331	38	15	73	0.395	0.205	0.521	12.1	23.61
3380	40.9326	117.4750	-275.1	613	QQA1	0	0	0	0	48	46.2	1439	50	50	59	1.000	0.847	0.847	12.1	23.63
3381	40.9326	117.4752	-274.5	624	QQA1	0	0	0	0	59	46.5	1388	9	82	93	9.111	0.882	0.097	12.1	23.64
3382	40.9326	117.4755	-272.8	612	QQA1	0	0	0	0	47	46.2	1442	32	71	86	2.219	0.826	0.372	12.0	23.65
3383	40.9326	117.4757	-274.1	593	QQA1	0	0	0	0	45	36.9	1534	51	57	67	1.118	0.851	0.761	12.0	23.67
3384	40.9326	117.4759	-274.4	548	QQA1	0	0	0	0	44	36.2	1485	30	68	103	2.267	0.660	0.291	11.9	23.69
3385	40.9326	117.4762	-274.5	501	QQA1	0	0	0	0	57	35.3	1443	34	113	74	3.324	1.527	0.459	11.9	23.70
3386	40.9325	117.4764	-273.8	496	QQA1	0	0	0	0	49	35.2	1350	32	80	57	2.500	1.404	0.561	11.9	23.72
3387	40.9325	117.4767	-273.2	492	QQA1	0	0	0	0	64	35.2	1481	35	103	68	2.943	1.515	0.515	11.9	23.74
3388	40.9325	117.4769	-273.2	491	QQA1	0	0	0	0	46	35.2	1510	54	34	120	0.630	0.283	0.450	11.8	23.76
3389	40.9325	117.4772	-270.1	491	QQA1	0	0	0	0	55	35.2	1537	33	80	134	2.424	0.597	0.246	11.9	23.79
3390	40.9325	117.4774	-270.1	491	QQA1	0	0	0	0	50	35.2	1603	46	70	100	1.522	0.700	0.460	11.9	23.81
3391	40.9325	117.4777	-268.7	493	QQA1	0	0	0	0	51	35.2	1591	34	71	134	2.088	0.530	0.254	11.9	23.83
3392	40.9325	117.4779	-269.7	494	QQA1	0	0	0	0	39	35.2	1687	58	88	117	1.517	0.752	0.496	12.0	23.83
3393	40.9325	117.4781	-269.8	496	QQA1	0	0	0	0	53	35.2	1792	43	108	151	2.512	0.715	0.285	12.0	23.83
3394	40.9325	117.4784	-266.1	514	QQA1	0	0	0	0	57	35.6	1813	53	48	165	0.906	0.291	0.321	12.1	23.87
3395	40.9325	117.4786	-265.9	502	QQA1	0	0	0	0	57	35.4	1866	50	116	124	2.320	0.935	0.403	12.0	23.85
3396	40.9324	117.4789	-263.6	498	QQA1	0	0	0	0	40	35.3	1972	64	113	151	1.766	0.748	0.424	12.0	23.84
3397	40.9324	117.4791	-260.6	495	QQA1	0	0	0	0	50	35.2	2033	75	81	176	1.080	0.460	0.426	12.1	23.87
3398	40.9324	117.4794	-258.8	494	QQA1	0	0	0	0	58	35.2	2132	80	78	194	0.975	0.402	0.412	12.0	23.88
3399	40.9324	117.4796	-254.8	493	QQA1	0	0	0	0	57	35.2	2284	73	139	167	1.904	0.832	0.437	12.1	23.88
3400	40.9324	117.4799	-253.9	495	QQA1	0	0	0	0	49	35.2	2465	67	199	178	2.970	1.118	0.376	12.1	23.91
3401	40.9324	117.4801	-250.1	492	QQA1	0	0	0	0	59	35.2	2428	100	97	200	0.970	0.485	0.500	12.1	23.91
3402	40.9324	117.4803	-247.7	474	QQA1	0	0	0	0	40	28.9	2531	109	192	182	1.761	1.055	0.599	12.1	23.90
3403	40.9324	117.4806	-249.8	433	QQA1	0	0	0	0	35	28.2	2534	94	214	154	2.277	1.390	0.610	12.1	23.91

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3404	40.9324	117.4808	-252.2	408	QOA1	0	0	0	0	50	27.8	2472	94	271	134	2.883	2.022	0.701	12.1	23.94
3405	40.9323	117.4811	-255.6	413	QOA1	0	0	0	0	35	27.9	2651	107	254	171	2.374	1.485	0.626	12.2	23.93
3406	40.9323	117.4813	-261.7	414	QOA1	0	0	0	0	50	27.9	2640	133	165	190	1.241	0.868	0.700	12.2	23.94
3407	40.9323	117.4816	-266.5	407	QOA1	0	0	0	0	34	27.8	2647	110	186	227	1.691	0.819	0.485	12.2	23.93
3408	40.9323	117.4818	-273.7	399	QOA1	0	0	0	0	37	27.7	2659	113	162	268	1.434	0.604	0.422	12.2	23.92
3409	40.9323	117.4820	-292.5	393	QOA1	0	0	0	0	46	27.6	2621	113	190	207	1.681	0.918	0.546	12.3	23.94
3410	40.9323	117.4823	-292.5	385	QOA1	0	0	0	0	48	27.5	2697	112	191	233	1.705	0.820	0.481	12.4	23.95
3411	40.9323	117.4825	-310.2	380	QOA1	0	0	0	0	41	27.4	2807	134	178	219	1.328	0.813	0.612	12.5	23.96
3412	40.9323	117.4828	-318.6	385	QOA1	0	0	0	0	36	27.5	2692	112	290	163	2.589	1.779	0.687	12.4	23.93
3413	40.9323	117.4830	-321.9	406	QOA1	0	0	0	0	65	27.8	2800	89	261	241	2.933	1.083	0.369	12.5	23.94
3414	40.9323	117.4833	-321.5	448	QOA1	0	0	0	0	37	28.5	2854	131	224	243	1.710	0.922	0.539	12.5	23.94
3415	40.9322	117.4835	-320.6	483	QOA1	0	0	0	0	34	29.0	2904	136	245	207	1.801	1.184	0.657	12.5	23.93
3416	40.9322	117.4838	-320.0	487	QOA1	0	0	0	0	62	29.1	2880	110	235	177	2.136	1.328	0.621	12.5	23.93
3417	40.9322	117.4840	-319.8	481	QOA1	0	0	0	0	43	29.0	2762	106	145	289	1.368	0.502	0.367	12.4	23.93
3418	40.9322	117.4842	-319.4	485	QOA1	0	0	0	0	52	29.0	2772	134	177	218	1.321	0.812	0.615	12.4	23.91
3419	40.9322	117.4845	-317.3	490	QOA1	0	0	0	0	43	29.1	2636	126	153	225	1.214	0.680	0.560	12.5	23.89
3420	40.9322	117.4847	-316.0	491	QOA1	0	0	0	0	45	29.1	2698	89	264	162	2.966	1.630	0.549	12.5	23.89
3421	40.9322	117.4850	-314.4	495	QOA1	0	0	0	0	56	25.4	2551	106	193	171	1.821	1.129	0.620	12.5	23.88
3422	40.9322	117.4852	-314.1	498	QOA1	0	0	0	0	43	25.4	2383	98	150	134	1.531	1.119	0.731	12.5	23.90
3423	40.9322	117.4855	-313.4	515	QOA1	0	0	0	0	52	25.6	2439	106	86	228	0.811	0.377	0.465	12.6	23.89
3424	40.9321	117.4857	-311.9	509	QOA1	0	0	0	0	46	25.5	2367	91	229	95	2.516	2.411	0.958	12.6	23.90
3425	40.9321	117.4860	-310.8	516	QOA1	0	0	0	0	47	25.6	2179	74	125	170	1.689	0.735	0.435	12.6	23.89
3426	40.9321	117.4862	-306.3	533	QOA1	0	0	0	0	67	25.8	2202	68	130	179	1.912	0.726	0.380	12.6	23.88
3427	40.9321	117.4864	-306.1	545	QOA1	0	0	0	0	63	26.0	2366	88	99	197	1.125	0.503	0.447	12.6	23.89
3428	40.9321	117.4867	-300.5	528	QOA1	0	0	0	0	50	25.8	2300	75	161	171	2.147	0.942	0.439	12.6	23.88
3429	40.9321	117.4869	-298.6	507	QOA1	0	0	0	0	34	25.5	2197	79	163	165	2.063	0.988	0.479	12.4	23.86
3430	40.9321	117.4872	-295.4	499	QOA1	0	0	0	0	47	25.4	2326	85	130	159	1.529	0.818	0.535	12.5	23.86
3431	40.9321	117.4874	-293.3	499	QOA1	0	0	0	0	41	25.4	2203	81	148	175	1.827	0.846	0.463	12.4	23.83
3432	40.9321	117.4877	-292.8	497	QOA1	0	0	0	0	53	25.4	2283	80	174	189	2.175	0.921	0.423	12.4	23.85
3433	40.9320	117.4879	-293.2	495	QOA1	0	0	0	0	42	25.4	2300	81	107	269	1.321	0.398	0.301	12.5	23.85
3434	40.9320	117.4882	-293.7	492	QOA1	0	0	0	0	51	25.3	2294	80	160	177	2.000	0.904	0.452	12.4	23.85
3435	40.9320	117.4884	-296.1	490	QOA1	0	0	0	0	46	25.3	2372	86	132	190	1.535	0.695	0.453	12.5	23.85
3436	40.9320	117.4888	-297.8	489	QOA1	0	0	0	0	44	25.3	2344	98	98	201	1.000	0.488	0.488	12.5	23.87
3437	40.9320	117.4892	-300.2	488	QOA1	0	0	0	0	44	25.3	2350	87	129	255	1.483	0.506	0.341	12.5	23.86
3438	40.9320	117.4896	-303.6	491	QOA1	0	0	0	0	54	25.3	2350	74	164	186	2.216	0.882	0.398	12.5	23.87
3439	40.9320	117.4900	-306.3	493	QOA1	0	0	0	0	39	25.3	2482	96	161	204	1.677	0.789	0.471	12.5	23.85
3440	40.9320	117.4904	-310.1	496	QOA1	0	0	0	0	47	27.5	2406	80	147	235	1.838	0.626	0.340	12.5	23.85
3441	40.9320	117.4908	-314.6	495	QOA1	0	0	0	0	34	27.5	2540	100	176	205	1.760	0.859	0.488	12.5	23.84
3442	40.9320	117.4912	-319.7	496	QOA1	0	0	0	0	48	27.5	2528	67	225	221	3.358	1.018	0.303	12.5	23.86
3443	40.9320	117.4916	-324.4	493	EOM	0	0	0	0	48	27.4	2643	105	81	318	0.764	0.255	0.333	12.5	23.84
3444	40.9320	117.4920	-331.6	480	EOM	0	0	0	0	36	27.2	2737	105	191	270	1.819	0.707	0.389	12.6	23.88
3445	40.9319	117.4924	-332.8	447	EOM	0	0	0	0	44	26.8	2718	107	85	297	0.794	0.286	0.360	12.5	23.87
3446	40.9319	117.4928	-333.4	429	EOM	0	0	0	0	60	26.5	2568	92	110	273	1.196	0.403	0.337	12.6	23.86
3447	40.9319	117.4932	-334.7	413	EOM	0	0	0	0	39	26.3	2732	79	230	294	2.911	0.782	0.269	12.6	23.86
3448	40.9319	117.4936	-334.7	394	EOM	0	0	0	0	66	26.0	2578	97	97	286	1.000	0.339	0.339	12.6	23.85
3449	40.9319	117.4940	-334.0	377	EOM	0	0	0	0	55	25.7	2507	95	180	254	1.895	0.709	0.374	12.7	23.82
3450	40.9319	117.4944	-332.3	363	EOM	0	0	0	0	46	25.5	2488	110	154	217	1.400	0.710	0.507	12.6	23.80
3451	40.9319	117.4948	-328.1	350	EOM	0	0	0	0	53	25.3	2518	118	86	259	0.729	0.332	0.456	12.6	23.79
3452	40.9319	117.4952	-324.8	340	EOM	0	0	0	0	38	25.1	2397	84	189	219	2.250	0.863	0.384	12.6	23.78
3453	40.9319	117.4956	-321.3	330	EOM	0	0	0	0	49	25.0	2492	129	185	168	1.434	1.101	0.768	12.6	23.75
3454	40.9319	117.4960	-319.2	331	EOM	0	0	0	0	54	25.0	2357	98	146	227	1.490	0.643	0.432	12.6	23.73
3455	40.9319	117.4964	-318.6	338	EOM	0	0	0	0	49	25.1	2385	90	184	200	2.044	0.920	0.450	12.6	23.72
3456	40.9319	117.4968	-318.4	351	EOM	0	0	0	0	49	25.3	2352	100	130	192	1.300	0.677	0.521	12.7	23.71
3457	40.9319	117.4972	-321.4	364	EOM	0	0	0	0	51	25.5	2356	79	237	178	3.000	1.331	0.444	12.7	23.71

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3458	40.9318	117.4976	-325.4	388	EOM	0	0	0	0	42	25.9	2357	61	225	195	3.689	1.154	0.313	12.7	23.69
3459	40.9318	117.4980	-337.0	415	EOM	0	0	0	0	66	27.4	2395	78	137	241	1.756	0.568	0.324	12.7	23.68
3460	40.9318	117.4984	-336.8	438	EOM	0	0	0	0	63	27.8	2411	86	135	217	1.570	0.622	0.396	12.6	23.64
3461	40.9318	117.4988	-352.0	459	EOM	0	0	0	0	45	28.1	2332	90	217	142	2.411	1.528	0.634	12.7	23.67
3462	40.9318	117.4992	-360.0	473	EOM	0	0	0	0	47	28.3	2378	94	107	227	1.138	0.471	0.414	12.6	23.63
3463	40.9318	117.4996	-369.1	482	EOM	0	0	0	0	47	28.4	2494	86	194	219	2.256	0.886	0.393	12.7	23.64
3464	40.9318	117.5000	-373.0	486	EOM	0	0	0	0	45	28.5	2360	96	134	208	1.396	0.644	0.462	12.7	23.63
3465	40.9318	117.5004	-382.7	487	EOM	0	0	0	0	58	28.5	2617	96	164	226	1.708	0.726	0.425	12.6	23.64
3466	40.9318	117.5008	-387.1	487	EOM	0	0	0	0	39	28.5	2551	85	227	206	2.671	1.102	0.413	12.6	23.67
3467	40.9318	117.5012	-386.7	489	EOM	0	0	0	0	55	28.5	2709	91	227	224	2.495	1.013	0.406	12.7	23.69
3468	40.9318	117.5016	-381.1	490	EOM	0	0	0	0	45	28.6	2698	108	169	211	1.565	0.801	0.512	12.6	23.69
3469	40.9318	117.5020	-371.5	491	EOM	0	0	0	0	58	28.6	2734	90	230	219	2.556	1.050	0.411	12.6	23.69
3470	40.9318	117.5024	-359.7	491	TRD	0	0	0	0	51	28.6	2574	132	117	201	0.886	0.582	0.657	12.6	23.70
3471	40.9317	117.5028	-348.3	493	TRD	0	0	0	0	48	28.6	2617	130	122	182	0.938	0.670	0.714	12.6	23.72
3472	40.9317	117.5032	-338.4	495	TRD	0	0	0	0	37	28.6	2545	96	173	224	1.802	0.772	0.429	12.6	23.72
3473	40.9317	117.5036	-328.8	498	TRD	0	0	0	0	60	28.7	2496	108	112	196	1.037	0.571	0.551	12.6	23.74
3474	40.9317	117.5040	-321.5	498	TRD	0	0	0	0	39	28.7	2511	85	191	186	2.247	1.027	0.457	12.5	23.71
3475	40.9317	117.5045	-313.9	495	TRD	0	0	0	0	51	28.6	2521	96	125	260	1.302	0.481	0.369	12.5	23.72
3476	40.9317	117.5049	-312.6	491	TRD	0	0	0	0	43	28.6	2429	101	121	213	1.198	0.568	0.474	12.5	23.71
3477	40.9317	117.5053	-312.5	487	TRD	0	0	0	0	42	28.5	2475	73	205	198	2.808	1.035	0.369	12.6	23.74
3478	40.9317	117.5057	-320.6	468	TRD	0	0	0	0	50	30.4	2541	111	106	224	0.955	0.473	0.496	12.5	23.75
3479	40.9317	117.5061	-330.6	432	TRD	0	0	0	0	55	29.8	2500	94	106	238	1.128	0.445	0.395	12.4	23.73
3480	40.9317	117.5065	-329.0	394	TRD	0	0	0	0	44	29.2	2526	92	180	210	1.957	0.857	0.438	12.5	23.75
3481	40.9317	117.5069	-329.5	364	TRD	0	0	0	0	43	28.7	2440	129	90	195	0.698	0.462	0.662	12.5	23.73
3482	40.9317	117.5073	-320.5	341	TRD	0	0	0	0	59	28.2	2353	99	80	255	0.808	0.314	0.388	12.5	23.75
3483	40.9317	117.5077	-309.0	330	TRD	0	0	0	0	42	28.0	2514	113	133	211	1.177	0.630	0.536	12.5	23.75
3484	40.9316	117.5081	-294.2	333	TRD	0	0	0	0	41	28.1	2459	88	204	215	2.318	0.949	0.409	12.5	23.74
3485	40.9316	117.5085	-281.9	350	TRD	0	0	0	0	43	28.4	2357	102	182	149	1.784	1.221	0.685	12.6	23.71
3486	40.9316	117.5089	-271.4	376	TRD	0	0	0	0	39	28.9	2488	122	66	255	0.541	0.259	0.478	12.5	23.69
3487	40.9316	117.5093	-264.0	411	TRD	0	0	0	0	54	29.5	2459	101	154	189	1.525	0.815	0.534	12.5	23.67
3488	40.9316	117.5097	-258.7	443	TRD	0	0	0	0	51	30.0	2349	87	180	218	2.069	0.826	0.399	12.6	23.68
3489	40.9316	117.5101	-255.2	458	TRD	0	0	0	0	39	30.2	2386	95	190	206	2.000	0.922	0.461	12.6	23.67
3490	40.9316	117.5105	-253.0	468	TRD	0	0	0	0	47	30.4	2364	59	178	196	3.017	0.908	0.301	12.6	23.67
3491	40.9316	117.5109	-252.1	479	TRD	0	0	0	0	30	30.6	2247	72	123	212	1.708	0.580	0.340	12.6	23.66
3492	40.9316	117.5113	-254.7	487	TRD	0	0	0	0	51	30.7	2325	95	123	201	1.295	0.612	0.473	12.6	23.66
3493	40.9316	117.5117	-256.5	492	TRD	0	0	0	0	47	30.8	2311	75	108	202	1.440	0.535	0.371	12.6	23.66
3494	40.9316	117.5121	-266.6	497	TRD	0	0	0	0	34	30.9	2344	95	156	151	1.642	1.033	0.629	12.7	23.70
3495	40.9316	117.5125	-270.5	497	TRD	0	0	0	0	47	30.9	2332	96	61	256	0.635	0.238	0.375	12.6	23.67
3496	40.9316	117.5129	-276.5	497	TRD	0	0	0	0	53	30.9	2409	83	181	162	2.181	1.117	0.512	12.6	23.68
3497	40.9315	117.5133	-285.4	496	TRD	0	0	0	0	40	33.2	2291	102	100	206	0.980	0.485	0.495	12.6	23.68
3498	40.9315	117.5137	-291.6	492	TRD	0	0	0	0	43	33.2	2276	79	80	239	1.013	0.335	0.331	12.6	23.67
3499	40.9315	117.5141	-299.2	490	TRD	0	0	0	0	42	33.1	2248	98	96	210	0.980	0.457	0.467	12.6	23.67
3500	40.9315	117.5145	-306.7	482	QOA1	0	0	0	0	62	33.0	2263	74	100	209	1.351	0.478	0.354	12.5	23.69
3501	40.9315	117.5149	-314.9	472	QOA1	0	0	0	0	41	32.8	2261	82	81	214	0.988	0.379	0.383	12.5	23.68
3502	40.9315	117.5153	-324.7	459	QOA1	0	0	0	0	54	32.6	2286	68	108	205	1.588	0.527	0.332	12.5	23.67
3503	40.9315	117.5157	-334.7	445	QOA1	0	0	0	0	43	32.4	2109	71	97	194	1.366	0.500	0.366	12.5	23.68
3504	40.9315	117.5161	-346.0	433	QOA1	0	0	0	0	42	32.1	2330	79	154	205	1.949	0.751	0.385	12.4	23.67
3505	40.9315	117.5165	-357.0	429	QOA1	0	0	0	0	45	32.1	2173	81	152	153	1.877	0.993	0.529	12.5	23.67
3506	40.9315	117.5169	-367.4	428	QOA1	0	0	0	0	44	32.1	2173	59	162	179	2.746	0.905	0.330	12.5	23.68
3507	40.9315	117.5173	-374.5	430	QOA1	0	0	0	0	41	32.1	2275	78	186	173	2.385	1.075	0.451	12.5	23.68
3508	40.9315	117.5177	-378.9	436	QOA1	0	0	0	0	38	32.2	2252	92	142	177	1.543	0.802	0.520	12.5	23.64
3509	40.9314	117.5181	-368.2	446	QOA1	0	0	0	0	45	32.4	2223	90	38	255	0.422	0.149	0.353	12.5	23.60
3510	40.9314	117.5185	-368.0	453	QOA1	0	0	0	0	50	32.5	2305	78	163	180	2.090	0.906	0.433	12.4	23.59
3511	40.9314	117.5189	-346.1	466	QOA1	0	0	0	0	53	32.7	2167	74	125	180	1.689	0.694	0.411	12.4	23.56

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3512	40.9314	117.5193	-335.4	475	QOA1	0	0	0	0	47	32.9	2333	54	187	183	3.463	1.022	0.295	12.4	23.53
3513	40.9314	117.5197	-328.0	485	QOA1	0	0	0	0	53	33.0	2338	112	43	197	0.384	0.218	0.569	12.4	23.49
3514	40.9314	117.5201	-319.6	486	QOA1	0	0	0	0	53	33.1	2286	104	76	213	0.731	0.357	0.488	12.4	23.50
3515	40.9314	117.5205	-314.1	486	TRD	0	0	0	0	53	33.1	2266	62	126	214	2.032	0.589	0.290	12.4	23.51
3516	40.9314	117.5209	-309.5	485	TRD	0	0	0	0	43	28.7	2319	88	150	210	1.705	0.714	0.419	12.4	23.48
3517	40.9314	117.5213	-305.4	483	TRD	0	0	0	0	59	28.7	2400	95	151	194	1.589	0.778	0.490	12.4	23.47
3518	40.9314	117.5217	-303.8	478	TRD	0	0	0	0	55	28.6	2300	64	230	171	3.594	1.345	0.374	12.4	23.47
3519	40.9314	117.5221	-303.1	464	TRD	0	0	0	0	51	28.4	2391	93	115	203	1.237	0.567	0.458	12.4	23.46
3520	40.9314	117.5225	-305.4	454	TRD	0	0	0	0	46	28.3	2438	79	171	196	2.165	0.872	0.403	12.4	23.48
3521	40.9314	117.5229	-309.4	437	TRD	0	0	0	0	49	28.0	2472	101	159	205	1.574	0.776	0.493	12.4	23.47
3522	40.9313	117.5233	-316.4	422	TRD	0	0	0	0	42	27.8	2459	105	109	232	1.038	0.470	0.453	12.4	23.45
3523	40.9313	117.5237	-316.5	401	TRD	0	0	0	0	43	27.4	2484	112	147	211	1.313	0.697	0.531	12.4	23.47
3524	40.9313	117.5241	-334.3	382	TRD	0	0	1	0	46	27.1	2482	133	21	258	0.158	0.081	0.516	12.2	23.44
3525	40.9313	117.5245	-342.4	364	TRD	0	0	0	0	50	26.8	2514	106	158	239	1.491	0.661	0.444	12.2	23.42
3526	40.9313	117.5249	-346.1	351	TRD	0	0	0	0	45	26.6	2581	129	115	240	0.891	0.479	0.538	12.2	23.43
3527	40.9313	117.5253	-346.1	341	TRD	0	0	0	0	47	26.4	2586	105	103	263	0.981	0.392	0.399	12.2	23.39
3528	40.9313	117.5257	-335.7	327	TRD	0	0	0	0	50	26.2	2591	109	162	252	1.486	0.643	0.433	12.2	23.39
3529	40.9313	117.5261	-328.7	312	TRD	0	0	0	0	51	25.9	2666	119	195	238	1.639	0.819	0.500	12.1	23.36
3530	40.9313	117.5265	-317.5	293	TRD	0	0	0	0	53	25.6	2713	140	169	226	1.207	0.748	0.619	12.1	23.35
3531	40.9313	117.5269	-306.0	281	TRD	0	0	0	0	50	25.4	2622	113	186	256	1.646	0.727	0.441	12.2	23.35
3532	40.9313	117.5273	-291.8	268	TRD	0	0	0	0	66	25.1	2735	122	171	270	1.402	0.633	0.452	12.2	23.34
3533	40.9313	117.5277	-277.3	257	TRD	0	0	0	0	75	24.9	2648	122	195	209	1.598	0.933	0.584	12.2	23.33
3534	40.9313	117.5281	-266.8	243	TRD	0	0	0	0	47	24.7	2607	136	86	300	0.632	0.287	0.453	12.3	23.33
3535	40.9312	117.5285	-255.8	232	TRD	0	0	0	0	56	24.8	2631	149	65	309	0.436	0.210	0.482	12.2	23.31
3536	40.9312	117.5289	-250.8	227	TRD	0	0	0	0	63	24.7	2523	106	155	260	1.462	0.596	0.408	12.2	23.28
3537	40.9312	117.5293	-245.5	220	TRD	0	0	0	0	58	24.6	2483	99	234	196	2.364	1.194	0.505	12.1	23.28
3538	40.9312	117.5297	-241.2	210	TRD	0	0	0	0	54	24.4	2478	107	243	220	2.271	1.105	0.486	12.2	23.29
3539	40.9312	117.5301	-238.0	197	TRD	0	0	0	0	50	24.1	2396	136	47	238	0.346	0.197	0.571	12.2	23.27
3540	40.9312	117.5305	-233.6	196	TRD	0	0	0	0	42	24.1	2443	131	156	223	1.191	0.700	0.587	12.2	23.29
3541	40.9312	117.5309	-227.7	215	TRD	0	0	0	0	49	24.5	2557	121	87	268	0.719	0.325	0.451	12.2	23.26
3542	40.9312	117.5313	-229.2	260	TRD	0	0	0	0	65	25.4	2603	108	167	261	1.546	0.640	0.414	12.2	23.25
3543	40.9312	117.5317	-238.0	300	TRD	0	0	0	0	39	26.1	2630	109	137	289	1.257	0.474	0.377	12.2	23.27
3544	40.9312	117.5321	-249.5	349	TRD	0	0	0	0	45	27.0	2821	124	120	358	0.968	0.335	0.346	12.3	23.27
3545	40.9312	117.5325	-253.8	398	TRD	0	0	0	0	57	27.8	2788	106	177	309	1.670	0.573	0.343	12.1	23.25
3546	40.9312	117.5329	-256.1	433	TRD	0	0	0	0	50	28.4	2941	123	155	324	1.260	0.478	0.380	12.1	23.25
3547	40.9312	117.5333	-259.5	462	TRD	0	0	0	0	59	28.8	3023	149	145	332	0.973	0.437	0.449	12.0	23.27
3548	40.9311	117.5337	-259.0	484	TRD	0	0	0	0	61	29.2	3028	154	169	274	1.097	0.617	0.562	11.9	23.23
3549	40.9311	117.5341	-259.6	489	TRD	0	0	0	0	40	29.2	3074	131	253	202	1.931	1.252	0.649	11.9	23.25
3550	40.9311	117.5345	-256.8	490	TRD	0	0	0	0	41	29.3	2862	140	187	205	1.336	0.912	0.683	11.9	23.26
3551	40.9311	117.5349	-254.5	489	TRD	0	0	0	0	50	29.2	3004	129	143	331	1.192	0.432	0.363	11.8	23.26
3552	40.9311	117.5353	-249.1	491	TRD	0	0	0	0	66	29.3	2884	119	177	255	1.487	0.694	0.467	11.8	23.27
3553	40.9311	117.5357	-245.5	496	TRD	0	0	0	0	52	29.3	2809	137	102	309	0.745	0.330	0.443	11.8	23.29
3554	40.9311	117.5361	-239.2	514	TRD	0	0	0	0	43	24.3	2975	154	169	235	1.097	0.719	0.655	11.8	23.29
3555	40.9311	117.5365	-235.3	556	TRD	0	0	0	0	56	24.8	3064	101	278	279	2.752	0.996	0.362	11.8	23.29
3556	40.9311	117.5369	-233.7	589	TRD	0	0	0	0	57	25.1	3111	139	168	227	1.209	0.740	0.612	11.8	23.30
3557	40.9311	117.5373	-231.9	581	TRD	0	0	0	0	53	25.1	3266	150	141	316	0.940	0.446	0.475	11.7	23.29
3558	40.9311	117.5377	-231.9	573	TRD	0	0	0	0	54	25.0	3041	127	122	306	0.961	0.399	0.415	11.7	23.29
3559	40.9311	117.5381	-234.4	557	TRD	0	0	0	0	47	24.8	3074	159	186	260	1.170	0.715	0.612	11.7	23.28
3560	40.9311	117.5385	-234.5	530	TRD	0	0	0	0	57	24.5	2954	127	188	257	1.480	0.732	0.494	11.7	23.28
3561	40.9310	117.5389	-239.0	520	TRD	0	0	0	0	66	24.4	3054	115	221	231	1.922	0.957	0.498	11.8	23.27
3562	40.9310	117.5394	-236.1	496	TRD	0	0	0	0	65	24.1	2959	135	168	272	1.244	0.618	0.496	11.7	23.27
3563	40.9310	117.5398	-239.8	494	TRD	0	0	0	0	59	24.0	2957	92	223	278	2.424	0.802	0.331	11.7	23.25
3564	40.9310	117.5402	-240.3	481	TRD	0	0	0	0	35	23.9	2985	136	173	278	1.272	0.622	0.489	11.7	23.23
3565	40.9310	117.5406	-238.8	447	TRD	0	0	0	0	65	23.5	2938	134	171	267	1.276	0.640	0.502	11.7	23.18

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3566	40.9310	117.5410	-241.6	424	TRD	0	0	0	0	35	23.2	2940	139	194	255	1.396	0.761	0.545	11.6	23.19
3567	40.9310	117.5414	-238.6	408	TRD	0	0	0	0	47	23.0	2899	130	138	313	1.062	0.441	0.415	11.6	23.16
3568	40.9310	117.5418	-239.6	403	TRD	0	0	0	0	43	22.9	2899	129	215	268	1.667	0.802	0.481	11.6	23.14
3569	40.9310	117.5422	-237.5	404	TRD	0	0	0	0	56	22.9	2860	107	216	235	2.019	0.919	0.455	11.6	23.13
3570	40.9310	117.5426	-237.6	408	TRD	0	0	0	0	47	23.0	2846	116	142	292	1.224	0.486	0.397	11.6	23.12
3571	40.9310	117.5430	-236.3	402	TRD	0	0	0	0	51	22.9	2833	126	201	251	1.595	0.801	0.502	11.7	23.13
3572	40.9310	117.5434	-236.9	408	TRD	0	0	0	0	56	23.0	2885	107	192	301	1.794	0.638	0.355	11.6	23.11
3573	40.9310	117.5438	-235.5	417	TRD	0	0	0	0	62	20.7	2713	118	148	264	1.254	0.561	0.447	11.7	23.11
3574	40.9309	117.5442	-237.9	422	TRD	0	0	0	0	63	20.7	2876	128	203	272	1.586	0.746	0.471	11.6	23.07
3575	40.9309	117.5446	-237.0	424	TRD	0	0	0	0	75	20.8	2829	106	165	264	1.557	0.625	0.402	11.6	23.05
3576	40.9309	117.5450	-241.1	432	TRD	0	0	0	0	62	20.9	2757	123	117	285	0.951	0.411	0.432	11.5	23.02
3577	40.9309	117.5454	-241.0	435	TRD	0	0	0	0	62	20.9	2803	128	135	286	1.055	0.472	0.448	11.6	23.03
3578	40.9309	117.5458	-239.9	437	TRD	0	0	0	0	45	20.9	2747	102	253	198	2.480	1.278	0.515	11.5	23.02
3579	40.9309	117.5462	-240.3	438	TRD	0	0	0	0	49	20.9	2794	150	144	219	0.960	0.658	0.685	11.5	23.02
3580	40.9309	117.5466	-240.2	435	TRD	0	0	0	0	60	20.9	2735	117	176	241	1.504	0.730	0.485	11.5	23.03
3581	40.9309	117.5470	-239.5	426	TRD	0	0	0	0	59	20.8	2719	111	147	310	1.324	0.474	0.358	11.5	23.03
3582	40.9309	117.5474	-239.4	417	TRD	0	0	0	0	69	20.7	2713	132	159	258	1.205	0.616	0.512	11.5	23.02
3583	40.9309	117.5478	-239.9	411	TRD	0	0	0	0	75	20.6	2666	129	124	254	0.961	0.488	0.508	11.5	23.02
3584	40.9309	117.5482	-239.1	402	TRD	0	0	0	0	61	20.5	2820	111	202	251	1.820	0.805	0.442	11.4	23.01
3585	40.9309	117.5486	-239.8	394	TRD	0	0	0	0	67	20.4	2691	106	136	330	1.283	0.412	0.321	11.4	23.01
3586	40.9308	117.5490	-239.8	385	TRD	0	0	0	0	73	20.3	2650	121	219	207	1.810	1.058	0.585	11.4	23.01
3587	40.9308	117.5494	-238.7	363	TRD	0	0	0	0	70	20.0	2636	118	247	182	2.093	1.357	0.648	11.3	22.98
3588	40.9308	117.5498	-238.4	350	TRD	0	0	0	0	44	19.9	2567	103	209	246	2.029	0.850	0.419	11.2	22.98
3589	40.9308	117.5502	-237.7	333	TRD	0	0	0	0	53	19.6	2491	111	176	232	1.586	0.759	0.478	11.2	22.97
3590	40.9308	117.5506	-237.7	320	TRD	0	0	0	0	56	19.5	2570	110	113	262	1.027	0.431	0.420	11.2	22.97
3591	40.9308	117.5510	-235.0	309	TRD	0	0	0	0	56	19.3	2573	109	174	265	1.596	0.657	0.411	11.1	22.95
3592	40.9308	117.5514	-235.0	297	TRD	0	0	0	0	40	17.0	2511	153	56	254	0.366	0.220	0.602	11.1	22.95
3593	40.9308	117.5518	-232.0	286	TRD	0	0	0	0	59	16.8	2448	128	66	269	0.516	0.245	0.476	11.1	22.95
3594	40.9308	117.5522	-227.8	271	TRD	0	0	0	0	50	16.7	2539	106	206	246	1.943	0.837	0.431	11.1	22.99
3595	40.9308	117.5526	-223.6	256	TRD	0	0	0	0	67	16.5	2464	95	191	226	2.011	0.845	0.420	11.1	22.98
3596	40.9308	117.5530	-223.4	240	TRD	0	0	0	0	56	16.3	2431	99	192	231	1.939	0.831	0.429	11.0	22.96
3597	40.9308	117.5534	-224.4	226	TRD	0	0	0	0	47	16.1	2426	117	124	251	1.060	0.494	0.466	11.0	22.95
3598	40.9308	117.5538	-235.2	233	TRD	0	0	0	0	55	16.2	2470	136	126	207	0.926	0.609	0.657	10.9	22.94
3599	40.9307	117.5542	-242.0	255	TRD	0	0	0	0	75	16.4	2580	122	140	227	1.148	0.617	0.537	10.9	22.92
3600	40.9307	117.5546	-251.4	284	TRD	0	0	0	0	70	16.8	2636	109	123	292	1.128	0.421	0.373	10.9	22.95
3601	40.9307	117.5550	-257.0	323	TRD	0	0	0	0	43	17.3	2723	127	125	328	0.984	0.381	0.387	10.9	22.95
3602	40.9307	117.5554	-264.0	364	TRD	0	0	0	0	56	17.7	2844	136	115	341	0.846	0.337	0.399	10.9	22.97
3603	40.9307	117.5558	-274.5	414	TRD	0	0	0	0	52	18.3	2851	105	239	261	2.276	0.916	0.402	10.9	22.98
3604	40.9307	117.5562	-282.5	467	TRD	0	0	0	0	47	18.8	2994	144	73	348	0.507	0.210	0.414	10.9	22.99
3605	40.9307	117.5566	-290.0	489	TRD	0	0	0	0	53	19.0	3002	117	152	328	1.299	0.463	0.357	11.0	23.01
3606	40.9307	117.5570	-294.7	484	TRD	0	0	0	0	57	19.0	3011	124	177	349	1.427	0.507	0.355	11.1	23.00
3607	40.9307	117.5574	-296.4	441	TRD	0	0	0	0	53	18.6	2936	145	197	233	1.359	0.845	0.622	11.1	23.01
3608	40.9307	117.5578	-292.0	395	TRD	0	0	0	0	52	18.1	2777	107	211	281	1.972	0.751	0.381	11.1	23.01
3609	40.9307	117.5582	-269.4	358	TRD	0	0	0	0	45	17.7	2684	132	182	243	1.379	0.749	0.543	11.1	23.02
3610	40.9307	117.5586	-269.7	316	TRD	0	0	0	0	62	17.2	2705	114	261	203	2.289	1.286	0.562	11.1	22.99
3611	40.9307	117.5590	-250.7	274	TRD	0	0	0	0	53	11.5	2658	122	208	241	1.705	0.863	0.506	11.2	23.01
3612	40.9306	117.5594	-243.6	241	TRD	0	0	0	0	65	11.2	2681	123	198	252	1.610	0.786	0.488	11.2	23.02
3613	40.9306	117.5598	-239.8	240	TRD	0	0	0	0	83	11.2	2794	122	145	288	1.189	0.503	0.424	11.3	23.02
3614	40.9306	117.5602	-245.2	265	TRD	0	0	0	0	45	11.4	2762	149	147	275	0.987	0.535	0.542	11.3	22.99
3615	40.9306	117.5606	-252.6	297	TRD	0	0	0	0	41	11.7	2784	123	331	208	2.691	1.591	0.591	11.3	22.97
3616	40.9306	117.5610	-256.4	311	TRD	0	0	0	0	49	11.8	2794	114	321	228	2.816	1.408	0.500	11.2	22.96
3617	40.9306	117.5614	-256.8	317	TRD	0	0	0	0	68	11.9	2928	124	290	257	2.339	1.128	0.482	11.2	22.93
3618	40.9306	117.5618	-260.1	325	TRD	0	0	0	0	49	11.9	2877	126	218	280	1.730	0.779	0.450	11.2	22.92
3619	40.9306	117.5622	-261.5	335	TRD	0	0	0	0	56	12.0	2807	155	112	266	0.723	0.421	0.583	11.2	22.89

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3620	40.9306	117.5626	-264.5	352	TRD	0	0	0	0	55	12.1	2873	116	284	292	2.448	0.973	0.397	11.3	22.87
3621	40.9306	117.5630	-267.0	367	TRD	0	0	0	0	64	12.3	2996	146	114	354	0.781	0.322	0.412	11.3	22.87
3622	40.9306	117.5634	-270.3	380	TRD	0	0	0	0	84	12.4	3224	136	237	332	1.743	0.714	0.410	11.3	22.85
3623	40.9306	117.5638	-272.1	391	TRD	0	0	0	0	74	12.4	3050	143	130	343	0.909	0.379	0.417	11.3	22.82
3624	40.9306	117.5642	-276.5	395	TRD	0	0	0	0	57	12.5	3102	137	220	338	1.606	0.651	0.405	11.2	22.78
3625	40.9305	117.5646	-278.4	399	TRD	0	0	0	0	46	12.5	3120	165	131	336	0.794	0.390	0.491	11.2	22.76
3626	40.9305	117.5650	-279.0	401	TRD	0	0	0	0	77	12.5	3219	165	162	310	0.982	0.523	0.532	11.2	22.75
3627	40.9305	117.5654	-278.9	405	TRD	0	0	0	0	59	12.5	3123	155	154	346	0.994	0.445	0.448	11.3	22.72
3628	40.9305	117.5658	-279.8	411	TRD	0	0	0	0	68	12.6	3194	158	229	266	1.449	0.861	0.594	11.2	22.71
3629	40.9305	117.5662	-282.6	413	TRD	0	0	0	0	62	12.6	3111	137	185	333	1.350	0.556	0.411	11.2	22.69
3630	40.9305	117.5666	-283.0	423	TRD	0	0	0	0	56	15.6	3106	173	183	327	1.058	0.560	0.529	11.1	22.67
3631	40.9305	117.5670	-283.4	424	TRD	0	0	0	0	74	15.6	3196	144	227	319	1.576	0.712	0.451	11.1	22.65
3632	40.9305	117.5674	-284.3	419	TRD	0	0	0	0	62	15.6	3129	126	312	281	2.476	1.110	0.448	11.1	22.61
3633	40.9305	117.5678	-282.2	418	TRD	0	0	0	0	63	15.6	3111	136	214	300	1.574	0.713	0.453	11.1	22.59
3634	40.9305	117.5682	-282.1	418	TRD	0	0	0	0	56	15.6	3112	126	297	260	2.357	1.142	0.485	11.0	22.57
3635	40.9305	117.5686	-281.8	416	TRD	0	0	0	0	48	15.6	3089	130	251	325	1.931	0.772	0.400	11.0	22.56
3636	40.9305	117.5690	-279.5	413	TRD	0	0	0	0	64	15.5	3183	151	275	274	1.821	1.004	0.551	10.9	22.57
3637	40.9305	117.5694	-279.2	404	TRD	0	0	0	0	59	15.5	3141	177	120	328	0.678	0.366	0.540	10.9	22.56
3638	40.9304	117.5698	-278.2	400	TRD	0	0	0	0	67	15.4	3175	128	200	353	1.563	0.567	0.363	10.8	22.55
3639	40.9304	117.5702	-276.9	388	TRD	0	0	0	0	60	15.3	3059	142	258	257	1.817	1.004	0.553	10.7	22.53
3640	40.9304	117.5706	-274.7	372	TRD	0	0	0	0	69	15.2	2981	140	250	274	1.786	0.912	0.511	10.6	22.54
3641	40.9304	117.5710	-275.8	347	TRD	0	0	0	0	76	14.9	2987	128	204	320	1.594	0.638	0.400	10.5	22.53
3642	40.9304	117.5714	-272.7	323	TRD	0	0	0	0	72	14.7	3046	151	176	350	1.166	0.503	0.431	10.4	22.52
3643	40.9304	117.5718	-270.2	314	TRD	0	0	0	0	75	14.6	3019	168	131	324	0.780	0.404	0.519	10.4	22.51
3644	40.9304	117.5722	-265.7	300	TRD	0	0	0	0	59	14.5	3045	157	170	336	1.083	0.506	0.467	10.4	22.56
3645	40.9304	117.5726	-262.2	285	TRD	0	0	0	0	59	14.3	3094	134	212	319	1.582	0.665	0.420	10.3	22.53
3646	40.9304	117.5730	-258.8	261	TRD	0	0	0	0	66	14.1	2986	158	265	274	1.677	0.967	0.577	10.2	22.53
3647	40.9304	117.5734	-252.1	241	TRD	0	0	0	0	65	13.9	2951	175	123	305	0.703	0.403	0.574	10.1	22.50
3648	40.9304	117.5738	-246.0	223	EH1	0	0	0	0	65	13.7	2900	160	183	308	1.144	0.594	0.519	10.0	22.49
3649	40.9304	117.5742	-237.3	205	EH1	0	0	0	0	61	4.3	2899	154	132	328	0.857	0.402	0.470	10.0	22.48
3650	40.9304	117.5747	-228.2	197	EH1	0	0	0	0	61	4.3	2725	139	226	281	1.626	0.804	0.495	10.0	22.49
3651	40.9303	117.5751	-230.6	208	EH1	0	0	0	0	74	4.3	2809	138	237	279	1.717	0.849	0.495	9.9	22.49
3652	40.9303	117.5755	-241.0	231	EH1	0	0	0	0	64	4.4	2851	146	107	307	0.733	0.349	0.476	10.0	22.48
3653	40.9303	117.5759	-252.8	250	EH1	0	0	0	0	53	4.5	2807	144	98	343	0.681	0.286	0.420	9.9	22.48
3654	40.9303	117.5763	-261.7	271	EH1	0	0	0	0	67	4.6	2802	136	186	274	1.368	0.679	0.496	9.9	22.46
3655	40.9303	117.5767	-267.0	293	EH1	0	0	0	0	70	4.6	2915	140	251	283	1.793	0.887	0.495	9.9	22.45
3656	40.9303	117.5771	-269.2	314	EH1	0	0	0	0	82	4.7	2840	159	113	285	0.711	0.396	0.558	10.0	22.45
3657	40.9303	117.5775	-269.8	329	EH1	0	0	0	0	71	4.8	2867	142	185	296	1.303	0.625	0.480	10.0	22.44
3658	40.9303	117.5779	-270.1	338	EH1	0	0	0	0	58	4.8	2961	166	180	253	1.084	0.711	0.656	9.9	22.42
3659	40.9303	117.5783	-268.1	352	EH1	0	0	0	0	58	4.8	2962	143	262	253	1.832	1.036	0.565	10.0	22.42
3660	40.9303	117.5787	-265.5	359	EH1	0	0	0	0	66	4.8	3026	148	162	334	1.095	0.485	0.443	10.1	22.43
3661	40.9303	117.5791	-259.3	367	EH1	0	0	0	0	63	4.9	2936	141	202	290	1.433	0.697	0.486	10.1	22.44
3662	40.9303	117.5795	-256.7	370	EH1	0	0	0	0	68	4.9	3120	132	262	288	1.985	0.910	0.458	10.1	22.41
3663	40.9303	117.5799	-255.6	369	EH1	0	0	0	0	69	4.9	3071	157	152	357	0.968	0.426	0.440	10.1	22.39
3664	40.9302	117.5803	-253.6	364	EH1	0	0	0	0	43	4.9	3220	175	292	259	1.669	1.127	0.676	10.0	22.36
3665	40.9302	117.5807	-254.0	361	EH1	0	0	0	0	84	4.9	3036	149	170	324	1.141	0.525	0.460	10.0	22.34
3666	40.9302	117.5811	-252.2	352	EH1	0	0	0	0	84	4.8	3123	155	148	343	0.955	0.431	0.452	10.0	22.33
3667	40.9302	117.5815	-254.2	340	EH1	0	0	0	0	46	4.8	3172	170	306	279	1.800	1.097	0.609	10.0	22.32
3668	40.9302	117.5819	-253.5	325	EH1	0	0	0	0	63	9.1	3113	140	230	382	1.643	0.602	0.366	10.1	22.31
3669	40.9302	117.5823	-254.3	310	EH1	0	0	0	0	71	9.0	3027	124	351	247	2.831	1.421	0.502	10.0	22.30
3670	40.9302	117.5827	-252.3	297	EH1	0	0	0	0	77	8.9	3080	133	246	348	1.850	0.707	0.382	10.0	22.28
3671	40.9302	117.5831	-253.6	277	EH1	0	0	0	0	53	8.8	3096	144	280	298	1.944	0.940	0.483	10.0	22.26
3672	40.9302	117.5835	-257.4	260	EH1	0	0	0	0	71	8.6	3105	140	239	353	1.707	0.677	0.397	10.0	22.24
3673	40.9302	117.5839	-259.7	243	EH1	0	0	0	0	64	8.5	2857	135	274	247	2.030	1.109	0.547	10.0	22.24

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3674	40.9302	117.5843	-265.5	227	EH1	0	0	0	0	66	8.4	2910	148	149	300	1.007	0.497	0.493	9.9	22.23
3675	40.9302	117.5847	-264.0	220	EH1	0	0	0	0	76	8.4	2905	130	321	269	2.469	1.193	0.483	9.9	22.22
3676	40.9301	117.5851	-265.9	220	EH1	0	0	0	0	68	8.4	2868	123	368	246	2.992	1.496	0.500	10.0	22.21
3677	40.9301	117.5855	-265.8	215	EH1	0	0	0	0	76	8.3	2867	138	211	296	1.529	0.713	0.466	10.0	22.21
3678	40.9301	117.5859	-273.3	214	EH1	0	0	0	0	50	8.3	2849	135	213	329	1.578	0.647	0.410	10.0	22.19
3679	40.9301	117.5863	-278.2	207	EH1	0	0	0	0	65	8.3	2889	142	219	316	1.542	0.693	0.449	9.8	22.16
3680	40.9301	117.5867	-279.9	200	EH1	0	0	0	0	70	8.2	2849	139	221	284	1.590	0.778	0.489	9.8	22.14
3681	40.9301	117.5871	-268.6	201	EH1	0	0	0	0	61	8.2	2729	128	185	287	1.445	0.645	0.446	9.7	22.13
3682	40.9301	117.5875	-257.7	208	EH1	0	0	0	0	62	8.3	2887	136	227	253	1.669	0.897	0.538	9.7	22.14
3683	40.9301	117.5879	-257.5	216	EH1	0	0	0	0	87	8.3	2870	150	166	297	1.107	0.559	0.505	9.7	22.13
3684	40.9301	117.5883	-265.3	228	EH1	0	0	0	0	62	8.4	2907	138	223	332	1.616	0.672	0.416	9.7	22.12
3685	40.9301	117.5887	-274.8	248	EH1	0	0	0	0	91	8.6	2869	144	206	273	1.431	0.755	0.527	9.6	22.14
3686	40.9301	117.5891	-280.3	270	EH1	0	0	0	0	85	8.7	2949	118	267	301	2.263	0.887	0.392	9.7	22.16
3687	40.9301	117.5895	-286.0	292	EH1	0	0	0	0	88	11.8	3086	158	201	317	1.272	0.634	0.498	9.7	22.14
3688	40.9301	117.5899	-285.8	309	EH1	0	0	0	0	76	12.0	3136	152	271	290	1.783	0.934	0.524	9.7	22.13
3689	40.9300	117.5903	-280.4	341	EH1	0	0	0	0	85	12.2	3201	140	308	327	2.200	0.942	0.428	9.7	22.13
3690	40.9300	117.5907	-272.8	381	EH1	0	0	0	0	73	12.5	3222	138	292	321	2.116	0.910	0.430	9.7	22.14
3691	40.9300	117.5911	-265.6	418	EH1	0	0	0	0	77	12.8	3337	137	296	310	2.161	0.955	0.442	9.6	22.13
3692	40.9300	117.5915	-260.7	457	EH1	0	0	0	0	71	13.1	3373	134	277	350	2.067	0.791	0.383	9.5	22.14
3693	40.9300	117.5919	-257.4	487	EH1	0	0	0	0	63	13.3	3374	112	264	377	2.357	0.700	0.297	9.6	22.17
3694	40.9300	117.5923	-257.2	497	EH1	0	0	0	0	83	13.4	3085	97	304	246	3.134	1.236	0.394	9.6	22.18
3695	40.9300	117.5927	-258.9	547	EH1	0	0	0	0	75	13.7	3078	137	170	265	1.241	0.642	0.517	9.5	22.18
3696	40.9300	117.5931	-259.2	601	EH1	0	0	0	0	77	14.0	2976	124	162	252	1.306	0.643	0.492	9.4	22.16
3697	40.9300	117.5935	-258.6	627	EH1	0	0	0	0	78	14.2	2877	115	190	294	1.652	0.646	0.391	9.4	22.17
3698	40.9300	117.5939	-260.2	633	EH1	0	0	0	0	74	14.2	2842	120	207	197	1.725	1.051	0.609	9.3	22.16
3699	40.9300	117.5943	-263.1	635	EH1	0	0	0	0	79	14.2	2619	101	165	242	1.634	0.682	0.417	9.3	22.19
3700	40.9300	117.5947	-263.3	633	EH1	0	0	0	0	81	14.2	2614	102	156	199	1.529	0.784	0.513	9.3	22.20
3701	40.9300	117.5951	-267.6	640	EH1	0	0	0	0	71	14.3	2470	109	107	181	0.982	0.591	0.602	9.2	22.21
3702	40.9299	117.5955	-270.2	651	EH1	0	0	0	0	77	14.3	2556	69	224	186	3.246	1.204	0.371	9.2	22.23
3703	40.9299	117.5959	-273.8	658	EH1	0	0	0	0	72	14.4	2515	94	168	173	1.787	0.971	0.543	9.2	22.26
3704	40.9299	117.5963	-277.4	658	EH1	0	0	0	0	67	14.4	2419	76	204	195	2.684	1.046	0.390	9.2	22.26
3705	40.9299	117.5967	-279.6	659	EH1	0	0	0	0	56	14.4	2343	72	251	150	3.486	1.673	0.480	9.2	22.29
3706	40.9299	117.5971	-280.6	675	EH1	0	0	0	0	77	30.7	2364	90	103	191	1.144	0.539	0.471	9.1	22.29
3707	40.9299	117.5975	-283.5	701	EH1	1	0	0	0	45	31.0	2312	68	183	166	2.691	1.102	0.410	9.0	22.30
3708	40.9299	117.5979	-285.9	683	EH1	0	0	0	0	73	30.8	2233	95	63	154	0.663	0.409	0.617	8.9	22.30
3709	40.9299	117.5983	-285.7	695	EH1	0	0	0	0	56	31.0	2167	78	140	144	1.795	0.972	0.542	8.9	22.30
3710	40.9299	117.5987	-287.8	699	EH1	0	0	0	0	74	31.0	2129	53	151	159	2.849	0.950	0.333	8.9	22.31
3711	40.9299	117.5991	-289.2	730	EH1	1	0	0	0	65	31.4	2260	58	158	200	2.724	0.790	0.290	8.9	22.33
3712	40.9299	117.5995	-290.4	750	EH1	1	0	0	0	66	31.6	2306	62	185	155	2.984	1.194	0.400	8.8	22.31
3713	40.9299	117.5999	-291.3	757	EH1	1	0	0	0	64	31.7	2225	89	75	186	0.843	0.403	0.478	8.9	22.33
3714	40.9299	117.6003	-290.0	775	EH1	1	0	1	0	67	31.9	2316	111	20	255	0.180	0.078	0.435	8.9	22.35
3715	40.9298	117.6007	-291.4	776	EH1	1	0	0	0	65	31.9	2327	68	183	100	2.691	1.830	0.680	8.9	22.36
3716	40.9298	117.6011	-289.1	775	EH1	1	0	0	0	68	31.9	2259	62	112	184	1.806	0.609	0.337	8.9	22.37
3717	40.9298	117.6015	-291.7	779	EH1	1	0	0	0	40	31.9	2213	54	217	121	4.019	1.793	0.446	8.8	22.37
3718	40.9298	117.6019	-290.7	775	EH1	1	0	0	0	65	31.9	2107	78	79	161	1.013	0.491	0.484	8.8	22.37
3719	40.9298	117.6023	-291.3	775	EH1	1	0	0	0	76	31.9	2177	77	34	197	0.442	0.173	0.391	8.8	22.36
3720	40.9298	117.6027	-291.0	771	EH1	1	0	0	0	64	31.8	2098	82	101	139	1.232	0.727	0.590	8.8	22.38
3721	40.9298	117.6031	-291.7	770	EH1	1	0	0	0	86	31.8	2100	75	75	166	1.000	0.452	0.452	8.8	22.38
3722	40.9298	117.6035	-291.6	770	EH1	1	0	0	0	73	31.8	2068	58	83	157	1.431	0.529	0.369	8.8	22.40
3723	40.9298	117.6039	-292.2	750	EH1	1	0	0	0	80	31.6	2042	69	129	66	1.870	1.955	1.045	8.8	22.43
3724	40.9298	117.6043	-291.6	742	EH1	1	0	0	0	69	31.5	1986	58	84	171	1.448	0.491	0.339	8.9	22.44
3725	40.9298	117.6047	-292.0	718	EH1	1	0	1	0	53	40.6	1988	92	12	143	0.130	0.084	0.643	8.9	22.45
3726	40.9298	117.6051	-291.4	716	EH1	1	0	0	0	62	40.6	1864	37	149	91	4.027	1.637	0.407	8.9	22.46
3727	40.9298	117.6055	-291.6	711	EH1	1	0	0	0	62	40.5	2019	76	81	104	1.066	0.779	0.731	9.0	22.47

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3728	40.9297	117.6059	-291.8	713	EH1	1	0	0	0	59	40.6	2126	87	103	116	1.184	0.888	0.750	9.0	22.53
3729	40.9297	117.6063	-291.6	688	EH1	0	0	0	0	50	40.2	1866	73	47	160	0.644	0.294	0.456	9.0	22.52
3730	40.9297	117.6067	-291.7	671	EH1	0	0	1	0	53	39.9	1874	74	-5	197	-0.068	-0.025	0.376	9.0	22.53
3731	40.9297	117.6071	-293.8	642	EH1	0	0	0	0	66	39.5	1882	57	98	112	1.719	0.875	0.509	9.1	22.55
3732	40.9297	117.6075	-294.2	616	EH1	0	0	0	0	61	39.1	1910	63	89	138	1.413	0.645	0.457	9.2	22.57
3733	40.9297	117.6079	-293.4	607	EH1	0	0	0	0	57	38.9	1821	56	85	122	1.518	0.697	0.459	9.2	22.58
3734	40.9297	117.6083	-292.1	580	EH1	0	0	0	0	59	38.5	1786	79	52	109	0.658	0.477	0.725	9.2	22.59
3735	40.9297	117.6087	-291.5	540	EH1	0	0	0	0	65	37.8	1819	50	117	130	2.340	0.900	0.385	9.2	22.61
3736	40.9297	117.6091	-293.3	504	EH1	0	0	0	0	66	37.1	1666	42	82	145	1.952	0.566	0.290	9.2	22.62
3737	40.9297	117.6096	-293.5	494	EH1	0	0	0	0	55	36.9	1703	64	100	82	1.563	1.220	0.780	9.3	22.64
3738	40.9297	117.6100	-292.2	492	EH1	0	0	0	0	55	36.9	1661	49	58	149	1.184	0.389	0.329	9.4	22.68
3739	40.9297	117.6104	-292.8	494	EH1	0	0	0	0	65	36.9	1663	51	29	179	0.569	0.162	0.285	9.4	22.70
3740	40.9297	117.6108	-293.7	495	EH1	0	0	1	0	42	37.0	1761	69	14	178	0.203	0.079	0.388	9.6	22.75
3741	40.9296	117.6112	-293.3	497	EH1	0	0	0	0	66	37.0	1642	52	49	126	0.942	0.389	0.413	9.6	22.74
3742	40.9296	117.6116	-292.5	496	EH1	0	0	0	0	65	37.0	1610	45	56	109	1.244	0.514	0.413	9.6	22.73
3743	40.9296	117.6120	-293.0	494	EH1	0	0	0	0	57	37.0	1756	31	107	134	3.452	0.799	0.231	9.6	22.73
3744	40.9296	117.6124	-292.8	495	EH1	0	0	0	0	66	39.3	1749	62	91	92	1.468	0.989	0.674	9.6	22.75
3745	40.9296	117.6128	-293.2	496	EH1	0	0	0	0	56	39.3	1605	41	68	164	1.659	0.415	0.250	9.7	22.77
3746	40.9296	117.6132	-292.4	496	EH1	0	0	0	0	51	39.3	1737	59	52	143	0.881	0.364	0.413	9.7	22.76
3747	40.9296	117.6136	-291.7	512	EH1	0	0	0	0	50	39.6	1729	52	114	116	2.192	0.983	0.448	9.8	22.80
3748	40.9296	117.6140	-292.2	530	EH1	0	0	0	0	54	40.0	1809	40	135	132	3.375	1.023	0.303	9.8	22.81
3749	40.9296	117.6144	-292.8	538	EH1	0	0	1	0	59	40.1	1862	60	21	172	0.350	0.122	0.349	9.9	22.83
3750	40.9296	117.6148	-293.0	528	EH1	0	0	0	0	57	40.0	1781	56	40	173	0.714	0.231	0.324	9.8	22.83
3751	40.9296	117.6152	-291.5	515	EH1	0	0	0	0	61	39.7	1767	60	84	126	1.400	0.667	0.476	9.9	22.83
3752	40.9296	117.6156	-293.0	508	EH1	0	0	0	0	50	39.6	1920	47	138	134	2.936	1.030	0.351	9.9	22.84
3753	40.9295	117.6160	-294.0	495	EH1	0	0	0	0	62	39.3	1811	37	88	146	2.378	0.603	0.253	9.9	22.87
3754	40.9295	117.6164	-292.7	496	EH1	0	0	0	0	56	39.3	1840	56	135	86	2.411	1.570	0.651	9.9	22.86
3755	40.9295	117.6168	-293.3	495	EH1	0	0	0	0	52	39.3	1828	66	86	149	1.303	0.577	0.443	10.1	22.89
3756	40.9295	117.6172	-293.3	494	EH1	0	0	0	0	64	39.3	1891	69	104	107	1.507	0.972	0.645	10.1	22.93
3757	40.9295	117.6176	-292.6	494	EH1	0	0	0	0	71	39.3	1923	59	101	137	1.712	0.737	0.431	10.2	22.95
3758	40.9295	117.6180	-292.6	492	EH1	0	0	0	0	50	39.2	1832	62	68	153	1.097	0.444	0.405	10.2	22.93
3759	40.9295	117.6184	-293.0	487	EH1	0	0	0	0	55	39.1	1961	48	99	173	2.063	0.572	0.277	10.2	22.95
3760	40.9295	117.6188	-292.5	479	EH1	0	0	0	0	55	39.0	1889	48	124	142	2.583	0.873	0.338	10.3	22.94
3761	40.9295	117.6192	-292.5	471	EH1	0	0	0	0	41	38.8	1926	73	63	147	0.863	0.429	0.497	10.3	22.95
3762	40.9295	117.6196	-293.7	464	EH1	0	0	0	0	54	38.7	1906	63	80	179	1.270	0.447	0.352	10.3	22.98
3763	40.9295	117.6200	-293.1	460	EH1	0	0	0	0	65	43.8	1868	52	61	157	1.173	0.389	0.331	10.3	22.96
3764	40.9295	117.6204	-291.8	463	EH1	0	0	0	0	53	43.9	1862	59	69	174	1.169	0.397	0.339	10.4	22.97
3765	40.9295	117.6208	-292.2	462	EH1	0	0	0	0	60	43.9	1892	48	106	168	2.208	0.631	0.286	10.4	22.99
3766	40.9294	117.6212	-291.0	468	EH1	0	0	0	0	53	44.0	1858	55	120	102	2.182	1.176	0.539	10.5	22.99
3767	40.9294	117.6216	-288.9	474	EH1	0	0	0	0	60	44.2	1933	45	75	195	1.630	0.385	0.236	10.5	22.98
3768	40.9294	117.6220	-291.7	484	EH1	0	0	1	0	50	44.4	1905	66	20	225	0.303	0.089	0.293	10.5	23.00
3769	40.9294	117.6224	-291.4	488	EH1	0	0	0	0	54	44.5	1994	54	99	180	1.833	0.550	0.300	10.5	23.01
3770	40.9294	117.6228	-291.7	493	EH1	0	0	0	0	59	44.6	1917	56	59	149	1.054	0.396	0.376	10.6	23.02
3771	40.9294	117.6232	-292.8	498	EH1	0	0	0	0	59	44.7	1833	61	91	123	1.492	0.740	0.496	10.7	23.03
3772	40.9294	117.6236	-292.5	525	EH1	0	0	0	0	52	45.3	2137	71	103	178	1.451	0.579	0.399	10.7	23.06
3773	40.9294	117.6240	-291.4	528	EH1	0	0	0	0	45	45.4	2067	50	147	167	2.940	0.880	0.299	10.8	23.05
3774	40.9294	117.6244	-291.0	499	EH1	0	0	0	0	44	44.7	1886	38	117	159	3.079	0.736	0.239	10.8	23.06
3775	40.9294	117.6248	-290.0	491	EH1	0	0	0	0	54	44.5	1866	48	67	209	1.396	0.321	0.230	10.8	23.05
3776	40.9294	117.6252	-290.2	488	EH1	0	0	0	0	63	44.5	1864	55	43	172	0.782	0.250	0.320	10.8	23.05
3777	40.9294	117.6256	-289.6	486	EH1	0	0	0	0	39	44.4	1802	54	105	134	1.944	0.784	0.403	10.8	23.07
3778	40.9294	117.6260	-290.2	492	EH1	0	0	1	0	62	44.6	1918	67	10	181	0.149	0.055	0.370	11.0	23.09
3779	40.9293	117.6264	-292.1	491	EH1	0	0	0	0	53	44.5	2023	48	52	234	1.083	0.222	0.205	11.0	23.09
3780	40.9293	117.6268	-291.1	487	EH1	0	0	0	0	61	44.5	1924	57	153	92	2.684	1.663	0.620	11.0	23.07
3781	40.9293	117.6272	-291.8	450	EH1	0	0	0	0	48	43.6	1896	55	67	171	1.218	0.392	0.322	11.0	23.07

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	T K	TEMP	BP
3782	40.9293	117.6276	-292.1	404	OSR	0	0	0	0	48	46.2	1812	57	99	147	1.737	0.673	0.588	10.9	23.06
3783	40.9293	117.6280	-292.3	370	OSR	0	0	0	0	52	45.3	1882	63	109	156	1.730	0.699	0.404	11.0	23.07
3784	40.9293	117.6284	-292.0	336	OSR	0	0	0	0	61	44.3	1814	70	98	126	1.400	0.778	0.556	11.0	23.08
3785	40.9293	117.6288	-292.0	324	OSR	0	0	0	0	37	44.0	1809	51	107	175	2.098	0.611	0.291	11.0	23.08
3786	40.9293	117.6292	-292.2	344	OSR	0	0	0	0	57	44.6	1828	49	127	152	2.592	0.836	0.322	11.1	23.09
3787	40.9293	117.6296	-292.8	384	OSR	0	0	0	0	74	45.7	2027	70	83	177	1.186	0.469	0.395	11.1	23.08
3788	40.9293	117.6300	-292.0	441	OSR	0	0	0	0	48	47.2	2055	59	67	245	1.136	0.273	0.241	11.1	23.06
3789	40.9293	117.6304	-291.7	489	OSR	0	0	0	0	52	48.4	2217	92	135	124	1.467	1.089	0.742	11.1	23.06
3790	40.9293	117.6308	-291.6	493	OSR	0	0	0	0	43	48.5	2140	82	87	176	1.061	0.494	0.466	11.1	23.05
3791	40.9293	117.6312	-291.8	492	OSR	0	0	0	0	64	48.5	2177	63	72	230	1.143	0.313	0.274	11.2	23.03
3792	40.9292	117.6316	-290.7	489	OSR	0	0	0	0	60	48.4	2191	76	74	251	0.974	0.295	0.303	11.1	23.01
3793	40.9292	117.6320	-289.9	487	OSR	0	0	0	0	66	48.4	2190	82	82	188	1.000	0.436	0.436	11.2	23.02
3794	40.9292	117.6324	-291.8	484	OSR	0	0	0	0	58	48.3	2131	76	62	234	0.816	0.265	0.325	11.3	23.01
3795	40.9292	117.6328	-292.2	484	OSR	0	0	0	0	66	48.3	2124	59	132	149	2.237	0.886	0.396	11.3	23.01
3796	40.9292	117.6332	-291.7	473	OSR	0	0	0	0	49	48.0	2080	76	88	146	1.158	0.603	0.521	11.3	22.99
3797	40.9292	117.6336	-291.7	460	OSR	0	0	0	0	52	47.7	2139	75	59	209	0.787	0.282	0.359	11.3	22.98
3798	40.9292	117.6340	-291.5	446	OSR	0	0	0	0	52	47.3	2011	62	171	126	2.758	1.357	0.492	11.3	22.97
3799	40.9292	117.6344	-292.0	432	OSR	0	0	0	0	48	47.0	1970	56	59	210	1.054	0.281	0.267	11.3	22.97
3800	40.9292	117.6348	-289.9	432	OSR	0	0	1	0	61	47.0	2024	76	-2	212	-0.026	-0.009	0.358	11.3	22.97
3801	40.9292	117.6352	-291.5	414	OSR	0	0	0	0	75	48.3	2023	74	63	183	0.851	0.344	0.404	11.4	22.96
3802	40.9292	117.6356	-289.1	387	OSR	0	0	0	0	51	47.6	1971	68	77	158	1.132	0.487	0.430	11.4	22.98
3803	40.9292	117.6360	-293.1	352	OSR	0	0	0	0	55	46.6	1894	56	55	172	0.982	0.320	0.326	11.3	22.96
3804	40.9292	117.6364	-292.3	320	OSR	0	0	0	0	53	45.6	1879	48	145	173	3.021	0.838	0.277	11.2	22.96
3805	40.9291	117.6368	-290.9	295	OSR	0	0	0	0	62	44.8	1797	74	101	100	1.365	1.010	0.740	11.3	22.93
3806	40.9291	117.6372	-292.7	272	OSR	0	0	1	0	50	44.1	1684	52	26	173	0.500	0.150	0.301	11.3	22.94
3807	40.9291	117.6376	-291.0	258	OSR	0	0	1	0	72	43.6	1578	57	19	138	0.333	0.138	0.413	11.4	22.93
3808	40.9291	117.6380	-291.8	246	OSR	0	0	0	0	53	43.2	1583	35	107	139	3.057	0.770	0.252	11.3	22.94
3809	40.9291	117.6384	-290.9	244	OSR	0	0	0	0	50	43.2	1468	32	115	119	3.594	0.966	0.269	11.3	22.91
3810	40.9291	117.6388	-293.1	244	OSR	0	0	0	0	65	43.2	1494	34	74	123	2.176	0.602	0.276	11.3	22.89
3811	40.9291	117.6392	-291.5	241	OSR	0	0	0	0	48	43.1	1404	44	55	114	1.250	0.482	0.386	11.2	22.87
3812	40.9291	117.6396	-288.9	245	OSR	0	0	0	0	57	43.2	1479	41	69	139	1.683	0.496	0.295	11.2	22.87
3813	40.9291	117.6400	-291.0	246	OSR	0	0	0	0	50	43.2	1417	42	69	116	1.643	0.595	0.362	11.2	22.85
3814	40.9291	117.6404	-290.9	250	OSR	0	0	0	0	63	43.4	1452	35	87	159	2.486	0.547	0.220	11.2	22.84
3815	40.9291	117.6408	-291.7	261	OSR	0	0	0	0	54	43.7	1512	35	65	159	1.857	0.409	0.220	11.2	22.85
3816	40.9291	117.6412	-292.8	275	OSR	0	0	0	0	64	44.2	1528	50	51	137	1.020	0.372	0.365	11.2	22.88
3817	40.9291	117.6416	-292.3	284	OSR	0	0	0	0	54	44.5	1448	30	97	124	3.233	0.782	0.242	11.2	22.85
3818	40.9290	117.6420	-293.9	296	OSR	0	0	1	0	80	44.9	1454	47	9	136	0.191	0.066	0.346	11.1	22.87
3819	40.9290	117.6424	-293.0	301	OSR	0	0	1	0	59	45.0	1514	38	22	159	0.579	0.138	0.239	11.0	22.84
3820	40.9290	117.6428	-294.1	309	OSR	0	0	0	0	53	40.6	1531	45	48	111	1.067	0.432	0.405	11.0	22.83
3821	40.9290	117.6432	-291.7	319	OSR	0	0	0	0	54	40.9	1529	51	67	99	1.314	0.677	0.515	11.0	22.82
3822	40.9290	117.6436	-290.5	326	OSR	0	0	1	0	59	41.0	1553	32	19	191	0.594	0.099	0.168	11.0	22.82
3823	40.9290	117.6440	-290.4	332	OSR	0	0	0	0	47	41.2	1561	37	116	124	3.135	0.935	0.298	11.0	22.83
3824	40.9290	117.6444	-289.0	340	OSR	0	0	0	0	59	41.4	1613	32	79	152	2.469	0.520	0.211	11.0	22.88
3825	40.9290	117.6449	-290.1	349	EH1	0	0	0	0	49	41.7	1668	31	117	126	3.774	0.929	0.246	11.0	22.87
3826	40.9290	117.6453	-290.1	367	EH1	0	0	0	0	54	42.1	1648	34	118	107	3.471	1.103	0.318	11.0	22.85
3827	40.9290	117.6457	-292.9	378	EH1	0	0	0	0	68	42.4	1716	35	62	181	1.771	0.343	0.193	11.0	22.85
3828	40.9290	117.6461	-292.9	364	EH1	0	0	0	0	67	42.0	1640	43	81	156	1.884	0.519	0.276	10.9	22.86
3829	40.9290	117.6465	-293.5	337	EH1	0	0	0	0	63	41.3	1708	46	67	168	1.457	0.399	0.274	10.9	22.86
3830	40.9290	117.6469	-293.8	300	EH1	0	0	0	0	79	40.3	1526	35	40	176	1.143	0.227	0.199	10.9	22.84
3831	40.9289	117.6473	-292.7	269	EH1	0	0	0	0	56	39.4	1489	42	32	150	0.762	0.213	0.280	10.9	22.85
3832	40.9289	117.6477	-294.5	250	EH1	0	0	0	0	72	38.9	1459	35	45	136	1.286	0.331	0.257	10.9	22.85
3833	40.9289	117.6481	-293.8	233	EH1	0	0	0	0	62	38.4	1415	30	53	149	1.767	0.356	0.201	10.9	22.85
3834	40.9289	117.6485	-291.5	222	EH1	0	0	0	0	59	38.0	1496	36	38	159	1.056	0.239	0.226	10.9	22.85
3835	40.9289	117.6489	-293.5	211	TI1	0	0	0	0	50	37.7	1460	35	51	159	1.457	0.321	0.220	10.9	22.84

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3836	40.9289	117.6493	-291.8	197	TI1	0	0	1	0	57	37.3	1419	39	17	166	0.436	0.102	0.235	10.8	22.81
3837	40.9289	117.6497	-291.8	190	TI1	0	0	0	0	53	37.0	1467	28	115	128	4.107	0.898	0.219	10.8	22.80
3838	40.9289	117.6501	-291.8	181	TI1	0	0	0	0	83	36.8	1450	40	48	149	1.200	0.322	0.268	10.8	22.79
3839	40.9289	117.6505	-293.5	175	TI1	0	0	0	0	68	33.4	1395	32	44	149	1.375	0.295	0.215	10.8	22.80
3840	40.9289	117.6509	-292.9	177	TI1	0	0	0	0	56	33.5	1454	26	113	151	4.346	0.748	0.172	10.7	22.79
3841	40.9289	117.6513	-292.9	184	TI1	0	0	0	0	69	33.6	1454	22	51	179	2.318	0.285	0.123	10.8	22.81
3842	40.9289	117.6517	-294.5	193	TI1	0	0	0	0	65	33.9	1504	43	87	131	2.023	0.664	0.328	10.8	22.80
3843	40.9288	117.6521	-292.4	198	TI1	0	0	0	0	64	34.1	1513	36	100	138	2.778	0.725	0.261	10.8	22.79
3844	40.9288	117.6525	-294.0	206	TI1	0	0	1	0	86	34.3	1517	40	22	165	0.550	0.133	0.242	10.7	22.76
3845	40.9288	117.6529	-291.8	214	TI1	0	0	0	0	66	34.5	1569	26	135	126	5.192	1.071	0.206	10.7	22.79
3846	40.9288	117.6533	-293.7	216	TI1	0	0	0	0	56	34.6	1543	41	75	149	1.829	0.503	0.275	10.7	22.77
3847	40.9288	117.6537	-293.8	223	TI1	0	0	0	0	69	34.8	1537	35	99	137	2.829	0.723	0.255	10.7	22.76
3848	40.9288	117.6541	-292.9	229	TI1	0	0	0	0	42	34.9	1646	44	80	158	1.818	0.506	0.278	10.7	22.77
3849	40.9288	117.6545	-293.1	230	TI1	0	0	1	0	67	35.0	1550	45	22	160	0.489	0.137	0.281	10.7	22.76
3850	40.9288	117.6549	-292.9	238	OSR	0	0	0	0	57	35.2	1619	46	64	144	1.391	0.444	0.319	10.7	22.78
3851	40.9288	117.6553	-294.1	240	OSR	0	0	0	0	61	35.2	1539	35	59	157	1.686	0.376	0.223	10.8	22.79
3852	40.9288	117.6557	-292.5	239	OSR	0	0	0	0	58	35.2	1520	33	42	182	1.273	0.231	0.181	10.8	22.79
3853	40.9288	117.6561	-292.4	237	OSR	0	0	0	0	56	35.2	1576	28	113	154	4.036	0.734	0.182	10.8	22.77
3854	40.9288	117.6565	-292.3	235	OSR	0	0	0	0	85	35.1	1595	41	83	153	2.024	0.542	0.268	10.8	22.77
3855	40.9288	117.6569	-291.8	233	OSR	0	0	0	0	61	35.0	1576	50	121	93	2.420	1.301	0.538	10.7	22.78
3856	40.9287	117.6573	-291.2	232	OSR	0	0	0	0	57	35.0	1580	24	124	153	5.167	0.810	0.157	10.9	22.80
3857	40.9287	117.6577	-291.4	228	OSR	0	0	0	0	75	34.9	1507	32	84	138	2.625	0.609	0.232	10.9	22.79
3858	40.9287	117.6581	-291.3	222	OSR	0	0	0	0	63	31.4	1572	48	65	159	1.354	0.409	0.302	10.9	22.80
3859	40.9287	117.6585	-290.8	213	OSR	0	0	0	0	47	31.2	1521	43	66	140	1.535	0.471	0.307	10.8	22.78
3860	40.9287	117.6589	-291.3	204	EH1	0	0	0	0	47	31.0	1533	40	99	122	2.475	0.811	0.328	10.8	22.77
3861	40.9287	117.6593	-291.0	194	EH1	0	0	0	0	67	30.7	1459	36	41	150	1.139	0.273	0.240	10.8	22.75
3862	40.9287	117.6597	-290.7	190	EH1	0	0	0	0	57	30.6	1492	36	61	148	1.694	0.412	0.243	10.7	22.77
3863	40.9287	117.6601	-290.4	186	EH1	0	0	0	0	65	30.5	1420	27	99	124	3.667	0.798	0.218	10.7	22.76
3864	40.9287	117.6605	-290.8	188	EH1	0	0	0	0	52	30.5	1415	34	105	120	3.088	0.875	0.283	10.7	22.75
3865	40.9287	117.6609	-290.2	193	EH1	0	0	0	0	73	30.7	1427	22	85	130	3.864	0.654	0.169	10.8	22.75
3866	40.9287	117.6613	-290.5	198	EH1	0	0	0	0	55	30.8	1501	37	88	153	2.378	0.575	0.242	10.7	22.74
3867	40.9287	117.6617	-289.3	212	EH1	0	0	0	0	66	31.2	1450	28	101	124	3.607	0.815	0.226	10.7	22.73
3868	40.9287	117.6621	-288.6	227	EH1	0	0	0	0	82	31.5	1420	29	94	111	3.241	0.847	0.261	10.7	22.73
3869	40.9286	117.6625	-289.9	242	EH1	0	0	0	0	68	31.9	1414	29	66	124	2.276	0.532	0.234	10.7	22.70
3870	40.9286	117.6629	-289.9	255	EH1	0	0	0	0	63	32.2	1410	27	24	187	0.889	0.128	0.144	10.7	22.68
3871	40.9286	117.6633	-290.0	269	EH1	0	0	0	0	67	32.6	1414	38	96	98	2.526	0.980	0.388	10.7	22.67
3872	40.9286	117.6637	-289.2	285	EH1	0	0	0	0	56	33.0	1404	27	113	104	4.185	1.087	0.260	10.7	22.68
3873	40.9286	117.6641	-289.2	306	EH1	0	0	0	0	58	33.4	1508	38	44	152	1.158	0.289	0.250	10.8	22.67
3874	40.9286	117.6645	-290.0	324	EH1	0	0	0	0	78	33.9	1478	39	59	94	1.513	0.628	0.415	10.8	22.69
3875	40.9286	117.6649	-289.3	337	PIPH1	0	0	0	0	58	34.2	1494	49	58	138	1.184	0.420	0.355	10.8	22.65
3876	40.9286	117.6653	-288.4	344	PIPH1	0	0	0	0	66	34.3	1543	35	89	124	2.543	0.718	0.282	10.7	22.64
3877	40.9286	117.6657	-289.2	355	PIPH1	0	0	0	0	50	39.2	1523	38	60	144	1.579	0.417	0.264	10.6	22.64
3878	40.9286	117.6661	-287.3	366	PIPH1	0	0	0	0	48	39.5	1636	43	123	107	2.860	1.150	0.402	10.6	22.63
3879	40.9286	117.6665	-289.6	379	PIPH1	0	0	0	0	64	39.8	1548	59	68	89	1.153	0.764	0.663	10.6	22.65
3880	40.9286	117.6669	-288.6	395	PIPH1	0	0	1	0	75	40.2	1631	46	15	154	0.326	0.097	0.299	10.6	22.63
3881	40.9286	117.6673	-288.7	410	PIPH1	0	0	0	0	55	40.5	1600	25	112	131	4.480	0.855	0.191	10.7	22.66
3882	40.9285	117.6677	-288.5	422	PIPH1	0	0	0	0	67	40.8	1696	37	48	166	1.297	0.239	0.223	10.7	22.66
3883	40.9285	117.6681	-288.3	432	PIPH1	0	0	0	0	50	41.1	1764	37	183	109	4.946	1.679	0.339	10.6	22.70
3884	40.9285	117.6685	-288.1	443	PIPH1	0	0	1	0	63	41.3	1706	60	-14	189	-0.233	-0.074	0.317	10.6	22.68
3885	40.9285	117.6689	-287.6	455	PIPH1	0	0	1	0	58	41.6	1634	56	-5	144	-0.089	-0.035	0.389	10.6	22.70
3886	40.9285	117.6693	-287.5	467	PIPH1	0	0	0	0	61	41.9	1720	33	169	96	5.121	1.760	0.344	10.5	22.69
3887	40.9285	117.6697	-286.3	477	PIPH1	0	0	0	0	52	42.1	1775	38	70	173	1.842	0.405	0.220	10.5	22.69
3888	40.9285	117.6701	-288.6	488	PIPH1	0	0	1	0	50	42.3	1672	54	25	156	0.463	0.160	0.346	10.5	22.69
3889	40.9285	117.6705	-286.7	490	PIPH1	0	0	0	0	53	42.4	1697	39	110	82	2.821	1.341	0.476	10.5	22.71

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3890	40.9285	117.6709	-286.6	493	QOA1	0	0	0	0	69	42.4	1515	32	27	136	0.844	0.199	0.235	10.5	22.72
3891	40.9285	117.6713	-286.3	496	QOA1	0	0	0	0	69	42.5	1564	28	72	123	2.571	0.585	0.228	10.5	22.75
3892	40.9285	117.6717	-286.4	496	QOA1	0	0	0	0	73	42.5	1502	39	47	73	1.205	0.644	0.534	10.4	22.76
3893	40.9285	117.6721	-286.3	495	QOA1	0	0	0	0	67	42.5	1561	45	62	89	1.378	0.697	0.506	10.4	22.75
3894	40.9285	117.6725	-286.2	495	QOA1	0	0	0	0	76	42.5	1561	39	35	139	0.897	0.252	0.281	10.3	22.79
3895	40.9284	117.6729	-286.2	492	QOA1	0	0	0	0	57	42.4	1550	32	98	81	3.063	1.210	0.395	10.3	22.79
3896	40.9284	117.6733	-286.3	489	QOA1	0	0	0	0	53	42.7	1549	39	102	109	2.615	0.936	0.358	10.2	22.80
3897	40.9284	117.6737	-287.6	475	QOA1	0	0	0	0	51	42.4	1613	38	101	97	2.658	1.041	0.392	10.2	22.82
3898	40.9284	117.6741	-286.6	469	QOA1	0	0	0	0	73	42.3	1549	42	56	112	1.333	0.500	0.375	10.2	22.83
3899	40.9284	117.6745	-286.2	469	QOA1	0	0	0	0	48	42.3	1632	44	134	86	3.045	1.558	0.512	10.2	22.82
3900	40.9284	117.6749	-287.3	475	QOA1	0	0	0	0	54	42.4	1562	29	97	113	3.345	0.858	0.257	10.1	22.85
3901	40.9284	117.6753	-287.7	486	QOA1	0	0	0	0	54	42.7	1710	44	82	137	1.864	0.599	0.321	10.2	22.87
3902	40.9284	117.6757	-287.3	485	QOA1	0	0	1	0	66	42.7	1708	59	4	152	0.068	0.026	0.388	10.2	22.89
3903	40.9284	117.6761	-287.5	488	QOA1	0	0	0	0	72	42.7	1728	36	37	186	1.028	0.199	0.194	10.2	22.90
3904	40.9284	117.6765	-287.3	492	QOA1	0	0	0	0	51	42.8	1734	60	48	133	0.800	0.361	0.451	10.3	22.91
3905	40.9284	117.6769	-286.7	495	QOA1	0	0	0	0	60	42.9	1732	52	137	87	2.635	1.575	0.598	10.3	22.95
3906	40.9284	117.6773	-286.9	495	QOA1	0	0	0	0	63	42.9	1836	55	103	120	1.873	0.858	0.458	10.3	22.97
3907	40.9284	117.6777	-286.5	495	QOA1	0	0	0	0	52	42.9	1705	56	62	130	1.107	0.477	0.431	10.3	22.99
3908	40.9283	117.6781	-286.9	497	QOA1	0	0	0	0	48	42.9	1786	39	115	147	2.949	0.782	0.265	10.3	23.03
3909	40.9283	117.6785	-287.6	493	QOA1	0	0	0	0	45	42.8	1779	47	69	162	1.468	0.426	0.290	10.3	23.02
3910	40.9283	117.6789	-287.3	492	QOA1	0	0	0	0	42	42.8	1843	61	67	154	1.098	0.435	0.396	10.2	23.02
3911	40.9283	117.6793	-286.7	491	QOA1	0	0	0	0	52	42.8	1817	50	125	132	2.500	0.947	0.379	10.3	23.04
3912	40.9283	117.6797	-286.6	489	QOA1	0	0	0	0	51	42.7	1873	55	37	185	0.673	0.200	0.297	10.3	23.05
3913	40.9283	117.6802	-288.4	476	QOA1	0	0	0	0	62	42.4	1827	48	34	209	0.708	0.163	0.230	10.4	23.06
3914	40.9283	117.6806	-287.8	443	QOA1	0	0	0	0	58	41.7	1849	61	33	203	0.541	0.163	0.300	10.4	23.06
3915	40.9283	117.6810	-287.5	406	QOA1	0	0	0	0	38	44.4	1703	35	116	133	3.314	0.872	0.263	10.5	23.09
3916	40.9283	117.6814	-287.8	388	QOA1	0	0	0	0	56	43.9	1707	40	118	127	2.950	0.929	0.315	10.5	23.10
3917	40.9283	117.6818	-288.0	388	QOA1	0	0	0	0	65	43.9	1626	46	84	116	1.826	0.724	0.397	10.5	23.10
3918	40.9283	117.6822	-286.5	403	QOA1	0	0	0	0	61	44.3	1641	36	60	158	1.667	0.380	0.228	10.5	23.09
3919	40.9283	117.6826	-285.9	413	QG	0	0	0	0	69	44.6	1638	44	112	101	2.545	1.109	0.436	10.6	23.08
3920	40.9282	117.6830	-285.3	406	QG	0	0	0	0	48	44.4	1611	49	81	109	1.653	0.743	0.450	10.6	23.08
3921	40.9282	117.6834	-284.9	383	QG	0	0	1	0	59	43.8	1586	58	5	126	0.086	0.040	0.460	10.7	23.08
3922	40.9282	117.6838	-285.2	372	QG	0	0	0	0	54	43.5	1465	45	70	107	1.556	0.654	0.421	10.6	23.09
3923	40.9282	117.6842	-286.2	352	QG	0	0	0	0	68	43.0	1548	33	79	163	2.394	0.485	0.202	10.8	23.10
3924	40.9282	117.6846	-286.8	329	QG	0	0	0	0	46	42.4	1433	40	24	137	0.600	0.175	0.292	10.9	23.11
3925	40.9282	117.6850	-286.2	336	QG	0	0	0	0	50	42.5	1408	38	65	106	1.711	0.613	0.358	11.0	23.13
3926	40.9282	117.6854	-286.0	349	QG	0	0	0	0	53	42.9	1452	28	59	144	2.107	0.410	0.194	10.9	23.11
3927	40.9282	117.6858	-285.6	381	QG	0	0	0	0	59	43.8	1540	30	140	59	4.667	2.373	0.508	10.9	23.09
3928	40.9282	117.6862	-285.2	416	QG	0	0	0	0	58	44.7	1572	54	57	97	1.056	0.588	0.557	11.0	23.08
3929	40.9282	117.6866	-284.4	452	QG	0	0	0	0	63	45.6	1652	55	31	130	0.564	0.238	0.423	11.1	23.09
3930	40.9282	117.6870	-284.0	482	QG	0	0	0	0	50	46.3	1719	40	121	145	3.025	0.834	0.276	11.1	23.11
3931	40.9282	117.6874	-283.8	491	QG	0	0	0	0	50	46.5	1764	48	111	105	2.313	1.057	0.457	11.1	23.14
3932	40.9282	117.6878	-284.8	491	QG	0	0	0	0	45	46.5	1817	51	90	150	1.765	0.600	0.340	11.1	23.14
3933	40.9281	117.6882	-284.7	485	QG	0	0	0	0	55	46.4	1776	51	85	165	1.667	0.515	0.309	11.1	23.15
3934	40.9281	117.6886	-285.7	444	QG	0	0	0	0	51	41.9	1730	41	85	160	2.073	0.531	0.256	11.2	23.16
3935	40.9281	117.6890	-285.3	419	QG	0	0	1	0	62	41.3	1764	64	20	159	0.313	0.126	0.403	11.2	23.18
3936	40.9281	117.6894	-284.5	413	QG	0	0	0	0	53	41.2	1743	37	102	134	2.757	0.761	0.276	11.2	23.19
3937	40.9281	117.6898	-283.5	409	QG	0	0	0	0	65	41.1	1699	38	69	175	1.816	0.394	0.217	11.2	23.19
3938	40.9281	117.6902	-282.4	404	QG	0	0	0	0	41	41.0	1732	42	103	158	2.452	0.652	0.266	11.3	23.21
3939	40.9281	117.6906	-282.7	391	QG	0	0	1	0	56	40.7	1553	44	19	167	0.432	0.114	0.263	11.3	23.21
3940	40.9281	117.6910	-282.9	386	QG	0	0	0	0	60	40.6	1512	36	50	132	1.389	0.379	0.273	11.3	23.23
3941	40.9281	117.6914	-283.8	386	QG	0	0	0	0	39	40.6	1477	31	140	78	4.516	1.795	0.397	11.4	23.26
3942	40.9281	117.6918	-283.1	402	QG	0	0	0	0	60	40.9	1518	42	46	142	1.095	0.324	0.296	11.4	23.26
3943	40.9281	117.6922	-282.8	422	QG	0	0	0	0	50	41.4	1570	41	79	144	1.927	0.549	0.285	11.3	23.25

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3944	40.9281	117.6926	-282.5	444	QG	0	0	0	0	59	41.9	1577	50	51	133	1.020	0.383	0.376	11.4	23.25
3945	40.9281	117.6930	-282.2	469	QG	0	0	1	0	48	42.5	1696	52	23	150	0.442	0.153	0.347	11.3	23.24
3946	40.9280	117.6934	-282.2	487	QG	0	0	0	0	46	42.9	1644	32	70	138	2.188	0.507	0.232	11.4	23.27
3947	40.9280	117.6938	-281.9	489	QG	0	0	0	0	55	42.9	1637	64	59	111	0.922	0.532	0.577	11.4	23.26
3948	40.9280	117.6942	-281.3	492	QG	0	0	0	0	50	43.0	1713	40	55	165	1.375	0.333	0.242	11.4	23.27
3949	40.9280	117.6946	-281.4	493	QG	0	0	0	0	48	43.0	1681	49	82	126	1.673	0.651	0.389	11.5	23.28
3950	40.9280	117.6950	-280.8	493	QG	0	0	0	0	50	43.0	1676	24	158	118	6.583	1.339	0.203	11.5	23.29
3951	40.9280	117.6954	-281.7	495	QG	0	0	0	0	49	43.1	1647	49	54	149	1.102	0.362	0.329	11.4	23.30
3952	40.9280	117.6958	-281.9	498	QG	0	0	0	0	51	43.1	1600	33	107	125	3.242	0.856	0.264	11.5	23.32
3953	40.9280	117.6962	-280.7	499	QG	0	0	0	0	47	41.2	1682	40	112	119	2.800	0.941	0.336	11.4	23.30
3954	40.9280	117.6966	-280.4	498	QG	0	0	0	0	60	41.2	1574	37	41	140	1.108	0.293	0.264	11.5	23.32
3955	40.9280	117.6970	-280.3	498	QG	0	0	0	0	45	41.2	1586	24	176	80	7.333	2.200	0.300	11.4	23.32
3956	40.9280	117.6974	-279.7	500	QG	0	0	1	0	57	41.3	1567	33	18	145	0.545	0.124	0.228	11.5	23.33
3957	40.9280	117.6978	-279.4	499	QG	0	0	0	0	44	41.2	1524	39	76	97	1.949	0.784	0.402	11.5	23.34
3958	40.9280	117.6982	-279.2	505	QG	0	0	0	0	46	41.3	1539	42	54	131	1.286	0.412	0.321	11.6	23.37
3959	40.9279	117.6986	-279.3	516	QG	0	0	0	0	56	41.6	1615	27	139	91	5.148	1.527	0.297	11.6	23.36
3960	40.9279	117.6990	-279.2	520	QG	0	0	0	0	74	41.7	1646	40	85	118	2.125	0.720	0.339	11.6	23.36
3961	40.9279	117.6994	-277.9	538	QG	0	0	0	0	43	42.0	1678	49	59	126	1.204	0.468	0.389	11.7	23.38
3962	40.9279	117.6998	-277.4	533	QG	0	0	0	0	46	41.9	1618	42	79	110	1.881	0.718	0.382	11.7	23.39
3963	40.9279	117.7002	-277.3	531	QG	0	0	0	0	50	41.9	1671	40	67	153	1.675	0.438	0.261	11.8	23.41
3964	40.9279	117.7006	-276.8	497	QG	0	0	0	0	36	41.2	1590	42	127	83	3.024	1.530	0.506	11.7	23.40
3965	40.9279	117.7010	-277.2	493	QG	0	0	0	0	69	41.1	1712	48	50	151	1.042	0.331	0.318	11.8	23.40
3966	40.9279	117.7014	-278.6	491	QG	0	0	1	0	55	41.1	1590	48	19	153	0.396	0.124	0.314	11.8	23.42
3967	40.9279	117.7018	-278.6	487	QG	0	0	0	0	52	41.0	1649	40	88	116	2.200	0.759	0.345	11.8	23.42
3968	40.9279	117.7022	-278.8	480	QG	0	0	0	0	51	40.8	1558	32	89	136	2.781	0.654	0.235	11.8	23.43
3969	40.9279	117.7026	-278.5	472	QG	0	0	0	0	61	40.7	1611	44	67	111	1.523	0.604	0.396	11.9	23.45
3970	40.9279	117.7030	-278.7	464	QG	0	0	0	0	54	40.5	1604	48	93	96	1.938	0.969	0.500	11.9	23.46
3971	40.9279	117.7034	-279.1	463	QG	0	0	0	0	56	40.5	1521	32	100	108	3.125	0.926	0.296	11.9	23.46
3972	40.9278	117.7038	-279.2	467	QG	0	0	0	0	45	38.2	1669	42	82	155	1.952	0.529	0.271	12.0	23.49
3973	40.9278	117.7042	-279.8	481	QG	0	0	0	0	55	38.5	1674	39	60	173	1.538	0.347	0.225	12.0	23.51
3974	40.9278	117.7046	-281.1	489	QG	0	0	0	0	38	38.6	1654	44	50	169	1.136	0.296	0.260	12.2	23.53
3975	40.9278	117.7050	-281.3	491	QG	0	0	0	0	45	38.7	1628	46	32	189	0.696	0.169	0.243	12.3	23.53
3976	40.9278	117.7054	-282.4	491	QG	0	0	0	0	43	38.7	1871	40	144	130	3.600	1.108	0.308	12.2	23.55
3977	40.9278	117.7058	-282.4	482	QG	0	0	0	0	73	38.5	1775	33	78	176	2.364	0.443	0.188	12.2	23.57
3978	40.9278	117.7062	-283.6	447	QG	0	0	0	0	47	37.8	1828	56	43	189	0.768	0.228	0.296	12.3	23.57
3979	40.9278	117.7066	-283.8	412	QG	0	0	0	0	48	37.1	1847	59	63	198	1.068	0.318	0.298	12.3	23.58
3980	40.9278	117.7070	-284.5	375	QG	0	0	0	0	49	36.3	1728	69	52	166	0.754	0.313	0.416	12.4	23.60
3981	40.9278	117.7074	-284.9	347	QG	0	0	0	0	59	35.6	1771	49	81	167	1.653	0.485	0.293	12.3	23.59
3982	40.9278	117.7078	-284.7	332	QG	0	0	0	0	61	35.3	1631	49	79	128	1.612	0.617	0.383	12.3	23.60
3983	40.9278	117.7082	-286.0	343	QG	0	0	0	0	41	35.5	1643	49	149	94	3.041	1.585	0.521	12.3	23.62
3984	40.9278	117.7086	-286.3	388	QG	0	0	0	0	58	36.5	1721	53	118	106	2.226	1.113	0.500	12.4	23.60
3985	40.9277	117.7090	-286.5	439	QG	0	0	0	0	49	37.6	1707	55	69	127	1.255	0.543	0.433	12.3	23.60
3986	40.9277	117.7094	-285.6	478	QG	0	0	0	0	55	38.4	1747	65	68	129	1.046	0.527	0.504	12.3	23.60
3987	40.9277	117.7098	-286.4	488	QG	0	0	0	0	55	38.6	1838	61	70	133	1.148	0.526	0.459	12.3	23.59
3988	40.9277	117.7102	-281.1	489	QG	0	0	0	0	42	38.6	1800	26	213	106	8.192	2.009	0.245	12.3	23.61
3989	40.9277	117.7106	-285.8	482	QG	0	0	0	0	29	38.5	1844	60	90	147	1.500	0.612	0.408	12.4	23.61
3990	40.9277	117.7110	-286.1	437	QG	0	0	0	0	48	37.6	1779	53	101	135	1.906	0.748	0.393	12.4	23.66
3991	40.9277	117.7114	-284.5	401	QG	0	0	0	0	35	36.9	1779	47	61	199	1.298	0.307	0.236	12.4	23.66
3992	40.9277	117.7118	-286.3	390	QG	0	0	0	0	48	36.6	1719	52	119	96	1.919	1.240	0.646	12.6	23.71
3993	40.9277	117.7122	-287.3	383	QG	0	0	0	0	60	36.5	1874	47	67	166	1.426	0.404	0.283	12.5	23.68
3994	40.9277	117.7126	-287.2	381	QG	0	0	0	0	52	36.4	1774	41	113	156	2.756	0.724	0.263	12.5	23.69
3995	40.9277	117.7130	-286.8	383	QG	0	0	0	0	65	36.5	1769	38	103	151	2.711	0.682	0.252	12.5	23.70
3996	40.9277	117.7134	-286.8	382	QG	0	0	0	0	44	36.5	1726	46	124	126	2.696	0.984	0.365	12.5	23.69
3997	40.9277	117.7138	-284.4	386	QG	0	0	0	0	44	36.5	1797	39	122	152	3.128	0.803	0.257	12.5	23.69

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3998	40.9276	117.7142	-283.8	387	QG	0	0	0	0	57	36.6	1772	43	116	116	2.698	1.000	0.371	12.5	23.69
3999	40.9276	117.7146	-284.1	392	QG	0	0	0	0	41	36.7	1766	43	111	132	2.581	0.841	0.326	12.5	23.69
4000	40.9276	117.7151	-285.5	403	QG	0	0	0	0	55	36.9	1671	43	56	165	1.302	0.339	0.261	12.6	23.70
4001	40.9276	117.7155	-285.7	426	QG	0	0	0	0	40	37.4	1797	59	80	116	1.356	0.690	0.509	12.6	23.71
4002	40.9276	117.7159	-286.1	451	QG	0	0	0	0	65	37.9	1768	25	93	178	3.720	0.522	0.140	12.6	23.72
4003	40.9276	117.7163	-286.5	451	QG	0	0	0	0	48	37.9	1917	46	99	196	2.152	0.505	0.235	12.7	23.74
4004	40.9276	117.7167	-286.0	410	QG	0	0	0	0	53	37.0	1821	51	64	171	1.255	0.374	0.298	12.7	23.74
4005	40.9276	117.7171	-286.7	370	QG	0	0	0	0	43	36.2	1879	44	187	131	4.250	1.427	0.336	12.7	23.75
4006	40.9276	117.7175	-286.3	348	QG	0	0	0	0	43	35.7	1846	51	87	192	1.706	0.453	0.266	12.7	23.76
4007	40.9276	117.7179	-285.2	330	QG	0	0	0	0	58	35.3	1711	40	109	145	2.725	0.752	0.276	12.7	23.78
4008	40.9276	117.7183	-283.9	318	QG	0	0	0	0	57	35.0	1819	49	114	156	2.327	0.731	0.314	12.7	23.79
4009	40.9276	117.7187	-282.3	315	QG	0	0	0	0	50	34.9	1712	37	153	136	4.135	1.125	0.272	12.7	23.79
4010	40.9275	117.7191	-284.3	315	QG	0	0	0	0	51	33.5	1744	37	99	173	2.676	0.572	0.214	12.7	23.79
4011	40.9275	117.7195	-285.4	319	QG	0	0	0	0	57	33.6	1686	46	126	141	2.739	0.894	0.326	12.7	23.79
4012	40.9275	117.7199	-288.0	325	QG	0	0	0	0	59	33.8	1742	48	100	150	2.083	0.667	0.320	12.8	23.78
4013	40.9275	117.7203	-291.3	332	QG	0	0	0	0	54	33.9	1808	29	115	191	3.966	0.602	0.152	12.8	23.81
4014	40.9275	117.7207	-292.1	344	QG	0	0	1	0	43	34.2	1800	77	5	160	0.065	0.031	0.481	12.8	23.80
4015	40.9275	117.7211	-292.9	361	QG	0	0	0	0	59	34.6	1856	57	75	191	1.316	0.393	0.298	12.7	23.79
4016	40.9275	117.7215	-292.9	376	QG	0	0	0	0	47	34.9	1910	63	64	204	1.016	0.314	0.309	12.7	23.83
4017	40.9275	117.7219	-293.1	374	QG	0	0	0	0	38	34.9	1872	49	120	180	2.449	0.667	0.272	12.7	23.79
4018	40.9275	117.7223	-294.1	369	QG	0	0	0	0	39	34.7	1825	57	111	170	1.947	0.653	0.335	12.7	23.79
4019	40.9275	117.7227	-293.9	373	QG	0	0	0	0	56	34.8	1815	53	127	149	2.396	0.852	0.356	12.8	23.81
4020	40.9275	117.7231	-294.5	380	QG	0	0	0	0	51	35.0	1768	45	120	145	2.667	0.828	0.310	12.8	23.81
4021	40.9275	117.7235	-295.3	394	QG	0	0	0	0	47	35.3	1830	68	73	128	1.074	0.570	0.531	12.8	23.82
4022	40.9275	117.7239	-296.9	400	QG	0	0	0	0	41	35.4	1829	65	61	167	0.938	0.365	0.389	12.8	23.84
4023	40.9274	117.7243	-297.3	404	QG	0	0	0	0	60	35.5	1787	54	72	156	1.333	0.462	0.346	12.8	23.83
4024	40.9274	117.7247	-297.5	405	QG	0	0	0	0	60	35.5	1824	50	43	178	0.860	0.242	0.281	12.8	23.85
4025	40.9274	117.7251	-299.4	405	QG	0	0	0	0	42	35.5	1776	47	97	169	2.064	0.574	0.278	12.7	23.84
4026	40.9274	117.7255	-299.5	404	QG	0	0	0	0	49	35.5	1769	44	147	116	3.341	1.267	0.379	12.8	23.84
4027	40.9274	117.7259	-301.0	399	QG	0	0	0	0	53	35.4	1811	53	91	176	1.717	0.517	0.301	12.8	23.84
4028	40.9274	117.7263	-301.6	400	QG	0	0	0	0	34	35.4	1792	63	81	154	1.286	0.526	0.409	12.7	23.84
4029	40.9274	117.7267	-301.6	390	QG	0	0	0	0	51	34.1	1781	51	74	156	1.451	0.474	0.327	12.7	23.82
4030	40.9274	117.7271	-303.3	387	QG	0	0	0	0	41	34.0	1861	40	139	151	3.475	0.921	0.265	12.8	23.87
4031	40.9274	117.7275	-303.5	381	QG	0	0	0	0	55	33.9	1879	42	85	208	2.024	0.409	0.202	12.7	23.87
4032	40.9274	117.7279	-303.9	381	QG	0	0	0	0	48	33.9	1819	70	72	144	1.029	0.500	0.486	12.6	23.86
4033	40.9274	117.7283	-303.6	376	QG	0	0	0	0	54	33.8	1833	49	122	157	2.490	0.777	0.312	12.7	23.86
4034	40.9274	117.7287	-303.1	363	QG	0	0	0	0	48	33.5	1919	54	125	184	2.315	0.679	0.293	12.7	23.85
4035	40.9274	117.7291	-303.0	344	QG	0	0	0	0	62	33.1	1825	51	111	151	2.176	0.735	0.338	12.7	23.87
4036	40.9273	117.7295	-301.0	330	QG	0	0	0	0	38	32.8	1788	65	117	151	1.800	0.775	0.430	12.7	23.87
4037	40.9273	117.7299	-300.7	322	QG	0	0	0	0	44	32.6	1770	61	89	153	1.459	0.582	0.399	12.7	23.88
4038	40.9273	117.7303	-300.8	324	QG	0	0	0	0	41	32.7	1719	49	100	143	2.041	0.699	0.343	12.7	23.87
4039	40.9273	117.7307	-300.6	344	QOA1	0	0	0	0	43	33.1	1721	56	89	150	1.589	0.593	0.373	12.7	23.88
4040	40.9273	117.7311	-300.9	385	QOA1	0	0	0	0	33	34.0	1913	59	182	117	3.085	1.556	0.504	12.7	23.86
4041	40.9273	117.7315	-299.9	433	QOA1	0	0	0	0	47	34.9	1904	64	91	167	1.422	0.545	0.383	12.8	23.86
4042	40.9273	117.7319	-299.0	471	QOA1	0	0	0	0	60	35.6	1920	45	90	152	2.000	0.592	0.296	12.8	23.87
4043	40.9273	117.7323	-296.8	488	QOA1	0	0	0	0	51	36.0	1960	66	81	161	1.227	0.503	0.410	12.8	23.87
4044	40.9273	117.7327	-293.2	485	QOA1	0	0	0	0	47	35.9	1904	65	36	214	0.554	0.168	0.304	12.7	23.89
4045	40.9273	117.7331	-293.9	481	QOA1	0	0	0	0	52	35.8	1957	69	51	205	0.739	0.249	0.337	12.7	23.90
4046	40.9273	117.7335	-292.6	477	QOA1	0	0	0	0	38	35.8	2046	65	84	204	1.292	0.412	0.319	12.7	23.93
4047	40.9273	117.7339	-293.3	466	QOA1	0	0	0	0	44	35.5	1978	76	96	146	1.263	0.658	0.521	12.8	23.97
4048	40.9273	117.7343	-292.4	452	QOA1	0	0	0	0	51	32.1	1914	68	87	179	1.279	0.486	0.380	12.8	23.97
4049	40.9272	117.7347	-290.1	438	QOA1	0	0	0	0	51	31.9	1927	48	99	189	2.063	0.524	0.254	12.8	23.99
4050	40.9272	117.7351	-287.9	428	QOA1	0	0	0	0	55	31.7	1915	78	54	203	0.692	0.266	0.384	12.8	24.00
4051	40.9272	117.7355	-285.3	422	QOA1	0	0	0	0	47	31.6	2058	65	101	193	1.554	0.523	0.337	12.8	24.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4052	40.9272	117.7359	-284.0	419	QOA1	0	0	0	0	45	31.5	1950	68	89	201	1.309	0.443	0.338	12.8	24.01
4053	40.9272	117.7363	-282.7	414	QOA1	0	0	0	0	39	31.4	1987	84	68	185	0.810	0.368	0.454	12.9	24.03
4054	40.9272	117.7367	-283.2	409	QOA1	0	0	0	0	54	31.3	1957	57	165	182	2.895	0.907	0.313	13.0	24.02
4055	40.9272	117.7371	-282.8	404	QOA1	0	0	0	0	51	31.3	2035	62	113	202	1.823	0.559	0.307	13.0	24.06
4056	40.9272	117.7375	-282.3	401	QOA1	0	0	0	0	36	31.2	2003	60	144	188	2.400	0.766	0.319	13.0	24.09
4057	40.9272	117.7379	-282.4	400	QOA1	0	0	0	0	38	31.2	1956	51	107	237	2.098	0.451	0.215	13.1	24.08
4058	40.9272	117.7383	-282.8	403	QOA1	0	0	0	0	46	31.2	1949	55	131	176	2.382	0.744	0.313	13.1	24.08
4059	40.9272	117.7387	-284.5	403	QOA1	0	0	0	0	27	31.2	1910	58	129	162	2.224	0.796	0.358	13.1	24.10
4060	40.9272	117.7391	-285.0	392	QOA1	0	0	0	0	44	31.0	1906	63	128	158	2.032	0.810	0.399	13.2	24.10
4061	40.9272	117.7395	-285.2	382	QOA1	0	0	0	0	33	30.8	1886	57	93	165	1.632	0.564	0.345	13.1	24.09
4062	40.9271	117.7399	-286.2	376	QOA1	0	0	0	0	36	30.7	1915	38	172	178	4.526	0.966	0.213	13.1	24.09
4063	40.9271	117.7403	-287.4	371	QOA1	0	0	0	0	44	30.6	1850	48	92	198	1.917	0.465	0.242	13.1	24.10
4064	40.9271	117.7407	-291.3	372	QOA1	0	0	0	0	35	30.6	1935	67	118	173	1.761	0.682	0.387	13.2	24.14
4065	40.9271	117.7411	-290.4	372	QOA1	0	0	0	0	43	30.7	1943	50	121	213	2.420	0.568	0.235	13.1	24.12
4066	40.9271	117.7415	-288.0	380	QOA1	0	0	1	0	54	30.8	1883	70	-25	267	-0.357	-0.094	0.262	13.1	24.13
4067	40.9271	117.7419	-287.6	390	QOA1	0	0	0	0	44	31.9	1962	64	39	178	1.391	0.500	0.360	13.2	24.11
4068	40.9271	117.7423	-284.9	399	QOA1	0	0	0	0	63	32.0	1929	56	66	224	1.179	0.295	0.250	13.2	24.13
4069	40.9271	117.7427	-284.8	401	QOA1	0	0	0	0	50	32.1	1998	59	111	181	1.881	0.613	0.326	13.3	24.13
4070	40.9271	117.7431	-286.4	411	QOA1	0	0	0	0	45	32.3	1922	47	178	161	3.787	1.106	0.292	13.3	24.13
4071	40.9271	117.7435	-287.7	420	QOA1	0	0	0	0	35	32.4	1903	45	110	199	2.444	0.553	0.226	13.3	24.13
4072	40.9271	117.7439	-288.1	426	QOA1	0	0	0	0	41	32.6	1931	61	59	214	0.967	0.276	0.285	13.3	24.11
4073	40.9271	117.7443	-287.3	423	QOA1	0	0	0	0	41	32.5	1889	53	125	195	2.358	0.641	0.272	13.3	24.10
4074	40.9271	117.7447	-286.4	425	QOA1	0	0	0	0	28	32.5	1953	63	133	145	2.111	0.917	0.434	13.2	24.11
4075	40.9270	117.7451	-285.3	424	QOA1	0	0	0	0	35	32.5	1886	60	81	196	1.350	0.413	0.306	13.3	24.11
4076	40.9270	117.7455	-285.0	421	QYA	0	0	0	0	44	32.4	1906	60	105	189	1.750	0.556	0.317	13.3	24.13
4077	40.9270	117.7459	-286.7	416	QYA	0	0	0	0	53	32.4	1831	51	67	181	1.314	0.370	0.282	13.2	24.13
4078	40.9270	117.7463	-288.9	408	QYA	0	0	0	0	55	32.2	1848	40	35	226	0.875	0.155	0.177	13.2	24.12
4079	40.9270	117.7467	-291.1	404	QYA	0	0	0	0	41	32.1	1948	41	161	180	3.927	0.894	0.228	13.2	24.13
4080	40.9270	117.7471	-291.6	399	QYA	0	0	0	0	31	32.0	1893	59	31	215	0.525	0.144	0.274	13.2	24.15
4081	40.9270	117.7475	-293.0	396	QYA	0	0	0	0	51	32.0	1898	58	65	228	1.121	0.285	0.254	13.3	24.19
4082	40.9270	117.7479	-295.7	392	QYA	0	0	0	0	46	31.9	1806	62	66	189	1.065	0.349	0.328	13.2	24.20
4083	40.9270	117.7483	-296.3	394	QYA	0	0	0	0	44	31.9	1857	48	133	153	2.771	0.869	0.314	13.3	24.21
4084	40.9270	117.7487	-298.2	397	QYA	0	0	0	0	34	32.0	1954	65	69	199	1.062	0.347	0.327	13.3	24.20
4085	40.9270	117.7491	-298.6	400	QYA	0	0	0	0	44	32.1	1815	31	168	155	5.419	1.084	0.200	13.3	24.20
4086	40.9270	117.7495	-301.7	404	QYA	0	0	0	0	45	31.0	1855	62	101	143	1.629	0.706	0.434	13.2	24.19
4087	40.9269	117.7500	-301.9	409	QYA	0	0	0	0	44	31.1	1981	60	87	193	1.450	0.451	0.311	13.3	24.21
4088	40.9269	117.7504	-304.2	411	QYA	0	0	0	0	38	31.2	1931	63	168	128	2.667	1.313	0.492	13.2	24.19
4089	40.9269	117.7508	-308.1	411	QYA	0	0	0	0	41	31.2	1929	50	125	196	2.500	0.638	0.255	13.3	24.20
4090	40.9269	117.7512	-311.0	412	QYA	0	0	0	0	44	31.2	1923	53	68	220	1.283	0.309	0.241	13.3	24.21
4091	40.9269	117.7516	-310.5	411	QYA	0	0	0	0	52	31.2	1946	54	105	181	1.944	0.580	0.298	13.3	24.21
4092	40.9269	117.7520	-310.3	418	QYA	0	0	0	0	42	31.3	1890	56	114	182	2.036	0.626	0.308	13.3	24.21
4093	40.9269	117.7524	-309.7	425	QYA	0	0	0	0	30	31.4	1977	60	106	205	1.767	0.517	0.293	13.4	24.24
4094	40.9269	117.7528	-308.6	427	QYA	0	0	0	0	38	31.5	1978	64	95	220	1.484	0.432	0.291	13.4	24.24
4095	40.9269	117.7532	-307.9	430	QYA	0	0	0	0	58	31.5	1896	41	124	165	3.024	0.752	0.248	13.4	24.23
4096	40.9269	117.7536	-305.8	433	QYA	0	0	0	0	34	31.6	1932	49	117	203	2.388	0.576	0.241	13.5	24.23
4097	40.9269	117.7540	-305.7	434	QYA	0	0	0	0	46	31.6	1949	49	94	185	1.918	0.508	0.265	13.5	24.25
4098	40.9269	117.7544	-304.9	432	QYA	0	0	0	0	48	31.6	1924	54	76	199	1.407	0.332	0.271	13.5	24.25
4099	40.9269	117.7548	-305.8	426	QYA	0	0	0	0	62	31.5	1823	48	88	182	1.833	0.484	0.264	13.4	24.24
4100	40.9268	117.7552	-306.8	425	QYA	0	0	0	0	32	31.4	1987	50	110	225	2.200	0.489	0.222	13.3	24.24
4101	40.9268	117.7556	-307.2	423	QYA	0	0	0	0	50	31.4	1930	66	38	215	0.576	0.177	0.307	13.3	24.24
4102	40.9268	117.7560	-307.9	418	QYA	0	0	0	0	53	31.3	2034	68	93	193	1.368	0.482	0.352	13.3	24.26
4103	40.9268	117.7564	-308.1	416	QYA	0	0	0	0	36	31.3	1889	45	73	216	1.622	0.338	0.208	13.2	24.24
4104	40.9268	117.7568	-308.5	415	QYA	0	0	0	0	41	31.2	1933	70	73	165	1.043	0.442	0.424	13.3	24.26
4105	40.9268	117.7572	-308.7	412	QYA	0	0	0	0	39	33.0	1917	58	57	202	0.983	0.282	0.287	13.3	24.27

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4106	40.9268	117.7576	-308.5	417	QYA	0	0	0	0	47	33.1	1994	63	92	206	1.460	0.447	0.306	13.3	24.28
4107	40.9268	117.7580	-308.4	422	QYA	0	0	0	0	35	33.2	1955	54	130	181	2.407	0.718	0.298	13.3	24.29
4108	40.9268	117.7584	-308.5	423	QYA	0	0	0	0	43	33.2	1897	62	42	196	0.677	0.214	0.316	13.4	24.29
4109	40.9268	117.7588	-308.7	427	QYA	0	0	0	0	52	33.3	1903	51	96	192	1.882	0.500	0.266	13.4	24.29
4110	40.9268	117.7592	-307.1	426	QYA	0	0	0	0	41	33.2	1902	41	71	237	1.732	0.300	0.173	13.5	24.32
4111	40.9268	117.7596	-306.8	419	QYA	0	0	0	0	47	33.1	1942	38	102	220	2.684	0.464	0.173	13.4	24.29
4112	40.9268	117.7600	-306.3	408	QYA	0	0	0	0	30	32.9	1910	63	116	177	1.841	0.655	0.356	13.4	24.30
4113	40.9267	117.7604	-305.8	398	QYA	0	0	0	0	42	32.7	1928	55	101	172	1.836	0.587	0.320	13.4	24.30
4114	40.9267	117.7608	-305.7	393	QYA	0	0	0	0	57	32.6	1867	68	53	175	0.779	0.303	0.389	13.4	24.31
4115	40.9267	117.7612	-304.2	389	QYA	0	0	0	0	38	32.5	1887	60	45	211	0.750	0.213	0.284	13.4	24.31
4116	40.9267	117.7616	-304.3	389	QYA	0	0	0	0	41	32.5	1900	45	91	205	2.022	0.444	0.220	13.4	24.31
4117	40.9267	117.7620	-297.8	386	QYA	0	0	0	0	34	32.5	1924	42	213	152	5.071	1.401	0.276	13.4	24.31
4118	40.9267	117.7624	-293.2	381	QYA	0	0	0	0	44	32.4	1935	62	88	204	1.419	0.431	0.304	13.5	24.33
4119	40.9267	117.7628	-295.1	384	QYA	0	0	0	0	36	32.4	1910	55	91	199	1.655	0.457	0.276	13.5	24.34
4120	40.9267	117.7632	-300.0	379	QYA	0	0	0	0	45	32.3	2042	61	136	173	2.230	0.786	0.353	13.5	24.35
4121	40.9267	117.7636	-302.2	383	QYA	0	0	0	0	37	32.4	1934	65	150	156	2.308	0.962	0.417	13.5	24.35
4122	40.9267	117.7640	-303.1	376	QYA	0	0	0	0	53	32.3	1889	35	171	151	4.886	1.132	0.232	13.5	24.34
4123	40.9267	117.7645	-303.3	377	QYA	0	0	0	0	50	32.3	1820	52	47	219	0.904	0.215	0.237	13.5	24.32
4124	40.9268	117.7650	-301.5	375	QYA	0	0	0	0	41	30.7	1889	58	76	175	1.310	0.434	0.331	13.5	24.32
4125	40.9268	117.7655	-301.1	375	QYA	0	0	0	0	33	30.7	1874	45	143	206	3.178	0.694	0.218	13.5	24.34
4126	40.9268	117.7660	-301.0	377	QYA	0	0	0	0	45	30.7	1872	57	85	185	1.491	0.459	0.308	13.5	24.32
4127	40.9269	117.7665	-301.2	375	QYA	0	0	0	0	39	30.7	1900	67	104	152	1.552	0.684	0.441	13.5	24.33
4128	40.9269	117.7670	-300.1	372	QYA	0	0	0	0	35	30.6	1779	48	117	168	2.438	0.696	0.286	13.5	24.32
4129	40.9270	117.7675	-299.8	373	QYA	0	0	0	0	41	30.6	1885	50	98	209	1.960	0.469	0.239	13.5	24.32
4130	40.9270	117.7680	-298.2	372	QYA	0	0	0	0	42	30.6	1918	51	92	223	1.804	0.413	0.229	13.5	24.32
4131	40.9271	117.7685	-298.2	366	QYA	0	0	0	0	42	30.5	1892	67	119	173	1.776	0.688	0.387	13.6	24.35
4132	40.9271	117.7691	-297.8	370	QYA	0	0	0	0	37	30.6	1870	72	53	204	0.736	0.260	0.353	13.6	24.35
4133	40.9272	117.7696	-297.7	368	QYA	0	0	0	0	43	30.5	1867	52	96	193	1.846	0.497	0.269	13.5	24.35
4134	40.9272	117.7701	-297.7	367	QYA	0	0	0	0	46	30.5	1820	44	130	175	2.955	0.743	0.251	13.5	24.33
4135	40.9272	117.7706	-297.9	363	QYA	0	0	0	0	45	30.4	1765	52	55	179	1.058	0.307	0.291	13.4	24.33
4136	40.9273	117.7711	-297.8	362	QYA	0	0	0	0	45	30.4	1802	47	139	175	2.957	0.794	0.269	13.4	24.31
4137	40.9273	117.7716	-298.9	362	QYA	0	0	0	0	43	30.4	1804	53	96	177	1.811	0.542	0.299	13.4	24.33
4138	40.9274	117.7721	-300.4	358	QYA	0	0	0	0	48	30.3	1735	43	72	206	1.674	0.350	0.209	13.4	24.33
4139	40.9274	117.7726	-301.1	351	QYA	0	0	0	0	36	30.2	1528	45	75	149	1.667	0.503	0.302	13.4	24.34
4140	40.9275	117.7731	-305.1	343	QYA	0	0	0	0	40	30.1	1539	45	91	123	2.022	0.740	0.366	13.4	24.34
4141	40.9275	117.7736	-306.5	340	QYA	0	0	0	0	31	30.0	1499	39	81	145	2.077	0.559	0.269	13.4	24.32
4142	40.9275	117.7741	-292.5	334	QYA	0	0	0	0	47	29.9	1716	53	76	152	1.434	0.500	0.349	13.4	24.37
4143	40.9276	117.7746	-273.4	336	QYA	0	0	0	0	45	29.4	1726	56	81	173	1.446	0.468	0.324	13.4	24.37
4144	40.9276	117.7751	-288.0	343	QYA	0	0	0	0	29	29.5	1812	58	145	143	2.500	1.014	0.406	13.5	24.38
4145	40.9277	117.7756	-298.1	346	QYA	0	0	0	0	45	29.5	1763	75	62	164	0.816	0.378	0.463	13.4	24.34
4146	40.9277	117.7761	-300.2	350	QYA	0	0	0	0	42	29.6	1924	54	137	174	2.537	0.787	0.310	13.5	24.33
4147	40.9278	117.7766	-298.8	360	QYA	0	0	0	0	32	29.8	1832	67	32	225	0.478	0.142	0.298	13.5	24.33
4148	40.9278	117.7771	-298.7	361	QYA	0	0	0	0	37	29.8	1862	61	111	173	1.820	0.642	0.353	13.5	24.35
4149	40.9279	117.7777	-298.1	361	QYA	0	0	0	0	41	29.8	1937	66	76	170	1.152	0.447	0.388	13.5	24.32
4150	40.9279	117.7782	-297.8	366	QYA	0	0	0	0	44	29.9	1940	70	121	176	1.729	0.688	0.398	13.5	24.33
4151	40.9279	117.7787	-297.9	373	QYA	0	0	0	0	32	30.1	1906	67	108	172	1.612	0.628	0.390	13.6	24.33
4152	40.9280	117.7792	-298.3	373	QYA	0	0	0	0	45	30.1	1978	67	125	170	1.866	0.735	0.394	13.6	24.33
4153	40.9280	117.7797	-299.4	380	QYA	0	0	0	0	39	30.2	1904	68	69	180	1.015	0.383	0.378	13.5	24.33
4154	40.9281	117.7802	-300.5	380	QYA	0	0	0	0	49	30.2	1934	61	111	166	1.820	0.669	0.367	13.5	24.32
4155	40.9281	117.7807	-300.2	378	QYA	0	0	0	0	32	30.2	1942	69	50	216	0.725	0.231	0.319	13.5	24.33
4156	40.9282	117.7812	-299.9	379	QYA	0	0	0	0	43	30.2	1927	44	110	205	2.500	0.537	0.215	13.5	24.31
4157	40.9282	117.7817	-299.8	378	QYA	0	0	0	0	41	30.2	1925	53	122	206	2.302	0.592	0.257	13.5	24.33
4158	40.9282	117.7822	-299.7	379	QYA	0	0	0	0	40	30.2	1945	62	69	225	1.113	0.307	0.276	13.5	24.31
4159	40.9283	117.7827	-299.3	383	QYA	0	0	0	0	52	30.2	1904	55	90	180	1.636	0.500	0.306	13.5	24.33

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4160	40.9283	117.7832	-299.9	387	QYA	0	0	0	0	29	30.3	1979	56	108	218	1.929	0.495	0.257	13.6	24.33
4161	40.9284	117.7837	-299.8	392	QYA	0	0	0	0	39	30.4	1991	61	70	240	1.148	0.292	0.254	13.6	24.34
4162	40.9284	117.7842	-300.2	394	QYA	0	0	0	0	41	30.3	1825	54	39	205	0.722	0.190	0.263	13.6	24.32
4163	40.9285	117.7847	-299.1	402	QYA	0	0	0	0	33	30.5	1921	50	63	215	1.260	0.293	0.233	13.7	24.32
4164	40.9285	117.7852	-300.2	407	QYA	0	0	0	0	40	30.5	1948	75	45	211	0.600	0.213	0.355	13.6	24.32
4165	40.9286	117.7858	-301.5	413	QYA	0	0	0	0	39	30.6	1900	50	140	162	2.800	0.864	0.309	13.7	24.34
4166	40.9286	117.7863	-301.2	413	QYA	0	0	0	0	45	30.6	1877	53	112	178	2.113	0.629	0.298	13.7	24.32
4167	40.9286	117.7868	-302.1	413	QYA	0	0	0	0	51	30.6	1911	63	48	202	0.762	0.238	0.312	13.7	24.31
4168	40.9287	117.7873	-300.5	411	QYA	0	0	0	0	47	30.6	1906	47	142	178	3.021	0.798	0.264	13.7	24.31
4169	40.9287	117.7878	-294.9	416	QYA	0	0	0	0	47	30.7	1932	51	107	196	2.098	0.546	0.260	13.8	24.33
4170	40.9288	117.7883	-298.4	413	QYA	0	0	0	0	41	30.6	2014	76	79	190	1.039	0.416	0.400	13.9	24.33
4171	40.9288	117.7888	-297.9	404	QYA	0	0	0	0	35	30.5	2002	72	77	185	1.069	0.416	0.389	13.9	24.36
4172	40.9289	117.7893	-300.0	405	QYA	0	0	0	0	49	30.5	1892	66	59	186	0.894	0.317	0.355	13.9	24.35
4173	40.9289	117.7898	-301.0	399	QYA	0	0	0	0	34	30.4	1990	54	121	186	2.241	0.651	0.290	13.9	24.35
4174	40.9290	117.7903	-301.4	397	QYA	0	0	0	0	32	30.4	1914	50	111	222	2.220	0.500	0.225	13.8	24.31
4175	40.9290	117.7908	-301.3	390	QYA	0	0	0	0	34	30.2	1972	42	136	195	3.238	0.697	0.215	13.7	24.31
4176	40.9290	117.7913	-300.9	380	QYA	0	0	0	0	34	30.1	1942	70	67	186	0.957	0.360	0.376	13.8	24.33
4177	40.9291	117.7918	-300.0	377	QYA	0	0	0	0	38	30.0	1982	75	106	165	1.413	0.642	0.455	13.8	24.34
4178	40.9291	117.7923	-299.4	379	QYA	0	0	0	0	44	30.0	1961	54	89	241	1.648	0.369	0.224	13.8	24.37
4179	40.9292	117.7928	-299.1	378	QYA	0	0	0	0	37	30.0	1904	57	88	200	1.544	0.440	0.285	13.8	24.35
4180	40.9292	117.7933	-301.2	381	QYA	0	0	0	0	46	30.1	2019	72	106	176	1.472	0.602	0.409	13.8	24.34
4181	40.9293	117.7939	-301.2	377	QYA	0	0	0	0	32	30.9	2001	68	168	155	2.471	1.084	0.439	13.8	24.35
4182	40.9293	117.7944	-302.9	374	QYA	0	0	0	0	47	30.8	1941	55	129	153	2.345	0.843	0.359	13.8	24.36
4183	40.9293	117.7949	-302.3	373	QYA	0	0	1	0	37	30.8	1931	78	14	212	0.179	0.066	0.368	13.7	24.33
4184	40.9294	117.7954	-302.2	371	QYA	0	0	0	0	46	30.7	1898	61	108	207	1.770	0.522	0.295	13.7	24.33
4185	40.9294	117.7959	-302.1	372	QYA	0	0	0	0	49	30.8	1978	71	123	159	1.732	0.774	0.447	13.7	24.33
4186	40.9295	117.7964	-301.5	371	QYA	0	0	0	0	40	30.7	1899	59	92	188	1.559	0.489	0.314	13.7	24.33
4187	40.9295	117.7969	-302.7	371	QYA	0	0	0	0	44	30.7	1869	74	53	216	0.716	0.245	0.343	13.7	24.33
4188	40.9296	117.7974	-303.1	374	QYA	0	0	0	0	44	30.8	1961	55	126	180	2.291	0.700	0.306	13.7	24.34
4189	40.9296	117.7979	-303.5	379	QYA	0	0	0	0	40	30.9	1944	61	64	219	1.049	0.292	0.279	13.7	24.34
4190	40.9297	117.7984	-303.6	381	QYA	0	0	0	0	37	30.9	1965	51	138	188	2.706	0.734	0.271	13.7	24.32
4191	40.9297	117.7989	-303.5	383	QYA	0	0	0	0	55	31.0	1935	45	115	225	2.556	0.511	0.200	13.7	24.33
4192	40.9297	117.7994	-304.2	381	QYA	0	0	0	0	44	30.9	1968	63	99	175	1.571	0.566	0.360	13.7	24.31
4193	40.9298	117.7999	-303.9	376	QYA	0	0	0	0	45	30.8	1905	65	58	208	0.892	0.279	0.313	13.7	24.31
4194	40.9298	117.8004	-304.1	375	QYA	0	0	0	0	36	30.8	1943	60	75	217	1.250	0.346	0.276	13.7	24.35
4195	40.9299	117.8009	-303.7	381	QYA	0	0	0	0	41	30.9	1836	64	48	189	0.750	0.254	0.339	13.8	24.33
4196	40.9299	117.8014	-303.8	381	QYA	0	0	0	0	37	30.9	1829	62	79	192	1.274	0.411	0.323	13.8	24.34
4197	40.9300	117.8020	-304.0	382	QYA	0	0	0	0	44	30.9	1899	60	118	157	1.967	0.752	0.382	13.8	24.35
4198	40.9300	117.8025	-304.4	380	QYA	0	0	0	0	44	30.9	1861	47	78	202	1.660	0.386	0.233	13.8	24.35
4199	40.9300	117.8030	-306.9	376	QYA	0	0	0	0	43	30.8	1912	60	70	220	1.167	0.318	0.273	13.9	24.35
4200	40.9301	117.8035	-308.4	368	QYA	0	0	0	0	39	32.5	1810	50	112	161	2.240	0.696	0.311	13.8	24.35
4201	40.9301	117.8040	-308.8	363	QYA	0	0	0	0	41	32.4	1871	74	29	210	0.392	0.138	0.352	13.7	24.33
4202	40.9302	117.8045	-310.2	361	QYA	0	0	0	0	41	32.3	1904	44	155	186	3.523	0.833	0.237	13.7	24.34
4203	40.9302	117.8050	-310.4	364	QYA	0	0	0	0	41	32.4	1956	57	71	239	1.246	0.297	0.238	13.7	24.34
4204	40.9303	117.8055	-311.0	364	QYA	0	0	0	0	24	32.4	1897	66	46	211	0.697	0.218	0.313	13.7	24.32
4205	40.9303	117.8060	-311.2	368	QYA	0	0	0	0	31	32.5	1860	69	77	203	1.116	0.379	0.340	13.8	24.36
4206	40.9304	117.8065	-311.3	369	QYA	0	0	0	0	39	32.5	1879	45	116	225	2.578	0.516	0.200	13.8	24.37
4207	40.9304	117.8070	-312.7	372	QYA	0	0	0	0	39	32.6	1827	54	78	185	1.444	0.422	0.292	13.8	24.34
4208	40.9304	117.8075	-313.0	381	QYA	0	0	0	0	33	32.7	1899	61	103	153	1.689	0.673	0.399	13.9	24.34
4209	40.9305	117.8080	-313.9	389	QYA	0	0	0	0	43	32.9	1886	60	91	169	1.517	0.538	0.355	13.8	24.33
4210	40.9305	117.8085	-313.7	395	QYA	0	0	0	0	40	33.0	1819	56	82	171	1.464	0.480	0.327	13.8	24.32
4211	40.9305	117.8091	-314.3	400	QYA	0	0	0	0	33	33.1	1861	72	40	176	0.556	0.227	0.409	13.9	24.31
4212	40.9305	117.8096	-314.2	402	QYA	0	0	0	0	40	33.1	1844	46	136	172	2.957	0.791	0.267	13.8	24.33
4213	40.9305	117.8102	-315.0	401	QYA	0	0	0	0	44	33.1	1900	40	134	167	3.350	0.802	0.240	13.9	24.32

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4214	40.9304	117.8107	-318.7	400	QYA	0	0	0	0	45	33.1	1764	42	27	225	0.643	0.120	0.187	14.0	24.33
4215	40.9304	117.8113	-318.5	399	QYA	0	0	0	0	44	33.1	1859	63	32	210	0.508	0.152	0.300	14.0	24.35
4216	40.9304	117.8118	-319.9	404	QYA	0	0	0	0	39	33.2	1924	62	74	215	1.194	0.344	0.288	14.0	24.37
4217	40.9304	117.8124	-319.9	409	QYA	0	0	0	0	47	33.3	1835	48	54	241	1.125	0.224	0.199	13.9	24.33
4218	40.9304	117.8129	-319.6	409	QYA	0	0	0	0	41	33.3	1980	53	126	191	2.377	0.660	0.277	13.9	24.31
4219	40.9303	117.8135	-319.7	405	QYA	0	0	0	0	45	35.0	1923	56	127	184	2.268	0.690	0.304	13.9	24.33
4220	40.9303	117.8140	-319.4	401	QYA	0	0	0	0	37	34.9	1793	50	133	135	2.660	0.985	0.370	13.8	24.33
4221	40.9303	117.8145	-319.0	394	QYA	0	0	0	0	40	34.8	1932	64	56	201	0.875	0.279	0.318	13.7	24.33
4222	40.9303	117.8151	-320.4	391	QYA	0	0	0	0	46	34.7	1838	51	52	197	1.020	0.264	0.259	13.8	24.34
4223	40.9302	117.8156	-321.1	385	QYA	0	0	0	0	55	34.6	1900	46	96	218	2.087	0.440	0.211	13.8	24.38
4224	40.9302	117.8162	-321.2	386	QYA	0	0	0	0	48	34.6	1916	46	122	163	2.652	0.748	0.282	13.7	24.38
4225	40.9302	117.8167	-322.1	389	QYA	0	0	0	0	55	34.7	1980	76	55	220	0.724	0.250	0.345	13.7	24.35
4226	40.9302	117.8173	-322.1	392	QYA	0	0	0	0	42	34.7	1953	48	111	166	2.313	0.669	0.289	13.6	24.36
4227	40.9302	117.8178	-322.3	391	QYA	0	0	0	0	32	34.7	1926	55	104	196	1.891	0.531	0.281	13.6	24.37
4228	40.9301	117.8184	-321.6	391	QYA	0	0	0	0	39	34.7	1924	48	107	199	2.229	0.538	0.241	13.6	24.37
4229	40.9301	117.8189	-321.0	391	QYA	0	0	0	0	29	34.7	1883	66	87	170	1.318	0.512	0.388	13.6	24.35
4230	40.9301	117.8195	-320.8	395	QYA	0	0	0	0	49	34.8	1846	66	34	211	0.515	0.161	0.313	13.6	24.34
4231	40.9301	117.8200	-319.4	398	QYA	0	0	0	0	55	34.9	1868	46	80	197	1.739	0.406	0.234	13.5	24.33
4232	40.9300	117.8206	-319.3	401	QYA	0	0	0	0	44	34.9	1903	51	108	158	2.118	0.684	0.323	13.6	24.35
4233	40.9300	117.8211	-319.1	404	QYA	0	0	0	0	43	35.0	1800	42	113	169	2.690	0.669	0.249	13.6	24.36
4234	40.9300	117.8217	-318.2	407	QYA	0	0	0	0	38	35.0	1877	46	144	176	3.130	0.818	0.261	13.6	24.33
4235	40.9300	117.8222	-317.6	406	QYA	0	0	0	0	40	35.0	1879	49	59	216	1.204	0.273	0.227	13.6	24.32
4236	40.9300	117.8228	-317.7	407	QYA	0	0	0	0	39	35.1	1812	52	124	144	2.385	0.861	0.361	13.5	24.31
4237	40.9299	117.8233	-315.8	405	QYA	0	0	0	0	46	35.0	1845	43	137	151	3.186	0.907	0.285	13.5	24.33
4238	40.9299	117.8239	-315.7	400	QYA	0	0	0	0	39	36.5	1826	29	116	207	4.000	0.560	0.140	13.5	24.32
4239	40.9299	117.8244	-314.8	400	QYA	0	0	0	0	36	36.5	1920	67	61	174	0.910	0.351	0.385	13.5	24.33
4240	40.9299	117.8249	-316.0	398	QYA	0	0	0	0	34	36.4	1880	69	68	189	0.986	0.360	0.365	13.5	24.33
4241	40.9298	117.8255	-315.9	397	QYA	0	0	0	0	30	36.4	1836	59	49	182	0.831	0.269	0.324	13.5	24.36
4242	40.9298	117.8260	-316.0	397	QYA	0	0	0	0	30	36.4	1857	63	98	162	1.556	0.605	0.389	13.5	24.36
4243	40.9298	117.8266	-315.9	395	QYA	0	0	0	0	34	36.4	1759	32	60	195	1.875	0.308	0.164	13.5	24.38
4244	40.9298	117.8271	-316.3	391	QYA	0	0	1	0	53	36.3	1758	60	2	185	0.033	0.011	0.324	13.5	24.35
4245	40.9298	117.8277	-316.1	393	QYA	0	0	0	0	47	36.3	1731	53	77	154	1.453	0.500	0.344	13.6	24.38
4246	40.9297	117.8282	-316.0	393	QYA	0	0	0	0	38	36.4	1636	43	86	123	2.000	0.699	0.350	13.5	24.37
4247	40.9297	117.8288	-315.8	395	QYA	0	0	0	0	54	36.4	1680	43	63	153	1.465	0.412	0.281	13.5	24.37
4248	40.9297	117.8293	-315.5	394	QYA	0	0	0	0	48	36.4	1580	56	50	123	0.893	0.407	0.455	13.5	24.37
4249	40.9297	117.8299	-315.3	398	QYA	0	0	0	0	35	36.5	1561	54	54	128	1.000	0.422	0.422	13.6	24.38
4250	40.9296	117.8304	-315.3	405	QYA	0	0	0	0	35	36.6	1553	38	120	133	3.158	0.902	0.286	13.6	24.39
4251	40.9296	117.8310	-316.0	403	QYA	0	0	0	0	39	36.6	1531	60	36	125	0.600	0.288	0.480	13.6	24.37
4252	40.9296	117.8315	-315.9	402	QYA	0	0	0	0	44	36.5	1522	24	88	157	3.667	0.561	0.153	13.6	24.37
4253	40.9296	117.8321	-315.5	397	QYA	0	0	0	0	41	36.4	1539	50	74	120	1.480	0.617	0.417	13.6	24.36
4254	40.9296	117.8326	-314.7	396	QYA	0	0	0	0	46	36.4	1474	35	88	135	2.514	0.652	0.259	13.5	24.36
4255	40.9295	117.8332	-314.7	398	QYA	0	0	0	0	40	36.5	1504	40	37	132	0.925	0.280	0.303	13.5	24.35
4256	40.9295	117.8337	-315.2	393	QYA	0	0	0	0	43	36.3	1422	37	48	131	1.297	0.366	0.282	13.5	24.35
4257	40.9295	117.8342	-315.5	394	QYA	0	0	0	0	43	39.8	1545	49	72	113	1.469	0.637	0.434	13.5	24.35
4258	40.9295	117.8348	-315.8	401	QYA	0	0	0	0	49	40.0	1507	37	123	78	3.324	1.577	0.474	13.5	24.36
4259	40.9294	117.8353	-315.9	402	QYA	0	0	0	0	21	40.0	1547	54	60	128	1.111	0.469	0.422	13.5	24.34
4260	40.9294	117.8359	-316.3	405	QYA	0	0	0	0	43	40.1	1516	40	57	145	1.425	0.393	0.276	13.5	24.36
4261	40.9294	117.8364	-315.7	403	QYA	0	0	0	0	42	40.1	1430	38	99	84	2.605	1.179	0.452	13.5	24.36
4262	40.9294	117.8370	-312.1	396	QYA	0	0	0	0	40	39.9	1440	37	102	87	2.757	1.172	0.425	13.5	24.37
4263	40.9293	117.8375	-315.2	393	QYA	0	0	0	0	38	39.8	1466	39	44	128	1.128	0.344	0.305	13.4	24.35
4264	40.9293	117.8381	-315.1	387	QYA	0	0	0	0	39	39.7	1410	38	109	77	2.868	1.416	0.494	13.4	24.34
4265	40.9293	117.8386	-316.3	382	QYA	0	0	0	0	40	39.6	1453	25	162	86	6.480	1.884	0.291	13.5	24.34
4266	40.9293	117.8392	-316.2	378	QYA	0	0	0	0	40	39.5	1448	44	95	112	2.159	0.848	0.393	13.5	24.36
4267	40.9293	117.8397	-316.1	371	QYA	0	0	0	0	45	39.3	1394	34	68	106	2.000	0.642	0.321	13.5	24.38

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4268	40.9292	117.8403	-316.5	366	QYA	0	0	0	0	43	39.2	1409	43	56	108	1.302	0.519	0.398	13.5	24.38
4269	40.9292	117.8408	-316.2	358	QYA	0	0	0	0	50	39.0	1466	32	77	136	2.406	0.566	0.235	13.5	24.41
4270	40.9292	117.8414	-316.4	355	QYA	0	0	1	0	49	38.9	1491	58	19	102	0.328	0.186	0.569	13.5	24.40
4271	40.9292	117.8419	-316.5	348	QYA	0	0	0	0	32	38.7	1362	37	36	139	0.973	0.259	0.266	13.5	24.41
4272	40.9291	117.8425	-316.2	338	QYA	0	0	0	0	47	38.5	1451	28	108	121	3.857	0.893	0.231	13.5	24.43
4273	40.9291	117.8430	-316.6	333	QYA	0	0	0	0	30	38.3	1517	39	79	132	2.026	0.598	0.295	13.5	24.42
4274	40.9291	117.8435	-316.8	332	QYA	0	0	0	0	38	38.3	1610	59	61	126	1.034	0.484	0.468	13.4	24.43
4275	40.9291	117.8441	-317.6	331	QYA	0	0	0	0	49	38.3	1560	43	28	168	0.651	0.167	0.256	13.5	24.43
4276	40.9291	117.8446	-317.2	338	QYA	0	0	0	0	44	37.2	1580	47	94	140	2.000	0.671	0.336	13.5	24.41
4277	40.9290	117.8452	-317.2	349	QYA	0	0	0	0	38	37.5	1597	47	99	131	2.106	0.756	0.359	13.5	24.42
4278	40.9290	117.8457	-316.5	361	QYA	0	0	0	0	41	37.8	1664	39	136	161	3.487	0.845	0.242	13.5	24.41
4279	40.9290	117.8463	-316.3	371	QYA	0	0	0	0	35	38.0	1549	35	48	188	1.371	0.255	0.186	13.6	24.40
4280	40.9290	117.8468	-316.1	375	QYA	0	0	0	0	46	38.1	1555	40	80	133	2.000	0.602	0.301	13.5	24.36
4281	40.9289	117.8474	-316.0	377	QYA	0	0	0	0	44	38.1	1488	39	37	164	0.949	0.226	0.238	13.5	24.37
4282	40.9289	117.8479	-314.4	374	QYA	0	0	0	0	35	38.1	1514	28	60	190	2.143	0.316	0.147	13.5	24.37
4283	40.9289	117.8485	-314.3	371	QYA	0	0	0	0	36	38.0	1492	28	141	92	5.036	1.533	0.304	13.5	24.38
4284	40.9289	117.8490	-316.2	367	QYA	0	0	0	0	38	37.9	1450	38	78	129	2.053	0.605	0.295	13.5	24.37
4285	40.9289	117.8496	-315.8	362	QYA	0	0	0	0	47	37.8	1465	34	45	141	1.324	0.319	0.241	13.5	24.37
4286	40.9288	117.8501	-316.2	361	QYA	0	0	0	0	35	37.8	1437	33	50	133	1.515	0.376	0.248	13.5	24.38
4287	40.9288	117.8507	-316.1	358	QYA	0	0	0	0	42	37.7	1377	39	86	77	2.205	1.117	0.506	13.4	24.37
4288	40.9288	117.8512	-315.7	357	QYA	0	0	0	0	29	37.7	1409	49	60	91	1.224	0.659	0.538	13.4	24.38
4289	40.9288	117.8518	-316.1	356	QYA	0	0	1	0	42	37.7	1395	52	-15	122	-0.288	-0.123	0.426	13.4	24.38
4290	40.9287	117.8523	-316.7	356	QYA	0	0	0	0	40	37.6	1287	27	51	119	1.889	0.429	0.227	13.5	24.37
4291	40.9287	117.8528	-317.3	361	QYA	0	0	1	0	43	37.8	1338	44	-15	124	-0.341	-0.121	0.355	13.5	24.38
4292	40.9287	117.8534	-317.8	370	QYA	0	0	0	0	44	38.0	1347	29	91	103	3.138	0.883	0.282	13.5	24.38
4293	40.9287	117.8539	-318.1	379	QYA	0	0	0	0	27	38.2	1253	42	81	60	1.929	1.350	0.700	13.5	24.36
4294	40.9287	117.8545	-318.4	387	QYA	0	0	0	0	38	38.4	1344	31	76	73	2.452	1.041	0.425	13.5	24.38
4295	40.9286	117.8550	-318.2	391	QYA	0	0	0	0	35	33.8	1313	23	64	118	2.783	0.542	0.195	13.5	24.37
4296	40.9286	117.8556	-319.0	398	QYA	0	0	1	0	42	33.9	1419	55	-7	140	-0.127	-0.050	0.393	13.5	24.37
4297	40.9286	117.8561	-319.6	405	QYA	0	0	0	0	38	34.0	1499	26	119	119	4.577	1.000	0.218	13.5	24.35
4298	40.9286	117.8567	-321.7	403	QYA	0	0	0	0	41	34.0	1395	20	106	95	5.300	1.116	0.211	13.5	24.35
4299	40.9285	117.8572	-323.4	403	QYA	0	0	0	0	51	34.0	1486	27	121	101	4.481	1.198	0.267	13.5	24.36
4300	40.9285	117.8578	-323.2	402	QYA	0	0	0	0	51	34.0	1470	40	89	122	2.225	0.730	0.328	13.6	24.39
4301	40.9285	117.8583	-325.6	401	QYA	0	0	0	0	49	34.0	1598	27	59	177	2.185	0.333	0.153	13.6	24.37
4302	40.9285	117.8589	-326.0	401	QYA	0	0	0	0	44	34.0	1627	36	99	153	2.750	0.647	0.235	13.5	24.36
4303	40.9285	117.8594	-329.6	395	QYA	0	0	0	0	30	33.8	1612	48	58	151	1.208	0.384	0.318	13.5	24.35
4304	40.9284	117.8600	-328.6	387	QYA	0	0	0	0	42	33.7	1695	41	81	178	1.976	0.455	0.230	13.4	24.35
4305	40.9284	117.8605	-329.4	388	QYA	0	0	0	0	49	33.7	1798	51	32	206	0.627	0.155	0.248	13.4	24.34
4306	40.9284	117.8611	-331.8	387	QYA	0	0	0	0	45	33.7	1789	52	58	196	1.115	0.296	0.265	13.4	24.32
4307	40.9284	117.8616	-333.1	391	QYA	0	0	0	0	39	33.8	1821	47	34	241	0.723	0.141	0.195	13.4	24.34
4308	40.9283	117.8621	-333.9	401	QYA	0	0	0	0	36	34.0	1769	50	68	182	1.360	0.374	0.275	13.5	24.35
4309	40.9283	117.8627	-335.0	409	QYA	0	0	1	0	46	34.1	1733	59	12	194	0.203	0.062	0.304	13.5	24.34
4310	40.9283	117.8632	-336.3	418	QYA	0	0	0	0	50	34.3	1853	44	51	221	1.159	0.231	0.199	13.5	24.33
4311	40.9283	117.8638	-336.1	421	QYA	0	0	0	0	48	34.4	1781	52	54	195	1.038	0.277	0.267	13.5	24.31
4312	40.9283	117.8643	-336.2	425	QYA	0	0	0	0	46	34.4	1814	47	80	181	1.702	0.442	0.260	13.5	24.31
4313	40.9282	117.8649	-336.5	430	QYA	0	0	0	0	40	34.5	1804	61	81	172	1.328	0.471	0.355	13.6	24.32
4314	40.9282	117.8654	-337.7	429	QYA	0	0	0	0	45	30.5	1778	54	53	196	0.981	0.270	0.276	13.5	24.30
4315	40.9282	117.8660	-338.5	430	QYA	0	0	0	0	32	30.5	1839	50	84	232	1.680	0.362	0.216	13.5	24.31
4316	40.9282	117.8665	-339.4	429	QYA	0	0	0	0	38	30.5	1791	51	92	152	1.804	0.605	0.336	13.6	24.34
4317	40.9281	117.8671	-340.8	428	QYA	0	0	0	0	48	30.5	1919	64	79	165	1.234	0.479	0.388	13.6	24.37
4318	40.9281	117.8676	-340.5	421	QYA	0	0	0	0	43	30.3	1951	44	113	230	2.568	0.491	0.191	13.6	24.35
4319	40.9281	117.8682	-340.1	412	QYA	0	0	0	0	54	30.2	1855	47	140	133	2.979	1.053	0.353	13.5	24.36
4320	40.9281	117.8687	-339.3	407	QYA	0	0	0	0	62	30.1	1884	41	126	174	3.073	0.724	0.236	13.5	24.35
4321	40.9281	117.8693	-338.0	399	QYA	0	0	0	0	44	30.0	1833	41	108	186	2.634	0.581	0.220	13.5	24.35

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4322	40.9280	117.8698	-338.6	395	QYA	0	0	0	0	41	29.9	1886	48	95	208	1.979	0.457	0.231	13.5	24.36
4323	40.9280	117.8704	-339.0	397	QYA	0	0	0	0	36	29.9	1884	41	119	186	2.902	0.640	0.220	13.5	24.39
4324	40.9280	117.8709	-339.1	397	QYA	0	0	0	0	44	29.9	1932	41	124	181	3.024	0.685	0.227	13.5	24.38
4325	40.9280	117.8715	-338.8	392	QYA	0	0	0	0	33	29.8	1849	50	104	216	2.080	0.481	0.231	13.5	24.37
4326	40.9279	117.8720	-338.4	390	QYA	0	0	0	0	45	29.8	1941	60	60	215	1.000	0.279	0.279	13.5	24.37
4327	40.9279	117.8725	-336.8	384	QYA	0	0	0	0	51	29.7	1845	53	81	200	1.528	0.405	0.265	13.4	24.35
4328	40.9279	117.8731	-335.5	378	QYA	0	0	0	0	48	29.6	1854	55	101	191	1.836	0.529	0.288	13.4	24.35
4329	40.9279	117.8736	-334.9	376	QYA	0	0	1	0	44	29.6	1920	60	25	230	0.417	0.109	0.261	13.4	24.37
4330	40.9279	117.8742	-332.9	379	QYA	0	0	0	0	46	29.6	2019	60	51	237	0.850	0.215	0.253	13.5	24.35
4331	40.9278	117.8747	-331.5	385	QYA	0	0	0	0	41	29.7	1890	56	78	198	1.393	0.394	0.283	13.4	24.35
4332	40.9278	117.8753	-327.8	393	QYA	0	0	0	0	39	29.8	1929	60	114	170	1.900	0.671	0.353	13.5	24.33
4333	40.9278	117.8758	-325.1	400	QYA	0	0	0	0	43	28.2	1818	51	94	173	1.843	0.543	0.295	13.5	24.33
4334	40.9278	117.8764	-322.0	405	QYA	0	0	0	0	46	28.3	1847	53	125	190	2.358	0.658	0.279	13.5	24.35
4335	40.9277	117.8769	-324.1	405	QYA	0	0	0	0	37	28.3	1862	39	148	191	3.795	0.775	0.204	13.5	24.31
4336	40.9277	117.8775	-327.4	406	QYA	0	0	0	0	44	28.3	1854	50	86	204	1.720	0.422	0.245	13.6	24.34
4337	40.9277	117.8780	-335.1	405	QYA	0	0	0	0	38	28.3	1922	60	81	192	1.350	0.422	0.313	13.6	24.36
4338	40.9277	117.8786	-340.4	409	QYA	0	0	0	0	44	28.4	1869	55	79	199	1.436	0.397	0.276	13.6	24.35
4339	40.9277	117.8791	-343.0	407	QYA	0	0	0	0	40	28.3	1888	52	136	153	2.615	0.889	0.340	13.6	24.34
4340	40.9276	117.8797	-342.9	405	QYA	0	0	0	0	50	28.3	1924	33	163	211	4.939	0.773	0.156	13.6	24.37
4341	40.9276	117.8802	-340.5	402	QYA	0	0	0	0	46	28.2	1922	49	65	238	1.327	0.273	0.206	13.6	24.35
4342	40.9276	117.8808	-338.4	403	QYA	0	0	0	0	48	28.3	1907	46	72	217	1.565	0.332	0.212	13.7	24.37
4343	40.9276	117.8813	-336.3	399	QYA	0	0	1	0	38	28.2	1877	54	-8	273	-0.148	-0.029	0.198	13.8	24.38
4344	40.9275	117.8318	-334.4	400	QYA	0	0	0	0	44	28.2	1900	44	101	217	2.295	0.465	0.203	13.8	24.38
4345	40.9275	117.8824	-336.3	402	QYA	0	0	0	0	40	28.2	1967	60	53	225	0.883	0.236	0.267	13.8	24.38
4346	40.9275	117.8829	-340.2	400	QYA	0	0	0	0	41	28.2	1909	55	79	205	1.436	0.385	0.268	13.7	24.38
4347	40.9275	117.8835	-348.6	393	QYA	0	0	0	0	47	28.1	1845	57	127	167	2.228	0.760	0.341	13.7	24.37
4348	40.9275	117.8840	-355.5	387	QYA	0	0	0	0	44	28.0	1924	55	51	225	0.927	0.227	0.244	13.7	24.33
4349	40.9275	117.8845	-353.2	379	QYA	0	0	0	0	35	27.9	1873	53	152	162	2.868	0.938	0.327	13.7	24.34
4350	40.9275	117.8850	-338.3	381	QYA	0	0	0	0	34	27.9	1923	68	88	193	1.294	0.456	0.352	13.7	24.36
4351	40.9275	117.8854	-319.5	384	QYA	0	0	0	0	46	27.9	1896	41	154	200	3.756	0.770	0.205	13.8	24.36
4352	40.9275	117.8859	-327.7	377	QYA	0	0	0	0	49	29.0	1830	54	50	212	0.926	0.236	0.255	13.7	24.34
4353	40.9275	117.8863	-338.9	370	QYA	0	0	0	0	44	28.9	1836	55	52	210	0.945	0.248	0.262	13.6	24.31
4354	40.9275	117.8868	-353.5	369	QYA	0	0	0	0	42	28.8	1874	50	43	240	0.860	0.179	0.208	13.6	24.32
4355	40.9275	117.8873	-370.9	374	QYA	0	0	0	0	46	28.9	1923	68	34	219	0.500	0.155	0.311	13.6	24.30
4356	40.9275	117.8877	-392.2	379	QYA	0	0	1	0	47	29.0	1912	62	23	260	0.371	0.088	0.238	13.6	24.31
4357	40.9275	117.8882	-408.8	387	QYA	0	0	0	0	50	29.2	1906	52	85	217	1.635	0.392	0.240	13.7	24.33
4358	40.9275	117.8886	-412.2	394	QYA	0	0	0	0	55	29.3	1886	63	36	224	0.571	0.161	0.281	13.6	24.32
4359	40.9275	117.8891	-405.3	395	QYA	0	0	1	0	57	29.3	1875	51	10	257	0.196	0.039	0.198	13.6	24.27
4360	40.9275	117.8896	-394.2	398	QYA	0	0	0	0	55	29.3	1921	62	45	235	0.726	0.191	0.264	13.6	24.27
4361	40.9275	117.8900	-383.1	397	QYA	0	0	0	0	36	29.3	1821	42	119	199	2.833	0.598	0.211	13.5	24.25
4362	40.9275	117.8905	-372.0	398	QYA	0	0	0	0	59	29.3	1871	39	70	226	1.795	0.310	0.173	13.6	24.26
4363	40.9275	117.8909	-360.3	405	QYA	0	0	0	0	50	29.5	1881	59	71	195	1.203	0.364	0.303	13.7	24.27
4364	40.9275	117.8914	-350.6	419	QYA	0	0	0	0	34	29.7	1811	47	89	198	1.894	0.449	0.237	13.6	24.26
4365	40.9275	117.8919	-341.8	415	QYA	0	0	0	0	38	29.6	1891	39	156	175	4.000	0.891	0.223	13.6	24.25
4366	40.9275	117.8923	-333.0	407	QYA	0	0	0	0	55	29.5	1855	48	126	149	2.625	0.846	0.322	13.6	24.23
4367	40.9275	117.8928	-324.9	403	QYA	0	0	0	0	50	29.4	1745	53	64	175	1.208	0.366	0.303	13.6	24.22
4368	40.9275	117.8933	-311.8	409	TRWI1	0	0	0	0	36	29.5	1894	46	116	177	2.522	0.655	0.260	13.7	24.26
4369	40.9275	117.8937	-305.4	415	TRWI1	0	0	0	0	47	29.6	1887	63	75	215	1.190	0.349	0.293	13.6	24.23
4370	40.9275	117.8942	-299.5	414	TRWI1	0	0	0	0	31	29.6	1894	60	122	193	2.033	0.632	0.311	13.6	24.23
4371	40.9275	117.8946	-293.9	417	TRWI1	0	0	0	0	44	31.0	1793	35	123	170	3.514	0.724	0.206	13.5	24.22
4372	40.9275	117.8951	-289.0	423	TRWI1	0	0	0	0	37	31.1	1870	49	136	149	2.776	0.913	0.329	13.5	24.18
4373	40.9275	117.8956	-283.4	423	QTB1	0	0	0	0	41	31.1	1965	61	72	219	1.180	0.329	0.279	13.4	24.16
4374	40.9275	117.8960	-277.8	423	QTB1	0	0	0	0	39	31.1	1955	58	70	217	1.207	0.323	0.267	13.4	24.17
4375	40.9275	117.8965	-269.0	423	QTB1	0	0	0	0	46	31.1	1839	41	73	222	1.780	0.329	0.185	13.4	24.14

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4376	40.9275	117.8969	-268.4	417	QTB1	0	0	0	0	42	31.0	1876	57	125	158	2.193	0.791	0.361	13.4	24.14
4377	40.9275	117.8974	-264.5	394	QTB1	0	0	0	0	42	30.5	1837	47	96	211	2.043	0.455	0.223	13.3	24.14
4378	40.9275	117.8979	-263.6	371	QTB1	0	0	1	0	44	30.1	1771	58	25	211	0.431	0.118	0.275	13.3	24.11
4379	40.9275	117.8983	-263.4	355	QTB1	0	0	0	0	32	29.8	1707	71	50	166	0.704	0.301	0.428	13.3	24.11
4380	40.9275	117.8988	-263.7	357	QTB1	0	0	0	0	53	29.9	1754	59	79	168	1.339	0.470	0.351	13.2	24.11
4381	40.9275	117.8992	-261.2	353	QTB1	0	0	0	0	45	29.8	1739	47	155	128	3.298	1.211	0.367	13.2	24.07
4382	40.9275	117.8997	-234.6	350	QTB1	0	0	0	0	39	29.7	1673	52	69	170	1.327	0.406	0.306	13.1	24.05
4383	40.9275	117.9002	-155.8	350	QTB1	0	0	0	0	42	29.7	1642	34	121	161	3.559	0.752	0.211	13.2	24.05
4384	40.9275	117.9006	-53.3	362	QTB1	0	0	0	0	39	30.0	1648	35	129	115	3.686	1.122	0.304	13.1	24.06
4385	40.9275	117.9011	51.4	376	QTB1	0	0	0	0	55	30.2	1659	30	114	150	3.800	0.760	0.200	13.1	24.04
4386	40.9275	117.9015	50.4	391	QTB1	0	0	0	0	54	30.5	1615	46	55	145	1.196	0.379	0.317	13.0	23.97
4387	40.9275	117.9020	32.3	402	QTB1	0	0	0	0	50	30.7	1635	50	64	162	1.280	0.395	0.309	13.0	23.96
4388	40.9275	117.9025	1.4	428	QTB1	0	0	0	0	53	31.2	1723	47	36	210	0.766	0.171	0.224	13.0	23.97
4389	40.9275	117.9029	-32.0	461	QTB1	0	0	0	0	40	31.7	1718	43	67	161	1.558	0.416	0.267	13.1	23.99
4390	40.9275	117.9034	-65.5	482	QTB1	0	0	0	0	42	29.2	1735	32	124	136	3.875	0.912	0.235	13.1	24.00
4391	40.9275	117.9039	-87.8	484	QTB1	0	0	0	0	42	29.2	1940	49	111	189	2.265	0.587	0.259	13.1	23.99
4392	40.9275	117.9043	-97.8	469	QTB1	0	0	0	0	52	29.0	1885	48	70	170	1.458	0.412	0.282	13.0	23.99
4393	40.9275	117.9048	-89.7	447	QTB1	0	0	0	0	44	28.6	1708	45	112	138	2.489	0.812	0.326	13.0	24.00
4394	40.9275	117.9052	-55.4	409	QTB1	0	0	0	0	43	28.0	1736	48	47	181	0.979	0.260	0.265	13.0	24.01
4395	40.9275	117.9057	4.0	383	TRWI1	0	0	0	0	58	27.6	1636	48	70	155	1.458	0.452	0.310	13.0	24.01
4396	40.9275	117.9062	73.7	364	TRWI1	0	0	0	0	45	27.3	1654	44	93	161	2.114	0.578	0.273	13.1	24.02
4397	40.9275	117.9066	129.8	364	TRWI1	0	0	0	0	38	27.3	1757	57	62	182	1.088	0.341	0.313	13.0	24.03
4398	40.9275	117.9071	157.4	360	TRWI1	0	0	0	0	52	27.2	1805	39	154	132	3.949	1.167	0.295	13.0	24.01
4399	40.9275	117.9075	166.0	360	TRWI1	0	0	0	0	55	27.2	1721	53	81	160	1.528	0.506	0.331	12.9	23.99
4400	40.9275	117.9080	162.5	354	TRWI1	0	0	0	0	41	27.1	1807	45	133	160	2.956	0.831	0.281	12.9	23.99
4401	40.9275	117.9085	149.6	358	TRWI1	0	0	0	0	33	27.2	1713	72	55	171	0.764	0.322	0.421	12.9	23.99
4402	40.9275	117.9089	20.4	374	TRWI1	0	0	0	0	54	27.5	1650	41	26	183	0.634	0.142	0.224	13.0	24.01
4403	40.9275	117.9094	-51.3	407	QYA	0	0	1	0	60	28.0	1723	51	23	190	0.451	0.121	0.268	12.9	23.97
4404	40.9275	117.9098	-97.4	444	QYA	0	0	0	0	49	28.6	1644	49	81	135	1.653	0.600	0.363	12.9	23.94
4405	40.9275	117.9103	-125.5	474	QYA	0	0	0	0	46	29.1	1783	50	73	172	1.460	0.424	0.291	12.8	23.91
4406	40.9275	117.9108	-141.1	486	QYA	0	0	0	0	44	29.2	1854	60	94	156	1.567	0.603	0.385	12.8	23.93
4407	40.9275	117.9112	-153.7	487	QYA	0	0	0	0	43	29.3	1850	59	84	182	1.424	0.462	0.324	12.8	23.93
4408	40.9275	117.9117	-159.3	489	QYA	0	0	0	0	50	29.3	1957	77	64	169	0.831	0.379	0.456	12.8	23.96
4409	40.9275	117.9121	-162.2	489	QYA	0	0	1	0	45	29.5	1970	64	18	254	0.281	0.071	0.252	12.7	23.99
4410	40.9275	117.9126	-161.4	484	QYA	0	0	0	0	54	29.4	1982	64	94	191	1.469	0.492	0.335	12.7	23.99
4411	40.9275	117.9131	-157.7	473	QYA	0	0	0	0	52	29.3	2053	54	77	243	1.426	0.317	0.222	12.6	23.99
4412	40.9275	117.9135	-153.3	469	QYA	0	0	0	0	33	29.2	2110	60	158	185	2.633	0.854	0.324	12.6	24.05
4413	40.9275	117.9140	-149.5	464	QYA	0	0	0	0	41	29.1	2041	58	77	224	1.328	0.344	0.259	12.7	24.04
4414	40.9275	117.9145	-147.2	462	QYA	0	0	1	0	43	29.1	1957	72	28	219	0.389	0.128	0.329	12.7	24.09
4415	40.9275	117.9149	-145.4	454	QYA	0	0	0	0	27	29.0	2038	71	48	237	0.676	0.203	0.300	12.7	24.09
4416	40.9275	117.9154	-144.6	449	QYA	0	0	0	0	50	28.9	2008	67	121	183	1.806	0.661	0.366	12.7	24.09
4417	40.9275	117.9158	-145.6	440	QYA	0	0	0	0	52	28.7	1949	58	49	229	0.845	0.214	0.253	12.6	24.10
4418	40.9275	117.9163	-145.5	432	QYA	0	0	0	0	55	28.6	1892	51	82	196	1.608	0.418	0.260	12.6	24.09
4419	40.9275	117.9168	-148.4	434	QYA	0	0	0	0	45	28.6	1976	75	78	184	1.040	0.424	0.408	12.7	24.13
4420	40.9275	117.9172	-152.8	430	QYA	0	0	0	0	40	28.6	2007	47	121	237	2.574	0.511	0.198	12.7	24.15
4421	40.9275	117.9177	-155.0	427	QYA	0	0	0	0	39	28.5	1934	69	83	218	1.203	0.381	0.317	12.8	24.15
4422	40.9275	117.9181	-157.6	427	QYA	0	0	0	0	38	28.5	1997	64	145	175	2.266	0.829	0.366	12.8	24.17
4423	40.9275	117.9186	-160.8	426	QYA	0	0	0	0	46	28.5	1931	63	56	203	0.889	0.276	0.310	12.7	24.17
4424	40.9275	117.9191	-163.5	422	QYA	0	0	0	0	45	28.5	1984	70	111	163	1.586	0.681	0.429	12.7	24.17
4425	40.9275	117.9195	-166.2	420	QYA	0	0	0	0	31	28.4	1940	60	61	236	1.017	0.258	0.254	12.7	24.16
4426	40.9275	117.9200	-169.1	417	QYA	0	0	0	0	35	28.4	1979	61	124	187	2.033	0.663	0.326	12.7	24.16
4427	40.9275	117.9204	-171.0	420	QYA	0	0	0	0	39	28.4	1956	71	78	195	1.099	0.400	0.364	12.7	24.17
4428	40.9275	117.9209	-173.6	419	QYA	0	0	0	0	39	25.1	1980	55	93	194	1.691	0.479	0.284	12.7	24.18
4429	40.9275	117.9214	-176.3	418	QYA	0	0	0	0	43	25.1	2022	61	179	144	2.934	1.243	0.424	12.7	24.18

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4430	40.9275	117.9218	-179.4	416	QYA	0	0	0	0	57	25.1	1981	49	99	216	2.020	0.458	0.227	12.7	24.18
4431	40.9275	117.9223	-180.6	416	QYA	0	0	0	0	48	25.1	1897	61	71	218	1.164	0.326	0.280	12.7	24.19
4432	40.9275	117.9227	-181.8	411	QYA	0	0	0	0	32	25.0	1917	63	28	259	0.444	0.108	0.243	12.7	24.19
4433	40.9275	117.9232	-182.0	408	QYA	0	0	1	0	49	24.9	1990	77	26	205	0.338	0.127	0.376	12.7	24.17
4434	40.9275	117.9237	-180.9	406	QYA	0	0	0	0	48	24.9	1984	61	97	189	1.590	0.513	0.323	12.8	24.20
4435	40.9275	117.9241	-180.8	400	QYA	0	0	0	0	48	24.8	1967	63	63	227	1.000	0.278	0.278	12.8	24.21
4436	40.9275	117.9246	-178.8	390	QYA	0	0	0	0	51	24.7	1943	79	40	199	0.506	0.201	0.397	12.8	24.23
4437	40.9275	117.9251	-175.8	378	QYA	0	0	0	0	44	24.5	1947	43	121	199	2.814	0.608	0.216	12.7	24.22
4438	40.9275	117.9255	-178.0	369	QYA	0	0	0	0	48	24.4	1942	66	70	218	1.061	0.321	0.303	12.8	24.22
4439	40.9275	117.9260	-179.7	366	QYA	0	0	0	0	33	24.3	1970	48	84	253	1.750	0.332	0.190	12.7	24.24
4440	40.9275	117.9264	-182.8	366	QYA	0	0	0	0	32	24.3	1966	56	106	216	1.893	0.491	0.259	12.9	24.25
4441	40.9275	117.9269	-187.0	364	QYA	0	0	0	0	60	24.3	2015	65	81	206	1.246	0.393	0.316	12.9	24.25
4442	40.9275	117.9274	-191.9	363	QYA	0	0	0	0	54	24.3	1990	50	71	249	1.420	0.285	0.201	12.9	24.27
4443	40.9275	117.9278	-196.6	359	QYA	0	0	0	0	42	24.2	1942	50	129	191	2.580	0.675	0.262	13.0	24.27
4444	40.9275	117.9283	-199.7	366	QYA	0	0	0	0	46	24.3	1953	71	86	209	1.211	0.411	0.340	12.9	24.26
4445	40.9275	117.9287	-204.7	381	QYA	0	0	0	0	47	24.5	1979	61	90	228	1.475	0.395	0.268	13.1	24.26
4446	40.9275	117.9292	-205.2	398	QYA	0	0	0	0	50	24.8	1968	57	59	219	1.035	0.269	0.260	13.1	24.25
4447	40.9275	117.9297	-208.8	403	QYA	0	0	0	0	53	27.9	2007	46	65	264	1.413	0.246	0.174	13.1	24.24
4448	40.9275	117.9301	-210.7	406	QYA	0	0	0	0	44	27.9	1993	62	119	175	1.919	0.680	0.354	13.1	24.25
4449	40.9275	117.9306	-211.3	408	QYA	0	0	0	0	39	28.0	1983	74	81	201	1.095	0.403	0.368	13.1	24.23
4450	40.9275	117.9310	-213.5	409	QYA	0	0	0	0	44	28.0	1947	60	62	206	1.033	0.301	0.291	13.1	24.24
4451	40.9275	117.9315	-216.4	408	QYA	0	0	0	0	46	28.0	1931	68	79	194	1.162	0.407	0.351	13.2	24.24
4452	40.9275	117.9320	-216.3	401	QYA	0	0	0	0	49	27.8	2012	68	81	192	1.191	0.422	0.354	13.1	24.25
4453	40.9275	117.9324	-219.3	399	QYA	0	0	0	0	46	27.8	1936	61	93	177	1.525	0.525	0.345	13.1	24.23
4454	40.9275	117.9329	-223.4	403	QYA	0	0	0	0	38	27.9	2006	64	62	231	0.969	0.268	0.277	13.1	24.24
4455	40.9275	117.9333	-225.5	406	QYA	0	0	0	0	38	27.9	1949	58	110	197	1.897	0.558	0.294	13.2	24.27
4456	40.9275	117.9338	-227.1	412	QYA	0	0	0	0	32	28.0	2009	80	115	180	1.438	0.639	0.444	13.3	24.27
4457	40.9275	117.9343	-233.7	418	QYA	0	0	0	0	35	28.1	2004	61	65	234	1.066	0.278	0.261	13.3	24.25
4458	40.9275	117.9347	-237.4	415	QYA	0	0	0	0	38	28.1	1971	74	66	218	0.892	0.303	0.339	13.3	24.25
4459	40.9275	117.9352	-240.1	408	QYA	0	0	0	0	37	27.9	1910	59	68	232	1.153	0.293	0.254	13.4	24.29
4460	40.9275	117.9357	-244.8	394	QYA	0	0	0	0	45	27.7	1937	75	33	198	0.440	0.167	0.379	13.4	24.29
4461	40.9275	117.9361	-249.6	384	QYA	0	0	0	0	52	27.6	1932	51	65	213	1.275	0.305	0.239	13.4	24.30
4462	40.9275	117.9366	-256.3	377	QYA	0	0	0	0	40	27.4	1944	46	164	177	3.565	0.927	0.260	13.5	24.33
4463	40.9275	117.9370	-260.5	370	QYA	0	0	0	0	53	27.3	1934	63	68	187	1.079	0.364	0.337	13.5	24.35
4464	40.9275	117.9375	-262.4	362	QYA	0	0	0	0	32	27.2	2031	66	92	227	1.394	0.405	0.291	13.4	24.32
4465	40.9275	117.9380	-261.9	358	QYA	0	0	0	0	40	27.1	2095	61	91	228	1.492	0.399	0.268	13.5	24.33
4466	40.9275	117.9384	-259.0	356	QYA	0	0	0	0	47	29.4	1998	60	145	190	2.417	0.763	0.316	13.4	24.32
4467	40.9275	117.9389	-254.4	362	QYA	0	0	0	0	43	29.5	2048	51	100	219	1.961	0.457	0.233	13.4	24.30
4468	40.9275	117.9393	-234.4	374	QYA	0	0	0	0	42	29.7	2045	70	130	160	1.857	0.813	0.438	13.5	24.33
4469	40.9275	117.9398	-234.2	391	QYA	0	0	0	0	49	30.0	2009	49	110	219	2.245	0.502	0.224	13.5	24.30
4470	40.9275	117.9403	-208.0	404	QYA	0	0	0	0	47	30.2	1971	67	64	206	0.955	0.311	0.325	13.5	24.28
4471	40.9275	117.9407	-197.3	410	QYA	0	0	0	0	33	30.3	1971	49	108	237	2.204	0.456	0.207	13.4	24.26
4472	40.9275	117.9412	-188.0	410	QYA	0	0	0	0	53	30.3	2003	53	94	230	1.774	0.409	0.230	13.5	24.27
4473	40.9275	117.9416	-188.9	411	QYA	0	0	0	0	38	30.4	1971	62	137	174	2.210	0.787	0.356	13.5	24.27
4474	40.9275	117.9421	-194.5	414	QYA	0	0	0	0	49	30.4	2043	57	111	215	1.947	0.516	0.265	13.5	24.30
4475	40.9275	117.9426	-206.1	415	QYA	0	0	0	0	50	30.4	1977	47	186	145	3.957	1.283	0.324	13.6	24.28
4476	40.9275	117.9430	-218.9	407	QYA	0	0	0	0	36	30.3	1996	72	179	163	2.486	1.098	0.442	13.5	24.31
4477	40.9275	117.9435	-233.1	399	QYA	0	0	0	0	43	30.1	1987	46	112	214	2.435	0.523	0.215	13.5	24.32
4478	40.9275	117.9439	-243.8	390	QYA	0	0	0	0	53	30.0	1957	54	125	174	2.278	0.707	0.310	13.5	24.32
4479	40.9275	117.9444	-255.7	388	QYA	0	0	0	0	39	29.9	1939	63	155	161	2.460	0.963	0.391	13.6	24.34
4480	40.9275	117.9449	-265.9	383	QYA	0	0	0	0	44	29.9	2018	52	94	245	1.808	0.384	0.212	13.7	24.36
4481	40.9275	117.9453	-274.0	383	QYA	0	0	0	0	51	29.8	1955	65	31	221	0.477	0.140	0.294	13.7	24.35
4482	40.9275	117.9458	-280.0	381	QYA	0	0	0	0	33	29.8	2022	68	111	195	1.632	0.569	0.349	13.7	24.33
4483	40.9275	117.9463	-284.9	380	QYA	0	0	0	0	37	29.8	1973	52	108	226	2.077	0.478	0.230	13.6	24.33

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4484	40.9275	117.9467	-288.0	382	QYA	0	0	0	0	44	29.8	1957	53	173	159	3.264	1.088	0.333	13.6	24.31
4485	40.9275	117.9472	-292.1	386	QYA	0	0	0	0	43	31.2	2078	61	95	213	1.557	0.446	0.286	13.7	24.33
4486	40.9275	117.9476	-292.0	386	QYA	0	0	0	0	47	31.2	1961	74	47	210	0.635	0.224	0.352	13.7	24.33
4487	40.9275	117.9481	-291.2	380	QYA	0	0	0	0	52	31.1	1999	75	31	231	0.413	0.134	0.325	13.7	24.33
4488	40.9275	117.9486	-289.9	374	QYA	0	0	0	0	40	31.0	1997	57	139	186	2.439	0.747	0.306	13.6	24.31
4489	40.9275	117.9490	-286.8	375	QYA	0	0	0	0	49	31.0	1935	48	119	177	2.479	0.672	0.271	13.6	24.31
4490	40.9275	117.9495	-282.4	377	QYA	0	0	0	0	46	31.0	1885	44	102	200	2.318	0.510	0.220	13.6	24.32
4491	40.9275	117.9499	-275.8	384	QYA	0	0	0	0	41	31.2	1949	74	57	227	0.770	0.251	0.326	13.7	24.33
4492	40.9275	117.9504	-269.4	387	QYA	0	0	0	0	47	31.2	1968	64	31	233	0.484	0.133	0.275	13.6	24.33
4493	40.9275	117.9509	-260.8	390	QYA	0	0	0	0	43	31.3	1984	74	51	221	0.689	0.231	0.335	13.7	24.36
4494	40.9275	117.9513	-250.2	388	QYA	0	0	0	0	48	31.2	1957	51	103	222	2.020	0.464	0.230	13.6	24.32
4495	40.9275	117.9518	-238.3	391	QYA	0	0	1	0	49	31.3	1987	72	12	215	0.167	0.056	0.335	13.6	24.31
4496	40.9275	117.9522	-225.4	394	QYA	0	0	0	0	38	31.4	1916	56	83	205	1.432	0.405	0.273	13.6	24.33
4497	40.9275	117.9527	-211.2	404	QYA	0	0	0	0	48	31.5	1922	67	54	199	0.806	0.271	0.337	13.7	24.32
4498	40.9275	117.9532	-195.8	410	QYA	0	0	0	0	34	31.6	1924	65	118	161	1.815	0.733	0.404	13.7	24.35
4499	40.9275	117.9536	-178.4	419	QYA	0	0	0	0	33	31.8	2014	54	98	230	1.815	0.426	0.235	13.8	24.35
4500	40.9275	117.9541	-160.8	415	QYA	0	0	0	0	47	31.7	1944	38	166	170	4.368	0.976	0.224	13.6	24.33
4501	40.9275	117.9545	-141.0	411	QYA	0	0	0	0	34	31.7	1958	79	73	215	0.924	0.340	0.367	13.7	24.33
4502	40.9275	117.9550	-99.0	407	QYA	0	0	0	0	51	31.6	1913	54	143	149	2.648	0.960	0.362	13.7	24.33
4503	40.9275	117.9555	-98.9	408	QYA	0	0	0	0	33	31.6	1939	35	149	209	4.257	0.713	0.167	13.7	24.34
4504	40.9275	117.9559	-61.0	409	QYA	0	0	0	0	33	32.7	1981	61	77	216	1.262	0.356	0.282	13.8	24.35
4505	40.9275	117.9564	-45.4	405	QYA	0	0	0	0	35	32.6	1999	79	87	172	1.101	0.506	0.459	13.7	24.35
4506	40.9275	117.9569	-32.8	401	QYA	0	0	0	0	43	32.5	1994	68	106	158	1.559	0.671	0.430	13.7	24.34
4507	40.9275	117.9573	-21.3	395	QYA	0	0	0	0	33	32.4	1993	50	130	198	2.600	0.657	0.253	13.7	24.33
4508	40.9276	117.9578	-13.2	394	QYA	0	0	0	0	41	32.4	1971	71	86	182	1.211	0.473	0.390	13.6	24.33
4509	40.9276	117.9582	-8.8	398	QYA	0	0	0	0	40	32.5	1937	70	61	212	0.871	0.288	0.330	13.6	24.33
4510	40.9276	117.9587	-8.7	401	QYA	0	0	0	0	33	32.5	1892	56	151	146	2.696	1.034	0.384	13.7	24.35
4511	40.9276	117.9592	-15.8	404	QYA	0	0	0	0	48	32.6	2023	44	160	214	3.636	0.748	0.206	13.7	24.36
4512	40.9276	117.9596	-25.7	401	QYA	0	0	0	0	34	32.5	1974	86	82	193	0.953	0.425	0.446	13.8	24.33
4513	40.9276	117.9601	-38.2	392	QYA	0	0	0	0	33	32.3	1931	60	101	184	1.683	0.549	0.326	13.7	24.34
4514	40.9276	117.9605	-53.0	380	QYA	0	0	0	0	40	32.1	1939	55	153	171	2.782	0.895	0.322	13.7	24.36
4515	40.9276	117.9610	-67.0	369	QYA	0	0	0	0	46	31.9	1941	67	85	196	1.269	0.434	0.342	13.8	24.36
4516	40.9276	117.9615	-81.9	366	QYA	0	0	0	0	34	31.8	1968	51	133	198	2.608	0.672	0.258	13.9	24.40
4517	40.9276	117.9619	-94.8	365	QYA	0	0	0	0	48	31.8	1998	75	38	212	0.507	0.179	0.354	13.9	24.40
4518	40.9276	117.9624	-107.4	368	QYA	0	0	0	0	39	31.9	1980	51	129	204	2.529	0.632	0.250	13.9	24.40
4519	40.9276	117.9628	-128.3	371	QYA	0	0	0	0	43	32.0	2010	66	85	203	1.288	0.419	0.325	13.8	24.40
4520	40.9276	117.9633	-128.1	375	QYA	0	0	0	0	44	32.0	2079	68	103	239	1.515	0.431	0.285	13.8	24.39
4521	40.9276	117.9638	-143.6	373	QYA	0	0	0	0	37	32.0	1980	44	112	213	2.545	0.526	0.207	13.9	24.37
4522	40.9276	117.9642	-151.4	375	QYA	0	0	0	0	57	32.0	1941	49	96	204	1.959	0.471	0.240	13.8	24.38
4523	40.9276	117.9647	-158.6	374	QYA	0	0	0	0	39	28.5	1988	59	137	186	2.362	0.737	0.312	13.9	24.39
4524	40.9276	117.9651	-166.0	372	QYA	0	0	0	0	41	28.4	1967	65	120	192	1.846	0.625	0.339	13.9	24.38
4525	40.9276	117.9656	-172.5	362	QYA	0	0	0	0	46	28.3	2005	56	73	213	1.304	0.343	0.263	13.9	24.37
4526	40.9276	117.9661	-179.2	355	QYA	0	0	1	0	52	28.1	1968	70	25	219	0.357	0.114	0.320	13.8	24.37
4527	40.9276	117.9665	-184.1	351	QYA	0	0	0	0	44	28.0	1990	62	130	175	2.097	0.743	0.354	13.8	24.37
4528	40.9276	117.9670	-189.8	344	QYA	0	0	0	0	53	27.9	1972	61	79	233	1.295	0.339	0.262	13.8	24.38
4529	40.9276	117.9675	-195.2	344	QYA	0	0	0	0	46	27.9	1919	62	124	182	2.000	0.681	0.341	13.8	24.39
4530	40.9276	117.9679	-200.4	346	QYA	0	0	0	0	50	28.0	1924	55	57	248	1.036	0.230	0.222	13.9	24.40
4531	40.9276	117.9684	-204.0	352	QYA	0	0	0	0	32	28.1	1970	50	125	205	2.500	0.610	0.244	13.9	24.39
4532	40.9276	117.9688	-207.8	358	QYA	0	0	0	0	36	28.2	1966	54	145	183	2.685	0.792	0.295	13.9	24.39
4533	40.9276	117.9693	-211.2	364	QYA	0	0	0	0	49	28.3	2007	73	42	203	0.575	0.207	0.360	14.0	24.38
4534	40.9276	117.9698	-215.5	371	QYA	0	0	0	0	45	28.4	1932	68	123	165	1.809	0.745	0.412	13.9	24.36
4535	40.9276	117.9702	-217.6	378	QYA	0	0	0	0	32	28.5	2005	50	137	230	2.740	0.596	0.217	14.0	24.38
4536	40.9276	117.9707	-220.0	382	QYA	0	0	0	0	45	28.6	1972	65	65	203	1.000	0.320	0.320	14.1	24.39
4537	40.9276	117.9711	-219.8	386	QYA	0	0	0	0	43	28.7	1892	69	35	218	0.478	0.151	0.317	14.2	24.38

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4538	40.9276	117.9716	-225.2	387	QYA	0	0	0	0	32	28.7	1912	58	92	200	1.586	0.460	0.290	14.2	24.40
4539	40.9276	117.9721	-226.4	386	QYA	0	0	0	0	44	28.7	1933	60	155	144	2.583	1.076	0.417	14.1	24.35
4540	40.9276	117.9725	-227.3	387	QYA	0	0	0	0	43	28.7	1863	48	112	200	2.333	0.560	0.240	14.2	24.36
4541	40.9276	117.9730	-228.4	394	QYA	0	0	0	0	37	28.8	1896	61	83	182	1.361	0.456	0.335	14.2	24.34
4542	40.9276	117.9734	-228.5	394	QYA	0	0	0	0	33	30.6	1935	49	104	203	2.122	0.512	0.241	14.2	24.37
4543	40.9276	117.9739	-226.7	389	QYA	0	0	0	0	45	30.5	2033	62	129	179	2.081	0.721	0.346	14.2	24.37
4544	40.9276	117.9744	-226.4	380	QYA	0	0	0	0	38	30.4	2044	68	134	200	1.971	0.670	0.340	14.1	24.35
4545	40.9276	117.9748	-227.8	381	QYA	0	0	0	0	40	30.4	1930	67	71	212	1.060	0.335	0.316	14.0	24.35
4546	40.9276	117.9753	-227.7	381	QYA	0	0	0	0	39	30.4	1899	50	74	215	1.480	0.344	0.233	14.1	24.34
4547	40.9276	117.9757	-227.4	381	QYA	0	0	0	0	51	30.4	1957	57	63	215	1.105	0.293	0.265	14.0	24.34
4548	40.9276	117.9762	-227.3	381	QYA	0	0	0	0	37	30.4	1967	42	195	161	4.643	1.211	0.261	14.1	24.37
4549	40.9276	117.9767	-225.9	382	QYA	0	0	0	0	50	30.4	1903	69	31	186	0.449	0.167	0.371	14.1	24.37
4550	40.9276	117.9771	-225.0	385	QYA	0	0	0	0	33	30.5	1975	54	157	197	2.907	0.797	0.274	14.2	24.39
4551	40.9276	117.9776	-224.3	376	QYA	0	0	0	0	29	30.3	1847	68	75	176	1.103	0.426	0.386	14.1	24.35
4552	40.9276	117.9781	-223.9	371	QYA	0	0	0	0	29	30.2	1958	56	90	206	1.607	0.437	0.272	14.1	24.35
4553	40.9276	117.9785	-221.6	370	QYA	0	0	1	0	38	30.2	1894	62	23	234	0.371	0.098	0.265	14.1	24.39
4554	40.9276	117.9790	-221.4	374	QYA	0	0	0	0	37	30.3	1930	74	84	185	1.135	0.454	0.400	14.2	24.41
4555	40.9276	117.9794	-219.1	370	QYA	0	0	0	0	36	30.2	1948	49	131	194	2.673	0.675	0.253	14.2	24.42
4556	40.9276	117.9799	-219.8	365	QYA	0	0	0	0	46	30.1	1940	62	90	216	1.452	0.417	0.287	14.1	24.40
4557	40.9276	117.9804	-217.5	362	QYA	0	0	0	0	30	30.0	1948	60	34	268	0.567	0.127	0.224	14.0	24.39
4558	40.9276	117.9808	-215.4	356	QYA	0	0	0	0	47	29.9	1940	64	71	212	1.109	0.335	0.302	14.0	24.38
4559	40.9276	117.9813	-213.9	353	QYA	0	0	0	0	38	29.9	1910	60	113	169	1.883	0.669	0.355	14.0	24.39
4560	40.9276	117.9817	-211.6	349	QYA	0	0	0	0	52	29.8	1969	58	119	177	2.052	0.672	0.328	14.0	24.40
4561	40.9276	117.9822	-210.0	346	QYA	0	0	0	0	40	26.4	1892	48	150	169	3.125	0.888	0.284	14.1	24.40
4562	40.9276	117.9827	-208.4	343	QYA	0	0	0	0	45	26.4	1929	60	116	191	1.933	0.607	0.314	14.0	24.39
4563	40.9276	117.9831	-206.8	338	QYA	0	0	0	0	37	26.3	1982	68	85	244	1.250	0.348	0.279	14.0	24.38
4564	40.9276	117.9836	-206.5	334	QYA	0	0	0	0	42	26.2	1915	61	142	140	2.328	1.014	0.436	14.0	24.38
4565	40.9276	117.9840	-204.9	332	QYA	0	0	0	0	50	26.2	1923	60	52	185	0.867	0.281	0.324	14.1	24.41
4566	40.9276	117.9845	-203.3	339	QYA	0	0	0	0	54	26.3	1980	54	98	221	1.815	0.443	0.244	14.1	24.41
4567	40.9276	117.9850	-202.4	346	QYA	0	0	0	0	36	26.4	2006	65	70	240	1.077	0.292	0.271	14.3	24.45
4568	40.9276	117.9854	-198.7	355	QYA	0	0	0	0	46	26.6	1948	53	107	214	2.019	0.500	0.248	14.2	24.40
4569	40.9276	117.9859	-197.8	361	QYA	0	0	0	0	48	26.7	1922	49	85	216	1.735	0.394	0.227	14.2	24.37
4570	40.9276	117.9863	-192.9	367	QYA	0	0	0	0	43	26.8	1915	48	86	217	1.792	0.396	0.221	14.2	24.35
4571	40.9276	117.9868	-192.8	372	QYA	0	0	0	0	31	26.9	1975	73	49	233	0.671	0.210	0.313	14.3	24.37
4572	40.9276	117.9873	-188.6	372	QYA	0	0	0	0	33	26.9	1866	66	93	168	1.409	0.554	0.393	14.3	24.40
4573	40.9276	117.9877	-187.1	368	QYA	0	0	0	0	54	26.8	1964	62	42	235	0.677	0.179	0.264	14.4	24.41
4574	40.9276	117.9882	-186.2	367	QYA	0	0	0	0	32	26.8	1948	56	41	249	0.732	0.165	0.225	14.3	24.40
4575	40.9276	117.9887	-184.7	365	QYA	0	0	0	0	52	26.7	1939	53	82	204	1.547	0.402	0.260	14.2	24.39
4576	40.9276	117.9891	-184.6	361	QYA	0	0	0	0	37	26.7	1837	40	213	170	5.325	1.253	0.235	14.2	24.35
4577	40.9276	117.9896	-183.0	358	QYA	0	0	0	0	52	26.6	1880	67	34	225	0.531	0.151	0.284	14.2	24.37
4578	40.9276	117.9900	-182.1	361	QYA	0	0	0	0	36	26.7	2021	56	157	207	2.804	0.758	0.271	14.3	24.39
4579	40.9276	117.9905	-181.5	368	QYA	0	0	0	0	44	26.8	1890	51	143	154	2.804	0.929	0.331	14.2	24.39
4580	40.9276	117.9910	-181.5	376	QYA	0	0	0	0	38	26.7	1899	56	124	187	2.214	0.663	0.299	14.2	24.36
4581	40.9276	117.9914	-181.2	382	QYA	0	0	0	0	40	26.8	1916	67	65	206	0.970	0.316	0.325	14.2	24.35
4582	40.9276	117.9919	-181.0	385	QYA	0	0	0	0	39	26.9	1857	67	131	121	1.955	1.083	0.554	14.2	24.34
4583	40.9276	117.9923	-179.7	385	QYA	0	0	0	0	47	26.9	1864	45	119	178	2.644	0.669	0.253	14.2	24.35
4584	40.9276	117.9928	-177.5	387	QYA	0	0	0	0	42	26.9	1918	61	76	192	1.246	0.396	0.318	14.3	24.40
4585	40.9276	117.9933	-177.2	385	QYA	0	0	0	0	40	26.9	1931	77	75	177	0.974	0.424	0.435	14.2	24.35
4586	40.9276	117.9937	-178.4	381	QYA	0	0	0	0	37	26.8	1884	59	131	171	2.220	0.766	0.345	14.2	24.36
4587	40.9276	117.9942	-176.3	379	QYA	0	0	0	0	34	26.8	1973	52	87	228	1.673	0.382	0.228	14.2	24.35
4588	40.9276	117.9946	-176.3	374	QYA	0	0	0	0	43	26.7	1940	51	117	169	2.294	0.692	0.302	14.3	24.36
4589	40.9276	117.9951	-174.3	380	QYA	0	0	0	0	33	26.8	1979	76	56	215	0.737	0.260	0.353	14.3	24.39
4590	40.9276	117.9956	-173.2	381	QYA	0	0	0	0	36	26.8	1979	68	80	205	1.176	0.390	0.332	14.3	24.37
4591	40.9276	117.9960	-173.1	384	QYA	0	0	0	0	28	26.9	1978	62	121	207	1.952	0.585	0.300	14.3	24.39

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4592	40.9276	117.9965	-172.8	382	QYA	0	0	0	0	40	26.8	2010	51	154	186	3.020	0.828	0.274	14.3	24.38
4593	40.9276	117.9969	-172.5	377	QYA	0	0	0	0	49	26.7	1896	52	87	191	1.673	0.455	0.272	14.3	24.37
4594	40.9276	117.9974	-171.4	369	QYA	0	0	0	0	35	26.6	1932	43	164	178	3.814	0.921	0.242	14.3	24.39
4595	40.9276	117.9979	-171.6	365	QYA	0	0	0	0	42	26.5	1903	73	43	207	0.589	0.208	0.353	14.3	24.40
4596	40.9276	117.9983	-171.3	367	QYA	0	0	0	0	48	26.6	1936	60	144	156	2.400	0.923	0.385	14.4	24.39
4597	40.9276	117.9988	-170.1	373	QYA	0	0	0	0	50	26.7	1970	53	167	190	3.151	0.879	0.279	14.3	24.38
4598	40.9276	117.9993	-169.5	378	QYA	0	0	0	0	38	26.8	1937	48	157	186	3.271	0.844	0.258	14.3	24.37
4599	40.9276	117.9997	-170.1	377	QYA	0	0	0	0	53	24.8	1949	41	165	161	4.024	1.025	0.255	14.3	24.36
4600	40.9276	118.0002	-172.0	384	NA	0	0	0	0	43	24.9	1983	57	136	169	2.386	0.805	0.337	14.3	24.34
4601	40.9276	118.0006	-173.0	393	NA	0	0	0	0	39	25.1	1840	51	90	185	1.765	0.486	0.276	14.4	24.36
4602	40.9276	118.0011	-173.9	395	NA	0	0	0	0	35	25.1	1883	56	219	120	3.911	1.825	0.467	14.5	24.36
4603	40.9276	118.0016	-174.6	391	NA	0	0	0	0	46	25.0	1860	57	55	220	0.965	0.250	0.259	14.4	24.38
4604	40.9276	118.0020	-176.5	384	NA	0	0	0	0	43	24.9	1923	53	163	153	3.075	1.065	0.346	14.3	24.35
4605	40.9276	118.0025	-176.5	381	NA	0	0	0	0	51	24.9	1929	65	107	148	1.646	0.723	0.439	14.4	24.37
4606	40.9276	118.0029	-175.4	378	NA	0	0	0	0	42	24.8	1996	60	160	149	2.667	1.074	0.403	14.4	24.37
4607	40.9276	118.0034	-174.5	379	NA	0	0	0	0	50	24.9	1892	55	97	178	1.764	0.545	0.309	14.4	24.37
4608	40.9276	118.0039	-173.9	379	NA	0	0	0	0	32	24.9	1936	77	96	168	1.247	0.571	0.458	14.4	24.38
4609	40.9276	118.0043	-172.6	374	NA	0	0	0	0	29	24.8	1952	73	121	181	1.658	0.669	0.403	14.4	24.40
4610	40.9276	118.0048	-170.8	367	NA	0	0	0	0	50	24.7	1959	68	90	198	1.324	0.455	0.343	14.4	24.39
4611	40.9276	118.0052	-173.0	363	NA	0	0	0	0	42	24.6	1905	65	87	192	1.338	0.453	0.339	14.4	24.39
4612	40.9276	118.0057	-171.2	363	NA	0	0	0	0	46	24.6	1969	57	149	157	2.614	0.949	0.363	14.3	24.39
4613	40.9276	118.0062	-171.3	368	NA	0	0	0	0	42	24.7	1980	67	59	198	0.881	0.298	0.338	14.3	24.37
4614	40.9276	118.0066	-170.8	379	NA	0	0	0	0	36	24.9	1958	49	130	178	2.653	0.730	0.275	14.3	24.38
4615	40.9276	118.0071	-170.4	383	NA	0	0	0	0	42	24.9	1995	46	207	143	4.500	1.448	0.322	14.4	24.38
4616	40.9276	118.0075	-170.3	387	NA	0	0	0	0	44	25.0	1844	40	92	209	2.300	0.440	0.191	14.3	24.37
4617	40.9276	118.0080	-170.0	384	NA	0	0	0	0	39	24.9	2042	47	154	195	3.277	0.790	0.241	14.2	24.36
4618	40.9276	118.0085	-170.6	384	NA	0	0	0	0	42	24.4	1919	60	80	218	1.333	0.367	0.275	14.2	24.37
4619	40.9276	118.0089	-170.5	383	NA	0	0	0	0	41	24.3	1816	58	127	153	2.190	0.830	0.379	14.2	24.35
4620	40.9276	118.0094	-171.1	390	NA	0	0	0	0	40	24.4	1866	94	29	160	0.309	0.181	0.587	14.2	24.34
4621	40.9276	118.0099	-170.3	391	NA	0	0	0	0	48	24.5	1885	73	79	166	1.082	0.476	0.440	14.3	24.36
4622	40.9276	118.0103	-170.2	388	NA	0	0	0	0	38	24.4	1975	50	128	210	2.560	0.610	0.238	14.3	24.37
4623	40.9276	118.0108	-168.6	387	NA	0	0	0	0	49	24.4	1952	56	85	203	1.518	0.419	0.276	14.2	24.38
4624	40.9276	118.0112	-168.1	379	NA	0	0	0	0	42	24.3	1973	73	105	177	1.438	0.593	0.412	14.2	24.37
4625	40.9276	118.0117	-169.2	374	NA	0	0	0	0	31	24.2	1913	64	135	152	2.109	0.888	0.421	14.2	24.36
4626	40.9276	118.0122	-169.2	366	NA	0	0	0	0	32	24.1	1923	82	78	183	0.951	0.426	0.448	14.2	24.38
4627	40.9276	118.0126	-168.6	362	NA	0	0	0	0	40	24.0	1921	53	160	177	3.019	0.904	0.299	14.3	24.39
4628	40.9276	118.0131	-169.0	361	NA	0	0	0	0	46	24.0	1976	78	68	237	0.872	0.287	0.329	14.2	24.40
4629	40.9276	118.0135	-169.4	367	NA	0	0	0	0	43	24.1	1898	47	170	180	3.617	0.944	0.261	14.3	24.39
4630	40.9276	118.0140	-169.6	365	NA	0	0	0	0	43	24.1	1921	63	60	190	0.952	0.316	0.332	14.3	24.37
4631	40.9276	118.0145	-169.4	366	NA	0	0	0	0	56	24.1	1923	65	69	205	1.095	0.337	0.307	14.2	24.37
4632	40.9276	118.0149	-170.4	361	NA	0	0	0	0	46	24.0	2006	68	105	204	1.544	0.515	0.333	14.2	24.37
4633	40.9276	118.0154	-170.0	367	NA	0	0	0	0	44	24.1	1979	44	148	203	3.364	0.729	0.217	14.2	24.37
4634	40.9276	118.0158	-170.1	376	NA	0	0	0	0	44	24.2	1951	46	112	216	2.435	0.519	0.213	14.3	24.37
4635	40.9276	118.0163	-169.9	380	NA	0	0	0	0	40	24.3	1913	57	141	194	2.474	0.727	0.294	14.3	24.39
4636	40.9276	118.0168	-170.9	372	NA	0	0	0	0	47	24.2	1919	36	144	177	4.000	0.814	0.203	14.2	24.35
4637	40.9276	118.0172	-172.1	370	NA	0	0	0	0	58	28.6	1900	65	89	211	1.369	0.422	0.308	14.2	24.35
4638	40.9276	118.0177	-176.2	373	NA	0	0	0	0	42	28.7	1895	37	120	184	3.243	0.652	0.201	14.2	24.36
4639	40.9276	118.0181	-176.1	373	NA	0	0	0	0	35	28.7	1993	51	180	198	3.529	0.909	0.258	14.2	24.35
4640	40.9276	118.0186	-177.4	380	NA	0	0	0	0	38	28.8	2008	76	73	185	0.961	0.395	0.411	14.3	24.39
4641	40.9276	118.0191	-178.8	385	NA	0	0	0	0	33	28.9	1947	70	86	206	1.229	0.417	0.340	14.3	24.37
4642	40.9276	118.0195	-180.6	391	NA	0	0	0	0	43	29.0	2000	62	109	190	1.758	0.574	0.326	14.2	24.36
4643	40.9276	118.0200	-182.5	390	NA	0	0	0	0	43	29.0	1902	56	103	177	1.839	0.582	0.316	14.2	24.35
4644	40.9276	118.0205	-182.9	388	NA	0	0	0	0	45	28.9	1907	53	76	223	1.434	0.341	0.238	14.2	24.36
4645	40.9276	118.0209	-184.8	392	NA	0	0	0	0	55	29.0	1949	79	64	188	0.810	0.340	0.420	14.3	24.37

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4646	40.9276	118.0214	-187.7	398	NA	0	0	0	0	49	29.1	1931	55	115	166	2.091	0.693	0.331	14.3	24.39
4647	40.9276	118.0218	-189.5	405	NA	0	0	0	0	34	29.2	1908	61	62	203	1.016	0.305	0.300	14.3	24.38
4648	40.9276	118.0223	-191.9	409	NA	0	0	0	0	54	29.3	1946	33	100	232	3.030	0.431	0.142	14.3	24.35
4649	40.9276	118.0228	-193.5	409	NA	0	0	0	0	45	29.3	1962	61	154	166	2.525	0.928	0.367	14.2	24.36
4650	40.9276	118.0232	-194.6	411	NA	0	0	0	0	34	29.4	1865	73	41	199	0.562	0.206	0.367	14.2	24.35
4651	40.9276	118.0237	-196.8	415	NA	0	0	0	0	40	29.4	1953	69	54	207	0.783	0.261	0.333	14.2	24.35
4652	40.9276	118.0241	-198.1	420	NA	0	0	0	0	38	29.5	1895	66	59	208	0.894	0.284	0.317	14.3	24.38
4653	40.9276	118.0246	-200.5	419	NA	0	0	0	0	40	29.5	1976	52	98	170	1.885	0.576	0.306	14.2	24.36
4654	40.9276	118.0251	-202.1	423	NA	0	0	0	0	36	29.5	2026	47	171	178	3.638	0.961	0.264	14.1	24.36
4655	40.9276	118.0255	-206.0	427	NA	0	0	0	0	39	29.6	1947	63	96	166	1.524	0.578	0.380	14.0	24.35
4656	40.9276	118.0260	-205.9	433	NA	0	0	0	0	41	29.7	2023	54	98	202	1.815	0.485	0.267	14.0	24.31
4657	40.9276	118.0264	-209.7	443	NA	0	0	0	0	30	29.9	1880	69	39	184	0.565	0.212	0.375	14.1	24.33
4658	40.9276	118.0269	-211.0	451	NA	0	0	0	0	44	30.0	1855	63	70	193	1.111	0.363	0.326	14.0	24.32
4659	40.9276	118.0274	-211.6	457	NA	0	0	0	0	36	30.1	1900	64	37	204	0.578	0.181	0.314	14.1	24.32
4660	40.9276	118.0278	-211.8	455	NA	0	0	0	0	29	30.1	1841	55	113	141	2.055	0.801	0.390	14.0	24.31
4661	40.9276	118.0283	-212.9	452	NA	0	0	0	0	51	30.0	1938	52	133	137	2.558	0.971	0.380	14.0	24.31
4662	40.9276	118.0287	-215.3	453	NA	0	0	0	0	36	30.0	1917	51	106	190	2.078	0.558	0.268	13.9	24.31
4663	40.9276	118.0292	-215.7	455	NA	0	0	0	0	50	30.1	1964	64	57	201	0.891	0.284	0.318	14.0	24.32
4664	40.9276	118.0297	-217.4	448	NA	0	0	0	0	40	30.0	1864	59	108	155	1.831	0.697	0.381	14.0	24.32
4665	40.9276	118.0301	-218.1	448	NA	0	0	0	0	42	30.0	1875	65	115	153	1.769	0.752	0.425	14.0	24.34
4666	40.9276	118.0306	-219.5	442	NA	0	0	0	0	38	29.9	1924	71	99	180	1.394	0.550	0.394	13.9	24.34
4667	40.9276	118.0311	-220.7	438	NA	0	0	0	0	28	29.8	1918	66	85	191	1.288	0.445	0.346	14.0	24.33
4668	40.9276	118.0315	-221.9	430	NA	0	0	0	0	34	29.7	1847	68	135	132	1.985	1.023	0.515	13.9	24.34
4669	40.9276	118.0320	-223.6	426	NA	0	0	0	0	47	29.6	1852	56	41	202	0.732	0.203	0.277	14.1	24.38
4670	40.9276	118.0324	-225.0	426	NA	0	0	0	0	43	29.6	1902	54	93	208	1.722	0.447	0.260	14.1	24.37
4671	40.9276	118.0329	-226.1	435	NA	0	0	0	0	34	29.7	1952	49	157	166	3.204	0.946	0.295	14.1	24.37
4672	40.9276	118.0334	-227.2	441	NA	0	0	0	0	42	29.8	1970	54	107	196	1.981	0.546	0.276	14.0	24.33
4673	40.9276	118.0338	-227.1	435	NA	0	0	0	0	47	29.7	1901	60	83	187	1.383	0.444	0.321	14.0	24.34
4674	40.9276	118.0343	-231.3	435	NA	0	0	0	0	37	29.7	1929	61	86	183	1.410	0.470	0.333	13.9	24.35

1 GEODATA INT. INC. SINGLE REC LISTING WINNEMUCCA MAP LINE 22

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
550	40.9836	117.9848	-184.3	367	QOA1	0	0	0	0	43	23.1	1938	56	134	189	2.393	0.709	0.296	12.3	24.33
551	40.9836	117.9844	-182.9	368	QOA1	0	0	0	0	52	23.2	1856	46	106	195	2.304	0.544	0.236	12.3	24.32
552	40.9836	117.9839	-180.8	369	QOA1	0	0	0	0	29	23.2	1918	53	130	164	2.453	0.793	0.323	12.3	24.33
553	40.9836	117.9835	-176.6	374	QOA1	0	0	0	0	41	23.2	1892	68	98	185	1.441	0.530	0.368	12.3	24.32
554	40.9836	117.9835	-171.8	379	QOA1	0	0	0	0	44	23.3	1894	41	147	168	3.585	0.875	0.244	12.3	24.31
555	40.9836	117.9826	-166.2	381	QOA1	0	0	0	0	56	23.3	1864	54	65	185	1.204	0.351	0.292	12.3	24.32
556	40.9836	117.9821	-159.3	387	QOA1	0	0	0	0	50	23.4	1838	57	50	197	0.877	0.254	0.289	12.4	24.33
557	40.9836	117.9816	-156.6	391	QOA1	0	0	0	0	45	23.5	1909	64	107	179	1.672	0.598	0.358	12.4	24.30
558	40.9836	117.9812	-152.7	390	QOA1	0	0	0	0	51	23.5	1912	73	98	168	1.342	0.583	0.435	12.4	24.32
559	40.9836	117.9807	-151.0	389	QOA1	0	0	0	0	38	23.5	1876	56	119	147	2.125	0.810	0.381	12.4	24.34
560	40.9836	117.9803	-151.6	389	QOA1	0	0	0	0	46	23.4	1915	49	98	236	2.000	0.415	0.208	12.4	24.33
561	40.9836	117.9798	-154.0	392	QOA1	0	0	0	0	46	23.5	1996	60	99	197	1.650	0.503	0.305	12.4	24.32
562	40.9836	117.9794	-157.5	394	QOA1	0	0	0	0	58	23.5	1971	53	78	207	1.472	0.377	0.256	12.4	24.33
563	40.9836	117.9789	-162.4	393	QOA1	0	0	0	0	43	23.5	1899	64	29	206	0.453	0.141	0.311	12.4	24.33
564	40.9836	117.9785	-168.3	393	QOA1	0	0	0	0	51	23.5	1929	47	95	208	2.021	0.457	0.226	12.4	24.33
565	40.9836	117.9780	-177.2	387	QOA1	0	0	0	0	46	23.4	1909	49	114	182	2.327	0.626	0.269	12.4	24.33
566	40.9836	117.9776	-193.0	383	QOA1	0	0	0	0	52	23.4	2038	61	133	162	2.180	0.821	0.377	12.4	24.35
567	40.9836	117.9771	-201.7	376	QOA1	0	0	0	0	39	23.3	1982	73	115	156	1.575	0.737	0.468	12.3	24.35
568	40.9836	117.9767	-207.8	373	QOA1	0	0	0	0	40	23.2	1924	57	159	143	2.789	1.112	0.399	12.3	24.33
569	40.9836	117.9762	-207.5	368	QOA1	0	0	0	0	59	23.2	1926	68	69	199	1.015	0.347	0.342	12.3	24.34
570	40.9836	117.9757	-202.3	364	QOA1	0	0	0	0	54	23.1	1967	57	44	228	0.772	0.193	0.250	12.2	24.33
571	40.9836	117.9753	-189.7	358	QOA1	0	0	0	0	39	27.4	1912	60	125	189	2.083	0.661	0.317	12.2	24.33
572	40.9836	117.9748	-172.9	355	QOA1	0	0	0	0	33	27.4	1915	54	126	174	2.333	0.724	0.310	12.2	24.33
573	40.9836	117.9744	-150.8	349	QOA1	0	0	0	0	36	27.3	1867	57	58	211	1.018	0.275	0.270	12.2	24.32
574	40.9836	117.9739	-127.9	344	QOA1	0	0	0	0	38	27.2	1933	54	90	224	1.667	0.402	0.241	12.2	24.31
575	40.9836	117.9735	-105.1	337	QOA1	0	0	0	0	44	27.1	1935	64	89	211	1.391	0.422	0.303	12.2	24.31
576	40.9836	117.9730	-88.0	332	QOA1	0	0	0	0	37	27.0	1943	72	61	214	0.847	0.285	0.336	12.2	24.33
577	40.9836	117.9726	-74.8	334	QOA1	0	0	0	0	49	27.0	1871	49	112	191	2.286	0.586	0.257	12.2	24.34
578	40.9836	117.9721	-69.9	338	QOA1	0	0	0	0	32	27.1	1939	59	64	219	1.085	0.292	0.269	12.3	24.35
579	40.9836	117.9717	-70.9	344	QOA1	0	0	0	0	55	27.2	1923	50	88	198	1.760	0.444	0.253	12.2	24.32
580	40.9836	117.9712	-77.2	347	QOA1	0	0	0	0	47	27.2	1967	70	68	189	0.971	0.360	0.370	12.3	24.34
581	40.9836	117.9708	-89.1	349	QOA1	0	0	0	0	38	27.3	1890	67	73	206	1.090	0.354	0.325	12.3	24.35
582	40.9836	117.9703	-129.6	353	QOA1	0	0	0	0	52	27.3	1972	50	75	220	1.500	0.341	0.227	12.4	24.36
583	40.9836	117.9699	-155.5	351	QYA	0	0	0	0	42	27.3	1978	53	120	207	2.264	0.580	0.256	12.3	24.37
584	40.9836	117.9694	-180.1	351	QYA	0	0	0	0	40	27.3	1939	74	77	180	1.041	0.428	0.411	12.3	24.35
585	40.9836	117.9689	-200.7	351	QYA	0	0	0	0	43	27.3	1976	55	105	208	1.909	0.505	0.264	12.3	24.36
586	40.9836	117.9685	-216.6	351	QYA	0	0	0	0	43	27.3	1947	67	115	167	1.716	0.689	0.401	12.3	24.33
587	40.9836	117.9680	-226.4	350	QYA	0	0	0	0	47	27.3	1922	56	73	200	1.304	0.365	0.280	12.3	24.34
588	40.9836	117.9676	-228.7	356	QYA	0	0	1	0	39	27.4	1928	63	24	260	0.381	0.092	0.242	12.3	24.33
589	40.9836	117.9671	-223.0	358	QYA	0	0	0	0	40	27.4	1882	55	76	190	1.382	0.400	0.289	12.3	24.31
590	40.9836	117.9667	-213.4	358	QYA	0	0	0	0	48	30.4	1975	65	104	193	1.600	0.539	0.337	12.2	24.30
591	40.9836	117.9662	-203.8	355	QYA	0	0	0	0	57	30.4	1962	60	145	117	2.417	1.239	0.513	12.2	24.29
592	40.9836	117.9658	-197.2	350	QYA	0	0	0	0	32	30.3	1998	71	76	193	1.070	0.394	0.368	12.2	24.29
593	40.9836	117.9653	-196.8	346	QYA	0	0	0	0	36	30.2	2057	61	110	192	1.803	0.573	0.318	12.2	24.30
594	40.9836	117.9649	-201.2	342	QYA	0	0	0	0	43	30.1	1950	72	137	151	1.903	0.907	0.477	12.2	24.30
595	40.9836	117.9644	-205.9	333	QYA	0	0	0	0	51	30.0	2033	77	58	217	0.753	0.267	0.355	12.2	24.30
596	40.9836	117.9640	-205.0	326	QYA	0	0	0	0	44	29.8	1993	77	126	156	1.636	0.808	0.494	12.1	24.29
597	40.9836	117.9635	-185.3	330	QYA	0	0	0	0	34	29.9	1882	57	99	200	1.737	0.495	0.285	12.2	24.29
598	40.9836	117.9631	-185.4	334	QYA	0	0	0	0	49	30.0	2030	70	117	188	1.671	0.622	0.372	12.2	24.28
599	40.9836	117.9626	-181.2	339	QYA	0	0	0	0	52	30.1	1974	67	79	153	1.179	0.516	0.438	12.2	24.29
600	40.9836	117.9621	-206.5	343	QYA	0	0	0	0	35	30.2	1989	73	126	173	1.726	0.728	0.422	12.2	24.29
601	40.9836	117.9617	-237.6	347	QYA	0	0	0	0	39	30.2	2002	52	137	168	2.635	0.815	0.310	12.2	24.30
602	40.9836	117.9612	-248.9	348	QYA	0	0	0	0	32	30.3	2027	63	128	172	2.032	0.744	0.366	12.3	24.29
603	40.9836	117.9608	-238.0	348	QYA	0	0	0	0	46	30.3	1963	73	67	194	0.918	0.345	0.376	12.3	24.28

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
604	40.9836	117.9603	-204.9	350	QYA	0	0	0	0	50	30.3	1971	71	108	162	1.521	0.667	0.438	12.3	24.27
605	40.9836	117.9599	-164.7	348	QYA	0	0	1	0	39	30.3	1892	70	-38	250	-0.543	-0.152	0.280	12.3	24.28
606	40.9836	117.9594	-134.1	346	QYA	0	0	0	0	32	30.2	1943	65	147	164	2.262	0.896	0.396	12.2	24.26
607	40.9836	117.9590	-107.8	331	QYA	0	0	0	0	43	29.9	1870	69	150	128	2.174	1.172	0.539	12.3	24.27
608	40.9836	117.9585	-69.7	302	QYA	0	0	0	0	36	29.4	1946	61	64	217	1.049	0.295	0.281	12.2	24.26
609	40.9836	117.9581	-18.4	289	QYA	0	0	0	0	54	29.6	1805	58	91	172	1.569	0.529	0.337	12.1	24.25
610	40.9836	117.9576	22.6	294	QYA	0	0	0	0	38	29.7	1771	78	48	157	0.615	0.306	0.497	12.1	24.27
611	40.9836	117.9572	29.1	278	QYA	0	0	0	0	44	29.3	1781	58	81	192	1.397	0.422	0.302	12.1	24.27
612	40.9836	117.9567	17.7	276	QYA	0	0	0	0	48	29.3	1739	51	36	214	0.706	0.168	0.238	12.0	24.25
613	40.9836	117.9563	-34.8	289	QYA	0	0	0	0	44	29.6	1718	43	46	222	1.070	0.207	0.194	12.0	24.25
614	40.9836	117.9558	-133.4	314	QYA	0	0	0	0	41	30.1	1744	63	66	156	1.048	0.423	0.404	12.0	24.24
615	40.9836	117.9553	-321.3	337	QYA	0	0	0	0	42	30.6	1925	65	106	167	1.631	0.635	0.389	12.0	24.25
616	40.9836	117.9549	-362.6	350	QYA	0	0	0	0	38	30.8	1907	66	97	160	1.470	0.606	0.413	11.9	24.24
617	40.9836	117.9544	-380.9	355	QYA	0	0	0	0	31	30.9	2066	53	150	198	2.830	0.758	0.268	11.9	24.24
618	40.9836	117.9540	-394.2	352	QYA	0	0	0	0	27	30.8	1964	71	98	185	1.380	0.530	0.384	11.9	24.23
619	40.9836	117.9535	-414.1	349	QYA	0	0	0	0	41	30.8	2021	58	135	192	2.328	0.703	0.302	11.9	24.25
620	40.9836	117.9531	-441.0	343	QYA	0	0	0	0	46	30.7	1955	65	186	134	2.862	1.388	0.485	11.8	24.23
621	40.9836	117.9526	-455.2	337	QYA	0	0	0	0	46	30.6	1983	77	77	194	1.000	0.397	0.397	11.8	24.22
622	40.9836	117.9522	-423.1	327	QYA	0	0	0	0	58	30.3	1914	61	89	187	1.459	0.476	0.326	11.8	24.21
623	40.9836	117.9517	-347.4	307	QYA	0	0	0	0	38	29.9	1850	65	104	161	1.600	0.646	0.404	11.7	24.21
624	40.9836	117.9513	-258.2	285	QYA	0	0	0	0	45	29.5	1814	48	71	191	1.479	0.372	0.251	11.7	24.21
625	40.9836	117.9508	-171.6	269	QYA	0	0	0	0	36	29.1	1856	62	90	190	1.452	0.474	0.326	11.7	24.22
626	40.9836	117.9504	-100.8	254	QYA	0	0	0	0	34	28.8	1742	56	62	193	1.107	0.321	0.290	11.6	24.21
627	40.9836	117.9499	-21.7	254	QYA	0	0	0	0	34	28.8	1777	68	74	164	1.088	0.451	0.415	11.6	24.23
628	40.9836	117.9494	3.8	273	QYA	0	0	0	0	59	29.9	1790	52	109	191	2.096	0.571	0.272	11.6	24.21
629	40.9836	117.9490	-41.4	285	QYA	0	0	0	0	35	30.2	1877	53	73	210	1.377	0.348	0.252	11.6	24.22
630	40.9836	117.9485	-59.8	274	QYA	0	0	0	0	47	29.9	1844	66	95	155	1.439	0.613	0.426	11.5	24.21
631	40.9836	117.9481	18.3	279	QYA	0	0	0	0	35	30.0	1863	57	120	187	2.105	0.642	0.305	11.6	24.23
632	40.9836	117.9476	27.4	296	QYA	0	0	0	0	46	30.4	1864	55	111	146	2.018	0.760	0.377	11.6	24.21
633	40.9836	117.9472	16.5	323	QYA	0	0	0	0	49	31.0	1803	50	145	119	2.900	1.218	0.420	11.6	24.19
634	40.9836	117.9467	-37.5	363	QYA	0	0	0	0	35	31.8	1884	50	125	176	2.500	0.710	0.284	11.6	24.19
635	40.9836	117.9463	-110.6	393	QYA	0	0	0	0	37	32.4	1934	59	89	207	1.508	0.430	0.285	11.6	24.22
636	40.9836	117.9458	-174.9	401	QYA	0	0	0	0	39	32.5	1916	58	51	230	0.879	0.222	0.252	11.6	24.21
637	40.9836	117.9454	-219.2	410	QYA	0	0	0	0	38	32.7	1909	52	69	199	1.327	0.347	0.261	11.6	24.21
638	40.9836	117.9449	-243.5	417	QYA	0	0	0	0	29	32.8	1934	59	136	152	2.305	0.895	0.388	11.6	24.21
639	40.9836	117.9445	-248.5	426	QYA	0	0	0	0	52	33.0	1968	59	112	171	1.898	0.655	0.345	11.5	24.21
640	40.9836	117.9440	-242.7	436	QYA	0	0	0	0	51	33.2	1984	74	62	180	0.838	0.344	0.411	11.6	24.21
641	40.9836	117.9436	-231.8	448	QYA	0	0	0	0	46	33.4	1864	65	56	185	0.862	0.303	0.351	11.7	24.20
642	40.9836	117.9431	-216.0	457	QYA	0	0	0	0	49	33.6	1902	57	94	137	1.649	0.686	0.416	11.6	24.21
643	40.9836	117.9426	-195.8	462	QYA	0	0	0	0	46	33.7	1954	60	130	140	2.167	0.929	0.429	11.7	24.22
644	40.9836	117.9422	-174.6	471	QYA	0	0	1	0	47	33.8	1946	70	5	233	0.071	0.021	0.300	11.7	24.22
645	40.9836	117.9417	-154.9	480	QYA	0	0	0	0	41	34.0	1965	56	87	197	1.554	0.442	0.284	11.7	24.21
646	40.9836	117.9413	-128.9	489	QYA	0	0	0	0	38	34.1	1898	73	118	120	1.616	0.983	0.608	11.7	24.21
647	40.9836	117.9408	-129.0	493	TRQM	0	0	0	0	54	30.1	1956	64	117	151	1.828	0.775	0.424	11.7	24.19
648	40.9836	117.9404	-108.6	494	TRQM	0	0	0	0	38	30.1	1861	55	77	152	1.400	0.507	0.362	11.7	24.18
649	40.9836	117.9399	-101.2	495	TRQM	0	0	0	0	48	30.1	1828	53	90	160	1.698	0.563	0.331	11.7	24.18
650	40.9836	117.9395	-92.0	497	TRQM	0	0	0	0	53	30.1	1897	48	74	164	1.542	0.451	0.293	11.7	24.18
651	40.9836	117.9390	-84.4	495	TRQM	0	0	0	0	37	30.1	1847	58	60	200	1.034	0.300	0.290	11.7	24.19
652	40.9836	117.9386	-79.0	493	TRQM	0	0	0	0	56	30.1	1930	61	93	146	1.525	0.637	0.418	11.7	24.18
653	40.9836	117.9381	-76.8	493	TRQM	0	0	0	0	41	30.1	1918	67	95	121	1.418	0.785	0.554	11.7	24.17
654	40.9836	117.9377	-78.4	493	TRQM	0	0	0	0	41	30.1	1899	84	46	170	0.548	0.271	0.494	11.7	24.19
655	40.9836	117.9372	-87.1	490	TRQM	0	0	0	0	28	30.0	1857	57	108	183	1.895	0.590	0.311	11.6	24.21
656	40.9836	117.9368	-98.9	490	TRQM	0	0	0	0	58	30.0	1883	46	150	96	3.261	1.563	0.479	11.7	24.20
657	40.9836	117.9363	-110.8	488	TRQM	0	0	0	0	52	30.0	1915	41	123	164	3.000	0.750	0.250	11.7	24.19

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
658	40.9836	117.9358	-126.9	487	TRQM	0	0	0	0	36	30.0	1827	39	81	212	2.077	0.382	0.184	11.7	24.19
659	40.9836	117.9354	-141.5	487	TRQM	0	0	0	0	41	30.0	1914	74	117	129	1.581	0.907	0.574	11.7	24.20
660	40.9836	117.9349	-155.6	486	TRQM	0	0	1	0	45	30.0	1888	78	-9	197	-0.115	-0.046	0.396	11.7	24.18
661	40.9836	117.9345	-169.5	484	TRQM	0	0	0	0	46	29.9	1896	37	125	197	3.378	0.635	0.188	11.7	24.21
662	40.9836	117.9340	-182.9	478	TRQM	0	0	0	0	44	29.8	1889	69	102	142	1.478	0.718	0.486	11.7	24.21
663	40.9836	117.9336	-193.3	470	TRQM	0	0	0	0	42	29.7	1910	65	92	154	1.415	0.597	0.422	11.7	24.23
664	40.9836	117.9331	-206.4	465	TRQM	0	0	0	0	45	29.6	1851	57	36	202	0.632	0.178	0.282	11.7	24.24
665	40.9836	117.9327	-207.1	457	TRQM	0	0	0	0	31	29.5	1870	52	128	169	2.462	0.757	0.308	11.7	24.25
666	40.9836	117.9322	-204.3	449	TRQM	0	0	0	0	45	32.0	2017	78	58	188	0.744	0.309	0.415	11.7	24.27
667	40.9836	117.9318	-196.4	443	TRQM	0	0	0	0	43	31.9	1946	46	172	126	3.739	1.365	0.365	11.8	24.27
668	40.9836	117.9313	-185.8	438	TRQM	0	0	0	0	51	31.8	1969	52	118	173	2.269	0.682	0.301	11.8	24.29
669	40.9836	117.9309	-173.5	427	TRQM	0	0	0	0	41	31.7	2006	71	31	215	0.437	0.144	0.330	11.8	24.29
670	40.9836	117.9304	-161.2	418	TRQM	0	0	0	0	48	31.5	1950	53	99	204	1.868	0.485	0.260	11.9	24.32
671	40.9836	117.9300	-151.5	416	TRQM	0	0	0	0	30	31.5	1877	45	78	177	1.733	0.441	0.254	11.9	24.33
672	40.9836	117.9295	-145.4	410	TRQM	0	0	0	0	37	31.3	2004	65	160	144	2.462	1.111	0.451	12.0	24.32
673	40.9836	117.9290	-142.3	405	TRQM	0	0	0	0	38	31.3	1974	54	187	119	3.463	1.571	0.454	11.9	24.33
674	40.9836	117.9286	-142.4	400	TRQM	0	0	0	0	49	31.2	1910	45	147	172	3.267	0.855	0.262	12.0	24.34
675	40.9836	117.9281	-145.0	405	TRQM	0	0	0	0	36	31.3	1833	53	53	220	1.000	0.241	0.241	12.0	24.34
676	40.9836	117.9277	-148.9	406	TRQM	0	0	0	0	41	31.3	1952	68	102	166	1.500	0.614	0.410	12.1	24.36
677	40.9836	117.9272	-153.7	409	TRQM	0	0	0	0	53	31.3	1867	66	53	173	0.803	0.306	0.382	12.0	24.31
678	40.9836	117.9268	-157.5	409	TRQM	0	0	0	0	39	31.3	1979	57	134	166	2.351	0.807	0.343	12.1	24.32
679	40.9836	117.9263	-159.1	413	TRQM	0	0	0	0	43	31.4	1919	56	54	221	0.964	0.244	0.253	12.0	24.31
680	40.9836	117.9259	-161.1	420	TRQM	0	0	0	0	38	31.5	1959	50	172	158	3.440	1.089	0.316	12.1	24.31
681	40.9836	117.9254	-160.5	423	TRQM	0	0	0	0	46	31.6	1911	54	120	171	2.222	0.702	0.316	12.0	24.29
682	40.9836	117.9250	-160.3	427	TRQM	0	0	0	0	40	31.6	1878	72	75	178	1.042	0.421	0.404	12.1	24.27
683	40.9836	117.9245	-160.4	430	TRQM	0	0	0	0	41	31.7	1927	41	113	175	2.756	0.646	0.234	12.0	24.28
684	40.9836	117.9241	-161.4	434	TRQM	0	0	0	0	52	31.8	1844	32	145	169	4.531	0.858	0.189	12.1	24.28
685	40.9836	117.9236	-164.2	438	TRQM	0	0	0	0	66	30.8	1854	27	97	159	3.593	0.610	0.170	12.1	24.27
686	40.9836	117.9231	-168.5	445	TRQM	0	0	0	0	53	30.9	1928	61	53	209	0.869	0.254	0.292	12.1	24.28
687	40.9836	117.9227	-174.3	449	TRQM	0	0	0	0	58	31.0	1956	58	99	177	1.707	0.559	0.328	12.1	24.28
688	40.9836	117.9222	-180.5	450	TRQM	0	0	0	0	41	31.0	1845	47	39	235	0.830	0.166	0.200	12.1	24.26
689	40.9836	117.9218	-186.3	454	TRQM	0	0	0	0	42	31.1	1851	53	84	168	1.585	0.500	0.315	12.1	24.27
690	40.9836	117.9213	-193.6	453	TRQM	0	0	0	0	41	31.1	1892	46	115	184	2.500	0.625	0.250	12.1	24.27
691	40.9836	117.9209	-201.2	451	TRQM	0	0	0	0	44	31.0	1876	58	100	162	1.724	0.617	0.358	12.1	24.27
692	40.9836	117.9204	-209.4	449	TRQM	0	0	0	0	38	31.0	1877	58	65	201	1.121	0.323	0.289	12.2	24.29
693	40.9836	117.9200	-216.9	450	TRQM	0	0	0	0	41	31.0	1977	58	93	199	1.603	0.467	0.291	12.1	24.28
694	40.9836	117.9195	-224.0	448	TRQM	0	0	0	0	39	31.0	1870	37	157	173	4.243	0.908	0.214	12.1	24.28
695	40.9836	117.9191	-237.7	447	TRQM	0	0	0	0	38	31.0	1883	39	111	172	2.846	0.645	0.227	12.2	24.30
696	40.9836	117.9186	-237.8	447	TRQM	0	0	0	0	36	31.0	1934	64	85	186	1.328	0.457	0.344	12.3	24.31
697	40.9836	117.9182	-249.4	443	TRQM	0	0	0	0	46	30.9	1919	50	86	189	1.720	0.455	0.265	12.2	24.29
698	40.9836	117.9177	-254.0	439	TRQM	0	0	0	0	48	30.8	1921	57	116	170	2.035	0.682	0.335	12.2	24.29
699	40.9836	117.9173	-257.9	437	TRQM	0	0	0	0	40	30.8	1814	62	51	174	0.823	0.293	0.356	12.3	24.29
700	40.9836	117.9168	-262.0	434	TRQM	0	0	0	0	41	30.8	1896	65	90	170	1.385	0.529	0.382	12.3	24.31
701	40.9836	117.9163	-265.1	434	TRQM	0	0	0	0	36	30.7	1886	62	58	164	0.935	0.354	0.378	12.2	24.31
702	40.9836	117.9159	-267.5	436	TRQM	0	0	1	0	61	30.8	1935	66	27	202	0.409	0.134	0.327	12.3	24.31
703	40.9836	117.9154	-270.0	438	TRQM	0	0	0	0	32	30.8	1933	52	95	160	1.827	0.594	0.325	12.2	24.29
704	40.9836	117.9150	-271.4	443	TRQM	0	0	0	0	45	32.3	1906	49	119	168	2.429	0.708	0.292	12.2	24.28
705	40.9836	117.9145	-271.5	443	TRQM	0	0	0	0	58	32.3	1882	66	42	166	0.636	0.253	0.398	12.2	24.26
706	40.9836	117.9141	-271.0	448	TRQM	0	0	0	0	54	32.4	1884	67	87	155	1.299	0.561	0.432	12.1	24.27
707	40.9836	117.9136	-270.1	450	TRQM	0	0	0	0	45	32.4	1817	54	102	180	1.889	0.567	0.300	12.0	24.25
708	40.9836	117.9132	-269.9	454	TRQM	0	0	0	0	45	32.5	1884	51	90	175	1.765	0.514	0.291	12.1	24.25
709	40.9836	117.9127	-269.5	455	TRQM	0	0	0	0	47	32.5	1945	63	48	242	0.762	0.198	0.260	12.0	24.24
710	40.9836	117.9123	-267.6	452	TRQM	0	0	0	0	43	32.4	1881	54	67	166	1.241	0.404	0.325	11.9	24.22
711	40.9836	117.9118	-268.0	446	TRQM	0	0	0	0	35	32.3	1839	55	71	159	1.291	0.447	0.346	11.9	24.23

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
712	40.9836	117.9114	-267.9	440	TRQM	0	0	0	0	40	32.2	1914	69	103	157	1.493	0.656	0.439	11.9	24.23
713	40.9836	117.9109	-268.8	436	TRQM	0	0	0	0	45	32.2	1895	61	134	137	2.197	0.978	0.445	11.9	24.24
714	40.9836	117.9105	-269.7	432	TRQM	0	0	0	0	37	32.1	1942	58	104	173	1.793	0.601	0.335	11.9	24.24
715	40.9836	117.9100	-270.3	428	TRQM	0	0	0	0	32	32.0	1859	54	117	145	2.167	0.807	0.372	11.9	24.23
716	40.9836	117.9095	-270.0	426	TRQM	0	0	0	0	44	32.0	1949	56	167	161	2.982	1.037	0.348	11.9	24.25
717	40.9836	117.9091	-269.3	426	TRQM	0	0	0	0	40	32.0	1866	60	81	153	1.350	0.529	0.392	12.0	24.25
718	40.9836	117.9086	-268.2	420	TRQM	0	0	0	0	44	31.9	1931	54	139	169	2.574	0.822	0.320	12.0	24.26
719	40.9836	117.9082	-266.6	419	TRQM	0	0	0	0	43	31.8	1905	47	137	151	2.915	0.907	0.311	12.1	24.25
720	40.9836	117.9077	-263.7	412	TRQM	0	0	0	0	43	31.7	1930	61	52	237	0.852	0.219	0.257	12.1	24.27
721	40.9836	117.9073	-261.4	401	TRQM	0	0	0	0	43	31.5	1867	52	79	189	1.519	0.418	0.275	12.1	24.25
722	40.9836	117.9068	-259.3	392	TRQM	0	0	0	0	45	31.4	1916	68	71	175	1.044	0.406	0.389	12.1	24.27
723	40.9836	117.9064	-257.0	382	TRQM	0	0	0	0	47	28.6	1885	71	66	177	0.930	0.373	0.401	12.1	24.27
724	40.9836	117.9059	-254.9	372	TRQM	0	0	0	0	44	28.4	1916	46	80	188	1.739	0.426	0.245	12.1	24.26
725	40.9836	117.9055	-252.1	366	TRQM	0	0	0	0	42	28.3	1957	61	62	212	1.016	0.292	0.288	12.1	24.27
726	40.9836	117.9050	-250.0	362	TRQM	0	0	0	0	38	28.2	1845	52	147	153	2.827	0.961	0.340	12.1	24.23
727	40.9836	117.9046	-247.1	361	TRQM	0	0	0	0	45	28.2	1914	64	140	142	2.188	0.986	0.451	12.0	24.20
728	40.9836	117.9041	-244.7	363	TRQM	0	0	0	0	40	28.3	1923	76	73	171	0.961	0.427	0.444	12.0	24.19
729	40.9836	117.9037	-238.3	360	TRQM	0	0	0	0	60	28.2	1887	61	66	206	1.082	0.320	0.296	12.0	24.21
730	40.9836	117.9032	-235.2	351	TRQM	0	0	0	0	42	28.1	1906	70	80	186	1.143	0.430	0.376	12.0	24.17
731	40.9836	117.9027	-231.8	352	TRQM	0	0	0	0	41	28.1	1841	53	101	191	1.906	0.529	0.277	12.0	24.15
732	40.9836	117.9023	-229.1	360	TRQM	0	0	1	0	43	28.2	1761	79	19	125	0.241	0.152	0.632	12.0	24.14
733	40.9836	117.9018	-225.8	373	TRQM	0	0	0	0	38	28.4	1804	57	85	167	1.491	0.509	0.341	12.0	24.11
734	40.9836	117.9014	-222.5	392	TRQM	0	0	0	0	41	28.8	1891	76	122	137	1.605	0.891	0.555	12.0	24.09
735	40.9836	117.9009	-218.5	412	TRQM	0	0	0	0	34	29.1	1876	56	117	159	2.089	0.736	0.352	12.1	24.09
736	40.9836	117.9005	-214.7	423	TRQM	0	0	0	0	59	29.3	1904	56	145	123	2.589	1.179	0.455	12.1	24.07
737	40.9836	117.9000	-213.5	431	TRQM	0	0	0	0	24	29.4	1937	56	146	166	2.607	0.880	0.337	12.0	24.06
738	40.9836	117.8996	-210.1	435	TRQM	0	0	0	0	46	29.5	1865	35	134	210	3.829	0.638	0.167	12.0	24.04
739	40.9836	117.8991	-206.7	430	TRQM	0	0	0	0	54	29.4	1838	53	85	181	1.604	0.470	0.293	12.0	24.04
740	40.9836	117.8987	-203.2	417	TRQM	0	0	0	0	45	29.2	1891	55	57	196	1.036	0.291	0.281	11.9	24.05
741	40.9836	117.8982	-198.9	401	TRQM	0	0	0	0	35	28.9	1763	56	61	173	1.089	0.353	0.324	12.0	24.06
742	40.9836	117.8978	-194.4	378	TRQM	0	0	0	0	46	29.2	1670	53	107	135	2.019	0.793	0.393	11.8	24.05
743	40.9836	117.8973	-191.1	366	TRQM	0	0	0	0	48	29.0	1683	45	113	153	2.511	0.739	0.294	11.8	24.03
744	40.9836	117.8968	-183.3	386	TRQM	0	0	0	0	57	29.3	1772	48	72	154	1.500	0.468	0.312	11.8	24.02
745	40.9836	117.8964	-183.2	416	TRQM	0	0	0	0	50	29.8	1817	68	118	136	1.735	0.868	0.500	11.8	24.02
746	40.9836	117.8959	-173.3	413	TRQM	0	0	0	0	44	29.8	1842	59	134	149	2.271	0.899	0.396	11.7	24.00
747	40.9836	117.8955	-168.7	382	TRQM	0	0	0	0	44	29.2	1782	55	124	121	2.255	1.025	0.455	11.7	24.01
748	40.9836	117.8950	-164.4	359	TRQM	0	0	0	0	41	28.8	1795	64	58	177	0.906	0.328	0.362	11.7	24.00
749	40.9836	117.8946	-160.3	328	TRQM	0	0	0	0	53	28.3	1729	56	140	91	2.500	1.538	0.615	11.8	24.01
750	40.9836	117.8941	-155.1	298	TRQM	0	0	0	0	45	27.7	1711	52	95	163	1.827	0.583	0.319	11.7	24.01
751	40.9836	117.8937	-150.6	287	TRQM	0	0	0	0	44	27.5	1644	51	143	101	2.804	1.416	0.505	11.8	24.00
752	40.9836	117.8932	-146.3	307	TRQM	0	0	0	0	44	27.9	1759	65	39	179	0.600	0.218	0.363	11.8	24.01
753	40.9836	117.8928	-141.3	344	TRQM	0	0	0	0	34	28.6	1869	58	115	173	1.983	0.665	0.335	11.8	24.00
754	40.9836	117.8923	-137.3	360	TRQM	0	0	0	0	44	28.8	1715	54	40	189	0.741	0.212	0.286	11.8	23.99
755	40.9836	117.8919	-134.6	305	TRQM	0	0	0	0	55	28.9	1813	50	70	161	1.400	0.435	0.311	11.8	23.97
756	40.9836	117.8914	-131.9	365	TRQM	0	0	0	0	44	28.9	1710	43	114	155	2.651	0.735	0.277	11.8	23.94
757	40.9836	117.8910	-130.0	365	TRQM	0	0	0	0	52	28.9	1704	51	102	120	2.000	0.850	0.425	11.8	23.94
758	40.9836	117.8905	-127.3	377	TRQM	0	0	0	0	46	29.2	1735	61	78	139	1.279	0.561	0.439	11.8	23.95
759	40.9836	117.8900	-124.2	402	TRQM	0	0	0	0	38	29.6	1731	51	92	150	1.804	0.613	0.340	11.7	23.91
760	40.9836	117.8896	-122.8	431	TRQM	0	0	0	0	39	30.1	1803	58	65	171	1.121	0.380	0.339	11.7	23.91
761	40.9836	117.8891	-122.7	455	TRQM	0	0	0	0	40	32.9	1925	38	220	115	5.789	1.913	0.330	11.7	23.87
762	40.9836	117.8887	-120.2	470	TRQM	0	0	0	0	46	33.2	1927	67	70	180	1.045	0.389	0.372	11.7	23.90
763	40.9836	117.8882	-118.6	465	TRQM	0	0	0	0	43	33.1	1949	53	162	157	3.057	1.032	0.338	11.6	23.90
764	40.9836	117.8878	-117.0	451	QOA1	0	0	0	0	52	32.9	1958	55	107	184	1.945	0.582	0.299	11.5	23.89
765	40.9836	117.3873	-117.0	440	QOA1	0	0	1	0	45	32.7	1881	74	21	224	0.284	0.094	0.330	11.5	23.92

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
766	40.9836	117.8869	-117.8	443	QOA1	0	0	0	0	51	32.7	1938	58	72	188	1.241	0.383	0.309	11.5	23.94
767	40.9836	117.8864	-118.9	448	QOA1	0	0	0	0	47	32.8	1822	66	81	147	1.227	0.551	0.449	11.5	23.96
768	40.9836	117.8860	-119.5	448	QOA1	0	0	0	0	53	32.8	1959	64	70	188	1.094	0.372	0.340	11.4	23.97
769	40.9836	117.8855	-119.8	444	QOA1	0	0	0	0	44	32.7	1992	56	85	195	1.518	0.436	0.287	11.5	23.97
770	40.9836	117.8851	-121.7	440	QOA1	0	0	0	0	50	32.7	1920	70	95	160	1.357	0.594	0.438	11.4	23.97
771	40.9836	117.8846	-123.4	433	QOA1	0	0	0	0	52	32.5	1983	45	138	163	3.067	0.847	0.276	11.4	24.01
772	40.9836	117.8842	-125.3	418	QOA1	0	0	0	0	51	32.3	2064	64	128	166	2.000	0.771	0.386	11.5	24.03
773	40.9836	117.8837	-127.6	407	QOA1	0	0	0	0	32	32.1	2004	59	128	224	2.169	0.571	0.263	11.5	24.03
774	40.9836	117.8832	-131.7	396	QOA1	0	0	0	0	40	31.9	1879	48	158	166	3.292	0.952	0.289	11.5	24.08
775	40.9836	117.8828	-137.1	391	QOA1	0	0	0	0	46	31.8	1964	68	101	181	1.485	0.558	0.376	11.5	24.09
776	40.9836	117.8823	-143.6	381	QOA1	0	0	0	0	48	31.6	1967	48	106	193	2.208	0.549	0.249	11.5	24.11
777	40.9836	117.8819	-159.0	367	QOA1	0	0	0	0	44	31.3	1908	56	137	175	2.446	0.783	0.320	11.6	24.13
778	40.9836	117.8814	-159.2	354	QOA1	0	0	0	0	39	31.0	1924	50	120	193	2.400	0.622	0.259	11.7	24.14
779	40.9836	117.8810	-176.2	339	QOA1	0	0	0	0	44	30.8	1876	52	132	168	2.538	0.786	0.310	11.6	24.12
780	40.9836	117.8805	-184.3	344	QOA1	0	0	0	0	52	30.0	1846	49	69	187	1.408	0.369	0.262	11.6	24.13
781	40.9836	117.8801	-191.2	361	QOA1	0	0	0	0	37	30.3	1903	66	101	168	1.530	0.601	0.393	11.7	24.13
782	40.9836	117.8796	-197.0	374	QOA1	0	0	0	0	48	30.6	1940	61	119	157	1.951	0.758	0.389	11.6	24.12
783	40.9836	117.8792	-201.7	392	QOA1	0	0	0	0	36	30.9	1881	44	215	86	4.886	2.500	0.512	11.6	24.10
784	40.9836	117.8787	-205.3	415	QOA1	0	0	0	0	47	31.3	1841	50	129	142	2.580	0.908	0.352	11.7	24.09
785	40.9836	117.8783	-207.7	440	QOA1	0	0	0	0	42	31.8	1871	47	120	169	2.553	0.710	0.278	11.7	24.07
786	40.9836	117.8778	-208.2	458	QOA1	0	0	0	0	41	32.1	2007	77	33	209	0.429	0.158	0.368	11.6	24.07
787	40.9836	117.8774	-208.2	441	QOA1	0	0	0	0	29	31.8	2048	70	103	180	1.471	0.572	0.389	11.6	24.07
788	40.9836	117.8769	-209.3	404	QOA1	0	0	0	0	47	31.1	1787	63	77	154	1.222	0.500	0.409	11.6	24.06
789	40.9836	117.8764	-207.5	371	QOA1	0	0	0	0	49	30.5	1751	68	68	124	1.000	0.548	0.548	11.6	24.05
790	40.9836	117.8760	-206.4	356	QOA1	0	0	0	0	44	30.2	1745	53	91	136	1.717	0.669	0.390	11.7	24.09
791	40.9836	117.8755	-204.4	366	QOA1	0	0	0	0	48	30.4	1813	57	78	194	1.368	0.402	0.294	11.6	24.07
792	40.9836	117.8751	-202.8	390	QOA1	0	0	0	0	42	30.9	1773	61	97	141	1.590	0.688	0.433	11.6	24.07
793	40.9836	117.8746	-200.5	414	QOA1	0	0	0	0	48	31.3	1812	53	47	184	0.887	0.255	0.288	11.7	24.07
794	40.9836	117.8742	-200.4	437	QOA1	0	0	0	0	53	31.7	1779	28	117	165	4.179	0.709	0.170	11.7	24.08
795	40.9836	117.8737	-200.8	465	QOA1	0	0	0	0	74	32.2	1821	56	79	158	1.411	0.500	0.354	11.7	24.07
796	40.9836	117.8733	-200.4	486	QOA1	0	0	0	0	38	32.6	1901	51	108	143	2.118	0.755	0.357	11.7	24.08
797	40.9836	117.8728	-199.7	491	QOA1	0	0	0	0	42	32.6	1938	62	102	167	1.645	0.611	0.371	11.7	24.09
798	40.9836	117.8724	-198.3	492	QOA1	0	0	0	0	45	32.7	1934	41	95	199	2.317	0.477	0.206	11.7	24.10
799	40.9836	117.8719	-197.5	492	QOA1	0	0	0	0	38	29.2	2037	58	68	208	1.172	0.327	0.279	11.7	24.11
800	40.9836	117.8715	-196.3	491	QOA1	0	0	1	0	42	29.2	1938	86	17	151	0.198	0.113	0.570	11.7	24.13
801	40.9836	117.8710	-194.4	490	QOA1	0	0	0	0	41	29.2	1913	66	81	168	1.227	0.482	0.393	11.7	24.14
802	40.9836	117.8705	-194.3	485	QOA1	0	0	0	0	46	29.1	1969	68	95	158	1.397	0.601	0.430	11.7	24.16
803	40.9836	117.8701	-192.7	477	QOA1	0	0	0	0	45	29.0	1946	59	63	191	1.068	0.330	0.309	11.7	24.17
804	40.9836	117.8696	-191.4	461	QOA1	0	0	0	0	46	28.8	1922	59	126	147	2.136	0.857	0.401	11.8	24.17
805	40.9836	117.8692	-189.7	444	QOA1	0	0	0	0	32	28.5	1931	77	45	193	0.584	0.233	0.399	11.8	24.19
806	40.9836	117.8687	-187.7	422	QOA1	0	0	0	0	47	28.2	1862	75	47	180	0.627	0.261	0.417	11.8	24.21
807	40.9836	117.8683	-185.2	406	QOA1	0	0	0	0	39	27.9	1964	76	109	150	1.434	0.727	0.507	11.9	24.22
808	40.9836	117.8678	-182.7	394	QOA1	0	0	0	0	48	27.7	1876	47	115	200	2.447	0.575	0.235	11.9	24.22
809	40.9836	117.8674	-179.9	382	QOA1	0	0	1	0	26	27.5	1871	62	25	220	0.403	0.114	0.282	11.8	24.21
810	40.9836	117.8669	-177.0	372	QOA1	0	0	1	0	43	27.3	1786	62	0	231	0.016	0.004	0.268	11.9	24.23
811	40.9836	117.8665	-174.1	378	QOA1	0	0	0	0	43	27.4	1813	40	162	135	4.050	1.200	0.296	11.9	24.23
812	40.9836	117.8660	-173.6	386	QOA1	0	0	1	0	46	27.6	1814	76	9	185	0.118	0.049	0.411	11.9	24.23
813	40.9836	117.8656	-172.4	400	QOA1	0	0	0	0	30	27.8	1865	65	102	158	1.569	0.646	0.411	12.0	24.23
814	40.9836	117.8651	-171.6	412	QOA1	0	0	0	0	56	28.0	1955	69	78	175	1.130	0.446	0.394	12.0	24.22
815	40.9836	117.8647	-173.2	417	QOA1	0	0	0	0	45	28.1	1926	55	131	165	2.382	0.794	0.333	12.1	24.21
816	40.9836	117.8642	-173.6	412	QOA1	0	0	0	0	40	28.0	1936	56	122	167	2.179	0.731	0.335	12.1	24.22
817	40.9836	117.8637	-175.0	405	QOA1	0	0	0	0	54	27.9	1903	43	105	187	2.442	0.561	0.230	12.1	24.24
818	40.9836	117.8633	-177.6	398	QOA1	0	0	0	0	44	27.0	1890	66	143	99	2.167	1.444	0.667	12.1	24.25
819	40.9836	117.8628	-181.5	390	QOA1	0	0	0	0	39	26.9	1942	54	125	150	2.315	0.833	0.360	12.1	24.25

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
820	40.9836	117.8624	-184.1	389	QOA1	0	0	0	0	26	26.9	1926	64	89	177	1.391	0.503	0.362	12.1	24.23
821	40.9836	117.8619	-188.2	390	QOA1	0	0	0	0	43	26.9	1928	53	105	183	1.981	0.574	0.290	12.2	24.25
822	40.9836	117.8615	-192.4	389	QOA1	0	0	0	0	44	26.9	1931	80	78	158	0.975	0.494	0.506	12.2	24.27
823	40.9836	117.8610	-195.2	389	QOA1	0	0	0	0	36	26.9	1871	68	92	192	1.353	0.479	0.354	12.2	24.29
824	40.9836	117.8606	-199.1	380	QOA1	0	0	0	0	30	26.7	1901	58	85	216	1.466	0.394	0.269	12.2	24.27
825	40.9836	117.8601	-202.5	376	QOA1	0	0	0	0	33	26.7	1971	55	122	182	2.218	0.670	0.302	12.2	24.29
826	40.9836	117.8597	-209.8	376	QOA1	0	0	0	0	52	26.7	1925	64	94	185	1.469	0.508	0.346	12.2	24.28
827	40.9836	117.8592	-209.9	376	QOA1	0	0	0	0	47	26.7	1929	77	88	143	1.143	0.615	0.538	12.3	24.29
828	40.9836	117.8588	-216.1	373	QOA1	0	0	0	0	38	26.6	1895	54	107	172	1.981	0.622	0.314	12.2	24.29
829	40.9836	117.8583	-218.5	371	QOA1	0	0	0	0	42	26.6	1905	56	107	191	1.911	0.560	0.293	12.3	24.30
830	40.9836	117.8579	-221.1	369	QOA1	0	0	0	0	46	26.6	1912	63	122	175	1.937	0.697	0.360	12.3	24.30
831	40.9836	117.8574	-223.4	368	QOA1	0	0	0	0	36	26.5	1967	65	115	182	1.769	0.632	0.357	12.2	24.30
832	40.9836	117.8569	-225.0	366	QOA1	0	0	0	0	42	26.5	1977	68	92	172	1.353	0.535	0.395	12.3	24.31
833	40.9836	117.8564	-226.7	363	QOA1	0	0	0	0	41	26.5	1805	52	148	151	2.846	0.980	0.344	12.3	24.31
834	40.9835	117.8559	-227.3	361	QOA1	0	0	0	0	44	26.4	1899	68	169	139	2.485	1.216	0.489	12.3	24.33
835	40.9835	117.8554	-228.3	361	QOA1	0	0	0	0	26	26.4	1964	48	151	166	3.146	0.910	0.289	12.2	24.32
836	40.9834	117.8548	-229.2	362	QOA1	0	0	0	0	39	26.4	1912	71	130	144	1.831	0.903	0.493	12.2	24.33
837	40.9834	117.8543	-229.3	365	QOA1	0	0	1	0	48	26.3	1910	73	14	204	0.192	0.069	0.358	12.2	24.33
838	40.9834	117.8538	-229.6	369	QOA1	0	0	0	0	40	26.4	1877	58	144	142	2.483	1.014	0.408	12.2	24.32
839	40.9833	117.8532	-229.9	375	QOA1	0	0	0	0	38	26.5	1999	61	128	218	2.098	0.587	0.280	12.3	24.34
840	40.9833	117.8527	-229.9	379	QOA1	0	0	0	0	35	26.6	1888	53	157	151	2.962	1.040	0.351	12.3	24.35
841	40.9832	117.8522	-230.0	379	QOA1	0	0	0	0	28	26.6	1875	49	111	204	2.265	0.544	0.240	12.2	24.33
842	40.9832	117.8517	-230.3	382	QOA1	0	0	0	0	39	26.6	1976	55	105	202	1.909	0.520	0.272	12.2	24.33
843	40.9831	117.8511	-232.2	385	QOA1	0	0	0	0	41	26.7	1908	60	129	134	2.150	0.963	0.448	12.2	24.32
844	40.9831	117.8506	-236.7	389	QOA1	0	0	0	0	37	26.7	1965	88	44	199	0.500	0.221	0.442	12.2	24.33
845	40.9831	117.8501	-238.1	388	QOA1	0	0	0	0	43	26.7	1866	58	79	171	1.362	0.462	0.339	12.1	24.30
846	40.9830	117.8495	-239.4	389	QOA1	0	0	0	0	45	26.7	1849	62	80	168	1.290	0.476	0.369	12.2	24.30
847	40.9830	117.8490	-240.0	385	QOA1	0	0	0	0	40	26.7	1831	45	151	152	3.356	0.993	0.296	12.1	24.30
848	40.9829	117.8485	-243.1	387	QOA1	0	0	1	0	47	26.7	1797	72	14	176	0.194	0.080	0.409	12.2	24.29
849	40.9829	117.8479	-244.7	385	QOA1	0	0	0	0	31	26.7	1798	43	113	166	2.628	0.681	0.259	12.2	24.28
850	40.9828	117.8474	-246.3	389	QOA1	0	0	0	0	35	26.7	2002	57	145	156	2.544	0.929	0.365	12.2	24.29
851	40.9828	117.8469	-248.4	389	QOA1	0	0	0	0	46	26.7	1792	53	77	164	1.453	0.470	0.323	12.2	24.29
852	40.9828	117.8464	-249.9	395	QOA1	0	0	0	0	52	26.8	1946	60	112	169	1.867	0.663	0.355	12.2	24.28
853	40.9827	117.8458	-251.5	400	QOA1	0	0	0	0	33	26.9	1902	45	151	170	3.356	0.888	0.265	12.2	24.28
854	40.9827	117.8453	-252.8	406	QOA1	0	0	0	0	39	27.0	1891	52	162	126	3.115	1.286	0.413	12.2	24.28
855	40.9826	117.8448	-252.8	410	QOA1	0	0	0	0	37	27.1	1949	64	84	173	1.313	0.486	0.370	12.2	24.28
856	40.9826	117.8442	-251.4	407	QOA1	0	0	0	0	36	28.7	1963	63	85	168	1.349	0.506	0.375	12.3	24.29
857	40.9825	117.8437	-250.0	408	QOA1	0	0	0	0	40	28.7	1941	31	142	172	4.581	0.826	0.180	12.2	24.27
858	40.9825	117.8432	-250.1	410	QOA1	0	0	0	0	40	28.8	1870	55	127	140	2.309	0.907	0.393	12.3	24.28
859	40.9824	117.8426	-249.9	410	QOA1	0	0	0	0	34	28.8	1902	55	80	168	1.455	0.476	0.327	12.3	24.29
860	40.9824	117.8421	-252.0	411	QOA1	0	0	1	0	32	28.8	1906	73	13	207	0.178	0.063	0.353	12.4	24.31
861	40.9824	117.8416	-253.4	412	QOA1	0	0	0	0	47	28.8	1894	47	147	162	3.128	0.907	0.290	12.3	24.30
862	40.9823	117.8411	-254.7	413	QOA1	0	0	0	0	41	28.8	1908	46	139	170	3.022	0.818	0.271	12.4	24.30
863	40.9823	117.8405	-256.0	414	QOA1	0	0	0	0	45	28.8	1895	57	116	147	2.035	0.789	0.388	12.3	24.29
864	40.9822	117.8400	-258.1	416	QOA1	0	0	0	0	46	28.9	1967	65	97	170	1.492	0.571	0.382	12.3	24.28
865	40.9822	117.8395	-258.9	424	QOA1	0	0	0	0	40	29.0	1866	70	94	145	1.343	0.648	0.483	12.4	24.29
866	40.9821	117.8389	-259.9	432	QOA1	0	0	0	0	44	29.1	1930	56	86	184	1.536	0.467	0.304	12.4	24.29
867	40.9821	117.8384	-260.2	434	QOA1	0	0	1	0	39	29.2	1887	88	-2	196	-0.023	-0.010	0.449	12.4	24.27
868	40.9821	117.8379	-261.1	432	QOA1	0	0	0	0	33	29.1	1908	36	151	172	4.194	0.878	0.209	12.4	24.27
869	40.9820	117.8374	-260.5	430	QOA1	0	0	0	0	44	29.1	1843	67	137	136	2.045	1.007	0.493	12.3	24.28
870	40.9820	117.8368	-261.1	426	QOA1	0	0	0	0	32	29.0	1926	53	151	158	2.849	0.956	0.335	12.4	24.29
871	40.9819	117.8363	-261.3	417	QOA1	0	0	0	0	38	28.9	1934	84	134	131	1.595	1.023	0.641	12.4	24.29
872	40.9819	117.8358	-260.9	410	QOA1	0	0	0	0	42	28.8	1893	61	119	134	1.951	0.888	0.455	12.4	24.30
873	40.9818	117.8352	-260.5	406	QOA1	0	0	0	0	39	28.7	1946	72	90	171	1.250	0.526	0.421	12.4	24.28

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
874	40.9818	117.8347	-261.2	401	QOA1	0	0	0	0	43	28.6	1932	58	68	212	1.172	0.321	0.274	12.3	24.28
875	40.9818	117.8342	-261.1	394	QOA1	0	0	0	0	39	26.8	1819	61	80	176	1.311	0.455	0.347	12.3	24.29
876	40.9817	117.8336	-261.2	393	QOA1	0	0	0	0	48	26.7	1922	37	126	217	3.405	0.581	0.171	12.4	24.29
877	40.9817	117.8331	-258.8	392	QOA1	0	0	0	0	34	26.7	1857	72	102	149	1.417	0.685	0.483	12.3	24.28
878	40.9816	117.8326	-259.1	391	QOA1	0	0	0	0	43	26.7	1929	71	33	184	0.465	0.179	0.386	12.3	24.27
879	40.9816	117.8321	-258.7	395	QOA1	0	0	0	0	53	26.8	1970	47	113	208	2.404	0.543	0.226	12.4	24.27
880	40.9815	117.8315	-260.0	395	QOA1	0	0	0	0	49	26.8	1872	49	119	144	2.429	0.826	0.340	12.4	24.27
881	40.9815	117.8310	-260.1	395	QOA1	0	0	0	0	41	26.8	1895	64	81	196	1.266	0.413	0.327	12.3	24.27
882	40.9814	117.8305	-259.0	395	QOA1	0	0	0	0	39	26.8	1923	70	74	172	1.057	0.430	0.407	12.3	24.27
883	40.9814	117.8299	-259.6	393	QOA1	0	0	0	0	57	26.7	1975	60	97	179	1.617	0.542	0.335	12.4	24.27
884	40.9814	117.8294	-259.2	391	QOA1	0	0	0	0	48	26.7	1858	73	32	202	0.438	0.158	0.361	12.4	24.26
885	40.9813	117.8289	-258.0	393	QOA1	0	0	0	0	35	26.7	1929	55	120	180	2.182	0.667	0.306	12.3	24.27
886	40.9813	117.8283	-256.9	389	QOA1	0	0	0	0	40	26.7	1822	52	142	138	2.731	1.029	0.377	12.3	24.27
887	40.9812	117.8278	-255.7	390	QOA1	0	0	0	0	44	26.7	1848	68	128	126	1.882	1.016	0.540	12.3	24.27
888	40.9812	117.8273	-254.6	385	QOA1	0	0	0	0	44	26.6	1850	63	117	131	1.857	0.893	0.481	12.3	24.28
889	40.9811	117.8268	-253.5	386	QOA1	0	0	0	0	33	26.6	1901	50	113	212	2.260	0.533	0.236	12.4	24.29
890	40.9811	117.8262	-252.8	384	QOA1	0	0	0	0	36	26.6	1844	67	120	128	1.791	0.938	0.523	12.3	24.29
891	40.9811	117.8257	-254.9	380	QOA1	0	0	0	0	30	26.5	1768	46	117	162	2.543	0.722	0.284	12.4	24.29
892	40.9810	117.8252	-252.0	379	QOA1	0	0	0	0	47	26.5	1864	59	98	165	1.661	0.594	0.358	12.4	24.33
893	40.9810	117.8246	-250.9	380	QOA1	0	0	0	0	38	26.5	1873	54	123	161	2.278	0.764	0.335	12.4	24.31
894	40.9809	117.8241	-249.7	380	QOA1	0	0	0	0	38	29.4	1945	59	136	141	2.305	0.965	0.418	12.4	24.31
895	40.9809	117.8236	-248.3	380	QOA1	0	0	0	0	41	29.4	1885	63	93	151	1.476	0.616	0.417	12.4	24.31
896	40.9808	117.8231	-246.4	379	QOA1	0	0	0	0	53	29.4	1857	54	160	123	2.963	1.301	0.439	12.4	24.31
897	40.9808	117.8225	-245.5	380	QOA1	0	0	1	0	41	29.4	1835	73	10	170	0.137	0.059	0.429	12.4	24.31
898	40.9808	117.8220	-243.5	388	QOA1	0	0	0	0	34	29.6	1892	69	86	163	1.246	0.528	0.423	12.4	24.29
899	40.9807	117.8215	-242.8	397	QOA1	0	0	0	0	37	29.7	2016	76	84	202	1.105	0.416	0.376	12.4	24.31
900	40.9807	117.8209	-243.1	405	QOA1	0	0	0	0	48	29.9	1885	57	101	175	1.772	0.577	0.326	12.4	24.29
901	40.9806	117.8204	-241.6	408	QOA1	0	0	0	0	34	29.9	1849	57	89	147	1.561	0.605	0.388	12.4	24.29
902	40.9806	117.8199	-241.2	407	QOA1	0	0	0	0	41	29.9	1887	54	93	164	1.722	0.567	0.329	12.4	24.28
903	40.9805	117.8193	-240.6	404	QOA1	0	0	0	0	38	29.8	1881	55	105	151	1.909	0.695	0.364	12.4	24.30
904	40.9805	117.8188	-240.7	400	QOA1	0	0	0	0	51	29.8	1856	52	79	203	1.519	0.389	0.256	12.4	24.30
905	40.9804	117.8183	-241.6	399	QOA1	0	0	0	0	48	29.8	1851	37	112	184	3.027	0.609	0.201	12.4	24.33
906	40.9804	117.8178	-242.2	398	QOA1	0	0	0	0	29	29.7	1860	64	45	207	0.703	0.217	0.309	12.3	24.30
907	40.9804	117.8172	-243.8	393	QOA1	0	0	0	0	39	29.6	1876	55	106	160	1.927	0.663	0.344	12.3	24.31
908	40.9803	117.8167	-248.4	392	QOA1	0	0	0	0	42	29.6	1862	67	89	132	1.328	0.674	0.508	12.3	24.31
909	40.9803	117.8162	-248.5	391	QOA1	0	0	0	0	34	29.6	1846	51	120	155	2.353	0.774	0.329	12.3	24.33
910	40.9802	117.8156	-252.1	389	QOA1	0	0	0	0	38	29.6	1862	68	72	154	1.059	0.468	0.442	12.3	24.31
911	40.9802	117.8151	-253.0	390	QOA1	0	0	0	0	39	29.6	1881	50	125	164	2.500	0.762	0.305	12.3	24.29
912	40.9801	117.8146	-254.0	396	QOA1	0	0	0	0	43	29.7	1937	57	113	161	1.982	0.702	0.354	12.2	24.30
913	40.9801	117.8140	-254.3	402	QOA1	0	0	0	0	40	27.1	1854	77	46	169	0.597	0.272	0.456	12.2	24.28
914	40.9801	117.8135	-256.1	406	QOA1	0	0	0	0	36	27.2	1915	54	96	193	1.778	0.497	0.280	12.2	24.28
915	40.9800	117.8130	-257.9	410	QOA1	0	0	0	0	57	27.2	1843	58	98	133	1.690	0.737	0.436	12.3	24.28
916	40.9800	117.8125	-258.8	410	QOA1	0	0	0	0	48	27.2	1864	49	147	133	3.000	1.105	0.368	12.3	24.29
917	40.9799	117.8119	-259.8	412	QOA1	0	0	0	0	33	27.3	1913	71	114	169	1.606	0.675	0.420	12.3	24.29
918	40.9799	117.8114	-261.4	412	QOA1	0	0	0	0	30	27.2	1870	53	110	180	2.075	0.611	0.294	12.3	24.29
919	40.9798	117.8109	-262.8	415	QOA1	0	0	0	0	38	27.3	1816	51	116	168	2.275	0.690	0.304	12.3	24.30
920	40.9798	117.8103	-263.1	419	QOA1	0	0	0	0	35	27.4	1894	73	47	197	0.644	0.239	0.371	12.3	24.31
921	40.9797	117.8098	-263.6	425	QOA1	0	0	0	0	41	27.5	1963	53	94	210	1.774	0.448	0.252	12.3	24.30
922	40.9797	117.8093	-265.0	423	QOA1	0	0	0	0	40	27.4	1879	64	97	178	1.516	0.545	0.360	12.3	24.31
923	40.9797	117.8088	-266.1	422	QOA1	0	0	0	0	48	27.4	1928	60	117	149	1.950	0.785	0.403	12.3	24.30
924	40.9796	117.8082	-265.4	425	QOA1	0	0	0	0	30	27.5	1901	45	129	159	2.867	0.811	0.283	12.4	24.32
925	40.9796	117.8077	-266.2	424	QOA1	0	0	0	0	40	27.4	1927	86	87	161	1.012	0.540	0.534	12.4	24.31
926	40.9795	117.8072	-267.8	430	QOA1	0	0	0	0	41	27.5	1884	53	86	173	1.623	0.497	0.306	12.4	24.33
927	40.9795	117.8066	-269.1	431	QOA1	0	0	0	0	48	27.5	1960	67	109	156	1.627	0.699	0.429	12.4	24.31

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
928	40.9794	117.8061	-269.2	430	QQA1	0	0	0	0	38	27.5	1899	68	108	136	1.588	0.794	0.500	12.3	24.31
929	40.9794	117.8056	-271.0	431	QQA1	0	0	0	0	42	27.6	1850	48	111	167	2.313	0.665	0.287	12.3	24.29
930	40.9794	117.8050	-270.9	434	QQA1	0	0	0	0	46	27.6	1841	59	74	165	1.254	0.448	0.358	12.3	24.31
931	40.9793	117.8045	-270.9	439	QQA1	0	0	0	0	43	27.7	1870	53	96	197	1.811	0.487	0.269	12.3	24.31
932	40.9793	117.8040	-270.8	440	QQA1	0	0	0	0	41	30.2	1855	55	75	180	1.364	0.417	0.306	12.3	24.28
933	40.9792	117.8035	-271.9	438	QQA1	0	0	0	0	42	30.1	2012	70	63	223	0.900	0.283	0.314	12.3	24.29
934	40.9792	117.8029	-273.0	436	QQA1	0	0	0	0	46	30.1	1850	58	126	128	2.172	0.984	0.453	12.3	24.28
935	40.9791	117.8024	-270.3	434	QQA1	0	0	0	0	49	30.1	1952	37	131	169	3.541	0.775	0.219	12.2	24.28
936	40.9791	117.8019	-275.0	428	QQA1	0	0	0	0	50	30.0	1922	73	62	158	0.849	0.392	0.462	12.2	24.29
937	40.9791	117.8013	-275.6	422	QQA1	0	0	0	0	22	29.8	1876	60	115	150	1.917	0.767	0.400	12.2	24.29
938	40.9790	117.8008	-276.0	419	QQA1	0	0	0	0	44	29.8	1902	60	121	140	2.017	0.864	0.429	12.3	24.30
939	40.9790	117.8003	-276.9	416	QQA1	0	0	0	0	47	29.7	1857	66	37	165	0.561	0.224	0.400	12.2	24.29
940	40.9789	117.7997	-277.4	418	QQA1	0	0	0	0	44	29.8	1974	60	104	160	1.733	0.650	0.375	12.3	24.30
941	40.9789	117.7992	-279.8	420	QQA1	0	0	0	0	32	29.8	1890	41	130	186	3.171	0.699	0.220	12.3	24.30
942	40.9788	117.7987	-279.8	422	QQA1	0	0	0	0	22	29.9	1966	59	126	143	2.136	0.881	0.413	12.3	24.32
943	40.9788	117.7982	-280.4	422	QQA1	0	0	0	0	35	29.9	1965	48	140	181	2.917	0.773	0.265	12.2	24.33
944	40.9787	117.7976	-281.1	418	QQA1	0	0	0	0	[illegible]	29.8	1913	65	82	183	1.262	0.448	0.355	12.2	24.33
945	40.9787	117.7971	-282.2	418	QQA1	0	0	0	0	[illegible]	29.8	1895	73	94	155	1.288	0.606	0.471	12.2	24.33
946	40.9787	117.7966	-282.8	417	QQA1	0	0	0	0	[illegible]	29.8	1887	59	60	202	1.017	0.297	0.292	12.2	24.31
947	40.9786	117.7960	-283.8	420	QQA1	0	0	0	0	44	29.8	1983	63	83	212	1.317	0.392	0.297	12.2	24.32
948	40.9786	117.7955	-285.1	425	QQA1	0	0	0	0	44	29.9	1884	62	70	176	1.129	0.398	0.352	12.2	24.31
949	40.9785	117.7950	-284.9	431	QQA1	0	0	0	0	43	30.0	1999	47	148	185	3.149	0.800	0.254	12.2	24.32
950	40.9785	117.7945	-287.2	435	QQA1	0	0	0	0	54	30.1	1997	62	37	249	0.597	0.149	0.249	12.3	24.32
951	40.9784	117.7939	-286.0	441	QQA1	0	0	0	0	52	26.2	1930	60	101	197	1.683	0.513	0.305	12.3	24.31
952	40.9784	117.7934	-285.1	444	QQA1	0	0	0	0	48	26.2	1886	66	32	220	0.485	0.145	0.300	12.3	24.29
953	40.9784	117.7929	-286.4	443	QQA1	0	0	0	0	35	26.2	1880	55	58	173	1.055	0.335	0.318	12.3	24.31
954	40.9783	117.7923	-286.8	440	QQA1	0	0	0	0	38	26.2	1881	[illegible]	118	196	2.810	0.602	0.214	12.2	24.31
955	40.9783	117.7918	-285.9	435	QQA1	0	0	0	0	44	26.1	1943	60	125	166	2.083	0.753	0.361	12.2	24.30
956	40.9782	117.7913	-285.6	428	QQA1	0	0	0	0	35	26.0	1938	57	73	212	1.281	0.344	0.269	12.1	24.29
957	40.9782	117.7907	-284.9	429	QQA1	0	0	0	0	41	26.0	1945	65	95	185	1.462	0.514	0.351	12.2	24.31
958	40.9781	117.7902	-285.0	425	QQA1	0	0	0	0	38	26.0	1985	81	63	161	0.778	0.391	0.503	12.2	24.30
959	40.9781	117.7897	-285.1	428	QQA1	0	0	0	0	48	26.0	1986	46	119	182	2.587	0.654	0.253	12.2	24.31
960	40.9781	117.7892	-286.3	424	QQA1	0	0	0	0	49	25.9	1956	61	92	198	1.508	0.465	0.308	12.2	24.31
961	40.9780	117.7886	-286.4	420	QQA1	0	0	0	0	47	25.9	2006	57	75	188	1.316	0.399	0.303	12.2	24.33
962	40.9780	117.7881	-286.3	414	QQA1	0	0	0	0	32	25.8	1910	58	117	176	2.017	0.665	0.330	12.2	24.29
963	40.9779	117.7876	-285.4	411	QQA1	0	0	0	0	38	25.7	1859	49	104	195	2.122	0.533	0.251	12.1	24.34
964	40.9779	117.7870	-286.2	411	QQA1	0	0	0	0	38	25.7	1885	56	150	141	2.679	1.064	0.397	12.2	24.33
965	40.9778	117.7865	-286.6	413	QQA1	0	0	0	0	37	25.8	1937	54	116	185	2.148	0.627	0.292	12.3	24.35
966	40.9778	117.7860	-286.4	412	QQA1	0	0	0	0	32	25.8	1963	74	122	166	1.649	0.735	0.446	12.3	24.33
967	40.9777	117.7854	-286.8	407	QQA1	0	0	0	0	46	25.7	1873	67	55	200	0.859	0.275	0.320	12.3	24.34
968	40.9777	117.7849	-287.1	408	QQA1	0	0	1	0	45	25.7	1952	65	17	242	0.262	0.070	0.269	12.3	24.34
969	40.9777	117.7844	-288.0	409	QQA1	0	0	0	0	43	25.7	1979	79	57	195	0.722	0.292	0.405	12.4	24.34
970	40.9776	117.7839	-288.3	406	QQA1	0	0	0	0	43	27.1	1930	64	89	176	1.391	0.506	0.364	12.4	24.35
971	40.9776	117.7833	-289.2	405	QQA1	0	0	0	0	35	27.1	1996	51	153	194	3.000	0.789	0.263	12.4	24.36
972	40.9775	117.7828	-289.8	404	QQA1	0	0	0	0	43	27.0	1949	49	168	158	3.429	1.063	0.310	12.4	24.35
973	40.9775	117.7823	-291.1	404	QQA1	0	0	0	0	39	27.0	1828	69	46	186	0.667	0.247	0.371	12.4	24.36
974	40.9774	117.7817	-291.2	402	QQA1	0	0	0	0	38	27.0	1901	60	60	169	1.000	0.355	0.355	12.5	24.36
975	40.9774	117.7812	-291.3	406	QQA1	0	0	0	0	43	27.1	1860	46	104	162	2.261	0.642	0.284	12.5	24.37
976	40.9774	117.7807	-291.6	406	QQA1	0	0	0	0	39	27.1	1974	51	145	159	2.843	0.912	0.321	12.5	24.36
977	40.9773	117.7802	-291.9	412	QQA1	0	0	0	0	48	27.2	1854	52	133	179	2.558	0.743	0.291	12.5	24.36
978	40.9773	117.7796	-292.0	415	QQA1	0	0	0	0	50	27.2	1987	59	100	205	1.695	0.488	0.288	12.5	24.34
979	40.9772	117.7791	-293.3	415	QQA1	0	0	0	0	45	27.2	1927	54	176	161	3.259	1.093	0.335	12.4	24.34
980	40.9772	117.7786	-293.5	412	QQA1	0	0	0	0	42	27.2	1840	56	104	163	1.857	0.638	0.344	12.4	24.35
981	40.9771	117.7780	-294.9	406	QQA1	0	0	0	0	43	27.1	1851	45	144	135	3.200	1.067	0.333	12.4	24.34

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
982	40.9771	117.7775	-294.3	397	QOA1	0	0	0	0	38	26.9	1844	59	35	221	0.593	0.158	0.267	12.4	24.35
983	40.9771	117.7770	-294.2	390	QOA1	0	0	0	0	37	26.8	1839	47	134	156	2.851	0.859	0.301	12.4	24.34
984	40.9770	117.7764	-294.0	387	QOA1	0	0	0	0	46	26.8	1956	62	56	207	0.903	0.271	0.300	12.4	24.34
985	40.9770	117.7759	-294.7	382	QOA1	0	0	0	0	47	26.7	1936	50	194	145	3.880	1.338	0.345	12.3	24.35
986	40.9769	117.7754	-294.6	373	QOA1	0	0	0	0	43	26.5	1949	71	102	188	1.437	0.543	0.378	12.4	24.35
987	40.9769	117.7749	-295.0	372	QOA1	0	0	0	0	40	26.5	1908	66	55	182	0.833	0.302	0.363	12.5	24.37
988	40.9768	117.7743	-296.8	371	QOA1	0	0	0	0	43	26.5	1832	52	100	155	1.923	0.645	0.335	12.4	24.35
989	40.9768	117.7738	-297.4	370	QOA1	0	0	0	0	48	25.9	1859	40	157	142	3.925	1.106	0.282	12.4	24.35
990	40.9767	117.7733	-295.7	375	QOA1	0	0	0	0	42	26.0	1947	65	91	192	1.400	0.474	0.339	12.4	24.35
991	40.9767	117.7727	-295.8	380	QOA1	0	0	0	0	35	26.1	1851	70	51	193	0.729	0.264	0.363	12.4	24.35
992	40.9767	117.7722	-297.8	380	QOA1	0	0	0	0	54	26.1	1811	38	109	200	2.868	0.545	0.190	12.5	24.35
993	40.9766	117.7717	-299.2	381	QOA1	0	0	0	0	47	26.1	1954	60	88	191	1.467	0.461	0.314	12.4	24.35
994	40.9766	117.7711	-300.5	385	QOA1	0	0	0	0	35	26.2	1881	54	123	197	2.278	0.624	0.274	12.4	24.36
995	40.9765	117.7706	-302.3	392	QOA1	0	0	0	0	44	26.3	1987	53	154	159	2.906	0.969	0.333	12.4	24.36
996	40.9765	117.7701	-304.6	394	QOA1	0	0	0	0	33	26.3	1858	55	129	156	2.345	0.827	0.353	12.5	24.35
997	40.9764	117.7696	-304.4	397	QOA1	0	0	0	0	46	26.4	1933	35	128	210	3.657	0.610	0.167	12.5	24.35
998	40.9764	117.7690	-302.8	394	QOA1	0	0	0	0	41	26.3	1938	56	91	203	1.625	0.448	0.276	12.5	24.35
999	40.9764	117.7685	-301.9	392	QOA1	0	0	0	0	44	26.3	1985	64	56	213	0.875	0.263	0.300	12.5	24.37
1000	40.9763	117.7680	-302.0	396	QOA1	0	0	0	0	48	26.4	1898	44	90	208	2.045	0.433	0.212	12.5	24.35
1001	40.9763	117.7674	-302.3	402	QOA1	0	0	0	0	51	26.4	1946	48	88	208	1.833	0.423	0.231	12.5	24.35
1002	40.9762	117.7669	-303.8	409	QOA1	0	0	0	0	49	26.6	1974	46	113	185	2.457	0.611	0.249	12.5	24.34
1003	40.9762	117.7664	-305.8	417	QOA1	0	0	0	0	46	26.7	1980	50	64	213	1.280	0.300	0.235	12.5	24.33
1004	40.9761	117.7659	-307.4	424	QOA1	0	0	0	0	51	26.8	1878	44	81	208	1.841	0.389	0.212	12.5	24.33
1005	40.9761	117.7653	-307.6	432	QOA1	0	0	0	0	38	26.9	1952	63	92	173	1.460	0.532	0.364	12.5	24.31
1006	40.9761	117.7648	-306.5	432	QOA1	0	0	0	0	33	26.9	1948	61	135	169	2.213	0.799	0.361	12.5	24.32
1007	40.9760	117.7643	-304.6	429	QOA1	0	0	0	0	36	26.9	1922	54	88	194	1.630	0.454	0.278	12.5	24.32
1008	40.9760	117.7637	-301.7	425	QOA1	0	0	0	0	35	30.6	1887	51	100	172	1.961	0.581	0.297	12.5	24.33
1009	40.9759	117.7632	-301.1	422	QOA1	0	0	0	0	38	30.6	1959	59	94	196	1.593	0.480	0.301	12.5	24.34
1010	40.9759	117.7627	-300.7	422	QOA1	0	0	0	0	39	30.6	1969	60	87	226	1.450	0.385	0.265	12.5	24.33
1011	40.9758	117.7621	-300.0	425	QOA1	0	0	0	0	45	30.6	1984	65	133	122	2.046	1.090	0.533	12.4	24.34
1012	40.9758	117.7616	-299.8	429	QOA1	0	0	0	0	47	30.7	1840	59	96	160	1.627	0.600	0.369	12.4	24.33
1013	40.9757	117.7611	-298.4	435	QOA1	0	0	0	0	41	30.8	1975	51	145	168	2.843	0.863	0.304	12.4	24.33
1014	40.9757	117.7606	-296.9	437	QOA1	0	0	1	0	49	30.9	1817	70	18	201	0.257	0.090	0.348	12.4	24.33
1015	40.9757	117.7600	-293.6	432	QOA1	0	0	0	0	36	30.8	1926	53	133	169	2.509	0.787	0.314	12.4	24.32
1016	40.9756	117.7595	-289.5	418	QOA1	0	0	0	0	28	30.5	1873	57	97	189	1.702	0.513	0.302	12.4	24.33
1017	40.9756	117.7590	-289.1	414	QOA1	0	0	0	0	38	30.5	1867	48	137	169	2.854	0.811	0.284	12.3	24.35
1018	40.9755	117.7584	-287.9	419	QOA1	0	0	0	0	46	30.5	1963	48	109	177	2.271	0.616	0.271	12.4	24.35
1019	40.9755	117.7579	-287.8	423	QOA1	0	0	0	0	28	30.6	1868	62	80	192	1.290	0.417	0.323	12.3	24.35
1020	40.9754	117.7574	-288.6	422	QOA1	0	0	0	0	43	30.6	1919	50	123	182	2.460	0.676	0.275	12.4	24.38
1021	40.9754	117.7568	-291.2	422	QOA1	0	0	0	0	54	30.6	1822	47	92	208	2.091	0.442	0.212	12.3	24.38
1022	40.9754	117.7563	-293.6	418	QOA1	0	0	0	0	41	30.5	1815	40	64	213	1.600	0.300	0.188	12.4	24.36
1023	40.9753	117.7558	-296.2	415	QOA1	0	0	0	0	41	30.5	1813	40	120	154	3.000	0.779	0.260	12.4	24.37
1024	40.9753	117.7553	-296.3	410	QOA1	0	0	0	0	44	30.4	1862	28	156	184	5.571	0.848	0.152	12.4	24.38
1025	40.9753	117.7547	-299.2	405	QOA1	0	0	0	0	35	30.3	1873	63	125	137	1.984	0.912	0.460	12.4	24.37
1026	40.9752	117.7542	-301.6	403	QOA1	0	0	0	0	54	30.3	1774	48	100	145	2.083	0.690	0.331	12.4	24.37
1027	40.9752	117.7537	-304.2	404	QOA1	0	0	0	0	42	34.0	1806	36	154	158	4.278	0.975	0.228	12.4	24.38
1028	40.9752	117.7531	-306.8	399	QOA1	0	0	0	0	49	33.9	1829	37	81	168	2.189	0.482	0.220	12.4	24.38
1029	40.9751	117.7526	-307.2	401	QOA1	0	0	0	0	36	34.0	1857	42	135	133	3.214	1.015	0.316	12.5	24.39
1030	40.9751	117.7521	-306.3	400	QOA1	0	0	0	0	42	34.0	1865	47	127	152	2.702	0.836	0.309	12.5	24.40
1031	40.9751	117.7515	-303.9	400	QYA	0	0	0	0	39	34.0	1816	48	143	126	2.979	1.135	0.381	12.5	24.40
1032	40.9750	117.7510	-303.5	400	QYA	0	0	0	0	56	33.9	1716	52	95	151	1.827	0.629	0.344	12.5	24.41
1033	40.9750	117.7505	-303.8	405	QYA	0	0	0	0	40	34.0	1601	40	116	101	2.900	1.149	0.396	12.6	24.40
1034	40.9749	117.7500	-305.6	406	QYA	0	0	0	0	47	34.1	1632	29	178	97	6.138	1.835	0.299	12.6	24.40
1035	40.9749	117.7494	-307.0	405	QYA	0	0	0	0	36	34.0	1496	26	141	117	5.423	1.205	0.222	12.6	24.41

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1036	40.9749	117.7489	-307.3	405	QYA	0	0	0	0	39	34.1	1577	50	29	175	0.580	0.166	0.286	12.6	24.41
1037	40.9748	117.7484	-307.4	406	QYA	0	0	0	0	44	34.1	1509	32	90	121	2.813	0.744	0.264	12.6	24.42
1038	40.9748	117.7478	-306.8	401	QYA	0	0	0	0	35	34.0	1561	38	122	121	3.211	1.008	0.314	12.5	24.41
1039	40.9748	117.7473	-304.9	400	QYA	0	0	0	0	32	33.9	1640	41	83	156	2.024	0.532	0.263	12.6	24.42
1040	40.9747	117.7468	-303.0	399	QYA	0	0	0	0	31	33.9	1543	36	51	166	1.417	0.307	0.217	12.6	24.41
1041	40.9747	117.7462	-296.3	404	QYA	0	0	0	0	44	34.0	1602	37	68	156	1.838	0.436	0.237	12.7	24.41
1042	40.9747	117.7457	-292.4	401	QYA	0	0	0	0	49	34.0	1554	34	52	128	1.529	0.406	0.266	12.6	24.40
1043	40.9746	117.7452	-287.8	403	QYA	0	0	0	0	47	34.0	1590	47	35	138	0.745	0.254	0.341	12.7	24.41
1044	40.9746	117.7446	-283.4	402	QYA	0	0	0	0	43	34.0	1557	46	51	169	1.109	0.302	0.272	12.6	24.42
1045	40.9746	117.7441	-280.5	399	QYA	0	0	0	0	35	33.9	1508	33	81	138	2.455	0.587	0.239	12.6	24.42
1046	40.9745	117.7436	-275.6	396	QYA	0	0	0	0	44	34.9	1517	49	63	124	1.286	0.508	0.395	12.6	24.41
1047	40.9745	117.7431	-272.8	392	QYA	0	0	0	0	38	34.8	1538	45	64	128	1.422	0.500	0.352	12.6	24.42
1048	40.9745	117.7425	-270.4	391	QYA	0	0	0	0	41	34.8	1397	29	135	103	4.655	1.311	0.282	12.6	24.42
1049	40.9744	117.7420	-269.0	385	QYA	0	0	0	0	41	34.7	1412	45	49	115	1.089	0.426	0.391	12.5	24.41
1050	40.9744	117.7415	-270.1	388	QYA	0	0	0	0	37	34.7	1361	39	55	110	1.410	0.500	0.355	12.6	24.41
1051	40.9744	117.7409	-271.5	387	QYA	0	0	1	0	48	34.7	1354	41	-15	142	-0.366	-0.106	0.289	12.5	24.44
1052	40.9743	117.7404	-273.8	385	QYA	0	0	1	0	39	34.7	1392	42	18	136	0.429	0.132	0.309	12.6	24.41
1053	40.9743	117.7399	-273.6	388	QYA	0	0	0	0	32	34.7	1532	46	55	119	1.196	0.462	0.387	12.6	24.43
1054	40.9743	117.7393	-272.5	390	QYA	0	0	0	0	40	34.8	1565	30	133	98	4.433	1.357	0.306	12.5	24.41
1055	40.9742	117.7388	-267.1	388	QYA	0	0	0	0	54	34.7	1483	39	35	150	0.897	0.233	0.260	12.5	24.41
1056	40.9742	117.7383	-257.2	390	QYA	0	0	0	0	27	34.8	1562	42	63	145	1.500	0.434	0.290	12.5	24.40
1057	40.9742	117.7377	-236.9	403	QYA	0	0	0	0	50	35.0	1615	45	41	154	0.911	0.266	0.292	12.5	24.39
1058	40.9741	117.7372	-228.3	401	QYA	0	0	0	0	46	35.0	1563	51	69	117	1.353	0.590	0.436	12.5	24.38
1059	40.9741	117.7367	-223.6	401	QYA	0	0	0	0	41	35.0	1612	46	83	142	1.804	0.585	0.324	12.4	24.37
1060	40.9741	117.7362	-216.5	398	QYA	0	0	0	0	45	34.9	1587	44	46	147	1.045	0.313	0.299	12.4	24.38
1061	40.9740	117.7356	-209.6	400	QYA	0	0	0	0	39	35.0	1566	32	113	117	3.531	0.966	0.274	12.4	24.37
1062	40.9740	117.7351	-208.9	405	QYA	0	0	0	0	31	35.1	1525	25	100	143	4.000	0.699	0.175	12.4	24.37
1063	40.9740	117.7346	-202.5	406	QYA	0	0	0	0	48	35.1	1524	40	82	125	2.050	0.656	0.320	12.3	24.36
1064	40.9739	117.7340	-197.8	407	QYA	0	0	0	0	38	35.1	1566	39	95	134	2.436	0.709	0.291	12.4	24.36
1065	40.9739	117.7335	-194.4	405	QYA	0	0	0	0	40	33.4	1542	34	76	147	2.235	0.517	0.231	12.3	24.37
1066	40.9739	117.7330	-189.0	404	QYA	0	0	0	0	54	33.3	1561	27	101	151	3.741	0.669	0.179	12.3	24.37
1067	40.9738	117.7324	-182.4	404	QYA	0	0	0	0	32	33.3	1527	40	125	107	3.125	1.168	0.374	12.3	24.39
1068	40.9738	117.7319	-174.2	402	QYA	0	0	0	0	40	33.3	1569	50	56	131	1.120	0.427	0.382	12.4	24.36
1069	40.9738	117.7314	-163.9	399	QYA	0	0	1	0	50	33.3	1582	43	21	164	0.488	0.128	0.262	12.4	24.38
1070	40.9737	117.7308	-153.5	398	QYA	0	0	0	0	31	33.2	1517	39	51	142	1.308	0.359	0.275	12.5	24.39
1071	40.9737	117.7303	-161.4	394	QYA	0	0	0	0	38	33.2	1573	50	143	77	2.860	1.857	0.649	12.4	24.38
1072	40.9737	117.7298	-180.2	389	QYA	0	0	0	0	41	33.1	1564	55	96	99	1.745	0.970	0.556	12.4	24.39
1073	40.9736	117.7293	-180.4	381	QYA	0	0	0	0	65	32.9	1581	37	68	120	1.838	0.567	0.308	12.4	24.38
1074	40.9736	117.7287	-204.0	386	QYA	0	0	0	0	52	33.0	1549	47	43	149	0.915	0.289	0.315	12.5	24.39
1075	40.9736	117.7282	-230.6	386	QYA	0	0	0	0	31	33.0	1567	39	90	147	2.308	0.612	0.265	12.4	24.38
1076	40.9735	117.7277	-238.4	393	QYA	0	0	0	0	46	33.1	1545	32	83	137	2.594	0.606	0.234	12.4	24.38
1077	40.9735	117.7271	-238.9	398	QYA	0	0	0	0	41	33.2	1649	41	109	135	2.659	0.807	0.304	12.5	24.38
1078	40.9735	117.7266	-240.0	395	QYA	0	0	0	0	61	33.2	1629	48	64	123	1.333	0.520	0.390	12.4	24.37
1079	40.9734	117.7261	-243.4	392	QYA	0	0	0	0	24	33.1	1603	39	110	136	2.821	0.809	0.287	12.4	24.36
1080	40.9734	117.7255	-238.5	392	QQA1	0	0	0	0	46	33.1	1691	36	101	146	2.806	0.692	0.247	12.4	24.36
1081	40.9734	117.7250	-226.3	396	QQA1	0	0	0	0	46	33.2	1653	43	69	182	1.605	0.379	0.236	12.4	24.35
1082	40.9733	117.7245	-218.4	396	QQA1	0	0	0	0	38	33.2	1743	40	140	127	3.500	1.102	0.315	12.4	24.33
1083	40.9733	117.7239	-215.3	396	QQA1	0	0	0	0	53	33.2	1676	35	120	146	3.429	0.822	0.240	12.3	24.35
1084	40.9733	117.7234	-216.4	397	QQA1	0	0	0	0	47	30.1	1609	44	94	129	2.136	0.729	0.341	12.3	24.33
1085	40.9732	117.7229	-216.2	395	QQA1	0	0	0	0	45	30.1	1727	48	99	179	2.063	0.553	0.268	12.3	24.34
1086	40.9732	117.7224	-214.3	396	QQA1	0	0	1	0	49	30.1	1658	53	23	182	0.434	0.126	0.291	12.4	24.35
1087	40.9732	117.7218	-210.4	393	QQA1	0	0	0	0	30	30.0	1726	49	117	148	2.388	0.791	0.331	12.3	24.33
1088	40.9731	117.7213	-206.3	392	QQA1	0	0	0	0	43	30.0	1659	52	48	144	0.923	0.333	0.361	12.3	24.35
1089	40.9731	117.7208	-192.6	393	QQA1	0	0	0	0	35	30.0	1671	48	115	140	2.396	0.821	0.343	12.4	24.33

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1090	40.9731	117.7202	-192.7	394	QOA1	0	0	0	0	30	30.1	1628	61	51	159	0.836	0.321	0.384	12.4	24.35
1091	40.9730	117.7197	-179.5	400	QOA1	0	0	0	0	40	30.1	1696	46	101	151	2.196	0.669	0.305	12.4	24.35
1092	40.9730	117.7192	-176.1	404	QOA1	0	0	0	0	35	30.2	1742	55	66	186	1.200	0.355	0.296	12.4	24.35
1093	40.9730	117.7186	-171.6	410	QOA1	0	0	0	0	44	30.3	1678	38	61	192	1.605	0.318	0.198	12.3	24.33
1094	40.9729	117.7181	-168.5	414	QOA1	0	0	0	0	39	30.4	1758	44	97	166	2.205	0.584	0.265	12.3	24.33
1095	40.9729	117.7176	-167.1	412	QOA1	0	0	0	0	56	30.4	1769	38	102	161	2.684	0.634	0.236	12.3	24.33
1096	40.9729	117.7171	-166.4	410	QOA1	0	0	0	0	33	30.3	1676	41	153	100	3.732	1.530	0.410	12.2	24.33
1097	40.9728	117.7165	-165.8	412	QOA1	0	0	1	0	54	30.4	1665	51	25	189	0.490	0.132	0.270	12.2	24.32
1098	40.9728	117.7160	-165.7	406	QOA1	0	0	0	0	45	30.3	1748	43	89	173	2.070	0.514	0.249	12.2	24.32
1099	40.9728	117.7155	-166.0	402	QOA1	0	0	0	0	45	30.2	1766	48	60	189	1.250	0.317	0.254	12.1	24.31
1100	40.9727	117.7149	-168.2	399	QOA1	0	0	0	0	41	30.1	1734	45	87	160	1.933	0.544	0.281	12.1	24.31
1101	40.9727	117.7144	-172.6	392	QOA1	0	0	0	0	62	30.0	1711	35	128	150	3.657	0.853	0.233	12.1	24.32
1102	40.9727	117.7139	-179.0	387	QOA1	0	0	0	0	59	29.9	1821	50	71	183	1.420	0.388	0.273	12.1	24.32
1103	40.9726	117.7133	-185.6	383	QOA1	0	0	0	0	35	27.0	1747	70	32	161	0.457	0.199	0.435	12.1	24.32
1104	40.9726	117.7128	-192.2	378	QOA1	0	0	0	0	45	26.9	1882	50	97	178	1.940	0.545	0.281	12.0	24.31
1105	40.9726	117.7123	-198.4	373	QOA1	0	0	0	0	35	26.8	1855	51	113	204	2.216	0.554	0.250	12.1	24.31
1106	40.9725	117.7117	-202.7	372	QOA1	0	0	0	0	48	26.8	1890	56	87	185	1.554	0.470	0.303	12.1	24.31
1107	40.9725	117.7112	-203.1	371	QOA1	0	0	0	0	32	26.8	1757	66	47	173	0.712	0.272	0.382	12.1	24.32
1108	40.9725	117.7107	-200.5	364	QOA1	0	0	0	0	48	26.6	1843	67	59	192	0.881	0.307	0.349	12.1	24.31
1109	40.9724	117.7102	-198.6	365	QOA1	0	0	0	0	35	26.7	1820	54	78	190	1.444	0.411	0.284	12.1	24.32
1110	40.9724	117.7096	-201.9	371	QOA1	0	0	0	0	49	26.7	1832	78	53	141	0.679	0.376	0.553	12.1	24.31
1111	40.9724	117.7091	-204.4	379	QOA1	0	0	0	0	53	26.9	1900	54	126	149	2.333	0.846	0.362	12.1	24.31
1112	40.9723	117.7086	-200.7	385	QOA1	0	0	0	0	33	27.0	1862	62	102	158	1.645	0.646	0.392	12.1	24.31
1113	40.9723	117.7080	-195.5	392	QOA1	0	0	0	0	57	27.1	1914	46	109	204	2.370	0.534	0.225	12.1	24.30
1114	40.9723	117.7075	-189.6	399	QOA1	0	0	0	0	44	27.2	1822	41	103	175	2.512	0.589	0.234	12.1	24.31
1115	40.9722	117.7070	-183.6	406	QOA1	0	0	0	0	45	27.3	1975	60	138	175	2.300	0.789	0.343	12.2	24.29
1116	40.9722	117.7064	-176.4	410	QOA1	0	0	0	0	37	27.4	1895	49	148	135	3.020	1.096	0.363	12.1	24.29
1117	40.9722	117.7059	-170.5	412	QOA1	0	0	0	0	37	27.4	1927	64	77	181	1.203	0.425	0.354	12.1	24.27
1118	40.9721	117.7054	-164.9	411	QOA1	0	0	0	0	37	27.4	1901	49	66	200	1.347	0.330	0.245	12.2	24.28
1119	40.9721	117.7048	-158.2	408	QOA1	0	0	0	0	42	27.3	1950	40	169	138	4.225	1.225	0.290	12.2	24.29
1120	40.9721	117.7043	-155.8	406	QOA1	0	0	0	0	50	27.3	1981	82	86	173	1.049	0.497	0.474	12.2	24.29
1121	40.9720	117.7038	-154.5	403	QOA1	0	0	0	0	23	27.3	1914	44	193	143	4.386	1.350	0.308	12.1	24.28
1122	40.9720	117.7033	-154.1	402	QOA1	0	0	0	0	44	28.3	1909	69	70	187	1.014	0.374	0.369	12.2	24.27
1123	40.9720	117.7027	-154.2	405	QOA1	0	0	0	0	48	28.4	1917	51	105	195	2.059	0.538	0.262	12.2	24.28
1124	40.9719	117.7022	-153.7	406	QOA1	0	0	0	0	32	28.4	1870	61	77	171	1.262	0.450	0.357	12.2	24.27
1125	40.9719	117.7017	-155.6	407	QOA1	0	0	0	0	37	28.4	2022	86	61	193	0.709	0.316	0.446	12.1	24.25
1126	40.9719	117.7011	-160.2	403	QOA1	0	0	0	0	46	28.3	1976	58	138	177	2.379	0.780	0.328	12.1	24.25
1127	40.9718	117.7006	-166.1	393	QOA1	0	0	0	0	41	28.2	1967	54	68	223	1.259	0.305	0.242	12.1	24.24
1128	40.9718	117.7001	-173.3	386	QOA1	0	0	0	0	44	28.1	1951	52	144	163	2.769	0.883	0.319	12.1	24.24
1129	40.9717	117.6995	-182.2	385	QOA1	0	0	0	0	46	28.0	1986	59	112	186	1.898	0.602	0.317	12.1	24.25
1130	40.9717	117.6990	-190.3	383	QOA1	0	0	0	0	44	28.0	1944	60	112	164	1.867	0.683	0.366	12.1	24.25
1131	40.9717	117.6985	-197.1	383	QOA1	0	0	0	0	48	28.0	1964	69	37	223	0.536	0.166	0.309	12.1	24.26
1132	40.9716	117.6980	-204.3	378	QOA1	0	0	0	0	30	27.9	1940	61	130	176	2.131	0.739	0.347	12.1	24.24
1133	40.9716	117.6974	-211.7	369	QOA1	0	0	0	0	46	27.8	1912	54	126	144	2.333	0.875	0.375	12.1	24.25
1134	40.9716	117.6969	-216.8	367	QOA1	0	0	0	0	38	27.7	1915	60	81	202	1.350	0.401	0.297	12.1	24.25
1135	40.9715	117.6964	-221.7	365	QOA1	0	0	0	0	36	27.7	1841	61	163	138	2.672	1.181	0.442	12.1	24.24
1136	40.9715	117.6958	-227.0	367	QOA1	0	0	0	0	35	27.7	1973	47	111	193	2.362	0.575	0.244	12.1	24.25
1137	40.9715	117.6953	-232.1	368	QOA1	0	0	0	0	41	27.7	1773	54	131	142	2.426	0.923	0.380	12.1	24.23
1138	40.9714	117.6948	-238.1	371	QOA1	0	0	0	0	40	27.8	1907	55	137	139	2.491	0.986	0.396	12.1	24.23
1139	40.9714	117.6942	-242.5	372	QOA1	0	0	0	0	44	27.8	1912	59	81	196	1.373	0.413	0.301	12.1	24.22
1140	40.9714	117.6937	-251.1	373	QOA1	0	0	0	0	47	27.8	1884	57	80	160	1.404	0.500	0.356	12.1	24.22
1141	40.9713	117.6932	-253.7	373	QOA1	0	0	0	0	48	26.8	1919	75	113	147	1.507	0.769	0.510	12.0	24.22
1142	40.9713	117.6926	-257.3	376	QOA1	0	0	0	0	48	26.9	1911	52	112	170	2.154	0.659	0.306	12.0	24.21
1143	40.9713	117.6921	-260.1	375	QOA1	0	0	0	0	44	26.9	1762	42	167	131	3.976	1.275	0.321	12.0	24.23

REC	LAT	LONG	RMAG	ALT	GEQUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1144	40.9712	117.6916	-263.0	376	QQA1	0	0	0	0	49	26.9	1858	59	63	178	1.068	0.354	0.331	12.0	24.21
1145	40.9712	117.6911	-264.0	383	QQA1	0	0	0	0	44	27.0	1830	70	92	142	1.314	0.648	0.493	12.0	24.21
1146	40.9712	117.6905	-265.3	386	QQA1	0	0	0	0	39	27.1	1897	55	161	148	2.927	1.088	0.372	12.0	24.23
1147	40.9711	117.6900	-265.0	373	QQA1	0	0	0	0	44	26.8	1850	41	130	156	3.171	0.833	0.263	12.0	24.22
1148	40.9711	117.6895	-265.5	358	QQA1	0	0	0	0	51	26.6	1873	42	110	190	2.619	0.579	0.221	12.0	24.20
1149	40.9711	117.6889	-265.2	350	QQA1	0	0	0	0	37	26.5	1795	73	66	151	0.904	0.437	0.483	12.0	24.20
1150	40.9710	117.6884	-264.2	351	QQA1	0	0	0	0	38	26.5	1881	53	82	205	1.547	0.400	0.259	12.0	24.20
1151	40.9710	117.6879	-262.8	360	QQA1	0	0	0	0	53	26.6	1840	66	65	170	0.985	0.382	0.388	12.0	24.20
1152	40.9710	117.6873	-261.8	374	QQA1	0	0	0	0	58	26.9	1878	60	83	166	1.383	0.500	0.361	12.1	24.21
1153	40.9709	117.6868	-259.0	385	QQA1	0	0	0	0	39	27.0	1772	53	103	175	1.943	0.589	0.303	12.0	24.18
1154	40.9709	117.6863	-257.3	398	QQA1	0	0	0	0	47	27.2	1830	60	70	181	1.167	0.387	0.331	12.0	24.17
1155	40.9709	117.6857	-253.8	409	QQA1	0	0	0	0	44	27.4	1831	48	80	193	1.667	0.415	0.249	12.1	24.17
1156	40.9708	117.6852	-253.8	411	QQA1	0	0	0	0	43	27.5	1872	58	158	144	2.724	1.097	0.403	12.1	24.17
1157	40.9708	117.6847	-248.6	397	QQA1	0	0	0	0	38	27.2	1836	42	145	165	3.452	0.879	0.255	12.0	24.16
1158	40.9708	117.6842	-246.5	387	QQA1	0	0	0	0	41	27.1	1809	47	99	180	2.106	0.550	0.261	11.9	24.15
1159	40.9707	117.6836	-244.6	384	QQA1	0	0	0	0	42	27.0	1839	42	115	173	2.738	0.665	0.243	12.0	24.15
1160	40.9707	117.6831	-242.0	381	QQA1	0	0	0	0	39	29.4	1754	45	71	217	1.578	0.327	0.207	12.0	24.13
1161	40.9707	117.6826	-239.4	379	QQA1	0	0	0	0	48	29.4	1826	27	173	146	6.407	1.185	0.185	11.9	24.14
1162	40.9706	117.6820	-236.0	377	QQA1	0	0	0	0	53	29.3	1737	49	77	155	1.571	0.497	0.316	11.9	24.13
1163	40.9706	117.6815	-233.6	375	QQA1	0	0	0	0	40	29.3	1813	54	69	189	1.278	0.365	0.286	11.8	24.13
1164	40.9706	117.6810	-231.7	375	QQA1	0	0	0	0	40	29.3	1801	63	72	200	1.143	0.360	0.315	11.9	24.08
1165	40.9705	117.6804	-229.3	373	QQA1	0	0	0	0	51	29.3	1753	50	78	155	1.560	0.503	0.323	11.8	24.13
1166	40.9705	117.6799	-225.9	371	QQA1	0	0	0	0	32	29.2	1753	48	87	173	1.813	0.503	0.277	11.8	24.12
1167	40.9705	117.6794	-223.5	370	QQA1	0	0	0	0	41	29.2	1794	52	121	130	2.327	0.931	0.400	11.8	24.11
1168	40.9704	117.6788	-219.6	372	QQA1	0	0	0	0	46	29.3	1776	63	62	182	0.984	0.341	0.346	11.8	24.12
1169	40.9704	117.6783	-216.7	375	QQA1	0	0	0	0	45	29.3	1789	40	139	147	3.475	0.946	0.272	11.9	24.12
1170	40.9704	117.6778	-213.3	374	QQA1	0	0	0	0	44	29.3	1756	54	111	132	2.056	0.841	0.409	11.8	24.11
1171	40.9703	117.6773	-210.9	375	QQA1	0	0	0	0	43	29.3	1710	47	108	156	2.298	0.692	0.301	11.8	24.10
1172	40.9703	117.6767	-208.2	375	QQA1	0	0	1	0	45	29.3	1803	63	24	194	0.381	0.124	0.325	11.8	24.12
1173	40.9703	117.6762	-203.1	374	QQA1	0	0	0	0	49	29.3	1764	68	80	140	1.176	0.571	0.486	11.9	24.13
1174	40.9702	117.6757	-201.2	373	QQA1	0	0	0	0	45	29.3	1838	55	109	164	1.982	0.665	0.335	11.8	24.12
1175	40.9702	117.6751	-200.3	369	QQA1	0	0	0	0	49	29.2	1789	82	62	136	0.756	0.456	0.603	11.8	24.12
1176	40.9702	117.6746	-199.2	366	QQA1	0	0	0	0	45	29.1	1820	51	75	206	1.471	0.364	0.248	11.8	24.12
1177	40.9701	117.6741	-198.8	364	QQA1	0	0	0	0	55	29.1	1785	47	98	148	2.085	0.662	0.318	11.8	24.13
1178	40.9701	117.6735	-199.4	360	QQA1	0	0	0	0	48	29.0	1851	55	82	165	1.491	0.497	0.333	11.8	24.12
1179	40.9701	117.6730	-200.3	360	QQA1	0	0	0	0	43	30.3	1829	64	105	148	1.641	0.709	0.432	11.8	24.14
1180	40.9700	117.6725	-201.1	358	QQA1	0	0	0	0	36	30.2	1794	46	42	230	0.913	0.183	0.200	11.7	24.13
1181	40.9700	117.6720	-201.7	358	QQA1	0	0	0	0	53	30.2	1863	53	150	122	2.830	1.230	0.434	11.7	24.13
1182	40.9700	117.6714	-202.1	362	QQA1	0	0	0	0	51	30.3	1837	45	117	182	2.600	0.643	0.247	11.7	24.13
1183	40.9699	117.6709	-202.6	366	QQA1	0	0	0	0	45	30.4	1889	57	97	162	1.796	0.599	0.333	11.7	24.11
1184	40.9699	117.6704	-202.7	373	QQA1	0	0	0	0	48	30.5	1823	53	93	172	1.755	0.541	0.308	11.7	24.11
1185	40.9699	117.6698	-202.2	382	QQA1	0	0	0	0	37	30.7	1823	50	142	162	2.840	0.877	0.309	11.7	24.11
1186	40.9698	117.6693	-203.5	386	QQA1	0	0	0	0	46	30.7	1868	79	60	164	0.759	0.366	0.482	11.6	24.09
1187	40.9698	117.6688	-204.3	393	QQA1	0	0	0	0	45	30.9	1820	53	74	188	1.396	0.394	0.282	11.7	24.10
1188	40.9698	117.6682	-205.9	398	QQA1	0	0	0	0	38	31.0	1832	46	123	134	3.435	1.179	0.343	11.7	24.07
1189	40.9697	117.6677	-205.8	414	QQA1	0	0	0	0	59	31.3	1901	54	115	163	2.130	0.706	0.331	11.7	24.08
1190	40.9697	117.6672	-206.5	433	QG	0	0	0	0	43	31.6	1982	60	67	192	1.117	0.349	0.313	11.6	24.09
1191	40.9697	117.6666	-207.8	444	QG	0	0	0	0	41	31.8	1904	74	39	203	0.527	0.192	0.365	11.6	24.07
1192	40.9696	117.6661	-209.4	443	QG	0	0	0	0	51	31.8	1875	42	91	193	2.167	0.472	0.218	11.6	24.10
1193	40.9696	117.6656	-208.8	437	QG	0	0	0	0	42	31.7	1836	49	75	189	1.531	0.397	0.259	11.6	24.07
1194	40.9696	117.6651	-208.1	435	QG	0	0	0	0	41	31.6	1825	70	43	181	0.614	0.238	0.387	11.6	24.08
1195	40.9695	117.6645	-209.4	442	QG	0	0	0	0	38	31.8	1875	61	75	189	1.230	0.397	0.323	11.7	24.07
1196	40.9695	117.6640	-209.9	453	QG	0	0	0	0	41	32.0	1843	42	138	127	3.286	1.087	0.331	11.6	24.08
1197	40.9695	117.6635	-211.8	454	QG	0	0	0	0	48	32.0	1853	52	137	135	2.635	1.015	0.385	11.7	24.09

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1198	40.9694	117.6629	-212.1	452	QG	0	0	0	0	42	32.3	1875	51	122	160	2.392	0.763	0.319	11.7	24.08
1199	40.9694	117.6624	-212.5	450	QG	0	0	0	0	48	32.3	1911	54	52	213	0.963	0.244	0.254	11.7	24.08
1200	40.9694	117.6619	-211.9	449	QG	0	0	0	0	39	32.3	1818	57	105	118	1.842	0.890	0.483	11.7	24.10
1201	40.9693	117.6613	-210.6	437	QG	0	0	0	0	46	32.1	1858	48	149	139	3.104	1.072	0.345	11.7	24.11
1202	40.9693	117.6608	-210.0	429	QG	0	0	0	0	56	31.9	1895	64	63	167	0.984	0.377	0.383	11.8	24.15
1203	40.9693	117.6603	-209.9	421	QG	0	0	0	0	45	31.8	1924	49	106	159	2.163	0.667	0.308	11.7	24.14
1204	40.9692	117.6597	-208.6	409	QG	0	0	0	0	40	31.6	1916	50	144	167	2.880	0.862	0.299	11.8	24.13
1205	40.9692	117.6592	-207.6	393	QG	0	0	0	0	37	31.3	1913	62	124	187	2.000	0.663	0.332	11.8	24.14
1206	40.9692	117.6587	-205.7	391	QG	0	0	0	0	52	31.2	1877	49	82	164	1.673	0.500	0.299	11.8	24.14
1207	40.9691	117.6582	-204.8	393	QG	0	0	0	0	57	31.3	1782	48	44	175	0.917	0.251	0.274	11.8	24.14
1208	40.9691	117.6576	-203.1	390	QG	0	0	0	0	39	31.2	1901	42	132	157	3.143	0.841	0.268	11.8	24.13
1209	40.9691	117.6571	-201.3	380	QG	0	0	0	0	41	31.0	1857	68	106	176	1.559	0.602	0.386	11.8	24.13
1210	40.9690	117.6566	-200.7	373	QG	0	0	0	0	53	30.9	1854	47	110	181	2.340	0.608	0.260	11.7	24.11
1211	40.9690	117.6560	-200.6	373	QG	0	0	0	0	54	30.9	1785	71	36	139	0.507	0.259	0.511	11.7	24.09
1212	40.9690	117.6555	-200.7	376	QG	0	0	0	0	45	31.0	1791	53	154	112	2.906	1.375	0.473	11.7	24.11
1213	40.9689	117.6550	-200.5	382	QG	0	0	0	0	45	31.1	1831	51	116	158	2.275	0.734	0.323	11.7	24.09
1214	40.9689	117.6544	-201.5	391	QG	0	0	0	0	51	31.2	1876	46	101	171	2.196	0.591	0.269	11.6	24.08
1215	40.9689	117.6539	-201.8	398	QG	0	0	0	0	35	31.4	1940	60	192	106	3.200	1.811	0.566	11.6	24.07
1216	40.9688	117.6534	-202.3	403	QG	0	0	0	0	60	31.5	1853	52	73	177	1.404	0.412	0.294	11.6	24.09
1217	40.9688	117.6529	-202.9	403	QG	0	0	0	0	40	30.3	1859	65	51	186	0.785	0.274	0.349	11.6	24.09
1218	40.9688	117.6523	-203.5	401	QG	0	0	0	0	45	30.2	1864	46	111	165	2.413	0.673	0.279	11.6	24.10
1219	40.9687	117.6518	-202.2	397	QG	0	0	0	0	42	30.1	1780	53	133	111	2.509	1.198	0.477	11.6	24.09
1220	40.9687	117.6513	-200.1	392	QG	0	0	0	0	42	30.1	1807	43	92	183	2.140	0.503	0.235	11.5	24.09
1221	40.9686	117.6507	-196.7	388	QG	0	0	0	0	35	30.0	1730	58	84	171	1.448	0.491	0.339	11.5	24.08
1222	40.9686	117.6502	-196.8	388	QG	0	0	1	0	47	30.0	1725	46	21	211	0.457	0.100	0.218	11.5	24.08
1223	40.9686	117.6497	-188.4	389	QG	0	0	0	0	39	30.0	1761	44	140	137	3.182	1.022	0.321	11.5	24.11
1224	40.9685	117.6491	-182.9	396	QG	0	0	0	0	41	30.1	1833	49	128	161	2.612	0.795	0.304	11.4	24.08
1225	40.9685	117.6486	-176.8	398	QG	0	0	0	0	37	30.2	1887	64	105	139	1.641	0.755	0.460	11.5	24.09
1226	40.9685	117.6481	-172.1	400	QG	0	0	0	0	44	30.2	1888	47	86	204	1.830	0.422	0.230	11.4	24.08
1227	40.9684	117.6475	-167.7	400	QG	0	0	0	0	41	30.2	1908	46	84	201	1.826	0.418	0.229	11.4	24.09
1228	40.9684	117.6470	-164.0	402	QG	0	0	0	0	39	30.3	1871	56	78	186	1.393	0.419	0.301	11.5	24.07
1229	40.9684	117.6465	-161.9	404	QG	0	0	0	0	45	30.3	1904	47	73	204	1.553	0.358	0.230	11.5	24.09
1230	40.9683	117.6460	-159.9	403	QG	0	0	0	0	37	30.3	1895	74	103	160	1.392	0.644	0.462	11.5	24.06
1231	40.9683	117.6454	-161.3	403	QG	0	0	0	0	49	30.3	2007	50	82	204	1.640	0.402	0.245	11.5	24.07
1232	40.9683	117.6449	-165.4	400	QG	0	0	0	0	30	30.2	2020	54	135	189	2.500	0.714	0.286	11.5	24.05
1233	40.9682	117.6444	-170.6	394	QG	0	0	0	0	60	30.1	1972	67	92	165	1.373	0.558	0.406	11.5	24.06
1234	40.9682	117.6438	-179.3	377	QG	0	0	0	0	48	29.8	2058	68	129	192	1.897	0.672	0.354	11.6	24.05
1235	40.9682	117.6433	-191.6	359	QG	0	0	0	0	49	29.5	1998	55	101	187	1.836	0.540	0.294	11.6	24.05
1236	40.9681	117.6428	-205.0	348	QG	0	0	0	0	41	26.0	2058	64	194	151	3.031	1.285	0.424	11.5	24.03
1237	40.9681	117.6422	-217.1	346	QG	0	0	0	0	41	25.9	2097	75	110	180	1.447	0.611	0.422	11.5	24.03
1238	40.9681	117.6417	-227.4	354	TSF	0	0	0	0	42	26.0	2022	71	53	229	0.746	0.231	0.310	11.5	24.01
1239	40.9680	117.6412	-237.3	375	TSF	0	0	0	0	57	26.4	1965	83	41	175	0.494	0.234	0.474	11.6	24.01
1240	40.9680	117.6406	-237.7	396	TSF	0	0	0	0	33	26.7	2009	64	101	224	1.578	0.451	0.286	11.5	23.96
1241	40.9680	117.6401	-237.0	407	TSF	0	0	0	0	31	26.9	2062	72	157	153	2.181	1.026	0.471	11.5	23.95
1242	40.9679	117.6396	-234.8	408	TSF	0	0	0	0	37	26.9	2055	61	75	244	1.230	0.307	0.250	11.5	23.94
1243	40.9679	117.6391	-232.5	407	TSF	0	0	0	0	47	26.9	2157	66	84	236	1.273	0.356	0.280	11.4	23.94
1244	40.9679	117.6385	-231.1	401	TSF	0	0	0	0	40	26.8	2207	80	45	262	0.563	0.172	0.305	11.4	23.92
1245	40.9678	117.6380	-232.3	390	TSF	0	0	0	0	34	26.6	2146	65	132	202	2.031	0.653	0.322	11.4	23.93
1246	40.9678	117.6375	-236.4	389	TSF	0	0	0	0	45	26.6	2160	67	113	218	1.687	0.518	0.307	11.4	23.93
1247	40.9678	117.6369	-242.4	405	TSF	0	0	0	0	51	26.9	2161	65	148	208	2.277	0.712	0.313	11.3	23.93
1248	40.9677	117.6364	-251.1	417	TSF	0	0	0	0	57	27.1	2155	73	109	197	1.493	0.553	0.371	11.3	23.92
1249	40.9677	117.6359	-257.8	430	TSF	0	0	0	0	47	27.3	2045	65	112	190	1.725	0.589	0.342	11.3	23.94
1250	40.9677	117.6353	-264.6	440	TSF	0	0	0	0	45	27.4	2040	55	164	143	2.982	1.147	0.385	11.4	23.93
1251	40.9676	117.6348	-270.2	439	TSF	0	0	0	0	44	27.4	2014	62	198	131	3.194	1.511	0.473	11.4	23.95

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1252	40.9676	117.6343	-276.1	442	TSF	0	0	0	0	32	27.4	2070	56	217	141	3.875	1.539	0.397	11.3	23.95
1253	40.9676	117.6337	-281.7	430	TSF	0	0	0	0	41	27.3	1988	74	114	158	1.541	0.722	0.468	11.3	23.94
1254	40.9675	117.6332	-285.7	386	TSF	0	0	0	0	58	26.6	1985	73	86	156	1.178	0.551	0.468	11.3	23.96
1255	40.9675	117.6327	-286.0	357	TSF	0	0	0	0	39	27.3	1911	63	135	149	2.143	0.906	0.423	11.4	23.96
1256	40.9675	117.6322	-286.4	355	TSF	0	0	0	0	46	27.3	1889	73	95	154	1.301	0.617	0.474	11.4	23.99
1257	40.9674	117.6316	-287.4	370	TSF	0	0	0	0	34	27.5	1856	59	67	195	1.136	0.344	0.303	11.3	23.97
1258	40.9674	117.6311	-287.5	370	TSF	0	0	0	0	49	27.5	1917	59	89	168	1.508	0.530	0.351	11.3	23.95
1259	40.9674	117.6306	-287.1	372	TSF	0	0	0	0	44	27.6	1808	57	110	139	1.930	0.791	0.410	11.3	23.93
1260	40.9673	117.6300	-286.8	381	TSF	0	0	0	0	45	27.7	1766	51	33	213	0.647	0.155	0.239	11.3	23.92
1261	40.9673	117.6295	-285.8	396	TSF	0	0	0	0	44	28.0	1840	76	51	153	0.671	0.333	0.497	11.3	23.92
1262	40.9673	117.6290	-285.8	408	TSF	0	0	0	0	32	28.2	1860	61	96	168	1.574	0.571	0.363	11.3	23.91
1263	40.9672	117.6284	-287.3	416	TSF	0	0	0	0	45	28.3	1839	60	93	169	1.550	0.550	0.355	11.3	23.90
1264	40.9672	117.6279	-285.9	424	TSF	0	0	0	0	61	28.4	1867	52	58	196	1.115	0.296	0.265	11.3	23.88
1265	40.9672	117.6274	-288.2	429	TSF	0	0	0	0	40	28.5	1830	47	121	153	2.574	0.791	0.307	11.2	23.89
1266	40.9671	117.6269	-288.5	431	TSF	0	0	0	0	45	28.5	1856	47	89	206	1.894	0.432	0.228	11.2	23.88
1267	40.9671	117.6263	-289.1	437	TSF	0	0	0	0	47	28.6	1853	41	126	164	3.073	0.768	0.250	11.2	23.89
1268	40.9671	117.6258	-288.3	448	TSF	0	0	0	0	47	28.8	1785	42	108	208	2.571	0.519	0.202	11.3	23.89
1269	40.9670	117.6253	-287.2	438	TSF	0	0	0	0	41	28.6	1805	68	45	179	0.662	0.251	0.380	11.2	23.89
1270	40.9670	117.6247	-285.9	431	TSF	0	0	0	0	55	28.5	1786	35	85	172	2.429	0.494	0.203	11.2	23.88
1271	40.9670	117.6242	-285.5	433	TSF	0	0	0	0	48	28.6	1786	32	100	174	3.125	0.575	0.184	11.2	23.90
1272	40.9669	117.6237	-285.6	435	TSF	0	0	0	0	33	28.6	1728	61	88	132	1.443	0.667	0.462	11.2	23.89
1273	40.9669	117.6231	-288.2	436	TSF	0	0	0	0	51	28.6	1837	69	62	162	0.899	0.383	0.426	11.1	23.89
1274	40.9669	117.6226	-289.5	436	TSF	0	0	0	0	29	27.8	1803	55	70	181	1.273	0.387	0.304	11.1	23.88
1275	40.9668	117.6221	-289.8	439	TSF	0	0	0	0	47	27.9	1769	52	48	201	0.923	0.239	0.259	11.1	23.87
1276	40.9668	117.6215	-290.7	440	TSF	0	0	0	0	45	27.9	1841	61	79	182	1.295	0.434	0.335	11.1	23.87
1277	40.9668	117.6210	-292.0	441	TSF	0	0	0	0	52	27.9	1753	34	172	109	5.059	1.578	0.312	11.1	23.88
1278	40.9667	117.6205	-291.9	437	TSF	0	0	0	0	55	27.8	1753	54	108	142	2.000	0.761	0.380	11.1	23.89
1279	40.9667	117.6200	-293.6	431	TSF	0	0	0	0	45	27.7	1750	66	94	111	1.424	0.847	0.595	11.2	23.90
1280	40.9667	117.6194	-294.8	417	TSF	0	0	0	0	53	27.5	1749	26	161	151	6.192	1.066	0.172	11.2	23.91
1281	40.9666	117.6189	-295.9	409	TSF	0	0	0	0	34	27.4	1846	45	164	162	3.644	1.012	0.278	11.2	23.90
1282	40.9666	117.6184	-296.8	407	TSF	0	0	0	0	43	27.4	1951	61	72	172	1.180	0.419	0.355	11.2	23.91
1283	40.9666	117.6178	-297.4	407	TSF	0	0	0	0	38	27.4	1929	59	55	196	0.932	0.281	0.301	11.2	23.92
1284	40.9665	117.6173	-297.7	407	TSF	0	0	0	0	57	27.4	2011	50	149	170	2.980	0.876	0.294	11.2	23.93
1285	40.9665	117.6168	-298.6	410	TSF	0	0	0	0	47	27.4	2077	44	190	160	4.318	1.188	0.275	11.2	23.91
1286	40.9665	117.6162	-300.4	415	TSF	0	0	0	0	38	27.5	2055	63	111	199	1.762	0.558	0.317	11.1	23.90
1287	40.9664	117.6157	-301.7	422	TSF	0	0	0	0	40	27.6	1996	71	141	151	1.986	0.934	0.470	11.2	23.89
1288	40.9664	117.6152	-302.4	431	TSF	0	0	0	0	38	27.7	1932	62	122	157	1.968	0.777	0.395	11.2	23.87
1289	40.9664	117.6146	-301.7	439	TSF	0	0	0	0	37	27.9	1874	44	115	187	2.614	0.615	0.235	11.1	23.86
1290	40.9663	117.6141	-299.7	450	TSF	0	0	0	0	49	28.0	1946	59	126	170	2.136	0.741	0.347	11.1	23.83
1291	40.9663	117.6136	-297.2	468	TSF	0	0	0	0	54	28.3	2028	41	132	188	3.220	0.702	0.218	11.1	23.83
1292	40.9663	117.6131	-293.9	483	TSF	0	0	0	0	43	28.5	2044	41	142	198	3.463	0.717	0.207	11.1	23.81
1293	40.9662	117.6125	-287.9	491	TSF	0	0	0	0	48	23.2	2130	64	116	187	1.813	0.620	0.342	11.0	23.78
1294	40.9662	117.6120	-280.7	494	TSF	0	0	0	0	47	23.2	2112	54	128	182	2.370	0.703	0.297	11.0	23.74
1295	40.9662	117.6115	-271.3	496	TSF	0	0	0	0	42	23.3	2197	58	202	153	3.483	1.320	0.379	10.9	23.72
1296	40.9661	117.6109	-259.2	497	TSF	0	0	0	0	47	23.3	2303	74	137	208	1.851	0.659	0.356	10.9	23.72
1297	40.9661	117.6104	-246.8	497	TSF	0	0	0	0	64	23.3	2455	80	133	232	1.662	0.573	0.345	10.9	23.67
1298	40.9661	117.6099	-232.4	497	TSF	0	0	0	0	30	23.3	2458	82	87	281	1.061	0.310	0.292	10.8	23.66
1299	40.9660	117.6093	-220.7	496	TSF	0	0	0	0	54	23.3	2610	74	141	333	1.905	0.423	0.222	10.8	23.65
1300	40.9660	117.6088	-210.3	492	TSF	0	0	0	0	47	23.2	2677	78	145	274	1.859	0.529	0.285	10.8	23.64
1301	40.9660	117.6083	-199.0	486	TSF	0	0	0	0	56	23.2	2742	67	237	269	3.537	0.881	0.249	10.8	23.63
1302	40.9659	117.6078	-188.0	464	TSF	0	0	0	0	40	22.9	2925	98	182	325	1.857	0.560	0.302	10.7	23.60
1303	40.9659	117.6072	-176.7	425	TSF	0	0	0	0	61	22.4	2788	90	197	304	2.189	0.648	0.296	10.7	23.57
1304	40.9659	117.6067	-155.4	380	TSF	0	0	0	0	53	21.8	2916	100	192	318	1.920	0.604	0.314	10.6	23.57
1305	40.9658	117.6062	-155.9	337	TSF	0	0	0	0	56	21.2	2772	89	125	392	1.382	0.314	0.227	10.6	23.57

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1306	40.9658	117.6056	-143.6	288	TSF	0	0	0	0	44	20.5	2653	116	110	359	0.948	0.306	0.323	10.6	23.55
1307	40.9658	117.6051	-142.6	269	TSF	0	0	0	0	58	20.3	2650	107	108	350	1.009	0.309	0.306	10.5	23.51
1308	40.9657	117.6046	-140.8	259	TSF	0	0	0	0	60	20.1	2559	89	109	367	1.225	0.297	0.243	10.5	23.50
1309	40.9657	117.6040	-140.2	253	TRD	0	0	0	0	43	20.0	2480	103	90	313	0.874	0.288	0.329	10.4	23.49
1310	40.9657	117.6035	-142.6	249	TRD	0	0	0	0	65	20.0	2397	69	141	328	2.043	0.430	0.210	10.4	23.46
1311	40.9656	117.6030	-147.0	245	TRD	0	0	0	0	36	19.9	2417	90	172	282	1.911	0.610	0.319	10.3	23.45
1312	40.9656	117.6024	-154.3	248	TRD	0	0	0	0	45	18.2	2260	62	119	285	1.919	0.418	0.218	10.3	23.46
1313	40.9656	117.6019	-161.1	253	TRD	0	0	0	0	56	18.3	2190	84	151	203	1.798	0.744	0.414	10.3	23.42
1314	40.9655	117.6014	-166.9	265	TRD	0	0	0	0	69	18.4	2167	43	147	238	3.419	0.618	0.181	10.2	23.41
1315	40.9655	117.6009	-170.6	277	TRD	0	0	0	0	52	18.6	2119	73	130	229	1.781	0.568	0.319	10.1	23.38
1316	40.9654	117.6003	-173.6	288	TRD	0	0	0	0	34	18.7	2227	90	135	243	1.500	0.556	0.370	10.1	23.39
1317	40.9654	117.5998	-176.4	297	TRD	0	0	0	0	54	18.8	2278	89	142	223	1.596	0.637	0.399	10.0	23.39
1318	40.9654	117.5993	-176.7	299	TRD	0	0	0	0	54	18.9	2306	82	187	200	2.280	0.935	0.410	10.0	23.39
1319	40.9653	117.5987	-177.1	295	TRD	0	0	0	0	34	18.8	2196	76	140	282	1.842	0.496	0.270	9.9	23.37
1320	40.9653	117.5982	-175.3	287	TRD	0	0	1	0	45	18.7	2296	99	16	280	0.162	0.057	0.354	9.9	23.37
1321	40.9653	117.5977	-169.4	279	TRD	0	0	0	0	64	18.6	2300	84	174	238	2.071	0.731	0.353	9.8	23.37
1322	40.9652	117.5971	-150.9	267	TRD	0	0	0	0	70	18.4	2459	93	170	273	1.828	0.623	0.341	9.8	23.38
1323	40.9652	117.5966	-133.6	249	TRD	0	0	0	0	58	18.2	2411	81	152	263	1.877	0.578	0.308	9.7	23.36
1324	40.9652	117.5961	-115.6	233	TRD	0	0	0	0	52	18.0	2373	75	243	229	3.240	1.061	0.328	9.7	23.37
1325	40.9651	117.5955	-100.2	237	TRD	0	0	0	0	44	18.0	2372	79	161	285	2.038	0.56	0.277	9.7	23.39
1326	40.9651	117.5950	-96.4	254	TRD	0	0	0	0	71	18.3	2486	91	183	260	2.011	0.704	0.350	9.7	23.39
1327	40.9651	117.5945	-101.6	277	TRD	0	0	0	0	48	18.6	2525	90	133	312	1.478	0.426	0.288	9.7	23.39
1328	40.9650	117.5940	-110.0	295	TRD	0	0	0	0	65	18.8	2614	86	182	316	2.116	0.576	0.272	9.7	23.40
1329	40.9650	117.5934	-118.4	312	TRD	0	0	0	0	52	19.0	2732	109	120	310	1.101	0.387	0.352	9.7	23.43
1330	40.9650	117.5929	-127.1	337	TRD	0	0	0	0	56	19.4	2659	107	155	281	1.449	0.552	0.381	9.7	23.45
1331	40.9649	117.5924	-135.5	366	TRD	0	0	0	0	51	19.0	2709	87	191	286	2.195	0.668	0.304	9.7	23.46
1332	40.9649	117.5918	-143.3	398	TRD	0	0	0	0	44	19.4	2738	97	132	359	1.361	0.368	0.270	9.7	23.48
1333	40.9649	117.5913	-154.1	433	TRD	0	0	0	0	57	19.8	2802	90	157	326	1.744	0.482	0.276	9.7	23.49
1334	40.9648	117.5908	-165.6	470	TRD	0	0	0	0	49	20.2	2876	82	142	401	1.732	0.354	0.204	9.8	23.52
1335	40.9648	117.5902	-176.3	491	TRD	0	0	0	0	47	20.4	2809	81	208	349	2.568	0.596	0.232	9.8	23.53
1336	40.9648	117.5897	-191.1	497	TRD	0	0	0	0	40	20.4	2852	79	200	327	2.532	0.612	0.242	9.8	23.55
1337	40.9647	117.5892	-214.6	509	TRD	0	0	0	0	53	20.6	2922	114	141	284	1.237	0.496	0.401	9.8	23.58
1338	40.9647	117.5886	-214.6	522	TRD	0	0	0	0	60	20.7	2884	88	293	191	3.330	1.534	0.461	9.8	23.61
1339	40.9647	117.5881	-230.1	508	TRD	0	0	0	0	53	20.6	2806	98	133	362	1.357	0.367	0.271	9.9	23.63
1340	40.9646	117.5876	-236.0	498	TRD	0	0	0	0	59	20.5	2633	101	133	250	1.317	0.532	0.404	9.8	23.64
1341	40.9646	117.5871	-240.9	496	TRD	0	0	0	0	68	20.4	2584	100	140	232	1.400	0.603	0.431	9.9	23.66
1342	40.9646	117.5865	-245.2	495	TRD	0	0	0	0	50	20.4	2568	78	267	183	3.423	1.459	0.426	9.9	23.69
1343	40.9645	117.5860	-249.8	495	TRD	0	0	0	0	58	20.4	2464	77	180	237	2.338	0.759	0.325	9.9	23.69
1344	40.9645	117.5855	-253.9	495	TRD	0	0	0	0	50	20.4	2524	94	161	237	1.713	0.679	0.397	9.9	23.73
1345	40.9645	117.5849	-258.0	495	TRD	0	0	0	0	46	20.4	2486	85	132	233	1.553	0.567	0.365	9.9	23.73
1346	40.9644	117.5844	-262.6	493	TRD	0	0	0	0	59	20.4	2471	70	176	216	2.514	0.815	0.324	9.9	23.73
1347	40.9644	117.5839	-264.7	491	TRD	0	0	0	0	34	20.4	2480	88	66	314	0.750	0.210	0.280	10.0	23.74
1348	40.9644	117.5833	-267.4	489	TRD	0	0	0	0	47	20.4	2369	78	143	247	1.833	0.579	0.316	10.0	23.76
1349	40.9643	117.5828	-269.4	489	TRD	0	0	0	0	41	20.4	2387	74	164	212	2.216	0.774	0.349	10.0	23.79
1350	40.9643	117.5823	-271.1	487	TRD	0	0	0	0	50	23.2	2463	99	117	219	1.182	0.534	0.452	10.1	23.81
1351	40.9643	117.5818	-273.3	475	TRD	0	0	0	0	48	23.1	2379	52	192	262	3.692	0.733	0.198	10.1	23.84
1352	40.9642	117.5812	-276.7	457	TRD	0	0	0	0	49	22.9	2399	93	128	230	1.376	0.557	0.404	10.2	23.86
1353	40.9642	117.5807	-279.5	444	TRD	0	0	0	0	43	22.7	2372	71	89	315	1.254	0.283	0.225	10.3	23.88
1354	40.9642	117.5802	-283.6	437	TRD	0	0	0	0	44	22.6	2249	59	157	221	2.661	0.710	0.267	10.3	23.91
1355	40.9641	117.5796	-291.3	434	TRD	0	0	0	0	48	22.6	2402	85	172	216	2.024	0.796	0.394	10.4	23.91
1356	40.9641	117.5791	-295.1	430	TRD	0	0	0	0	47	22.5	2376	39	212	265	5.436	0.800	0.147	10.4	23.90
1357	40.9641	117.5786	-296.8	427	TRD	0	0	0	0	45	22.5	2321	77	181	202	2.351	0.896	0.381	10.5	23.89
1358	40.9640	117.5780	-297.6	423	TRD	0	0	0	0	60	22.4	2390	81	132	220	1.630	0.600	0.368	10.5	23.90
1359	40.9640	117.5775	-297.5	422	TRD	0	0	0	0	38	22.4	2318	48	216	223	4.500	0.969	0.215	10.5	23.90

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1360	40.9640	117.5770	-297.3	422	TRD	0	0	0	0	64	22.4	2307	54	184	225	3.407	0.818	0.240	10.6	23.89
1361	40.9639	117.5764	-297.2	423	TRD	0	0	0	0	44	22.4	2238	50	228	188	4.560	1.213	0.266	10.7	23.90
1362	40.9639	117.5759	-297.5	424	TRD	0	0	0	0	39	22.4	2296	62	176	232	2.839	0.759	0.267	10.7	23.91
1363	40.9639	117.5754	-297.1	426	TRD	0	0	0	0	36	22.5	2224	77	113	197	1.468	0.574	0.391	10.8	23.91
1364	40.9638	117.5749	-296.7	428	TRD	0	0	0	0	46	22.5	2286	62	121	248	1.952	0.488	0.250	10.9	23.91
1365	40.9638	117.5743	-295.3	421	TRD	0	0	0	0	40	22.4	2154	76	109	209	1.434	0.522	0.364	10.9	23.95
1366	40.9638	117.5738	-292.3	409	TRD	0	0	0	0	40	22.2	2181	60	161	206	2.683	0.782	0.291	11.0	23.94
1367	40.9637	117.5733	-289.9	406	TRD	0	0	0	0	53	22.2	2163	79	76	210	0.962	0.362	0.376	11.1	23.96
1368	40.9637	117.5727	-287.0	408	TRD	0	0	0	0	41	22.2	2092	72	95	202	1.319	0.470	0.356	11.1	23.97
1369	40.9637	117.5722	-282.8	409	TRD	0	0	0	0	52	21.8	2036	77	133	169	1.727	0.787	0.456	11.1	23.97
1370	40.9636	117.5717	-279.7	406	TRD	0	0	0	0	38	21.8	1996	54	164	181	3.037	0.906	0.298	11.1	23.97
1371	40.9636	117.5711	-277.0	409	TRD	0	0	0	0	41	21.8	2106	73	106	187	1.452	0.567	0.390	11.2	23.97
1372	40.9636	117.5706	-269.6	417	TRD	0	0	0	0	29	21.9	2163	83	102	203	1.229	0.502	0.409	11.3	23.99
1373	40.9635	117.5701	-264.1	424	TRD	0	0	0	0	51	22.0	2148	78	86	188	1.103	0.457	0.415	11.2	23.99
1374	40.9635	117.5695	-256.4	427	TRD	0	0	0	0	33	22.0	2212	61	176	198	2.885	0.889	0.308	11.3	24.00
1375	40.9635	117.5690	-247.3	426	TRD	0	0	0	0	42	22.0	2136	87	95	201	1.092	0.473	0.433	11.4	24.01
1376	40.9634	117.5685	-235.6	426	QOA1	0	0	0	0	44	22.0	2265	58	175	210	3.017	0.833	0.276	11.4	24.02
1377	40.9634	117.5680	-223.7	427	QOA1	0	0	0	0	40	22.0	2229	91	86	222	0.945	0.387	0.410	11.4	24.01
1378	40.9634	117.5674	-212.1	426	QOA1	0	0	0	0	41	22.0	2291	86	137	160	1.593	0.856	0.538	11.4	24.03
1379	40.9633	117.5669	-199.2	421	QOA1	0	0	0	0	50	22.0	2309	71	215	173	3.028	1.243	0.410	11.4	24.01
1380	40.9633	117.5664	-185.1	419	QOA1	0	0	0	0	34	21.9	2387	83	172	193	2.072	0.891	0.430	11.4	24.03
1381	40.9633	117.5658	-171.7	419	QOA1	0	0	0	0	48	21.9	2229	78	119	233	1.526	0.511	0.335	11.4	24.01
1382	40.9632	117.5653	-158.8	422	QOA1	0	0	0	0	32	22.0	2301	93	118	222	1.269	0.532	0.419	11.4	24.00
1383	40.9632	117.5648	-149.1	427	QOA1	0	0	0	0	29	22.0	2318	63	137	292	2.175	0.469	0.216	11.4	23.99
1384	40.9632	117.5642	-141.1	428	QOA1	0	0	0	0	40	22.0	2474	93	110	248	1.183	0.444	0.375	11.4	23.98
1385	40.9631	117.5637	-135.3	426	QOA1	0	0	0	0	44	22.0	2483	81	176	245	2.173	0.718	0.331	11.3	23.94
1386	40.9631	117.5632	-133.4	424	QOA1	0	0	0	0	41	22.0	2585	97	138	246	1.423	0.561	0.394	11.3	23.94
1387	40.9631	117.5627	-135.5	421	QOA1	0	0	0	0	53	22.0	2565	108	117	230	1.083	0.509	0.470	11.3	23.92
1388	40.9630	117.5621	-135.7	415	QOA1	0	0	0	0	50	21.5	2599	89	161	242	1.809	0.665	0.368	11.3	23.91
1389	40.9630	117.5616	-139.8	408	QOA1	0	0	0	0	49	21.4	2565	90	242	241	2.689	1.004	0.373	11.3	23.89
1390	40.9630	117.5611	-143.8	392	QOA1	0	0	0	0	45	21.2	2487	65	162	276	2.492	0.587	0.236	11.2	23.87
1391	40.9629	117.5605	-146.0	376	QOA1	0	0	0	0	49	21.0	2476	79	138	283	1.747	0.488	0.279	11.2	23.85
1392	40.9629	117.5600	-148.5	360	QOA1	0	0	0	0	48	20.8	2405	84	131	247	1.560	0.530	0.340	11.2	23.83
1393	40.9629	117.5595	-151.8	340	QOA1	0	0	0	0	51	20.5	2298	60	198	228	3.300	0.868	0.263	11.2	23.82
1394	40.9628	117.5589	-155.6	335	QOA1	0	0	0	0	47	20.5	2171	60	82	242	1.367	0.339	0.248	11.2	23.82
1395	40.9628	117.5584	-163.6	357	QOA1	0	0	0	0	58	20.8	2234	74	73	241	0.986	0.303	0.307	11.2	23.82
1396	40.9628	117.5579	-170.0	404	QOA1	0	0	0	0	52	21.4	2357	95	96	268	1.011	0.358	0.354	11.3	23.82
1397	40.9627	117.5573	-183.8	446	QOA1	0	0	0	0	45	21.9	2357	60	210	227	3.500	0.925	0.264	11.3	23.82
1398	40.9627	117.5568	-195.0	464	QOA1	0	0	0	0	53	22.1	2392	78	141	269	1.808	0.524	0.290	11.3	23.83
1399	40.9627	117.5563	-204.1	488	QOA1	0	0	0	0	53	22.4	2471	111	146	199	1.315	0.734	0.558	11.3	23.85
1400	40.9626	117.5558	-211.5	491	QOA1	0	0	0	0	42	22.4	2420	74	132	216	1.784	0.611	0.343	11.4	23.85
1401	40.9626	117.5552	-221.3	491	QOA1	0	0	0	0	60	22.4	2344	109	56	197	0.514	0.284	0.553	11.4	23.87
1402	40.9626	117.5547	-226.1	491	QOA1	0	0	0	0	52	22.4	2277	60	125	251	2.083	0.498	0.239	11.3	23.87
1403	40.9625	117.5542	-232.5	490	QOA1	0	0	0	0	38	22.4	2374	68	109	316	1.603	0.345	0.215	11.3	23.91
1404	40.9625	117.5536	-238.8	490	QOA1	0	0	0	0	48	22.4	2392	80	129	241	1.612	0.535	0.332	11.3	23.91
1405	40.9625	117.5531	-249.7	495	QOA1	0	0	0	0	52	22.4	2390	52	174	209	3.346	0.833	0.249	11.3	23.95
1406	40.9624	117.5526	-254.8	494	QOA1	0	0	1	0	69	22.4	2468	100	32	292	0.320	0.110	0.342	11.2	23.93
1407	40.9624	117.5520	-259.6	499	QOA1	0	0	0	0	47	23.9	2343	67	78	257	1.164	0.304	0.261	11.3	23.96
1408	40.9623	117.5515	-261.5	549	QOA1	0	0	0	0	35	24.5	2571	81	103	298	1.272	0.346	0.272	11.3	23.97
1409	40.9623	117.5510	-261.2	570	QOA1	0	0	0	0	52	24.7	2564	86	98	273	1.140	0.359	0.315	11.2	23.98
1410	40.9623	117.5504	-260.3	574	QOA1	0	0	0	0	49	24.8	2492	64	113	284	1.766	0.398	0.225	11.3	24.00
1411	40.9622	117.5499	-258.4	540	QOA1	0	0	0	0	50	24.4	2425	65	193	199	2.969	0.970	0.327	11.2	24.02
1412	40.9622	117.5494	-255.3	504	QOA1	0	0	0	0	62	24.0	2331	70	107	209	1.529	0.512	0.335	11.2	24.04
1413	40.9622	117.5489	-251.2	496	QOA1	0	0	0	0	39	23.9	2339	82	180	182	2.195	0.989	0.451	11.2	24.05

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1414	40.9621	117.5483	-246.6	495	QOA1	0	0	0	0	36	23.9	2373	79	132	223	1.671	0.592	0.354	11.2	24.08
1415	40.9621	117.5478	-243.6	495	QOA1	0	0	0	0	47	23.9	2430	92	140	180	1.522	0.778	0.511	11.3	24.11
1416	40.9621	117.5473	-243.5	494	QOA1	0	0	0	0	36	23.8	2415	69	128	275	1.855	0.465	0.251	11.3	24.12
1417	40.9620	117.5467	-243.9	492	QOA1	0	0	0	0	50	23.8	2329	89	86	231	0.966	0.372	0.385	11.3	24.16
1418	40.9620	117.5462	-243.8	485	QOA1	0	0	0	0	37	23.7	2330	79	199	184	2.519	1.082	0.429	11.4	24.17
1419	40.9620	117.5457	-243.0	465	QOA1	0	0	0	0	46	23.5	2225	67	133	257	1.985	0.518	0.261	11.3	24.17
1420	40.9619	117.5451	-240.1	443	QOA1	0	0	0	0	50	23.2	2214	52	162	191	3.115	0.848	0.272	11.4	24.19
1421	40.9619	117.5446	-240.3	425	QOA1	0	0	0	0	38	23.0	2169	89	137	173	1.539	0.792	0.514	11.4	24.19
1422	40.9619	117.5441	-238.8	411	QOA1	0	0	0	0	38	22.8	2184	59	134	221	2.271	0.606	0.267	11.5	24.22
1423	40.9618	117.5435	-238.0	397	QOA1	0	0	0	0	37	22.6	2214	72	158	184	2.194	0.859	0.391	11.5	24.22
1424	40.9618	117.5430	-239.2	390	QOA1	0	0	0	0	42	22.5	2226	56	171	240	3.054	0.712	0.233	11.6	24.25
1425	40.9618	117.5425	-240.2	391	QOA1	0	0	0	0	52	22.5	2206	73	147	185	2.014	0.795	0.395	11.6	24.24
1426	40.9617	117.5420	-243.1	392	QOA1	0	0	0	0	57	23.0	2252	67	161	187	2.403	0.861	0.358	11.6	24.25
1427	40.9617	117.5414	-243.9	396	QOA1	0	0	0	0	45	23.0	2161	64	158	207	2.469	0.763	0.309	11.7	24.25
1428	40.9617	117.5409	-244.5	399	QOA1	0	0	0	0	64	23.0	2079	55	118	193	2.145	0.611	0.285	11.7	24.24
1429	40.9616	117.5404	-244.1	398	QOA1	0	0	0	0	42	23.0	2204	74	127	210	1.716	0.605	0.352	11.6	24.24
1430	40.9616	117.5398	-242.7	400	QOA1	0	0	0	0	40	23.1	2289	100	35	241	0.350	0.145	0.415	11.6	24.23
1431	40.9616	117.5393	-242.5	401	QOA1	0	0	0	0	46	23.1	2326	81	153	178	1.889	0.860	0.455	11.6	24.21
1432	40.9615	117.5388	-241.4	400	QOA1	0	0	0	0	40	23.1	2228	72	166	205	2.306	0.810	0.351	11.6	24.22
1433	40.9615	117.5382	-240.3	394	QOA1	0	0	0	0	49	23.0	2235	84	104	201	1.238	0.517	0.418	11.7	24.22
1434	40.9615	117.5377	-239.8	397	QOA1	0	0	0	0	48	23.0	2322	77	246	170	3.195	1.447	0.453	11.6	24.23
1435	40.9614	117.5372	-238.4	401	QOA1	0	0	0	0	43	23.1	2300	83	122	217	1.470	0.562	0.382	11.6	24.23
1436	40.9614	117.5367	-237.5	403	QOA1	0	0	0	0	37	23.1	2173	78	117	207	1.500	0.565	0.377	11.6	24.23
1437	40.9614	117.5361	-235.5	408	QOA1	0	0	0	0	43	23.2	2202	73	69	247	0.945	0.279	0.296	11.7	24.24
1438	40.9613	117.5356	-235.6	418	QOA1	0	0	0	0	53	23.3	2281	86	68	238	0.791	0.286	0.361	11.8	24.26
1439	40.9613	117.5351	-233.3	426	QOA1	0	0	0	0	46	23.4	2284	79	141	210	1.785	0.671	0.376	11.7	24.23
1440	40.9613	117.5345	-234.1	433	QOA1	0	0	0	0	48	23.5	2247	89	122	223	1.371	0.547	0.399	11.7	24.23
1441	40.9612	117.5340	-235.4	436	QOA1	0	0	0	0	48	23.5	2291	86	86	200	1.000	0.430	0.430	11.8	24.23
1442	40.9612	117.5335	-238.8	438	QOA1	0	0	0	0	44	23.6	2143	55	170	170	3.091	1.000	0.324	11.7	24.24
1443	40.9612	117.5329	-243.9	439	QOA1	0	0	0	0	52	23.6	2256	71	162	175	2.282	0.926	0.406	11.8	24.25
1444	40.9611	117.5324	-250.5	439	QOA1	0	0	0	0	50	23.6	2288	76	109	192	1.434	0.568	0.396	11.8	24.22
1445	40.9611	117.5319	-257.1	436	QOA1	0	0	0	0	45	24.0	2060	55	122	200	2.218	0.610	0.275	11.7	24.22
1446	40.9611	117.5313	-265.4	440	QOA1	0	0	0	0	42	24.0	2081	61	194	172	3.180	1.128	0.355	11.7	24.22
1447	40.9610	117.5308	-271.7	443	QOA1	0	0	0	0	40	24.1	2048	75	161	143	2.147	1.126	0.524	11.7	24.22
1448	40.9610	117.5303	-278.3	443	QOA1	0	0	0	0	38	24.1	2145	83	90	211	1.084	0.427	0.393	11.6	24.21
1449	40.9610	117.5298	-282.4	447	QOA1	0	0	0	0	45	24.1	2065	67	177	135	2.642	1.311	0.496	11.7	24.21
1450	40.9609	117.5292	-287.2	448	QOA1	0	0	0	0	61	24.1	2127	56	126	179	2.250	0.704	0.313	11.7	24.21
1451	40.9609	117.5287	-289.5	452	QOA1	0	0	0	0	55	24.2	2141	57	146	198	2.561	0.737	0.288	11.7	24.19
1452	40.9609	117.5282	-291.4	455	QOA1	0	0	0	0	42	24.2	2195	66	159	204	2.409	0.779	0.324	11.6	24.20
1453	40.9608	117.5276	-293.5	454	QOA1	0	0	0	0	46	24.2	2332	77	150	198	1.948	0.758	0.389	11.7	24.19
1454	40.9608	117.5271	-293.3	453	QOA1	0	0	0	0	35	24.2	2322	83	137	200	1.651	0.685	0.415	11.7	24.20
1455	40.9608	117.5266	-291.2	449	QOA1	0	0	0	0	40	24.2	2323	87	156	188	1.793	0.830	0.463	11.7	24.23
1456	40.9607	117.5260	-288.4	444	QOA1	0	0	0	0	44	24.1	2371	96	130	199	1.354	0.653	0.482	11.7	24.23
1457	40.9607	117.5255	-285.7	441	QOA1	0	0	0	0	47	24.1	2378	81	173	174	2.136	0.994	0.466	11.7	24.24
1458	40.9607	117.5250	-282.1	440	QOA1	0	0	0	0	47	24.0	2335	82	91	252	1.110	0.361	0.325	11.8	24.23
1459	40.9606	117.5244	-277.6	443	QOA1	0	0	0	0	41	24.1	2264	86	88	233	1.023	0.378	0.369	11.8	24.25
1460	40.9606	117.5239	-273.2	444	QOA1	0	0	0	0	44	24.1	2202	77	97	241	1.260	0.402	0.320	11.8	24.24
1461	40.9606	117.5234	-269.1	445	QOA1	0	0	0	0	46	24.1	2239	72	116	251	1.611	0.462	0.287	11.8	24.25
1462	40.9605	117.5229	-264.9	448	QOA1	0	0	0	0	34	24.1	2192	61	133	189	2.180	0.704	0.323	11.9	24.27
1463	40.9605	117.5223	-260.5	452	QOA1	0	0	0	0	47	24.2	2172	61	130	194	2.131	0.670	0.314	11.8	24.26
1464	40.9605	117.5218	-256.0	456	QOA1	0	0	0	0	40	25.5	2178	63	168	196	2.667	0.857	0.321	11.9	24.27
1465	40.9604	117.5213	-252.1	463	QOA1	0	0	0	0	46	25.6	2198	63	175	174	2.778	1.006	0.362	11.9	24.27
1466	40.9604	117.5207	-248.2	462	QOA1	0	0	0	0	41	25.5	2308	67	137	246	2.045	0.557	0.272	11.9	24.26
1467	40.9604	117.5202	-244.5	465	QOA1	0	0	0	0	45	25.6	2304	86	79	266	0.919	0.297	0.323	11.9	24.29

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1468	40.9603	117.5197	-241.9	459	QOA1	0	0	0	0	55	25.5	2324	70	129	244	1.843	0.529	0.287	11.9	24.29
1469	40.9603	117.5191	-238.3	459	QOA1	0	0	0	0	34	25.5	2162	69	188	150	2.725	1.253	0.460	11.9	24.27
1470	40.9603	117.5186	-232.6	454	QOA1	0	0	0	0	51	25.4	2262	92	105	195	1.141	0.538	0.472	11.9	24.27
1471	40.9602	117.5181	-232.8	450	QOA1	0	0	0	0	44	25.4	2169	70	158	185	2.257	0.854	0.378	11.9	24.28
1472	40.9602	117.5176	-230.1	450	QOA1	0	0	0	0	43	25.4	2134	61	136	209	2.230	0.651	0.292	11.9	24.27
1473	40.9602	117.5170	-229.5	447	QOA1	0	0	0	0	31	25.3	2189	87	84	215	0.966	0.391	0.405	11.9	24.27
1474	40.9601	117.5165	-227.6	441	QOA1	0	0	0	0	46	25.3	2153	60	198	151	3.300	1.311	0.397	11.9	24.27
1475	40.9601	117.5160	-227.0	435	QOA1	0	0	0	0	45	25.2	2111	77	94	198	1.221	0.475	0.389	11.9	24.27
1476	40.9601	117.5154	-225.7	432	QOA1	0	0	0	0	44	25.1	2111	83	115	172	1.386	0.669	0.483	11.9	24.27
1477	40.9600	117.5149	-225.1	425	QOA1	0	0	0	0	38	25.0	2173	66	144	198	2.182	0.727	0.333	11.9	24.27
1478	40.9600	117.5144	-223.7	421	QOA1	0	0	0	0	40	25.0	2127	67	158	174	2.358	0.908	0.385	11.9	24.27
1479	40.9600	117.5138	-222.1	414	QOA1	0	0	0	0	46	24.9	2197	69	131	214	1.899	0.612	0.322	11.9	24.28
1480	40.9599	117.5133	-220.8	409	QOA1	0	0	0	0	37	24.8	2216	91	100	215	1.099	0.465	0.423	11.9	24.28
1481	40.9599	117.5128	-219.4	407	QOA1	0	0	0	0	37	24.8	2171	68	189	191	2.779	0.990	0.356	11.9	24.29
1482	40.9599	117.5122	-218.0	402	QOA1	0	0	0	0	40	24.7	2198	64	135	230	2.109	0.587	0.278	11.9	24.30
1483	40.9598	117.5117	-218.6	398	QOA1	0	0	0	0	48	24.0	2162	82	113	185	1.378	0.611	0.443	11.9	24.27
1484	40.9598	117.5112	-218.5	398	QOA1	0	0	0	0	29	24.0	2148	91	82	233	0.901	0.352	0.391	11.9	24.29
1485	40.9598	117.5107	-218.3	398	QOA1	0	0	0	0	44	24.0	2243	80	124	199	1.550	0.623	0.402	11.9	24.30
1486	40.9597	117.5101	-219.1	403	QOA1	0	0	0	0	55	24.1	2142	75	77	210	1.027	0.367	0.357	11.9	24.27
1487	40.9597	117.5096	-219.2	409	QOA1	0	0	0	0	47	24.2	2115	63	114	192	1.810	0.594	0.328	11.9	24.26
1488	40.9597	117.5091	-219.2	419	QOA1	0	0	0	0	32	24.3	2147	80	140	181	1.750	0.773	0.442	12.0	24.27
1489	40.9596	117.5085	-214.7	424	QOA1	0	0	0	0	37	24.4	2063	34	225	165	6.618	1.364	0.206	12.0	24.26
1490	40.9596	117.5080	-212.3	425	QOA1	0	0	0	0	51	24.4	2030	52	92	226	1.769	0.407	0.230	12.0	24.27
1491	40.9596	117.5075	-211.7	418	QOA1	0	0	0	0	51	24.3	2078	63	121	195	1.921	0.621	0.323	12.0	24.27
1492	40.9595	117.5069	-209.4	413	QOA1	0	0	0	0	32	24.2	2119	69	211	123	3.058	1.715	0.561	12.0	24.28
1493	40.9595	117.5064	-208.0	409	QOA1	0	0	0	0	58	24.2	2130	60	69	234	1.150	0.295	0.256	12.1	24.27
1494	40.9594	117.5059	-208.7	400	QOA1	0	0	0	0	39	24.0	2133	89	91	198	1.022	0.460	0.449	12.0	24.31
1495	40.9595	117.5054	-210.4	395	QOA1	0	0	0	0	33	24.0	2186	74	106	251	1.432	0.422	0.295	12.1	24.30
1496	40.9596	117.5050	-211.6	387	QOA1	0	0	0	0	39	23.9	2142	77	106	227	1.377	0.467	0.339	12.1	24.31
1497	40.9597	117.5046	-214.4	389	QOA1	0	0	0	0	41	23.9	2142	74	134	195	1.811	0.687	0.379	12.0	24.31
1498	40.9597	117.5041	-216.1	390	QOA1	0	0	0	0	39	23.9	2162	86	127	187	1.477	0.679	0.460	12.1	24.31
1499	40.9598	117.5037	-218.2	392	QOA1	0	0	0	0	42	23.9	2072	59	158	180	2.678	0.878	0.328	12.1	24.32
1500	40.9599	117.5033	-219.3	394	QOA1	0	0	0	0	42	24.0	2090	69	137	177	1.986	0.774	0.390	12.1	24.32
1501	40.9600	117.5028	-221.4	395	QOA1	0	0	0	0	40	24.0	2070	81	53	211	0.654	0.251	0.384	12.1	24.35
1502	40.9600	117.5024	-222.8	399	QOA1	0	0	0	0	33	20.6	2098	64	212	175	3.313	1.211	0.366	12.1	24.32
1503	40.9601	117.5020	-225.1	408	QOA1	0	0	0	0	42	20.7	2035	50	193	166	3.860	1.163	0.301	12.1	24.33
1504	40.9602	117.5015	-228.7	412	QOA1	0	0	0	0	44	20.7	2042	67	44	255	0.657	0.173	0.263	12.2	24.31
1505	40.9603	117.5011	-236.3	417	QOA1	0	0	0	0	55	20.8	2149	76	158	181	2.079	0.873	0.420	12.2	24.32
1506	40.9603	117.5007	-239.2	413	QOA1	0	0	0	0	31	20.7	2160	96	38	217	0.396	0.175	0.442	12.1	24.31
1507	40.9604	117.5002	-243.6	411	QOA1	0	0	0	0	43	20.7	2114	9[illegible]	62	222	0.660	0.279	0.423	12.1	24.32
1508	40.9605	117.4998	-247.0	409	QOA1	0	0	0	0	49	20.7	2191	50	158	184	3.160	0.859	0.272	12.1	24.34
1509	40.9606	117.4994	-249.4	411	QYA	0	0	0	0	43	20.7	2110	66	97	223	1.470	0.435	0.296	12.1	24.33
1510	40.9606	117.4989	-248.0	412	QYA	0	0	0	0	39	20.7	2233	91	126	211	1.385	0.597	0.431	12.1	24.33
1511	40.9607	117.4985	-249.7	411	QYA	0	0	0	0	36	20.7	2262	86	91	223	1.058	0.408	0.386	12.1	24.33
1512	40.9608	117.4981	-251.3	413	QYA	0	0	0	0	40	20.7	2265	108	107	189	0.991	0.566	0.571	12.1	24.32
1513	40.9609	117.4976	-253.7	408	QYA	0	0	0	0	47	20.7	2171	81	128	170	1.580	0.753	0.476	12.1	24.32
1514	40.9609	117.4972	-255.9	406	QYA	0	0	0	0	40	20.6	2240	78	163	199	2.090	0.819	0.392	12.1	24.32
1515	40.9610	117.4968	-258.9	410	QYA	0	0	0	0	39	20.7	2306	84	151	196	1.798	0.770	0.429	12.0	24.31
1516	40.9611	117.4963	-261.8	409	QYA	0	0	0	0	62	20.7	2259	71	126	219	1.775	0.575	0.324	12.0	24.31
1517	40.9612	117.4959	-263.5	408	QYA	0	0	0	0	40	20.7	2267	79	211	168	2.671	1.256	0.470	12.1	24.31
1518	40.9612	117.4955	-263.2	404	QYA	0	0	0	0	43	20.6	2356	111	129	205	1.162	0.629	0.541	12.0	24.31
1519	40.9613	117.4950	-263.3	404	QYA	0	0	0	0	35	20.6	2230	74	153	198	2.068	0.773	0.374	11.9	24.29
1520	40.9614	117.4946	-263.2	404	QYA	0	0	0	0	60	20.6	2322	80	123	216	1.537	0.569	0.370	12.0	24.29
1521	40.9615	117.4942	-263.3	402	QYA	0	0	0	0	46	19.8	2284	74	187	201	2.527	0.930	0.368	12.0	24.31

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1522	40.9615	117.4937	-264.0	404	QYA	0	0	0	0	55	19.8	2230	81	164	198	2.025	0.828	0.409	12.0	24.31
1523	40.9616	117.4933	-265.3	405	QYA	0	0	0	0	33	19.8	2229	82	125	202	1.524	0.619	0.406	11.9	24.30
1524	40.9617	117.4929	-265.5	404	QYA	0	0	0	0	42	19.8	2309	69	144	204	2.087	0.706	0.338	12.0	24.29
1525	40.9618	117.4924	-265.4	404	QYA	0	0	0	0	27	19.8	2277	83	177	192	2.133	0.922	0.432	12.0	24.29
1526	40.9618	117.4920	-266.2	407	QYA	0	0	0	0	41	19.8	2320	101	135	201	1.337	0.672	0.502	12.0	24.29
1527	40.9619	117.4916	-266.3	408	QYA	0	0	0	0	46	19.8	2421	73	138	288	1.890	0.479	0.253	12.0	24.27
1528	40.9620	117.4911	-268.0	410	QYA	0	0	0	0	50	19.8	2244	91	129	179	1.418	0.721	0.508	12.1	24.29
1529	40.9621	117.4907	-269.8	411	QYA	0	0	0	0	45	19.9	2272	69	239	143	3.464	1.671	0.483	12.1	24.28
1530	40.9621	117.4903	-271.2	412	QYA	0	0	0	0	34	19.9	2213	54	253	174	4.685	1.454	0.310	12.1	24.29
1531	40.9622	117.4898	-276.1	412	QYA	0	0	0	0	41	19.9	2171	74	161	184	2.176	0.875	0.402	12.1	24.28
1532	40.9623	117.4894	-280.0	410	QYA	0	0	0	0	34	19.8	2150	60	138	193	2.300	0.715	0.311	12.1	24.29
1533	40.9624	117.4890	-284.7	407	QYA	0	0	0	0	35	19.8	2143	72	173	139	2.403	1.245	0.518	12.1	24.27
1534	40.9624	117.4885	-288.6	406	QYA	0	0	0	0	44	19.8	2052	67	173	164	2.582	1.055	0.409	12.1	24.31
1535	40.9625	117.4881	-291.2	402	QYA	0	0	0	0	33	19.8	2087	44	335	101	7.614	3.317	0.436	12.1	24.29
1536	40.9626	117.4876	-293.6	403	QYA	0	0	0	0	30	19.8	2156	46	306	93	6.652	3.290	0.495	12.1	24.31
1537	40.9627	117.4872	-295.7	405	QYA	0	0	0	0	41	19.8	2273	30	405	86	13.500	4.709	0.349	12.1	24.30
1538	40.9627	117.4868	-295.8	408	QYA	0	0	0	0	41	19.8	2485	55	419	71	7.618	5.901	0.775	12.2	24.31
1539	40.9628	117.4863	-297.1	416	QYA	0	0	0	0	34	19.9	2394	36	440	103	12.222	4.272	0.350	12.2	24.31
1540	40.9629	117.4859	-298.2	427	QYA	0	0	0	0	37	22.4	2324	37	396	73	10.703	5.425	0.507	12.2	24.29
1541	40.9630	117.4855	-298.3	427	QYA	0	0	0	0	48	22.4	2139	34	341	110	10.029	3.100	0.309	12.3	24.29
1542	40.9630	117.4850	-297.4	430	QYA	0	0	0	0	40	22.4	2061	43	253	114	5.884	2.219	0.377	12.3	24.30
1543	40.9631	117.4846	-297.8	428	QYA	0	0	0	0	60	22.4	2018	65	135	149	2.077	0.906	0.436	12.3	24.31
1544	40.9632	117.4842	-298.8	425	QYA	0	0	0	0	48	22.3	1953	42	169	151	4.024	1.119	0.278	12.3	24.33
1545	40.9633	117.4837	-300.7	424	QYA	0	0	0	0	54	22.3	2014	50	186	136	3.720	1.368	0.368	12.3	24.32
1546	40.9633	117.4833	-303.0	423	QYA	0	0	0	0	49	22.3	2021	62	184	146	2.968	1.260	0.425	12.3	24.33
1547	40.9634	117.4829	-303.7	423	QYA	0	0	0	0	28	22.3	2035	55	261	112	4.745	2.330	0.491	12.3	24.32
1548	40.9635	117.4824	-304.6	423	QYA	0	0	0	0	50	22.3	2010	66	125	158	1.894	0.791	0.418	12.3	24.33
1549	40.9636	117.4820	-305.9	424	QYA	0	0	0	0	56	22.3	2004	62	172	103	2.774	1.670	0.602	12.4	24.34
1550	40.9636	117.4816	-307.6	424	QYA	0	0	0	0	41	22.3	1993	68	224	105	3.294	2.133	0.648	12.4	24.35
1551	40.9637	117.4811	-305.8	418	QYA	0	0	0	0	36	22.2	1974	64	156	184	2.438	0.848	0.348	12.4	24.33
1552	40.9638	117.4807	-304.9	415	QYA	0	0	0	0	51	22.2	2036	66	108	193	1.636	0.560	0.342	12.3	24.33
1553	40.9639	117.4803	-302.0	416	QYA	0	0	0	0	41	22.2	2163	64	207	141	3.234	1.468	0.454	12.4	24.35
1554	40.9639	117.4798	-297.7	419	QYA	0	0	0	0	37	22.3	2060	60	118	189	1.967	0.624	0.317	12.4	24.35
1555	40.9640	117.4794	-287.0	422	QYA	0	0	0	0	34	22.3	2095	75	84	201	1.120	0.418	0.373	12.4	24.35
1556	40.9641	117.4790	-281.6	425	QYA	0	0	0	0	36	22.3	2115	70	108	192	1.543	0.563	0.365	12.3	24.34
1557	40.9642	117.4785	-277.0	429	QYA	0	0	0	0	37	22.4	1987	74	149	142	2.014	1.049	0.521	12.3	24.32
1558	40.9642	117.4781	-273.6	431	QYA	0	0	0	0	37	22.4	2069	71	154	139	2.169	1.108	0.511	12.3	24.31
1559	40.9643	117.4777	-271.7	437	QYA	0	0	0	0	45	28.8	1929	61	105	175	1.721	0.600	0.349	12.3	24.32
1560	40.9644	117.4772	-270.3	440	QYA	0	0	0	0	43	28.9	2003	55	137	172	2.491	0.797	0.320	12.3	24.30
1561	40.9644	117.4768	-269.2	441	QYA	0	0	0	0	35	28.9	1817	69	118	141	1.710	0.837	0.489	12.3	24.30
1562	40.9645	117.4764	-269.8	437	QYA	0	0	0	0	43	28.8	1881	63	109	152	1.730	0.717	0.414	12.3	24.30
1563	40.9646	117.4758	-270.8	431	QYA	0	0	0	0	35	28.7	1867	52	165	131	3.173	1.260	0.397	12.3	24.30
1564	40.9646	117.4753	-271.7	430	QYA	0	0	0	0	56	28.7	1851	56	87	173	1.554	0.503	0.324	12.3	24.30
1565	40.9647	117.4747	-274.6	427	QYA	0	0	0	0	43	28.7	1763	58	98	133	1.690	0.737	0.436	12.3	24.32
1566	40.9647	117.4742	-277.8	421	QYA	0	0	0	0	36	28.6	1781	54	63	186	1.167	0.339	0.290	12.2	24.32
1567	40.9648	117.4737	-282.2	416	QYA	0	0	0	0	31	28.5	1738	36	142	155	3.944	0.916	0.232	12.3	24.33
1568	40.9648	117.4731	-287.4	411	QYA	0	0	0	0	34	28.4	1681	52	59	172	1.135	0.343	0.302	12.2	24.33
1569	40.9649	117.4726	-293.4	407	QYA	0	0	0	0	41	28.4	1669	41	109	136	2.659	0.801	0.301	12.2	24.31
1570	40.9649	117.4720	-305.0	406	QYA	0	0	0	0	36	28.3	1560	35	87	142	2.486	0.613	0.246	12.2	24.31
1571	40.9650	117.4715	-305.2	402	QYA	0	0	0	0	36	28.3	1647	23	165	148	7.174	1.115	0.155	12.2	24.33
1572	40.9651	117.4710	-314.9	400	QYA	0	0	0	0	32	28.3	1554	30	144	107	4.800	1.346	0.280	12.3	24.33
1573	40.9651	117.4704	-320.3	397	QYA	0	0	0	0	51	28.2	1500	38	58	116	1.526	0.500	0.328	12.2	24.33
1574	40.9652	117.4699	-325.4	396	QYA	0	0	0	0	45	28.2	1546	41	88	116	2.146	0.759	0.353	12.2	24.33
1575	40.9652	117.4693	-330.6	391	QYA	0	0	0	0	47	28.1	1459	26	58	129	2.231	0.450	0.202	12.3	24.33

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1576	40.9653	117.4688	-337.6	387	QYA	0	0	1	0	45	28.0	1392	45	22	98	0.489	0.224	0.459	12.3	24.35
1577	40.9653	117.4683	-345.0	387	QYA	0	0	0	0	47	28.0	1461	45	37	119	0.822	0.311	0.378	12.3	24.35
1578	40.9654	117.4677	-352.6	390	QYA	0	0	0	0	50	30.4	1430	49	50	110	1.020	0.455	0.445	12.3	24.36
1579	40.9654	117.4672	-359.7	395	QYA	0	0	0	0	42	30.5	1450	40	103	90	2.575	1.144	0.444	12.3	24.35
1580	40.9655	117.4667	-367.8	402	QYA	0	0	0	0	41	30.6	1504	32	122	115	3.813	1.061	0.278	12.4	24.37
1581	40.9655	117.4661	-375.6	405	QYA	0	0	0	0	27	30.6	1426	31	104	123	3.355	0.846	0.252	12.3	24.35
1582	40.9656	117.4656	-383.0	412	QYA	0	0	0	0	49	30.8	1494	36	77	108	2.139	0.713	0.333	12.4	24.33
1583	40.9656	117.4650	-389.6	415	QYA	0	0	0	0	40	30.8	1513	41	85	126	2.073	0.675	0.325	12.4	24.36
1584	40.9657	117.4645	-396.2	416	QYA	0	0	0	0	53	30.8	1588	26	80	147	3.077	0.544	0.177	12.4	24.37
1585	40.9657	117.4640	-401.6	422	QYA	0	0	0	0	50	30.9	1449	43	39	122	0.907	0.320	0.352	12.4	24.34
1586	40.9658	117.4634	-405.0	422	QYA	0	0	0	0	43	30.9	1543	42	106	114	2.524	0.930	0.368	12.4	24.34
1587	40.9659	117.4629	-406.9	420	QYA	0	0	0	0	37	30.9	1456	46	102	80	2.217	1.275	0.575	12.4	24.34
1588	40.9659	117.4623	-406.3	415	QYA	0	0	0	0	43	30.8	1513	46	46	136	1.000	0.338	0.338	12.3	24.36
1589	40.9660	117.4618	-403.5	411	QYA	0	0	0	0	49	30.7	1469	37	46	144	1.243	0.319	0.257	12.3	24.34
1590	40.9660	117.4613	-399.4	408	QYA	0	0	1	0	49	30.7	1481	59	-11	109	-0.186	-0.101	0.541	12.3	24.33
1591	40.9661	117.4607	-393.6	407	QYA	0	0	0	0	48	30.7	1592	45	85	120	1.889	0.708	0.375	12.3	24.34
1592	40.9661	117.4602	-386.2	406	QYA	0	0	0	0	36	30.6	1510	50	28	140	0.560	0.200	0.357	12.3	24.34
1593	40.9662	117.4596	-377.4	402	QYA	0	0	0	0	59	30.6	1569	44	74	134	1.682	0.552	0.328	12.2	24.34
1594	40.9662	117.4591	-368.1	405	QYA	0	0	0	0	37	30.6	1565	27	105	135	3.889	0.778	0.200	12.2	24.33
1595	40.9663	117.4586	-358.3	399	QYA	0	0	0	0	44	30.5	1512	34	43	159	1.265	0.270	0.214	12.2	24.33
1596	40.9663	117.4580	-348.2	394	QYA	0	0	0	0	35	30.4	1481	41	60	125	1.463	0.480	0.328	12.2	24.33
1597	40.9664	117.4575	-339.1	395	QYA	0	0	0	0	47	30.1	1596	30	113	128	3.767	0.883	0.234	12.2	24.33
1598	40.9664	117.4569	-330.5	390	QYA	0	0	0	0	43	30.0	1539	56	28	123	0.500	0.228	0.455	12.1	24.33
1599	40.9665	117.4564	-322.4	389	QYA	0	0	0	0	43	30.0	1647	34	130	123	3.824	1.057	0.276	12.1	24.33
1600	40.9665	117.4559	-315.1	384	QYA	0	0	0	0	32	29.9	1570	49	91	125	1.857	0.728	0.392	12.2	24.33
1601	40.9666	117.4553	-308.0	381	QYA	0	0	0	0	37	29.9	1584	31	115	121	3.710	0.950	0.256	12.1	24.35
1602	40.9667	117.4548	-301.7	383	QOA1	0	0	0	0	43	29.9	1715	38	80	189	2.105	0.423	0.201	12.1	24.31
1603	40.9667	117.4542	-296.5	389	QOA1	0	0	0	0	35	30.0	1623	50	76	151	1.520	0.503	0.331	12.2	24.33
1604	40.9668	117.4537	-290.9	390	QOA1	0	0	0	0	31	30.0	1688	47	100	139	2.128	0.719	0.338	12.1	24.32
1605	40.9668	117.4532	-284.3	394	QOA1	0	0	0	0	34	30.1	1745	59	89	142	1.508	0.627	0.415	12.2	24.33
1606	40.9669	117.4526	-282.6	397	QOA1	0	0	0	0	42	30.2	1728	47	58	200	1.234	0.290	0.235	12.2	24.31
1607	40.9669	117.4521	-282.3	399	QOA1	0	0	0	0	46	30.2	1816	47	77	203	1.638	0.379	0.232	12.2	24.33
1608	40.9670	117.4515	-281.4	398	QOA1	0	0	0	0	44	30.2	1773	56	65	167	1.161	0.389	0.335	12.3	24.32
1609	40.9670	117.4510	-281.8	395	QOA1	0	0	0	0	45	30.1	1763	44	91	164	2.068	0.555	0.268	12.3	24.34
1610	40.9671	117.4505	-283.0	397	QOA1	0	0	0	0	47	30.2	1795	56	73	175	1.304	0.417	0.320	12.3	24.33
1611	40.9671	117.4499	-284.2	391	QOA1	0	0	0	0	35	30.0	1893	58	84	185	1.448	0.454	0.314	12.3	24.34
1612	40.9672	117.4494	-285.3	390	QOA1	0	0	0	0	35	30.0	1752	48	32	222	0.667	0.144	0.216	12.3	24.33
1613	40.9672	117.4488	-286.8	383	QOA1	0	0	0	0	46	29.9	1869	56	129	166	2.304	0.777	0.337	12.3	24.32
1614	40.9673	117.4483	-287.7	378	QOA1	0	0	0	0	45	29.8	1825	42	107	204	2.548	0.525	0.206	12.3	24.31
1615	40.9673	117.4478	-290.1	376	QOA1	0	0	0	0	49	29.8	1918	54	91	210	1.685	0.433	0.257	12.4	24.35
1616	40.9674	117.4472	-291.8	372	QOA1	0	0	0	0	45	28.2	1861	47	114	186	2.426	0.613	0.253	12.3	24.33
1617	40.9674	117.4467	-294.2	372	QOA1	0	0	0	0	43	28.2	1824	63	122	158	1.937	0.772	0.399	12.4	24.37
1618	40.9675	117.4461	-296.1	376	QOA1	0	0	0	0	32	28.3	1840	61	96	162	1.574	0.593	0.377	12.3	24.35
1619	40.9676	117.4456	-297.4	382	QOA1	0	0	0	0	42	28.4	1878	51	86	207	1.686	0.415	0.246	12.3	24.33
1620	40.9676	117.4451	-298.2	391	QOA1	0	0	0	0	53	28.6	1900	61	59	189	0.967	0.312	0.323	12.3	24.33
1621	40.9677	117.4445	-298.3	399	QOA1	0	0	0	0	49	28.7	1812	50	52	203	1.040	0.256	0.246	12.3	24.32
1622	40.9677	117.4440	-297.2	405	QOA1	0	0	0	0	47	28.8	1878	59	54	218	0.915	0.248	0.271	12.3	24.31
1623	40.9678	117.4434	-295.6	404	QOA1	0	0	0	0	40	28.8	1935	47	146	190	3.106	0.768	0.247	12.2	24.29
1624	40.9678	117.4429	-295.2	408	QOA1	0	0	0	0	45	28.9	1753	42	108	179	2.571	0.603	0.235	12.2	24.28
1625	40.9679	117.4424	-294.0	415	QOA1	0	0	0	0	41	29.0	1870	55	81	161	1.473	0.503	0.342	12.2	24.27
1626	40.9679	117.4418	-292.7	417	QOA1	0	0	0	0	49	29.0	1856	53	88	177	1.660	0.497	0.299	12.2	24.27
1627	40.9680	117.4413	-291.1	412	QOA1	0	0	0	0	49	28.9	1858	51	135	145	2.647	0.931	0.352	12.2	24.27
1628	40.9680	117.4407	-290.0	409	QOA1	0	0	0	0	38	28.9	1743	61	75	170	1.230	0.441	0.359	12.2	24.26
1629	40.9681	117.4402	-289.2	403	QOA1	0	0	1	0	47	28.8	1838	54	24	217	0.444	0.111	0.249	12.2	24.27

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1630	40.9681	117.4397	-288.6	398	QOA1	0	0	0	0	40	28.7	1896	58	98	157	1.690	0.624	0.369	12.1	24.27
1631	40.9682	117.4391	-290.3	393	QOA1	0	0	0	0	38	28.6	1797	57	99	168	1.737	0.589	0.339	12.1	24.27
1632	40.9682	117.4386	-290.8	389	QOA1	0	0	0	0	33	28.5	1876	53	99	212	1.868	0.467	0.250	12.1	24.28
1633	40.9683	117.4380	-290.4	389	QOA1	0	0	0	0	42	28.5	1882	50	175	150	3.500	1.167	0.333	12.1	24.27
1634	40.9684	117.4375	-290.3	391	QOA1	0	0	0	0	40	28.6	1941	30	183	172	6.100	1.064	0.174	12.1	24.29
1635	40.9684	117.4370	-289.4	395	QOA1	0	0	0	0	60	27.5	1923	48	110	186	2.292	0.591	0.258	12.1	24.28
1636	40.9685	117.4364	-287.8	401	QOA1	0	0	0	0	43	27.6	1934	54	51	213	0.944	0.239	0.254	12.1	24.29
1637	40.9685	117.4359	-285.9	402	QOA1	0	0	0	0	40	27.7	1893	62	86	215	1.387	0.400	0.288	12.1	24.27
1638	40.9686	117.4353	-286.0	404	QOA1	0	0	0	0	33	27.7	1872	54	103	185	1.907	0.557	0.292	12.2	24.30
1639	40.9686	117.4348	-283.2	405	QOA1	0	0	0	0	38	27.7	1817	62	125	158	2.016	0.791	0.392	12.2	24.29
1640	40.9687	117.4343	-283.0	410	EP1	0	0	0	0	32	27.8	1881	65	107	153	1.646	0.699	0.425	12.2	24.28
1641	40.9687	117.4337	-282.4	415	EP1	0	0	0	0	52	27.9	1912	53	78	216	1.472	0.361	0.245	12.2	24.27
1642	40.9688	117.4332	-280.2	425	EP1	0	0	0	0	38	28.0	1921	59	79	191	1.339	0.414	0.309	12.2	24.28
1643	40.9688	117.4327	-280.6	450	EP1	0	0	0	0	44	28.4	1945	54	97	189	1.796	0.513	0.286	12.2	24.27
1644	40.9689	117.4321	-280.3	470	EP1	0	0	0	0	38	28.7	1954	62	72	218	1.161	0.330	0.284	12.3	24.27
1645	40.9689	117.4316	-278.2	475	EP1	0	0	0	0	41	28.8	1849	59	85	159	1.441	0.535	0.371	12.2	24.25
1646	40.9690	117.4310	-276.4	466	EP1	0	0	0	0	32	28.7	1992	72	90	148	1.250	0.608	0.486	12.2	24.25
1647	40.9690	117.4305	-273.1	437	EP1	0	0	0	0	63	28.2	1876	69	91	159	1.319	0.572	0.434	12.3	24.26
1648	40.9691	117.4300	-274.2	412	EP1	0	0	0	0	41	27.8	1968	68	87	201	1.279	0.433	0.338	12.2	24.24
1649	40.9692	117.4294	-273.0	389	EP1	0	0	0	0	56	27.4	2000	70	110	199	1.571	0.553	0.352	12.2	24.26
1650	40.9692	117.4289	-273.5	354	EP1	0	0	0	0	53	26.8	2151	70	160	186	2.286	0.860	0.376	12.2	24.25
1651	40.9693	117.4283	-275.5	340	EP1	0	0	0	0	41	26.6	2215	83	121	204	1.458	0.593	0.407	12.2	24.26
1652	40.9693	117.4278	-275.2	329	EP1	0	0	0	0	53	26.4	2284	111	95	175	0.856	0.543	0.634	12.1	24.25
1653	40.9694	117.4273	-274.2	316	EP1	0	0	0	0	41	26.2	2255	64	189	218	2.953	0.867	0.294	12.1	24.22
1654	40.9694	117.4267	-274.1	350	EP1	0	0	0	0	40	31.7	2263	82	110	225	1.341	0.489	0.364	12.1	24.23
1655	40.9695	117.4262	-272.6	418	EP1	0	0	0	0	42	33.0	2457	68	114	284	1.676	0.401	0.239	12.2	24.21
1656	40.9695	117.4256	-272.1	442	EP1	0	0	0	0	46	33.4	2360	76	150	219	1.974	0.685	0.347	12.0	24.18
1657	40.9696	117.4251	-272.0	476	EP1	0	0	0	0	51	34.0	2436	91	102	252	1.121	0.405	0.361	12.1	24.19
1658	40.9696	117.4246	-269.1	480	EP1	0	0	0	0	46	34.1	2411	77	109	270	1.416	0.404	0.285	12.1	24.19
1659	40.9697	117.4240	-269.8	478	EP1	0	0	0	0	35	34.1	2330	90	107	207	1.189	0.517	0.435	12.1	24.20
1660	40.9697	117.4235	-267.7	475	EP1	0	0	0	0	62	34.0	2321	76	53	257	0.697	0.206	0.296	12.0	24.21
1661	40.9698	117.4229	-268.3	472	EP1	0	0	0	0	58	34.0	2205	70	152	167	2.171	0.910	0.419	12.1	24.23
1662	40.9698	117.4224	-267.2	473	EP1	0	0	0	0	41	34.0	2199	84	91	193	1.083	0.472	0.435	12.1	24.24
1663	40.9699	117.4219	-268.9	444	EP1	0	0	0	0	40	33.5	2140	81	69	203	0.852	0.340	0.399	12.0	24.24
1664	40.9699	117.4213	-269.9	424	EP1	0	0	0	0	28	33.1	2014	53	180	111	3.396	1.622	0.477	12.0	24.26
1665	40.9700	117.4208	-269.9	418	EP1	0	0	0	0	44	33.0	2147	40	148	182	3.700	0.813	0.220	12.1	24.28
1666	40.9701	117.4202	-270.6	413	EP1	0	0	0	0	55	32.9	2121	58	119	158	2.052	0.753	0.367	12.0	24.29
1667	40.9701	117.4197	-270.0	414	EP1	0	0	0	0	39	32.9	2051	80	104	176	1.300	0.591	0.455	12.1	24.31
1668	40.9702	117.4192	-267.8	418	EP1	0	0	0	0	51	33.0	2035	61	156	158	2.557	0.987	0.386	12.1	24.31
1669	40.9702	117.4186	-267.9	423	EP1	0	0	0	0	43	33.1	2026	77	59	214	0.797	0.276	0.346	12.1	24.29
1670	40.9703	117.4181	-265.2	434	EP1	0	0	0	0	36	33.3	2027	44	82	233	1.864	0.352	0.189	12.2	24.31
1671	40.9703	117.4175	-265.3	442	EP1	0	0	0	0	35	33.4	1945	52	164	138	3.154	1.188	0.377	12.2	24.33
1672	40.9704	117.4170	-262.4	449	EP1	0	0	1	0	48	33.6	1834	53	10	194	0.189	0.052	0.273	12.2	24.32
1673	40.9704	117.4165	-261.0	450	EP1	0	0	0	0	49	38.7	1754	63	62	138	0.984	0.449	0.457	12.2	24.31
1674	40.9705	117.4159	-261.4	458	EP1	0	0	0	0	39	38.8	1800	41	100	168	2.439	0.595	0.244	12.2	24.33
1675	40.9705	117.4154	-261.5	458	EP1	0	0	0	0	48	38.8	1775	41	98	165	2.390	0.594	0.248	12.2	24.33
1676	40.9706	117.4148	-261.9	459	EP1	0	0	1	0	37	38.9	1705	66	-31	183	-0.470	-0.169	0.361	12.3	24.31
1677	40.9706	117.4143	-262.3	455	EP1	0	0	0	0	45	38.8	1722	37	92	138	2.486	0.667	0.268	12.2	24.31
1678	40.9707	117.4138	-262.6	439	EP1	0	0	0	0	35	38.4	1707	47	116	142	2.468	0.817	0.331	12.2	24.30
1679	40.9707	117.4132	-263.4	445	EP1	0	0	0	0	41	38.6	1726	42	84	146	2.000	0.575	0.288	12.2	24.30
1680	40.9708	117.4127	-262.8	455	EP1	0	0	0	0	46	38.8	1666	47	34	147	0.723	0.231	0.320	12.2	24.31
1681	40.9709	117.4121	-262.4	463	EP1	0	0	0	0	45	38.9	1646	55	34	126	0.618	0.270	0.437	12.2	24.29
1682	40.9709	117.4116	-261.5	464	EP1	0	0	0	0	44	39.0	1672	29	130	107	4.483	1.215	0.271	12.2	24.29
1683	40.9710	117.4111	-260.7	462	EP1	0	0	0	0	46	38.9	1593	41	33	144	0.805	0.229	0.285	12.2	24.27

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1684	40.9710	117.4105	-259.0	463	EP1	0	0	1	0	41	38.9	1520	40	-13	162	-0.325	-0.080	0.247	12.3	24.28
1685	40.9711	117.4100	-259.3	453	EP1	0	0	0	0	30	38.7	1559	50	90	101	1.800	0.891	0.495	12.2	24.28
1686	40.9711	117.4094	-259.7	451	EP1	0	0	0	0	48	38.7	1558	50	78	111	1.560	0.703	0.450	12.2	24.27
1687	40.9712	117.4089	-257.9	446	EP1	0	0	0	0	32	38.6	1460	23	120	104	5.217	1.154	0.221	12.2	24.29
1688	40.9712	117.4084	-258.1	438	EP1	0	0	0	0	40	38.4	1537	37	94	94	2.541	1.000	0.394	12.2	24.31
1689	40.9713	117.4078	-259.8	430	EP1	0	0	1	0	44	38.3	1473	46	16	139	0.348	0.115	0.331	12.2	24.29
1690	40.9713	117.4073	-260.7	422	EP1	0	0	0	0	37	38.1	1447	33	103	95	3.121	1.084	0.347	12.2	24.28
1691	40.9714	117.4067	-259.7	420	EP1	0	0	0	0	36	38.0	1448	46	61	97	1.326	0.629	0.474	12.1	24.29
1692	40.9714	117.4062	-258.4	414	EP1	0	0	0	0	45	39.0	1471	43	61	94	1.419	0.649	0.457	12.1	24.29
1693	40.9715	117.4057	-257.5	418	EP1	0	0	0	0	48	39.1	1454	19	113	108	5.947	1.046	0.176	12.1	24.28
1694	40.9715	117.4051	-256.7	405	EP1	0	0	0	0	39	38.8	1531	54	79	104	1.463	0.760	0.519	12.2	24.32
1695	40.9716	117.4046	-256.4	402	EP1	0	0	0	0	40	38.7	1581	51	82	110	1.608	0.745	0.464	12.2	24.31
1696	40.9717	117.4040	-256.6	402	EP1	0	0	0	0	53	38.7	1457	33	31	140	0.939	0.221	0.236	12.2	24.30
1697	40.9717	117.4035	-257.6	414	QYA	0	0	0	0	46	39.0	1525	33	85	130	2.576	0.654	0.254	12.2	24.31
1698	40.9718	117.4030	-256.8	412	QYA	0	0	0	0	46	39.0	1529	13	123	120	9.462	1.025	0.108	12.3	24.33
1699	40.9718	117.4024	-254.2	411	QYA	0	0	0	0	41	39.0	1438	41	71	104	1.732	0.683	0.394	12.3	24.33
1700	40.9719	117.4019	-253.5	414	QYA	0	0	0	0	47	39.0	1580	38	103	101	2.711	1.020	0.376	12.3	24.33
1701	40.9719	117.4013	-252.9	417	QYA	0	0	0	0	41	39.1	1565	37	83	126	2.243	0.659	0.294	12.4	24.34
1702	40.9720	117.4008	-252.6	419	QYA	0	0	0	0	53	39.1	1488	16	74	143	4.625	0.517	0.112	12.3	24.33
1703	40.9720	117.4003	-252.9	422	QYA	0	0	0	0	39	39.2	1571	33	89	120	2.697	0.742	0.275	12.4	24.34
1704	40.9721	117.3997	-253.5	428	QYA	0	0	1	0	39	39.3	1653	52	15	172	0.288	0.087	0.302	12.5	24.33
1705	40.9721	117.3992	-253.4	431	QYA	0	0	0	0	41	39.4	1653	56	92	115	1.643	0.800	0.487	12.5	24.33
1706	40.9722	117.3986	-252.5	437	QYA	0	0	0	0	41	39.5	1649	41	65	151	1.585	0.430	0.272	12.4	24.32
1707	40.9722	117.3980	-249.6	438	QYA	0	0	1	0	46	39.5	1491	47	-12	134	-0.255	-0.090	0.351	12.4	24.31
1708	40.9722	117.3974	-249.0	440	QYA	0	0	0	0	38	39.6	1482	36	60	122	1.667	0.492	0.295	12.4	24.29
1709	40.9722	117.3968	-250.4	442	QYA	0	0	0	0	40	39.6	1424	37	42	135	1.135	0.311	0.274	12.4	24.29
1710	40.9722	117.3962	-251.3	443	QYA	0	0	0	0	44	39.7	1370	35	74	76	2.114	0.974	0.461	12.4	24.29
1711	40.9723	117.3956	-251.4	447	QYA	0	0	1	0	46	38.2	1366	42	20	119	0.476	0.168	0.353	12.4	24.29
1712	40.9723	117.3950	-251.2	449	QYA	0	0	0	0	32	38.2	1478	37	110	84	2.973	1.310	0.440	12.3	24.28
1713	40.9723	117.3944	-251.5	439	QYA	0	0	0	0	46	38.0	1530	27	150	72	5.556	2.083	0.375	12.3	24.29
1714	40.9723	117.3938	-248.7	427	QYA	0	0	0	0	33	37.8	1580	46	34	144	0.739	0.236	0.319	12.3	24.28
1715	40.9724	117.3932	-248.7	418	QYA	0	0	0	0	51	37.6	1700	53	69	130	1.302	0.531	0.408	12.2	24.27
1716	40.9724	117.3926	-248.9	407	QYA	0	0	1	0	46	37.3	1664	61	23	135	0.377	0.170	0.452	12.3	24.27
1717	40.9724	117.3920	-250.1	402	QYA	0	0	1	0	26	37.2	1648	64	7	181	0.109	0.039	0.354	12.3	24.27
1718	40.9724	117.3914	-249.8	390	QYA	0	0	0	0	34	37.0	1759	55	48	169	0.873	0.284	0.325	12.3	24.28
1719	40.9725	117.3908	-250.6	377	QYA	0	0	0	0	33	36.7	1709	48	57	176	1.188	0.324	0.273	12.2	24.28
1720	40.9725	117.3902	-251.3	365	EP1	0	0	0	0	61	36.4	1647	54	62	137	1.148	0.453	0.394	12.2	24.27
1721	40.9725	117.3896	-251.6	353	EP1	0	0	0	0	47	36.1	1737	41	93	143	2.268	0.650	0.287	12.1	24.26
1722	40.9725	117.3890	-250.3	347	EP1	0	0	0	0	44	36.0	1714	57	99	147	1.737	0.673	0.388	12.2	24.29
1723	40.9725	117.3884	-250.1	348	EP1	0	0	0	0	40	36.0	1732	57	101	159	1.870	0.635	0.340	12.1	24.24
1724	40.9726	117.3878	-250.9	361	EP1	0	0	0	0	45	36.3	1679	66	52	147	0.788	0.354	0.449	12.2	24.24
1725	40.9726	117.3872	-250.9	388	EP1	0	0	0	0	51	36.9	1738	53	71	159	1.340	0.447	0.333	12.2	24.25
1726	40.9726	117.3866	-251.1	429	EP1	0	0	1	0	34	37.8	1757	61	26	187	0.426	0.139	0.326	12.2	24.21
1727	40.9726	117.3860	-249.2	439	EP1	0	0	0	0	44	38.0	1841	68	62	154	0.912	0.403	0.442	12.2	24.21
1728	40.9727	117.3854	-246.2	427	EP1	0	0	0	0	43	37.8	1855	46	87	181	1.891	0.481	0.254	12.2	24.26
1729	40.9727	117.3848	-248.7	385	EP1	0	0	0	0	51	36.9	1766	50	75	178	1.500	0.421	0.281	12.2	24.26
1730	40.9727	117.3842	-248.2	345	QYA	0	0	0	0	39	33.7	1638	45	61	164	1.356	0.372	0.274	12.1	24.27
1731	40.9727	117.3836	-249.5	324	QYA	0	0	0	0	35	33.3	1688	36	97	177	2.694	0.548	0.203	12.1	24.27
1732	40.9728	117.3831	-249.2	341	QYA	0	0	0	0	32	33.7	1667	64	39	156	0.609	0.250	0.410	12.1	24.26
1733	40.9728	117.3825	-249.3	353	QYA	0	0	0	0	45	33.9	1548	61	41	111	0.672	0.369	0.550	12.1	24.26
1734	40.9728	117.3819	-250.2	377	QYA	0	0	0	0	30	34.4	1605	48	71	147	1.479	0.483	0.327	12.1	24.25
1735	40.9728	117.3813	-249.9	406	QYA	0	0	0	0	54	35.0	1581	38	80	140	2.105	0.571	0.271	12.0	24.19
1736	40.9728	117.3807	-250.3	429	QYA	0	0	0	0	45	35.5	1655	45	78	141	1.733	0.553	0.319	12.0	24.20
1737	40.9729	117.3801	-243.1	441	QYA	0	0	1	0	36	35.7	1577	64	17	150	0.266	0.113	0.427	12.0	24.21

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1738	40.9729	117.3795	-242.9	488	QYA	0	0	0	0	52	36.6	1720	40	83	153	2.075	0.542	0.261	11.9	24.23
1739	40.9729	117.3789	-246.3	488	QYA	0	0	0	0	37	36.6	1654	30	114	145	3.800	0.786	0.207	11.9	24.24
1740	40.9729	117.3783	-246.3	479	QYA	0	0	1	0	50	36.4	1633	53	8	178	0.151	0.045	0.298	11.8	24.23
1741	40.9730	117.3777	-245.8	462	QYA	0	0	0	0	43	36.1	1672	46	103	132	2.239	0.780	0.348	11.9	24.25
1742	40.9730	117.3771	-246.6	444	QYA	0	0	0	0	39	35.8	1597	51	103	96	2.020	1.073	0.531	11.8	24.25
1743	40.9730	117.3765	-246.3	435	QYA	0	0	0	0	40	35.6	1556	29	155	114	5.345	1.360	0.254	11.8	24.27
1744	40.9730	117.3759	-245.5	421	QYA	0	0	0	0	49	35.3	1464	37	101	96	2.730	1.052	0.385	11.8	24.29
1745	40.9730	117.3753	-247.3	414	QYA	0	0	0	0	48	35.2	1476	47	68	65	1.447	1.046	0.723	11.7	24.31
1746	40.9731	117.3747	-247.7	413	QYA	0	0	0	0	43	35.2	1413	22	100	109	4.545	0.917	0.202	11.8	24.30
1747	40.9731	117.3741	-249.1	404	QYA	0	0	0	0	49	35.0	1429	42	38	130	0.905	0.292	0.323	11.9	24.35
1748	40.9731	117.3735	-249.8	400	QYA	0	0	0	0	39	34.9	1494	42	62	110	1.476	0.564	0.382	11.9	24.34
1749	40.9731	117.3729	-249.9	402	QYA	0	0	0	0	45	32.8	1435	45	59	102	1.311	0.578	0.441	11.9	24.33
1750	40.9732	117.3723	-250.0	404	QYA	0	0	0	0	45	32.8	1463	53	40	137	0.755	0.292	0.387	11.9	24.32
1751	40.9732	117.3717	-250.9	405	QYA	0	0	0	0	55	32.8	1524	37	83	134	2.243	0.619	0.276	11.9	24.37
1752	40.9732	117.3711	-249.1	399	QYA	0	0	0	0	41	32.7	1467	43	68	141	1.581	0.482	0.305	12.0	24.35
1753	40.9732	117.3705	-248.8	394	QYA	0	0	0	0	46	32.6	1492	18	82	140	4.556	0.586	0.129	12.0	24.37
1754	40.9733	117.3699	-250.0	387	QYA	0	0	0	0	49	32.5	1592	36	154	74	4.278	2.081	0.486	12.0	24.34
1755	40.9733	117.3693	-250.2	386	QYA	0	0	0	0	41	32.5	1626	45	91	145	2.022	0.628	0.310	12.1	24.35
1756	40.9733	117.3687	-250.1	383	QYA	0	0	0	0	43	32.4	1701	34	60	182	1.765	0.330	0.187	12.1	24.35
1757	40.9733	117.3681	-249.0	379	QYA	0	0	0	0	42	32.3	1784	54	96	179	1.778	0.536	0.302	12.1	24.31
1758	40.9733	117.3675	-248.9	376	QYA	0	0	0	0	52	32.3	1727	53	48	182	0.906	0.264	0.291	12.1	24.34
1759	40.9734	117.3669	-248.8	373	QYA	0	0	0	0	42	32.2	1812	49	93	159	1.898	0.585	0.308	12.1	24.32
1760	40.9734	117.3663	-249.7	373	QYA	0	0	0	0	33	32.2	1721	52	123	118	2.365	1.042	0.441	12.1	24.33
1761	40.9734	117.3657	-251.9	373	QYA	0	0	0	0	51	32.2	1822	45	126	167	2.800	0.754	0.269	12.1	24.31
1762	40.9734	117.3651	-252.3	375	QYA	0	0	0	0	40	32.3	1759	62	59	173	0.952	0.341	0.358	12.2	24.33
1763	40.9735	117.3645	-254.2	373	QYA	0	0	0	0	42	32.2	1788	46	54	189	1.174	0.286	0.243	12.2	24.29
1764	40.9735	117.3639	-253.8	373	QYA	0	0	0	0	42	32.2	1683	55	41	171	0.745	0.240	0.322	12.2	24.34
1765	40.9735	117.3633	-255.0	368	QYA	0	0	0	0	40	32.1	1786	48	89	162	1.854	0.549	0.296	12.3	24.33
1766	40.9735	117.3627	-254.9	364	QYA	0	0	1	0	51	32.0	1732	71	14	163	0.197	0.086	0.436	12.3	24.34
1767	40.9736	117.3621	-256.3	360	QYA	0	0	0	0	44	32.0	1736	41	105	139	2.561	0.755	0.295	12.3	24.35
1768	40.9736	117.3615	-256.0	360	QYA	0	0	0	0	39	28.3	1768	48	108	172	2.250	0.628	0.279	12.4	24.36
1769	40.9736	117.3609	-255.4	355	QYA	0	0	0	0	51	28.2	1720	54	80	159	1.481	0.503	0.340	12.3	24.35
1770	40.9736	117.3603	-252.9	348	QQA1	0	0	0	0	48	28.1	1681	49	76	174	1.551	0.437	0.282	12.3	24.36
1771	40.9736	117.3597	-247.5	348	QQA1	0	0	0	0	55	28.1	1881	61	78	174	1.279	0.448	0.351	12.4	24.35
1772	40.9737	117.3591	-238.1	350	QQA1	0	0	0	0	39	28.1	1885	70	127	153	1.814	0.830	0.458	12.5	24.36
1773	40.9737	117.3585	-231.8	356	QQA1	0	0	0	0	55	28.2	1925	53	126	176	2.377	0.716	0.301	12.4	24.34
1774	40.9737	117.3580	-224.8	366	QQA1	0	0	0	0	42	28.4	1944	50	100	218	2.000	0.459	0.229	12.4	24.35
1775	40.9737	117.3574	-223.4	375	QQA1	0	0	0	0	56	28.6	1904	46	112	191	2.435	0.586	0.241	12.4	24.34
1776	40.9738	117.3568	-225.2	382	QQA1	0	0	0	0	45	28.7	1828	44	157	158	3.568	0.994	0.278	12.4	24.32
1777	40.9738	117.3562	-230.3	390	QQA1	0	0	0	0	48	28.8	1930	52	76	194	1.462	0.392	0.268	12.4	24.30
1778	40.9738	117.3556	-236.6	395	QQA1	0	0	0	0	48	28.9	1907	59	91	190	1.542	0.479	0.311	12.3	24.30
1779	40.9738	117.3550	-241.5	398	QQA1	0	0	0	0	41	29.0	2003	67	108	190	1.612	0.568	0.353	12.3	24.30
1780	40.9738	117.3544	-243.9	399	QQA1	0	0	0	0	36	29.0	1959	51	121	207	2.373	0.585	0.246	12.2	24.28
1781	40.9739	117.3538	-245.5	403	QQA1	0	0	0	0	45	29.1	1975	53	145	137	2.736	1.058	0.387	12.3	24.27
1782	40.9739	117.3532	-249.1	402	QQA1	0	0	0	0	50	29.0	1908	63	70	212	1.111	0.330	0.297	12.3	24.29
1783	40.9739	117.3526	-255.6	397	QQA1	0	0	0	0	39	29.0	1958	52	86	202	1.654	0.426	0.257	12.3	24.29
1784	40.9739	117.3520	-261.1	389	QQA1	0	0	0	0	38	28.8	2000	57	119	177	2.088	0.672	0.322	12.2	24.29
1785	40.9740	117.3514	-263.5	385	QQA1	0	0	0	0	32	28.7	2012	80	97	158	1.213	0.614	0.506	12.3	24.30
1786	40.9740	117.3508	-262.1	385	QQA1	0	0	0	0	51	28.8	2035	69	129	167	1.870	0.772	0.413	12.2	24.28
1787	40.9740	117.3502	-260.8	382	QQA1	0	0	0	0	34	27.8	1884	53	126	173	2.377	0.728	0.306	12.2	24.28
1788	40.9740	117.3496	-263.2	381	QQA1	0	0	0	0	47	27.8	1920	54	119	175	2.204	0.680	0.309	12.3	24.28
1789	40.9741	117.3490	-269.1	379	QQA1	0	0	0	0	44	27.7	1901	72	30	202	0.417	0.149	0.356	12.3	24.29
1790	40.9741	117.3484	-271.7	379	QQA1	0	0	0	0	31	27.7	1946	60	150	144	2.500	1.042	0.417	12.2	24.29
1791	40.9741	117.3478	-272.6	378	QQA1	0	0	0	0	41	27.7	1855	56	112	158	2.000	0.709	0.354	12.2	24.29

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1792	40.9741	117.3472	-268.6	371	QQA1	0	0	0	0	47	27.6	1821	64	64	165	1.000	0.388	0.388	12.2	24.27
1793	40.9741	117.3466	-253.3	360	QQA1	0	0	0	0	42	27.4	1847	53	96	176	1.811	0.545	0.301	12.2	24.28
1794	40.9742	117.3460	-234.1	348	QQA1	0	0	0	0	63	27.2	1751	51	122	149	2.392	0.819	0.342	12.2	24.26
1795	40.9742	117.3454	-226.0	346	QQA1	0	0	0	0	48	27.2	1760	66	85	143	1.288	0.594	0.462	12.2	24.26
1796	40.9742	117.3448	-222.1	348	QQA1	0	0	0	0	42	27.2	1832	74	40	173	0.541	0.231	0.428	12.2	24.28
1797	40.9742	117.3442	-215.5	352	QTB1	0	0	0	0	48	27.3	1880	53	105	158	1.981	0.665	0.335	12.1	24.24
1798	40.9743	117.3436	-223.5	365	QTB1	0	0	0	0	51	27.5	1787	39	105	157	2.692	0.669	0.248	12.1	24.23
1799	40.9743	117.3430	-233.0	387	QTB1	0	0	0	0	42	27.9	1703	50	69	130	1.380	0.531	0.385	12.2	24.22
1800	40.9743	117.3424	-238.4	385	QTB1	0	0	0	0	46	27.8	1703	56	39	167	0.696	0.234	0.335	12.2	24.21
1801	40.9743	117.3418	-240.8	382	QTB1	0	0	0	0	33	27.8	1689	50	122	119	2.440	1.025	0.420	12.2	24.25
1802	40.9744	117.3412	-244.2	380	QTB1	0	0	0	0	52	27.8	1650	47	63	148	1.340	0.426	0.318	12.2	24.23
1803	40.9744	117.3406	-247.8	377	QTB1	0	0	0	0	41	27.7	1740	38	93	170	2.447	0.547	0.224	12.2	24.24
1804	40.9744	117.3400	-244.8	372	QTB1	0	0	0	0	41	27.6	1699	50	96	147	1.920	0.653	0.340	12.2	24.24
1805	40.9744	117.3394	-245.0	366	QTB1	0	0	0	0	58	27.5	1695	54	110	142	2.037	0.775	0.380	12.2	24.25
1806	40.9744	117.3388	-241.7	359	QTB1	0	0	0	0	50	28.4	1701	54	99	157	1.833	0.631	0.344	12.2	24.24
1807	40.9745	117.3382	-247.7	351	QTB1	0	0	0	0	50	28.3	1750	39	140	139	3.590	1.007	0.281	12.1	24.24
1808	40.9745	117.3376	-248.3	347	QTB1	0	0	0	0	38	28.2	1744	54	159	114	2.944	1.395	0.474	12.2	24.25
1809	40.9745	117.3370	-252.2	344	QTB1	0	0	0	0	33	28.1	1741	45	76	180	1.689	0.422	0.250	12.1	24.24
1810	40.9745	117.3364	-256.2	339	QTB1	0	0	0	0	37	28.0	1764	58	141	125	2.431	1.128	0.464	12.2	24.23
1811	40.9746	117.3358	-255.9	333	QTB1	0	0	0	0	52	27.9	1790	59	130	161	2.203	0.807	0.366	12.1	24.23
1812	40.9746	117.3352	-252.1	328	QTB1	0	0	0	0	43	27.9	1782	47	88	184	1.872	0.478	0.255	12.0	24.22
1813	40.9746	117.3346	-248.7	326	QTB1	0	0	0	0	50	27.8	1773	32	118	182	3.688	0.648	0.176	12.0	24.21
1814	40.9746	117.3340	-252.8	328	QTB1	0	0	0	0	45	27.9	1805	52	121	149	2.327	0.812	0.349	12.0	24.20
1815	40.9747	117.3334	-258.0	330	QTB1	0	0	0	0	34	27.9	1786	45	98	197	2.178	0.497	0.228	11.9	24.18
1816	40.9747	117.3329	-243.3	334	QTB1	0	0	0	0	44	28.0	1761	48	156	136	3.250	1.147	0.353	12.0	24.17
1817	40.9747	117.3323	-214.7	341	QTB1	0	0	0	0	52	28.1	1717	58	84	139	1.448	0.604	0.417	11.9	24.17
1818	40.9747	117.3317	-200.2	353	QTB1	0	0	0	0	35	28.3	1751	41	89	191	2.171	0.466	0.215	12.0	24.16
1819	40.9747	117.3311	-203.8	363	QTB1	0	0	0	0	58	28.5	1708	45	102	161	2.267	0.634	0.280	11.9	24.13
1820	40.9748	117.3305	-214.5	375	QTB1	0	0	0	0	42	28.7	1683	39	129	133	3.308	0.970	0.293	11.9	24.11
1821	40.9748	117.3299	-231.3	388	QTB1	0	0	0	0	36	28.9	1772	41	113	151	2.756	0.748	0.272	12.0	24.13
1822	40.9748	117.3293	-274.7	396	QTB1	0	0	0	0	53	29.1	1664	46	54	170	1.174	0.318	0.271	12.0	24.13
1823	40.9748	117.3287	-294.7	406	QTB1	0	0	0	0	48	29.2	1725	48	126	132	2.625	0.955	0.364	12.0	24.14
1824	40.9749	117.3281	-298.5	418	QTB1	0	0	0	0	50	29.4	1923	64	96	165	1.500	0.582	0.388	12.0	24.14
1825	40.9749	117.3275	-278.7	418	QTB1	0	0	0	0	39	28.9	1853	63	114	164	1.810	0.695	0.384	12.0	24.16
1826	40.9749	117.3269	-249.4	403	QTB1	0	0	0	0	53	28.6	1932	44	141	175	3.205	0.806	0.251	12.1	24.17
1827	40.9749	117.3263	-235.0	386	QTB1	0	0	0	0	38	28.3	1849	36	150	148	4.167	1.014	0.243	12.1	24.18
1828	40.9749	117.3257	-235.5	368	QTB1	0	0	0	0	48	28.0	1821	56	115	115	2.054	1.000	0.487	12.0	24.18
1829	40.9750	117.3251	-240.8	353	QTB1	0	0	0	0	53	27.8	1816	54	60	192	1.111	0.313	0.281	12.0	24.18
1830	40.9750	117.3245	-241.5	342	QTB1	0	0	0	0	44	27.6	1873	66	69	201	1.045	0.343	0.328	12.0	24.19
1831	40.9750	117.3239	-224.2	335	QTB1	0	0	0	0	52	27.5	1791	61	135	122	2.213	1.107	0.500	12.0	24.17
1832	40.9750	117.3233	-197.1	335	QTB1	0	0	0	0	62	27.5	1908	55	68	213	1.236	0.319	0.258	11.9	24.19
1833	40.9751	117.3227	-179.4	346	QTB1	0	0	0	0	49	27.7	1892	34	103	192	3.029	0.536	0.177	11.9	24.17
1834	40.9751	117.3221	-178.2	362	QTB1	0	0	0	0	41	27.9	1849	61	82	179	1.344	0.458	0.341	11.9	24.17
1835	40.9751	117.3215	-177.5	373	QTB1	0	0	0	0	36	28.1	1839	49	99	187	2.020	0.529	0.262	11.9	24.15
1836	40.9751	117.3209	-161.3	374	QTB1	0	0	0	0	49	28.2	1833	50	130	145	2.600	0.897	0.345	11.9	24.14
1837	40.9752	117.3203	-135.2	374	QTB1	0	0	1	0	52	28.1	1727	41	23	213	0.561	0.108	0.192	12.0	24.15
1838	40.9752	117.3197	-126.2	372	QTB1	0	0	0	0	54	28.1	1703	35	117	142	3.343	0.824	0.246	12.0	24.16
1839	40.9752	117.3191	-184.8	373	QTB1	0	0	0	0	31	28.1	1610	42	122	128	2.905	0.953	0.328	12.1	24.19
1840	40.9752	117.3185	-248.4	376	QYA	0	0	0	0	46	28.2	1589	56	38	153	0.679	0.248	0.366	12.0	24.18
1841	40.9752	117.3179	-318.0	410	QYA	0	0	0	0	43	28.8	1639	59	89	124	1.508	0.718	0.476	12.0	24.17
1842	40.9753	117.3173	-363.0	459	QYA	0	0	0	0	42	29.6	1798	71	98	108	1.390	0.907	0.657	12.1	24.18
1843	40.9753	117.3167	-374.1	493	QYA	0	0	0	0	24	30.1	1828	74	51	158	0.689	0.323	0.468	12.0	24.20
1844	40.9753	117.3160	-356.5	496	QYA	0	0	0	0	41	27.6	1900	64	116	153	1.813	0.758	0.418	11.9	24.19
1845	40.9753	117.3153	-336.9	498	QYA	0	0	0	0	38	27.7	1960	68	49	218	0.721	0.225	0.312	12.0	24.25

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1846	40.9753	117.3146	-287.3	495	QYA	0	0	0	0	46	27.6	1945	47	97	203	2.064	0.478	0.232	12.1	24.23
1847	40.9753	117.3139	-247.7	493	QYA	0	0	0	0	40	27.6	1909	74	60	185	0.811	0.324	0.400	12.1	24.25
1848	40.9753	117.3132	-211.7	490	QYA	0	0	0	0	50	27.6	1971	69	62	207	0.899	0.300	0.333	12.1	24.27
1849	40.9753	117.3125	-185.2	478	QYA	0	0	0	0	48	27.4	1991	44	122	163	2.773	0.748	0.270	12.1	24.26
1850	40.9753	117.3118	-170.1	469	QYA	0	0	0	0	45	27.3	1907	39	81	213	2.077	0.380	0.183	12.1	24.26
1851	40.9753	117.3111	-164.6	458	QYA	0	0	0	0	53	27.1	1955	46	105	211	2.283	0.498	0.218	12.1	24.29
1852	40.9753	117.3104	-166.8	453	QYA	0	0	0	0	34	27.0	1967	45	117	209	2.600	0.560	0.215	12.1	24.27
1853	40.9753	117.3097	-171.8	446	QYA	0	0	0	0	70	26.9	2049	37	131	179	3.541	0.732	0.207	12.1	24.29
1854	40.9753	117.3090	-177.5	437	QYA	0	0	0	0	54	26.8	1867	57	86	169	1.509	0.509	0.337	12.1	24.28
1855	40.9753	117.3083	-182.7	426	QYA	0	0	0	0	43	26.6	1893	59	82	182	1.390	0.451	0.324	12.1	24.27
1856	40.9753	117.3076	-196.7	417	QYA	0	0	0	0	31	26.5	1917	48	72	242	1.500	0.298	0.198	12.1	24.28
1857	40.9753	117.3069	-206.2	409	QYA	0	0	0	0	38	26.4	1956	77	74	155	0.961	0.477	0.497	12.1	24.29
1858	40.9753	117.3063	-214.6	404	QYA	0	0	0	0	61	26.3	1819	49	119	146	2.429	0.815	0.336	12.0	24.27
1859	40.9753	117.3056	-221.6	400	QYA	0	0	0	0	38	26.2	1873	49	165	157	3.367	1.051	0.312	12.0	24.29
1860	40.9753	117.3049	-224.0	400	QYA	0	0	0	0	46	26.2	1868	34	143	202	4.206	0.708	0.168	12.0	24.30
1861	40.9753	117.3042	-221.4	398	QYA	0	0	0	0	40	26.2	1830	55	97	166	1.764	0.584	0.331	12.0	24.29
1862	40.9753	117.3035	-214.1	[illegible]9	QYA	0	0	0	0	50	26.2	1724	45	130	134	2.889	0.970	0.336	12.2	24.31
1863	40.9753	117.3028	-203.4	400	QYA	0	0	0	0	37	28.4	1711	45	141	134	3.133	1.052	0.336	12.1	24.31
1864	40.9753	117.3021	-192.1	397	QYA	0	0	0	0	45	28.3	1670	55	34	160	0.618	0.213	0.344	12.2	24.31
1865	40.9753	117.3014	-183.7	398	QYA	0	0	0	0	46	28.3	1758	43	51	194	1.186	0.263	0.222	12.2	24.33
1866	40.9753	117.3007	-179.4	396	QYA	0	0	0	0	37	28.3	1723	55	99	175	1.800	0.566	0.314	12.2	24.34
1867	40.9753	117.3000	-178.1	393	QYA	0	0	0	0	51	28.3	1726	48	154	121	3.208	1.273	0.397	12.2	24.35
1868	40.9753	117.2993	-179.5	390	QYA	0	0	0	0	51	28.2	1701	40	91	172	2.275	0.529	0.233	12.3	24.35
1869	40.9753	117.2986	-185.7	386	QYA	0	0	0	0	48	28.1	1655	50	97	171	1.940	0.567	0.292	12.2	24.34
1870	40.9753	117.2979	-196.6	382	QYA	0	0	0	0	44	28.1	1646	38	116	118	3.053	0.983	0.322	12.1	24.33
1871	40.9753	117.2972	-214.1	382	QYA	0	0	0	0	33	28.1	1704	45	94	144	2.089	0.653	0.313	12.2	24.33
1872	40.9753	117.2965	-214.2	384	QYA	0	0	0	0	40	28.1	1625	40	127	138	3.175	0.920	0.290	12.2	24.32
1873	40.9753	117.2958	-216.3	389	QYA	0	0	0	0	42	28.2	1558	44	42	134	0.955	0.313	0.328	12.3	24.33
1874	40.9753	117.2951	-214.9	391	QYA	0	0	0	0	33	28.2	1574	51	113	118	2.216	0.958	0.432	12.2	24.30
1875	40.9753	117.2944	-210.8	393	QYA	0	0	0	0	38	28.3	1566	39	73	138	1.872	0.529	0.283	12.2	24.29
1876	40.9753	117.2937	-204.5	395	QYA	0	0	0	0	28	28.3	1689	54	81	149	1.500	0.544	0.362	12.2	24.29
1877	40.9753	117.2930	-198.6	393	QYA	0	0	0	0	62	28.3	1613	50	38	151	0.760	0.252	0.331	12.2	24.30
1878	40.9753	117.2923	-194.3	393	QYA	0	0	0	0	41	28.3	1696	40	88	176	2.200	0.500	0.227	12.2	24.30
1879	40.9753	117.2916	-191.7	393	QYA	0	0	0	0	44	28.3	1619	36	68	167	1.889	0.407	0.216	12.2	24.28
1880	40.9753	117.2909	-193.1	392	QYA	0	0	0	0	38	28.2	1708	30	121	134	4.033	0.903	0.224	12.2	24.30
1881	40.9753	117.2902	-197.0	392	QYA	0	0	0	0	34	28.2	1622	53	89	113	1.679	0.788	0.469	12.2	24.31
1882	40.9753	117.2895	-202.2	391	QYA	0	0	0	0	63	32.4	1617	36	54	158	1.500	0.342	0.228	12.3	24.32
1883	40.9753	117.2888	-208.0	394	QYA	0	0	0	0	62	32.4	1668	32	91	161	2.844	0.565	0.199	12.3	24.31
1884	40.9753	117.2881	-212.5	393	QYA	0	0	0	0	44	32.4	1710	39	91	183	2.333	0.497	0.213	12.3	24.31
1885	40.9753	117.2874	-212.6	393	QYA	0	0	0	0	46	32.4	1714	31	128	124	4.129	1.032	0.250	12.4	24.31
1886	40.9753	117.2867	-209.8	391	QYA	0	0	0	0	39	32.3	1652	46	77	160	1.674	0.481	0.288	12.3	24.32
1887	40.9753	117.2860	-205.7	390	QYA	0	0	0	0	44	32.3	1705	38	91	144	2.395	0.632	0.264	12.3	24.32
1888	40.9753	117.2853	-199.6	388	QYA	0	0	0	0	30	32.3	1773	42	117	170	2.786	0.688	0.247	12.3	24.32
1889	40.9753	117.2846	-199.8	386	QYA	0	0	0	0	28	32.3	1680	36	92	173	2.556	0.532	0.208	12.4	24.34
1890	40.9753	117.2839	-201.9	384	QYA	0	0	0	0	43	32.2	1708	59	39	178	0.661	0.219	0.331	12.4	24.34
1891	40.9753	117.2832	-209.8	384	QYA	0	0	0	0	49	32.2	1725	40	117	124	2.925	0.944	0.323	12.3	24.33
1892	40.9753	117.2825	-219.2	386	QYA	0	0	0	0	29	32.3	1725	50	98	160	1.960	0.612	0.313	12.4	24.35
1893	40.9753	117.2818	-224.6	388	QYA	0	0	0	0	36	32.3	1749	47	89	175	1.894	0.509	0.269	12.3	24.33
1894	40.9753	117.2811	-225.0	391	QYA	0	0	0	0	40	32.3	1716	56	48	181	0.857	0.265	0.309	12.4	24.34
1895	40.9753	117.2804	-222.1	393	QYA	0	0	0	0	54	32.4	1816	58	70	154	1.207	0.455	0.377	12.5	24.35
1896	40.9753	117.2797	-219.0	396	QYA	0	0	0	0	37	32.5	1760	38	131	151	3.447	0.868	0.252	12.4	24.34
1897	40.9753	117.2790	-217.2	396	QYA	0	0	0	0	39	32.4	1764	44	80	187	1.818	0.428	0.235	12.4	24.33
1898	40.9753	117.2783	-221.3	398	QYA	0	0	0	0	36	32.5	1880	45	84	205	1.867	0.410	0.220	12.5	24.36
1899	40.9753	117.2776	-233.7	399	QYA	0	0	0	0	32	32.5	1792	54	74	198	1.370	0.374	0.273	12.5	24.32

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1900	40.9753	117.2770	-251.6	401	QYA	0	0	0	0	45	32.5	1790	49	97	157	1.980	0.618	0.312	12.5	24.33
1901	40.9753	117.2763	-263.0	401	QYA	0	0	0	0	56	37.0	1696	40	92	159	2.300	0.579	0.252	12.4	24.32
1902	40.9753	117.2756	-262.1	403	QYA	0	0	0	0	32	37.1	1722	48	46	179	0.958	0.257	0.268	12.5	24.35
1903	40.9753	117.2749	-250.7	407	QYA	0	0	0	0	45	37.2	1731	42	71	173	1.690	0.410	0.243	12.5	24.33
1904	40.9753	117.2742	-237.6	405	QYA	0	0	0	0	48	37.1	1785	62	69	165	1.113	0.418	0.376	12.4	24.34
1905	40.9753	117.2735	-218.5	407	QYA	0	0	0	0	51	37.2	1722	39	126	140	3.231	0.900	0.279	12.5	24.33
1906	40.9753	117.2728	-218.6	413	QYA	0	0	0	0	48	37.3	1831	56	58	167	1.036	0.347	0.335	12.5	24.34
1907	40.9753	117.2721	-213.3	415	QYA	0	0	0	0	26	37.4	1772	51	110	147	2.157	0.748	0.347	12.5	24.31
1908	40.9753	117.2714	-213.1	420	QYA	0	0	0	0	45	37.4	1719	41	71	145	1.732	0.490	0.283	12.5	24.31
1909	40.9753	117.2707	-215.3	416	QYA	0	0	0	0	37	37.4	1629	35	91	164	2.600	0.555	0.213	12.6	24.31
1910	40.9753	117.2700	-219.2	411	QYA	0	0	0	0	41	37.3	1746	51	89	158	1.745	0.563	0.323	12.5	24.31
1911	40.9753	117.2693	-223.7	406	QYA	0	0	0	0	42	37.2	1738	45	115	170	2.556	0.676	0.265	12.5	24.32
1912	40.9753	117.2686	-227.7	400	QYA	0	0	0	0	42	37.0	1613	45	48	135	1.067	0.356	0.333	12.5	24.33
1913	40.9753	117.2679	-232.1	394	QYA	0	0	0	0	33	36.9	1556	58	41	130	0.707	0.315	0.446	12.5	24.32
1914	40.9753	117.2672	-234.5	390	QYA	0	0	0	0	30	36.8	1588	42	100	125	2.381	0.800	0.336	12.4	24.31
1915	40.9753	117.2665	-233.5	387	QYA	0	0	0	0	52	36.7	1552	36	78	129	2.167	0.605	0.279	12.4	24.30
1916	40.9753	117.2658	-227.8	391	QYA	0	0	0	0	40	36.8	1594	43	53	150	1.233	0.353	0.287	12.4	24.31
1917	40.9753	117.2651	-219.7	393	QYA	0	0	0	0	38	36.9	1629	43	103	130	2.395	0.792	0.331	12.4	24.30
1918	40.9753	117.2644	-209.9	391	QYA	0	0	0	0	44	36.8	1566	47	107	94	2.277	1.138	0.500	12.5	24.31
1919	40.9753	117.2637	-200.8	390	QYA	0	0	1	0	41	36.8	1553	54	20	149	0.370	0.134	0.362	12.4	24.33
1920	40.9753	117.2630	-196.0	390	QYA	0	0	0	0	31	37.3	1593	46	99	132	2.152	0.750	0.348	12.3	24.31
1921	40.9753	117.2623	-191.1	392	QYA	0	0	0	0	45	37.3	1588	36	113	121	3.139	0.934	0.298	12.3	24.30
1922	40.9753	117.2616	-183.4	397	QYA	0	0	0	0	33	37.4	1594	42	105	123	2.500	0.854	0.341	12.3	24.29
1923	40.9753	117.2609	-167.0	409	QYA	0	0	1	0	52	37.7	1515	37	7	160	0.189	0.044	0.231	12.4	24.30
1924	40.9753	117.2602	-162.1	411	QYA	0	0	0	0	44	37.7	1596	39	42	166	1.077	0.253	0.235	12.3	24.31
1925	40.9753	117.2595	-160.0	412	QYA	0	0	1	0	40	37.8	1551	57	8	147	0.140	0.054	0.388	12.4	24.29
1926	40.9753	117.2588	-157.2	413	QYA	0	0	0	0	50	37.7	1582	47	42	145	0.894	0.290	0.324	12.4	24.30
1927	40.9753	117.2581	-152.9	414	QYA	0	0	0	0	41	37.7	1640	53	96	127	1.811	0.756	0.417	12.4	24.31
1928	40.9753	117.2574	-147.6	406	QYA	0	0	0	0	38	37.6	1655	36	97	128	2.694	0.758	0.281	12.4	24.30
1929	40.9753	117.2567	-140.5	403	QYA	0	0	0	0	39	37.5	1631	36	32	205	0.889	0.156	0.176	12.4	24.32
1930	40.9753	117.2560	-132.7	394	QYA	0	0	0	0	51	37.4	1594	38	83	104	2.184	0.798	0.365	12.4	24.32
1931	40.9753	117.2553	-124.2	386	QYA	0	0	0	0	46	37.2	1574	43	124	105	2.884	1.181	0.410	12.4	24.31
1932	40.9753	117.2546	-117.6	379	QYA	0	0	0	0	62	37.0	1590	25	92	137	3.680	0.672	0.182	12.4	24.33
1933	40.9753	117.2539	-115.1	371	QYA	0	0	0	0	46	36.8	1579	51	53	137	1.039	0.387	0.372	12.4	24.34
1934	40.9753	117.2532	-119.5	366	QYA	0	0	0	0	35	36.7	1530	29	103	128	3.552	0.805	0.227	12.4	24.33
1935	40.9753	117.2525	-124.0	360	QYA	0	0	0	0	42	36.6	1519	31	109	127	3.516	0.858	0.244	12.5	24.38
1936	40.9753	117.2518	-118.4	359	QYA	0	0	0	0	36	36.6	1606	36	90	161	2.500	0.559	0.224	12.5	24.37
1937	40.9753	117.2511	-98.1	356	QYA	0	0	0	0	36	36.5	1636	46	98	143	2.130	0.685	0.322	12.4	24.36
1938	40.9753	117.2504	-44.5	356	QYA	0	0	0	0	34	36.5	1631	47	126	117	2.681	1.077	0.402	12.5	24.35
1939	40.9753	117.2497	-44.6	359	QYA	0	0	0	0	40	32.9	1705	40	140	134	3.500	1.045	0.299	12.5	24.35
1940	40.9753	117.2490	-17.5	364	QYA	0	0	1	0	31	33.0	1657	40	22	220	0.550	0.100	0.182	12.5	24.35
1941	40.9753	117.2484	-26.3	368	QYA	0	0	0	0	36	33.1	1733	43	89	198	2.070	0.449	0.217	12.4	24.32
1942	40.9753	117.2477	-43.2	372	QYA	0	0	0	0	40	33.2	1733	64	94	135	1.469	0.696	0.474	12.4	24.33
1943	40.9753	117.2470	-59.5	381	QYA	0	0	0	0	40	33.4	1779	68	121	101	1.779	1.198	0.673	12.5	24.32
1944	40.9753	117.2463	-68.9	385	QYA	0	0	0	0	42	33.4	1754	41	127	155	3.098	0.819	0.265	12.5	24.30
1945	40.9753	117.2456	-68.3	386	QYA	0	0	0	0	39	33.5	1750	43	143	146	3.326	0.979	0.295	12.4	24.29
1946	40.9753	117.2449	-64.2	380	QYA	0	0	0	0	39	33.3	1735	46	68	180	1.478	0.378	0.256	12.5	24.32
1947	40.9753	117.2442	-62.7	376	QYA	0	0	0	0	40	33.3	1643	53	47	169	0.887	0.278	0.314	12.5	24.33
1948	40.9753	117.2435	-73.2	367	QYA	0	0	0	0	48	33.1	1655	50	106	120	2.120	0.883	0.417	12.4	24.32
1949	40.9753	117.2428	-92.3	362	QYA	0	0	0	0	46	33.0	1658	48	55	157	1.146	0.350	0.306	12.4	24.33
1950	40.9753	117.2421	-115.3	358	QYA	0	0	0	0	38	32.9	1590	37	169	90	4.568	1.878	0.411	12.5	24.31
1951	40.9753	117.2414	-140.0	355	QYA	0	0	0	0	43	32.8	1554	34	116	106	3.412	1.094	0.321	12.4	24.34
1952	40.9753	117.2407	-169.1	356	QYA	0	0	0	0	40	32.9	1637	39	105	132	2.692	0.795	0.295	12.5	24.35
1953	40.9753	117.2400	-184.2	360	QYA	0	0	0	0	31	32.9	1648	40	92	141	2.300	0.652	0.284	12.4	24.33

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1954	40.9753	117.2393	-177.6	365	QYA	0	0	0	0	41	33.0	1591	39	81	155	2.077	0.523	0.252	12.4	24.33
1955	40.9753	117.2386	-129.7	373	QYA	0	0	0	0	44	33.2	1638	41	127	112	3.098	1.134	0.366	12.4	24.30
1956	40.9753	117.2379	-129.7	384	QYA	0	0	0	0	42	33.4	1551	35	156	101	4.457	1.545	0.347	12.4	24.31
1957	40.9753	117.2372	-78.5	399	QYA	0	0	0	0	40	33.7	1618	34	90	139	2.647	0.647	0.245	12.5	24.33
1958	40.9753	117.2365	-51.6	409	QYA	0	0	0	0	42	31.4	1560	44	71	143	1.614	0.497	0.308	12.5	24.29
1959	40.9753	117.2358	-23.2	417	QYA	0	0	0	0	50	31.5	1555	46	73	84	1.587	0.869	0.548	12.5	24.29
1960	40.9753	117.2351	[illegible]	420	QYA	0	0	0	0	33	31.6	1447	38	91	123	2.395	0.740	0.309	12.5	24.28
1961	40.9753	117.2344	25.	416	QYA	0	0	0	0	23	31.5	1561	50	76	132	1.520	0.576	0.379	12.5	24.27
1962	40.9753	117.2337	30.4	415	QYA	0	0	0	0	32	31.5	1541	43	155	71	3.605	2.183	0.606	12.5	24.31
1963	40.9753	117.2330	19.4	413	QYA	0	0	0	0	42	31.5	1489	48	81	95	1.688	0.853	0.505	12.5	24.29
1964	40.9753	117.2323	-4.0	412	QYA	0	0	0	0	36	31.5	1497	53	34	137	0.642	0.248	0.387	12.5	24.29
1965	40.9753	117.2316	-25.9	415	QYA	0	0	0	0	45	31.5	1481	40	81	96	2.025	0.844	0.417	12.6	24.29
1966	40.9753	117.2309	-33.7	418	QYA	0	0	0	0	50	31.6	1466	23	97	120	4.217	0.808	0.192	12.5	24.30
1967	40.9753	117.2302	-27.4	420	QYA	0	0	0	0	33	31.6	1482	43	79	118	1.837	0.669	0.364	12.6	24.29
1968	40.9753	117.2295	-8.3	417	QYA	0	0	0	0	50	31.6	1393	39	57	78	1.462	0.731	0.500	12.5	24.29
1969	40.9753	117.2288	22.3	420	QYA	0	0	0	0	46	31.6	1494	47	91	92	1.936	0.989	0.511	12.6	24.32
1970	40.9753	117.2281	60.2	417	QYA	0	0	0	0	34	31.6	1513	49	34	151	0.694	0.225	0.325	12.5	24.31
1971	40.9753	117.2274	95.2	406	QYA	0	0	0	0	40	31.4	1481	40	62	110	1.550	0.564	0.364	12.5	24.31
1972	40.9753	117.2267	97.5	402	QYA	0	0	0	0	46	31.3	1536	31	85	124	2.742	0.685	0.250	12.5	24.32
1973	40.9753	117.2260	97.3	400	QYA	0	0	0	0	41	31.2	1538	39	107	108	2.744	0.991	0.361	12.6	24.34
1974	40.9753	117.2253	14.6	397	QYA	0	0	0	0	52	31.2	1606	31	68	167	2.194	0.407	0.186	12.5	24.34
1975	40.9753	117.2246	-27.5	398	QYA	0	0	0	0	42	31.2	1597	45	81	131	1.800	0.618	0.344	12.6	24.32
1976	40.9753	117.2239	-40.9	404	QYA	0	0	0	0	49	31.3	1507	44	60	123	1.364	0.488	0.358	12.6	24.31
1977	40.9753	117.2232	-30.5	407	QYA	0	0	0	0	37	30.3	1604	51	88	121	1.725	0.727	0.421	12.5	24.32
1978	40.9753	117.2225	-11.4	408	QYA	0	0	0	0	39	30.3	1617	37	99	143	2.676	0.692	0.259	12.5	24.30
1979	40.9753	117.2218	6.2	408	QYA	0	0	0	0	59	30.3	1648	36	104	141	2.889	0.738	0.255	12.6	24.31
1980	40.9753	117.2211	16.8	409	QYA	0	0	0	0	51	30.4	1643	35	82	160	2.343	0.513	0.219	12.6	24.30
1981	40.9753	117.2204	16.9	409	QYA	0	0	0	0	41	30.4	1733	42	82	180	1.952	0.456	0.233	12.5	24.29
1982	40.9753	117.2197	9.5	406	QYA	0	0	0	0	41	30.3	1730	55	85	164	1.545	0.518	0.335	12.5	24.28
1983	40.9753	117.2191	0.6	404	QYA	0	0	0	0	25	30.3	1782	40	149	148	3.725	1.007	0.270	12.5	24.29
1984	40.9753	117.2184	-1.8	402	QYA	0	0	0	0	31	30.2	1687	55	96	126	1.745	0.762	0.437	12.5	24.29
1985	40.9753	117.2177	4.2	398	QYA	0	0	0	0	43	30.2	1660	35	109	130	3.114	0.838	0.269	12.5	24.29
1986	40.9753	117.2170	16.1	399	QYA	0	0	0	0	52	30.2	1745	62	66	150	1.065	0.440	0.413	12.5	24.31
1987	40.9753	117.2164	25.6	391	QYA	0	0	0	0	40	30.0	1667	50	72	154	1.440	0.468	0.325	12.5	24.31
1988	40.9753	117.2157	28.7	384	QYA	0	0	0	0	51	29.9	1692	48	104	134	2.167	0.776	0.358	12.5	24.30
1989	40.9753	117.2150	24.5	379	QYA	0	0	0	0	45	29.8	1745	44	113	164	2.568	0.689	0.268	12.5	24.31
1990	40.9752	117.2144	24.4	379	QYA	0	0	0	0	30	29.8	1715	43	95	166	2.209	0.572	0.259	12.5	24.33
1991	40.9752	117.2137	45.2	376	QYA	0	0	0	0	56	29.8	1722	49	79	154	1.612	0.513	0.318	12.5	24.31
1992	40.9752	117.2130	54.6	375	QYA	0	0	0	0	36	29.8	1706	36	106	153	2.944	0.693	0.235	12.5	24.32
1993	40.9752	117.2124	37.7	377	QYA	0	0	0	0	48	29.8	1723	36	175	132	4.861	1.326	0.273	12.5	24.32
1994	40.9752	117.2117	-10.2	378	QYA	0	0	0	0	46	29.8	1698	36	84	193	2.333	0.435	0.187	12.5	24.31
1995	40.9752	117.2110	-74.6	385	QYA	0	0	0	0	47	29.9	1811	56	51	184	0.911	0.277	0.304	12.5	24.32
1996	40.9752	117.2104	-124.4	390	QYA	0	0	0	0	42	29.7	1748	55	92	126	1.673	0.730	0.437	12.6	24.31
1997	40.9752	117.2097	-149.5	394	QYA	0	0	0	0	42	29.8	1740	42	119	168	2.833	0.708	0.250	12.6	24.31
1998	40.9752	117.2090	-157.4	398	QYA	0	0	0	0	44	29.9	1686	34	162	138	4.765	1.174	0.246	12.6	24.31
1999	40.9752	117.2084	-159.2	400	QYA	0	0	0	0	37	29.9	1739	33	124	147	3.758	0.844	0.224	12.6	24.33
2000	40.9752	117.2077	-164.4	402	QYA	0	0	0	0	36	29.9	1756	43	103	160	2.395	0.644	0.269	12.6	24.32
2001	40.9752	117.2071	-170.5	402	QYA	0	0	0	0	34	29.9	1873	67	54	214	0.806	0.252	0.313	12.5	24.30
2002	40.9752	117.2064	-174.2	398	QYA	0	0	0	0	39	29.9	1871	47	107	178	2.277	0.601	0.264	12.6	24.31
2003	40.9752	117.2057	-176.1	397	QYA	0	0	0	0	50	29.8	1905	42	127	208	3.024	0.611	0.202	12.6	24.33
2004	40.9752	117.2051	-176.3	394	QYA	0	0	0	0	38	29.8	1958	62	87	202	1.403	0.431	0.307	12.5	24.33
2005	40.9752	117.2044	-174.9	390	QYA	0	0	0	0	38	29.7	1969	47	131	205	2.787	0.639	0.229	12.5	24.33
2006	40.9752	117.2037	-172.6	384	QYA	0	0	0	0	52	29.6	1974	56	93	206	1.661	0.451	0.272	12.5	24.33
2007	40.9752	117.2031	-164.5	383	QYA	0	0	0	0	35	29.6	2034	54	148	194	2.741	0.763	0.278	12.5	24.33

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2008	40.9752	117.2024	-161.0	375	QYA	0	0	0	0	46	29.5	2013	42	125	217	2.976	0.576	0.194	12.5	24.35
2009	40.9751	117.2017	-157.6	375	QYA	0	0	0	0	37	29.5	1932	38	144	204	3.789	0.706	0.186	12.4	24.32
2010	40.9751	117.2011	-158.0	372	QYA	0	0	0	0	43	29.4	2029	46	120	242	2.609	0.496	0.190	12.5	24.31
2011	40.9751	117.2004	-167.0	370	QYA	0	0	0	0	32	29.4	1983	52	104	226	2.000	0.460	0.230	12.4	24.31
2012	40.9751	117.1997	-180.1	367	QYA	0	0	0	0	42	29.3	1980	63	119	175	1.889	0.680	0.360	12.4	24.31
2013	40.9751	117.1991	-185.5	366	QYA	0	0	0	0	38	29.3	1922	46	154	183	3.348	0.842	0.251	12.4	24.31
2014	40.9751	117.1984	-174.9	366	QYA	0	0	0	0	46	29.3	2008	43	110	263	2.558	0.418	0.163	12.4	24.30
2015	40.9751	117.1977	-148.1	364	QYA	0	0	0	0	31	27.7	2026	50	129	216	2.580	0.597	0.231	12.4	24.30
2016	40.9751	117.1971	-114.5	359	QYA	0	0	1	0	43	27.6	1919	59	20	257	0.339	0.078	0.230	12.4	24.33
2017	40.9751	117.1964	-84.2	354	QYA	0	0	0	0	42	27.6	1985	57	73	222	1.281	0.329	0.257	12.4	24.35
2018	40.9751	117.1957	-60.4	349	QYA	0	0	0	0	48	27.5	1948	58	89	205	1.534	0.434	0.283	12.5	24.35
2019	40.9751	117.1951	-51.3	348	QYA	0	0	0	0	30	27.5	1986	66	69	254	1.045	0.272	0.260	12.5	24.35
2020	40.9751	117.1944	-78.1	352	QYA	0	0	0	0	40	27.5	1973	37	170	191	4.595	0.890	0.194	12.5	24.36
2021	40.9751	117.1938	-129.7	357	QYA	0	0	0	0	27	27.6	1979	41	164	179	4.000	0.916	0.229	12.5	24.36
2022	40.9751	117.193	-175.0	369	QYA	0	0	0	0	35	27.8	1936	48	102	205	2.125	0.498	0.234	12.5	24.35
2023	40.9751	117.1924	-195.8	379	QYA	0	0	0	0	41	28.0	1904	45	97	201	2.156	0.483	0.224	12.6	24.34
2024	40.9751	117.1918	-202.6	391	QYA	0	0	0	0	27	28.2	1902	44	87	219	1.977	0.397	0.201	12.6	24.33
2025	40.9751	117.1911	-203.4	400	QYA	0	0	0	0	71	28.3	1906	57	51	221	0.895	0.231	0.258	12.5	24.30
2026	40.9751	117.1904	-209.8	402	QYA	0	0	0	0	30	28.4	1976	42	117	221	2.786	0.529	0.190	12.5	24.29
2027	40.9751	117.1898	-221.7	403	QYA	0	0	0	0	50	28.4	1905	53	104	164	1.962	0.634	0.323	12.5	24.28
2028	40.9750	117.1891	-237.8	406	QYA	0	0	0	0	52	28.4	1972	44	148	179	3.364	0.827	0.246	12.5	24.28
2029	40.9750	117.1884	-252.2	408	QYA	0	0	0	0	39	28.5	1876	46	110	178	2.391	0.618	0.258	12.5	24.27
2030	40.9750	117.1878	-253.3	408	QYA	0	0	0	0	34	28.5	1941	61	74	212	1.213	0.349	0.288	12.6	24.28
2031	40.9750	117.1871	-247.5	409	QYA	0	0	0	0	47	28.5	1914	54	71	191	1.315	0.372	0.283	12.6	24.28
2032	40.9750	117.1864	-248.4	409	QYA	0	0	0	0	44	28.5	1974	59	102	186	1.729	0.548	0.317	12.6	24.26
2033	40.9750	117.1858	-244.5	406	QYA	0	0	0	0	56	28.5	1902	48	86	181	1.792	0.475	0.265	12.6	24.27
2034	40.9750	117.1851	-248.4	405	QYA	0	0	0	0	33	25.8	2007	73	34	239	0.466	0.142	0.305	12.6	24.29
2035	40.9750	117.1844	-260.1	403	QYA	0	0	1	0	50	25.8	1998	65	22	250	0.338	0.088	0.260	12.6	24.29
2036	40.9750	117.1838	-279.2	405	QYA	0	0	0	0	45	25.8	1943	41	58	262	1.415	0.221	0.156	12.7	24.31
2037	40.9750	117.1831	-301.3	406	QYA	0	0	0	0	46	25.8	2028	61	95	208	1.557	0.457	0.293	12.6	24.32
2038	40.9750	117.1825	-323.0	406	QYA	0	0	0	0	44	25.8	1999	55	124	215	2.255	0.577	0.256	12.6	24.31
2039	40.9750	117.1818	-347.6	407	QYA	0	0	0	0	34	25.8	1870	44	150	173	3.409	0.867	0.254	12.6	24.30
2040	40.9750	117.1811	-347.7	410	QYA	0	0	0	0	41	25.9	1941	39	164	177	4.205	0.927	0.220	12.6	24.31
2041	40.9750	117.1805	-372.6	410	QYA	0	0	0	0	30	25.9	1981	49	127	236	2.592	0.538	0.208	12.6	24.33
2042	40.9750	117.1798	-389.0	409	QYA	0	0	0	0	45	25.9	1991	63	41	240	0.651	0.171	0.262	12.6	24.29
2043	40.9750	117.1791	-400.7	410	QYA	0	0	0	0	34	25.9	1961	46	131	211	2.848	0.621	0.218	12.5	24.29
2044	40.9750	117.1785	-403.6	407	QYA	0	0	0	0	45	25.8	1890	67	74	188	1.104	0.394	0.356	12.5	24.28
2045	40.9750	117.1778	-397.2	407	QYA	0	0	0	0	48	25.8	1854	52	44	225	0.846	0.196	0.231	12.5	24.28
2046	40.9749	117.1771	-384.7	404	QYA	0	0	0	0	34	25.8	1878	55	140	156	2.545	0.897	0.353	12.4	24.28
2047	40.9749	117.1765	-371.1	400	QYA	0	0	0	0	46	25.7	1881	47	89	206	2.023	0.432	0.214	12.4	24.29
2048	40.9749	117.1758	-360.7	399	QYA	0	0	0	0	41	25.7	1993	50	115	213	2.300	0.540	0.235	12.4	24.27
2049	40.9749	117.1751	-352.6	403	QYA	0	0	0	0	51	25.8	1920	48	53	237	1.104	0.224	0.203	12.5	24.28
2050	40.9749	117.1745	-342.0	402	QYA	0	0	0	0	56	25.8	1927	65	48	209	0.738	0.230	0.311	12.5	24.28
2051	40.9749	117.1738	-326.6	404	QYA	0	0	0	0	39	25.8	1881	49	114	215	2.327	0.530	0.228	12.5	24.26
2052	40.9749	117.1731	-308.5	406	QYA	0	0	0	0	51	25.8	1872	45	91	217	2.022	0.419	0.207	12.5	24.29
2053	40.9749	117.1725	-292.1	404	QYA	0	0	0	0	27	27.9	1992	59	115	195	1.949	0.590	0.303	12.6	24.30
2054	40.9749	117.1718	-281.1	401	QYA	0	0	0	0	43	27.9	1862	43	114	193	2.651	0.591	0.223	12.6	24.29
2055	40.9749	117.1712	-270.4	402	QYA	0	0	0	0	38	27.9	1872	50	106	168	2.120	0.631	0.298	12.6	24.29
2056	40.9749	117.1705	-252.8	405	QYA	0	0	0	0	54	28.0	1885	58	109	181	1.879	0.602	0.320	12.6	24.29
2057	40.9749	117.1698	-252.9	411	QYA	0	0	0	0	36	28.1	1934	68	64	186	0.941	0.344	0.366	12.7	24.30
2058	40.9749	117.1692	-243.3	411	QYA	0	0	0	0	45	28.1	1852	51	56	197	1.098	0.284	0.259	12.6	24.29
2059	40.9749	117.1685	-240.7	413	QYA	0	0	0	0	48	28.1	1882	57	59	217	1.035	0.272	0.263	12.6	24.28
2060	40.9749	117.1678	-232.6	408	QYA	0	0	0	0	48	28.0	1865	48	141	158	2.938	0.892	0.304	12.6	24.29
2061	40.9749	117.1672	-225.0	404	QYA	0	0	0	0	33	28.0	1938	53	86	187	1.623	0.460	0.283	12.6	24.30

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2062	40.9749	117.1665	-221.9	402	QYA	0	0	0	0	49	27.9	1832	53	79	187	1.491	0.422	0.283	12.6	24.29
2063	40.9749	117.1658	-236.4	396	QYA	0	0	0	0	44	27.8	1830	46	101	180	2.196	0.561	0.256	12.5	24.29
2064	40.9749	117.1652	-257.8	396	QYA	0	0	0	0	38	27.8	1933	49	128	174	2.612	0.736	0.282	12.5	24.29
2065	40.9748	117.1645	-266.7	397	QYA	0	0	0	0	43	27.8	1913	40	122	177	3.050	0.689	0.226	12.5	24.28
2066	40.9748	117.1638	-253.0	397	QYA	0	0	0	0	33	27.8	1898	44	149	175	3.386	0.851	0.251	12.5	24.26
2067	40.9748	117.1632	-231.4	398	QYA	0	0	0	0	44	27.8	1915	51	83	208	1.627	0.399	0.245	12.5	24.25
2068	40.9748	117.1625	-209.1	396	QYA	0	0	0	0	41	27.8	1934	54	85	196	1.574	0.434	0.276	12.5	24.25
2069	40.9748	117.1618	-183.5	391	QYA	0	0	0	0	43	27.7	1926	27	130	248	4.815	0.524	0.109	12.4	24.27
2070	40.9748	117.1612	-160.9	392	QYA	0	0	0	0	29	27.7	1866	43	106	201	2.465	0.527	0.214	12.5	24.27
2071	40.9748	117.1605	-147.1	388	QYA	0	0	0	0	33	27.7	1906	45	115	227	2.556	0.507	0.198	12.5	24.27
2072	40.9748	117.1598	-151.5	385	QYA	0	0	0	0	43	26.0	1939	44	142	161	3.227	0.882	0.273	12.5	24.28
2073	40.9748	117.1592	-218.4	388	QYA	0	0	0	0	38	26.0	1828	56	76	185	1.357	0.411	0.303	12.5	24.29
2074	40.9748	117.1585	-218.5	394	QYA	0	0	0	0	40	26.1	1844	33	102	205	3.091	0.498	0.161	12.6	24.30
2075	40.9748	117.1579	-251.1	398	QYA	0	0	0	0	39	26.2	1914	59	140	179	2.373	0.782	0.330	12.6	24.29
2076	40.9748	117.1572	-257.2	398	QYA	0	0	0	0	40	26.2	1899	53	63	209	1.189	0.301	0.254	12.5	24.28
2077	40.9748	117.1565	-261.6	400	QYA	0	0	0	0	59	26.2	1830	41	82	211	2.000	0.389	0.194	12.6	24.29
2078	40.9748	117.1559	-263.5	400	QYA	0	0	0	0	37	26.2	1838	54	109	161	2.019	0.677	0.335	12.6	24.30
2079	40.9748	117.1552	-260.4	398	QYA	0	0	0	0	38	26.2	1847	53	120	198	2.264	0.606	0.268	12.5	24.29
2080	40.9748	117.1545	-249.8	399	QYA	0	0	0	0	42	26.2	1841	64	43	189	0.672	0.228	0.339	12.6	24.29
2081	40.9748	117.1539	-248.7	396	QYA	0	0	0	0	41	26.1	1852	29	171	176	5.897	0.972	0.165	12.5	24.28
2082	40.9748	117.1532	-260.6	391	QYA	0	0	0	0	48	26.1	1861	39	149	181	3.821	0.823	0.215	12.5	24.27
2083	40.9747	117.1525	-278.0	389	QYA	0	0	0	0	57	26.0	1843	46	67	197	1.457	0.340	0.234	12.5	24.28
2084	40.9747	117.1519	-301.7	387	QYA	0	0	0	0	24	26.0	1911	45	142	184	3.156	0.772	0.245	12.4	24.25
2085	40.9747	117.1512	-320.9	380	QYA	0	0	0	0	33	25.9	1803	47	99	194	2.106	0.510	0.242	12.4	24.26
2086	40.9747	117.1505	-340.3	373	QYA	0	0	0	0	40	25.8	1802	55	94	185	1.709	0.508	0.297	12.4	24.27
2087	40.9747	117.1499	-369.0	370	QYA	0	0	0	0	51	25.7	1806	56	87	196	1.554	0.444	0.286	12.5	24.30
2088	40.9747	117.1492	-400.9	364	QYA	0	0	0	0	37	25.6	1804	54	62	220	1.148	0.282	0.245	12.4	24.30
2089	40.9747	117.1485	-426.4	360	QYA	0	0	0	0	38	25.6	1854	68	36	211	0.529	0.171	0.322	12.4	24.30
2090	40.9747	117.1479	-428.0	359	QYA	0	0	0	0	28	25.5	1752	54	61	188	1.130	0.324	0.287	12.5	24.31
2091	40.9747	117.1472	-428.2	359	QYA	0	0	0	0	51	26.6	1817	50	82	169	1.640	0.485	0.296	12.5	24.33
2092	40.9747	117.1466	-368.8	362	QYA	0	0	0	0	43	26.7	1807	52	117	144	2.250	0.813	0.361	12.5	24.30
2093	40.9747	117.1459	-353.7	364	QYA	0	0	0	0	45	26.7	1828	51	133	164	2.608	0.811	0.311	12.5	24.31
2094	40.9747	117.1452	-353.1	363	QYA	0	0	0	0	61	26.7	1813	54	39	199	0.722	0.196	0.271	12.6	24.32
2095	40.9747	117.1446	-348.4	364	QYA	0	0	0	0	44	26.7	1838	33	122	173	3.697	0.705	0.191	12.5	24.30
2096	40.9747	117.1439	-331.8	361	QYA	0	0	0	0	35	26.7	1809	40	100	206	2.500	0.485	0.194	12.5	24.33
2097	40.9747	117.1432	-312.3	359	QYA	0	0	0	0	37	26.6	1835	43	99	187	2.302	0.529	0.230	12.6	24.32
2098	40.9747	117.1426	-292.9	362	QYA	0	0	0	0	48	26.7	1796	56	45	191	0.804	0.236	0.293	12.5	24.33
2099	40.9747	117.1419	-278.8	366	QYA	0	0	0	0	34	26.8	1845	45	91	214	2.022	0.425	0.210	12.6	24.32
2100	40.9747	117.1412	-269.6	368	QYA	0	0	0	0	35	26.8	1840	55	85	165	1.545	0.515	0.333	12.6	24.32
2101	40.9747	117.1406	-263.5	371	QYA	0	0	0	0	43	26.8	1780	49	63	230	1.286	0.274	0.213	12.5	24.31
2102	40.9746	117.1399	-264.4	374	QYA	0	0	0	0	45	26.9	1884	40	74	228	1.850	0.325	0.175	12.5	24.28
2103	40.9746	117.1392	-275.0	373	QYA	0	0	0	0	32	26.9	1851	44	67	205	1.523	0.327	0.215	12.4	24.27
2104	40.9746	117.1386	-293.4	374	QYA	0	0	0	0	29	26.9	1870	50	145	169	2.900	0.858	0.296	12.5	24.29
2105	40.9746	117.1379	-311.5	374	QYA	0	0	0	0	48	26.9	1860	49	153	165	3.122	0.927	0.297	12.4	24.27
2106	40.9746	117.1372	-320.7	374	QYA	0	0	0	0	48	26.9	1767	58	77	183	1.328	0.421	0.317	12.4	24.27
2107	40.9746	117.1366	-309.1	375	QYA	0	0	0	0	40	26.9	1797	53	134	140	2.528	0.957	0.379	12.4	24.29
2108	40.9746	117.1359	-290.7	376	QYA	0	0	0	0	44	26.9	1854	39	109	191	2.795	0.571	0.204	12.5	24.31
2109	40.9746	117.1353	-289.1	377	QYA	0	0	0	0	43	26.9	1801	54	74	177	1.370	0.418	0.305	12.5	24.29
2110	40.9746	117.1346	-283.4	382	QYA	0	0	0	0	38	27.0	1817	50	132	152	2.640	0.868	0.329	12.5	24.29
2111	40.9746	117.1339	-273.8	386	QYA	0	0	0	0	40	27.1	1880	39	186	147	4.769	1.265	0.265	12.6	24.28
2112	40.9746	117.1333	-278.9	390	QYA	0	0	0	0	43	27.2	1847	52	107	161	2.058	0.665	0.323	12.6	24.30
2113	40.9746	117.1326	-302.3	393	QYA	0	0	0	0	42	27.2	1889	47	164	151	3.489	1.086	0.311	12.5	24.29
2114	40.9746	117.1319	-313.6	396	QYA	0	0	0	0	39	27.3	1939	44	138	176	3.136	0.784	0.250	12.5	24.28
2115	40.9746	117.1313	-310.2	403	QYA	0	0	0	0	56	27.4	1933	59	73	204	1.237	0.358	0.289	12.6	24.29

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2116	40.9746	117.1306	-300.6	407	QYA	0	0	0	0	44	27.4	1933	54	83	188	1.537	0.441	0.287	12.5	24.28
2117	40.9746	117.1299	-291.6	413	QYA	0	0	0	0	36	27.5	1897	42	122	225	2.905	0.542	0.187	12.5	24.26
2118	40.9746	117.1293	-293.3	418	QYA	0	0	0	0	43	27.6	1852	42	127	174	3.024	0.730	0.241	12.5	24.25
2119	40.9746	117.1286	-313.1	422	QYA	0	0	0	0	41	27.7	1938	59	72	213	1.220	0.338	0.277	12.5	24.23
2120	40.9745	117.1279	-334.0	426	QYA	0	0	0	0	43	27.7	1840	47	97	170	2.064	0.571	0.276	12.5	24.23
2121	40.9745	117.1273	-344.6	429	QYA	0	0	0	0	44	27.8	1820	61	109	157	1.787	0.694	0.389	12.5	24.23
2122	40.9745	117.1266	-344.0	432	QYA	0	0	0	0	46	27.8	1905	45	91	200	2.022	0.455	0.225	12.5	24.21
2123	40.9745	117.1259	-332.1	432	QYA	0	0	0	0	39	27.8	1884	56	75	189	1.339	0.397	0.296	12.5	24.24
2124	40.9745	117.1253	-318.3	429	QYA	0	0	0	0	49	27.8	1872	45	93	189	2.067	0.492	0.238	12.5	24.23
2125	40.9745	117.1246	-299.9	429	QYA	0	0	0	0	40	27.8	1805	44	94	184	2.136	0.511	0.239	12.6	24.27
2126	40.9745	117.1239	-288.0	430	QYA	0	0	0	0	48	27.8	1875	55	105	179	1.909	0.587	0.307	12.5	24.26
2127	40.9745	117.1233	-285.5	427	QYA	0	0	0	0	65	27.7	1886	29	114	204	3.931	0.559	0.142	12.5	24.26
2128	40.9745	117.1226	-289.4	424	QYA	0	0	0	0	47	27.7	1735	33	79	206	2.394	0.383	0.160	12.5	24.26
2129	40.9745	117.1220	-296.1	417	QYA	0	0	0	0	45	31.0	1791	41	56	210	1.366	0.267	0.195	12.5	24.27
2130	40.9745	117.1213	-296.8	408	QYA	0	0	0	0	50	30.9	1881	48	58	170	1.208	0.341	0.282	12.5	24.28
2131	40.9745	117.1206	-300.7	404	QYA	0	0	0	0	47	30.8	1833	38	139	169	3.658	0.822	0.225	12.5	24.27
2132	40.9745	117.1200	-306.1	402	QYA	0	0	0	0	41	30.8	1710	41	42	223	1.024	0.188	0.184	12.5	24.27
2133	40.9745	117.1193	-290.5	398	QYA	0	0	0	0	45	30.7	1844	48	112	152	2.333	0.737	0.316	12.4	24.24
2134	40.9745	117.1186	-269.5	395	QYA	0	0	0	0	42	30.6	1785	38	105	200	2.763	0.525	0.190	12.4	24.26
2135	40.9745	117.1180	-267.1	394	QYA	0	0	0	0	52	30.6	1810	34	141	172	4.147	0.820	0.198	12.3	24.26
2136	40.9745	117.1173	-277.3	392	QYA	0	0	0	0	42	30.6	1832	37	168	147	4.541	1.143	0.252	12.3	24.25
2137	40.9745	117.1166	-290.4	392	QYA	0	0	0	0	37	30.6	1871	46	140	170	3.043	0.824	0.271	12.3	24.26
2138	40.9745	117.1160	-310.8	396	QYA	0	0	0	0	51	30.6	1826	44	63	218	1.432	0.289	0.202	12.3	24.28
2139	40.9744	117.1153	-329.4	401	QYA	0	0	0	0	59	30.7	1846	31	111	185	3.581	0.600	0.168	12.3	24.25
2140	40.9744	117.1146	-330.0	408	QYA	0	0	0	0	34	30.9	1883	54	104	150	1.926	0.693	0.360	12.4	24.27
2141	40.9744	117.1140	-321.1	412	QYA	0	0	0	0	53	30.9	1851	51	91	189	1.784	0.481	0.270	12.3	24.27
2142	40.9744	117.1133	-313.4	414	QYA	0	0	0	0	53	31.0	1871	45	118	172	2.622	0.686	0.262	12.4	24.28
2143	40.9744	117.1126	-315.3	415	QYA	0	0	0	0	46	31.0	1845	37	100	208	2.703	0.481	0.178	12.3	24.28
2144	40.9744	117.1120	-326.8	411	QYA	0	0	0	0	44	30.9	1918	57	131	184	2.298	0.712	0.310	12.4	24.27
2145	40.9744	117.1113	-335.2	407	QYA	0	0	0	0	40	30.8	1979	45	89	219	1.978	0.406	0.205	12.4	24.29
2146	40.9744	117.1107	-330.2	398	QYA	0	0	0	0	31	30.7	2028	49	170	182	3.469	0.934	0.269	12.3	24.28
2147	40.9744	117.1100	-329.6	389	QYA	0	0	0	0	38	30.5	1978	49	128	196	2.612	0.653	0.250	12.3	24.27
2148	40.9744	117.1093	-326.8	381	QYA	0	0	0	0	33	29.8	1896	52	117	175	2.250	0.669	0.297	12.3	24.26
2149	40.9744	117.1087	-315.8	368	QYA	0	0	0	0	33	29.6	2001	62	125	210	2.016	0.595	0.295	12.3	24.27
2150	40.9744	117.1080	-305.3	362	QYA	0	0	0	0	46	29.5	2015	64	108	198	1.688	0.545	0.323	12.3	24.26
2151	40.9744	117.1073	-310.4	357	QYA	0	0	0	0	33	29.4	2023	62	79	255	1.[illegible]	0.310	0.243	12.3	24.26
2152	40.9744	117.1067	-328.6	358	QYA	0	0	0	0	48	29.4	2032	66	99	213	1.[illegible]	0.465	0.310	12.2	24.26
2153	40.9744	117.1060	-345.7	357	QYA	0	0	0	0	46	29.4	1954	69	60	219	0.[illegible]70	0.274	0.315	12.3	24.29
2154	40.9744	117.1053	-359.1	360	QYA	0	0	0	0	46	29.4	2041	52	141	214	2.[illegible]12	0.659	0.243	12.4	24.29
2155	40.9744	117.1047	-368.2	364	QYA	0	0	0	0	66	29.5	2085	5[illegible]	124	203	2.480	0.611	0.246	12.4	24.29
2156	40.9744	117.1040	-370.1	365	QYA	0	0	0	0	62	29.5	2017	58	90	201	1.552	0.448	0.289	12.4	24.29
2157	40.9743	117.1033	-421.0	369	QYA	0	0	0	0	45	29.6	2028	61	70	242	1.148	0.289	0.252	12.4	24.29
2158	40.9743	117.1027	-421.1	373	QYA	0	0	0	0	36	29.7	1972	49	101	229	2.061	0.441	0.214	12.4	24.29
2159	40.9743	117.1020	-408.0	374	QYA	0	0	0	0	47	29.7	2003	50	137	204	2.740	0.672	0.245	12.5	24.31
2160	40.9743	117.1013	-379.3	375	QYA	0	0	0	0	43	29.7	2030	58	164	181	2.828	0.906	0.320	12.4	24.28
2161	40.9743	117.1007	-358.9	379	QYA	0	0	0	0	40	29.8	2066	55	80	238	1.455	0.336	0.231	12.3	24.28
2162	40.9743	117.1000	-341.1	378	QYA	0	0	0	0	42	29.8	2096	61	65	234	1.066	0.278	0.261	12.4	24.25
2163	40.9743	117.0994	-316.4	383	QYA	0	0	0	0	38	29.9	1972	57	56	241	0.982	0.232	0.237	12.3	24.25
2164	40.9743	117.0987	-298.8	384	QYA	0	0	0	0	32	29.9	2037	62	103	201	1.661	0.512	0.308	12.4	24.25
2165	40.9743	117.0980	-291.7	385	QYA	0	0	0	0	36	29.9	2049	57	136	198	2.386	0.687	0.288	12.4	24.25
2166	40.9743	117.0974	-291.4	380	QYA	0	0	0	0	46	29.8	2039	70	79	219	1.129	0.361	0.320	12.3	24.26
2167	40.9743	117.0967	-298.8	376	QYA	0	0	0	0	34	26.8	2061	66	122	192	1.848	0.635	0.344	12.4	24.27
2168	40.9743	117.0960	-313.5	368	QYA	0	0	0	0	33	26.6	2012	42	171	175	4.071	0.977	0.240	12.5	24.28
2169	40.9743	117.0954	-338.7	364	QYA	0	0	0	0	36	26.6	1937	53	104	177	1.962	0.588	0.299	12.4	24.29

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2170	40.9743	117.0947	-367.1	365	QYA	0	0	0	0	42	26.6	2016	57	114	191	2.000	0.597	0.298	12.5	24.30
2171	40.9743	117.0940	-387.4	371	QOA1	0	0	0	0	39	26.7	2040	45	97	278	2.156	0.349	0.162	12.6	24.31
2172	40.9743	117.0934	-389.8	376	QOA1	0	0	0	0	42	26.8	2032	72	59	218	0.819	0.271	0.330	12.5	24.28
2173	40.9743	117.0927	-369.7	377	QOA1	0	0	0	0	32	26.8	2016	85	63	217	0.741	0.290	0.392	12.5	24.27
2174	40.9743	117.0920	-311.6	377	QOA1	0	0	0	0	48	26.8	2045	47	132	196	2.809	0.673	0.240	12.5	24.26
2175	40.9743	117.0914	-311.7	370	QOA1	0	0	0	0	46	26.7	2082	56	193	150	3.446	1.287	0.373	12.5	24.28
2176	40.9742	117.0907	-297.6	370	QOA1	0	0	0	0	61	26.7	1957	56	129	180	2.304	0.717	0.311	12.5	24.28
2177	40.9742	117.0900	-298.3	364	QOA1	0	0	0	0	49	26.6	2034	69	47	264	0.681	0.178	0.261	12.4	24.27
2178	40.9742	117.0894	-306.5	362	QOA1	0	0	0	0	40	26.5	2001	65	84	189	1.292	0.444	0.344	12.5	24.27
2179	40.9742	117.0887	-319.7	359	QOA1	0	0	0	0	46	26.5	2066	60	114	188	1.900	0.606	0.319	12.5	24.28
2180	40.9742	117.0880	-326.3	359	QOA1	0	0	0	0	48	26.5	2070	65	112	247	1.723	0.453	0.263	12.5	24.27
2181	40.9742	117.0874	-319.4	359	QOA1	0	0	0	0	32	26.5	2015	53	77	239	1.453	0.322	0.222	12.5	24.29
2182	40.9742	117.0867	-299.6	360	QOA1	0	0	0	0	56	26.5	2081	62	94	242	1.516	0.388	0.256	12.5	24.29
2183	40.9742	117.0861	-276.2	362	QOA1	0	0	0	0	37	26.5	2006	56	112	222	2.000	0.505	0.252	12.5	24.29
2184	40.9742	117.0854	-262.3	367	QOA1	0	0	0	0	46	26.6	2034	61	159	182	2.607	0.874	0.335	12.5	24.30
2185	40.9742	117.0847	-256.1	373	QOA1	0	0	0	0	54	26.7	1916	61	51	202	0.836	0.252	0.302	12.5	24.27
2186	40.9742	117.0841	-250.8	377	QOA1	0	0	0	0	44	26.3	2017	42	185	191	4.405	0.969	0.220	12.5	24.30
2187	40.9742	117.0834	-246.6	378	QOA1	0	0	0	0	37	26.3	2027	55	67	264	1.218	0.254	0.208	12.5	24.26
2188	40.9742	117.0827	-251.5	385	QOA1	0	0	0	0	38	26.4	2087	67	115	198	1.716	0.581	0.338	12.6	24.29
2189	40.9742	117.0821	-266.8	385	QOA1	0	0	0	0	53	26.5	2029	58	131	172	2.259	0.762	0.337	12.5	24.24
2190	40.9742	117.0814	-291.2	392	QOA1	0	0	0	0	44	26.6	2036	65	162	166	2.492	0.976	0.392	12.5	24.25
2191	40.9742	117.0807	-327.6	393	QOA1	0	0	0	0	50	26.6	2010	54	81	233	1.500	0.348	0.232	12.5	24.23
2192	40.9742	117.0801	-327.7	394	QOA1	0	0	0	0	51	26.6	2110	52	159	197	3.058	0.807	0.264	12.5	24.25
2193	40.9742	117.0794	-329.4	390	QOA1	0	0	0	0	47	26.5	2120	75	86	192	1.147	0.448	0.391	12.5	24.24
2194	40.9742	117.0787	-320.6	381	QOA1	0	0	0	0	37	26.4	1952	50	93	203	1.860	0.458	0.246	12.5	24.25
2195	40.9741	117.0781	-309.7	383	QOA1	0	0	0	0	43	26.4	2057	50	142	202	2.840	0.703	0.248	12.6	24.25
2196	40.9741	117.0774	-299.1	380	QOA1	0	0	0	0	63	26.4	2106	67	88	203	1.313	0.433	0.330	12.6	24.27
2197	40.9741	117.0767	-296.6	378	QOA1	0	0	0	0	55	26.3	2065	64	143	180	2.234	0.794	0.356	12.6	24.28
2198	40.9741	117.0761	-299.0	375	QOA1	0	0	0	0	41	26.3	1969	46	131	227	2.848	0.577	0.203	12.7	24.26
2199	40.9741	117.0754	-303.1	376	QOA1	0	0	0	0	51	26.3	2056	64	102	211	1.594	0.483	0.303	12.6	24.27
2200	40.9741	117.0748	-306.7	380	QOA1	0	0	0	0	45	26.4	1968	55	150	182	2.727	0.824	0.302	12.7	24.29
2201	40.9741	117.0741	-302.6	380	QOA1	0	0	0	0	35	26.4	2038	58	137	193	2.362	0.710	0.301	12.7	24.26
2202	40.9741	117.0734	-298.0	382	QOA1	0	0	0	0	38	26.4	1968	68	64	222	0.941	0.288	0.306	12.7	24.25
2203	40.9741	117.0728	-295.9	382	QOA1	0	0	0	0	38	26.4	2066	51	156	211	3.059	0.739	0.242	12.7	24.27
2204	40.9741	117.0721	-291.8	379	QOA1	0	0	0	0	38	26.3	2041	69	87	224	1.261	0.388	0.308	12.7	24.25
2205	40.9741	117.0714	-286.4	382	QOA1	0	0	0	0	51	27.8	2014	58	95	200	1.638	0.475	0.290	12.8	24.25
2206	40.9741	117.0708	-279.1	381	QOA1	0	0	0	0	41	27.7	1968	72	115	151	1.597	0.762	0.477	12.7	24.25
2207	40.9741	117.0701	-271.2	382	QOA1	0	0	0	0	47	27.7	2009	44	122	232	2.773	0.526	0.190	12.7	24.23
2208	40.9741	117.0694	-254.1	385	QOA1	0	0	0	0	35	27.8	1974	52	122	209	2.346	0.584	0.249	12.7	24.24
2209	40.9741	117.0688	-254.2	387	QOA1	0	0	0	0	46	27.8	2022	61	129	168	2.115	0.768	0.363	12.8	24.25
2210	40.9741	117.0681	-236.1	389	QOA1	0	0	0	0	31	27.9	1991	46	164	163	3.565	1.006	0.282	12.8	24.25
2211	40.9741	117.0674	-235.9	393	QOA1	0	0	0	0	50	27.9	2069	77	93	169	1.208	0.550	0.456	12.8	24.25
2212	40.9741	117.0668	-232.5	395	QOA1	0	0	0	0	50	28.0	2024	77	46	223	0.597	0.206	0.345	12.8	24.25
2213	40.9740	117.0661	-228.9	396	QOA1	0	0	0	0	53	28.0	1919	45	117	186	2.600	0.629	0.242	12.7	24.24
2214	40.9740	117.0654	-222.3	395	QOA1	0	0	0	0	46	28.0	2019	63	93	214	1.476	0.435	0.294	12.7	24.25
2215	40.9740	117.0648	-213.5	395	QOA1	0	0	0	0	43	28.0	2017	52	135	179	2.596	0.754	0.291	12.7	24.26
2216	40.9740	117.0641	-203.9	395	QOA1	0	0	0	0	54	28.0	1977	48	136	205	2.833	0.663	0.234	12.7	24.26
2217	40.9740	117.0635	-196.0	394	QOA1	0	0	0	0	31	28.0	2007	58	121	197	2.086	0.614	0.294	12.7	24.25
2218	40.9740	117.0628	-194.2	393	QOA1	0	0	0	0	37	27.9	2073	46	153	240	3.326	0.638	0.192	12.6	24.23
2219	40.9740	117.0621	-194.1	389	QOA1	0	0	0	0	31	27.9	2020	93	48	202	0.516	0.238	0.460	12.6	24.23
2220	40.9740	117.0615	-196.5	389	QOA1	0	0	0	0	52	27.9	1896	51	73	230	1.431	0.317	0.222	12.5	24.23
2221	40.9740	117.0608	-198.6	389	QOA1	0	0	0	0	48	27.9	1973	63	91	182	1.444	0.500	0.346	12.4	24.22
2222	40.9740	117.0601	-200.8	386	QOA1	0	0	0	0	29	27.8	2021	62	110	194	1.774	0.567	0.320	12.5	24.23
2223	40.9740	117.0595	-202.9	385	QOA1	0	0	0	0	50	27.8	2041	37	148	172	4.000	0.860	0.215	12.4	24.23

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2224	40.9740	117.0591	-205.8	384	QOA1	0	0	0	0	44	27.6	1869	48	129	149	2.688	0.866	0.322	12.4	24.23
2225	40.9740	117.0586	-215.1	384	QOA1	0	0	0	0	42	27.6	1973	60	124	168	2.067	0.738	0.357	12.4	24.24
2226	40.9740	117.0582	-215.2	382	QOA1	0	0	0	0	42	27.6	1969	55	147	182	2.673	0.808	0.302	12.4	24.24
2227	40.9740	117.0578	-219.1	378	QOA1	0	0	0	0	38	27.5	1935	41	166	191	4.049	0.869	0.215	12.4	24.26
2228	40.9740	117.0574	-218.7	377	QOA1	0	0	0	0	47	27.5	1981	42	181	158	4.310	1.146	0.266	12.4	24.25
2229	40.9740	117.0570	-218.3	376	QOA1	0	0	0	0	42	27.5	1973	44	98	229	2.227	0.428	0.192	12.5	24.26
2230	40.9740	117.0566	-219.1	377	QOA1	0	0	0	0	43	27.5	1921	49	145	195	2.959	0.744	0.251	12.4	24.25
2231	40.9740	117.0562	-222.0	377	QOA1	0	0	0	0	40	27.5	1963	64	140	175	2.188	0.800	0.366	12.5	24.25
2232	40.9740	117.0558	-226.3	376	QOA1	0	0	0	0	41	27.5	1947	45	165	176	3.667	0.938	0.256	12.5	24.25
2233	40.9740	117.0554	-227.9	374	QOA1	0	0	0	0	48	27.5	2018	54	123	208	2.278	0.591	0.260	12.5	24.26
2234	40.9740	117.0549	-227.5	372	QOA1	0	0	0	0	40	27.5	2002	57	110	207	1.930	0.531	0.275	12.5	24.23
2235	40.9740	117.0545	-225.4	370	QOA1	0	0	0	0	42	27.4	1989	62	65	216	1.048	0.301	0.287	12.5	24.23
2236	40.9740	117.0541	-222.0	365	QOA1	0	0	0	0	44	27.3	2089	65	96	218	1.477	0.440	0.298	12.4	24.23
2237	40.9740	117.0537	-217.6	364	QOA1	0	0	0	0	37	27.3	1954	44	133	209	3.023	0.636	0.211	12.5	24.24
2238	40.9740	117.0533	-210.2	366	QOA1	0	0	0	0	39	27.3	1948	48	131	212	2.729	0.618	0.226	12.5	24.24
2239	40.9740	117.0529	-201.5	369	QOA1	0	0	0	0	43	27.4	1881	51	124	195	2.431	0.636	0.262	12.5	24.24
2240	40.9740	117.0525	-193.3	374	QOA1	0	0	0	0	43	27.5	2060	70	102	190	1.457	0.537	0.368	12.5	24.23
2241	40.9740	117.0521	-188.8	382	QOA1	0	0	0	0	48	27.6	1977	58	190	162	3.276	1.173	0.358	12.6	24.21
2242	40.9740	117.0517	-190.3	392	QOA1	0	0	0	0	48	27.8	2009	59	55	236	0.932	0.233	0.250	12.6	24.21
2243	40.9740	117.0512	-207.1	399	QOA1	0	0	0	0	48	27.1	2042	69	83	216	1.203	0.384	0.319	12.7	24.23
2244	40.9740	117.0508	-221.2	401	QOA1	0	0	0	0	44	27.1	1918	43	139	183	3.233	0.760	0.235	12.6	24.23
2245	40.9740	117.0504	-236.0	403	QOA1	0	0	0	0	34	27.1	2014	57	133	195	2.333	0.682	0.292	12.6	24.21
2246	40.9740	117.0500	-253.1	404	QOA1	0	0	0	0	43	27.1	2002	65	64	223	0.985	0.287	0.291	12.6	24.22
2247	40.9740	117.0496	-265.9	407	QOA1	0	0	0	0	50	27.2	1974	57	186	171	3.263	1.088	0.333	12.6	24.22
2248	40.9740	117.0492	-275.1	403	QOA1	0	0	0	0	33	27.1	1993	53	97	228	1.830	0.425	0.232	12.5	24.20
2249	40.9740	117.0488	-278.7	400	QOA1	0	0	0	0	57	27.1	2064	59	104	210	1.763	0.495	0.281	12.5	24.21
2250	40.9740	117.0484	-277.8	399	QOA1	0	0	0	0	41	27.1	1981	63	115	188	1.825	0.612	0.335	12.5	24.20
2251	40.9741	117.0480	-273.1	398	QOA1	0	0	0	0	45	27.0	1990	67	118	177	1.761	0.667	0.379	12.5	24.19
2252	40.9741	117.0475	-265.5	396	QOA1	0	0	0	0	43	27.0	2006	76	54	222	0.711	0.243	0.342	12.5	24.22
2253	40.9741	117.0471	-257.6	393	QOA1	0	0	0	0	53	27.0	2000	70	103	176	1.471	0.585	0.398	12.5	24.19
2254	40.9741	117.0467	-247.7	392	QOA1	0	0	0	0	53	27.0	2009	39	117	215	3.000	0.544	0.181	12.5	24.22
2255	40.9741	117.0463	-238.7	395	QOA1	0	0	0	0	51	27.0	2027	61	113	179	1.852	0.631	0.341	12.6	24.23
2256	40.9741	117.0459	-231.3	399	QOA1	0	0	0	0	41	27.1	1973	47	204	154	4.340	1.325	0.305	12.6	24.23
2257	40.9741	117.0455	-225.1	404	QOA1	0	0	0	0	38	27.1	2075	65	93	213	1.431	0.437	0.305	12.6	24.19
2258	40.9741	117.0451	-220.9	407	QOA1	0	0	0	0	46	27.2	1977	60	83	206	1.383	0.403	0.291	12.7	24.21
2259	40.9741	117.0447	-218.2	411	QOA1	0	0	0	0	36	27.3	2031	66	106	213	1.606	0.498	0.310	12.7	24.23
2260	40.9741	117.0443	-215.8	413	QOA1	0	0	0	0	48	27.3	2021	62	45	240	0.726	0.188	0.258	12.7	24.23
2261	40.9741	117.0438	-216.1	417	QOA1	0	0	0	0	45	27.3	1996	37	114	198	3.081	0.576	0.187	12.6	24.19
2262	40.9741	117.0434	-218.2	415	QOA1	0	0	0	0	34	27.1	1970	58	140	165	2.414	0.848	0.352	12.6	24.19
2263	40.9741	117.0430	-221.4	406	QOA1	0	0	0	0	44	27.0	2034	55	112	208	2.036	0.538	0.264	12.6	24.17
2264	40.9741	117.0426	-225.5	403	QOA1	0	0	0	0	26	26.9	1989	71	83	211	1.169	0.393	0.336	12.6	24.17
2265	40.9741	117.0422	-229.3	402	QOA1	0	0	0	0	38	26.9	2070	57	76	247	1.333	0.308	0.231	12.5	24.17
2266	40.9741	117.0418	-234.9	406	QOA1	0	0	0	0	37	27.0	1992	61	120	194	1.967	0.619	0.314	12.6	24.18
2267	40.9741	117.0414	-240.0	408	QOA1	0	0	0	0	45	27.0	2001	54	123	197	2.278	0.624	0.274	12.7	24.18
2268	40.9741	117.0410	-244.5	413	QOA1	0	0	0	0	34	27.1	2103	72	91	221	1.264	0.412	0.326	12.7	24.19
2269	40.9741	117.0406	-248.8	419	QOA1	0	0	0	0	39	27.2	2055	58	130	196	2.241	0.663	0.296	12.7	24.19
2270	40.9741	117.0402	-251.9	424	QOA1	0	0	0	0	41	27.2	2072	60	162	187	2.700	0.866	0.321	12.7	24.19
2271	40.9741	117.0397	-256.2	426	QOA1	0	0	0	0	40	27.3	1990	68	101	165	1.485	0.612	0.412	12.7	24.18
2272	40.9741	117.0393	-261.8	420	QOA1	0	0	0	0	41	27.2	1972	55	132	160	2.400	0.825	0.344	12.8	24.20
2273	40.9741	117.0389	-266.2	416	QOA1	0	0	1	0	48	27.1	1974	81	-18	235	-0.222	-0.077	0.345	12.8	24.20
2274	40.9741	117.0385	-270.3	412	QOA1	0	0	0	0	53	27.0	2020	45	176	178	3.911	0.989	0.253	12.7	24.19
2275	40.9741	117.0381	-274.5	405	QOA1	0	0	0	0	54	26.9	2008	61	144	166	2.361	0.867	0.367	12.7	24.19
2276	40.9741	117.0377	-278.4	401	QOA1	0	0	1	0	48	26.9	1936	80	7	216	0.088	0.032	0.370	12.7	24.18
2277	40.9741	117.0373	-278.5	398	QOA1	0	0	0	0	46	26.8	2034	67	117	169	1.746	0.692	0.396	12.7	24.19

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2278	40.9741	117.0369	-276.6	389	QOA1	0	0	0	0	40	26.7	2014	74	103	167	1.392	0.617	0.443	12.7	24.17
2279	40.9741	117.0365	-274.5	387	QOA1	0	0	0	0	33	26.6	1961	72	75	210	1.042	0.357	0.343	12.7	24.18
2280	40.9741	117.0360	-271.3	389	QOA1	0	0	0	0	51	26.7	2043	57	150	180	2.632	0.833	0.317	12.6	24.19
2281	40.9741	117.0356	-268.4	392	QOA1	0	0	0	0	63	25.9	2014	54	103	199	1.907	0.518	0.271	12.7	24.20
2282	40.9741	117.0352	-264.7	390	QOA1	0	0	0	0	44	25.9	2009	49	131	206	2.673	0.636	0.238	12.6	24.21
2283	40.9741	117.0348	-261.3	387	QOA1	0	0	0	0	51	25.8	1918	44	110	190	2.500	0.579	0.232	12.7	24.23
2284	40.9741	117.0344	-259.4	389	QOA1	0	0	0	0	33	25.9	1956	60	128	164	2.133	0.780	0.366	12.6	24.22
2285	40.9741	117.0340	-258.0	390	QOA1	0	0	0	0	40	25.9	1974	63	47	247	0.746	0.190	0.255	12.7	24.21
2286	40.9741	117.0336	-256.6	393	QOA1	0	0	1	0	39	25.9	1970	75	27	224	0.360	0.121	0.335	12.6	24.20
2287	40.9741	117.0332	-256.9	393	QOA1	0	0	0	0	35	25.9	1987	64	55	205	0.859	0.268	0.312	12.5	24.16
2288	40.9741	117.0328	-258.0	395	QOA1	0	0	0	0	38	25.9	2008	66	92	216	1.394	0.426	0.306	12.6	24.19
2289	40.9741	117.0323	-259.2	404	QOA1	0	0	0	0	59	26.1	1999	64	40	200	0.625	0.200	0.320	12.6	24.18
2290	40.9741	117.0319	-262.1	406	QOA1	0	0	0	0	43	26.1	1877	60	127	146	2.117	0.870	0.411	12.6	24.17
2291	40.9741	117.0315	-264.4	405	QOA1	0	0	0	0	37	26.1	1950	47	160	178	3.404	0.899	0.264	12.6	[illegible]
2292	40.9741	117.0311	-266.2	408	QOA1	0	0	0	0	44	26.1	1973	70	98	184	1.400	0.533	0.380	12.6	[illegible]
2293	40.9741	117.0307	-268.0	411	QOA1	0	0	0	0	34	26.2	1965	48	126	195	2.625	0.646	0.246	12.6	[illegible]19
2294	40.9741	117.0303	-272.6	411	QOA1	0	0	0	0	43	26.2	1966	65	78	177	1.200	0.441	0.367	12.7	24.20
2295	40.9741	117.0299	-274.8	403	QOA1	0	0	0	0	34	26.1	2005	59	101	194	1.712	0.521	0.304	12.6	24.19
2296	40.9741	117.0295	-276.9	400	QOA1	0	0	0	0	52	26.0	1982	58	149	133	2.569	1.120	0.436	12.7	24.19
2297	40.9741	117.0291	-278.5	400	QOA1	0	0	0	0	44	26.0	1950	54	140	177	2.593	0.791	0.305	12.6	24.19
2298	40.9741	117.0286	-278.9	400	QOA1	0	0	0	0	45	26.0	1884	62	94	175	1.516	0.537	0.354	12.6	24.17
2299	40.9742	117.0282	-279.4	400	QOA1	0	0	0	0	42	26.0	1880	56	55	191	0.982	0.288	0.293	12.6	24.16
2300	40.9742	117.0278	-278.8	398	QOA1	0	0	0	0	36	26.0	1895	54	55	248	1.019	0.222	0.218	12.6	24.15
2301	40.9742	117.0274	-277.2	396	QOA1	0	0	0	0	47	26.0	1945	57	161	154	2.825	1.045	0.370	12.5	24.15
2302	40.9742	117.0270	-280.5	395	QOA1	0	0	0	0	46	26.0	1986	58	65	207	1.121	0.314	0.280	12.5	24.16
2303	40.9742	117.0266	-281.9	390	QOA1	0	0	0	0	55	25.9	2027	66	67	225	1.015	0.298	0.293	12.5	24.16
2304	40.9742	117.0262	-283.3	382	QOA1	0	0	0	0	48	25.8	1910	42	104	206	2.476	0.505	0.204	12.6	24.18
2305	40.9742	117.0258	-283.7	379	QOA1	0	0	0	0	35	25.7	1893	50	186	117	3.720	1.590	0.427	12.6	24.18
2306	40.9742	117.0254	-286.3	375	QOA1	0	0	0	0	48	25.7	1929	79	47	218	0.595	0.216	0.362	12.7	24.20
2307	40.9742	117.0250	-287.6	372	QOA1	0	0	0	0	40	25.6	1990	63	99	206	1.571	0.481	0.306	12.7	24.20
2308	40.9742	117.0245	-288.7	369	QOA1	0	0	0	0	43	25.6	1988	58	59	221	1.017	0.267	0.262	12.7	24.20
2309	40.9742	117.0241	-291.8	373	QOA1	0	0	0	0	46	25.7	2000	58	152	164	2.621	0.927	0.354	12.7	24.19
2310	40.9742	117.0237	-291.9	372	QOA1	0	0	0	0	46	25.6	1961	56	85	231	1.518	0.368	0.242	12.8	24.19
2311	40.9742	117.0233	-294.2	378	QOA1	0	0	0	0	38	25.7	1976	49	72	262	1.469	0.275	0.187	12.7	24.19
2312	40.9742	117.0229	-295.3	379	QOA1	0	0	0	0	38	25.8	1941	81	38	201	0.469	0.189	0.403	12.6	24.16
2313	40.9742	117.0225	-294.9	378	QOA1	0	0	0	0	51	25.7	1905	46	92	203	2.000	0.453	0.227	12.6	24.14
2314	40.9742	117.0221	-295.2	378	QOA1	0	0	0	0	52	25.7	1904	61	45	224	0.738	0.201	0.272	12.5	24.14
2315	40.9742	117.0217	-296.1	378	QOA1	0	0	0	0	56	25.7	1967	52	158	135	3.038	1.170	0.385	12.5	24.15
2316	40.9742	117.0213	-295.9	376	QOA1	0	0	0	0	44	25.7	1959	54	141	178	2.611	0.792	0.303	12.5	24.15
2317	40.9742	117.0208	-296.0	373	QOA1	0	0	0	0	54	25.7	1890	57	131	143	2.298	0.916	0.399	12.5	24.14
2318	40.9742	117.0204	-295.7	371	QOA1	0	0	0	0	58	25.6	1944	69	81	199	1.174	0.407	0.347	12.5	24.17
2319	40.9742	117.0200	-294.5	368	QOA1	0	0	0	0	42	25.7	1962	48	83	224	1.729	0.371	0.214	12.6	24.19
2320	40.9742	117.0196	-294.1	364	QOA1	0	0	0	0	46	25.6	1973	62	150	156	2.419	0.962	0.397	12.6	24.18
2321	40.9742	117.0192	-293.4	367	QOA1	0	0	0	0	53	25.7	1864	57	101	165	1.772	0.612	0.345	12.6	24.19
2322	40.9742	117.0188	-291.3	365	QOA1	0	0	0	0	44	25.6	1875	65	73	211	1.123	0.346	0.308	12.6	24.18
2323	40.9742	117.0184	-289.1	368	QOA1	0	0	0	0	52	25.7	1931	82	118	156	1.439	0.756	0.526	12.6	24.19
2324	40.9742	117.0180	-286.2	367	QOA1	0	0	0	0	46	25.7	1974	64	75	215	1.172	0.349	0.298	12.5	24.17
2325	40.9742	117.0176	-283.6	367	QOA1	0	0	0	0	42	25.7	1835	53	108	175	2.038	0.617	0.303	12.4	24.14
2326	40.9742	117.0171	-277.6	372	QOA1	0	0	0	0	43	25.7	1982	59	121	193	2.051	0.627	0.306	12.4	24.15
2327	40.9742	117.0167	-277.6	380	QOA1	0	0	0	0	36	25.9	1909	57	110	200	1.930	0.550	0.285	12.4	24.14
2328	40.9742	117.0163	-272.5	383	QOA1	0	0	0	0	43	25.9	1971	59	150	146	2.542	1.027	0.404	12.5	24.13
2329	40.9742	117.0159	-269.5	383	QOA1	0	0	0	0	45	25.9	1906	54	108	176	2.000	0.614	0.307	12.4	24.13
2330	40.9742	117.0155	-266.7	379	QA1	0	0	0	0	40	25.9	1980	58	170	141	2.931	1.206	0.411	12.5	24.14
2331	40.9742	117.0151	-264.7	385	QA1	0	0	0	0	43	25.9	1959	43	172	151	4.000	1.139	0.285	12.5	24.15

REC	LAT	LONG	RMAG	ALT	SEQUNT	A	K	U	T	COS	BIAIR	GC	IL	BI	K	BI:IL	BI:K	IL:K	TEMP	BP
2332	40.9742	117.0147	-262.5	389	QA1	0	0	0	0	44	26.0	1960	67	146	172	2.179	0.849	0.390	12.6	24.16
2333	40.9742	117.0143	-261.3	391	QA1	0	0	0	0	32	26.0	1994	57	149	166	2.614	0.898	0.343	12.6	24.15
2334	40.9742	117.0139	-260.9	396	QA1	0	0	0	0	45	26.1	1962	53	50	252	0.943	0.198	0.210	12.6	24.16
2335	40.9742	117.0134	-261.0	392	QA1	0	0	0	0	47	26.1	1959	66	114	158	1.727	0.722	0.418	12.6	24.19
2336	40.9742	117.0130	-262.4	389	QA1	0	0	0	0	52	26.0	2020	63	134	167	2.127	0.802	0.377	12.6	24.16
2337	40.9742	117.0126	-263.2	392	QA1	0	0	0	0	56	26.1	1968	61	146	156	2.393	0.936	0.391	12.5	24.15
2338	40.9742	117.0122	-263.7	395	QA1	0	0	0	0	44	26.9	1999	70	72	227	1.029	0.317	0.308	12.5	24.15
2339	40.9742	117.0118	-265.1	399	QA1	0	0	0	0	52	27.0	2062	63	120	174	1.905	0.690	0.362	12.5	24.12
2340	40.9742	117.0114	-265.6	403	QA1	0	0	0	0	42	27.0	2067	67	86	204	1.284	0.422	0.328	12.5	24.14
2341	40.9742	117.0110	-265.5	397	QA1	0	0	0	0	53	26.9	1958	49	92	205	1.878	0.449	0.239	12.5	24.12
2342	40.9742	117.0106	-266.2	390	QA1	0	0	0	0	51	26.8	1926	43	177	163	4.116	1.086	0.264	12.5	24.13
2343	40.9742	117.0102	-262.6	383	QA1	0	0	0	0	39	26.7	1888	48	141	201	2.938	0.701	0.239	12.5	24.13
2344	40.9742	117.0098	-262.7	380	QA1	0	0	0	0	47	26.7	1907	59	143	160	2.424	0.894	0.369	12.5	24.15
2345	40.9742	117.0093	-260.1	371	QA1	0	0	0	0	46	26.5	1939	56	89	197	1.589	0.452	0.284	12.6	24.16
2346	40.9743	117.0089	-259.2	364	QA1	0	0	0	0	48	26.4	1873	64	77	176	1.203	0.438	0.364	12.5	24.18
2347	40.9743	117.0085	-257.1	358	QA1	0	0	1	0	41	26.3	1941	64	11	238	0.172	0.046	0.269	12.6	24.16
2348	40.9743	117.0081	-257.0	357	QA1	0	0	0	0	40	26.3	1877	59	89	182	1.508	0.489	0.324	12.6	24.17
2349	40.9743	117.0077	-253.8	362	QA1	0	0	0	0	44	26.4	1939	59	50	205	0.847	0.244	0.288	12.6	24.18
2350	40.9743	117.0073	-251.6	371	QA1	0	0	0	0	36	26.5	1955	52	78	223	1.500	0.350	0.233	12.5	24.15
2351	40.9743	117.0069	-243.9	372	QA1	0	0	0	0	48	26.5	1900	45	129	190	2.867	0.679	0.237	12.5	24.13
2352	40.9743	117.0065	-247.7	369	QA1	0	0	0	0	41	26.5	1851	57	74	185	1.298	0.400	0.308	12.4	24.12
2353	40.9743	117.0061	-245.6	373	QA1	0	0	0	0	45	26.5	1794	50	84	195	1.680	0.431	0.256	12.4	24.10
2354	40.9743	117.0056	-242.9	375	QA1	0	0	0	0	52	26.6	1847	42	103	185	2.452	0.557	0.227	12.5	24.10
2355	40.9743	117.0052	-239.7	377	QA1	0	0	0	0	46	26.6	1941	60	103	177	1.717	0.582	0.339	12.4	24.12
2356	40.9743	117.0048	-237.0	379	QA1	0	0	0	0	40	26.6	1817	44	80	187	1.818	0.428	0.235	12.5	24.11
2357	40.9743	117.0044	-235.1	383	QA1	0	0	0	0	49	27.9	1833	59	62	201	1.051	0.308	0.294	12.5	24.14
2358	40.9743	117.0040	-233.4	387	QA1	0	0	0	0	36	28.0	1779	37	102	182	2.757	0.560	0.203	12.5	24.13
2359	40.9743	117.0036	-231.5	388	QA1	0	0	0	0	33	28.0	1896	50	159	147	3.180	1.082	0.340	12.5	24.14
2360	40.9743	117.0032	-232.0	391	QA1	0	0	0	0	44	28.1	1830	62	53	187	0.855	0.283	0.332	12.5	24.12
2361	40.9743	117.0028	-232.1	393	QA1	0	0	0	0	48	28.1	1925	39	106	212	2.719	0.500	0.184	12.5	24.15
2362	40.9743	117.0024	-232.2	393	QA1	0	0	0	0	27	28.1	1893	61	106	179	1.738	0.592	0.341	12.5	24.13
2363	40.9743	117.0019	-231.3	395	QF	0	0	0	0	54	28.1	1908	52	63	204	1.212	0.309	0.255	12.4	24.11
2364	40.9743	117.0015	-231.4	393	QF	0	0	0	0	36	28.1	1912	49	204	97	4.163	2.103	0.505	12.3	24.09
2365	40.9743	117.0011	-231.0	392	QF	0	0	0	0	38	28.1	1861	61	96	169	1.574	0.568	0.361	12.3	24.08
2366	40.9743	117.0007	-230.6	390	QF	0	0	0	0	46	28.0	1941	52	119	161	2.288	0.739	0.323	12.3	24.10
2367	40.9743	117.0003	-230.2	389	QF	0	0	0	0	47	28.0	1882	42	144	124	3.429	1.161	0.339	12.3	24.09
2368	40.9743	116.9999	-229.5	389	QF	0	0	0	0	55	28.0	1837	43	87	194	2.023	0.448	0.222	12.3	24.07
2369	40.9743	116.9995	-228.6	388	QF	0	0	0	0	43	28.0	1887	55	46	236	0.836	0.195	0.233	12.3	24.09
2370	40.9743	116.9991	-227.0	386	QF	0	0	0	0	42	28.0	1859	56	117	142	2.089	0.824	0.394	12.3	24.10
2371	40.9743	116.9987	-226.6	386	QF	0	0	0	0	55	28.0	1878	61	77	195	1.262	0.395	0.313	12.3	24.09
2372	40.9743	116.9982	-225.2	384	QF	0	0	0	0	48	27.9	1832	35	120	198	3.429	0.606	0.177	12.3	24.11
2373	40.9743	116.9978	-223.8	385	QF	0	0	0	0	51	27.9	1781	43	139	156	3.233	0.891	0.276	12.3	24.10
2374	40.9743	116.9974	-222.3	388	QF	0	0	0	0	27	28.0	1826	46	103	186	2.239	0.554	0.247	12.4	24.11
2375	40.9743	116.9970	-220.9	389	QF	0	0	0	0	45	28.0	1915	40	118	205	2.950	0.576	0.195	12.3	24.11
2376	40.9743	116.9966	-219.0	389	QF	0	0	0	0	45	29.1	1798	31	117	163	3.774	0.718	0.190	12.3	24.10
2377	40.9743	116.9962	-216.1	385	QF	0	0	0	0	50	29.0	1860	46	80	226	1.739	0.354	0.204	12.3	24.09
2378	40.9743	116.9958	-216.3	378	QF	0	0	0	0	39	28.9	1817	48	127	171	2.646	0.743	0.281	12.3	24.10
2379	40.9743	116.9954	-215.9	373	QF	0	0	0	0	40	28.8	1860	55	78	197	1.418	0.396	0.279	12.3	24.07
2380	40.9743	116.9950	-218.3	371	QF	0	0	0	0	62	28.8	1779	40	74	192	1.850	0.385	0.208	12.2	24.07
2381	40.9743	116.9946	-219.6	372	QF	0	0	0	0	51	28.8	1812	50	77	200	1.540	0.385	0.250	12.2	24.07
2382	40.9743	116.9941	-221.4	380	QF	0	0	0	0	39	29.0	1846	52	78	194	1.500	0.402	0.268	12.3	24.05
2383	40.9743	116.9937	-223.5	378	QF	0	0	1	0	49	28.9	1846	73	12	195	0.164	0.062	0.374	12.3	24.06
2384	40.9743	116.9933	-224.6	378	QF	0	0	0	0	41	28.9	1854	41	121	191	2.951	0.634	0.215	12.3	24.07
2385	40.9743	116.9929	-225.1	381	QF	0	0	0	0	36	29.0	1819	60	98	147	1.633	0.667	0.408	12.3	24.06

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2386	40.9743	116.9925	-223.6	392	QF	0	0	1	0	50	29.2	1864	53	23	225	0.434	0.102	0.236	12.4	24.08
2387	40.9743	116.9921	-221.9	405	QF	0	0	0	0	44	29.4	1964	56	86	187	1.536	0.460	0.299	12.4	24.08
2388	40.9743	116.9917	-219.9	416	QF	0	0	0	0	48	29.6	1883	48	155	149	3.229	1.040	0.322	12.4	24.06
2389	40.9743	116.9913	-216.6	425	QF	0	0	0	0	45	29.7	1878	54	99	171	1.833	0.579	0.316	12.3	24.05
2390	40.9743	116.9909	-212.9	427	QF	0	0	0	0	65	29.8	1904	51	147	145	2.882	1.014	0.352	12.2	24.03
2391	40.9743	116.9904	-210.1	423	QF	0	0	0	0	47	29.7	1991	69	110	164	1.594	0.671	0.421	12.3	24.05
2392	40.9743	116.9900	-209.2	419	QF	0	0	0	0	50	29.6	1834	33	111	190	3.364	0.584	0.174	12.2	24.03
2393	40.9744	116.9896	-205.9	411	QF	0	0	0	0	48	29.5	1836	32	123	182	3.844	0.676	0.176	12.2	24.02
2394	40.9744	116.9892	-204.0	409	QF	0	0	0	0	51	29.5	1887	47	53	233	1.128	0.227	0.202	12.2	24.03
2395	40.9744	116.9888	-204.0	416	QF	0	0	0	0	39	32.3	1906	41	92	193	2.244	0.477	0.212	12.3	24.02
2396	40.9744	116.9884	-202.6	413	QF	0	0	0	0	46	32.3	1840	40	75	208	1.875	0.361	0.192	12.2	24.00
2397	40.9744	116.9880	-202.7	408	QF	0	0	0	0	31	32.2	1733	48	81	162	1.688	0.500	0.296	12.3	24.01
2398	40.9744	116.9876	-203.6	404	QF	0	0	0	0	57	32.1	1788	42	127	172	3.024	0.738	0.244	12.3	24.03
2399	40.9744	116.9872	-207.0	402	QF	0	0	0	0	55	32.1	1854	64	70	150	1.094	0.467	0.427	12.3	24.04
2400	40.9744	116.9867	-210.6	400	QF	0	0	0	0	40	32.0	1829	56	31	216	0.554	0.144	0.259	12.3	24.05
2401	40.9744	116.9863	-214.7	396	QF	0	0	0	0	37	32.0	1880	46	102	194	2.217	0.526	0.237	12.3	24.05
2402	40.9744	116.9859	-219.8	390	QF	0	0	0	0	48	31.9	1811	52	89	176	1.712	0.506	0.295	12.2	24.04
2403	40.9744	116.9855	-225.2	386	QF	0	0	0	0	55	31.8	1849	37	88	228	2.378	0.386	0.162	12.3	24.05
2404	40.9744	116.9851	-230.9	380	QF	0	0	0	0	48	31.7	1794	32	84	205	2.625	0.410	0.156	12.2	24.03
2405	40.9744	116.9847	-235.5	376	QF	0	0	0	0	57	31.6	1907	45	97	174	2.156	0.557	0.259	12.1	24.03
2406	40.9744	116.9843	-239.9	371	QF	0	0	0	0	39	31.5	1808	55	86	171	1.564	0.503	0.322	12.1	24.04
2407	40.9744	116.9839	-243.2	369	QF	0	0	0	0	52	31.4	1892	64	66	201	1.031	0.328	0.318	12.1	24.01
2408	40.9744	116.9835	-246.1	368	QF	0	0	0	0	48	31.4	1804	33	141	166	4.273	0.849	0.199	12.1	24.02
2409	40.9744	116.9830	-245.7	368	QF	0	0	0	0	47	31.4	1834	36	121	203	3.361	0.596	0.177	12.1	24.01
2410	40.9744	116.9826	-244.2	369	QF	0	0	0	0	43	31.4	1837	61	56	210	0.918	0.267	0.290	12.1	23.98
2411	40.9744	116.9822	-234.3	367	QF	0	0	0	0	57	31.4	1846	54	80	188	1.481	0.426	0.287	12.0	24.00
2412	40.9744	116.9818	-234.5	365	QF	0	0	0	0	38	31.4	1913	37	97	246	2.622	0.394	0.150	12.1	24.02
2413	40.9744	116.9814	-219.1	357	QF	0	0	0	0	39	31.2	1920	47	108	194	2.298	0.557	0.242	12.0	24.01
2414	40.9744	116.9810	-208.2	357	QF	0	0	0	0	54	32.1	1819	50	82	173	1.640	0.474	0.289	12.0	24.01
2415	40.9744	116.9806	-194.5	356	QF	0	0	0	0	38	32.0	1889	49	97	210	1.980	0.462	0.233	12.1	24.01
2416	40.9744	116.9802	-181.1	360	QF	0	0	0	0	40	32.1	1865	44	128	183	2.909	0.699	0.240	12.1	24.02
2417	40.9744	116.9798	-166.4	366	QF	0	0	0	0	57	32.2	1853	43	84	202	1.953	0.416	0.213	12.1	24.00
2418	40.9744	116.9794	-150.9	373	QF	0	0	0	0	53	32.4	1853	51	100	194	1.961	0.515	0.263	12.0	23.99
2419	40.9744	116.9789	-136.7	380	QF	0	0	0	0	65	32.5	1891	48	97	207	2.021	0.469	0.232	12.0	23.99
2420	40.9744	116.9785	-124.0	383	QF	0	0	0	0	35	32.6	1894	50	112	178	2.240	0.629	0.281	12.0	23.98
2421	40.9744	116.9781	-114.3	388	QF	0	0	0	0	41	32.7	1860	48	91	184	1.896	0.495	0.261	12.0	23.97
2422	40.9744	116.9777	-107.1	391	QF	0	0	0	0	41	32.7	1964	57	97	212	1.702	0.458	0.269	11.9	23.94
2423	40.9744	116.9773	-102.2	393	QF	0	0	0	0	40	32.8	1860	52	45	249	0.865	0.181	0.209	11.9	23.93
2424	40.9744	116.9769	-100.1	394	QF	0	0	0	0	41	32.8	1942	47	149	204	3.170	0.730	0.230	11.8	23.91
2425	40.9744	116.9765	-101.1	398	QF	0	0	0	0	33	32.9	1975	53	120	217	2.264	0.553	0.244	11.8	23.91
2426	40.9744	116.9761	-101.9	399	QF	0	0	0	0	49	32.9	2047	62	125	175	2.016	0.714	0.354	11.7	23.89
2427	40.9744	116.9757	-100.0	400	QF	0	0	0	0	44	32.9	2017	54	103	209	1.907	0.493	0.258	11.7	23.88
2428	40.9744	116.9752	-99.1	404	QF	0	0	0	0	36	33.0	1989	64	83	196	1.297	0.423	0.327	11.7	23.87
2429	40.9744	116.9748	-100.4	406	QF	0	0	0	0	52	33.0	1994	60	145	189	2.417	0.767	0.317	11.8	23.89
2430	40.9744	116.9744	-99.9	410	QF	0	0	0	0	44	33.1	2104	65	119	159	1.831	0.748	0.409	11.7	23.87
2431	40.9744	116.9740	-98.6	408	QF	0	0	0	0	47	33.1	2017	47	139	185	2.957	0.751	0.254	11.8	23.86
2432	40.9744	116.9736	-96.2	407	QF	0	0	0	0	53	33.0	2074	49	147	197	3.000	0.746	0.249	11.8	23.89
2433	40.9744	116.9732	-94.7	408	QF	0	0	0	0	41	31.0	2065	58	91	246	1.569	0.370	0.236	11.8	23.89
2434	40.9744	116.9728	-90.8	408	QF	0	0	0	0	48	31.0	1984	55	164	141	2.982	1.163	0.390	11.8	23.88
2435	40.9744	116.9724	-87.6	415	QF	0	0	0	0	47	31.1	2000	49	145	196	2.959	0.740	0.250	11.8	23.87
2436	40.9744	116.9720	-84.2	420	QF	0	0	0	0	35	31.2	1924	47	128	185	2.723	0.692	0.254	11.8	23.87
2437	40.9744	116.9715	-80.2	430	QF	0	0	0	0	52	31.4	1943	58	75	200	1.293	0.375	0.290	11.8	23.85
2438	40.9744	116.9711	-79.0	429	QF	0	0	0	0	53	31.3	1985	52	137	186	2.635	0.737	0.280	11.8	23.85
2439	40.9744	116.9707	-79.6	433	QF	0	0	0	0	54	31.4	2015	64	75	201	1.172	0.373	0.318	11.8	23.83

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2440	40.9745	116.9703	-80.7	435	QF	0	0	0	0	51	31.5	2088	47	143	193	3.043	0.741	0.244	11.8	23.83
2441	40.9745	116.9699	-85.5	435	QF	0	0	0	0	50	31.5	2003	54	107	175	1.981	0.611	0.309	11.8	23.83
2442	40.9745	116.9695	-90.3	438	QF	0	0	0	0	52	31.5	2047	59	90	199	1.525	0.452	0.296	11.8	23.83
2443	40.9745	116.9691	-97.1	441	QF	0	0	0	0	52	31.6	2131	85	127	164	1.494	0.774	0.518	11.7	23.83
2444	40.9745	116.9687	-102.2	439	QF	0	0	0	0	60	31.5	2288	56	147	241	2.625	0.610	0.232	11.8	23.83
2445	40.9745	116.9683	-105.7	422	QF	0	0	0	0	48	31.2	2215	55	112	243	2.036	0.461	0.226	11.7	23.83
2446	40.9745	116.9678	-91.8	391	QF	0	0	0	0	51	30.7	2204	51	174	187	3.412	0.930	0.273	11.8	23.85
2447	40.9745	116.9674	-79.9	368	QF	0	0	0	0	42	30.2	2257	72	85	254	1.181	0.335	0.283	11.8	23.83
2448	40.9745	116.9670	-68.6	353	QF	0	0	0	0	52	30.0	2188	72	88	254	1.222	0.346	0.283	11.8	23.83
2449	40.9745	116.9666	-62.7	351	QF	0	0	0	0	48	29.9	2271	55	219	223	3.982	0.982	0.247	11.7	23.81
2450	40.9745	116.9662	-61.9	360	QF	0	0	0	0	35	30.1	2237	74	95	244	1.284	0.389	0.303	11.6	23.79
2451	40.9745	116.9658	-63.2	394	QF	0	0	0	0	56	30.7	2146	56	127	211	2.268	0.602	0.265	11.6	23.76
2452	40.9745	116.9654	-65.3	452	QF	0	0	0	0	60	27.4	2283	79	121	213	1.532	0.568	0.371	11.6	23.72
2453	40.9745	116.9650	-67.9	485	QF	0	0	0	0	51	27.9	2305	74	92	276	1.243	0.333	0.268	11.5	23.69
2454	40.9745	116.9646	-70.5	490	QF	0	0	0	0	44	28.0	2287	64	142	233	2.219	0.609	0.275	11.5	23.68
2455	40.9745	116.9642	-67.1	487	QF	0	0	0	0	57	28.0	2270	68	131	200	1.926	0.655	0.340	11.4	23.69
2456	40.9745	116.9637	-72.4	483	QF	0	0	0	0	45	27.9	2280	76	177	160	2.329	1.106	0.475	11.4	23.69
2457	40.9745	116.9633	-74.4	476	QF	0	0	0	0	50	27.8	2313	85	111	210	1.306	0.529	0.405	11.4	23.69
2458	40.9745	116.9629	-77.9	456	QF	0	0	0	0	41	27.5	2353	68	193	211	2.838	0.915	0.322	11.4	23.69
2459	40.9745	116.9625	-81.6	440	QF	0	0	0	0	53	27.3	2371	86	147	213	1.709	0.690	0.404	11.4	23.71
2460	40.9745	116.9621	-84.0	427	QF	0	0	0	0	37	27.1	2312	78	135	238	1.731	0.567	0.328	11.4	23.69
2461	40.9745	116.9617	-83.5	444	QF	0	0	0	0	43	27.3	2443	58	214	208	3.690	1.029	0.279	11.5	23.70
2462	40.9745	116.9613	-82.7	460	QF	0	0	0	0	46	27.6	2555	88	102	305	1.159	0.334	0.289	11.5	23.71
2463	40.9745	116.9609	-84.5	464	QF	0	0	0	0	54	27.6	2671	100	150	256	1.500	0.586	0.391	11.5	23.69
2464	40.9745	116.9605	-85.1	458	QF	0	0	0	0	35	27.5	2666	117	141	263	1.205	0.536	0.445	11.5	23.66
2465	40.9745	116.9600	-86.8	446	QF	0	0	0	0	40	27.3	2715	95	171	290	1.800	0.590	0.328	11.5	23.63
2466	40.9745	116.9596	-90.4	419	QF	0	0	0	0	63	26.9	2556	85	93	280	1.094	0.332	0.304	11.5	23.62
2467	40.9745	116.9592	-94.2	395	QF	0	0	0	0	47	26.6	2578	87	171	267	1.966	0.640	0.326	11.4	23.59
2468	40.9745	116.9588	-96.7	370	QF	0	0	0	0	49	26.2	2463	92	117	288	1.272	0.406	0.319	11.3	23.56
2469	40.9745	116.9584	-98.2	357	QF	0	0	0	0	49	26.0	2389	68	163	243	2.397	0.671	0.280	11.3	23.56
2470	40.9745	116.9580	-97.0	362	QF	0	0	0	0	66	26.0	2408	71	172	226	2.423	0.761	0.314	11.4	23.55
2471	40.9745	116.9576	-96.6	387	QF	0	0	0	0	49	26.2	2422	85	136	240	1.600	0.567	0.354	11.4	23.54
2472	40.9745	116.9572	-94.8	408	QF	0	0	0	0	58	26.5	2356	79	120	240	1.519	0.500	0.329	11.4	23.53
2473	40.9745	116.9568	-94.1	443	QF	0	0	0	0	59	27.0	2446	67	211	181	3.149	1.166	0.370	11.3	23.54
2474	40.9745	116.9563	-92.6	475	QF	0	0	0	0	52	27.5	2406	95	111	197	1.168	0.563	0.482	11.4	23.57
2475	40.9745	116.9559	-91.4	490	QF	0	0	0	0	48	27.7	2425	71	209	179	2.944	1.168	0.397	11.4	23.59
2476	40.9745	116.9555	-90.7	494	QF	0	0	0	0	51	27.8	2471	72	124	270	1.722	0.459	0.267	11.4	23.58
2477	40.9745	116.9551	-90.2	497	QF	0	0	0	0	60	27.8	2454	71	122	258	1.718	0.473	0.275	11.5	23.59
2478	40.9745	116.9547	-89.8	501	QF	0	0	0	0	60	27.9	2469	94	97	239	1.032	0.406	0.393	11.4	23.59
2479	40.9745	116.9543	-89.2	498	QF	0	0	0	0	55	27.8	2554	82	133	239	1.622	0.556	0.343	11.3	23.59
2480	40.9745	116.9539	-90.5	497	QF	0	0	0	0	53	27.8	2462	85	120	267	1.412	0.449	0.318	11.4	23.59
2481	40.9745	116.9535	-91.4	493	QF	0	0	0	0	54	27.8	2488	74	168	250	2.270	0.672	0.296	11.3	23.60
2482	40.9745	116.9531	-93.3	489	QF	0	0	0	0	53	27.7	2546	99	177	166	1.788	1.066	0.596	11.3	23.60
2483	40.9745	116.9526	-93.9	482	QF	0	0	0	0	50	27.6	2489	91	90	281	0.989	0.320	0.324	11.3	23.61
2484	40.9745	116.9522	-96.2	457	QF	0	0	0	0	55	27.2	2584	101	137	232	1.356	0.591	0.435	11.2	23.62
2485	40.9745	116.9518	-98.2	433	QF	0	0	0	0	52	26.9	2583	80	177	309	2.213	0.573	0.259	11.2	23.61
2486	40.9745	116.9514	-102.0	408	QF	0	0	0	0	42	26.5	2546	96	90	290	0.938	0.310	0.331	11.2	23.63
2487	40.9746	116.9510	-107.6	386	QF	0	0	0	0	55	26.2	2652	118	107	295	0.907	0.363	0.400	11.2	23.63
2488	40.9746	116.9506	-114.6	363	QF	0	0	0	0	52	25.8	2542	80	145	308	1.813	0.471	0.260	11.2	23.61
2489	40.9746	116.9502	-122.6	346	QF	0	0	0	0	52	25.5	2613	82	155	333	1.890	0.465	0.246	11.3	23.65
2490	40.9746	116.9498	-126.7	341	QF	0	0	0	0	42	21.5	2599	93	185	249	1.989	0.743	0.373	11.3	23.61
2491	40.9746	116.9494	-127.6	358	QF	0	0	0	0	49	21.7	2564	83	239	234	2.880	1.021	0.355	11.3	23.61
2492	40.9746	116.9490	-129.8	376	QF	0	0	0	0	53	22.0	2580	84	140	284	1.667	0.493	0.296	11.4	23.61
2493	40.9746	116.9485	-130.3	389	QF	0	0	0	0	49	22.2	2619	87	129	330	1.483	0.391	0.264	11.4	23.59

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2494	40.9746	116.9481	-133.4	393	QF	0	0	0	0	57	22.2	2556	75	188	297	2.507	0.633	0.253	11.4	23.56
2495	40.9746	116.9477	-137.8	382	QF	0	0	0	0	45	22.1	2422	72	151	298	2.097	0.507	0.242	11.4	23.57
2496	40.9746	116.9473	-141.8	367	QF	0	0	0	0	44	21.9	2291	75	67	307	0.893	0.218	0.244	11.4	23.54
2497	40.9746	116.9469	-147.9	365	QF	0	0	0	0	53	21.8	2247	73	133	219	1.822	0.607	0.333	11.4	23.55
2498	40.9746	116.9465	-148.6	354	QF	0	0	0	0	46	21.7	2187	85	96	186	1.129	0.516	0.457	11.3	23.54
2499	40.9746	116.9461	-143.9	354	QF	0	0	0	0	39	21.7	2127	75	88	229	1.173	0.384	0.328	11.4	23.53
2500	40.9746	116.9457	-141.5	358	QF	0	0	0	0	41	21.7	2037	59	91	240	1.542	0.379	0.246	11.4	23.54
2501	40.9746	116.9453	-137.2	368	QF	0	0	0	0	50	21.9	2073	85	67	208	0.788	0.322	0.409	11.4	23.53
2502	40.9746	116.9448	-136.5	379	QF	0	0	0	0	50	22.0	2058	52	140	175	2.692	0.800	0.297	11.4	23.53
2503	40.9746	116.9444	-138.5	391	QF	0	0	0	0	55	22.2	2054	61	125	220	2.049	0.568	0.277	11.3	23.54
2504	40.9746	116.9440	-139.0	397	QF	0	0	0	0	60	22.3	2095	66	128	202	1.939	0.634	0.327	11.4	23.53
2505	40.9746	116.9436	-138.8	405	QF	0	0	0	0	44	22.4	2172	82	54	227	0.659	0.238	0.361	11.3	23.53
2506	40.9746	116.9432	-140.1	406	QF	0	0	0	0	48	22.4	2234	50	168	200	3.360	0.840	0.250	11.4	23.54
2507	40.9746	116.9428	-146.0	403	QF	0	0	0	0	47	22.4	2206	76	87	226	1.145	0.385	0.336	11.3	23.55
2508	40.9746	116.9424	-155.6	397	QF	0	0	0	0	44	22.3	2116	60	174	172	2.900	1.012	0.349	11.4	23.56
2509	40.9746	116.9420	-165.0	393	QF	0	0	0	0	47	22.3	2197	80	126	189	1.575	0.667	0.423	11.5	23.57
2510	40.9746	116.9416	-174.6	387	QF	0	0	0	0	62	22.2	2170	58	167	185	2.879	0.903	0.314	11.5	23.59
2511	40.9746	116.9411	-181.1	368	QF	0	0	0	0	53	21.9	2167	56	141	230	2.518	0.613	0.243	11.5	23.55
2512	40.9746	116.9407	-184.4	351	QF	0	0	0	0	58	21.7	2162	74	151	208	2.041	0.726	0.356	11.5	23.56
2513	40.9746	116.9403	-183.2	347	QF	0	0	0	0	55	21.6	2135	74	131	185	1.770	0.708	0.400	11.4	23.53
2514	40.9746	116.9399	-173.9	361	QF	0	0	0	0	61	21.8	2237	87	134	194	1.540	0.691	0.448	11.4	23.53
2515	40.9746	116.9395	-174.5	367	QF	0	0	0	0	57	21.9	2250	58	161	220	2.776	0.732	0.264	11.3	23.51
2516	40.9746	116.9391	-177.9	361	QF	0	0	0	0	47	21.8	2142	75	177	206	2.360	0.859	0.364	11.3	23.49
2517	40.9746	116.9387	-181.9	364	QF	0	0	0	0	53	21.9	2120	52	168	194	3.231	0.866	0.268	11.4	23.49
2518	40.9746	116.9383	-183.9	382	QF	0	0	0	0	54	22.1	2186	64	119	207	1.859	0.575	0.309	11.3	23.47
2519	40.9746	116.9379	-188.9	394	QF	0	0	0	0	46	22.3	2151	83	162	161	1.952	1.006	0.516	11.4	23.49
2520	40.9746	116.9374	-188.4	405	QF	0	0	0	0	46	22.4	2144	67	166	175	2.478	0.949	0.383	11.4	23.49
2521	40.9746	116.9370	-186.6	422	QF	0	0	0	0	56	22.6	2206	75	99	239	1.320	0.414	0.314	11.4	23.48
2522	40.9746	116.9366	-187.4	431	QF	0	0	0	0	50	22.8	2169	75	125	202	1.667	0.619	0.371	11.4	23.47
2523	40.9746	116.9362	-190.6	417	QF	0	0	0	0	64	22.6	2111	66	148	170	2.242	0.871	0.388	11.4	23.46
2524	40.9746	116.9358	-195.5	404	QF	0	0	0	0	57	22.4	2094	50	132	200	2.640	0.660	0.250	11.3	23.44
2525	40.9746	116.9354	-199.8	405	QF	0	0	0	0	54	22.4	2101	52	158	186	3.038	0.849	0.280	11.3	23.46
2526	40.9746	116.9350	-202.6	416	QF	0	0	0	0	53	22.6	2043	59	158	172	2.678	0.919	0.343	11.3	23.45
2527	40.9746	116.9346	-204.3	434	QF	0	0	0	0	51	22.8	2104	55	123	231	2.236	0.532	0.238	11.4	23.49
2528	40.9746	116.9342	-207.5	441	QF	0	0	0	0	55	15.8	2017	58	100	195	1.724	0.513	0.297	11.4	23.46
2529	40.9746	116.9338	-210.9	436	QF	0	0	0	0	60	15.7	2098	58	144	178	2.483	0.809	0.326	11.4	23.47
2530	40.9746	116.9333	-213.8	438	TRF2	0	0	0	0	57	15.7	2135	35	178	234	5.086	0.761	0.150	11.3	23.46
2531	40.9746	116.9329	-219.8	444	TRF2	0	0	0	0	46	15.8	2134	80	90	222	1.125	0.405	0.360	11.3	23.47
2532	40.9746	116.9325	-221.6	450	TRF2	0	0	0	0	43	15.8	2075	48	166	254	3.458	0.654	0.189	11.3	23.45
2533	40.9746	116.9321	-224.4	449	TRF2	0	0	0	0	43	15.8	2074	59	145	178	2.458	0.815	0.331	11.2	23.44
2534	40.9747	116.9317	-227.1	440	TRF2	0	0	0	0	48	15.8	2113	43	189	183	4.395	1.033	0.235	11.2	23.44
2535	40.9747	116.9313	-228.5	430	TRF2	0	0	0	0	42	15.7	2060	53	171	173	3.226	0.988	0.306	11.1	23.45
2536	40.9747	116.9309	-229.9	422	TRF2	0	0	0	0	49	15.6	1945	52	100	176	1.923	0.568	0.295	11.1	23.43
2537	40.9747	116.9305	-232.9	411	TRF2	0	0	0	0	64	15.5	2034	43	128	225	2.977	0.569	0.191	11.1	23.43
2538	40.9747	116.9301	-235.3	406	TRF2	0	0	0	0	68	15.5	1953	56	117	164	2.089	0.713	0.341	11.1	23.44
2539	40.9747	116.9296	-237.4	402	TRF2	0	0	0	0	43	15.4	2076	76	119	211	1.566	0.564	0.360	11.2	23.47
2540	40.9747	116.9292	-237.7	401	TRF2	0	0	0	0	49	15.4	2090	70	134	197	1.914	0.680	0.355	11.2	23.45
2541	40.9747	116.9288	-237.3	397	TRF2	0	0	0	0	36	15.4	2178	80	152	176	1.900	0.864	0.455	11.2	23.45
2542	40.9747	116.9284	-235.0	391	TRF2	0	0	0	0	57	15.3	2151	73	118	203	1.616	0.581	0.360	11.2	23.44
2543	40.9747	116.9280	-233.2	382	TRF2	0	0	0	0	48	15.2	2216	96	113	186	1.177	0.608	0.516	11.2	23.42
2544	40.9747	116.9276	-233.5	377	TRF2	0	0	0	0	51	15.2	2312	90	121	208	1.344	0.582	0.433	11.2	23.39
2545	40.9747	116.9272	-237.5	360	TRF2	0	0	0	0	41	15.0	2324	104	121	236	1.163	0.513	0.441	11.1	23.38
2546	40.9747	116.9268	-249.2	346	TRF2	0	0	0	0	65	14.9	2361	67	248	184	3.701	1.348	0.364	11.1	23.35
2547	40.9747	116.9264	-249.5	329	TRF2	0	0	0	0	77	17.4	2387	80	135	242	1.688	0.558	0.331	11.1	23.32

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2548	40.9747	116.9259	-259.1	318	TRF2	0	0	0	0	53	17.3	2346	102	133	238	1.304	0.559	0.429	11.1	23.33
2549	40.9747	116.9255	-264.3	313	TRF2	0	0	0	0	46	17.2	2369	79	202	204	2.557	0.990	0.387	11.0	23.27
2550	40.9747	116.9251	-265.6	315	TRF2	0	0	0	0	69	17.2	2372	75	226	188	3.013	1.202	0.399	11.0	23.25
2551	40.9747	116.9247	-263.9	323	TRF2	0	0	0	0	55	17.3	2250	58	239	184	4.121	1.299	0.315	10.9	23.23
2552	40.9747	116.9243	-262.3	342	TRF2	0	0	0	0	52	17.5	2246	67	203	199	3.030	1.020	0.337	10.9	23.19
2553	40.9747	116.9239	-258.7	369	TRF2	0	0	0	0	60	17.8	2356	78	143	238	1.833	0.601	0.328	10.9	23.17
2554	40.9747	116.9235	-258.8	396	TRF2	0	0	0	0	55	18.1	2268	84	195	172	2.321	1.134	0.488	10.8	23.18
2555	40.9747	116.9231	-260.0	418	TRF2	0	0	0	0	66	18.4	2328	56	274	174	4.893	1.575	0.322	10.9	23.17
2556	40.9747	116.9227	-259.7	433	TRF2	0	0	0	0	59	18.5	2256	69	231	153	3.348	1.510	0.451	10.9	23.16
2557	40.9747	116.9222	-259.7	439	TRF2	0	0	0	0	54	18.6	2205	77	141	185	1.831	0.762	0.416	10.9	23.13
2558	40.9747	116.9218	-261.7	443	TRF2	0	0	0	0	44	18.6	2254	98	173	172	1.765	1.006	0.570	10.8	23.14
2559	40.9747	116.9214	-263.1	444	TRF2	0	0	0	0	65	18.6	2209	78	240	106	3.077	2.264	0.736	10.8	23.11
2560	40.9747	116.9210	-266.0	437	TRF2	0	0	0	0	44	18.6	2267	91	132	208	1.451	0.635	0.438	10.7	23.13
2561	40.9747	116.9206	-269.2	427	TRF2	0	0	0	0	66	18.5	2263	86	159	177	1.849	0.898	0.486	10.7	23.11
2562	40.9747	116.9202	-271.8	419	TRF2	0	0	0	0	50	18.4	2142	71	185	170	2.606	1.088	0.418	10.7	23.09
2563	40.9747	116.9198	-274.7	415	TRF2	0	0	0	0	61	18.3	2220	88	196	150	2.227	1.307	0.587	10.7	23.08
2564	40.9747	116.9194	-275.0	420	TRF2	0	0	0	0	48	18.4	2224	87	115	166	1.322	0.693	0.524	10.6	23.08
2565	40.9747	116.9190	-272.0	429	TRF2	0	0	0	0	49	18.5	2177	75	314	47	4.187	6.681	1.596	10.7	23.09
2566	40.9747	116.9186	-270.0	441	TRF2	0	0	0	0	62	21.5	2181	92	52	205	0.565	0.254	0.449	10.6	23.09
2567	40.9747	116.9181	-266.4	460	TRF2	0	0	0	0	55	21.7	2323	68	180	196	2.647	0.918	0.347	10.7	23.09
2568	40.9747	116.9177	-265.6	477	TRF2	0	0	0	0	58	21.9	2308	72	208	170	2.889	1.224	0.424	10.6	23.10
2569	40.9747	116.9173	-263.1	489	TRF2	0	0	0	0	49	22.0	2384	95	162	177	1.705	0.915	0.537	10.6	23.11
2570	40.9747	116.9169	-259.7	490	TRF2	0	0	0	0	55	22.1	2465	93	113	205	1.215	0.551	0.454	10.6	23.12
2571	40.9747	116.9165	-257.0	492	TRF2	0	0	0	0	57	22.1	2403	66	253	142	3.833	1.782	0.465	10.5	23.10
2572	40.9747	116.9161	-255.9	489	TRF2	0	0	0	0	49	22.0	2346	70	196	191	2.800	1.026	0.366	10.5	23.09
2573	40.9747	116.9157	-256.0	487	TRF2	0	0	0	0	53	22.0	2358	73	165	217	2.260	0.760	0.336	10.4	23.08
2574	40.9747	116.9153	-256.6	484	TRF2	0	0	0	0	55	22.0	2466	85	222	205	2.612	1.083	0.415	10.3	23.09
2575	40.9747	116.9149	-258.1	465	TRF2	0	0	0	0	66	21.8	2527	102	163	168	1.598	0.970	0.607	10.3	23.07
2576	40.9747	116.9144	-259.0	435	TRF2	0	0	0	0	52	21.4	2487	106	179	172	1.689	1.041	0.616	10.3	23.07
2577	40.9747	116.9140	-258.5	413	TRF2	0	0	0	0	40	21.2	2682	101	253	217	2.505	1.166	0.465	10.4	23.11
2578	40.9747	116.9136	-258.3	417	TRF2	0	0	0	0	56	21.2	2652	103	234	235	2.272	0.996	0.438	10.3	23.11
2579	40.9747	116.9132	-258.0	431	TRF2	0	0	0	0	50	21.4	2831	82	324	227	3.951	1.427	0.361	10.3	23.09
2580	40.9747	116.9128	-260.0	414	TRF2	0	0	0	0	68	21.2	2939	95	330	189	3.474	1.746	0.503	10.3	23.09
2581	40.9748	116.9124	-263.6	383	TRF2	0	0	0	0	51	20.8	2843	111	243	271	2.189	0.897	0.410	10.4	23.10
2582	40.9748	116.9120	-273.9	353	TRF2	0	0	0	0	50	20.4	2833	119	221	251	1.857	0.880	0.474	10.4	23.09
2583	40.9748	116.9116	-275.2	334	TRF2	0	0	0	0	56	20.1	2852	105	239	288	2.276	0.830	0.365	10.3	23.05
2584	40.9748	116.9112	-275.5	329	TRF2	0	0	0	0	57	20.1	2631	105	170	256	1.619	0.664	0.410	10.3	23.05
2585	40.9748	116.9107	-277.1	338	TRF2	0	0	0	0	63	16.3	2593	120	204	193	1.700	1.057	0.622	10.2	23.03
2586	40.9748	116.9103	-276.0	353	TRF2	0	0	0	0	65	16.5	2616	94	186	245	1.979	0.759	0.384	10.2	23.00
2587	40.9748	116.9099	-275.4	377	TRF2	0	0	0	0	43	16.7	2706	87	326	183	3.881	1.781	0.459	10.2	22.97
2588	40.9748	116.9095	-273.3	407	TRF2	0	0	0	0	50	17.0	2645	107	217	239	2.028	0.908	0.448	10.2	22.98
2589	40.9748	116.9091	-271.6	434	TRF2	0	0	0	0	55	17.3	2634	105	279	171	2.657	1.632	0.614	10.2	22.99
2590	40.9748	116.9087	-271.0	462	TRF2	0	0	0	0	55	17.5	2671	86	146	295	1.698	0.495	0.292	10.2	23.01
2591	40.9748	116.9083	-267.6	489	TRF2	0	0	0	0	42	17.8	2558	75	219	259	2.920	0.846	0.290	10.1	23.01
2592	40.9748	116.9079	-265.4	495	TRF2	0	0	0	0	53	17.8	2497	92	184	193	2.000	0.953	0.477	10.2	23.02
2593	40.9748	116.9075	-262.9	499	TRF2	0	0	0	0	71	17.9	2484	75	192	196	2.560	0.980	0.383	10.1	23.03
2594	40.9748	116.9070	-258.2	508	TRF2	0	0	0	0	61	18.0	2477	71	227	168	3.197	1.351	0.423	10.2	23.06
2595	40.9748	116.9066	-253.2	495	TRF2	0	0	0	0	49	17.8	2594	86	152	274	1.767	0.555	0.314	10.2	23.06
2596	40.9748	116.9062	-247.9	482	TRF2	0	0	0	0	67	17.7	2605	75	256	202	3.413	1.267	0.371	10.1	23.05
2597	40.9748	116.9058	-242.7	452	TRF2	0	0	0	0	55	17.4	2525	75	175	233	2.333	0.751	0.322	10.1	23.07
2598	40.9748	116.9054	-240.3	419	TRF2	0	0	0	0	53	17.1	2548	128	129	218	1.008	0.592	0.587	10.0	23.06
2599	40.9748	116.9050	-240.6	392	TRF2	0	0	0	0	63	16.9	2564	96	162	224	1.688	0.723	0.429	10.1	23.08
2600	40.9748	116.9046	-245.6	381	TRF2	0	0	0	0	61	16.7	2514	95	219	196	2.305	1.117	0.485	10.0	23.05
2601	40.9748	116.9042	-251.0	396	TRF2	0	0	0	0	67	16.9	2545	95	219	191	2.305	1.147	0.497	10.0	23.03

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2602	40.9748	116.9038	-253.4	426	TRF2	0	0	0	0	61	17.2	2554	105	139	219	1.324	0.635	0.479	10.0	23.03
2603	40.9748	116.9034	-251.9	458	TRF2	0	0	0	0	50	17.5	2594	85	197	235	2.318	0.838	0.362	10.0	23.02
2604	40.9748	116.9029	-247.3	486	TRF2	0	0	0	0	59	9.1	2810	112	165	261	1.473	0.632	0.429	10.0	23.04
2605	40.9748	116.9025	-241.8	492	TRF2	0	0	0	0	64	9.1	2941	99	308	225	3.111	1.369	0.440	10.0	23.05
2606	40.9748	116.9021	-239.4	493	TRF2	0	0	0	0	73	9.1	3023	111	253	241	2.279	1.050	0.461	10.1	23.04
2607	40.9748	116.9017	-242.7	474	TRF2	0	0	0	0	47	9.0	3086	106	328	286	3.094	1.147	0.371	10.0	23.04
2608	40.9748	116.9013	-251.1	436	TRF2	0	0	0	0	57	8.8	3016	116	282	258	2.431	1.093	0.450	10.0	23.03
2609	40.9748	116.9009	-261.7	407	TRF2	0	0	0	0	54	8.7	3031	109	236	309	2.165	0.764	0.353	10.0	23.01
2610	40.9748	116.9005	-265.7	387	TRF2	0	0	0	0	59	8.6	2942	146	156	310	1.068	0.503	0.471	10.0	23.02
2611	40.9748	116.9001	-266.5	355	TRF2	0	0	0	0	52	8.4	2856	118	208	299	1.763	0.696	0.395	10.0	23.01
2612	40.9748	116.8997	-271.2	317	TRF2	0	0	0	0	44	8.2	2892	160	210	241	1.313	0.871	0.664	10.1	22.99
2613	40.9748	116.8992	-281.8	283	TRF2	0	0	0	0	68	8.0	2801	103	355	221	3.447	1.606	0.466	10.0	22.97
2614	40.9748	116.8988	-293.3	262	TRF2	0	0	0	0	77	7.9	2748	93	195	321	2.097	0.607	0.290	10.0	22.96
2615	40.9748	116.8984	-311.0	252	TRF2	0	0	0	0	63	7.8	2789	94	270	284	2.872	0.951	0.331	10.0	22.95
2616	40.9748	116.8980	-338.8	256	TRF2	0	0	0	0	60	7.8	2762	115	235	288	2.043	0.816	0.399	10.0	22.94
2617	40.9748	116.8976	-349.6	260	TRF2	0	0	0	0	58	7.9	2727	107	219	260	2.047	0.842	0.412	10.0	22.90
2618	40.9748	116.8972	-366.9	270	TRF2	0	0	0	0	58	7.9	2775	91	274	243	3.011	1.128	0.374	10.0	22.87
2619	40.9748	116.8968	-381.9	277	TRF2	0	0	0	0	59	8.0	2661	124	183	267	1.476	0.685	0.464	9.9	22.85
2620	40.9748	116.8964	-389.9	286	TRF2	0	0	0	0	56	8.0	2663	109	222	248	2.037	0.895	0.440	9.9	22.81
2621	40.9748	116.8960	-389.2	289	TRF2	0	0	0	0	67	8.0	2716	108	274	232	2.537	1.181	0.466	9.8	22.77
2622	40.9748	116.8955	-387.0	293	TRF2	0	0	0	0	61	8.1	2679	92	310	205	3.370	1.512	0.449	9.8	22.77
2623	40.9748	116.8951	-384.8	300	TRF2	0	0	0	0	63	6.4	2668	91	280	267	3.077	1.049	0.341	9.8	22.74
2624	40.9748	116.8947	-381.7	300	TRF2	0	0	0	0	49	6.4	2598	75	361	176	4.813	2.051	0.426	9.7	22.73
2625	40.9748	116.8943	-377.2	302	TRF2	0	0	0	0	44	6.4	2587	110	165	255	1.500	0.647	0.431	9.7	22.72
2626	40.9748	116.8939	-377.9	297	TRF2	0	0	0	0	86	6.4	2658	93	258	267	2.774	0.966	0.348	9.7	22.72
2627	40.9748	116.8935	-378.2	297	TRF2	0	0	0	0	60	6.4	2471	113	227	179	2.009	1.268	0.631	9.7	22.70
2628	40.9749	116.8931	-374.8	298	TRF2	0	0	0	0	62	6.4	2548	91	300	203	3.297	1.478	0.448	9.7	22.71
2629	40.9749	116.8927	-370.8	303	TRF2	0	0	0	0	73	6.5	2576	83	244	251	2.940	0.972	0.331	9.8	22.71
2630	40.9749	116.8923	-362.9	305	TRF2	0	0	0	0	62	6.5	2429	95	202	190	2.126	1.063	0.500	9.8	22.69
2631	40.9749	116.8918	-352.7	317	TRF2	0	0	0	0	64	6.5	2590	85	214	228	2.518	0.939	0.373	9.7	22.69
2632	40.9749	116.8914	-341.8	336	TRF2	0	0	0	0	68	6.6	2679	106	240	227	2.264	1.057	0.467	9.7	22.70
2633	40.9749	116.8910	-318.7	360	TRF2	0	0	0	0	54	6.7	2670	114	157	275	1.377	0.571	0.415	9.7	22.71
2634	40.9749	116.8906	-310.6	390	TRF2	0	0	0	0	82	6.8	2676	80	176	288	2.200	0.611	0.278	9.6	22.70
2635	40.9749	116.8902	-303.9	424	TRF2	0	0	0	0	82	7.0	2830	123	183	270	1.488	0.678	0.456	9.6	22.69
2636	40.9749	116.8898	-299.7	453	TRF2	0	0	0	0	47	7.1	2943	118	236	286	2.000	0.825	0.413	9.6	22.68
2637	40.9749	116.8894	-296.8	482	TRF2	0	0	0	0	62	7.2	2942	118	193	298	1.636	0.648	0.396	9.5	22.69
2638	40.9749	116.8890	-295.1	490	TRF2	0	0	0	0	73	7.2	2932	110	255	281	2.318	0.907	0.391	9.5	22.69
2639	40.9749	116.8886	-294.4	495	TRF2	0	0	0	0	64	7.2	2853	134	168	269	1.254	0.625	0.498	9.5	22.71
2640	40.9749	116.8882	-295.2	499	TRF2	0	0	0	0	63	7.2	2898	105	244	304	2.333	0.806	0.345	9.5	22.73
2641	40.9749	116.8877	-293.7	508	TRF2	0	0	0	0	61	7.3	2858	121	225	241	1.843	0.925	0.502	9.5	22.74
2642	40.9749	116.8873	-293.3	536	TRF2	0	0	0	0	58	13.7	2979	124	245	261	1.976	0.939	0.475	9.6	22.76
2643	40.9749	116.8869	-294.2	564	TRF2	0	0	0	0	67	13.9	3157	125	248	295	1.984	0.841	0.424	9.5	22.78
2644	40.9749	116.8865	-290.3	590	TRF2	0	0	0	0	59	14.1	3169	103	298	286	2.893	1.042	0.360	9.5	22.79
2645	40.9749	116.8861	-288.2	618	TRF2	0	0	0	0	66	14.2	3172	123	268	242	2.179	1.107	0.508	9.6	22.82
2646	40.9749	116.8857	-284.9	623	TRF2	0	0	0	0	59	14.3	3307	108	326	259	3.019	1.259	0.417	9.5	22.87
2647	40.9749	116.8853	-280.7	607	TRF2	0	0	0	0	60	14.2	3155	118	314	265	2.661	1.185	0.445	9.5	22.87
2648	40.9749	116.8849	-276.3	597	TRF2	0	0	0	0	59	14.1	3250	117	279	250	2.385	1.116	0.468	9.5	22.89
2649	40.9749	116.8845	-270.6	578	TRF2	0	0	0	0	66	14.0	3059	123	230	275	1.870	0.836	0.447	9.5	22.89
2650	40.9749	116.8840	-263.2	575	TRF2	0	0	0	0	54	14.0	3078	121	262	236	2.165	1.110	0.513	9.6	22.93
2651	40.9749	116.8836	-260.8	548	TRF2	0	0	0	0	40	13.8	3188	97	360	229	3.711	1.572	0.424	9.5	22.96
2652	40.9749	116.8832	-260.0	538	TRF2	0	0	0	0	62	13.7	3129	150	184	239	1.227	0.770	0.628	9.6	22.99
2653	40.9749	116.8828	-262.4	523	TRF2	0	0	0	0	63	13.6	3001	130	210	294	1.615	0.714	0.442	9.6	23.01
2654	40.9749	116.8824	-266.7	504	TRF2	0	0	0	0	49	13.5	2766	88	253	227	2.875	1.115	0.388	9.6	23.03
2655	40.9749	116.8820	-270.8	498	TRF2	0	0	0	0	65	13.5	2968	106	271	256	2.557	1.059	0.414	9.6	23.05

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2656	40.9749	116.8816	-276.2	496	TRF2	0	0	0	0	61	13.5	2874	133	182	266	1.368	0.684	0.500	9.7	23.06
2657	40.9749	116.8812	-282.0	494	TRF2	0	0	0	0	48	13.4	2854	102	270	189	2.647	1.429	0.540	9.7	23.10
2658	40.9749	116.8808	-287.6	492	TRF2	0	0	0	0	60	13.4	2946	162	149	213	0.920	0.700	0.761	9.7	23.12
2659	40.9749	116.8803	-293.0	491	TRF2	0	0	0	0	55	13.4	2850	127	263	216	2.071	1.218	0.588	9.8	23.12
2660	40.9749	116.8799	-297.3	490	TRF2	0	0	0	0	56	13.4	2960	100	283	229	2.830	1.236	0.437	9.8	23.15
2661	40.9749	116.8795	-303.2	489	TRF2	0	0	0	0	51	21.4	2992	116	189	269	1.629	0.703	0.431	9.8	23.16
2662	40.9749	116.8791	-306.0	487	TRF2	0	0	0	0	60	21.4	2937	115	159	331	1.383	0.480	0.347	9.9	23.17
2663	40.9749	116.8787	-311.4	486	TRF2	0	0	0	0	48	21.4	2910	122	161	305	1.320	0.528	0.400	9.9	23.19
2664	40.9749	116.8783	-315.2	482	TRF2	0	0	0	0	51	21.3	2989	138	244	188	1.768	1.298	0.734	9.9	23.19
2665	40.9749	116.8779	-318.7	469	TRF2	0	0	0	0	52	21.2	2955	122	211	258	1.730	0.818	0.473	10.0	23.21
2666	40.9749	116.8775	-322.4	455	TRF2	0	0	0	0	48	21.0	2874	104	227	259	2.183	0.876	0.402	10.1	23.23
2667	40.9749	116.8771	-326.6	440	TRF2	0	0	0	0	64	20.9	2922	110	292	181	2.655	1.613	0.608	10.2	23.28
2668	40.9749	116.8766	-328.8	425	TRF2	0	0	0	0	41	20.7	2936	93	331	203	3.559	1.631	0.458	10.1	23.29
2669	40.9749	116.8762	-328.3	416	TRF2	0	0	0	0	44	20.6	2905	115	232	286	2.017	0.811	0.402	10.1	23.28
2670	40.9749	116.8758	-332.2	404	QOA2	0	0	0	0	59	20.4	2851	111	280	209	2.523	1.340	0.531	10.2	23.31
2671	40.9749	116.8754	-332.1	394	QOA2	0	0	0	0	57	20.3	2836	114	231	245	2.026	0.943	0.465	10.2	23.30
2672	40.9749	116.8750	-334.2	388	QOA2	0	0	0	0	57	20.2	2837	134	140	256	1.045	0.547	0.523	10.1	23.29
2673	40.9749	116.8746	-336.4	385	QOA2	0	0	0	0	49	20.2	2880	129	220	240	1.705	0.917	0.538	10.3	23.30
2674	40.9749	116.8742	-337.7	384	QOA2	0	0	0	0	55	20.2	2921	118	254	269	2.153	0.944	0.439	10.3	23.31
2675	40.9750	116.8738	-339.3	385	QOA2	0	0	0	0	35	20.2	2841	115	194	285	1.687	0.681	0.404	10.3	23.33
2676	40.9750	116.8734	-338.9	388	QOA2	0	0	0	0	50	20.2	2809	134	139	280	1.037	0.496	0.479	10.3	23.34
2677	40.9750	116.8730	-337.4	391	QOA2	0	0	0	0	62	20.3	2879	136	208	203	1.529	1.025	0.670	10.4	23.34
2678	40.9750	116.8725	-338.5	398	QOA2	0	0	0	0	45	20.4	2680	92	295	218	3.207	1.353	0.422	10.5	23.35
2679	40.9750	116.8721	-336.2	407	QOA2	0	0	0	0	52	20.5	2783	100	245	208	2.450	1.178	0.481	10.5	23.36
2680	40.9750	116.8717	-333.2	417	QOA2	0	0	0	0	52	18.8	2843	133	221	202	1.662	1.094	0.658	10.5	23.38
2681	40.9750	116.8713	-330.1	419	QOA2	0	0	0	0	60	18.8	2755	132	195	197	1.477	0.990	0.670	10.5	23.37
2682	40.9750	116.8709	-325.6	423	QOA2	0	0	0	0	71	18.9	2856	134	152	237	1.134	0.641	0.565	10.6	23.35
2683	40.9750	116.8705	-319.4	424	QOA2	0	0	0	0	50	18.9	2789	127	198	205	1.559	0.966	0.620	10.5	23.35
2684	40.9750	116.8701	-306.5	431	QOA2	0	0	0	0	50	19.0	2872	103	271	247	2.631	1.097	0.417	10.6	23.38
2685	40.9750	116.8697	-301.1	433	QOA2	0	0	0	0	78	19.0	2742	105	210	219	2.000	0.959	0.479	10.6	23.36
2686	40.9750	116.8693	-296.6	438	QOA2	0	0	0	0	49	19.0	2849	126	240	207	1.905	1.159	0.609	10.7	23.38
2687	40.9750	116.8688	-291.9	440	QOA2	0	0	0	0	50	19.1	2759	115	223	220	1.939	1.014	0.523	10.7	23.40
2688	40.9750	116.8684	-288.6	432	QOA2	0	0	0	0	47	19.0	2637	116	176	224	1.517	0.786	0.518	10.8	23.39
2689	40.9750	116.8680	-287.0	426	QOA2	0	0	0	0	55	18.9	2622	97	169	221	1.742	0.765	0.439	10.7	23.40
2690	40.9750	116.8676	-285.8	424	QOA2	0	0	0	0	56	18.9	2711	108	216	244	2.000	0.885	0.443	10.8	23.42
2691	40.9750	116.8672	-284.9	423	TRF2	0	0	0	0	63	18.9	2600	97	161	252	1.660	0.639	0.385	10.8	23.42
2692	40.9750	116.8668	-285.0	422	TRF2	0	0	0	0	76	18.9	2599	78	152	274	1.949	0.555	0.285	10.8	23.41
2693	40.9750	116.8664	-267.1	420	TRF2	0	0	0	0	64	18.8	2467	78	247	189	3.167	1.307	0.413	10.8	23.42
2694	40.9750	116.8660	-257.0	418	TRF2	0	0	0	0	48	18.8	2485	94	196	216	2.085	0.907	0.435	10.8	23.42
2695	40.9750	116.8656	-250.1	415	TRF2	0	0	0	0	49	18.8	2514	95	185	221	1.947	0.837	0.430	10.8	23.42
2696	40.9750	116.8651	-247.0	413	TRF2	0	0	0	0	47	18.8	2452	110	165	174	1.500	0.948	0.632	10.8	23.44
2697	40.9750	116.8647	-247.6	415	TRF2	0	0	0	0	55	18.8	2462	100	190	183	1.900	1.038	0.546	10.9	23.45
2698	40.9750	116.8643	-251.2	413	TRF2	0	0	0	0	68	18.8	2383	81	124	257	1.531	0.482	0.315	10.9	23.45
2699	40.9750	116.8639	-256.3	408	TRF2	0	0	0	0	49	19.1	2408	78	190	183	2.436	1.038	0.426	10.9	23.48
2700	40.9750	116.8635	-261.4	403	TRF2	0	0	0	0	49	19.0	2445	88	217	188	2.466	1.154	0.468	10.9	23.47
2701	40.9750	116.8631	-274.3	402	TRF2	0	0	0	0	51	19.0	2345	85	178	200	2.094	0.890	0.425	11.0	23.52
2702	40.9750	116.8627	-279.7	395	TRF2	0	0	0	0	43	18.9	2412	100	208	171	2.080	1.216	0.585	10.9	23.49
2703	40.9750	116.8623	-282.5	390	TRF2	0	0	0	0	53	18.9	2289	83	117	224	1.410	0.522	0.371	10.9	23.49
2704	40.9750	116.8619	-282.9	386	TRF2	0	0	0	0	59	18.8	2277	74	151	207	2.041	0.729	0.357	10.9	23.50
2705	40.9750	116.8614	-281.6	381	TRF2	0	0	0	0	48	18.8	2363	95	113	240	1.189	0.471	0.396	10.9	23.49
2706	40.9750	116.8610	-276.1	379	TRF2	0	0	0	0	38	18.8	2329	92	160	204	1.739	0.784	0.451	10.9	23.51
2707	40.9750	116.8606	-272.8	37?	TRF2	0	0	0	0	55	18.7	2409	81	219	189	2.704	1.159	0.429	11.0	23.53
2708	40.9750	116.8602	-270.9	37?	TRF2	0	0	0	0	63	18.7	2398	88	196	144	2.227	1.361	0.611	11.0	23.53
2709	40.9750	116.8598	-268.0	370	TRF2	0	0	0	0	50	18.6	2417	90	161	240	1.789	0.671	0.375	11.0	23.55

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2710	40.9750	116.8594	-266.6	371	TRF2	0	0	0	0	52	18.7	2409	85	211	174	2.482	1.213	0.489	11.0	23.55
2711	40.9750	116.8590	-264.9	373	TRF2	0	0	0	0	43	18.7	2448	93	217	213	2.333	1.019	0.437	11.0	23.57
2712	40.9750	116.8586	-264.5	373	TRF2	0	0	0	0	51	18.7	2484	83	218	202	2.627	1.079	0.411	11.1	23.56
2713	40.9750	116.8582	-265.3	377	TRF2	0	0	0	0	55	18.7	2524	91	155	240	1.703	0.646	0.379	11.1	23.55
2714	40.9750	116.8578	-265.9	380	TRF2	0	0	0	0	39	18.8	2472	88	190	239	2.159	0.795	0.368	11.0	23.55
2715	40.9750	116.8573	-266.4	382	TRF2	0	0	0	0	59	18.8	2469	77	225	210	2.922	1.071	0.367	11.0	23.55
2716	40.9750	116.8569	-267.0	386	TRF2	0	0	0	0	51	18.8	2264	77	171	204	2.221	0.838	0.377	11.1	23.53
2717	40.9750	116.8565	-266.3	387	TRF2	0	0	0	0	51	18.8	2302	80	101	228	1.263	0.443	0.351	11.0	23.56
2718	40.9750	116.8561	-269.4	390	TRF2	0	0	0	0	38	21.5	2410	83	135	232	1.627	0.582	0.358	11.2	23.58
2719	40.9750	116.8557	-269.7	393	TRF2	0	0	0	0	57	21.5	2259	91	167	169	1.835	0.988	0.538	11.1	23.57
2720	40.9750	116.8553	-269.8	398	TRF2	0	0	0	0	32	21.6	2257	89	205	156	2.303	1.314	0.571	11.1	23.56
2721	40.9750	116.8549	-269.0	405	TRF2	0	0	0	0	58	21.7	2226	83	174	186	2.096	0.935	0.446	11.1	23.59
2722	40.9751	116.8545	-268.6	410	TRF2	0	0	0	0	51	21.7	2286	84	153	206	1.821	0.743	0.408	11.1	23.59
2723	40.9751	116.8541	-266.8	420	TRF2	0	0	0	0	57	21.8	2217	70	125	188	1.786	0.665	0.372	11.2	23.59
2724	40.9751	116.8536	-263.3	430	TRF2	0	0	0	0	54	22.0	2275	94	134	195	1.426	0.687	0.482	11.3	23.61
2725	40.9751	116.8532	-259.6	441	TRF2	0	0	0	0	37	22.1	2247	92	126	185	1.370	0.681	0.497	11.3	23.61
2726	40.9751	116.8528	-254.6	449	TRF2	0	0	0	0	52	22.2	2242	82	158	162	1.927	0.975	0.506	11.3	23.61
2727	40.9751	116.8524	-250.1	458	TRF2	0	0	0	0	39	22.3	2229	86	121	194	1.407	0.624	0.443	11.3	23.61
2728	40.9751	116.8520	-246.2	465	TRF2	0	0	0	0	45	22.4	2336	84	195	156	2.321	1.250	0.538	11.3	23.62
2729	40.9751	116.8516	-243.5	471	TRF2	0	0	0	0	48	22.5	2296	98	93	202	0.949	0.460	0.485	11.3	23.64
2730	40.9751	116.8512	-239.3	472	TRF2	0	0	0	0	45	22.5	2294	68	173	154	2.544	1.123	0.442	11.3	23.63
2731	40.9751	116.8508	-235.6	470	TRF2	0	0	0	0	56	22.5	2334	83	163	194	1.964	0.840	0.428	11.3	23.64
2732	40.9751	116.8504	-232.3	464	TRF2	0	0	0	0	48	22.4	2352	87	175	183	2.011	0.956	0.475	11.2	23.64
2733	40.9751	116.8499	-229.7	459	TRF2	0	0	0	0	52	22.3	2392	93	183	166	1.968	1.102	0.560	11.2	23.63
2734	40.9751	116.8495	-227.6	452	TRF2	0	0	0	0	60	22.2	2370	83	200	153	2.410	1.307	0.542	11.2	23.65
2735	40.9751	116.8491	-222.2	447	TRF2	0	0	0	0	49	22.2	2386	106	154	143	1.453	1.077	0.741	11.3	23.67
2736	40.9751	116.8487	-221.1	441	TRF2	0	0	0	0	46	22.1	2498	113	129	187	1.142	0.690	0.604	11.1	23.65
2737	40.9751	116.8483	-219.7	435	TRF2	0	0	0	0	48	26.7	2494	104	165	183	1.587	0.902	0.568	11.2	23.66
2738	40.9751	116.8479	-217.7	423	TRF2	0	0	0	0	47	26.5	2453	84	136	249	1.619	0.546	0.337	11.2	23.68
2739	40.9751	116.8475	-216.6	409	TRF2	0	0	0	0	45	26.3	2445	95	148	202	1.558	0.733	0.470	11.1	23.68
2740	40.9751	116.8471	-217.1	398	TRF2	0	0	0	0	44	26.1	2264	92	120	197	1.304	0.609	0.467	11.2	23.71
2741	40.9751	116.8467	-217.7	392	TRF2	0	0	0	0	65	26.1	2273	88	101	222	1.148	0.455	0.396	11.2	23.72
2742	40.9751	116.8462	-218.1	390	TRF2	0	0	0	0	55	26.0	2202	80	62	215	0.775	0.288	0.372	11.2	23.71
2743	40.9751	116.8458	-219.9	392	TRF2	0	0	0	0	49	26.1	2183	61	160	184	2.623	0.870	0.332	11.3	23.74
2744	40.9751	116.8454	-220.4	396	TRF2	0	0	0	0	40	26.1	2146	82	180	175	2.195	1.029	0.469	11.3	23.74
2745	40.9751	116.8450	-221.0	401	TRF2	0	0	0	0	42	26.2	2124	73	127	182	1.740	0.698	0.401	11.4	23.74
2746	40.9751	116.8446	-221.5	405	TRF2	0	0	0	0	43	26.3	1908	65	144	129	2.215	1.116	0.504	11.3	23.75
2747	40.9751	116.8442	-222.1	412	TRF2	0	0	0	0	62	26.4	2048	71	141	146	1.986	0.966	0.486	11.5	23.75
2748	40.9751	116.8438	-221.4	417	TRF2	0	0	0	0	44	26.4	2150	69	156	167	2.261	0.934	0.413	11.5	23.75
2749	40.9751	116.8434	-222.2	418	QQA2	0	0	0	0	52	26.5	1975	44	219	136	4.977	1.610	0.324	11.5	23.75
2750	40.9751	116.8430	-222.3	420	QQA2	0	0	0	0	46	26.5	1959	49	125	185	2.551	0.676	0.265	11.5	23.75
2751	40.9751	116.8426	-222.9	423	QQA2	0	0	0	0	44	26.5	2023	68	91	195	1.338	0.467	0.349	11.5	23.74
2752	40.9751	116.8421	-222.9	424	QQA2	0	0	0	0	45	26.5	2133	74	120	167	1.622	0.719	0.443	11.5	23.75
2753	40.9751	116.8417	-223.3	421	QQA2	0	0	0	0	41	26.5	2256	70	171	191	2.443	0.895	0.366	11.5	23.74
2754	40.9751	116.8413	-222.1	422	QQA2	0	0	0	0	43	26.5	2301	74	139	218	1.878	0.638	0.339	11.5	23.73
2755	40.9751	116.8409	-223.2	422	QQA2	0	0	0	0	42	26.5	2324	73	212	165	2.904	1.285	0.442	11.6	23.72
2756	40.9751	116.8405	-222.6	421	QQA2	0	0	0	0	39	30.2	2315	69	105	249	1.522	0.422	0.277	11.6	23.74
2757	40.9751	116.8401	-223.4	420	QQA2	0	0	0	0	35	30.2	2303	77	179	143	2.325	1.252	0.538	11.7	23.75
2758	40.9751	116.8397	-223.5	421	QQA2	0	0	0	0	54	30.2	2243	74	122	178	1.649	0.685	0.416	11.7	23.73
2759	40.9751	116.8393	-222.6	421	QQA2	0	0	0	0	53	30.2	2314	89	171	156	1.921	1.096	0.571	11.8	23.75
2760	40.9751	116.8389	-224.0	417	QQA2	0	0	0	0	53	30.1	2183	84	88	231	1.048	0.381	0.364	11.8	23.75
2761	40.9751	116.8384	-223.8	418	QQA2	0	0	0	0	42	30.2	2108	71	152	167	2.141	0.910	0.425	11.8	23.77
2762	40.9751	116.8380	-224.2	413	QQA2	0	0	0	0	46	30.1	2137	77	119	176	1.545	0.676	0.438	11.9	23.79
2763	40.9751	116.8376	-224.1	405	QQA2	0	0	0	0	60	29.9	2083	73	139	143	1.904	0.972	0.510	12.0	23.81

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2764	40.9751	116.8372	-226.2	402	QOA2	0	0	0	0	44	29.9	2142	45	226	142	5.022	1.592	0.317	12.0	23.84
2765	40.9751	116.8368	-227.1	398	QOA2	0	0	0	0	66	29.8	2062	51	93	225	1.824	0.413	0.227	12.1	23.83
2766	40.9751	116.8364	-228.0	392	QOA2	0	0	0	0	41	29.7	2102	80	41	244	0.513	0.168	0.328	12.1	23.82
2767	40.9751	116.8360	-228.8	388	QOA2	0	0	0	0	45	29.6	1987	66	132	160	2.000	0.825	0.413	12.1	23.83
2768	40.9751	116.8356	-229.2	386	QOA2	0	0	0	0	47	29.6	1953	65	111	175	1.708	0.634	0.371	12.1	23.83
2769	40.9752	116.8352	-231.6	383	QOA2	0	0	0	0	43	29.5	2050	56	169	170	3.018	0.994	0.329	12.1	23.82
2770	40.9752	116.8347	-233.9	384	QOA2	0	0	0	0	62	29.6	2008	66	110	170	1.667	0.647	0.388	12.0	23.84
2771	40.9752	116.8343	-235.3	381	TRF2	0	0	0	0	56	29.5	2118	77	130	151	1.688	0.861	0.510	12.0	23.83
2772	40.9752	116.8339	-235.4	380	TRF2	0	0	0	0	49	29.5	2203	71	145	202	2.042	0.718	0.351	11.9	23.81
2773	40.9752	116.8335	-237.0	371	TRF2	0	0	0	0	44	29.3	2027	57	64	236	1.123	0.271	0.242	11.9	23.82
2774	40.9752	116.8331	-237.9	372	TRF2	0	0	0	0	34	29.4	2090	72	113	222	1.569	0.509	0.324	11.9	23.81
2775	40.9752	116.8327	-238.7	370	TRF2	0	0	0	0	49	29.7	1906	48	148	165	3.083	0.897	0.291	11.9	23.79
2776	40.9752	116.8323	-239.5	372	TRF2	0	0	0	0	39	29.7	1875	55	195	107	3.545	1.822	0.514	11.9	23.81
2777	40.9752	116.8319	-240.1	373	TRF2	0	0	0	0	41	29.7	1917	64	56	186	0.875	0.301	0.344	11.9	23.81
2778	40.9752	116.8315	-241.4	381	TRF2	0	0	0	0	57	29.9	1883	59	59	204	1.000	0.289	0.289	11.9	23.81
2779	40.9752	116.8310	-240.9	386	TRF2	0	0	0	0	57	29.9	1887	51	110	178	2.157	0.618	0.287	11.8	23.81
2780	40.9752	116.8306	-241.5	388	TRF2	0	0	0	0	44	30.0	1886	68	162	119	2.382	1.361	0.571	11.9	23.81
2781	40.9752	116.8302	-241.6	390	TRF2	0	0	0	0	41	30.0	1961	67	70	195	1.045	0.359	0.344	11.9	23.83
2782	40.9752	116.8298	-242.1	396	TRF2	0	0	0	0	44	30.1	1856	67	63	181	0.940	0.348	0.370	11.9	23.83
2783	40.9752	116.8294	-242.2	394	TRF2	0	0	0	0	53	30.1	1878	60	115	145	1.917	0.793	0.414	11.9	23.83
2784	40.9752	116.8290	-241.6	394	TRF2	0	0	0	0	39	30.1	1945	47	203	164	4.319	1.238	0.287	12.0	23.85
2785	40.9752	116.8286	-242.4	396	TRF2	0	0	0	0	46	30.1	1917	63	90	169	1.429	0.533	0.373	11.9	23.84
2786	40.9752	116.8282	-245.4	405	TRF2	0	0	0	0	52	30.3	1832	41	143	153	3.488	0.935	0.268	12.1	23.86
2787	40.9752	116.8278	-246.7	415	TRF2	0	0	0	0	42	30.5	1869	42	117	155	2.786	0.755	0.271	12.0	23.85
2788	40.9752	116.8274	-247.0	419	TRF2	0	0	0	0	40	30.5	1989	62	153	143	2.468	1.070	0.434	12.0	23.84
2789	40.9752	116.8269	-246.1	417	TRF2	0	0	0	0	43	30.5	1912	48	190	139	3.958	1.367	0.345	12.1	23.85
2790	40.9752	116.8265	-245.2	410	TRF2	0	0	0	0	42	30.4	1886	46	105	191	2.283	0.550	0.241	12.1	23.84
2791	40.9752	116.8261	-244.1	407	TRF2	0	0	0	0	51	30.3	1961	51	139	161	2.725	0.863	0.317	12.0	23.85
2792	40.9752	116.8257	-244.2	409	TRF2	0	0	0	0	39	30.4	1948	67	80	178	1.194	0.449	0.376	12.1	23.83
2793	40.9752	116.8253	-243.2	411	TRF2	0	0	0	0	47	30.4	2099	59	127	202	2.153	0.629	0.292	12.1	23.82
2794	40.9752	116.8249	-242.8	416	TRF2	0	0	0	0	51	27.7	2097	47	217	163	4.617	1.331	0.288	12.0	23.83
2795	40.9752	116.8245	-239.9	414	TRF2	0	0	0	0	39	27.7	2135	92	111	170	1.207	0.653	0.541	12.0	23.82
2796	40.9752	116.8241	-237.1	395	TRF2	0	0	0	0	49	27.4	1997	60	106	181	1.767	0.586	0.331	12.1	23.83
2797	40.9752	116.8237	-232.6	385	TRF2	0	0	0	0	40	27.2	2046	75	161	162	2.147	0.994	0.463	12.1	23.84
2798	40.9752	116.8232	-228.9	382	TRF2	0	0	0	0	45	27.2	1995	54	133	188	2.463	0.707	0.287	12.1	23.83
2799	40.9752	116.8228	-225.3	382	TRF2	0	0	0	0	52	27.2	2022	47	178	176	3.787	1.011	0.267	12.1	23.84
2800	40.9752	116.8224	-222.6	379	TRF2	0	0	0	0	53	27.1	1894	54	133	171	2.463	0.778	0.316	12.1	23.83
2801	40.9752	116.8220	-220.7	380	TRF2	0	0	0	0	49	27.2	1871	66	126	105	1.909	1.200	0.629	12.1	23.85
2802	40.9752	116.8216	-219.1	380	TRF2	0	0	0	0	57	27.2	1889	63	144	121	2.286	1.190	0.521	12.2	23.83
2803	40.9752	116.8212	-218.5	382	TRF2	0	0	0	0	43	27.2	1986	67	91	168	1.358	0.542	0.399	12.2	23.87
2804	40.9752	116.8208	-220.5	379	TRF2	0	0	0	0	35	27.1	1951	69	70	200	1.014	0.350	0.345	12.2	23.85
2805	40.9752	116.8204	-223.6	376	TRF2	0	0	0	0	44	27.1	1955	51	162	162	3.176	1.000	0.315	12.2	23.84
2806	40.9752	116.8198	-229.0	374	TRF2	0	0	0	0	49	27.1	1853	54	99	155	1.833	0.639	0.348	12.2	23.87
2807	40.9752	116.8192	-236.9	371	TRF2	0	0	0	0	57	27.0	1908	57	147	163	2.579	0.902	0.350	12.2	23.88
2808	40.9752	116.8186	-243.8	368	TRF2	0	0	0	0	49	27.0	1875	66	41	182	0.621	0.225	0.363	12.2	23.87
2809	40.9753	116.8180	-245.5	362	TRF2	0	0	0	0	40	26.9	1884	64	132	155	2.063	0.852	0.413	12.2	23.89
2810	40.9753	116.8174	-243.0	356	TRF2	0	0	0	0	59	26.8	1902	62	128	131	2.065	0.977	0.473	12.2	23.89
2811	40.9753	116.8168	-238.1	353	TRF2	0	0	0	0	49	26.7	1948	62	170	132	2.742	1.288	0.470	12.1	23.90
2812	40.9753	116.8162	-234.8	350	TRF2	0	0	0	0	53	26.7	1899	68	96	186	1.412	0.516	0.366	12.1	23.91
2813	40.9753	116.8156	-229.7	348	TRF2	0	0	0	0	38	24.8	1980	71	131	145	1.845	0.903	0.490	12.1	23.90
2814	40.9753	116.8149	-225.3	352	TRF2	0	0	0	0	42	24.9	1927	62	104	179	1.677	0.581	0.346	12.1	23.91
2815	40.9753	116.8143	-218.4	356	TRF2	0	0	0	0	37	25.0	1979	69	63	173	0.913	0.364	0.399	12.1	23.91
2816	40.9753	116.8137	-212.4	366	TRF2	0	0	0	0	46	25.1	1883	67	47	202	0.701	0.233	0.332	12.1	23.90
2817	40.9753	116.8131	-207.5	374	TRF2	0	0	0	0	59	25.3	1907	60	167	110	2.783	1.518	0.545	12.0	23.90

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2818	40.9753	116.8125	-203.8	380	TRF2	0	0	0	0	42	25.3	1993	66	138	126	2.091	1.095	0.524	12.0	23.89
2819	40.9753	116.8119	-201.2	387	TRF2	0	0	0	0	55	25.5	1964	55	170	163	3.091	1.043	0.337	12.0	23.87
2820	40.9753	116.8113	-201.0	392	TRF2	0	0	0	0	34	25.5	1971	66	88	208	1.333	0.423	0.317	12.0	23.90
2821	40.9753	116.8107	-201.4	390	TRF2	0	0	0	0	38	25.5	1867	56	80	204	1.429	0.392	0.275	11.9	23.87
2822	40.9753	116.8101	-202.0	387	TRF2	0	0	0	0	54	25.4	2004	68	95	181	1.397	0.525	0.376	11.9	23.87
2823	40.9753	116.8095	-202.7	382	TRF2	0	0	0	0	49	25.4	1993	59	127	175	2.153	0.726	0.337	11.9	23.87
2824	40.9753	116.8089	-200.4	374	TRF2	0	0	0	0	50	25.2	2045	54	146	205	2.704	0.712	0.263	11.9	23.85
2825	40.9753	116.8083	-197.6	367	TRF2	0	0	0	0	58	25.1	1984	48	120	236	2.500	0.508	0.203	11.8	23.87
2826	40.9753	116.8077	-196.0	365	TRF2	0	0	0	0	46	25.1	1902	47	177	136	3.766	1.301	0.346	11.9	23.88
2827	40.9754	116.8071	-195.3	371	TRF2	0	0	0	0	44	25.2	1917	63	139	135	2.206	1.030	0.467	11.8	23.87
2828	40.9754	116.8065	-194.9	380	TRF2	0	0	0	0	42	25.3	1950	38	185	153	4.868	1.209	0.248	11.8	23.87
2829	40.9754	116.8059	-194.0	387	TRF2	0	0	0	0	43	25.4	1941	71	125	135	1.761	0.926	0.526	11.8	23.86
2830	40.9754	116.8053	-192.8	395	TRF2	0	0	0	0	37	25.6	1972	52	145	194	2.788	0.747	0.268	11.8	23.87
2831	40.9754	116.8047	-190.7	399	TRF2	0	0	0	0	48	25.6	1939	86	77	188	0.895	0.410	0.457	11.8	23.88
2832	40.9754	116.8041	-190.5	402	TRF2	0	0	0	0	53	26.2	1923	66	142	113	2.152	1.257	0.584	11.8	23.87
2833	40.9754	116.8035	-190.9	403	TRF2	0	0	0	0	32	26.2	1841	44	165	135	3.750	1.222	0.326	11.8	23.89
2834	40.9754	116.8029	-192.3	404	TRF2	0	0	0	0	48	26.2	1814	60	103	140	1.717	0.736	0.429	11.8	23.87
2835	40.9754	116.8023	-192.6	409	TRF2	0	0	0	0	43	26.3	1850	63	118	136	1.873	0.868	0.463	11.8	23.89
2836	40.9754	116.8017	-189.5	407	TRF2	0	0	0	0	50	26.3	1926	68	59	187	0.868	0.316	0.364	11.8	23.91
2837	40.9754	116.8011	-189.6	407	TRF2	0	0	0	0	57	26.3	1917	46	102	176	2.217	0.580	0.261	11.9	23.90
2838	40.9754	116.8005	-183.3	402	TRF2	0	0	0	0	38	26.2	1941	56	124	157	2.214	0.790	0.357	11.8	23.91
2839	40.9754	116.7999	-181.7	400	TRF2	0	0	0	0	60	26.1	1830	60	53	196	0.883	0.270	0.306	11.8	23.91
2840	40.9754	116.7993	-179.9	396	TRF2	0	0	0	0	48	26.1	1969	54	122	167	2.259	0.731	0.323	11.9	23.91
2841	40.9754	116.7987	-179.3	389	TRF2	0	0	0	0	34	26.0	1885	73	38	203	0.521	0.187	0.360	11.8	23.91
2842	40.9754	116.7981	-179.0	384	TRF2	0	0	0	0	57	25.9	1881	56	143	157	2.554	0.911	0.357	11.8	23.91
2843	40.9754	116.7975	-178.9	379	TRF2	0	0	0	0	35	25.8	1911	56	119	187	2.125	0.636	0.299	11.9	23.92
2844	40.9755	116.7969	-177.8	375	TRF2	0	0	0	0	48	25.8	1912	77	126	124	1.636	1.016	0.621	11.9	23.93
2845	40.9755	116.7963	-179.3	369	TRF2	0	0	0	0	54	25.7	1901	61	98	158	1.607	0.620	0.386	11.9	23.93
2846	40.9755	116.7957	-180.4	373	QOA2	0	0	0	0	52	25.7	1858	76	128	136	1.684	0.941	0.559	11.9	23.92
2847	40.9755	116.7951	-181.5	376	QOA2	0	0	0	0	42	25.8	1908	47	111	191	2.362	0.581	0.246	11.9	23.91
2848	40.9755	116.7945	-182.4	376	QOA2	0	0	0	0	51	25.8	1855	41	169	148	4.122	1.142	0.277	12.0	23.91
2849	40.9755	116.7939	-183.2	377	QOA2	0	0	1	0	30	25.8	1873	64	12	207	0.188	0.058	0.309	12.0	23.88
2850	40.9755	116.7933	-185.1	382	QOA2	0	0	0	0	49	25.9	1858	47	149	141	3.170	1.057	0.333	12.0	23.91
2851	40.9755	116.7927	-189.4	384	QOA2	0	0	0	0	35	30.8	1865	48	93	191	1.938	0.487	0.251	12.0	23.89
2852	40.9755	116.7921	-195.8	381	QOA2	0	0	0	0	37	30.7	1878	56	85	161	1.518	0.528	0.348	12.0	23.89
2853	40.9755	116.7915	-202.5	379	QOA2	0	0	0	0	46	30.7	1756	53	108	140	2.038	0.771	0.379	12.0	23.90
2854	40.9755	116.7909	-221.2	376	QOA2	0	0	0	0	50	30.6	1754	31	163	139	5.258	1.173	0.223	12.1	23.92
2855	40.9755	116.7903	-227.8	374	QOA2	0	0	0	0	41	30.6	1827	55	83	158	1.509	0.525	0.348	12.0	23.91
2856	40.9755	116.7897	-232.9	372	QOA2	0	0	0	0	40	30.6	1784	39	65	208	1.667	0.313	0.188	12.0	23.89
2857	40.9755	116.7891	-236.5	377	QOA2	0	0	0	0	39	30.7	1846	45	151	143	3.283	1.056	0.322	12.0	23.91
2858	40.9755	116.7885	-240.1	385	QOA2	0	0	0	0	38	30.8	1853	63	57	187	0.905	0.305	0.337	12.0	23.89
2859	40.9755	116.7879	-241.0	385	QOA2	0	0	0	0	58	30.8	1811	44	97	187	2.205	0.519	0.235	12.0	23.90
2860	40.9755	116.7873	-240.7	376	QOA2	0	0	0	0	45	30.6	1857	46	139	131	3.022	1.061	0.351	12.0	23.91
2861	40.9755	116.7867	-239.6	371	QOA2	0	0	0	0	50	30.5	1760	44	57	180	1.295	0.317	0.244	12.0	23.92
2862	40.9756	116.7861	-240.5	368	QOA2	0	0	0	0	51	30.5	1761	46	140	143	3.043	0.979	0.322	12.0	23.91
2863	40.9756	116.7855	-239.4	367	QOA2	0	0	0	0	47	30.5	1762	51	67	203	1.314	0.330	0.251	12.1	23.95
2864	40.9756	116.7849	-240.9	357	QOA2	0	0	0	0	40	30.3	1750	48	84	188	1.750	0.447	0.255	12.1	23.95
2865	40.9756	116.7843	-241.5	358	QOA2	0	0	0	0	50	30.3	1736	43	76	162	1.767	0.469	0.265	12.1	23.95
2866	40.9756	116.7837	-244.6	361	QOA2	0	0	0	0	39	30.3	1787	49	165	112	3.367	1.473	0.438	12.2	23.95
2867	40.9756	116.7831	-250.5	367	QOA2	0	0	0	0	43	30.5	1732	44	141	139	3.205	1.014	0.317	12.3	23.93
2868	40.9756	116.7824	-256.5	375	QOA2	0	0	0	0	57	30.6	1744	47	104	168	2.213	0.619	0.280	12.3	23.95
2869	40.9756	116.7818	-262.3	383	QOA2	0	0	0	0	48	30.8	1749	45	85	149	1.889	0.570	0.302	12.3	23.92
2870	40.9756	116.7812	-263.0	384	QOA2	0	0	0	0	35	29.5	1774	61	94	156	1.541	0.603	0.391	12.3	23.93
2871	40.9756	116.7806	-260.8	388	QOA2	0	0	0	0	45	29.6	1806	60	83	162	1.383	0.512	0.370	12.3	23.93

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2872	40.9756	116.7800	-259.7	393	QOA2	0	0	0	0	64	29.7	1806	47	86	158	1.830	0.544	0.297	12.3	23.93
2873	40.9756	116.7794	-258.1	391	QOA2	0	0	0	0	44	29.7	1790	51	62	170	1.216	0.365	0.300	12.2	23.93
2874	40.9756	116.7788	-257.9	391	QOA2	0	0	0	0	51	29.7	1795	51	61	173	1.196	0.353	0.295	12.2	23.93
2875	40.9756	116.7782	-256.3	395	QOA2	0	0	0	0	51	29.7	1816	65	67	148	1.031	0.453	0.439	12.2	23.93
2876	40.9756	116.7776	-253.9	393	QOA2	0	0	0	0	53	29.7	1857	58	125	133	2.155	0.940	0.436	12.2	23.94
2877	40.9756	116.7770	-251.3	400	QOA2	0	0	0	0	42	29.8	1858	52	151	143	2.904	1.056	0.364	12.2	23.91
2878	40.9756	116.7764	-249.1	407	QOA2	0	0	0	0	37	29.9	1829	60	113	155	1.883	0.729	0.387	12.2	23.91
2879	40.9756	116.7758	-246.0	411	QOA2	0	0	0	0	47	30.0	1839	56	105	153	1.875	0.686	0.366	12.2	23.90
2880	40.9757	116.7752	-243.6	410	QOA2	0	0	0	0	48	30.0	1894	43	141	161	3.279	0.876	0.267	12.1	23.89
2881	40.9757	116.7746	-242.2	410	QOA2	0	0	0	0	38	30.0	1894	54	106	185	1.963	0.573	0.292	12.1	23.89
2882	40.9757	116.7740	-238.6	410	QOA2	0	0	0	0	47	30.0	1915	62	142	157	2.290	0.904	0.395	12.1	23.89
2883	40.9757	116.7734	-237.0	411	QOA2	0	0	0	0	56	30.0	1985	62	68	217	1.097	0.313	0.286	12.1	23.88
2884	40.9757	116.7728	-233.2	400	QOA2	0	0	0	0	47	29.8	1908	50	97	203	1.940	0.478	0.246	12.1	23.89
2885	40.9757	116.7722	-228.5	352	QOA2	0	0	0	0	33	29.0	1882	56	95	180	1.696	0.528	0.311	12.1	23.86
2886	40.9757	116.7716	-221.2	339	QOA2	0	0	0	0	53	28.7	1904	42	145	176	3.452	0.824	0.239	12.1	23.91
2887	40.9757	116.7710	-207.6	340	QOA2	0	0	0	0	53	28.7	1878	39	102	197	2.615	0.518	0.198	12.1	23.89
2888	40.9757	116.7704	-207.7	341	QOA2	0	0	0	0	40	28.8	1858	49	125	176	2.551	0.710	0.278	12.1	23.89
2889	40.9757	116.7698	-198.2	356	QOA2	0	0	0	0	59	27.7	1839	52	103	157	1.981	0.656	0.331	12.1	23.89
2890	40.9757	116.7692	-201.5	375	QOA2	0	0	0	0	38	28.1	1991	74	61	198	0.824	0.308	0.374	12.1	23.87
2891	40.9757	116.7686	-211.2	397	QOA2	0	0	0	0	55	28.5	2004	53	167	170	3.151	0.982	0.312	12.2	23.87
2892	40.9757	116.7680	-221.9	413	QOA2	0	0	0	0	63	28.7	1998	55	127	169	2.309	0.751	0.325	12.1	23.87
2893	40.9757	116.7674	-230.2	424	QOA2	0	0	0	0	38	28.9	2022	69	130	168	1.884	0.774	0.411	12.2	23.86
2894	40.9757	116.7668	-237.1	423	QOA2	0	0	0	0	45	28.9	2100	66	88	227	1.333	0.388	0.291	12.2	23.86
2895	40.9757	116.7662	-246.3	413	QOA2	0	0	0	0	46	28.7	2120	59	96	232	1.627	0.414	0.254	12.3	23.89
2896	40.9757	116.7656	-251.8	403	QOA2	0	0	0	0	42	28.6	2149	68	73	264	1.074	0.277	0.258	12.3	23.90
2897	40.9758	116.7650	-259.0	396	QOA2	0	0	0	0	58	28.4	2054	56	162	184	2.893	0.880	0.304	12.3	23.89
2898	40.9758	116.7644	-263.5	383	QOA2	0	0	0	0	38	28.2	2050	65	140	193	2.154	0.725	0.337	12.2	23.90
2899	40.9758	116.7638	-265.6	379	QOA2	0	0	0	0	65	28.1	2089	61	58	254	0.951	0.228	0.240	12.3	23.92
2900	40.9758	116.7632	-262.8	371	QOA2	0	0	0	0	61	28.0	2108	53	127	222	2.396	0.572	0.239	12.3	23.92
2901	40.9758	116.7626	-257.2	370	QOA2	0	0	0	0	40	28.0	2163	38	175	224	4.605	0.781	0.170	12.3	23.93
2902	40.9758	116.7620	-253.3	373	QOA2	0	0	0	0	49	28.0	2097	72	102	214	1.417	0.477	0.336	12.2	23.91
2903	40.9758	116.7614	-245.7	377	QOA2	0	0	0	0	45	28.1	2037	52	154	176	2.962	0.875	0.295	12.3	23.91
2904	40.9758	116.7608	-239.1	379	QOA2	0	0	0	0	41	28.1	1993	53	96	238	1.811	0.403	0.223	12.3	23.89
2905	40.9758	116.7602	-239.2	372	QOA2	0	0	0	0	53	28.0	1985	63	126	164	2.000	0.768	0.384	12.3	23.88
2906	40.9758	116.7596	-238.5	361	QOA2	0	0	0	0	61	27.8	1803	49	78	206	1.592	0.379	0.238	12.3	23.90
2907	40.9758	116.7590	-239.9	352	QOA2	0	0	0	0	50	27.7	1979	61	106	193	1.738	0.549	0.316	12.3	23.89
2908	40.9758	116.7584	-241.3	352	QOA2	0	0	0	0	38	27.8	1908	72	84	199	1.167	0.422	0.362	12.3	23.87
2909	40.9758	116.7578	-242.4	355	QOA2	0	0	0	0	33	27.8	1953	58	151	181	2.603	0.834	0.320	12.3	23.87
2910	40.9758	116.7572	-243.8	356	QOA2	0	0	0	0	39	27.9	1855	70	131	173	1.871	0.757	0.405	12.2	23.87
2911	40.9758	116.7566	-245.2	359	QOA2	0	0	0	0	50	27.9	1961	65	123	172	1.864	0.715	0.384	12.2	23.88
2912	40.9758	116.7560	-245.8	363	QOA2	0	0	0	0	52	28.0	1910	51	92	201	1.804	0.458	0.254	12.2	23.87
2913	40.9758	116.7554	-245.6	370	QOA2	0	0	0	0	47	28.1	1924	34	133	172	3.912	0.773	0.198	12.3	23.86
2914	40.9758	116.7548	-245.6	378	QOA2	0	0	0	0	41	28.2	2033	79	71	169	0.899	0.420	0.467	12.2	23.85
2915	40.9759	116.7542	-245.7	384	QOA2	0	0	0	0	53	28.3	1965	48	150	149	3.125	1.007	0.322	12.2	23.86
2916	40.9759	116.7536	-246.5	391	QOA2	0	0	0	0	45	28.5	1981	75	64	201	0.853	0.318	0.373	12.2	23.84
2917	40.9759	116.7530	-247.8	402	QOA2	0	0	0	0	47	28.6	1902	37	203	136	5.486	1.493	0.272	12.2	23.83
2918	40.9759	116.7524	-247.9	409	QOA2	0	0	0	0	61	28.8	2038	71	144	159	2.028	0.906	0.447	12.3	23.86
2919	40.9759	116.7518	-247.2	417	QOA2	0	0	0	0	47	28.9	2012	62	177	162	2.855	1.093	0.383	12.2	23.85
2920	40.9759	116.7512	-246.3	423	QOA2	0	0	0	0	55	29.0	1995	53	195	138	3.679	1.413	0.384	12.2	23.84
2921	40.9759	116.7506	-240.7	424	QOA2	0	0	0	0	54	29.0	2020	52	132	181	2.538	0.729	0.287	12.3	23.85
2922	40.9759	116.7499	-240.9	416	QOA2	0	0	0	0	45	28.9	2044	62	150	134	2.419	1.119	0.463	12.3	23.89
2923	40.9759	116.7493	-234.6	405	QOA2	0	0	0	0	49	28.7	1925	47	97	203	2.064	0.478	0.232	12.3	23.89
2924	40.9759	116.7487	-232.6	395	QOA2	0	0	0	0	48	28.5	1965	67	140	176	2.090	0.795	0.381	12.2	23.87
2925	40.9759	116.7481	-231.3	390	QOA2	0	0	0	0	41	28.4	1931	60	113	167	1.883	0.677	0.359	12.2	23.88

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2926	40.9759	116.7475	-231.2	380	QOA2	0	0	0	0	44	28.3	1867	68	76	173	1.118	0.439	0.393	12.2	23.89
2927	40.9759	116.7469	-231.8	384	QOA2	0	0	0	0	48	33.9	1877	60	112	182	1.867	0.615	0.330	12.2	23.88
2928	40.9759	116.7463	-232.2	387	QOA2	0	0	0	0	44	34.0	1973	54	157	166	2.907	0.946	0.325	12.2	23.87
2929	40.9759	116.7457	-231.5	397	QOA2	0	0	0	0	61	34.2	2036	59	180	131	3.051	1.374	0.450	12.2	23.88
2930	40.9759	116.7451	-230.6	406	QOA2	0	0	0	0	37	34.3	1990	76	79	192	1.039	0.411	0.396	12.2	23.89
2931	40.9759	116.7445	-228.2	406	QOA2	0	0	0	0	59	34.3	1940	72	77	190	1.069	0.405	0.379	12.2	23.86
2932	40.9760	116.7439	-226.4	399	QOA2	0	0	0	0	49	34.2	2039	51	116	202	2.275	0.574	0.252	12.1	23.88
2933	40.9760	116.7433	-225.2	401	QOA2	0	0	0	0	55	34.2	2052	75	91	191	1.213	0.476	0.393	12.1	23.87
2934	40.9760	116.7427	-227.1	405	QOA2	0	0	0	0	48	34.3	2010	60	75	229	1.250	0.328	0.262	12.0	23.86
2935	40.9760	116.7421	-229.4	408	QOA2	0	0	0	0	48	34.4	2050	62	114	205	1.839	0.556	0.302	12.1	23.89
2936	40.9760	116.7415	-233.1	411	QOA2	0	0	0	0	52	34.5	2034	71	92	183	1.296	0.503	0.388	12.0	23.85
2937	40.9760	116.7409	-235.7	407	QOA2	0	0	0	0	44	34.4	1976	58	128	163	2.207	0.785	0.356	11.9	23.86
2938	40.9760	116.7403	-238.4	398	QOA2	0	0	0	0	46	34.2	1969	60	152	150	2.533	1.013	0.400	11.9	23.85
2939	40.9760	116.7397	-238.7	386	QOA2	0	0	0	0	33	33.9	1934	88	69	146	0.784	0.473	0.603	11.9	23.87
2940	40.9760	116.7391	-247.6	382	QOA2	0	0	0	0	47	33.9	2031	36	238	155	6.611	1.535	0.232	11.9	23.88
2941	40.9760	116.7385	-258.9	383	QOA2	0	0	0	0	35	33.9	2070	62	147	172	2.371	0.855	0.360	11.9	23.86
2942	40.9760	116.7379	-266.4	376	QOA2	0	0	0	0	41	33.7	2105	69	100	243	1.449	0.412	0.284	11.7	23.85
2943	40.9760	116.7373	-268.4	360	QOA2	0	0	0	0	50	33.4	1980	64	103	193	1.609	0.534	0.332	11.6	23.86
2944	40.9760	116.7367	-268.1	354	QOA2	0	0	0	0	36	33.3	1974	47	140	209	2.979	0.670	0.225	11.6	23.88
2945	40.9760	116.7361	-265.2	355	QOA2	0	0	0	0	41	33.3	1995	74	67	205	0.905	0.327	0.361	11.5	23.85
2946	40.9760	116.7355	-262.1	360	QOA2	0	0	0	0	49	33.0	1944	62	126	170	2.032	0.741	0.365	11.4	23.85
2947	40.9760	116.7349	-259.7	361	QOA2	0	0	0	0	39	33.0	1963	62	132	162	2.129	0.815	0.383	11.3	23.87
2948	40.9760	116.7343	-259.3	363	QOA2	0	0	0	0	58	33.1	2006	50	132	165	2.640	0.800	0.303	11.2	23.89
2949	40.9760	116.7337	-258.9	367	QOA2	0	0	0	0	46	33.2	1977	61	90	179	1.475	0.503	0.341	11.1	23.89
2950	40.9761	116.7331	-259.8	369	QOA2	0	0	0	0	53	33.2	2048	70	118	149	1.686	0.792	0.470	11.1	23.89
2951	40.9761	116.7325	-261.7	367	QOA2	0	0	0	0	54	33.2	1956	61	85	181	1.393	0.470	0.337	11.0	23.90
2952	40.9761	116.7319	-261.3	366	QOA2	0	0	0	0	47	33.2	1966	68	132	144	1.941	0.917	0.472	11.0	23.92
2953	40.9761	116.7313	-260.7	369	QOA2	0	0	0	0	42	33.2	1959	60	139	184	2.317	0.755	0.326	10.9	23.92
2954	40.9761	116.7307	-258.0	370	QOA2	0	0	0	0	52	33.2	1959	67	89	192	1.328	0.464	0.349	10.8	23.89
2955	40.9761	116.7301	-251.6	377	QOA2	0	0	0	0	61	33.4	1996	66	124	178	1.879	0.697	0.371	10.8	23.89
2956	40.9761	116.7295	-251.7	388	QOA2	0	0	0	0	46	33.6	2071	76	43	202	0.566	0.213	0.376	10.7	23.90
2957	40.9761	116.7289	-256.3	384	QOA2	0	0	0	0	50	33.5	2050	68	70	236	1.029	0.297	0.288	10.7	23.91
2958	40.9761	116.7283	-260.8	372	QOA2	0	0	0	0	33	33.3	1910	71	65	198	0.915	0.328	0.359	10.5	23.88
2959	40.9761	116.7277	-267.0	371	QOA2	0	0	0	0	59	33.3	1912	57	106	182	1.860	0.582	0.313	10.5	23.89
2960	40.9761	116.7271	-275.3	372	QOA2	0	0	0	0	59	33.3	1917	73	78	155	1.068	0.503	0.471	10.4	23.88
2961	40.9761	116.7265	-279.2	375	QOA2	0	0	0	0	57	33.3	1959	76	108	138	1.421	0.783	0.551	10.4	23.87
2962	40.9761	116.7259	-278.5	383	QOA2	0	0	0	0	42	33.5	2023	66	108	173	1.636	0.624	0.382	10.3	23.86
2963	40.9761	116.7253	-276.4	386	QOA2	0	0	0	0	50	33.6	1987	72	76	180	1.056	0.422	0.400	10.3	23.87
2964	40.9761	116.7247	-274.8	379	QOA2	0	0	0	0	39	33.4	2024	43	111	220	2.581	0.505	0.195	10.2	23.84
2965	40.9761	116.7241	-272.2	374	QOA2	0	0	0	0	59	29.6	1941	73	150	133	2.055	1.128	0.549	10.2	23.85
2966	40.9761	116.7235	-266.3	378	QOA2	0	0	0	0	45	29.7	1948	65	110	163	1.692	0.675	0.399	10.2	23.86
2967	40.9761	116.7229	-263.9	383	QOA2	0	0	0	0	42	29.8	1997	77	67	202	0.870	0.332	0.381	10.2	23.86
2968	40.9762	116.7223	-262.1	382	QOA2	0	0	0	0	47	29.8	1948	58	94	199	1.621	0.472	0.291	10.2	23.85
2969	40.9762	116.7217	-263.2	382	QA1	0	0	0	0	56	29.8	1960	70	80	157	1.143	0.510	0.446	10.2	23.85
2970	40.9762	116.7211	-263.1	384	QA1	0	0	0	0	46	29.8	1934	53	107	202	2.019	0.530	0.262	10.2	23.86
2971	40.9762	116.7205	-261.9	387	QA1	0	0	0	0	63	29.9	2043	85	40	188	0.471	0.213	0.452	10.2	23.87
2972	40.9762	116.7199	-255.3	390	QA1	0	0	0	0	41	29.9	1948	58	111	192	1.914	0.578	0.302	10.2	23.86
2973	40.9762	116.7193	-255.3	401	QA1	0	0	0	0	52	30.1	1975	66	134	155	2.030	0.865	0.426	10.2	23.87
2974	40.9762	116.7187	-261.6	409	QA1	0	0	0	0	54	30.3	2045	64	103	203	1.609	0.507	0.315	10.3	23.87
2975	40.9762	116.7181	-264.8	407	QA1	0	0	0	0	56	30.2	1950	44	150	147	3.409	1.020	0.299	10.3	23.86
2976	40.9762	116.7174	-265.5	400	QA1	0	0	0	0	42	30.1	1976	66	138	157	2.091	0.879	0.420	10.4	23.88
2977	40.9762	116.7168	-262.9	396	QA1	0	0	0	0	57	30.0	2073	81	112	168	1.383	0.667	0.482	10.3	23.87
2978	40.9762	116.7162	-258.1	391	QA1	0	0	0	0	57	29.9	2011	64	94	184	1.469	0.511	0.348	10.4	23.88
2979	40.9762	116.7156	-252.2	389	QA1	0	0	0	0	34	29.9	2019	51	174	191	3.412	0.911	0.267	10.4	23.88

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2980	40.9762	116.7150	-247.3	390	QA1	0	0	0	0	41	29.9	1947	57	114	187	2.000	0.610	0.305	10.4	23.89
2981	40.9762	116.7144	-245.0	390	QA1	0	0	0	0	60	29.9	1996	65	149	157	2.292	0.949	0.414	10.4	23.88
2982	40.9762	116.7138	-243.4	388	QA1	0	0	0	0	45	29.9	1960	78	54	195	0.692	0.277	0.400	10.4	23.89
2983	40.9762	116.7132	-243.0	388	QA1	0	0	0	0	50	29.9	1986	55	151	162	2.745	0.932	0.340	10.4	23.87
2984	40.9762	116.7126	-240.4	389	QA1	0	0	0	0	54	26.7	1980	59	67	207	1.136	0.324	0.285	10.4	23.88
2985	40.9763	116.7120	-239.8	389	QA1	0	0	0	0	53	26.7	1943	76	79	165	1.039	0.479	0.461	10.4	23.89
2986	40.9763	116.7114	-236.7	390	QA1	0	0	0	0	51	26.7	2014	54	117	189	2.167	0.619	0.286	10.4	23.88
2987	40.9763	116.7108	-233.5	389	QA1	0	0	0	0	53	26.7	2024	67	113	169	1.687	0.669	0.396	10.3	23.87
2988	40.9763	116.7102	-230.9	387	QA1	0	0	0	0	68	26.6	1859	56	81	181	1.446	0.448	0.309	10.3	23.84
2989	40.9763	116.7096	-232.1	389	QA1	0	0	0	0	50	26.7	2019	50	139	167	2.780	0.832	0.299	10.4	23.86
2990	40.9763	116.7090	-234.7	384	QA1	0	0	0	0	50	26.6	1867	47	91	177	1.936	0.514	0.266	10.4	23.86
2991	40.9763	116.7084	-239.4	381	QA1	0	0	0	0	40	26.5	2003	61	162	173	2.656	0.936	0.353	10.4	23.87
2992	40.9763	116.7078	-239.7	384	QA1	0	0	0	0	52	26.6	2010	64	129	174	2.016	0.741	0.368	10.3	23.87
2993	40.9763	116.7072	-243.6	388	QA1	0	0	0	0	60	26.6	1947	50	131	172	2.620	0.762	0.291	10.3	23.86
2994	40.9763	116.7066	-245.2	393	QA1	0	0	0	0	41	26.7	1924	73	39	236	0.534	0.165	0.309	10.3	23.86
2995	40.9763	116.7060	-247.1	393	QA1	0	0	0	0	52	26.7	1922	52	114	177	2.192	0.644	0.294	10.3	23.85
2996	40.9763	116.7054	-251.2	389	QA1	0	0	0	0	48	26.6	1896	70	50	209	0.714	0.239	0.335	10.3	23.85
2997	40.9763	116.7048	-256.1	395	QA1	0	0	0	0	42	26.8	1966	60	95	197	1.583	0.482	0.305	10.3	23.86
2998	40.9763	116.7042	-259.7	401	QA1	0	0	0	0	58	26.8	2002	67	130	178	1.940	0.730	0.376	10.3	23.84
2999	40.9763	116.7036	-264.3	403	QA1	0	0	0	0	51	26.9	2037	62	117	198	1.887	0.591	0.313	10.3	23.85
3000	40.9763	116.7030	-268.2	401	QA1	0	0	0	0	39	26.8	2041	56	135	185	2.411	0.730	0.303	10.3	23.85
3001	40.9763	116.7024	-269.3	401	QA1	0	0	0	0	57	26.8	2107	64	122	201	1.906	0.607	0.318	10.4	23.87
3002	40.9763	116.7018	-271.2	398	QA1	0	0	0	0	40	26.8	2119	60	219	145	3.650	1.510	0.414	10.4	23.88
3003	40.9764	116.7012	-270.9	395	QA1	0	0	0	0	50	26.1	2059	61	117	197	1.918	0.594	0.310	10.5	23.88
3004	40.9764	116.7006	-269.8	391	QA1	0	0	0	0	50	26.0	2121	64	172	177	2.688	0.972	0.362	10.4	23.89
3005	40.9764	116.7000	-268.9	392	QA1	0	0	0	0	44	26.1	2121	68	88	243	1.294	0.362	0.280	10.4	23.87
3006	40.9764	116.6994	-267.8	390	QA1	0	0	0	0	39	26.0	2090	58	121	208	2.086	0.582	0.279	10.5	23.86
3007	40.9764	116.6988	-267.2	391	QA1	0	0	0	0	60	26.0	1967	57	137	126	2.404	1.087	0.452	10.5	23.88
3008	40.9764	116.6982	-263.6	388	QA1	0	0	0	0	52	26.0	1975	68	100	179	1.471	0.559	0.380	10.5	23.91
3009	40.9764	116.6976	-262.3	386	QA1	0	0	0	0	51	26.0	1863	53	100	185	1.887	0.541	0.286	10.5	23.89
3010	40.9764	116.6970	-257.9	380	QA1	0	0	0	0	48	25.9	1917	51	89	215	1.745	0.414	0.237	10.5	23.89
3011	40.9764	116.6964	-257.3	377	QA1	0	0	0	0	46	25.8	1911	55	129	170	2.345	0.759	0.324	10.5	23.89
3012	40.9764	116.6958	-254.0	373	QA1	0	0	0	0	43	25.8	1920	83	93	137	1.120	0.679	0.606	10.5	23.88
3013	40.9764	116.6952	-249.6	370	QA1	0	0	0	0	40	25.7	1945	57	107	193	1.877	0.554	0.295	10.5	23.89
3014	40.9764	116.6946	-246.3	365	QA1	0	0	0	0	61	25.6	1979	65	81	206	1.246	0.393	0.316	10.5	23.88
3015	40.9764	116.6940	-243.3	359	QA1	0	0	0	0	36	25.5	1979	63	64	238	1.016	0.269	0.265	10.5	23.89
3016	40.9764	116.6934	-243.4	354	QA1	0	0	0	0	53	25.5	1966	66	92	176	1.394	0.523	0.375	10.5	23.87
3017	40.9764	116.6928	-240.6	355	QA1	0	0	0	0	61	25.5	1996	70	94	166	1.343	0.566	0.422	10.4	23.87
3018	40.9764	116.6922	-240.1	362	QA1	0	0	1	0	40	25.6	2009	98	0	208	0.010	0.005	0.471	10.4	23.89
3019	40.9764	116.6916	-238.5	368	QA1	0	0	0	0	48	25.7	1982	82	67	173	0.817	0.387	0.474	10.5	23.87
3020	40.9765	116.6910	-238.9	363	QA1	0	0	0	0	49	25.6	1975	52	140	178	2.692	0.787	0.292	10.5	23.88
3021	40.9765	116.6904	-238.0	370	QA1	0	0	0	0	52	25.7	1940	57	106	194	1.860	0.546	0.294	10.5	23.88
3022	40.9765	116.6898	-236.3	376	QA1	0	0	0	0	40	26.5	2001	73	103	173	1.411	0.595	0.422	10.4	23.86
3023	40.9765	116.6892	-235.5	376	QA1	0	0	0	0	59	26.5	1978	69	73	200	1.058	0.365	0.345	10.5	23.86
3024	40.9765	116.6886	-234.3	379	QA1	0	0	0	0	46	26.6	1982	79	69	211	0.873	0.327	0.374	10.5	23.86
3025	40.9765	116.6880	-234.4	384	QA1	0	0	0	0	64	26.7	2069	67	119	195	1.776	0.610	0.344	10.5	23.88
3026	40.9765	116.6874	-234.8	384	QA1	0	0	0	0	58	26.7	2070	79	72	221	0.911	0.326	0.357	10.5	23.87
3027	40.9765	116.6868	-234.6	387	QA1	0	0	0	0	46	26.7	1988	45	157	174	3.489	0.902	0.259	10.5	23.87
3028	40.9765	116.6862	-233.5	389	QA1	0	0	0	0	39	26.8	2037	53	129	207	2.434	0.623	0.256	10.5	23.87
3029	40.9765	116.6856	-232.3	390	QA1	0	0	0	0	44	26.8	2056	66	132	176	2.000	0.750	0.375	10.5	23.85
3030	40.9764	116.6850	-231.0	380	TS5	0	0	0	0	44	26.6	2008	61	136	187	2.230	0.727	0.326	10.4	23.87
3031	40.9764	116.6844	-229.3	369	TS5	0	0	0	0	42	26.4	1933	48	183	131	3.813	1.397	0.366	10.5	23.87
3032	40.9764	116.6838	-227.6	377	TS5	0	0	0	0	54	26.6	1964	62	80	201	1.290	0.398	0.308	10.5	23.86
3033	40.9764	116.6832	-226.6	388	TS5	0	0	0	0	51	26.7	1928	49	145	141	2.959	1.028	0.348	10.5	23.85

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3034	40.9764	116.6826	-224.6	374	TS5	0	0	0	0	55	26.5	1917	48	155	138	3.229	1.123	0.348	10.5	23.85
3035	40.9764	116.6820	-222.8	360	TS5	0	0	0	0	57	26.3	1929	64	66	211	1.031	0.313	0.303	10.5	23.85
3036	40.9764	116.6814	-221.8	351	TS5	0	0	0	0	56	26.1	1898	50	145	150	2.900	0.967	0.333	10.5	23.85
3037	40.9764	116.6808	-220.9	356	QOA2	0	0	0	0	42	26.2	2011	70	80	189	1.143	0.423	0.370	10.5	23.85
3038	40.9764	116.6802	-221.2	358	QOA2	0	0	0	0	36	26.3	1979	56	146	182	2.607	0.802	0.308	10.5	23.84
3039	40.9764	116.6796	-222.8	362	QOA2	0	0	0	0	51	26.3	1949	56	99	176	1.768	0.563	0.318	10.5	23.81
3040	40.9764	116.6790	-225.0	363	QOA2	0	0	0	0	49	26.3	1988	66	110	176	1.667	0.625	0.375	10.4	23.81
3041	40.9764	116.6785	-225.1	359	QOA2	0	0	0	0	62	25.5	1997	53	132	177	2.491	0.746	0.299	10.3	23.81
3042	40.9764	116.6779	-228.4	365	QOA2	0	0	0	0	58	25.6	1969	57	133	173	2.333	0.769	0.329	10.4	23.81
3043	40.9764	116.6773	-229.0	373	QOA2	0	0	0	0	42	25.7	2011	80	101	188	1.263	0.537	0.426	10.3	23.80
3044	40.9764	116.6767	-230.0	382	QOA2	0	0	0	0	54	25.8	1992	67	94	189	1.403	0.497	0.354	10.3	23.78
3045	40.9764	116.6761	-230.2	381	QOA2	0	0	0	0	51	25.8	1988	76	107	161	1.408	0.665	0.472	10.3	23.79
3046	40.9763	116.6755	-229.8	376	QOA2	0	0	0	0	53	25.7	1972	56	69	233	1.232	0.296	0.240	10.3	23.77
3047	40.9763	116.6749	-229.2	383	QOA2	0	0	0	0	53	25.8	2079	65	83	225	1.277	0.369	0.289	10.3	23.79
3048	40.9763	116.6743	-229.3	384	QOA2	0	0	0	0	44	25.9	2025	68	85	233	1.250	0.365	0.292	10.3	23.79
3049	40.9763	116.6737	-228.9	387	QOA2	0	0	0	0	37	25.9	2073	64	134	151	2.094	0.887	0.424	10.3	23.79
3050	40.9763	116.6731	-227.9	393	QOA2	0	0	0	0	44	26.0	1964	68	92	180	1.353	0.511	0.378	10.3	23.79
3051	40.9763	116.6725	-227.1	392	QOA2	0	0	0	0	38	26.0	1968	70	80	165	1.143	0.485	0.424	10.3	23.79
3052	40.9763	116.6719	-225.7	390	QOA2	0	0	0	0	51	26.0	2146	64	127	246	1.984	0.516	0.260	10.3	23.79
3053	40.9763	116.6713	-225.1	389	QOA2	0	0	0	0	36	25.9	2022	49	157	191	3.204	0.822	0.257	10.3	23.78
3054	40.9763	116.6707	-224.8	383	QOA2	0	0	0	0	49	25.9	1963	61	136	187	2.230	0.727	0.326	10.3	23.78
3055	40.9763	116.6701	-225.9	382	QOA2	0	0	0	0	43	25.8	1985	71	77	184	1.085	0.418	0.386	10.3	23.79
3056	40.9763	116.6695	-227.3	375	QOA2	0	0	0	0	43	25.7	2043	74	183	143	2.473	1.280	0.517	10.2	23.78
3057	40.9763	116.6689	-228.3	369	QOA2	0	0	0	0	59	25.6	1938	48	158	176	3.292	0.898	0.273	10.2	23.79
3058	40.9763	116.6684	-228.9	365	QOA2	0	0	0	0	57	25.6	1988	65	144	166	2.215	0.867	0.392	10.1	23.76
3059	40.9763	116.6678	-230.2	374	QOA2	0	0	0	0	43	25.7	2024	59	86	217	1.458	0.396	0.272	10.2	23.78
3060	40.9763	116.6672	-229.8	379	QOA2	0	0	0	0	53	28.9	1930	59	135	145	2.288	0.931	0.407	10.1	23.75
3061	40.9763	116.6666	-229.7	382	QOA2	0	0	0	0	55	28.9	1997	60	127	184	2.117	0.690	0.326	10.1	23.77
3062	40.9762	116.6660	-228.8	384	QOA2	0	0	0	0	49	28.9	1980	71	66	213	0.930	0.310	0.333	10.1	23.76
3063	40.9762	116.6654	-228.2	377	QOA2	0	0	0	0	44	28.8	2046	54	175	199	3.241	0.879	0.271	10.0	23.75
3064	40.9762	116.6648	-229.6	375	QOA2	0	0	0	0	49	28.8	1950	75	109	146	1.453	0.747	0.514	10.0	23.77
3065	40.9762	116.6642	-232.4	387	QOA2	0	0	0	0	55	29.0	2030	57	147	171	2.579	0.860	0.333	10.0	23.78
3066	40.9762	116.6636	-236.0	387	QOA2	0	0	0	0	53	29.0	2052	76	84	180	1.105	0.467	0.422	10.1	23.78
3067	40.9762	116.6630	-240.6	393	QOA2	0	0	0	0	46	29.1	2078	49	132	216	2.694	0.611	0.227	10.0	23.78
3068	40.9762	116.6624	-244.3	412	QOA2	0	0	0	0	48	29.4	2047	51	133	177	2.608	0.751	0.288	10.0	23.79
3069	40.9762	116.6618	-247.6	420	QOA2	0	0	0	0	47	29.6	2033	59	138	187	2.339	0.738	0.316	10.0	23.77
3070	40.9762	116.6612	-250.1	428	QOA2	0	0	1	0	45	29.7	2054	83	1	242	0.012	0.004	0.343	10.0	23.79
3071	40.9762	116.6606	-249.5	435	QOA2	0	0	0	0	56	29.8	2228	70	64	255	0.914	0.251	0.275	10.0	23.79
3072	40.9762	116.6600	-250.8	439	QOA2	0	0	0	0	57	29.9	2127	71	94	239	1.324	0.393	0.297	10.1	23.77
3073	40.9762	116.6594	-249.4	439	QOA2	0	0	0	0	40	29.9	2163	59	162	201	2.746	0.806	0.294	10.0	23.78
3074	40.9762	116.6588	-249.6	435	QOA2	0	0	0	0	46	29.8	2128	82	111	169	1.354	0.657	0.485	10.0	23.77
3075	40.9762	116.6583	-247.5	432	QOA2	0	0	0	0	43	29.7	2197	60	169	220	2.817	0.768	0.273	10.0	23.78
3076	40.9762	116.6577	-247.7	424	QOA2	0	0	0	0	47	29.6	2242	85	94	221	1.106	0.425	0.385	10.0	23.80
3077	40.9762	116.6571	-246.3	421	QOA2	0	0	0	0	37	29.6	2182	97	119	179	1.227	0.665	0.542	10.0	23.77
3078	40.9761	116.6565	-245.2	422	QOA2	0	0	0	0	47	29.6	2352	70	144	204	2.057	0.706	0.343	10.0	23.77
3079	40.9761	116.6559	-244.1	423	QOA2	0	0	0	0	41	28.1	2263	100	182	148	1.820	1.230	0.676	10.0	23.76
3080	40.9761	116.6553	-243.7	420	QOA2	0	0	0	0	55	28.1	2249	70	105	228	1.500	0.461	0.307	9.9	23.77
3081	40.9761	116.6547	-243.5	406	QOA2	0	0	0	0	46	27.9	2171	65	109	191	1.677	0.571	0.340	10.0	23.75
3082	40.9761	116.6541	-241.8	406	QOA2	0	0	0	0	46	27.9	2067	64	131	176	2.047	0.744	0.364	9.9	23.77
3083	40.9761	116.6535	-241.2	411	QOA2	0	0	0	0	47	28.0	2093	65	80	224	1.231	0.357	0.290	9.9	23.77
3084	40.9761	116.6529	-239.5	417	QOA2	0	0	0	0	47	28.1	2104	48	121	214	2.521	0.565	0.224	9.9	23.76
3085	40.9761	116.6523	-237.6	417	QOA2	0	0	0	0	46	28.0	1968	71	72	194	1.014	0.371	0.366	10.0	23.75
3086	40.9761	116.6517	-235.8	415	QOA2	0	0	0	0	54	28.0	2047	67	125	176	1.866	0.710	0.381	9.9	23.76
3087	40.9761	116.6511	-233.9	415	QOA2	0	0	0	0	54	28.0	2089	75	146	172	1.947	0.849	0.436	9.9	23.76

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3088	40.9761	116.6505	-231.6	408	QOA2	0	0	0	0	41	27.9	2037	43	207	129	4.814	1.605	0.333	10.0	23.76
3089	40.9761	116.6499	-231.0	406	QOA2	0	0	0	0	42	27.9	2059	59	111	204	1.881	0.544	0.289	10.0	23.78
3090	40.9761	116.6493	-229.6	401	QA1	0	0	0	0	63	27.8	2012	68	113	163	1.662	0.693	0.417	10.0	23.77
3091	40.9761	116.6487	-228.8	392	QA1	0	0	0	0	41	27.6	1909	59	122	154	2.068	0.792	0.383	10.0	23.77
3092	40.9761	116.6482	-226.8	381	QA1	0	0	0	0	49	27.5	1917	61	54	223	0.885	0.242	0.274	10.0	23.77
3093	40.9760	116.6476	-223.2	373	QA1	0	0	1	0	47	27.3	1881	87	26	176	0.299	0.148	0.494	10.1	23.79
3094	40.9760	116.6470	-222.2	368	QA1	0	0	0	0	33	27.2	1869	56	153	143	2.732	1.070	0.392	10.1	23.79
3095	40.9760	116.6464	-222.1	363	QA1	0	0	0	0	44	27.1	1898	52	112	190	2.154	0.589	0.274	10.0	23.77
3096	40.9760	116.6458	-224.9	367	QA1	0	0	0	0	64	27.2	1865	56	131	131	2.339	1.000	0.427	10.0	23.80
3097	40.9760	16.6452	-223.7	377	QA1	0	0	0	0	39	27.4	2000	70	94	201	1.343	0.468	0.348	10.0	23.78
3098	40.9760	116.6446	-224.8	385	QA1	0	0	0	0	51	28.2	1926	58	108	189	1.862	0.571	0.307	10.0	23.79
3099	40.9760	116.6440	-224.8	390	QA1	0	0	0	0	63	28.3	1938	71	79	183	1.113	0.432	0.388	9.9	23.77
3100	40.9760	116.6434	-225.4	393	QA1	0	0	0	0	42	28.4	1898	52	131	184	2.519	0.712	0.283	9.9	23.76
3101	40.9760	116.6428	-225.6	393	QA1	0	0	0	0	57	28.4	1844	41	172	159	4.195	1.082	0.258	9.9	23.76
3102	40.9760	116.6422	-224.9	393	QA1	0	0	0	0	46	28.4	2006	63	97	177	1.540	0.548	0.356	9.8	23.75
3103	40.9760	116.6416	-225.1	392	QA1	0	0	0	0	63	28.3	1962	60	63	210	1.050	0.300	0.286	9.8	23.74
3104	40.9760	116.6410	-225.0	392	QA1	0	0	0	0	47	28.4	1941	48	180	133	3.750	1.353	0.361	9.8	23.74
3105	40.9760	116.6404	-225.6	390	QA1	0	0	0	0	54	28.3	1956	69	50	176	0.725	0.284	0.392	9.8	23.73
3106	40.9760	116.6398	-225.0	382	QA1	0	0	0	0	36	28.2	1918	61	136	174	2.230	0.782	0.351	9.9	23.76
3107	40.9760	116.6392	-223.8	369	QA1	0	0	0	0	51	28.0	1912	39	155	152	3.974	1.020	0.257	9.8	23.74
3108	40.9760	116.6386	-222.8	353	QA1	0	0	1	0	59	27.7	1858	75	13	182	0.173	0.071	0.412	9.8	23.72
3109	40.9759	116.6381	-220.3	340	QA1	0	0	0	0	53	27.4	1814	55	98	158	1.782	0.620	0.348	9.8	23.74
3110	40.9759	116.6375	-220.4	337	QA1	0	0	0	0	39	27.4	1835	70	143	114	2.043	1.254	0.614	9.8	23.76
3111	40.9759	116.6369	-218.3	340	QA1	0	0	0	0	40	27.4	1877	55	77	203	1.400	0.379	0.271	9.8	23.77
3112	40.9759	116.6363	-218.9	343	QA1	0	0	0	0	53	27.5	1855	63	42	189	0.667	0.222	0.333	9.7	23.75
3113	40.9759	116.6357	-218.4	350	QA1	0	0	0	0	54	27.6	1835	53	126	143	2.377	0.881	0.371	9.8	23.75
3114	40.9759	116.6351	-220.7	358	QA1	0	0	0	0	38	27.8	1773	65	105	146	1.615	0.719	0.445	9.7	23.73
3115	40.9759	116.6345	-219.8	367	QOA2	0	0	0	0	60	27.9	1870	46	86	184	1.870	0.467	0.250	9.8	23.72
3116	40.9759	116.6339	-220.1	371	QOA2	0	0	0	0	53	28.0	1842	62	93	191	1.500	0.487	0.325	9.7	23.73
3117	40.9759	116.6333	-219.5	371	QOA2	0	0	0	0	52	27.0	1822	56	112	172	2.000	0.651	0.326	9.7	23.74
3118	40.9759	116.6327	-218.6	373	QOA2	0	0	0	0	64	27.0	1847	71	66	129	0.930	0.512	0.550	9.7	23.72
3119	40.9759	116.6321	-218.7	374	QOA2	0	0	0	0	46	27.0	1800	73	102	123	1.397	0.829	0.593	9.7	23.73
3120	40.9759	116.6315	-217.6	377	QOA2	0	0	0	0	39	27.1	1876	73	52	173	0.712	0.301	0.422	9.7	23.72
3121	40.9759	116.6309	-216.9	383	QOA2	0	0	0	0	33	27.2	1879	71	34	194	0.479	0.175	0.366	9.7	23.71
3122	40.9759	116.6303	-217.0	387	QOA2	0	0	0	0	51	27.2	1807	67	37	194	0.552	0.191	0.345	9.7	23.73
3123	40.9759	116.6297	-216.6	394	QOA2	0	0	0	0	66	27.3	1868	48	152	121	3.167	1.256	0.397	9.7	23.73
3124	40.9759	116.6291	-215.9	397	QOA2	0	0	0	0	54	27.4	1858	54	107	163	1.981	0.656	0.331	9.7	23.68
3125	40.9758	116.6285	-215.5	403	QOA2	0	0	0	0	57	27.5	1873	59	102	148	1.729	0.689	0.399	9.7	23.67
3126	40.9758	116.6280	-214.1	406	QOA2	0	0	0	0	52	27.5	1872	55	153	131	2.782	1.168	0.420	9.7	23.70
3127	40.9758	116.6274	-214.2	406	QOA2	0	0	0	0	51	27.5	1841	56	97	169	1.732	0.574	0.331	9.7	23.72
3128	40.9758	116.6268	-212.6	405	QOA2	0	0	0	0	63	27.5	1816	40	96	184	2.400	0.522	0.217	9.7	23.71
3129	40.9758	116.6262	-210.0	401	QOA2	0	0	0	0	56	27.5	1879	63	92	166	1.460	0.554	0.380	9.6	23.69
3130	40.9758	116.6256	-208.6	398	QOA2	0	0	0	0	57	27.4	1886	50	112	148	2.240	0.757	0.338	9.6	23.69
3131	40.9758	116.6250	-207.0	397	QOA2	0	0	0	0	48	27.4	1889	62	93	157	1.500	0.592	0.395	9.6	23.69
3132	40.9758	116.6244	-205.4	393	QOA2	0	0	0	0	55	27.3	1858	66	80	140	1.212	0.571	0.471	9.6	23.70
3133	40.9758	116.6238	-204.9	390	QOA2	0	0	0	0	48	27.3	1922	50	134	190	2.680	0.705	0.263	9.5	23.68
3134	40.9758	116.6232	-204.5	388	QOA2	0	0	0	0	55	27.2	1896	71	83	177	1.169	0.469	0.401	9.5	23.70
3135	40.9758	116.6226	-204.1	387	QOA2	0	0	0	0	48	27.2	1886	64	71	177	1.109	0.401	0.362	9.5	23.69
3136	40.9758	116.6220	-202.3	385	QOA2	0	0	0	0	46	29.9	1895	71	84	154	1.183	0.545	0.461	9.4	23.68
3137	40.9758	116.6214	-200.9	383	QOA2	0	0	0	0	61	29.9	1918	58	84	194	1.448	0.433	0.299	9.4	23.67
3138	40.9758	116.6208	-198.8	381	QOA2	0	0	0	0	64	29.8	1836	68	110	130	1.618	0.846	0.523	9.4	23.70
3139	40.9758	116.6202	-197.9	379	QOA2	0	0	0	0	47	29.8	1946	78	81	173	1.038	0.468	0.451	9.4	23.68
3140	40.9758	116.6196	-197.3	379	TS5	0	0	0	0	47	29.8	1840	51	111	179	2.176	0.620	0.285	9.4	23.68
3141	40.9757	116.6190	-197.2	377	TS5	0	0	0	0	39	29.7	1865	55	152	152	2.764	1.000	0.362	9.3	23.68

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3142	40.9757	116.6184	-196.8	376	TS5	0	0	0	0	40	29.7	1831	48	168	121	3.500	1.388	0.397	9.3	23.66
3143	40.9757	116.6179	-194.5	376	TS5	0	0	0	0	59	29.7	1869	47	94	169	2.000	0.556	0.278	9.2	23.65
3144	40.9757	116.6173	-194.6	374	TS5	0	0	0	0	62	29.7	1866	57	73	195	1.281	0.374	0.292	9.2	23.67
3145	40.9757	116.6167	-193.5	375	TS5	0	0	0	0	53	29.7	1753	43	101	171	2.349	0.591	0.251	9.2	23.67
3146	40.9757	116.6161	-192.8	375	TS5	0	0	0	0	36	29.7	1978	50	203	138	4.060	1.471	0.362	9.1	23.66
3147	40.9757	116.6155	-194.0	376	TS5	0	0	0	0	40	29.7	1858	70	112	140	1.600	0.800	0.500	9.2	23.66
3148	40.9757	116.6149	-194.1	376	TS5	0	0	0	0	46	29.7	1861	45	117	173	2.600	0.676	0.260	9.2	23.64
3149	40.9757	116.6143	-195.0	376	TS5	0	0	0	0	70	29.7	1821	66	100	128	1.515	0.781	0.516	9.2	23.66
3150	40.9757	116.6137	-196.1	378	TS5	0	0	0	0	54	29.8	1853	38	158	158	4.158	1.000	0.241	9.1	23.64
3151	40.9757	116.6131	-196.7	382	TS5	0	0	0	0	47	29.8	1830	34	195	164	5.735	1.189	0.207	9.1	23.63
3152	40.9757	116.6125	-197.7	387	TS5	0	0	0	0	53	29.9	1869	37	154	134	4.162	1.149	0.276	9.1	23.64
3153	40.9757	116.6119	-199.8	392	TS5	0	0	0	0	49	30.0	1811	54	84	177	1.556	0.475	0.305	9.1	23.61
3154	40.9757	116.6113	-201.2	396	TS5	0	0	0	0	55	30.1	1767	49	76	151	1.551	0.503	0.325	8.9	23.61
3155	40.9757	116.6107	-203.8	399	TS5	0	0	0	0	45	30.6	1775	58	84	148	1.448	0.568	0.392	8.9	23.63
3156	40.9756	116.6101	-205.6	402	TS5	0	0	0	0	51	30.6	1790	48	100	149	2.083	0.671	0.322	8.8	23.62
3157	40.9756	116.6095	-209.2	405	TS5	0	0	0	0	40	30.7	1759	53	85	132	1.604	0.644	0.402	8.8	23.63
3158	40.9756	116.6089	-210.8	407	TS5	0	0	0	0	48	30.7	1722	58	75	155	1.293	0.484	0.374	8.6	23.63
3159	40.9756	116.6083	-213.2	408	TS5	0	0	0	0	54	30.7	1714	49	36	197	0.735	0.183	0.249	8.4	23.61
3160	40.9756	116.6078	-214.8	413	TS5	0	0	0	0	63	30.8	1592	34	67	158	1.971	0.424	0.215	8.3	23.60
3161	40.9756	116.6072	-215.4	418	TS5	0	0	0	0	55	30.9	1593	42	92	115	2.190	0.800	0.365	8.2	23.60
3162	40.9756	116.6066	-215.7	423	TS5	0	0	0	0	54	31.0	1609	38	76	137	2.000	0.555	0.277	8.0	23.61
3163	40.9756	116.6060	-216.4	419	TS5	0	0	0	0	50	30.9	1597	42	68	117	1.619	0.581	0.359	7.8	23.59
3164	40.9756	116.6054	-218.5	415	TS5	0	0	0	0	63	30.8	1638	39	127	93	3.256	1.366	0.419	7.7	23.59
3165	40.9756	116.6048	-217.7	414	TS5	0	0	0	0	56	30.8	1749	59	148	99	2.508	1.495	0.596	7.7	23.61
3166	40.9756	116.6042	-219.1	409	TS5	0	0	0	0	45	30.7	1778	48	115	146	2.396	0.788	0.329	7.5	23.60
3167	40.9756	116.6036	-218.7	404	TS5	0	0	0	0	61	30.6	1746	51	82	131	1.608	0.626	0.389	7.4	23.60
3168	40.9756	116.6030	-214.9	402	TS5	0	0	0	0	44	30.6	1817	66	47	187	0.712	0.251	0.353	7.3	23.61
3169	40.9756	116.6024	-220.0	399	TS5	0	0	0	0	42	30.5	1756	52	116	146	2.231	0.795	0.356	7.2	23.60
3170	40.9756	116.6018	-219.2	395	QOA2	0	0	0	0	46	30.5	1856	35	151	147	4.314	1.027	0.238	7.1	23.59
3171	40.9756	116.6012	-214.3	393	QOA2	0	0	0	0	48	30.4	1827	58	144	131	2.483	1.099	0.443	7.0	23.61
3172	40.9755	116.6006	-218.7	388	QOA2	0	0	0	0	49	30.4	1805	55	32	177	0.582	0.181	0.311	6.9	23.61
3173	40.9755	116.6000	-219.3	391	QOA2	0	0	0	0	53	30.4	1801	50	107	164	2.140	0.652	0.305	6.8	23.61
3174	40.9755	116.5994	-216.7	391	QOA2	0	0	0	0	46	30.2	1838	48	109	167	2.271	0.653	0.287	6.8	23.61
3175	40.9755	116.5988	-216.1	390	QOA2	0	0	0	0	45	30.1	1784	45	90	162	2.000	0.556	0.278	6.7	23.62
3176	40.9755	116.5982	-222.2	386	QOA2	0	0	0	0	52	30.1	1850	64	97	146	1.516	0.664	0.438	6.6	23.61
3177	40.9755	116.5977	-214.7	380	QOA2	0	0	0	0	56	30.0	1781	70	98	125	1.400	0.784	0.560	6.6	23.61
3178	40.9755	116.5971	-211.3	374	QOA2	0	0	0	0	54	29.8	1769	42	141	123	3.357	1.146	0.341	6.6	23.61
3179	40.9755	116.5965	-205.0	372	QOA2	0	0	0	0	62	29.8	1847	45	72	176	1.600	0.409	0.256	6.6	23.62
3180	40.9755	116.5959	-207.4	365	QOA2	0	0	0	0	39	29.7	1759	50	93	172	1.860	0.541	0.291	6.5	23.63
3181	40.9755	116.5953	-208.6	362	QOA2	0	0	0	0	42	29.6	1836	60	115	151	1.917	0.762	0.397	6.5	23.61
3182	40.9755	116.5947	-204.7	367	QOA2	0	0	0	0	55	29.7	1861	65	134	128	2.062	1.047	0.508	6.5	23.61
3183	40.9755	116.5941	-201.0	370	QOA2	0	0	0	0	54	29.8	1827	62	102	148	1.645	0.689	0.419	6.5	23.60
3184	40.9755	116.5935	-202.4	373	QOA2	0	0	0	0	47	29.8	1804	51	110	147	2.157	0.748	0.347	6.4	23.59
3185	40.9755	116.5929	-206.6	383	TVU	0	0	0	0	53	30.0	1788	50	69	173	1.380	0.399	0.289	6.5	23.58
3186	40.9755	116.5923	-197.2	391	TVU	0	0	0	0	51	30.2	1901	62	122	154	1.968	0.792	0.403	6.4	23.59
3187	40.9755	116.5917	-202.8	390	TVU	0	0	0	0	37	30.1	1829	56	43	206	0.768	0.209	0.272	6.4	23.58
3188	40.9754	116.5911	-203.3	385	TVU	0	0	0	0	44	30.0	1840	71	93	151	1.310	0.616	0.470	6.4	23.59
3189	40.9754	116.5905	-198.4	387	TVU	0	0	0	0	48	30.1	1908	40	109	215	2.725	0.507	0.186	6.4	23.58
3190	40.9754	116.5899	-201.5	392	TVU	0	0	0	0	41	30.2	1819	60	113	135	1.883	0.837	0.444	6.4	23.58
3191	40.9754	116.5893	-201.8	399	TVU	0	0	0	0	40	30.3	1845	51	54	200	1.059	0.270	0.255	6.4	23.58
3192	40.9754	116.5887	-199.6	404	TVU	0	0	0	0	44	30.4	1905	48	145	150	3.021	0.967	0.320	6.5	23.59
3193	40.9754	116.5881	-194.5	397	TVU	0	0	0	0	64	31.2	1783	50	100	155	2.000	0.645	0.323	6.4	23.57
3194	40.9754	116.5876	-204.0	392	TVU	0	0	0	0	58	31.1	1828	28	175	154	6.250	1.136	0.182	6.4	23.57
3195	40.9754	116.5870	-193.9	385	TVU	0	0	0	0	48	31.0	1818	71	68	171	0.958	0.398	0.415	6.4	23.56

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	DIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3196	40.9754	116.5864	-191.1	375	TVU	0	0	0	0	47	30.8	1753	49	85	156	1.735	0.545	0.314	6.5	23.57
3197	40.9754	116.5858	-190.3	367	TVU	0	0	0	0	54	30.7	1758	53	85	137	1.604	0.620	0.387	6.5	23.57
3198	40.9754	116.5852	-188.6	377	TVU	0	0	0	0	53	30.8	1810	60	99	148	1.650	0.669	0.405	6.5	23.54
3199	40.9754	116.5846	-183.6	385	TVU	0	0	0	0	50	31.0	1822	42	118	157	2.810	0.752	0.268	6.5	23.56
3200	40.9754	116.5840	-184.5	393	TVU	0	0	0	0	43	31.2	1843	49	138	138	2.816	1.000	0.355	6.5	23.52
3201	40.9754	116.5834	-182.5	399	TVU	0	0	0	0	53	31.3	1828	47	166	99	3.532	1.677	0.475	6.5	23.54
3202	40.9754	116.5828	-180.9	403	TVU	0	0	0	0	59	31.3	1811	55	95	128	1.727	0.742	0.430	6.6	23.54
3203	40.9754	116.5822	-178.0	400	TVU	0	0	0	0	45	31.3	1836	50	108	162	2.160	0.667	0.309	6.6	23.53
3204	40.9753	116.5816	-176.1	400	TVU	0	0	0	0	54	31.3	1817	59	107	144	1.814	0.743	0.410	6.6	23.52
3205	40.9753	116.5810	-174.7	403	TVU	0	0	0	0	53	31.3	1837	44	103	178	2.341	0.579	0.247	6.7	23.51
3206	40.9753	116.5804	-170.9	401	TVU	0	0	0	0	48	31.3	1758	37	146	122	3.946	1.197	0.303	6.6	23.50
3207	40.9753	116.5798	-168.6	392	TVU	0	0	0	0	50	31.1	1622	48	45	138	0.938	0.326	0.348	6.7	23.51
3208	40.9753	116.5792	-165.7	366	TVU	0	0	0	0	43	30.7	1583	48	104	90	2.167	1.156	0.533	6.7	23.51
3209	40.9753	116.5786	-163.2	314	TVU	0	0	0	0	57	29.6	1458	47	120	80	2.553	1.500	0.587	6.8	23.51
3210	40.9753	116.5780	-159.7	298	TVU	0	0	0	0	46	29.3	1501	39	119	113	3.051	1.053	0.345	6.8	23.50
3211	40.9753	116.5775	-159.4	291	TVU	0	0	0	0	39	29.2	1477	40	97	128	2.425	0.758	0.313	6.8	23.50
3212	40.9753	116.5769	-159.5	290	TVU	0	0	0	0	56	29.9	1548	32	128	133	4.000	0.962	0.241	6.9	23.50
3213	40.9753	116.5763	-159.5	312	TVU	0	0	0	0	50	30.3	1621	45	90	147	2.000	0.612	0.306	7.0	23.53
3214	40.9753	116.5757	-156.1	317	TVU	0	0	0	0	65	30.4	1666	54	117	108	2.167	1.083	0.500	7.0	23.47
3215	40.9753	116.5751	-156.7	316	TVU	0	0	0	0	55	30.4	1574	51	55	133	1.078	0.414	0.383	7.0	23.46
3216	40.9753	116.5745	-156.2	332	TVU	0	0	0	0	64	30.7	1656	50	130	98	2.600	1.327	0.510	7.1	23.46
3217	40.9753	116.5739	-154.3	364	TVU	0	0	0	0	49	31.4	1694	36	58	158	1.611	0.367	0.228	7.1	23.45
3218	40.9753	116.5733	-154.8	385	TVU	0	0	0	0	60	31.8	1759	41	147	116	3.585	1.267	0.353	7.1	23.44
3219	40.9752	116.5727	-154.8	396	TVU	0	0	0	0	39	32.0	1752	57	100	121	1.754	0.826	0.471	7.1	23.41
3220	40.9752	116.5721	-154.6	403	TVU	0	0	0	0	48	32.1	1705	46	131	134	2.848	0.978	0.343	7.2	23.41
3221	40.9752	116.5715	-150.9	417	TVU	0	0	0	0	46	32.4	1708	47	126	135	2.681	0.933	0.348	7.3	23.42
3222	40.9752	116.5709	-152.4	433	TVU	0	0	0	0	61	32.7	1738	37	192	55	5.189	3.491	0.673	7.3	23.39
3223	40.9752	116.5703	-152.6	442	TVU	0	0	0	0	61	32.8	1774	60	85	108	1.417	0.787	0.556	7.3	23.39
3224	40.9752	116.5697	-151.1	457	TVU	0	0	0	0	58	33.1	1697	40	171	70	4.275	2.443	0.571	7.3	23.38
3225	40.9752	116.5691	-150.6	472	TVU	0	0	0	0	61	33.4	1775	37	75	157	2.027	0.478	0.236	7.4	23.39
3226	40.9752	116.5685	-150.6	464	TVU	0	0	0	0	56	33.2	1856	35	105	137	3.000	0.766	0.255	7.4	23.39
3227	40.9752	116.5679	-151.7	465	TVU	0	0	0	0	50	33.2	1868	38	155	144	4.079	1.076	0.264	7.4	23.38
3228	40.9752	116.5674	-151.5	477	TVU	0	0	0	0	58	33.5	1865	50	112	115	2.240	0.974	0.435	7.4	23.41
3229	40.9752	116.5668	-153.3	488	TVU	0	0	0	0	57	33.6	2050	58	107	187	1.845	0.572	0.310	7.4	23.37
3230	40.9752	116.5662	-154.9	488	TVU	0	0	0	0	76	33.6	2120	68	78	197	1.147	0.396	0.345	7.5	23.42
3231	40.9752	116.5656	-155.3	477	TVU	0	0	0	0	57	34.7	2012	48	114	191	2.375	0.597	0.251	7.5	23.37
3232	40.9752	116.5650	-153.6	458	TVU	0	0	0	0	58	34.3	2099	55	160	134	2.909	1.194	0.410	7.6	23.40
3233	40.9752	116.5644	-155.6	418	TVU	0	0	0	0	51	33.6	2058	68	117	208	1.721	0.563	0.327	7.6	23.41
3234	40.9752	116.5638	-156.4	391	TVU	0	0	0	0	65	33.0	2085	84	111	146	1.321	0.760	0.575	7.6	23.42
3235	40.9751	116.5632	-153.7	405	TVU	0	0	0	0	48	33.3	2008	51	163	159	3.196	1.025	0.321	7.5	23.43
3236	40.9751	116.5626	-156.9	402	TVU	0	0	0	0	59	33.3	2096	79	81	182	1.025	0.445	0.434	7.5	23.41
3237	40.9751	116.5620	-157.9	386	TVU	0	0	0	0	49	32.9	1947	59	132	123	2.237	1.073	0.480	7.5	23.41
3238	40.9751	116.5614	-157.6	370	TVU	0	0	0	0	38	32.6	1897	58	94	167	1.621	0.563	0.347	7.5	23.39
3239	40.9751	116.5608	-159.5	372	TVU	0	0	0	0	26	32.7	1864	57	167	134	2.930	1.246	0.425	7.5	23.40
3240	40.9751	116.5602	-160.5	384	TVU	0	0	0	0	44	32.9	1891	49	170	118	3.469	1.441	0.415	7.5	23.39
3241	40.9751	116.5596	-160.7	406	TVU	0	0	0	0	53	33.3	1854	57	56	198	0.982	0.283	0.288	7.5	23.41
3242	40.9751	116.5590	-159.8	413	TVU	0	0	0	0	58	33.5	1966	45	117	201	2.600	0.582	0.224	7.5	23.39
3243	40.9751	116.5584	-158.8	396	TVU	0	0	0	0	52	33.2	1866	50	124	141	2.480	0.879	0.355	7.5	23.39
3244	40.9751	116.5578	-155.9	368	TVU	0	0	0	0	67	32.6	1898	80	94	110	1.175	0.855	0.727	7.4	23.37
3245	40.9751	116.5573	-151.7	342	TVU	0	0	0	0	51	32.1	1839	48	176	123	3.667	1.431	0.390	7.4	23.38
3246	40.9751	116.5567	-145.1	317	TVU	0	0	0	0	46	31.5	1741	61	69	142	1.131	0.486	0.430	7.5	23.37
3247	40.9751	116.5561	-145.3	300	TVU	0	0	0	0	48	31.2	1564	42	47	170	1.119	0.276	0.247	7.4	23.36
3248	40.9751	116.5555	-144.5	294	TVU	0	0	0	0	60	31.0	1528	50	85	109	1.700	0.780	0.459	7.4	23.37
3249	40.9751	116.5549	-200.1	323	TVU	0	0	0	0	53	31.6	1567	34	139	95	4.088	1.463	0.358	7.3	23.33

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3250	40.9751	116.5543	-200.1	375	TVU	0	0	0	0	47	32.6	1556	49	95	114	1.939	0.833	0.430	7.4	23.30
3251	40.9750	116.5537	-200.1	403	TVU	0	0	0	0	44	33.2	1592	41	91	123	2.220	0.740	0.333	7.4	23.28
3252	40.9750	116.5531	-200.1	394	TVU	0	0	0	0	42	33.0	1494	31	119	99	3.839	1.202	0.313	7.5	23.27
3253	40.9750	116.5525	-200.1	378	TVU	0	0	0	0	42	32.7	1516	38	84	135	2.211	0.622	0.281	7.5	23.27
3254	40.9750	116.5519	-200.1	374	TVU	0	0	0	0	56	32.6	1572	47	60	129	1.277	0.465	0.364	7.5	23.28
3255	40.9750	116.5513	-200.1	369	TVU	0	0	0	0	52	32.5	1585	41	73	141	1.780	0.518	0.291	7.5	23.26
3256	40.9750	116.5507	-200.1	362	TVU	0	0	0	0	54	32.4	1459	16	164	97	10.250	1.691	0.165	7.6	23.24
3257	40.9750	116.5501	-200.1	360	TVU	0	0	0	0	62	32.3	1463	49	75	80	1.531	0.938	0.612	7.5	23.23
3258	40.9750	116.5495	-200.1	371	TVU	0	0	0	0	56	32.6	1431	35	73	120	2.086	0.608	0.292	7.6	23.23
3259	40.9750	116.5489	-200.1	391	TVU	0	0	0	0	51	32.9	1485	43	77	87	1.791	0.885	0.494	7.6	23.21
3260	40.9750	116.5483	-200.1	417	TVU	0	0	0	0	54	33.4	1493	48	52	103	1.083	0.505	0.466	7.7	23.20
3261	40.9750	116.5477	-200.1	447	TVU	0	0	0	0	58	34.0	1518	35	63	99	1.800	0.636	0.354	7.7	23.16
3262	40.9750	116.5472	-200.1	472	TVU	0	0	0	0	57	34.5	1553	29	163	63	5.621	2.587	0.460	7.7	23.15
3263	40.9750	116.5466	-200.1	477	TVU	0	0	0	0	58	34.6	1554	29	57	134	1.966	0.425	0.218	7.8	23.16
3264	40.9750	116.5460	-200.1	466	TVU	0	0	0	0	49	34.4	1617	42	70	156	1.667	0.449	0.269	7.8	23.17
3265	40.9750	116.5454	-200.1	452	TVU	0	0	0	0	59	34.1	1613	29	101	133	3.483	0.759	0.218	7.9	23.19
3266	40.9750	116.5448	-200.1	433	TVU	0	0	0	0	66	33.8	1632	37	119	114	3.216	1.044	0.325	7.8	23.19
3267	40.9749	116.5442	-200.1	419	TVU	0	0	0	0	48	33.5	1612	33	128	113	3.879	1.133	0.292	7.8	23.20
3268	40.9749	116.5436	-200.1	411	TVU	0	0	0	0	61	33.3	1600	30	97	123	3.233	0.789	0.244	7.7	23.19
3269	40.9749	116.5430	-200.1	403	TVU	0	0	0	0	53	33.9	1540	38	46	157	1.211	0.293	0.242	7.8	23.21
3270	40.9749	116.5424	-200.1	397	TVU	0	0	0	0	50	33.8	1545	43	31	169	0.721	0.183	0.254	7.7	23.20
3271	40.9749	116.5418	-200.1	395	TVU	0	0	0	0	58	33.7	1564	35	77	147	2.200	0.524	0.238	7.7	23.20
3272	40.9749	116.5412	-200.1	394	TVU	0	0	0	0	54	33.7	1520	31	86	123	2.774	0.699	0.252	7.7	23.19
3273	40.9749	116.5406	-200.1	397	TVU	0	0	0	0	58	33.8	1562	43	59	154	1.372	0.383	0.279	7.7	23.18
3274	40.9749	116.5400	-200.1	398	TVU	0	0	0	0	53	33.8	1557	38	82	109	2.158	0.752	0.349	7.6	23.21
3275	40.9749	116.5394	-200.1	396	TVU	0	0	0	0	37	33.8	1433	37	92	86	2.486	1.070	0.430	7.7	23.21
3276	40.9749	116.5388	-200.1	405	TVU	0	0	0	0	74	33.9	1516	24	114	85	4.750	1.341	0.282	7.7	23.20
3277	40.9749	116.5382	-200.1	419	TVU	0	0	0	0	54	34.2	1416	30	110	80	3.667	1.375	0.375	7.7	23.22
3278	40.9749	116.5376	-200.1	413	TVU	0	0	1	0	52	34.1	1429	54	8	111	0.148	0.072	0.486	7.6	23.22
3279	40.9749	116.5371	-200.1	394	TVU	0	0	1	0	55	33.7	1421	44	20	118	0.455	0.169	0.373	7.6	23.19
3280	40.9749	116.5365	-200.1	388	TVU	0	0	0	0	53	33.6	1362	27	100	76	3.704	1.316	0.355	7.6	23.23
3281	40.9749	116.5359	-200.1	404	TVU	0	0	0	0	69	33.9	1359	36	73	81	2.028	0.901	0.444	7.6	23.23
3282	40.9748	116.5353	-200.1	426	TVU	0	0	0	0	62	34.3	1414	45	81	83	1.800	0.976	0.542	7.7	23.23
3283	40.9748	116.5347	-200.1	443	TVU	0	0	0	0	54	34.7	1465	26	107	100	4.115	1.070	0.260	7.6	23.21
3284	40.9748	116.5341	-200.1	435	TVU	0	0	0	0	70	34.5	1509	42	93	80	2.214	1.162	0.525	7.6	23.22
3285	40.9748	116.5335	-200.1	393	TVU	0	0	0	0	50	33.7	1445	14	87	142	6.214	0.613	0.099	7.6	23.25
3286	40.9748	116.5329	-200.1	355	TVU	0	0	0	0	51	32.9	1361	34	64	89	1.882	0.719	0.382	7.6	23.26
3287	40.9748	116.5323	-200.1	337	TVU	0	0	0	0	49	32.5	1469	38	91	95	2.395	0.958	0.400	7.6	23.25
3288	40.9748	116.5317	-200.1	331	TVU	0	0	0	0	40	33.1	1447	45	109	92	2.422	1.185	0.489	7.6	23.27
3289	40.9748	116.5311	-200.1	330	TVU	0	0	0	0	54	33.1	1411	32	69	117	1.917	0.590	0.308	7.6	23.27
3290	40.9748	116.5305	-200.1	337	TVU	0	0	0	0	54	33.2	1536	34	114	100	3.353	1.140	0.340	7.5	23.25
3291	40.9748	116.5299	-200.1	348	TVU	0	0	0	0	62	33.5	1402	39	65	90	1.667	0.722	0.433	7.5	23.24
3292	40.9748	116.5293	-200.1	363	TVU	0	0	0	0	50	33.8	1458	32	75	122	2.344	0.615	0.262	7.4	23.24
3293	40.9748	116.5287	-200.1	373	TVU	0	0	0	0	58	34.0	1516	33	152	67	4.606	2.269	0.493	7.5	23.23
3294	40.9748	116.5281	-200.1	387	TVU	0	0	0	0	50	34.3	1446	36	97	97	2.694	1.000	0.371	7.5	23.23
3295	40.9748	116.5276	-200.1	386	TVU	0	0	0	0	59	34.3	1467	28	81	99	2.893	0.818	0.283	7.5	23.24
3296	40.9748	116.5270	-200.1	381	TVU	0	0	0	0	53	34.2	1567	45	58	145	1.289	0.400	0.310	7.5	23.23
3297	40.9748	116.5264	-200.1	376	TVU	0	0	0	0	34	34.1	1578	45	96	118	2.133	0.814	0.381	7.5	23.23
3298	40.9747	116.5258	-200.1	372	TVU	0	0	1	0	54	34.0	1562	52	18	162	0.346	0.111	0.321	7.4	23.21
3299	40.9747	116.5252	-200.1	373	TVU	0	0	0	0	53	34.0	1568	33	80	123	2.424	0.650	0.268	7.5	23.23
3300	40.9747	116.5246	-200.1	370	TVU	0	0	0	0	62	34.0	1578	33	47	165	1.424	0.285	0.200	7.5	23.23
3301	40.9747	116.5240	-200.1	375	TVU	0	0	0	0	61	34.0	1511	25	69	129	2.760	0.535	0.194	7.5	23.23
3302	40.9747	116.5234	-200.1	403	TVU	0	0	0	0	56	34.6	1579	29	113	102	3.897	1.108	0.284	7.5	23.23
3303	40.9747	116.5228	-200.1	439	TVU	0	0	0	0	42	35.3	1623	38	108	133	2.842	0.812	0.286	7.5	23.21

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3304	40.9747	116.5222	-200.1	431	TVU	0	0	0	0	57	35.2	1628	39	128	121	3.282	1.058	0.322	7.4	23.23
3305	40.9747	116.5216	-200.1	392	TVU	0	0	1	0	62	34.4	1584	60	12	147	0.200	0.082	0.408	7.4	23.25
3306	40.9747	116.5210	-200.1	381	TVU	0	0	0	0	58	34.2	1575	49	64	122	1.306	0.525	0.402	7.3	23.26
3307	40.9747	116.5204	-200.1	395	TVU	0	0	0	0	54	32.4	1651	55	68	119	1.236	0.571	0.462	7.3	23.27
3308	40.9747	116.5198	-200.1	418	TVU	0	0	0	0	53	32.8	1626	44	101	120	2.295	0.842	0.367	7.3	23.25
3309	40.9747	116.5192	-200.1	432	TVU	0	0	0	0	59	33.1	1672	46	111	87	2.413	1.276	0.529	7.2	23.25
3310	40.9747	116.5186	-200.1	434	TVU	0	0	0	0	49	33.1	1718	48	134	102	2.792	1.314	0.471	7.3	23.26
3311	40.9747	116.5180	-200.1	429	TVU	0	0	0	0	70	33.0	1791	65	67	130	1.031	0.515	0.500	7.3	23.28
3312	40.9747	116.5175	-200.1	422	TVU	0	0	0	0	48	32.9	1730	36	104	137	2.889	0.759	0.263	7.3	23.28
3313	40.9747	116.5169	-200.1	403	TVU	0	0	0	0	63	32.5	1680	37	94	143	2.541	0.657	0.259	7.3	23.29
3314	40.9746	116.5163	-200.1	384	TVU	0	0	0	0	36	32.2	1725	66	58	146	0.879	0.397	0.452	7.3	23.31
3315	40.9746	116.5157	-200.1	385	TVU	0	0	0	0	55	32.2	1686	61	89	118	1.459	0.754	0.517	7.3	23.31
3316	40.9746	116.5151	-200.1	403	TVU	0	0	0	0	54	32.5	1711	57	117	114	2.053	1.026	0.500	7.3	23.33
3317	40.9746	116.5145	-200.1	442	TVU	0	0	0	0	59	33.2	1687	65	56	106	0.862	0.528	0.613	7.2	23.29
3318	40.9746	116.5139	-200.1	453	TVU	0	0	0	0	39	33.5	1773	53	139	100	2.623	1.390	0.530	7.1	23.29
3319	40.9746	116.5133	-200.1	439	TVU	0	0	0	0	55	33.2	1699	51	92	126	1.804	0.730	0.405	7.1	23.29
3320	40.9746	116.5127	-200.1	424	TVU	0	0	0	0	51	32.9	1738	56	78	145	1.393	0.538	0.386	7.0	23.31
3321	40.9746	116.5121	-200.1	426	TVU	0	0	0	0	61	33.0	1831	55	119	115	2.164	1.035	0.478	7.	23.30
3322	40.9746	116.5115	-200.1	430	TVU	0	0	0	0	48	33.0	1738	58	107	106	1.845	1.009	0.547	7.1	23.35
3323	40.9746	116.5109	-200.1	417	TVU	0	0	0	0	55	32.8	1962	75	113	118	1.507	0.958	0.636	7.1	23.35
3324	40.9746	116.5103	-200.1	404	TVU	0	0	0	0	56	32.6	1856	55	124	131	2.255	0.947	0.420	7.1	23.34
3325	40.9746	116.5097	-200.1	386	TVU	0	0	1	0	57	32.2	1877	100	23	150	0.230	0.153	0.667	7.1	23.35
3326	40.9746	116.5091	-200.1	362	TVU	0	0	0	0	61	31.9	1789	68	162	102	2.382	1.588	0.667	7.0	23.37
3327	40.9746	116.5085	-200.1	355	TVU	0	0	0	0	50	31.8	1768	73	75	105	1.027	0.714	0.695	7.0	23.37
3328	40.9746	116.5079	-200.1	378	TVU	0	0	0	0	51	32.2	1825	73	57	163	0.781	0.350	0.448	6.9	23.33
3329	40.9746	116.5074	-200.1	404	TVU	0	0	0	0	56	32.7	1773	79	90	112	1.139	0.804	0.705	7.0	23.35
3330	40.9745	116.5068	-200.1	427	TVU	0	0	0	0	56	33.2	1823	65	112	130	1.723	0.862	0.500	7.0	23.34
3331	40.9745	116.5062	-200.1	447	TVU	0	0	0	0	61	33.5	1773	54	111	82	2.056	1.354	0.659	6.9	23.33
3332	40.9745	116.5056	-200.1	449	TVU	0	0	0	0	53	33.6	1786	70	80	119	1.143	0.672	0.588	7.0	23.33
3333	40.9745	116.5050	-200.1	443	TVU	0	0	0	0	51	33.5	1717	55	103	103	1.873	1.000	0.534	7.1	23.35
3334	40.9745	116.5044	-200.1	426	TVU	0	0	0	0	47	33.1	1656	50	120	66	2.400	1.818	0.758	7.0	23.35
3335	40.9745	116.5038	-200.1	414	TVU	0	0	0	0	70	32.9	1558	44	74	122	1.682	0.607	0.361	6.9	23.35
3336	40.9745	116.5032	-200.1	404	TVU	0	0	0	0	52	32.7	1600	57	46	138	0.807	0.333	0.413	6.9	23.34
3337	40.9745	116.5026	-200.1	378	TVU	0	0	0	0	57	32.2	1555	51	61	107	1.196	0.570	0.477	6.9	23.34
3338	40.9745	116.5020	-200.1	364	TVU	0	0	1	0	49	32.0	1511	62	18	112	0.290	0.161	0.554	6.8	23.35
3339	40.9745	116.5014	-200.1	369	TVU	0	0	0	0	71	32.1	1422	35	79	98	2.257	0.806	0.357	6.8	23.35
3340	40.9745	116.5008	-200.1	382	TVU	0	0	0	0	66	32.3	1462	40	69	119	1.725	0.580	0.336	6.8	23.35
3341	40.9745	116.5002	-200.1	402	TVU	0	0	0	0	48	32.7	1459	29	102	106	3.517	0.962	0.274	6.9	23.34
3342	40.9745	116.4996	-200.1	438	TVU	0	0	0	0	80	33.4	1565	48	108	72	2.250	1.500	0.667	6.9	23.35
3343	40.9745	116.4990	-200.1	459	TVU	0	0	0	0	60	33.8	1647	69	71	66	1.044	1.076	1.030	6.9	23.35
3344	40.9745	116.4984	-200.1	466	TVU	0	0	0	0	59	33.9	1550	46	113	54	2.457	2.093	0.852	7.0	23.37
3345	40.9744	116.4978	-200.1	467	TVU	0	0	0	0	65	36.2	1612	56	54	87	0.964	0.621	0.644	7.1	23.37
3346	40.9744	116.4973	-200.1	461	TVU	0	0	0	0	64	36.1	1635	42	90	87	2.143	1.034	0.483	7.1	23.39
3347	40.9744	116.4967	-200.1	449	TVU	0	0	0	0	63	35.9	1610	43	116	83	2.698	1.398	0.518	7.2	23.39
3348	40.9744	116.4961	-200.1	441	TVU	0	0	0	0	56	35.7	1592	45	99	115	2.200	0.861	0.391	7.2	23.38
3349	40.9744	116.4955	-200.1	431	TVU	0	0	0	0	67	35.5	1573	54	80	98	1.481	0.816	0.551	7.2	23.41
3350	40.9744	116.4949	-200.1	420	TVU	0	0	0	0	34	35.3	1545	41	134	86	3.268	1.558	0.477	7.2	23.41
3351	40.9744	116.4943	-200.1	408	TVU	0	0	0	0	49	35.1	1544	36	137	92	3.806	1.489	0.391	7.3	23.43
3352	40.9744	116.4937	-200.1	401	TVU	0	0	0	0	49	34.9	1584	48	80	101	1.667	0.792	0.475	7.3	23.44
3353	40.9744	116.4931	-200.1	402	TVU	0	0	0	0	41	34.9	1566	41	128	102	3.122	1.255	0.402	7.3	23.45
3354	40.9744	116.4925	-200.1	401	TVU	0	0	0	0	53	34.9	1545	44	131	61	2.977	2.148	0.721	7.3	23.44
3355	40.9744	116.4919	-200.1	398	TVU	0	0	0	0	53	34.9	1596	45	64	122	1.422	0.525	0.369	7.3	23.45
3356	40.9744	116.4913	-200.1	376	TVU	0	0	0	0	45	34.4	1562	34	116	111	3.412	1.045	0.306	7.2	23.47
3357	40.9744	116.4907	-200.1	351	TVU	0	0	0	0	38	33.9	1481	39	72	128	1.846	0.563	0.305	7.2	23.47

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3358	40.9744	116.4901	-200.1	345	TVU	0	0	0	0	49	33.7	1506	40	93	120	2.325	0.775	0.333	7.2	23.46
3359	40.9744	116.4895	-200.1	369	TVU	0	0	0	0	55	34.3	1544	44	79	97	1.795	0.814	0.454	7.2	23.47
3360	40.9744	116.4889	-200.1	391	TVU	0	0	0	0	41	34.7	1648	31	145	115	4.677	1.261	0.270	7.2	23.45
3361	40.9743	116.4883	-200.1	409	TVU	0	0	0	0	58	35.1	1549	39	116	80	2.974	1.450	0.488	7.2	23.43
3362	40.9743	116.4877	-200.1	394	TVU	0	0	0	0	51	34.8	1589	47	77	117	1.638	0.658	0.402	7.2	23.45
3363	40.9743	116.4872	-200.1	370	TVU	0	0	0	0	54	34.3	1508	37	49	135	1.324	0.363	0.274	7.3	23.45
3364	40.9743	116.4866	-200.1	346	TVU	0	0	0	0	78	33.4	1577	43	106	82	2.465	1.293	0.524	7.3	23.45
3365	40.9743	116.4860	-200.1	324	TVU	0	0	0	0	59	32.9	1491	46	80	107	1.739	0.748	0.430	7.2	23.44
3366	40.9743	116.4854	-200.1	317	TVU	0	0	0	0	59	32.8	1562	44	104	89	2.364	1.169	0.494	7.3	23.43
3367	40.9743	116.4848	-200.1	321	TVU	0	0	0	0	51	32.9	1507	30	144	88	4.800	1.636	0.341	7.3	23.41
3368	40.9743	116.4842	-200.1	330	TVU	0	0	0	0	50	33.1	1526	41	118	91	2.878	1.297	0.451	7.4	23.37
3369	40.9743	116.4836	-200.1	338	TVU	0	0	0	0	42	33.2	1590	45	122	123	2.711	0.992	0.366	7.3	23.35
3370	40.9743	116.4830	-200.1	344	TVU	0	0	0	0	50	33.4	1517	25	132	104	5.280	1.269	0.240	7.3	23.33
3371	40.9743	116.4824	-200.1	359	TVU	0	0	0	0	39	33.7	1533	21	144	88	6.857	1.636	0.239	7.4	23.32
3372	40.9743	116.4818	-200.1	383	TVU	0	0	0	0	61	34.2	1645	40	132	93	3.300	1.419	0.430	7.3	23.30
3373	40.9743	116.4812	-200.1	426	TVU	0	0	0	0	59	35.1	1536	36	132	72	3.667	1.833	0.500	7.3	23.28
3374	40.9743	116.4806	-200.1	475	TVU	0	0	0	0	55	36.0	1682	35	139	79	3.971	1.759	0.443	7.4	23.28
3375	40.9743	116.4800	-200.1	491	TVU	0	0	0	0	41	36.3	1674	38	101	116	2.658	0.871	0.328	7.3	23.29
3376	40.9743	116.4794	-200.1	488	TVU	0	0	0	0	47	36.2	1743	47	120	99	2.553	1.212	0.475	7.3	23.28
3377	40.9742	116.4788	-200.1	473	TVU	0	0	0	0	47	36.0	1779	59	88	135	1.492	0.652	0.437	7.2	23.29
3378	40.9742	116.4782	-200.1	440	TVU	0	0	0	0	50	35.3	1679	39	114	126	2.923	0.905	0.310	7.1	23.30
3379	40.9742	116.4776	-200.1	409	TVU	0	0	0	0	59	34.7	1737	36	140	133	3.889	1.053	0.271	7.2	23.31
3380	40.9742	116.4771	-200.1	384	TVU	0	0	0	0	54	34.2	1621	41	67	154	1.634	0.435	0.266	7.2	23.31
3381	40.9742	116.4765	-200.1	363	TVU	0	0	0	0	56	33.8	1576	32	154	107	4.813	1.439	0.299	7.1	23.32
3382	40.9742	116.4759	-200.1	344	TVU	0	0	0	0	60	33.4	1612	46	113	136	2.457	0.831	0.338	7.1	23.28
3383	40.9742	116.4753	-200.1	328	TVU	0	0	0	0	51	33.6	1660	45	120	109	2.667	1.101	0.413	7.0	23.29
3384	40.9742	116.4747	-200.1	310	TVU	0	0	0	0	68	33.2	1531	37	119	86	3.216	1.384	0.430	7.0	23.28
3385	40.9742	116.4741	-200.1	299	TVU	0	0	0	0	51	33.0	1562	48	131	80	2.729	1.638	0.600	7.0	23.28
3386	40.9742	116.4735	-200.1	299	TVU	0	0	0	0	48	33.0	1515	42	134	83	3.190	1.614	0.506	6.9	23.25
3387	40.9742	116.4729	-200.1	309	TVU	0	0	1	0	62	33.2	1453	43	20	124	0.465	0.161	0.347	6.9	23.23
3388	40.9742	116.4723	-200.1	326	TVU	0	0	0	0	45	33.6	1332	44	73	85	1.659	0.859	0.518	7.0	23.21
3389	40.9742	116.4717	-200.1	348	TVU	0	0	0	0	58	34.1	1414	29	148	72	5.103	2.056	0.403	7.0	23.21
3390	40.9742	116.4711	-200.1	376	TVU	0	0	0	0	56	34.7	1475	43	85	97	1.977	0.876	0.443	7.0	23.17
3391	40.9742	116.4705	-200.1	396	TVU	0	0	0	0	49	35.1	1464	53	77	91	1.453	0.846	0.582	7.0	23.17
3392	40.9742	116.4699	-200.1	419	TVU	0	0	0	0	63	35.6	1473	25	98	88	3.920	1.114	0.284	7.0	23.16
3393	40.9741	116.4693	-200.1	453	TVU	0	0	0	0	68	36.2	1604	32	141	61	4.406	2.311	0.525	7.0	23.16
3394	40.9741	116.4687	-200.1	478	TVU	0	0	0	0	49	36.7	1510	47	46	78	0.979	0.590	0.603	7.0	23.17
3395	40.9741	116.4681	-200.1	489	TVU	0	0	0	0	57	36.9	1606	42	92	84	2.190	1.095	0.500	7.0	23.17
3396	40.9741	116.4675	-200.1	492	TVU	0	0	0	0	58	37.0	1640	36	68	132	1.889	0.515	0.273	6.9	23.19
3397	40.9741	116.4670	-200.1	496	TVU	0	0	0	0	51	37.1	1635	58	62	100	1.069	0.620	0.580	7.0	23.23
3398	40.9741	116.4664	-200.1	499	TVU	0	0	0	0	54	37.1	1594	45	101	105	2.244	0.962	0.429	6.9	23.21
3399	40.9741	116.4658	-200.1	512	TVU	0	0	0	0	66	37.4	1622	27	130	111	4.815	1.171	0.243	6.8	23.22
3400	40.9741	116.4652	-200.1	515	TVU	0	0	0	0	49	37.4	1690	32	121	77	3.781	1.571	0.416	6.8	23.25
3401	40.9741	116.4646	-200.1	501	TVU	0	0	0	0	46	37.2	1684	38	118	104	3.105	1.135	0.365	6.8	23.25
3402	40.9741	116.4640	-200.1	495	TVU	0	0	0	0	59	36.9	1593	47	84	69	1.787	1.217	0.681	6.7	23.27
3403	40.9741	116.4634	-200.1	466	TVU	0	0	0	0	45	36.3	1694	49	64	145	1.306	0.441	0.338	6.7	23.27
3404	40.9741	116.4628	-200.1	409	TVU	0	0	0	0	49	35.2	1587	28	157	92	5.607	1.707	0.304	6.7	23.29
3405	40.9741	116.4622	-200.1	362	TVU	0	0	0	0	48	34.2	1572	50	117	119	2.340	0.983	0.420	6.8	23.28
3406	40.9741	116.4616	-200.1	330	TVU	0	0	0	0	54	33.5	1605	27	152	87	5.630	1.747	0.310	6.8	23.31
3407	40.9741	116.4610	-200.1	317	TVU	0	0	0	0	52	33.2	1567	45	103	120	2.289	0.858	0.375	6.7	23.31
3408	40.9740	116.4604	-200.1	321	TVU	0	0	0	0	62	33.3	1541	40	104	98	2.600	1.061	0.408	6.8	23.30
3409	40.9740	116.4598	-200.1	335	TVU	0	0	0	0	53	33.7	1510	31	121	100	3.903	1.210	0.310	6.8	23.30
3410	40.9740	116.4592	-200.1	364	TVU	0	0	0	0	44	34.3	1481	31	78	114	2.516	0.684	0.272	6.9	23.27
3411	40.9740	116.4586	-200.1	403	TVU	0	0	0	0	55	35.1	1617	28	158	105	5.643	1.505	0.267	7.0	23.26

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3412	40.9740	116.4580	-200.1	444	TVU	0	0	0	0	45	35.9	1633	41	124	107	3.024	1.159	0.383	6.9	23.23
3413	40.9740	116.4574	-200.1	481	TVU	0	0	0	0	43	36.6	1601	34	84	133	2.471	0.632	0.256	7.0	23.25
3414	40.9740	116.4569	-200.1	490	TVU	0	0	0	0	54	36.8	1639	39	133	106	3.410	1.255	0.368	7.0	23.25
3415	40.9740	116.4563	-200.1	492	TVU	0	0	0	0	42	36.8	1722	22	145	143	6.591	1.014	0.154	7.0	23.27
3416	40.9740	116.4557	-200.1	489	TVU	0	0	0	0	43	36.8	1724	57	82	151	1.439	0.543	0.377	7.0	23.26
3417	40.9740	116.4551	-200.1	488	TVU	0	0	0	0	54	36.8	1760	44	92	153	2.091	0.601	0.288	7.0	23.28
3418	40.9740	116.4545	-200.1	482	TVU	0	0	0	0	61	36.7	1714	34	113	105	3.324	1.076	0.324	7.0	23.29
3419	40.9740	116.4539	-200.1	466	TVU	0	0	0	0	58	36.3	1580	42	64	118	1.524	0.542	0.356	7.1	23.32
3420	40.9740	116.4533	-200.1	451	TVU	0	0	0	0	60	36.1	1622	27	113	129	4.185	0.876	0.209	7.1	23.30
3421	40.9740	116.4527	-200.1	441	QOA3	0	0	0	0	63	41.8	1632	34	89	136	2.618	0.654	0.250	7.1	23.32
3422	40.9740	116.4521	-200.1	442	QOA3	0	0	0	0	47	41.8	1653	49	90	102	1.837	0.882	0.480	7.2	23.34
3423	40.9740	116.4515	-200.1	441	QOA3	0	0	0	0	51	41.8	1611	31	68	124	2.194	0.548	0.250	7.2	23.34
3424	40.9739	116.4509	-200.1	450	QOA3	0	0	0	0	58	42.0	1668	39	91	88	2.333	1.034	0.443	7.2	23.35
3425	40.9739	116.4503	-200.1	455	QOA3	0	0	0	0	64	42.1	1667	42	94	102	2.238	0.922	0.412	7.2	23.38
3426	40.9739	116.4497	-200.1	451	QOA3	0	0	0	0	32	42.0	1577	36	123	77	3.417	1.597	0.468	7.2	23.39
3427	40.9739	116.4491	-200.1	443	QOA3	0	0	0	0	44	41.9	1551	45	38	152	0.844	0.250	0.296	7.3	23.39
3428	40.9739	116.4485	-200.1	440	QOA3	0	0	0	0	46	41.8	1583	35	70	111	2.000	0.631	0.315	7.4	23.41
3429	40.9739	116.4479	-200.1	448	QOA3	0	0	0	0	39	42.0	1545	45	52	121	1.156	0.430	0.372	7.4	23.44
3430	40.9739	116.4473	-200.1	457	QOA3	0	0	0	0	63	42.2	1554	36	58	143	1.611	0.406	0.252	7.4	23.43
3431	40.9739	116.4469	-200.1	458	QOA3	0	0	0	0	46	42.2	1652	35	155	77	4.429	2.013	0.455	7.5	23.45
3432	40.9739	116.4465	-200.1	439	QOA3	0	0	0	0	53	41.8	1468	28	58	110	2.071	0.527	0.255	7.6	23.45
3433	40.9739	116.4460	-200.1	381	QOA3	0	0	0	0	50	40.4	1409	36	68	89	1.889	0.764	0.404	7.5	23.45
3434	40.9739	116.4456	-200.1	356	QOA3	0	0	0	0	58	39.8	1360	29	111	66	3.828	1.682	0.439	7.6	23.48
3435	40.9739	116.4451	-200.1	350	QOA3	0	0	0	0	43	39.6	1408	47	91	43	1.936	2.116	1.093	7.6	23.47
3436	40.9739	116.4447	-200.1	365	QOA3	0	0	0	0	57	40.0	1394	25	63	115	2.520	0.548	0.217	7.7	23.47
3437	40.9739	116.4442	-200.1	372	QOA3	0	0	0	0	58	40.2	1383	31	68	91	2.194	0.747	0.341	7.7	23.43
3438	40.9739	116.4438	-200.1	389	QOA3	0	0	1	0	45	40.6	1354	40	23	99	0.575	0.232	0.404	7.7	23.43
3439	40.9739	116.4433	-200.1	408	QOA3	0	0	0	0	44	41.1	1408	47	61	76	1.298	0.803	0.618	7.7	23.43
3440	40.9739	116.4429	-200.1	423	QOA3	0	0	0	0	54	41.1	1313	30	46	90	1.533	0.511	0.333	7.7	23.41
3441	40.9739	116.4424	-200.1	437	QOA3	0	0	0	0	48	41.5	1389	31	60	111	1.935	0.541	0.279	7.7	23.41
3442	40.9739	116.4420	-200.1	452	QOA3	0	0	0	0	54	41.8	1380	42	65	63	1.548	1.032	0.667	7.7	23.40
3443	40.9739	116.4415	-200.1	467	QOA3	0	0	0	0	53	42.1	1399	35	37	102	1.057	0.363	0.343	7.8	23.41
3444	40.9739	116.4411	-200.1	479	QOA3	0	0	0	0	34	42.4	1466	48	63	76	1.313	0.829	0.632	7.8	23.41
3445	40.9739	116.4406	-200.1	482	QOA3	0	0	1	0	48	42.5	1507	60	5	119	0.083	0.042	0.504	7.8	23.40
3446	40.9739	116.4402	-200.1	476	QOA3	0	0	0	0	44	42.3	1494	31	146	43	4.710	3.395	0.721	7.8	23.42
3447	40.9739	116.4397	-200.1	471	QOA3	0	0	0	0	49	42.2	1459	45	84	69	1.867	1.217	0.652	7.9	23.42
3448	40.9740	116.4393	-200.1	459	QOA3	0	0	1	0	67	42.0	1436	35	12	138	0.343	0.087	0.254	7.9	23.41
3449	40.9740	116.4388	-200.1	453	QOA3	0	0	0	0	36	41.8	1415	45	105	36	2.333	2.917	1.250	8.0	23.44
3450	40.9740	116.4384	-200.1	451	QOA3	0	0	0	0	54	41.8	1495	32	83	97	2.594	0.856	0.330	8.0	23.43
3451	40.9740	116.4379	-200.1	460	QOA3	0	0	0	0	51	42.0	1537	39	46	121	1.179	0.380	0.322	8.0	23.44
3452	40.9740	116.4375	-200.1	455	QOA3	0	0	0	0	50	41.9	1488	29	89	117	3.069	0.761	0.248	8.1	23.45
3453	40.9740	116.4371	-200.1	436	QOA3	0	0	0	0	63	41.4	1577	34	80	88	2.353	0.909	0.386	8.2	23.46
3454	40.9740	116.4366	-200.1	403	QOA3	0	0	1	0	43	40.7	1548	42	21	139	0.500	0.151	0.302	8.1	23.47
3455	40.9740	116.4362	-200.1	383	QOA3	0	0	0	0	28	40.2	1606	40	105	147	2.625	0.714	0.272	8.1	23.47
3456	40.9740	116.4357	-200.1	375	QOA3	0	0	0	0	43	40.0	1561	44	73	123	1.659	0.593	0.358	8.2	23.46
3457	40.9740	116.4353	-200.1	373	QOA3	0	0	0	0	49	40.0	1588	54	77	108	1.426	0.713	0.500	8.2	23.45
3458	40.9740	116.4348	-200.1	372	QOA3	0	0	0	0	46	39.9	1671	36	71	160	1.972	0.444	0.225	8.2	23.47
3459	40.9740	116.4344	-200.1	371	QOA3	0	0	0	0	46	39.1	1647	39	116	120	2.974	0.967	0.325	8.2	23.47
3460	40.9740	116.4339	-200.1	371	QOA3	0	0	0	0	69	39.1	1672	50	84	127	1.680	0.661	0.394	8.2	23.45
3461	40.9740	116.4335	-200.1	373	QOA3	0	0	0	0	58	39.2	1613	61	57	103	0.934	0.553	0.592	8.1	23.44
3462	40.9740	116.4330	-200.1	376	QOA3	0	0	0	0	71	39.2	1542	34	86	109	2.529	0.789	0.312	8.3	23.47
3463	40.9740	116.4326	-200.1	386	QOA3	0	0	0	0	43	39.5	1537	34	109	102	3.206	1.069	0.333	8.3	23.45
3464	40.9740	116.4321	-200.1	398	QOA3	0	0	0	0	43	39.8	1563	46	70	134	1.522	0.522	0.343	8.3	23.45
3465	40.9740	116.4317	-200.1	403	QOA3	0	0	0	0	38	39.9	1587	37	62	139	1.676	0.446	0.266	8.4	23.44

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3466	40.9740	116.4312	-200.1	408	QOA3	0	0	0	0	67	40.0	1601	29	107	92	3.690	1.163	0.315	8.4	23.45
3467	40.9740	116.4308	-200.1	408	QOA3	0	0	0	0	36	40.0	1628	51	108	99	2.118	1.091	0.515	8.4	23.45
3468	40.9740	116.4303	-200.1	413	QOA3	0	0	0	0	48	40.1	1642	37	174	68	4.703	2.559	0.544	8.4	23.44
3469	40.9740	116.4299	-200.1	416	QOA3	0	0	0	0	51	40.2	1521	39	78	106	2.000	0.736	0.368	8.4	23.44
3470	40.9740	116.4294	-200.1	420	QA2	0	0	0	0	41	40.3	1562	44	93	107	2.114	0.869	0.411	8.5	23.43
3471	40.9740	116.4290	-200.1	438	QA2	0	0	0	0	43	40.7	1653	51	58	141	1.137	0.411	0.362	8.5	23.42
3472	40.9740	116.4285	-200.1	462	QA2	0	0	0	0	48	41.2	1682	33	158	97	4.788	1.629	0.340	8.5	23.39
3473	40.9740	116.4281	-200.1	474	QA2	0	0	0	0	50	41.5	1722	49	72	138	1.469	0.522	0.355	8.5	23.40
3474	40.9740	116.4277	-200.1	474	QA2	0	0	0	0	49	41.5	1640	43	90	104	2.093	0.865	0.413	8.5	23.40
3475	40.9740	116.4272	-200.1	474	QA2	0	0	0	0	51	41.5	1701	32	70	137	2.188	0.511	0.234	8.5	23.38
3476	40.9740	116.4268	-200.1	478	QA2	0	0	0	0	40	41.6	1609	34	103	105	3.029	0.981	0.324	8.4	23.38
3477	40.9740	116.4263	-200.1	479	QA2	0	0	0	0	41	41.6	1705	60	98	103	1.633	0.951	0.583	8.3	23.38
3478	40.9740	116.4259	-200.1	477	QA2	0	0	0	0	49	35.7	1715	44	95	138	2.159	0.688	0.319	8.3	23.38
3479	40.9740	116.4254	-200.1	476	QA2	0	0	0	0	44	35.7	1678	32	127	121	3.969	1.050	0.264	8.3	23.37
3480	40.9740	116.4250	-200.1	470	QA2	0	0	0	0	36	35.6	1732	36	108	132	3.000	0.818	0.273	8.2	23.40
3481	40.9740	116.4245	-200.1	462	QA2	0	0	0	0	57	35.5	1660	41	61	149	1.488	0.409	0.275	8.2	23.38
3482	40.9740	116.4241	-200.1	453	QA2	0	0	1	0	52	35.3	1618	47	16	161	0.340	0.099	0.292	8.1	23.40
3483	40.9740	116.4236	-200.1	450	QA2	0	0	0	0	50	35.2	1717	60	36	125	0.600	0.288	0.480	8.2	23.40
3484	40.9740	116.4232	-200.1	442	QA2	0	0	1	0	50	35.1	1698	54	22	172	0.407	0.128	0.314	8.1	23.40
3485	40.9740	116.4227	-200.1	440	QA2	0	0	0	0	47	35.0	1711	51	72	138	1.412	0.522	0.370	8.0	23.40
3486	40.9740	116.4223	-200.1	436	QA2	0	0	0	0	41	35.0	1755	50	107	133	2.140	0.805	0.376	8.0	23.38
3487	40.9740	116.4218	-200.1	429	QA2	0	0	0	0	66	34.8	1787	40	101	151	2.525	0.669	0.265	7.8	23.37
3488	40.9740	116.4214	-200.1	424	QA2	0	0	0	0	53	34.7	1796	43	55	175	1.279	0.314	0.246	7.8	23.39
3489	40.9740	116.4209	-200.1	416	QA2	0	0	0	0	33	34.6	1691	47	116	141	2.468	0.823	0.333	7.7	23.37
3490	40.9741	116.4205	-200.1	410	QA2	0	0	0	0	57	34.4	1729	37	78	150	2.108	0.520	0.247	7.6	23.38
3491	40.9741	116.4200	-200.1	406	QA2	0	0	0	0	39	34.4	1704	49	102	119	2.082	0.857	0.412	7.5	23.36
3492	40.9741	116.4196	-200.1	403	QA2	0	0	0	0	42	34.3	1645	53	55	159	1.038	0.346	0.333	7.4	23.37
3493	40.9741	116.4191	-200.1	395	QA2	0	0	0	0	47	34.1	1716	30	124	137	4.133	0.905	0.219	7.4	23.37
3494	40.9741	116.4187	-200.1	394	QA2	0	0	0	0	55	34.1	1621	26	138	117	5.308	1.179	0.222	7.4	23.36
3495	40.9741	116.4183	-200.1	392	QA2	0	0	0	0	53	34.1	1629	47	69	119	1.468	0.580	0.395	7.4	23.33
3496	40.9741	116.4178	-200.1	393	QA2	0	0	0	0	49	34.1	1608	33	139	127	4.212	1.094	0.260	7.4	23.35
3497	40.9741	116.4174	-200.1	394	QA2	0	0	0	0	50	38.9	1728	54	64	158	1.185	0.405	0.342	7.4	23.33
3498	40.9741	116.4169	-200.1	394	QA2	0	0	0	0	64	38.9	1658	38	51	163	1.342	0.313	0.233	7.5	23.33
3499	40.9741	116.4165	-200.1	401	OVI	0	0	0	0	49	39.0	1683	54	87	136	1.611	0.640	0.397	7.6	23.32
3500	40.9741	116.4160	-200.1	408	OVI	0	0	0	0	43	39.2	1660	47	69	150	1.468	0.460	0.313	7.7	23.34
3501	40.9741	116.4156	-200.1	415	OVI	0	0	0	0	53	39.4	1716	45	119	96	2.644	1.240	0.469	7.8	23.33
3502	40.9741	116.4151	-200.1	431	OVI	0	0	0	0	56	39.7	1757	51	118	89	2.314	1.326	0.573	7.8	23.30
3503	40.9741	116.4147	-200.1	434	OVI	0	0	0	0	47	39.8	1716	48	79	164	1.646	0.482	0.293	7.9	23.31
3504	40.9741	116.4142	-200.1	425	OVI	0	0	0	0	62	39.6	1616	35	75	135	2.143	0.556	0.259	7.9	23.29
3505	40.9741	116.4138	-200.1	413	OVI	0	0	0	0	58	39.3	1666	51	57	139	1.118	0.410	0.367	8.0	23.30
3506	40.9741	116.4133	-200.1	397	OVI	0	0	0	0	59	39.0	1627	35	106	118	3.029	0.898	0.297	8.0	23.27
3507	40.9741	116.4129	-200.1	375	OVI	0	0	0	0	53	38.4	1597	42	66	143	1.571	0.462	0.294	8.0	23.26
3508	40.9741	116.4124	-200.1	355	OVI	0	0	0	0	60	38.0	1410	29	72	110	2.483	0.655	0.264	8.0	23.24
3509	40.9741	116.4120	-200.1	346	OVI	0	0	0	0	36	37.7	1470	35	87	115	2.486	0.757	0.304	8.1	23.25
3510	40.9741	116.4115	-200.1	355	OVI	0	0	0	0	57	38.0	1412	41	84	66	2.049	1.273	0.621	8.2	23.21
3511	40.9741	116.4111	-200.1	384	OVI	0	0	0	0	35	38.6	1497	45	114	123	2.533	0.927	0.366	8.2	23.21
3512	40.9741	116.4106	-200.1	407	OVI	0	0	0	0	59	39.2	1544	44	83	111	1.886	0.748	0.396	8.2	23.21
3513	40.9741	116.4102	-200.1	390	OVI	0	0	0	0	73	38.8	1482	41	36	119	0.878	0.303	0.345	8.3	23.18
3514	40.9741	116.4097	-200.1	360	OVI	0	0	0	0	49	38.1	1454	30	102	122	3.400	0.836	0.246	8.3	23.17
3515	40.9741	116.4093	-200.1	350	OVI	0	0	0	0	55	37.8	1469	33	73	119	2.212	0.613	0.277	8.3	23.16
3516	40.9741	116.4089	-200.1	361	OVI	0	0	0	0	38	37.5	1473	50	78	101	1.560	0.772	0.495	8.3	23.16
3517	40.9741	116.4084	-200.1	387	OVI	0	0	0	0	47	38.0	1506	23	112	106	4.870	1.057	0.217	8.4	23.17
3518	40.9741	116.4080	-200.1	422	OVI	0	0	0	0	54	38.8	1636	39	86	124	2.205	0.694	0.315	8.4	23.12
3519	40.9741	116.4075	-200.1	435	OVI	0	0	0	0	55	39.1	1617	38	54	156	1.421	0.346	0.244	8.3	23.11

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3520	40.9741	116.4071	-200.1	403	OVI	0	0	0	0	59	38.4	1519	32	45	170	1.406	0.265	0.188	8.4	23.11
3521	40.9741	116.4066	-200.1	376	OVI	0	0	0	0	59	37.8	1447	26	79	104	3.038	0.760	0.250	8.3	23.07
3522	40.9741	116.4062	-200.1	362	OVI	0	0	0	0	47	37.5	1469	32	125	85	3.906	1.471	0.376	8.3	23.09
3523	40.9741	116.4057	-200.1	358	OVI	0	0	0	0	65	37.4	1435	30	90	102	3.000	0.882	0.294	8.3	23.04
3524	40.9741	116.4053	-200.1	372	OVI	0	0	0	0	61	37.7	1536	50	42	108	0.840	0.389	0.463	8.2	23.04
3525	40.9741	116.4048	-200.1	413	OVI	0	0	0	0	48	38.6	1539	38	43	138	1.132	0.312	0.275	8.3	23.04
3526	40.9741	116.4044	-200.1	446	OVI	0	0	0	0	74	39.4	1632	41	96	109	2.341	0.881	0.376	8.2	23.03
3527	40.9741	116.4039	-200.1	453	OVI	0	0	0	0	70	39.5	1660	29	120	110	4.138	1.091	0.264	8.3	23.03
3528	40.9741	116.4035	-200.1	454	OVI	0	0	0	0	62	39.5	1684	41	134	96	3.268	1.396	0.427	8.3	23.03
3529	40.9741	116.4030	-200.1	457	OVI	0	0	0	0	51	39.6	1710	60	43	141	0.717	0.305	0.426	8.4	23.04
3530	40.9741	116.4026	-200.1	455	OVI	0	0	0	0	55	39.5	1699	36	100	138	2.778	0.725	0.261	8.4	23.01
3531	40.9741	116.4021	-200.1	453	OVI	0	0	0	0	71	39.5	1622	48	44	114	0.917	0.386	0.421	8.4	23.02
3532	40.9741	116.4017	-200.1	437	OVI	0	0	0	0	60	39.2	1652	25	119	139	4.760	0.856	0.180	8.4	22.99
3533	40.9742	116.4012	-200.1	418	OVI	0	0	0	0	51	38.8	1700	32	60	192	1.875	0.313	0.167	8.3	23.01
3534	40.9742	116.4008	-200.1	385	OVI	0	0	0	0	43	38.0	1537	32	108	107	3.375	1.009	0.299	8.3	22.99
3535	40.9742	116.4003	-200.1	357	OVI	0	0	0	0	62	42.5	1434	25	72	133	2.880	0.541	0.188	8.3	22.98
3536	40.9742	116.3999	-200.1	343	OVI	0	0	0	0	74	42.2	1452	41	57	125	1.390	0.456	0.328	8.2	22.97
3537	40.9742	116.3995	-200.1	336	OVI	0	0	0	0	63	42.0	1470	23	125	103	5.435	1.214	0.223	8.2	22.95
3538	40.9742	116.3990	-200.1	333	OVI	0	0	0	0	66	41.9	1518	18	105	122	5.833	0.861	0.148	8.2	22.94
3539	40.9742	116.3986	-200.1	330	OVI	0	0	0	0	71	41.8	1484	38	66	131	1.737	0.504	0.290	8.2	22.93
3540	40.9742	116.3981	-200.1	321	OVI	0	0	0	0	51	41.6	1417	27	100	94	3.704	1.064	0.287	8.1	22.87
3541	40.9742	116.3977	-200.1	311	OVI	0	0	0	0	55	41.3	1341	28	97	85	3.464	1.141	0.329	8.1	22.84
3542	40.9742	116.3972	-200.1	305	OVI	0	0	0	0	60	41.1	1358	29	103	79	3.552	1.304	0.367	8.1	22.83
3543	40.9742	116.3968	-200.1	313	OVI	0	0	0	0	44	41.3	1336	36	44	122	1.222	0.361	0.295	8.1	22.80
3544	40.9742	116.3963	-200.1	329	OVI	0	0	0	0	56	41.8	1382	38	51	108	1.342	0.472	0.352	8.0	22.78
3545	40.9742	116.3959	-200.1	356	OVI	0	0	0	0	50	42.5	1360	29	91	102	3.138	0.892	0.284	8.0	22.76
3546	40.9742	116.3954	-200.1	385	OVI	0	0	0	0	72	43.3	1416	31	90	70	2.903	1.286	0.443	8.0	22.75
3547	40.9742	116.3950	-200.1	424	OVI	0	0	0	0	76	44.3	1430	14	84	118	6.000	0.712	0.119	8.0	22.74
3548	40.9742	116.3945	-200.1	453	OVI	0	0	0	0	69	45.0	1417	32	67	95	2.094	0.705	0.337	7.9	22.73
3549	40.9742	116.3941	-200.1	473	OVI	0	0	0	0	73	45.5	1509	24	98	96	4.083	1.021	0.250	7.9	22.72
3550	40.9742	116.3936	-200.1	484	OVI	0	0	0	0	82	45.7	1399	20	80	60	4.000	1.333	0.333	7.8	22.74
3551	40.9742	116.3932	-200.1	487	OVI	0	0	0	0	51	45.8	1458	44	67	94	1.523	0.713	0.468	7.8	22.75
3552	40.9742	116.3927	-200.1	494	OVI	0	0	1	0	66	46.0	1399	28	16	107	0.571	0.150	0.262	7.8	22.76
3553	40.9742	116.3923	-200.1	497	OVI	0	0	0	0	62	46.0	1480	25	52	109	2.080	0.477	0.229	7.7	22.74
3554	40.9742	116.3918	-200.1	494	OVI	0	0	0	0	73	41.5	1543	31	45	136	1.452	0.331	0.228	7.7	22.74
3555	40.9742	116.3914	-200.1	484	OVI	0	0	0	0	65	41.2	1474	33	74	110	2.242	0.673	0.300	7.6	22.75
3556	40.9742	116.3909	-200.1	445	OVI	0	0	0	0	62	40.4	1419	25	96	80	3.840	1.200	0.313	7.5	22.76
3557	40.9742	116.3905	-200.1	429	OVI	0	0	1	0	61	40.0	1391	34	16	109	0.471	0.147	0.312	7.5	22.78
3558	40.9742	116.3901	-200.1	442	OVI	0	0	0	0	58	40.3	1355	17	102	94	6.000	1.085	0.181	7.4	22.77
3559	40.9742	116.3896	-200.1	478	OVI	0	0	0	0	71	41.1	1414	20	92	63	3.172	1.460	0.460	7.4	22.77
3560	40.9742	116.3892	-200.1	495	OVI	0	0	1	0	64	41.5	1414	38	18	115	0.474	0.157	0.330	7.4	22.77
3561	40.9742	116.3887	-200.1	510	OVI	0	0	0	0	66	41.8	1485	19	89	91	4.684	0.978	0.209	7.4	22.78
3562	40.9742	116.3883	-200.1	523	OVI	0	0	0	0	59	42.0	1581	38	32	135	0.842	0.237	0.281	7.3	22.79
3563	40.9742	116.3878	-200.1	496	OVI	0	0	0	0	66	41.5	1569	47	53	118	1.128	0.449	0.398	7.3	22.79
3564	40.9742	116.3874	-200.1	490	OVI	0	0	0	0	82	41.4	1541	29	111	77	3.828	1.442	0.377	7.2	22.80
3565	40.9742	116.3869	-200.1	490	OVI	0	0	0	0	63	41.4	1597	43	131	58	3.047	2.259	0.741	7.3	22.80
3566	40.9742	116.3865	-200.1	491	OVI	0	0	0	0	60	41.4	1576	39	28	117	0.718	0.239	0.333	7.2	22.79
3567	40.9742	116.3860	-200.1	478	OVI	0	0	0	0	65	41.1	1623	48	30	138	0.625	0.217	0.348	7.2	22.82
3568	40.9742	116.3856	-200.1	433	OVI	0	0	0	0	70	40.1	1609	40	99	115	2.475	0.861	0.348	7.3	22.83
3569	40.9742	116.3851	-200.1	371	OVI	0	0	0	0	61	38.7	1490	21	113	97	5.381	1.165	0.216	7.3	22.86
3570	40.9742	116.3847	-200.1	333	OVI	0	0	0	0	64	37.8	1498	32	110	111	3.438	0.991	0.288	7.2	22.85
3571	40.9742	116.3842	-200.1	300	OVI	0	0	0	0	53	36.9	1463	27	101	115	3.741	0.878	0.235	7.2	22.83
3572	40.9742	116.3838	-200.1	259	OVI	0	0	0	0	48	35.8	1441	42	66	116	1.571	0.569	0.362	7.3	22.84
3573	40.9742	116.3833	-200.1	236	OVI	0	0	0	0	59	35.2	1445	36	95	98	2.639	0.969	0.367	7.2	22.83

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3574	40.9742	116.3829	-200.1	256	OVI	0	0	0	0	67	35.8	1389	27	104	108	3.852	0.963	0.250	7.2	22.81
3575	40.9743	116.3824	-200.1	300	OVI	0	0	0	0	45	36.9	1501	38	84	111	2.211	0.757	0.342	7.1	22.75
3576	40.9743	116.3820	-200.1	346	OVI	0	0	0	0	60	38.1	1457	39	53	115	1.359	0.461	0.339	7.2	22.74
3577	40.9743	116.3815	-200.1	379	OVI	0	0	0	0	59	38.9	1533	31	166	84	5.355	1.976	0.369	7.2	22.72
3578	40.9743	116.3811	-200.1	386	OVI	0	0	0	0	68	39.0	1481	19	180	57	9.474	3.158	0.333	7.1	22.69
3579	40.9743	116.3807	-200.1	376	OVI	0	0	0	0	63	38.8	1437	42	68	98	1.619	0.694	0.429	7.2	22.71
3580	40.9743	116.3802	-200.1	375	OVI	0	0	0	0	70	38.8	1404	23	105	89	4.565	1.180	0.258	7.1	22.69
3581	40.9743	116.3798	-200.1	391	OVI	0	0	0	0	76	39.2	1479	40	39	109	0.975	0.358	0.367	7.1	22.72
3582	40.9743	116.3793	-200.1	414	OVI	0	0	0	0	62	39.7	1560	36	78	120	2.167	0.650	0.300	7.1	22.69
3583	40.9743	116.3789	-200.1	451	OVI	0	0	0	0	58	40.5	1452	39	65	106	1.667	0.613	0.368	7.1	22.70
3584	40.9743	116.3784	-200.1	478	OVI	0	0	0	0	66	41.1	1613	28	109	115	3.893	0.948	0.243	7.1	22.71
3585	40.9743	116.3780	-200.1	489	OVI	0	0	0	0	48	41.3	1576	52	71	82	1.365	0.866	0.634	7.1	22.71
3586	40.9743	116.3775	-200.1	494	OVI	0	0	0	0	57	41.4	1578	42	60	81	1.429	0.741	0.519	7.1	22.71
3587	40.9743	116.3771	-200.1	498	OVI	0	0	0	0	77	41.5	1591	50	63	125	1.260	0.504	0.400	7.0	22.74
3588	40.9743	116.3766	-200.1	498	OVI	0	0	0	0	63	41.5	1637	40	68	125	1.700	0.544	0.320	7.0	22.73
3589	40.9743	116.3762	-200.1	496	OVI	0	0	0	0	53	41.5	1627	27	126	96	4.667	1.313	0.281	7.0	22.74
3590	40.9743	116.3757	-200.1	485	OVI	0	0	0	0	73	41.2	1644	26	66	147	2.538	0.449	0.177	7.0	22.75
3591	40.9743	116.3753	-200.1	481	OVI	0	0	0	0	68	41.2	1622	40	117	109	2.925	1.073	0.367	7.0	22.78
3592	40.9743	116.3748	-200.1	487	OVI	0	0	0	0	66	44.1	1633	25	136	88	5.440	1.545	0.284	6.9	22.77
3593	40.9743	116.3744	-200.1	480	OVI	0	0	0	0	66	44.0	1701	54	81	109	1.556	0.771	0.495	6.9	22.77
3594	40.9743	116.3739	-200.1	451	OVI	0	0	0	0	48	43.3	1699	48	107	91	2.229	1.176	0.527	6.9	22.76
3595	40.9743	116.3735	-200.1	413	OVI	0	0	0	0	75	42.4	1674	32	66	164	2.063	0.402	0.195	6.9	22.77
3596	40.9743	116.3730	-200.1	373	OVI	0	0	0	0	45	41.4	1600	36	147	122	4.083	1.205	0.295	6.9	22.75
3597	40.9743	116.3726	-200.1	337	OVI	0	0	0	0	54	40.5	1493	29	126	124	4.345	1.016	0.234	6.8	22.75
3598	40.9743	116.3721	-200.1	308	OVI	0	0	0	0	60	39.7	1403	40	89	64	2.225	1.391	0.625	6.9	22.72
3599	40.9743	116.3717	-200.1	283	OVI	0	0	0	0	55	39.0	1399	36	94	88	2.611	1.068	0.409	6.9	22.70
3600	40.9743	116.3713	-200.1	274	OVI	0	0	0	0	60	38.7	1329	39	82	82	2.103	1.000	0.476	6.9	22.66
3601	40.9743	116.3708	-200.1	278	OVI	0	0	0	0	49	38.8	1358	33	47	124	1.424	0.379	0.266	6.9	22.66
3602	40.9743	116.3704	-200.1	293	OVI	0	0	0	0	53	39.3	1377	21	123	89	5.857	1.382	0.236	6.9	22.65
3603	40.9743	116.3699	-200.1	319	OVI	0	0	0	0	55	40.0	1400	29	98	112	3.379	0.875	0.259	7.0	22.63
3604	40.9743	116.3695	-200.1	342	OVI	0	0	0	0	72	40.6	1490	28	69	127	2.464	0.543	0.220	7.0	22.60
3605	40.9743	116.3690	-200.1	362	OVI	0	0	0	0	63	41.1	1436	18	132	86	7.333	1.535	0.209	6.9	22.58
3606	40.9743	116.3686	-200.1	378	OVI	0	0	0	0	59	41.5	1472	37	56	121	1.514	0.463	0.306	6.9	22.59
3607	40.9743	116.3681	-200.1	382	OVI	0	0	0	0	78	41.6	1417	36	69	100	1.917	0.690	0.360	6.9	22.56
3608	40.9743	116.3677	-200.1	382	OVI	0	0	0	0	57	41.6	1435	22	84	112	3.818	0.750	0.196	7.0	22.58
3609	40.9743	116.3672	-200.1	379	OVI	0	0	0	0	62	41.5	1438	33	86	86	2.606	1.000	0.384	6.9	22.57
3610	40.9743	116.3668	-200.1	378	OVI	0	0	0	0	52	41.5	1513	37	102	102	2.757	1.000	0.363	6.9	22.55
3611	40.9743	116.3663	-200.1	381	OVI	0	0	0	0	74	43.1	1416	24	150	65	6.250	2.308	0.369	6.9	22.55
3612	40.9743	116.3659	-200.1	385	OVI	0	0	0	0	60	43.3	1434	25	97	78	3.880	1.244	0.321	6.9	22.54
3613	40.9743	116.3654	-200.1	393	OVI	0	0	1	0	66	43.5	1399	47	-5	111	-0.114	-0.045	0.396	6.9	22.53
3614	40.9743	116.3650	-200.1	402	OVI	0	0	0	0	53	43.7	1381	38	98	71	2.579	1.380	0.535	6.9	22.51
3615	40.9743	116.3645	-200.1	413	OVI	0	0	0	0	64	44.0	1455	26	92	79	3.538	1.165	0.329	6.9	22.53
3616	40.9743	116.3641	-200.1	419	OVI	0	0	0	0	76	44.1	1413	36	55	104	1.528	0.529	0.346	6.8	22.50
3617	40.9744	116.3636	-200.1	420	OVI	0	0	0	0	77	44.2	1471	30	91	106	3.033	0.858	0.283	6.8	22.52
3618	40.9744	116.3632	-200.1	421	OVI	0	0	0	0	75	44.2	1408	29	90	89	3.103	1.011	0.326	6.8	22.50
3619	40.9744	116.3627	-200.1	419	OVI	0	0	0	0	54	44.1	1493	30	94	88	3.133	1.068	0.341	6.8	22.49
3620	40.9744	116.3623	-200.1	410	OVI	0	0	0	0	79	43.9	1434	15	102	84	6.800	1.214	0.179	6.8	22.49
3621	40.9744	116.3619	-200.1	397	QA2	0	0	0	0	61	43.6	1416	45	47	76	1.044	0.618	0.592	6.8	22.50
3622	40.9744	116.3614	-200.1	383	QA2	0	0	0	0	66	43.2	1364	23	129	62	5.609	2.081	0.371	6.7	22.47
3623	40.9744	116.3610	-200.1	371	QA2	0	0	0	0	75	42.9	1369	26	63	108	2.423	0.583	0.241	6.8	22.50
3624	40.9744	116.3605	-200.1	362	QA2	0	0	0	0	70	42.6	1311	38	38	80	1.000	0.475	0.475	6.8	22.47
3625	40.9744	116.3601	-200.1	353	QA2	0	0	0	0	77	42.4	1353	29	66	82	2.276	0.805	0.354	6.8	22.49
3626	40.9744	116.3596	-200.1	355	QA2	0	0	0	0	61	42.5	1401	40	94	72	2.350	1.306	0.556	6.7	22.47
3627	40.9744	116.3592	-200.1	369	QA2	0	0	0	0	66	42.9	1366	30	70	103	2.333	0.680	0.291	6.7	22.44

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3628	40.9744	116.3587	-200.1	382	QA2	0	0	0	0	71	43.2	1380	36	43	77	1.194	0.558	0.468	6.8	22.44
3629	40.9744	116.3583	-200.1	387	QA2	0	0	0	0	75	43.3	1481	27	106	101	3.926	1.050	0.267	6.7	22.41
3630	40.9744	116.3578	-200.1	371	QA2	0	0	0	0	70	44.0	1428	25	59	131	2.360	0.450	0.191	6.7	22.42
3631	40.9744	116.3574	-200.1	347	QQA3	0	0	0	0	77	43.3	1312	23	100	81	4.348	1.235	0.284	6.7	22.41
3632	40.9744	116.3569	-200.1	325	QQA3	0	0	0	0	81	42.7	1367	24	72	115	3.000	0.626	0.209	6.7	22.40
3633	40.9744	116.3565	-200.1	304	QQA3	0	0	0	0	67	42.1	1385	22	133	80	6.045	1.662	0.275	6.6	22.39
3634	40.9744	116.3560	-200.1	291	QQA3	0	0	0	0	64	41.7	1317	16	106	97	6.625	1.093	0.165	6.6	22.37
3635	40.9744	116.3556	-200.1	273	QQA3	0	0	0	0	67	41.2	1339	32	64	79	2.000	0.810	0.405	6.6	22.36
3636	40.9744	116.3551	-200.1	265	QQA3	0	0	0	0	74	41.0	1299	34	83	71	2.441	1.169	0.479	6.6	22.34
3637	40.9744	116.3547	-200.1	264	QQA3	0	0	0	0	58	40.9	1323	30	54	98	1.800	0.551	0.306	6.6	22.32
3638	40.9744	116.3542	-200.1	271	QQA3	0	0	0	0	71	41.1	1277	27	87	66	3.222	1.318	0.409	6.6	22.33
3639	40.9744	116.3538	-200.1	281	QQA3	0	0	0	0	65	41.4	1244	18	135	49	7.500	2.755	0.367	6.5	22.28
3640	40.9744	116.3533	-200.1	294	QQA3	0	0	0	0	68	41.8	1263	30	50	93	1.667	0.538	0.323	6.5	22.25
3641	40.9744	116.3529	-200.1	306	QQA3	0	0	0	0	58	42.2	1155	23	38	86	1.652	0.442	0.267	6.5	22.24
3642	40.9744	116.3525	-200.1	318	QQA3	0	0	0	0	68	42.5	1232	23	110	44	4.783	2.500	0.523	6.4	22.23
3643	40.9744	116.3520	-200.1	333	QQA3	0	0	0	0	62	42.9	1195	12	44	108	3.667	0.407	0.111	6.3	22.22
3644	40.9744	116.3516	-200.1	345	QQA3	0	0	0	0	80	43.3	1238	32	54	81	1.688	0.667	0.395	6.3	22.19
3645	40.9744	116.3511	-200.1	365	QQA3	0	0	1	0	67	43.8	1251	35	22	76	0.629	0.289	0.461	6.3	22.18
3646	40.9744	116.3507	-200.1	377	QQA3	0	0	0	1	82	44.2	1216	4	101	63	25.250	1.603	0.063	6.3	22.15
3647	40.9744	116.3502	-200.1	392	QQA3	0	0	0	0	79	44.6	1245	21	69	63	3.286	1.095	0.333	6.3	22.16
3648	40.9744	116.3498	-200.1	410	QQA3	0	0	0	0	82	45.0	1317	33	40	89	1.212	0.449	0.371	6.2	22.14
3649	40.9744	116.3493	-200.1	423	QQA3	0	0	0	0	90	41.0	1295	22	73	82	3.318	0.890	0.268	6.2	22.13
3650	40.9744	116.3489	-200.1	429	QQA3	0	0	0	0	74	41.2	1322	22	107	43	4.864	2.488	0.512	6.2	22.13
3651	40.9744	116.3484	-200.1	426	QQA3	0	0	0	0	74	41.1	1298	28	73	78	2.607	0.936	0.359	6.2	22.12
3652	40.9744	116.3480	-200.1	417	QQA3	0	0	0	0	86	40.9	1333	25	64	52	2.560	1.231	0.481	6.1	22.12
3653	40.9744	116.3475	-200.1	407	QQA3	0	0	0	0	72	40.7	1280	30	59	60	1.967	0.983	0.500	6.1	22.12
3654	40.9744	116.3471	-200.1	397	QQA3	0	0	0	0	63	40.4	1255	15	123	63	8.200	1.952	0.238	6.1	22.12
3655	40.9744	116.3466	-200.1	385	QQA3	0	0	0	0	73	40.2	1212	16	35	89	2.188	0.393	0.180	6.1	22.13
3656	40.9744	116.3462	-200.1	370	QQA3	0	0	0	0	78	39.8	1199	13	66	102	5.077	0.647	0.127	6.1	22.12
3657	40.9744	116.3457	-200.1	363	QQA3	0	0	0	0	75	39.6	1269	13	81	94	6.231	0.862	0.138	6.1	22.12
3658	40.9744	116.3453	-200.1	368	QQA3	0	0	0	0	70	39.7	1333	16	101	72	6.313	1.403	0.222	6.1	22.11
3659	40.9744	116.3448	-200.1	369	QQA3	0	0	0	0	72	39.8	1232	28	73	67	2.607	1.090	0.418	6.0	22.11
3660	40.9745	116.3444	-200.1	381	QQA3	0	0	0	0	77	40.1	1266	32	83	63	2.594	1.317	0.508	6.1	22.12
3661	40.9745	116.3439	-200.1	387	QQA3	0	0	0	0	65	40.2	1338	34	59	103	1.735	0.573	0.330	5.9	22.09
3662	40.9745	116.3435	-200.1	393	QQA3	0	0	0	0	81	40.4	1306	32	55	63	1.719	0.873	0.508	6.0	22.09
3663	40.9745	116.3431	-200.1	399	QQA3	0	0	0	0	80	40.5	1401	22	93	73	4.227	1.274	0.301	5.9	22.09
3664	40.9745	116.3426	-200.1	399	QQA3	0	0	0	0	83	40.5	1362	24	70	80	2.917	0.875	0.300	5.9	22.07
3665	40.9745	116.3422	-200.1	392	QQA3	0	0	0	0	81	40.3	1320	28	50	76	1.786	0.658	0.368	5.9	22.07
3666	40.9745	116.3417	-200.1	384	QQA3	0	0	0	0	73	40.1	1356	28	62	94	2.214	0.660	0.298	5.9	22.07
3667	40.9745	116.3413	-200.1	374	QQA3	0	0	0	0	75	39.9	1399	25	115	68	4.600	1.691	0.368	5.9	22.04
3668	40.9745	116.3408	-200.1	360	QQA3	0	0	0	0	77	39.8	1348	24	57	100	2.375	0.570	0.240	5.9	22.03
3669	40.9745	116.3404	-200.1	353	QQA3	0	0	0	0	71	39.6	1330	25	90	75	3.600	1.200	0.333	5.9	22.01
3670	40.9745	116.3399	-200.1	356	QQA3	0	0	0	0	66	39.7	1274	14	119	50	8.500	2.380	0.280	5.9	22.01
3671	40.9745	116.3395	-200.1	387	QQA3	0	0	0	0	75	40.4	1286	24	85	46	3.542	1.848	0.522	5.9	22.01
3672	40.9745	116.3390	-200.1	416	QQA3	0	0	0	0	73	41.1	1416	34	88	56	2.588	1.571	0.607	5.9	22.00
3673	40.9745	116.3386	-200.1	442	QQA3	0	0	0	0	65	41.7	1380	20	69	93	3.450	0.742	0.215	5.8	21.97
3674	40.9745	116.3381	-200.1	470	QQA3	0	0	0	0	82	42.4	1399	21	63	71	3.000	0.837	0.296	5.7	21.95
3675	40.9745	116.3377	-200.1	485	QQA3	0	0	0	0	73	42.7	1376	22	41	99	1.864	0.414	0.222	5.7	21.94
3676	40.9745	116.3372	-200.1	488	QQA3	0	0	0	0	76	42.7	1374	28	66	85	2.357	0.776	0.329	5.7	21.94
3677	40.9745	116.3368	-200.1	491	QQA3	0	0	0	0	62	42.8	1391	23	69	84	3.000	0.821	0.274	5.7	21.94
3678	40.9745	116.3363	-200.1	491	QQA3	0	0	0	0	72	42.8	1404	27	96	57	3.556	1.684	0.474	5.7	21.93
3679	40.9745	116.3359	-200.1	490	QQA3	0	0	0	0	76	42.8	1437	16	90	95	5.625	0.947	0.168	5.7	21.94
3680	40.9745	116.3354	-200.1	486	QQA3	0	0	0	0	64	42.7	1428	44	45	101	1.023	0.446	0.436	5.6	21.96
3681	40.9745	116.3350	-200.1	459	QQA3	0	0	0	0	83	42.1	1428	25	60	90	2.400	0.667	0.278	5.6	21.97

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3682	40.9745	116.3345	-200.1	420	QOA3	0	0	0	0	81	41.2	1418	24	64	88	2.667	0.727	0.273	5.6	21.97
3683	40.9745	116.3341	-200.1	386	QOA3	0	0	0	0	53	40.4	1401	31	69	90	2.226	0.767	0.344	5.7	21.99
3684	40.9745	116.3337	-200.1	357	QOA3	0	0	0	0	68	39.7	1357	30	110	54	3.667	2.037	0.556	5.6	21.99
3685	40.9745	116.3332	-200.1	326	QOA3	0	0	0	0	89	38.9	1266	15	100	73	6.667	1.370	0.205	5.6	21.98
3686	40.9745	116.3328	-200.1	297	QOA3	0	0	0	0	64	38.1	1200	25	96	61	3.840	1.574	0.410	5.5	21.98
3687	40.9745	116.3323	-200.1	271	OVI	0	0	0	0	86	41.9	1109	16	29	79	1.813	0.367	0.203	5.5	21.97
3688	40.9745	116.3319	-200.1	244	OVI	0	0	0	0	70	41.0	1186	20	74	83	3.700	0.892	0.241	5.5	21.97
3689	40.9745	116.3314	-200.1	228	OVI	0	0	0	0	75	40.5	1141	29	39	79	1.345	0.494	0.367	5.6	21.96
3690	40.9745	116.3310	-200.1	222	OVI	0	0	0	0	69	40.3	1079	24	63	65	2.625	0.969	0.369	5.5	21.95
3691	40.9745	116.3305	-200.1	245	OVI	0	0	0	0	71	41.1	1162	25	66	70	2.640	0.943	0.357	5.5	21.95
3692	40.9745	116.330[illegible]	-200.1	271	OVI	0	0	0	0	86	41.9	1169	15	76	75	5.067	1.013	0.200	5.5	21.93
3693	40.9745	116.3296	-200.1	306	OVI	0	0	0	0	74	42.9	1315	33	41	111	1.242	0.369	0.297	5.5	21.92
3694	40.9745	116.3292	-200.1	340	OVI	0	0	0	0	68	43.9	1359	21	102	94	4.857	1.085	0.223	5.6	21.93
3695	40.9745	116.3287	-200.1	365	OVI	0	0	0	0	76	44.6	1404	32	50	103	1.563	0.485	0.311	5.5	21.89
3696	40.9745	116.3283	-200.1	381	OVI	0	0	0	0	95	45.1	1406	32	42	97	1.313	0.433	0.330	5.5	21.90
3697	40.9745	116.3278	-200.1	398	OVI	0	0	0	0	82	45.5	1353	31	44	84	1.419	0.524	0.369	5.5	21.89
3698	40.9745	116.3274	-200.1	414	OVI	0	0	0	0	82	46.0	1470	43	50	91	1.163	0.549	0.473	5.5	21.89
3699	40.9745	116.3269	-200.1	432	OVI	0	0	0	0	79	46.4	1447	31	94	64	3.032	1.469	0.484	5.4	21.89
3700	40.9745	116.3265	-200.1	451	OVI	0	0	0	0	89	46.9	1491	18	139	80	7.722	1.737	0.225	5.5	21.90
3701	40.9745	116.3260	-200.1	456	OVI	0	0	0	0	73	47.0	1564	26	99	87	3.808	1.138	0.299	5.5	21.89
3702	40.9746	116.3256	-200.1	451	OVI	0	0	0	0	82	46.9	1453	36	91	68	2.528	1.338	0.529	5.5	21.89
3703	40.9746	116.3251	-200.1	433	OVI	0	0	0	0	73	46.4	1544	33	62	115	1.879	0.539	0.287	5.5	21.90
3704	40.9746	116.3247	-200.1	425	OVI	0	0	0	0	78	46.2	1522	39	31	102	0.795	0.304	0.382	5.4	21.90
3705	40.9746	116.3243	-200.1	419	OVI	0	0	0	0	63	46.1	1501	27	96	102	3.556	0.941	0.265	5.5	21.91
3706	40.9746	116.3238	-200.1	417	OVI	0	0	0	0	84	50.6	1474	26	89	88	3.423	1.011	0.295	5.5	21.89
3707	40.9746	116.3234	-200.1	422	OVI	0	0	0	0	92	50.7	1552	43	72	103	1.674	0.699	0.417	5.5	21.93
3708	40.9746	116.3229	-200.1	418	OVI	0	0	0	0	83	50.6	1525	32	47	122	1.469	0.385	0.262	5.5	21.91
3709	40.9746	116.3225	-200.1	401	OVI	0	0	0	0	64	50.1	1559	35	89	94	2.543	0.947	0.372	5.5	21.93
3710	40.9746	116.3220	-200.1	377	OVI	0	0	0	0	74	49.4	1495	31	58	101	1.871	0.574	0.307	5.5	21.91
3711	40.9746	116.3216	-200.1	355	OVI	0	0	1	0	86	48.7	1456	34	21	137	0.618	0.153	0.248	5.5	21.96
3712	40.9746	116.3211	-200.1	335	OVI	0	0	1	0	85	48.1	1386	32	4	113	0.125	0.035	0.283	5.5	21.93
3713	40.9746	116.3207	-200.1	339	OVI	0	0	0	0	57	48.2	1382	29	79	91	2.724	0.868	0.319	5.5	21.93
3714	40.9746	116.3202	-200.1	365	OVI	0	0	0	0	87	49.0	1345	32	41	98	1.281	0.418	0.327	5.5	21.94
3715	40.9746	116.3198	-200.1	402	OVI	0	0	1	0	82	50.1	1403	39	25	95	0.641	0.263	0.411	5.5	21.93
3716	40.9746	116.3193	-200.1	446	OVI	0	0	0	0	92	51.4	1385	22	53	99	2.409	0.535	0.222	5.6	21.97
3717	40.9746	116.3189	-200.1	485	OVI	0	0	0	0	75	52.4	1520	13	89	99	6.846	0.899	0.131	5.5	21.96
3718	40.9746	116.3184	-200.1	496	OVI	0	0	0	0	89	52.7	1499	12	59	120	4.917	0.492	0.100	5.5	21.98
3719	40.9746	116.3180	-200.1	539	OVI	0	0	0	0	70	53.8	1526	40	62	83	1.550	0.747	0.482	5.5	22.00
3720	40.9746	116.3175	-200.1	574	OVI	0	0	0	0	75	54.7	1617	30	69	101	2.300	0.683	0.297	5.5	21.98
3721	40.9746	116.3171	-200.1	592	OVI	0	0	1	0	76	55.1	1756	37	24	172	0.649	0.140	0.215	5.5	21.99
3722	40.9746	116.3166	-200.1	604	OVI	0	0	0	0	70	55.4	1695	28	69	127	2.464	0.543	0.220	5.5	22.00
3723	40.9746	116.3162	-200.1	573	OVI	0	0	0	0	70	54.7	1677	20	88	92	4.400	0.957	0.217	5.6	22.02
3724	40.9746	116.3157	-200.1	562	OVI	0	0	0	0	59	54.4	1666	37	85	116	2.297	0.733	0.319	5.6	22.04
3725	40.9746	116.3153	-200.1	528	OVI	0	0	0	0	76	54.6	1691	41	75	119	1.829	0.630	0.345	5.6	22.01
3726	40.9746	116.3149	-200.1	503	OVI	0	0	0	0	70	54.0	1606	37	82	76	2.216	1.079	0.487	5.6	22.03
3727	40.9746	116.3144	-200.1	494	OVI	0	0	0	0	62	53.7	1649	39	52	128	1.333	0.406	0.305	5.6	22.04
3728	40.9746	116.3140	-200.1	491	OVI	0	0	0	0	78	53.6	1694	30	68	132	2.267	0.515	0.227	5.7	22.05
3729	40.9746	116.3135	-200.1	486	OVI	0	0	0	0	78	53.5	1773	38	39	175	1.026	0.223	0.217	5.7	22.06
3730	40.9746	116.3131	-200.1	482	OVI	0	0	1	0	73	53.4	1719	38	19	158	0.500	0.120	0.241	5.6	22.05
3731	40.9746	116.3126	-200.1	472	OVI	0	0	0	0	64	53.1	1741	39	96	127	2.462	0.756	0.307	5.7	22.05
3732	40.9746	116.3122	-200.1	456	OVI	0	0	0	0	89	52.7	1789	41	99	134	2.415	0.739	0.306	5.7	22.05
3733	40.9746	116.3117	-200.1	434	OVI	0	0	0	0	62	52.0	1805	52	80	149	1.538	0.537	0.349	5.7	22.07
3734	40.9746	116.3113	-200.1	407	OVI	0	0	0	0	74	51.2	1726	40	75	166	1.875	0.452	0.241	5.7	22.06
3735	40.9746	116.3108	-200.1	388	OVI	0	0	0	0	74	50.7	1706	54	66	119	1.222	0.555	0.454	5.7	22.05

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	IL	BI	K	BI:IL	BI:K	IL:K	TEMP	BP
3736	40.9746	116.3104	-200.1	366	OVI	0	0	0	0	57	50.0	1722	41	78	144	1.902	0.542	0.285	5.7	22.04
3737	40.9746	116.3099	-200.1	348	OVI	0	0	0	0	85	49.4	1601	23	93	137	4.043	0.679	0.168	5.7	22.04
3738	40.9746	116.3095	-200.1	329	OVI	0	0	0	0	66	48.8	1662	42	103	116	2.452	0.888	0.362	5.7	22.03
3739	40.9746	116.3090	-200.1	314	OVI	0	0	0	0	79	48.3	1646	34	84	142	2.471	0.592	0.239	5.8	22.03
3740	40.9746	116.3086	-200.1	301	OVI	0	0	0	0	80	47.9	1737	30	105	161	3.500	0.652	0.186	5.7	22.03
3741	40.9746	116.3081	-200.1	289	OVI	0	0	0	0	83	47.5	1720	34	48	203	1.412	0.236	0.167	5.8	22.04
3742	40.9746	116.3077	-200.1	277	OVI	0	0	0	0	72	47.1	1732	34	114	145	3.353	0.786	0.234	5.8	22.02
3743	40.9746	116.3072	-200.1	267	OVI	0	0	1	0	74	46.7	1618	48	24	164	0.500	0.146	0.293	5.8	21.99
3744	40.9746	116.3068	-200.1	256	OVI	0	0	0	0	86	45.5	1581	24	119	134	4.958	0.888	0.179	5.8	22.00
3745	40.9747	116.3063	-200.1	247	OVI	0	0	0	0	95	45.2	1563	20	89	164	4.450	0.543	0.122	5.9	22.00
3746	40.9747	116.3059	-200.1	245	OVI	0	0	0	0	58	45.1	1584	27	110	150	4.074	0.733	0.180	5.9	22.01
3747	40.9747	116.3055	-200.1	242	OVI	0	0	0	0	68	45.0	1477	31	71	135	2.290	0.526	0.230	5.9	22.00
3748	40.9747	116.3050	-200.1	243	OVI	0	0	0	0	82	45.0	1506	34	84	121	2.471	0.694	0.281	5.9	22.01
3749	40.9747	116.3046	-200.1	251	OVI	0	0	0	0	75	45.3	1580	30	105	144	3.500	0.729	0.208	5.9	22.00
3750	40.9747	116.3041	-200.1	261	OVI	0	0	0	0	67	45.6	1610	31	73	154	2.355	0.474	0.201	5.9	21.99
3751	40.9747	116.3037	-200.1	276	OVI	0	0	0	0	75	46.1	1625	17	137	136	8.059	1.007	0.125	5.9	22.00
3752	40.9747	116.3032	-200.1	297	OVI	0	0	0	0	61	46.9	1700	25	147	131	5.880	1.122	0.191	5.9	22.01
3753	40.9747	116.3028	-200.1	316	OVI	0	0	0	0	73	47.5	1666	24	95	167	3.958	0.569	0.144	5.9	22.03
3754	40.9747	116.3023	-200.1	336	OVI	0	0	0	0	76	48.1	1730	38	112	131	2.947	0.855	0.290	5.9	22.02
3755	40.9747	116.3019	-200.1	354	OVI	0	0	1	0	75	48.6	1697	46	16	161	0.348	0.099	0.286	5.9	22.04
3756	40.9747	116.3014	-200.1	374	OVI	0	0	0	0	70	49.3	1684	19	152	124	8.000	1.226	0.153	5.9	22.07
3757	40.9747	116.3010	-200.1	394	OVI	0	0	0	0	67	49.9	1773	53	54	178	1.019	0.303	0.298	5.9	22.06
3758	40.9747	116.3005	-200.1	418	OVI	0	0	0	0	66	50.6	1790	51	65	142	1.275	0.458	0.359	6.1	22.09
3759	40.9747	116.3001	-200.1	436	OVI	0	0	0	0	77	51.1	1764	32	110	128	3.438	0.859	0.250	5.9	22.09
3760	40.9747	116.2996	-200.1	454	OVI	0	0	0	0	62	51.6	1692	19	138	111	7.263	1.243	0.171	5.9	22.09
3761	40.9747	116.2992	-200.1	465	OVI	0	0	0	0	74	51.9	1723	25	62	140	2.480	0.443	0.179	6.0	22.10
3762	40.9747	116.2987	-200.1	484	OVI	0	0	0	0	68	52.4	1683	38	97	107	2.553	0.907	0.355	6.0	22.12
3763	40.9747	116.2983	-200.1	491	OVI	0	0	0	0	50	53.0	1742	30	112	145	3.733	0.772	0.207	6.1	22.15
3764	40.9747	116.2978	-200.1	491	OVI	0	0	0	0	87	53.0	1758	22	109	116	4.955	0.940	0.190	6.1	22.15
3765	40.9747	116.2974	-200.1	491	OVI	0	0	0	0	50	53.0	1651	31	79	141	2.548	0.560	0.220	6.2	22.15
3766	40.9747	116.2969	-200.1	494	OVI	0	0	0	0	63	53.0	1733	32	133	113	4.156	1.177	0.283	6.1	22.17
3767	40.9747	116.2965	-200.1	494	OVI	0	0	0	0	82	53.0	1701	31	79	152	2.548	0.520	0.204	6.2	22.18
3768	40.9747	116.2961	-200.1	490	OVI	0	0	0	0	61	52.9	1700	36	64	137	1.778	0.467	0.263	6.3	22.19
3769	40.9747	116.2956	-200.1	470	OVI	0	0	0	0	63	52.4	1707	34	83	134	2.441	0.619	0.254	6.3	22.21
3770	40.9747	116.2952	-200.1	423	OVI	0	0	0	0	64	51.1	1637	32	107	108	3.344	0.991	0.296	6.3	22.22
3771	40.9747	116.2947	-200.1	382	OVI	0	0	0	0	71	49.9	1573	34	93	120	2.735	0.775	0.283	6.5	22.25
3772	40.9747	116.2943	-200.1	361	OVI	0	0	0	0	56	49.2	1449	32	62	114	1.938	0.544	0.281	6.5	22.25
3773	40.9747	116.2938	-200.1	365	OVI	0	0	0	0	94	49.3	1464	35	65	71	1.857	0.915	0.493	6.5	22.25
3774	40.9747	116.2934	-200.1	378	OVI	0	0	0	0	67	49.7	1536	30	75	112	2.500	0.670	0.268	6.6	22.27
3775	40.9747	116.2929	-200.1	397	OVI	0	0	0	0	63	50.3	1569	45	65	110	1.413	0.591	0.418	6.6	22.31
3776	40.9747	116.2925	-200.1	427	OVI	0	0	0	0	65	51.2	1551	27	110	99	4.074	1.111	0.273	6.7	22.31
3777	40.9747	116.2920	-200.1	473	OVI	0	0	0	0	57	52.5	1648	25	85	150	3.400	0.567	0.167	6.7	22.28
3778	40.9747	116.2916	-200.1	498	OVI	0	0	0	0	70	53.2	1578	32	77	99	2.406	0.778	0.323	6.8	22.29
3779	40.9747	116.2911	-200.1	556	OVI	0	0	0	0	71	54.6	1564	37	64	68	1.730	0.941	0.544	6.8	22.29
3780	40.9747	116.2907	-200.1	594	OVI	0	0	0	0	54	55.6	1666	27	108	101	4.000	1.069	0.267	6.9	22.31
3781	40.9747	116.2902	-200.1	588	OVI	0	0	0	0	70	55.4	1604	17	77	115	4.529	0.670	0.148	6.8	22.31
3782	40.9747	116.2898	-200.1	572	OVI	0	0	0	0	74	54.5	1656	29	31	155	1.069	0.200	0.187	6.9	22.29
3783	40.9747	116.2893	-200.1	588	OVI	0	0	0	0	80	54.8	1594	19	104	70	5.474	1.486	0.271	7.0	22.30
3784	40.9747	116.2889	-200.1	602	OVI	0	0	0	0	71	55.2	1615	33	47	106	1.424	0.443	0.311	6.9	22.29
3785	40.9747	116.2884	-200.1	623	OVI	0	0	0	0	90	55.6	1605	15	65	112	4.333	0.580	0.134	7.0	22.29
3786	40.9747	116.2880	-200.1	618	OVI	0	0	0	0	61	55.5	1553	36	39	117	1.083	0.333	0.308	7.1	22.31
3787	40.9748	116.2875	-200.1	671	OVI	0	0	0	0	69	56.7	1586	31	114	61	3.677	1.869	0.508	7.1	22.31
3788	40.9748	116.2871	-200.1	686	OVI	0	1	0	0	79	57.0	1611	41	75	23	1.829	3.261	1.783	7.2	22.33
3789	40.9748	116.2867	-200.1	732	OVI	1	0	0	0	57	58.0	1625	32	76	91	2.375	0.835	0.352	7.2	22.35

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3790	40.9748	116.2862	-200.1	804	OVI	1	0	0	0	77	59.4	1661	16	48	110	3.000	0.436	0.145	7.3	22.36
3791	40.9748	116.2858	-200.1	868	OVI	1	0	0	0	77	60.6	1649	23	63	87	2.739	0.724	0.264	7.3	22.37
3792	40.9748	116.2853	-200.1	878	OVI	1	0	0	0	67	60.8	1712	49	35	129	0.714	0.271	0.380	7.3	22.38
3793	40.9748	116.2849	-200.1	892	OVI	1	0	1	0	70	61.0	1702	40	11	123	0.275	0.089	0.325	7.4	22.39
3794	40.9748	116.2844	-200.1	844	OVI	1	0	0	0	81	60.1	1723	18	84	132	4.667	0.636	0.136	7.4	22.41
3795	40.9748	116.2840	-200.1	822	OVI	1	0	0	0	46	59.8	1671	45	73	123	1.622	0.593	0.366	7.5	22.41
3796	40.9748	116.2835	-200.1	762	OVI	1	0	1	0	66	58.6	1745	54	0	132	0.019	0.008	0.409	7.5	22.42
3797	40.9748	116.2831	-200.1	696	OVI	0	0	0	0	78	57.3	1605	17	67	92	3.941	0.728	0.185	7.6	22.42
3798	40.9748	116.2826	-200.1	601	OVI	0	0	0	0	67	55.1	1542	34	66	110	1.941	0.600	0.309	7.5	22.42
3799	40.9748	116.2822	-200.1	541	OVI	0	0	0	0	63	53.7	1559	35	71	96	2.029	0.740	0.365	7.6	22.42
3800	40.9748	116.2817	-200.1	530	OVI	0	0	0	0	83	53.4	1624	34	72	60	2.118	1.200	0.567	7.6	22.42
3801	40.9748	116.2813	-200.1	501	OVI	0	0	0	0	76	50.5	1615	35	103	92	2.943	1.120	0.380	7.6	22.41
3802	40.9748	116.2808	-200.1	493	OVI	0	0	0	0	62	50.3	1611	35	97	109	2.771	0.890	0.321	7.7	22.42
3803	40.9748	116.2804	-200.1	472	OVI	0	0	0	0	72	49.8	1608	28	76	150	2.714	0.507	0.187	7.7	22.40
3804	40.9748	116.2799	-200.1	405	OVI	0	0	0	0	73	48.0	1627	28	106	104	3.786	1.019	0.269	7.7	22.41
3805	40.9748	116.2795	-200.1	348	OVI	0	0	0	0	47	46.4	1537	14	210	63	15.000	3.333	0.222	7.7	22.39
3806	40.9748	116.2790	-200.1	298	OVI	0	0	0	0	53	44.8	1511	31	76	138	2.452	0.551	0.225	7.8	22.38
3807	40.9748	116.2786	-200.1	249	OVI	0	0	0	0	65	43.2	1457	36	72	114	2.000	0.632	0.316	7.7	22.36
3808	40.9748	116.2781	-200.1	229	OVI	0	0	0	0	71	42.6	1429	26	96	132	3.692	0.727	0.197	7.7	22.36
3809	40.9748	116.2777	-200.1	248	OVI	0	0	0	0	63	43.2	1436	27	79	131	2.926	0.603	0.206	7.8	22.35
3810	40.9748	116.2773	-200.1	264	OVI	0	0	0	0	77	43.7	1401	33	33	129	1.000	0.256	0.256	7.8	22.34
3811	40.9748	116.2768	-200.1	252	OVI	0	0	0	0	47	43.3	1424	35	92	97	2.629	0.948	0.361	7.7	22.29
3812	40.9748	116.2764	-200.1	237	OVI	0	0	0	0	67	42.8	1336	34	92	98	2.706	0.939	0.347	7.7	22.29
3813	40.9748	116.2759	-200.1	229	OVI	0	0	1	0	77	42.6	1310	27	18	141	0.667	0.128	0.191	7.7	22.27
3814	40.9748	116.2755	-200.1	236	OVI	0	0	0	0	79	42.8	1332	25	86	109	3.440	0.789	0.229	7.7	22.25
3815	40.9748	116.2750	-200.1	287	OVI	0	0	0	0	72	44.5	1337	36	55	93	1.528	0.591	0.387	7.7	22.24
3816	40.9748	116.2746	-200.1	347	OVI	0	0	0	0	81	46.3	1443	27	76	122	2.815	0.623	0.221	7.6	22.20
3817	40.9748	116.2741	-200.1	387	OVI	0	0	1	0	54	47.5	1559	35	17	163	0.486	0.104	0.215	7.7	22.19
3818	40.9748	116.2737	-200.1	412	OVI	0	0	0	0	77	48.2	1544	19	124	94	6.526	1.319	0.202	7.7	22.18
3819	40.9748	116.2732	-200.1	409	OVI	0	0	0	0	51	48.1	1456	13	168	97	12.923	1.732	0.134	7.6	22.17
3820	40.9748	116.2728	-200.1	407	OVI	0	0	0	0	64	46.8	1525	29	67	124	2.310	0.540	0.234	7.6	22.15
3821	40.9748	116.2723	-200.1	412	OVI	0	0	0	0	82	46.9	1411	14	77	98	5.500	0.786	0.143	7.6	22.15
3822	40.9748	116.2719	-200.1	426	OVI	0	0	0	0	59	47.3	1527	20	102	153	5.100	0.667	0.131	7.5	22.14
3823	40.9748	116.2714	-200.1	446	OVI	0	0	0	0	74	47.8	1475	24	50	128	2.083	0.391	0.188	7.5	22.13
3824	40.9748	116.2710	-200.1	480	OVI	0	0	0	0	60	48.7	1577	28	76	130	2.714	0.585	0.215	7.5	22.11
3825	40.9748	116.2705	-200.1	492	OVI	0	0	0	0	79	49.0	1674	23	182	87	7.913	2.092	0.264	7.5	22.12
3826	40.9748	116.2701	-200.1	494	OVI	0	0	0	0	86	49.0	1544	24	79	113	3.292	0.699	0.212	7.5	22.11
3827	40.9748	116.2696	-200.1	496	OVI	0	0	0	0	80	49.1	1661	25	93	115	3.720	0.809	0.217	7.5	22.12
3828	40.9748	116.2692	-200.1	497	OVI	0	0	0	0	78	49.1	1575	17	123	101	7.235	1.218	0.168	7.4	22.11
3829	40.9749	116.2687	-200.1	496	OVI	0	0	0	0	78	49.1	1601	32	50	123	1.563	0.407	0.260	7.4	22.08
3830	40.9749	116.2683	-200.1	497	OVI	0	0	0	0	84	49.1	1583	28	77	98	2.750	0.786	0.286	7.4	22.08
3831	40.9749	116.2679	-200.1	497	OVI	0	0	0	0	58	49.1	1595	14	176	53	12.571	3.321	0.264	7.4	22.07
3832	40.9749	116.2674	-200.1	492	OVI	0	0	0	0	73	49.0	1615	29	147	86	5.069	1.709	0.337	7.4	22.07
3833	40.9749	116.2670	-200.1	482	OVI	0	0	0	0	66	48.7	1615	26	154	70	5.923	2.200	0.371	7.3	22.05
3834	40.9749	116.2665	-200.1	436	OVI	0	0	0	0	83	47.5	1570	33	58	115	1.758	0.504	0.287	7.3	22.06
3835	40.9749	116.2661	-200.1	381	OVI	0	0	0	0	91	46.1	1614	23	70	145	3.043	0.483	0.159	7.3	22.03
3836	40.9749	116.2656	-200.1	335	OVI	0	0	0	0	73	44.7	1442	31	46	118	1.484	0.390	0.263	7.2	22.01
3837	40.9749	116.2652	-200.1	294	OVI	0	0	0	0	76	43.5	1494	15	90	150	6.000	0.600	0.100	7.2	21.99
3838	40.9749	116.2647	-200.1	262	OVI	0	0	0	0	87	42.5	1469	27	64	126	2.370	0.508	0.214	7.1	22.01
3839	40.9749	116.2643	-200.1	235	OVI	0	0	0	0	75	43.4	1407	33	53	116	1.606	0.457	0.284	7.1	21.97
3840	40.9749	116.2638	-200.1	216	OVI	0	0	0	0	79	42.7	1362	32	80	95	2.500	0.842	0.337	7.1	21.93
3841	40.9749	116.2634	-200.1	202	OVI	0	0	0	0	74	42.2	1371	30	78	111	2.600	0.703	0.270	7.0	21.93
3842	40.9749	116.2629	-200.1	193	OVI	0	0	0	0	69	41.9	1376	34	83	97	2.441	0.856	0.351	7.0	21.91
3843	40.9749	116.2625	-200.1	197	OVI	0	0	1	0	99	42.1	1368	34	12	140	0.353	0.086	0.243	7.0	21.91

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3844	40.9749	116.2620	-200.1	224	OVI	0	0	0	0	88	43.0	1384	16	90	126	5.625	0.714	0.127	7.0	21.91
3845	40.9749	116.2616	-200.1	252	OVI	0	0	0	0	78	44.0	1418	21	107	101	5.095	1.059	0.208	6.9	21.88
3846	40.9749	116.2611	-200.1	285	OVI	0	0	0	0	71	45.0	1460	26	133	89	5.115	1.494	0.292	6.9	21.87
3847	40.9749	116.2607	-200.1	313	OVI	0	0	0	0	76	45.9	1498	39	66	130	1.692	0.508	0.300	6.9	21.86
3848	40.9749	116.2602	-200.1	346	OVI	0	0	0	0	93	46.9	1440	27	49	128	1.815	0.383	0.211	6.9	21.84
3849	40.9749	116.2598	-200.1	370	OVI	0	0	0	0	88	47.7	1605	26	102	130	3.923	0.785	0.200	6.9	21.84
3850	40.9749	116.2593	-200.1	384	QOA3	0	0	0	0	90	48.1	1469	28	38	122	1.357	0.311	0.230	6.8	21.84
3851	40.9749	116.2589	-200.1	392	QOA3	0	0	1	0	73	48.3	1457	42	6	130	0.143	0.046	0.323	6.8	21.83
3852	40.9749	116.2585	-200.1	399	QOA3	0	0	0	0	76	48.5	1492	29	88	108	3.034	0.815	0.269	6.8	21.85
3853	40.9749	116.2580	-200.1	400	QOA3	0	0	0	0	65	48.5	1494	27	34	142	1.259	0.239	0.190	6.8	21.86
3854	40.9749	116.2576	-200.1	393	QOA3	0	0	0	0	90	48.3	1486	20	117	73	5.850	1.603	0.274	6.8	21.84
3855	40.9749	116.2571	-200.1	379	QOA3	0	0	0	0	60	47.9	1408	25	78	120	3.120	0.650	0.208	6.7	21.86
3856	40.9749	116.2567	-200.1	368	QOA3	0	0	0	0	86	47.6	1361	23	76	98	3.304	0.776	0.235	6.7	21.86
3857	40.9749	116.2562	-200.1	363	QOA3	0	0	0	0	87	47.5	1386	31	52	116	1.677	0.448	0.267	6.7	21.86
3858	40.9749	116.2558	-200.1	357	QOA3	0	0	0	0	77	48.5	1473	54	70	73	1.296	0.959	0.740	6.7	21.86
3859	40.9749	116.2553	-200.1	352	QOA3	0	0	0	0	89	48.3	1438	21	120	74	5.714	1.622	0.284	6.7	21.86
3860	40.9749	116.2549	-200.1	342	QOA3	0	0	0	0	71	48.0	1495	28	108	97	3.857	1.113	0.289	6.6	21.87
3861	40.9749	116.2544	-200.1	340	QOA3	0	0	0	0	59	47.9	1537	23	86	149	3.739	0.577	0.154	6.7	21.87
3862	40.9749	116.2540	-200.1	325	QOA3	0	0	0	0	77	47.5	1516	39	67	112	1.718	0.598	0.348	6.7	21.87
3863	40.9749	116.2535	-200.1	294	QOA3	0	0	0	0	68	46.4	1474	23	124	104	5.391	1.192	0.221	6.6	21.89
3864	40.9749	116.2531	-200.1	272	QOA3	0	0	0	0	74	45.7	1478	30	125	101	4.167	1.238	0.297	6.6	21.87
3865	40.9749	116.2526	-200.1	259	QOA3	0	0	0	0	70	45.3	1450	34	89	85	2.618	1.047	0.400	6.5	21.87
3866	40.9749	116.2522	-200.1	258	QOA3	0	0	0	0	77	45.3	1387	19	135	83	7.105	1.627	0.229	6.6	21.87
3867	40.9749	116.2517	-200.1	267	QOA3	0	0	0	0	63	45.5	1372	33	83	98	2.515	0.847	0.337	6.5	21.86
3868	40.9749	116.2513	-200.1	289	QOA3	0	0	0	0	85	46.3	1398	27	91	88	3.370	1.034	0.307	6.5	21.83
3869	40.9749	116.2508	-200.1	318	QOA3	0	0	0	0	80	47.2	1379	26	113	100	4.346	1.130	0.260	6.5	21.83
3870	40.9749	116.2504	-200.1	347	QTSU	0	0	0	0	70	48.1	1446	22	106	82	4.818	1.293	0.268	6.4	21.81
3871	40.9749	116.2500	-200.1	371	QTSU	0	0	0	0	94	48.9	1397	12	147	73	12.250	2.014	0.164	6.4	21.79
3872	40.9750	116.2495	-200.1	399	QTSU	0	0	0	1	101	49.7	1460	5	89	132	17.800	0.674	0.038	6.4	21.81
3873	40.9750	116.2491	-200.1	434	QTSU	0	0	0	0	77	50.7	1559	25	99	127	3.960	0.780	0.197	6.4	21.80
3874	40.9750	116.2486	-200.1	464	QTSU	0	0	0	0	78	51.5	1646	41	128	57	3.122	2.246	0.719	6.3	21.81
3875	40.9750	116.2482	-200.1	486	QTSU	0	0	0	0	68	52.1	1632	36	81	109	2.250	0.743	0.330	6.4	21.83
3876	40.9750	116.2477	-200.1	490	QTSU	0	0	0	0	86	52.2	1611	22	112	78	5.091	1.436	0.282	6.3	21.85
3877	40.9750	116.2473	-200.1	495	QTSU	0	0	0	0	73	50.3	1583	33	67	96	2.030	0.698	0.344	6.3	21.87
3878	40.9750	116.2468	-200.1	499	QTSU	0	0	0	0	73	50.4	1511	25	96	96	3.840	1.000	0.260	6.4	21.89
3879	40.9750	116.2464	-200.1	541	QTSU	0	0	0	0	88	51.4	1573	31	116	63	3.742	1.841	0.492	6.4	21.93
3880	40.9750	116.2459	-200.1	548	QA2	0	0	0	0	70	51.6	1604	24	120	69	5.000	1.739	0.348	6.3	21.93
3881	40.9750	116.2455	-200.1	551	QA2	0	0	0	0	87	51.7	1606	18	118	94	6.556	1.255	0.191	6.4	21.97
3882	40.9750	116.2450	-200.1	615	QA2	0	0	0	0	65	53.1	1630	35	54	114	1.543	0.474	0.307	6.4	21.97
3883	40.9750	116.2446	-200.1	654	QA2	0	0	0	0	62	54.0	1613	37	122	82	3.588	1.488	0.415	6.4	22.01
3884	40.9750	116.2441	-200.1	690	QA2	0	0	0	0	65	54.7	1683	17	126	94	7.412	1.340	0.181	6.4	22.03
3885	40.9750	116.2437	-200.1	738	QA2	1	0	0	0	72	55.7	1804	33	85	81	2.576	1.049	0.407	6.4	22.03
3886	40.9750	116.2432	-200.1	766	QA2	1	0	0	0	69	56.2	1826	32	148	67	4.625	2.209	0.478	6.4	22.06
3887	40.9750	116.2428	-200.1	749	QA2	1	0	0	0	68	55.9	1769	25	95	111	3.800	0.856	0.225	6.5	22.09
3888	40.9750	116.2423	-200.1	716	QA2	1	0	0	0	63	55.3	1674	44	65	118	1.477	0.551	0.373	6.5	22.09
3889	40.9750	116.2419	-200.1	650	QA2	0	0	0	0	71	53.9	1580	20	92	74	4.600	1.243	0.270	6.4	22.13
3890	40.9750	116.2414	-200.1	601	QA2	0	0	1	0	54	52.8	1567	42	-24	162	-0.571	-0.148	0.259	6.5	22.13
3891	40.9750	116.2410	-200.1	559	QTSU	0	0	0	0	68	51.8	1535	35	53	95	1.514	0.558	0.368	6.5	22.14
3892	40.9750	116.2405	-200.1	529	QTSU	0	0	0	0	75	51.1	1496	21	79	87	3.762	0.908	0.241	6.5	22.16
3893	40.9750	116.2401	-200.1	528	QTSU	0	0	0	0	74	51.1	1616	26	38	150	1.462	0.253	0.173	6.5	22.18
3894	40.9750	116.2397	-200.1	515	QTSU	0	0	0	0	71	50.8	1581	26	71	101	2.731	0.703	0.257	6.6	22.22
3895	40.9750	116.2392	-200.1	497	QTSU	0	0	0	0	59	50.3	1581	52	43	110	0.827	0.391	0.473	6.6	22.23
3896	40.9750	116.2388	-200.1	492	QTSU	0	0	1	0	72	48.7	1639	39	23	147	0.590	0.156	0.265	6.7	22.27
3897	40.9750	116.2383	-200.1	477	QTSU	0	0	0	0	84	48.3	1580	22	100	91	4.545	1.099	0.242	6.6	22.26

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3898	40.9750	116.2379	-200.1	449	QTSU	0	0	0	0	52	47.6	1663	52	56	142	1.077	0.394	0.366	6.6	22.26
3899	40.9750	116.2374	-200.1	426	QTSU	0	0	0	0	67	47.0	1461	18	81	128	4.500	0.633	0.141	6.7	22.29
3900	40.9750	116.2370	-200.1	411	QTSU	0	0	0	0	73	46.6	1516	38	139	71	3.658	1.958	0.535	6.8	22.31
3901	40.9750	116.2365	-200.1	398	QTSU	0	0	0	0	61	46.2	1433	33	88	109	2.667	0.807	0.303	6.8	22.32
3902	40.9750	116.2361	-200.1	395	QTSU	0	0	0	0	67	46.1	1442	25	102	90	4.080	1.133	0.278	6.8	22.33
3903	40.9750	116.2356	-200.1	409	QTSU	0	0	0	0	78	46.5	1549	26	42	141	1.615	0.298	0.184	6.8	22.30
3904	40.9750	116.2352	-200.1	414	QTSU	0	0	0	0	60	46.6	1475	38	72	80	1.895	0.900	0.475	6.8	22.31
3905	40.9750	116.2347	-200.1	422	QTSU	0	0	0	0	72	46.9	1416	20	91	80	4.550	1.138	0.250	6.8	22.31
3906	40.9750	116.2343	-200.1	413	QTSU	0	0	0	0	63	46.6	1347	29	39	114	1.345	0.342	0.254	6.8	22.31
3907	40.9750	116.2338	-200.1	399	QTSU	0	0	0	0	60	46.2	1388	33	55	88	1.667	0.625	0.375	6.9	22.34
3908	40.9750	116.2334	-200.1	379	QTSU	0	0	0	0	69	45.7	1386	25	154	57	6.160	2.702	0.439	6.9	22.35
3909	40.9750	116.2329	-200.1	353	QTSU	0	0	0	0	53	44.9	1347	35	61	103	1.743	0.592	0.340	6.9	22.34
3910	40.9750	116.2325	-200.1	310	QTSU	0	0	0	0	63	43.7	1299	29	63	95	2.172	0.663	0.305	7.0	22.36
3911	40.9750	116.2320	-200.1	277	QTSU	0	0	0	0	63	42.7	1212	13	93	82	7.154	1.134	0.159	7.0	22.35
3912	40.9750	116.2316	-200.1	257	QTSU	0	0	1	0	65	42.1	1139	31	7	95	0.226	0.074	0.326	7.1	22.34
3913	40.9750	116.2312	-200.1	267	QTSU	0	0	0	0	60	42.4	1147	25	32	87	1.280	0.368	0.287	7.1	22.36
3914	40.9751	116.2307	-200.1	289	QTSU	0	0	0	0	62	43.1	1245	25	39	100	1.560	0.390	0.250	7.1	22.33
3915	40.9751	116.2303	-200.1	319	QTSU	0	0	0	0	72	40.3	1165	11	61	93	5.545	0.656	0.118	7.1	22.31
3916	40.9751	116.2298	-200.1	356	QTSU	0	0	0	0	74	41.3	1222	21	74	65	3.524	1.138	0.323	7.1	22.32
3917	40.9751	116.2294	-200.1	379	QTSU	0	0	0	0	77	41.9	1270	16	107	46	6.688	2.326	0.348	7.1	22.30
3918	40.9751	116.2289	-200.1	395	QTSU	0	0	0	0	66	42.3	1381	46	66	84	1.435	0.786	0.548	7.2	22.31
3919	40.9751	116.2285	-200.1	400	QTSU	0	0	0	0	76	42.4	1265	24	46	79	1.917	0.582	0.304	7.2	22.29
3920	40.9751	116.2280	-200.1	400	QTSU	0	0	0	0	58	42.5	1338	24	45	119	1.875	0.378	0.202	7.2	22.31
3921	40.9751	116.2276	-200.1	388	QTSU	0	0	0	0	72	42.2	1214	12	84	88	7.000	0.955	0.136	7.1	22.31
3922	40.9751	116.2271	-200.1	372	QTSU	0	0	0	0	64	41.7	1189	21	53	73	2.524	0.726	0.288	7.2	22.31
3923	40.9751	116.2267	-200.1	353	QTSU	0	0	0	0	83	41.3	1171	23	43	59	1.870	0.729	0.390	7.2	22.32
3924	40.9751	116.2262	-200.1	342	QTSU	0	0	0	1	90	40.9	1138	6	65	80	10.833	0.813	0.075	7.2	22.33
3925	40.9751	116.2258	-200.1	341	QTSU	0	0	1	0	63	40.9	1225	27	11	99	0.407	0.111	0.273	7.2	22.33
3926	40.9751	116.2253	-200.1	356	QTSU	0	0	0	0	53	41.3	1224	25	92	42	3.680	2.190	0.595	7.2	22.35
3927	40.9751	116.2249	-200.1	378	QTSU	0	0	0	0	67	41.9	1207	14	43	111	3.071	0.387	0.126	7.2	22.36
3928	40.9751	116.2244	-200.1	406	QTSU	0	0	0	0	68	42.6	1233	11	89	95	8.091	0.937	0.116	7.3	22.38
3929	40.9751	116.2240	-200.1	440	QTSU	0	0	0	0	65	43.4	1249	24	42	87	1.750	0.483	0.276	7.3	22.39
3930	40.9751	116.2235	-200.1	476	QTSU	0	0	0	0	70	44.3	1306	15	80	81	5.333	0.988	0.185	7.3	22.41
3931	40.9751	116.2231	-200.1	489	QTSU	0	0	1	0	68	44.6	1255	19	16	116	0.842	0.138	0.164	7.3	22.42
3932	40.9751	116.2226	-200.1	491	QTSU	0	0	0	0	61	44.6	1328	21	80	95	3.810	0.842	0.221	7.3	22.43
3933	40.9751	116.2222	-200.1	497	QTSU	0	0	0	0	67	44.7	1264	25	74	69	2.960	1.072	0.362	7.3	22.45
3934	40.9751	116.2217	-200.1	509	QTSU	0	0	0	0	52	41.9	1319	19	74	84	3.895	0.881	0.226	7.4	22.47
3935	40.9751	116.2213	-200.1	567	QTSU	0	0	0	0	77	43.1	1414	18	60	107	3.333	0.561	0.168	7.4	22.49
3936	40.9751	116.2209	-200.1	600	QTSU	0	0	1	0	62	43.7	1464	40	22	101	0.550	0.218	0.396	7.4	22.50
3937	40.9751	116.2204	-200.1	593	QTSU	0	0	0	0	60	43.6	1443	37	92	48	2.706	1.917	0.708	7.4	22.50
3938	40.9751	116.2200	-200.1	589	QTSU	0	0	0	0	53	43.5	1496	39	81	79	2.077	1.025	0.494	7.4	22.49
3939	40.9751	116.2195	-200.1	591	QTSU	0	0	0	0	69	43.6	1482	29	57	114	1.966	0.500	0.254	7.4	22.53
3940	40.9751	116.2191	-200.1	599	QTSU	0	0	0	0	72	43.7	1554	34	60	84	1.765	0.714	0.405	7.5	22.53
3941	40.9751	116.2186	-200.1	602	QTSU	0	0	0	0	58	43.8	1507	54	47	90	0.870	0.522	0.600	7.6	22.57
3942	40.9751	116.2182	-200.1	615	QTSU	0	0	0	0	74	44.0	1522	32	63	89	1.969	0.708	0.360	7.6	22.59
3943	40.9751	116.2177	-200.1	627	QTSU	0	0	0	0	59	44.2	1619	33	66	126	2.000	0.524	0.262	7.6	22.59
3944	40.9751	116.2173	-200.1	619	QTSU	0	0	0	0	89	44.1	1574	26	41	118	1.577	0.347	0.220	7.7	22.64
3945	40.9751	116.2168	-200.1	619	QTSU	0	0	0	0	78	44.1	1566	17	93	98	5.471	0.949	0.173	7.8	22.65
3946	40.9751	116.2164	-200.1	611	QTSU	0	0	0	0	72	44.0	1690	31	87	123	2.806	0.707	0.252	7.8	22.68
3947	40.9751	116.2159	-200.1	574	QTSU	0	0	1	0	57	43.3	1577	36	20	160	0.556	0.125	0.225	7.9	22.71
3948	40.9751	116.2155	-200.1	547	QTSU	0	0	0	0	70	42.7	1628	31	66	140	2.129	0.471	0.221	7.9	22.73
3949	40.9751	116.2150	-200.1	503	QTSU	0	0	0	0	69	41.8	1535	31	64	111	2.065	0.577	0.279	7.9	22.75
3950	40.9751	116.2146	-200.1	495	QTSU	0	0	0	0	46	41.7	1610	30	113	104	3.767	1.087	0.288	7.9	22.75
3951	40.9751	116.2141	-200.1	489	QTSU	0	0	0	0	41	41.5	1630	45	46	143	1.022	0.322	0.315	7.9	22.77

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3952	40.9751	116.2137	-200.1	486	QTSU	0	0	0	0	71	41.5	1636	44	37	122	0.841	0.303	0.361	7.9	22.81
3953	40.9751	116.2132	-200.1	470	QTSU	0	0	0	0	67	40.2	1636	42	98	117	2.333	0.838	0.359	8.0	22.81
3954	40.9751	116.2128	-200.1	447	QTSU	0	0	0	0	45	39.7	1635	53	105	91	1.981	1.154	0.582	8.0	22.82
3955	40.9751	116.2124	-200.1	431	QTSU	0	0	0	0	57	39.3	1775	47	55	177	1.170	0.311	0.266	8.1	22.85
3956	40.9752	116.2119	-200.1	418	QTSU	0	0	0	0	57	39.0	1785	42	162	125	3.857	1.296	0.336	8.1	22.85
3957	40.9752	116.2115	-200.1	410	QTSU	0	0	0	0	51	38.8	1640	47	77	149	1.638	0.517	0.315	8.1	22.88
3958	40.9752	116.2110	-200.1	399	QTSU	0	0	0	0	79	38.6	1745	33	105	127	3.182	0.827	0.260	8.2	22.90
3959	40.9752	116.2106	-200.1	392	QTSU	0	0	0	0	66	38.4	1790	40	88	146	2.200	0.603	0.274	8.3	22.91
3960	40.9752	116.2101	-200.1	384	QTSU	0	0	0	0	50	38.3	1695	48	101	133	2.104	0.759	0.361	8.3	22.91
3961	40.9752	116.2097	-200.1	380	QTSU	0	0	0	0	66	38.2	1707	49	71	131	1.449	0.542	0.374	8.4	22.93
3962	40.9752	116.2092	-200.1	377	QTSU	0	0	0	0	51	38.1	1738	58	72	124	1.241	0.581	0.468	8.4	22.93
3963	40.9752	116.2088	-200.1	375	QTSU	0	0	0	0	66	38.1	1761	38	76	203	2.000	0.374	0.187	8.5	22.95
3964	40.9752	116.2083	-200.1	376	QTSU	0	0	0	0	70	38.1	1768	58	92	131	1.586	0.702	0.443	8.5	22.95
3965	40.9752	116.2079	-200.1	377	QTSU	0	0	0	0	54	38.1	1766	60	66	122	1.100	0.541	0.492	8.6	22.97
3966	40.9752	116.2074	-200.1	375	QTSU	0	0	0	0	73	38.0	1764	56	98	154	1.750	0.636	0.364	8.6	22.95
3967	40.9752	116.2070	-200.1	376	QTSU	0	0	0	0	63	38.1	1754	45	140	134	3.111	1.045	0.336	8.7	22.97
3968	40.9752	116.2065	-200.1	377	QTSU	0	0	0	0	67	38.1	1829	63	78	159	1.238	0.491	0.396	8.7	22.97
3969	40.9752	116.2061	-200.1	374	QA2	0	0	0	0	66	38.0	1801	35	89	164	2.543	0.543	0.213	8.7	22.97
3970	40.9752	116.2056	-200.1	375	QA2	0	0	0	0	69	38.1	1712	31	161	118	5.194	1.364	0.263	8.7	22.98
3971	40.9752	116.2052	-200.1	375	QA2	0	0	0	0	58	38.0	1787	48	112	119	2.333	0.941	0.403	8.7	22.97
3972	40.9752	116.2047	-200.1	377	QA2	0	0	0	0	55	38.2	1682	67	59	129	0.881	0.457	0.519	8.8	22.97
3973	40.9752	116.2043	-200.1	381	QA2	0	0	0	0	58	38.3	1789	61	74	145	1.213	0.510	0.421	8.8	22.97
3974	40.9752	116.2038	-200.1	383	QA2	0	0	0	0	65	38.3	1872	62	88	152	1.419	0.579	0.408	8.9	22.97
3975	40.9752	116.2034	-200.1	385	QA2	0	0	0	0	47	38.4	1695	53	78	128	1.472	0.609	0.414	8.9	22.97
3976	40.9752	116.2030	-200.1	392	QA2	0	0	0	0	57	38.5	1759	54	91	134	1.685	0.679	0.403	8.9	22.97
3977	40.9752	116.2025	-200.1	397	QA2	0	0	0	0	51	38.6	1773	45	72	165	1.600	0.436	0.273	9.0	22.96
3978	40.9752	116.2021	-200.1	400	QA2	0	0	0	0	55	38.7	1795	57	133	107	2.333	1.243	0.533	9.0	22.95
3979	40.9752	116.2016	-200.1	402	QA2	0	0	0	0	56	38.8	1853	49	110	156	2.245	0.705	0.314	9.0	22.95
3980	40.9752	116.2012	-200.1	406	QA2	0	0	0	0	54	38.8	1743	50	154	90	3.080	1.711	0.556	9.0	22.95
3981	40.9752	116.2007	-200.1	409	QA2	0	0	0	0	52	38.9	1737	32	183	110	5.719	1.664	0.291	9.0	22.96
3982	40.9752	116.2003	-200.1	411	QA2	0	0	0	0	49	39.0	1769	47	89	142	1.894	0.627	0.331	9.1	22.97
3983	40.9752	116.1998	-200.1	413	QA2	0	0	0	0	61	39.0	1805	45	96	157	2.133	0.611	0.287	9.1	22.96
3984	40.9752	116.1994	-200.1	415	QA2	0	0	0	0	72	39.1	1769	57	61	152	1.070	0.401	0.375	9.1	22.96
3985	40.9752	116.1989	-200.1	418	QA2	0	0	0	0	52	39.1	1802	30	169	128	5.633	1.320	0.234	9.2	22.98
3986	40.9752	116.1985	-200.1	420	QA2	0	0	0	0	50	39.2	1840	47	74	168	1.574	0.440	0.280	9.2	22.99
3987	40.9752	116.1980	-200.1	419	QA2	0	0	0	0	46	39.1	1752	43	171	106	3.977	1.613	0.406	9.3	23.01
3988	40.9752	116.1976	-200.1	420	QA2	0	0	0	0	66	39.1	1790	44	113	139	2.568	0.813	0.317	9.3	22.99
3989	40.9752	116.1971	-200.1	418	QA2	0	0	0	0	62	39.1	1717	46	100	133	2.174	0.752	0.346	9.2	23.01
3990	40.9752	116.1967	-200.1	420	QA2	0	0	0	0	48	39.2	1735	50	85	130	1.700	0.654	0.385	9.3	23.01
3991	40.9752	116.1962	-200.1	422	QA2	0	0	0	0	54	39.6	1707	25	134	142	5.360	0.944	0.176	9.4	23.03
3992	40.9752	116.1958	-200.1	432	QA2	0	0	0	0	58	39.8	1626	25	157	87	6.280	1.805	0.287	9.3	23.01
3993	40.9752	116.1953	-200.1	440	QA2	0	0	0	0	73	40.0	1715	45	96	111	2.133	0.865	0.405	9.4	23.03
3994	40.9752	116.1949	-200.1	449	QA2	0	0	0	0	66	40.2	1697	39	67	156	1.718	0.429	0.250	9.4	23.02
3995	40.9752	116.1944	-200.1	461	QA2	0	0	0	0	67	40.4	1699	44	73	129	1.659	0.566	0.341	9.3	23.00
3996	40.9752	116.1940	-200.1	473	QA2	0	0	0	0	55	40.7	1760	50	94	148	1.880	0.635	0.338	9.3	23.00
3997	40.9752	116.1936	-200.1	480	QA2	0	0	0	0	59	40.8	1723	44	49	157	1.114	0.312	0.280	9.3	23.00
3998	40.9752	116.1931	-200.1	483	QA2	0	0	0	0	65	40.9	1637	41	96	144	2.341	0.667	0.285	9.3	23.01
3999	40.9753	116.1927	-200.1	476	QTSU	0	0	0	0	70	40.7	1579	41	44	107	1.073	0.411	0.383	9.3	23.04
4000	40.9753	116.1922	-200.1	462	QTSU	0	0	1	0	74	40.4	1522	40	21	129	0.525	0.163	0.310	9.2	23.03
4001	40.9753	116.1918	-200.1	463	QTSU	0	0	0	0	65	40.5	1547	27	120	93	4.444	1.290	0.290	9.2	23.01
4002	40.9753	116.1913	-200.1	478	QTSU	0	0	0	0	54	40.8	1510	37	45	119	1.216	0.378	0.311	9.2	23.02
4003	40.9753	116.1909	-200.1	486	QTSU	0	0	0	0	60	40.9	1524	31	68	139	2.194	0.489	0.223	9.2	23.03
4004	40.9753	116.1904	-200.1	493	QTSU	0	0	0	0	50	41.1	1460	33	78	127	2.364	0.614	0.260	9.3	23.05
4005	40.9753	116.1900	-200.1	496	QTSU	0	0	0	0	66	41.2	1464	28	140	55	5.000	2.545	0.509	9.2	23.06

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4006	40.9753	116.1895	-200.1	517	QTSU	0	0	0	0	46	41.6	1487	39	88	79	2.256	1.114	0.494	9.2	23.06
4007	40.9753	116.1891	-200.1	574	QTSU	0	0	0	0	62	42.7	1642	47	43	116	0.915	0.371	0.405	9.2	23.07
4008	40.9753	116.1886	-200.1	608	QTSU	0	0	0	0	53	43.3	1546	25	98	126	3.920	0.778	0.198	9.2	23.10
4009	40.9753	116.1882	-200.1	612	QTSU	0	0	0	0	66	43.4	1674	37	65	129	1.757	0.504	0.287	9.2	23.13
4010	40.9753	116.1877	-200.1	595	QTSU	0	0	0	0	39	39.8	1585	37	102	92	2.757	1.109	0.402	9.3	23.14
4011	40.9753	116.1873	-200.1	558	QTSU	0	0	0	0	57	39.2	1689	54	66	106	1.222	0.623	0.509	9.3	23.17
4012	40.9753	116.1868	-200.1	503	QTSU	0	0	0	0	41	38.2	1640	44	62	136	1.409	0.456	0.324	9.3	23.20
4013	40.9753	116.1864	-200.1	483	QTSU	0	0	0	0	53	37.8	1709	31	141	113	4.548	1.248	0.274	9.3	23.22
4014	40.9753	116.1859	-200.1	438	QTSU	0	0	0	0	57	36.9	1529	28	115	98	4.107	1.173	0.286	9.3	23.21
4015	40.9753	116.1855	-200.1	392	QTSU	0	0	0	0	49	35.9	1518	33	110	108	3.333	1.019	0.306	9.3	23.23
4016	40.9753	116.1850	-200.1	368	QTSU	0	0	0	0	54	35.4	1514	20	89	144	4.450	0.618	0.139	9.3	23.21
4017	40.9753	116.1846	-200.1	345	QTSU	0	0	0	0	61	34.9	1501	30	43	125	1.433	0.344	0.240	9.3	23.21
4018	40.9753	116.1842	-200.1	317	QTSU	0	0	0	0	66	34.3	1478	37	125	78	3.378	1.603	0.474	9.3	23.20
4019	40.9753	116.1837	-200.1	296	QTSU	0	0	0	0	47	33.8	1386	32	86	104	2.688	0.827	0.308	9.3	23.18
4020	40.9753	116.1833	-200.1	283	QTSU	0	0	0	0	51	33.5	1377	30	96	103	3.200	0.932	0.291	9.3	23.19
4021	40.9753	116.1828	-200.1	286	QTSU	0	0	0	0	49	33.6	1440	51	41	128	0.804	0.320	0.398	9.4	23.18
4022	40.9753	116.1824	-200.1	326	QTSU	0	0	0	0	56	34.5	1531	32	93	123	2.906	0.756	0.260	9.3	23.14
4023	40.9753	116.1819	-200.1	355	QTSU	0	0	0	0	60	35.2	1581	35	88	123	2.514	0.715	0.285	9.3	23.15
4024	40.9753	116.1815	-200.1	331	QTSU	0	0	0	0	57	34.6	1551	31	144	117	4.645	1.231	0.265	9.3	23.15
4025	40.9753	116.1810	-200.1	316	QTSU	0	0	0	0	53	34.3	1449	45	79	118	1.756	0.669	0.381	9.3	23.14
4026	40.9753	116.1806	-200.1	332	QTSU	0	0	0	0	52	34.6	1545	36	115	100	3.194	1.150	0.360	9.3	23.13
4027	40.9753	116.1801	-200.1	338	QTSU	0	0	0	0	59	34.8	1573	40	73	150	1.825	0.487	0.267	9.2	23.13
4028	40.9753	116.1797	-200.1	341	QTSU	0	0	0	0	62	34.8	1637	48	62	135	1.292	0.459	0.356	9.3	23.12
4029	40.9753	116.1792	-200.1	347	QTSU	0	0	0	0	52	32.1	1610	40	133	118	3.325	1.127	0.339	9.3	23.09
4030	40.9753	116.1788	-200.1	353	QTSU	0	0	0	0	48	32.2	1724	57	69	147	1.211	0.469	0.388	9.3	23.09
4031	40.9753	116.1783	-200.1	355	QTSU	0	0	0	0	54	32.2	1659	62	59	145	0.952	0.407	0.428	9.2	23.10
4032	40.9753	116.1779	-200.1	356	QTSU	0	0	0	0	50	32.3	1688	52	134	109	2.577	1.229	0.477	9.2	23.11
4033	40.9753	116.1774	-200.1	359	QTSU	0	0	0	0	60	32.3	1695	41	137	137	3.341	1.000	0.299	9.2	23.11
4034	40.9753	116.1770	-200.1	361	QTSU	0	0	0	0	80	32.4	1671	48	85	127	1.771	0.669	0.378	9.3	23.13
4035	40.9753	116.1765	-200.1	360	QTSU	0	0	0	0	44	32.3	1691	52	110	140	2.115	0.786	0.371	9.2	23.11
4036	40.9753	116.1761	-200.1	355	QTSU	0	0	0	0	59	32.2	1714	45	71	164	1.578	0.433	0.274	9.1	23.14
4037	40.9753	116.1756	-200.1	360	QTSU	0	0	0	0	62	32.3	1685	54	71	148	1.315	0.480	0.365	9.2	23.14
4038	40.9753	116.1752	-200.1	380	QTSU	0	0	0	0	53	32.8	1820	34	188	139	5.529	1.353	0.245	9.2	23.16
4039	40.9753	116.1748	-200.1	388	QTSU	0	0	0	0	62	32.9	1829	49	98	150	2.000	0.653	0.327	9.2	23.17
4040	40.9753	116.1743	-200.1	392	QTSU	0	0	0	0	62	33.0	1833	63	45	162	0.714	0.278	0.389	9.2	23.15
4041	40.9754	116.1739	-200.1	399	QTSU	0	0	0	0	66	33.1	1853	53	116	149	2.189	0.779	0.356	9.2	23.15
4042	40.9754	116.1734	-200.1	396	QTSU	0	0	0	0	52	33.1	1790	57	115	134	2.018	0.858	0.425	9.2	23.17
4043	40.9754	116.1730	-200.1	390	QTSU	0	0	0	0	59	33.0	1715	65	30	175	0.462	0.171	0.371	9.2	23.15
4044	40.9754	116.1725	-200.1	394	QTSU	0	0	0	0	60	33.0	1749	52	102	117	1.962	0.872	0.444	9.2	23.17
4045	40.9754	116.1721	-200.1	400	QTSU	0	0	0	0	55	33.1	1700	55	69	157	1.255	0.439	0.350	9.2	23.15
4046	40.9754	116.1716	-200.1	385	QTSU	0	0	0	0	47	32.9	1685	52	77	137	1.481	0.562	0.380	9.3	23.17
4047	40.9754	116.1712	-200.1	363	QTSU	0	0	0	0	45	32.4	1571	45	123	94	2.733	1.309	0.479	9.2	23.19
4048	40.9754	116.1707	-200.1	358	QTSU	0	0	0	0	51	30.3	1667	46	120	115	2.609	1.043	0.400	9.2	23.18
4049	40.9754	116.1703	-200.1	370	QTSU	0	0	0	0	39	30.5	1598	65	37	153	0.569	0.242	0.425	9.2	23.21
4050	40.9754	116.1698	-200.1	376	QA2	0	0	0	0	54	30.6	1717	38	127	120	3.342	1.058	0.317	9.2	23.23
4051	40.9754	116.1694	-200.1	392	QA2	0	0	0	0	59	30.9	1717	60	69	158	1.150	0.437	0.380	9.3	23.23
4052	40.9754	116.1689	-200.1	408	QA2	0	0	0	0	47	31.2	1755	44	117	110	2.659	1.064	0.400	9.2	23.20
4053	40.9754	116.1685	-200.1	418	QA2	0	0	0	0	50	31.4	1808	39	143	144	3.667	0.993	0.271	9.2	23.21
4054	40.9754	116.1680	-200.1	424	QA2	0	0	0	0	53	31.5	1782	52	129	125	2.481	1.032	0.416	9.3	23.22
4055	40.9754	116.1676	-200.1	426	QA2	0	0	0	0	54	31.5	1858	43	136	149	3.163	0.913	0.289	9.3	23.21
4056	40.9754	116.1671	-200.1	430	QA2	0	0	0	0	51	31.6	1797	57	48	170	0.842	0.282	0.335	9.3	23.23
4057	40.9754	116.1667	-200.1	436	QA2	0	0	0	0	53	31.7	1754	50	69	152	1.380	0.454	0.329	9.3	23.20
4058	40.9754	116.1662	-200.1	448	QA2	0	0	0	0	49	31.9	1775	60	68	153	1.133	0.444	0.392	9.3	23.23
4059	40.9754	116.1658	-200.1	451	QA2	0	0	0	0	50	32.0	1754	47	108	146	2.298	0.740	0.322	9.3	23.23

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4060	40.9754	116.1654	-200.1	451	QA2	0	0	0	0	62	32.0	1870	40	103	179	2.575	0.575	0.223	9.4	23.23
4061	40.9754	116.1649	-200.1	441	QA2	0	0	0	0	53	31.8	1771	50	54	185	1.080	0.292	0.270	9.3	23.25
4062	40.9754	116.1645	-200.1	439	QA2	0	0	0	0	46	31.8	1726	56	77	123	1.375	0.626	0.455	9.3	23.25
4063	40.9754	116.1640	-200.1	437	QA2	0	0	0	0	47	31.7	1806	65	69	135	1.062	0.511	0.481	9.3	23.26
4064	40.9754	116.1636	-200.1	431	QA2	0	0	0	0	61	31.6	1724	34	92	175	2.706	0.526	0.194	9.3	23.25
4065	40.9754	116.1631	-200.1	419	QA2	0	0	0	0	42	31.4	1789	69	68	113	0.986	0.602	0.611	9.3	23.29
4066	40.9754	116.1627	-200.1	404	QA2	0	0	0	0	57	31.1	1717	64	40	144	0.625	0.278	0.444	9.3	23.29
4067	40.9754	116.1622	-200.1	403	QA2	0	0	0	0	62	35.3	1738	57	68	152	1.193	0.447	0.375	9.3	23.30
4068	40.9754	116.1618	-200.1	391	QA2	0	0	0	0	56	35.1	1708	45	105	110	2.333	0.955	0.409	9.4	23.32
4069	40.9754	116.1613	-200.1	378	QA2	0	0	0	0	61	34.8	1760	40	149	134	3.725	1.112	0.299	9.4	23.32
4070	40.9754	116.1609	-200.1	368	QA2	0	0	0	0	47	34.6	1693	35	116	157	3.314	0.739	0.223	9.3	23.32
4071	40.9754	116.1604	-200.1	371	QA2	0	0	0	0	58	34.7	1832	44	143	157	3.250	0.911	0.280	9.4	23.32
4072	40.9754	116.1600	-200.1	385	QA2	0	0	0	0	51	35.0	1766	51	49	173	0.961	0.283	0.295	9.3	23.32
4073	40.9754	116.1595	-200.1	391	QA2	0	0	0	0	47	35.1	1699	43	100	163	2.326	0.613	0.264	9.4	23.33
4074	40.9754	116.1591	-200.1	400	QA2	0	0	0	0	51	35.3	1782	58	91	127	1.569	0.717	0.457	9.3	23.31
4075	40.9754	116.1586	-200.1	407	QA2	0	0	0	0	38	35.4	1815	68	130	90	1.912	1.444	0.756	9.3	23.31
4076	40.9754	116.1582	-200.1	418	QA2	0	0	0	0	50	35.7	1832	61	38	156	0.623	0.244	0.391	9.4	23.31
4077	40.9754	116.1577	-200.1	422	QA2	0	0	0	0	55	35.7	1762	56	119	126	2.125	0.944	0.444	9.4	23.32
4078	40.9754	116.1573	-200.1	422	QA2	0	0	0	0	64	35.7	1816	43	112	158	2.605	0.709	0.272	9.3	23.32
4079	40.9754	116.1568	-200.1	419	QA2	0	0	0	0	45	35.7	1814	41	124	172	3.024	0.721	0.238	9.3	23.34
4080	40.9754	116.1564	-200.1	418	TBI	0	0	0	0	64	35.7	1862	42	136	137	3.238	0.993	0.307	9.3	23.33
4081	40.9754	116.1560	-200.1	420	TBI	0	0	0	0	62	35.7	1918	60	65	176	1.083	0.369	0.341	9.2	23.35
4082	40.9754	116.1555	-200.1	422	TBI	0	0	0	0	74	35.7	1871	37	50	205	1.351	0.244	0.180	9.2	23.32
4083	40.9755	116.1551	-200.1	424	TBI	0	0	0	0	62	35.8	1852	41	157	158	3.829	0.994	0.259	9.1	23.34
4084	40.9755	116.1546	-200.1	431	TBI	0	0	0	0	63	35.9	1852	40	127	142	3.175	0.894	0.282	9.1	23.35
4085	40.9755	116.1542	-200.1	435	TBI	0	0	0	0	45	36.0	1780	34	55	228	1.618	0.241	0.149	9.2	23.37
4086	40.9755	116.1537	-200.1	437	TBI	0	0	0	0	48	41.0	1836	47	121	148	2.574	0.818	0.318	9.2	23.36
4087	40.9755	116.1533	-200.1	438	TBI	0	0	0	0	43	41.0	1833	63	66	159	1.048	0.415	0.396	9.2	23.35
4088	40.9755	116.1528	-200.1	431	TBI	0	0	0	0	53	40.8	1835	55	72	180	1.309	0.400	0.306	9.2	23.37
4089	40.9755	116.1524	-200.1	427	TBI	0	0	0	0	65	40.7	1803	54	109	137	2.019	0.796	0.394	9.3	23.37
4090	40.9755	116.1519	-200.1	431	TBI	0	0	0	0	49	40.8	1738	56	54	150	0.964	0.360	0.373	9.4	23.38
4091	40.9755	116.1515	-200.1	435	TBI	0	0	0	0	62	40.9	1853	36	140	137	3.889	1.022	0.263	9.3	23.35
4092	40.9755	116.1510	-200.1	440	TBI	0	0	0	0	53	41.0	1910	61	113	164	1.852	0.689	0.372	9.3	23.38
4093	40.9755	116.1506	-200.1	437	TBI	0	0	0	0	36	41.0	1934	35	207	127	5.914	1.630	0.276	9.3	23.39
4094	40.9755	116.1501	-200.1	431	TBI	0	0	0	0	57	40.8	1868	36	156	129	4.333	1.209	0.279	9.4	23.39
4095	40.9755	116.1497	-200.1	423	TBI	0	0	0	0	60	40.6	1799	38	105	161	2.763	0.652	0.236	9.3	23.39
4096	40.9755	116.1492	-200.1	405	TBI	0	0	0	0	51	40.2	1851	53	49	166	0.925	0.295	0.319	9.3	23.41
4097	40.9755	116.1488	-200.1	397	TBI	0	0	0	0	63	40.0	1906	48	128	130	2.667	0.985	0.369	9.3	23.40
4098	40.9755	116.1483	-200.1	399	TBI	0	0	0	0	61	40.1	1988	39	176	154	4.513	1.143	0.253	9.2	23.39
4099	40.9755	116.1479	-200.1	402	TBI	0	0	0	0	47	40.1	1873	47	155	108	3.298	1.435	0.435	9.3	23.39
4100	40.9755	116.1474	-200.1	407	TBI	0	0	0	0	56	40.3	1870	41	72	210	1.756	0.343	0.195	9.2	23.38
4101	40.9755	116.1470	-200.1	419	TBI	0	0	0	0	60	40.5	1956	42	148	162	3.524	0.914	0.259	9.3	23.38
4102	40.9755	116.1466	-200.1	429	TBI	0	0	0	0	52	40.8	1883	37	144	160	3.892	0.900	0.231	9.4	23.37
4103	40.9755	116.1461	-200.1	438	TBI	0	0	0	0	56	41.0	1920	44	141	136	3.205	1.037	0.324	9.4	23.37
4104	40.9755	116.1457	-200.1	447	TBI	0	0	0	0	61	41.2	1967	59	121	149	2.051	0.812	0.396	9.3	23.36
4105	40.9755	116.1452	-200.1	459	TBI	0	0	0	0	37	42.3	1953	66	112	162	1.697	0.691	0.407	9.4	23.35
4106	40.9755	116.1448	-200.1	467	TBI	0	0	0	0	63	42.5	1956	60	103	145	1.717	0.710	0.414	9.3	23.34
4107	40.9755	116.1443	-200.1	474	TBI	0	0	0	0	57	42.6	1917	53	166	99	3.132	1.677	0.535	9.4	23.35
4108	40.9755	116.1439	-200.1	480	TBI	0	0	0	0	60	42.8	1967	61	140	158	2.295	0.886	0.386	9.4	23.34
4109	40.9755	116.1434	-200.1	486	TBI	0	0	0	0	44	42.9	1892	67	132	82	1.970	1.610	0.817	9.4	23.32
4110	40.9755	116.1430	-200.1	488	TBI	0	0	0	0	61	42.9	1927	38	150	105	3.947	1.429	0.362	9.4	23.34
4111	40.9755	116.1425	-200.1	488	TBI	0	0	0	0	48	42.9	1979	42	168	173	4.000	0.971	0.243	9.4	23.32
4112	40.9755	116.1421	-200.1	489	TBI	0	0	0	0	43	43.0	1792	66	143	96	2.167	1.490	0.688	9.4	23.31
4113	40.9755	116.1416	-200.1	488	TBI	0	0	0	0	57	42.9	1915	67	89	121	1.328	0.736	0.554	9.4	23.30

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4114	40.9755	116.1412	-200.1	487	TBI	0	0	0	0	49	42.9	1854	56	72	144	1.286	0.500	0.389	9.4	23.32
4115	40.9755	116.1407	-200.1	487	TBI	0	0	0	0	46	42.9	1885	51	140	113	2.745	1.239	0.451	9.3	23.30
4116	40.9755	116.1403	-200.1	486	TBI	0	0	0	0	62	42.9	1736	56	134	81	2.393	1.654	0.691	9.3	23.31
4117	40.9755	116.1398	-200.1	483	TBI	0	0	0	0	55	42.8	1784	51	74	145	1.451	0.510	0.352	9.3	23.32
4118	40.9755	116.1394	-200.1	485	TBI	0	0	0	0	61	42.9	1847	23	163	134	7.087	1.216	0.172	9.3	23.34
4119	40.9755	116.1389	-200.1	480	TBI	0	0	0	0	61	42.8	1947	43	159	141	3.698	1.128	0.305	9.3	23.33
4120	40.9755	116.1385	-200.1	474	TBI	0	0	0	0	59	42.6	1826	50	88	158	1.760	0.557	0.316	9.3	23.35
4121	40.9755	116.1380	-200.1	463	TBI	0	0	0	0	66	42.4	1922	46	92	182	2.000	0.505	0.253	9.2	23.35
4122	40.9755	116.1376	-200.1	448	TBI	0	0	0	0	60	42.0	1973	54	137	163	2.537	0.840	0.331	9.1	23.36
4123	40.9755	116.1372	-200.1	439	TBI	0	0	0	0	62	41.8	2046	42	162	145	3.857	1.117	0.290	9.0	23.36
4124	40.9755	116.1367	-200.1	425	TBI	0	0	0	0	54	37.9	2165	62	162	150	2.613	1.080	0.413	9.0	23.39
4125	40.9755	116.1363	-200.1	392	TBI	0	0	0	0	57	37.2	2191	72	176	159	2.444	1.107	0.453	8.9	23.39
4126	40.9756	116.1358	-200.1	344	TBI	0	0	0	0	64	36.1	1979	29	249	129	8.586	1.930	0.225	8.8	23.38
4127	40.9756	116.1354	-200.1	321	TBI	0	0	0	0	59	35.6	2062	64	235	140	3.672	1.679	0.457	8.8	23.36
4128	40.9756	116.1349	-200.1	317	TBI	0	0	0	0	43	35.5	2032	50	217	140	4.340	1.550	0.357	8.7	23.37
4129	40.9756	116.1345	-200.1	335	TBI	0	0	0	0	52	35.9	2056	65	193	140	2.969	1.379	0.464	8.7	23.34
4130	40.9756	116.1340	-200.1	368	TBI	0	0	0	0	77	36.6	2100	66	124	151	1.879	0.821	0.437	8.7	23.32
4131	40.9756	116.1336	-200.1	372	TBI	0	0	0	0	57	36.7	2053	65	162	157	2.492	1.032	0.414	8.7	23.29
4132	40.9756	116.1331	-200.1	357	TBI	0	0	0	0	58	36.4	2064	60	100	191	1.667	0.524	0.314	8.7	23.29
4133	40.9756	116.1327	-200.1	347	TBI	0	0	0	0	72	36.2	1988	61	157	133	2.617	1.180	0.451	8.7	23.28
4134	40.9756	116.1322	-200.1	353	TBI	0	0	0	0	46	36.3	2020	47	199	155	4.234	1.284	0.303	8.7	23.27
4135	40.9756	116.1318	-200.1	364	TBI	0	0	0	0	70	36.6	2031	73	95	189	1.301	0.503	0.386	8.6	23.27
4136	40.9756	116.1313	-200.1	373	TBI	0	0	0	0	52	36.8	1933	57	138	173	2.421	0.798	0.329	8.5	23.23
4137	40.9756	116.1309	-200.1	384	TBI	0	0	0	0	54	37.0	1988	63	143	148	2.270	0.966	0.426	8.4	23.25
4138	40.9756	116.1304	-200.1	398	TBI	0	0	0	0	48	37.3	2001	37	177	166	4.784	1.066	0.223	8.2	23.25
4139	40.9756	116.1300	-200.1	416	TBI	0	0	0	0	58	37.7	2007	65	119	171	1.831	0.696	0.380	8.0	23.24
4140	40.9756	116.1295	-200.1	426	TBI	0	0	0	0	58	37.9	2035	56	123	173	2.196	0.711	0.324	7.9	23.24
4141	40.9756	116.1291	-200.1	431	TBI	0	0	0	0	51	38.0	2069	58	173	155	2.983	1.116	0.374	7.8	23.25
4142	40.9756	116.1286	-200.1	431	TBI	0	0	0	0	56	38.0	2017	59	146	147	2.475	0.993	0.401	7.8	23.25
4143	40.9756	116.1282	-200.1	423	TBI	0	0	0	0	65	31.9	2033	39	155	183	3.974	0.847	0.213	7.6	23.23
4144	40.9756	116.1278	-200.1	421	TBI	0	0	0	0	47	31.8	2021	74	176	110	2.378	1.600	0.673	7.6	23.23
4145	40.9756	116.1273	-200.1	420	TBI	0	0	0	0	44	31.8	2017	71	98	202	1.380	0.485	0.351	7.4	23.25
4146	40.9756	116.1269	-200.1	423	TBI	0	0	0	0	51	31.8	1992	72	142	127	1.972	1.118	0.567	7.5	23.26
4147	40.9756	116.1264	-200.1	423	TBI	0	0	0	0	47	31.8	2057	54	226	104	4.185	2.173	0.519	7.4	23.25
4148	40.9756	116.1260	-200.1	421	TBI	0	0	0	0	54	31.8	2050	48	177	166	3.688	1.066	0.289	7.2	23.26
4149	40.9756	116.1255	-200.1	415	TBI	0	0	0	0	56	31.7	2022	52	128	195	2.462	0.656	0.267	7.0	23.27
4150	40.9756	116.1251	-200.1	407	TBI	0	0	0	0	50	31.6	2062	51	216	130	4.235	1.662	0.392	6.8	23.26
4151	40.9756	116.1246	-200.1	398	TBI	0	0	0	0	65	31.4	1954	56	137	154	2.446	0.890	0.364	6.6	23.27
4152	40.9756	116.1242	-200.1	397	TBI	0	0	0	0	56	31.4	2038	64	169	124	2.641	1.363	0.516	6.4	23.27
4153	40.9756	116.1237	-200.1	397	TBI	0	0	0	0	51	31.4	1952	63	173	133	2.746	1.301	0.474	6.2	23.27
4154	40.9756	116.1233	-200.1	398	TBI	0	0	0	0	52	31.4	2011	58	140	168	2.414	0.833	0.345	6.0	23.28
4155	40.9756	116.1228	-200.1	401	TBI	0	0	0	0	48	31.4	2025	64	149	162	2.328	0.920	0.395	5.8	23.29
4156	40.9756	116.1224	-200.1	404	TBI	0	0	0	0	64	31.5	1984	57	151	131	2.649	1.153	0.435	5.6	23.25
4157	40.9756	116.1219	-200.1	418	TBI	0	0	0	0	65	31.8	2012	68	138	124	2.029	1.113	0.548	5.4	23.27
4158	40.9756	116.1215	-200.1	429	TBI	0	0	0	0	42	32.0	2141	63	182	166	2.889	1.096	0.380	5.3	23.27
4159	40.9756	116.1210	-200.1	438	TBI	0	0	0	0	50	32.1	2144	57	173	175	3.035	0.989	0.326	5.1	23.29
4160	40.9756	116.1206	-200.1	464	TBI	0	0	0	0	60	32.6	2201	68	174	146	2.559	1.192	0.466	4.9	23.26
4161	40.9756	116.1201	-200.1	470	TBI	0	0	0	0	66	32.7	2246	70	131	222	1.871	0.590	0.315	4.7	23.25
4162	40.9756	116.1197	-200.1	433	TBI	0	0	0	0	59	31.1	2203	73	132	224	1.808	0.589	0.326	4.6	23.26
4163	40.9756	116.1192	-200.1	379	TBI	0	0	0	0	51	30.1	2114	56	168	185	3.000	0.908	0.303	4.4	23.27
4164	40.9756	116.1188	-200.1	321	TBI	0	0	0	0	56	29.0	2054	70	148	193	2.114	0.767	0.363	4.3	23.26
4165	40.9756	116.1184	-200.1	267	TBI	0	0	0	0	54	28.0	1989	69	141	178	2.043	0.792	0.388	4.2	23.27
4166	40.9756	116.1179	-200.1	254	TBI	0	0	0	0	60	27.7	1968	55	159	186	2.891	0.855	0.296	4.1	23.25
4167	40.9756	116.1175	-200.1	274	TBI	0	0	0	0	55	28.1	2019	69	141	175	2.043	0.806	0.394	3.9	23.25

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4168	40.9757	116.1170	-200.1	300	TBI	0	0	0	0	61	28.6	1891	60	136	146	2.267	0.932	0.411	3.9	23.21
4169	40.9757	116.1166	-200.1	323	TBI	0	0	0	0	57	29.1	2086	62	200	157	3.226	1.274	0.395	3.7	23.18
4170	40.9757	116.1161	-200.1	352	TBI	0	0	0	0	65	29.6	1952	55	157	149	2.855	1.054	0.369	3.8	23.14
4171	40.9757	116.1157	-200.1	375	TBI	0	0	0	0	70	30.1	1978	67	144	129	2.149	1.116	0.519	3.7	23.14
4172	40.9757	116.1152	-200.1	389	TBI	0	0	0	0	50	30.3	1891	45	175	139	3.889	1.259	0.324	3.7	23.15
4173	40.9757	116.1148	-200.1	397	TBI	0	0	0	0	73	30.5	1889	41	119	192	2.902	0.620	0.214	3.6	23.13
4174	40.9757	116.1143	-200.1	400	TBI	0	0	0	0	54	30.5	1925	67	120	161	1.791	0.745	0.416	3.6	23.11
4175	40.9757	116.1139	-200.1	402	TBI	0	0	0	0	58	30.5	1935	55	130	150	2.364	0.867	0.367	3.6	23.11
4176	40.9757	116.1134	-200.1	403	TBI	0	0	0	0	55	30.6	2032	53	139	181	2.623	0.768	0.293	3.6	23.13
4177	40.9757	116.1130	-200.1	403	TBI	0	0	0	0	50	30.6	1964	43	215	154	5.000	1.396	0.279	3.5	23.13
4178	40.9757	116.1125	-200.1	395	TBI	0	0	0	0	58	30.4	2022	55	150	176	2.727	0.852	0.313	3.5	23.11
4179	40.9757	116.1121	-200.1	383	TBI	0	0	0	0	60	30.2	2013	67	147	153	2.194	0.961	0.438	3.4	23.11
4180	40.9757	116.1116	-200.1	378	TBI	0	0	0	0	84	30.1	1974	56	142	162	2.536	0.877	0.346	3.4	23.09
4181	40.9757	116.1112	-200.1	378	TBI	0	0	0	0	61	31.5	1938	72	70	196	0.972	0.357	0.367	3.4	23.12
4182	40.9757	116.1107	-200.1	386	TBI	0	0	0	0	58	31.7	1965	63	122	168	1.937	0.726	0.375	3.3	23.10
4183	40.9757	116.1103	-200.1	393	TBI	0	0	0	0	65	31.8	2047	54	188	140	3.481	1.343	0.386	3.3	23.10
4184	40.9757	116.1098	-200.1	397	TBI	0	0	0	0	63	31.9	1974	71	59	218	0.831	0.271	0.326	3.3	23.09
4185	40.9757	116.1094	-200.1	408	TBI	0	0	0	0	55	32.1	1985	56	205	114	3.661	1.798	0.491	3.3	23.07
4186	40.9757	116.1090	-200.1	418	TBI	0	0	0	0	63	32.3	1909	58	81	191	1.397	0.424	0.304	3.3	23.06
4187	40.9757	116.1085	-200.1	428	TBI	0	0	0	0	77	32.5	1977	70	152	105	2.171	1.448	0.667	3.2	23.08
4188	40.9757	116.1081	-200.1	442	TBI	0	0	0	0	60	32.7	1910	65	157	105	2.415	1.495	0.619	3.3	23.07
4189	40.9757	116.1076	-200.1	456	TBI	0	0	0	0	64	32.9	2009	48	132	174	2.750	0.759	0.276	3.3	23.09
4190	40.9757	116.1072	-200.1	469	TBI	0	0	0	0	59	33.2	2069	66	141	151	2.136	0.934	0.437	3.3	23.05
4191	40.9757	116.1067	-200.1	485	TBI	0	0	0	0	81	33.5	2055	82	120	125	1.463	0.960	0.656	3.3	23.04
4192	40.9757	116.1063	-200.1	491	TBI	0	0	0	0	61	33.6	2097	60	116	184	1.933	0.630	0.326	3.3	23.01
4193	40.9757	116.1058	-200.1	494	TBI	0	0	0	0	67	33.6	2022	44	217	114	4.932	1.904	0.386	3.4	23.02
4194	40.9757	116.1054	-200.1	495	TBI	0	0	0	0	68	33.6	1980	49	155	131	3.163	1.183	0.374	3.4	23.00
4195	40.9757	116.1049	-200.1	492	TBI	0	0	0	0	66	33.6	2032	59	230	102	3.898	2.255	0.578	3.3	23.01
4196	40.9757	116.1045	-200.1	495	TBI	0	0	0	0	54	33.6	1949	63	103	148	1.635	0.696	0.426	3.4	23.03
4197	40.9757	116.1040	-200.1	496	TBI	0	0	0	0	62	33.6	1997	47	169	146	3.596	1.158	0.322	3.4	23.03
4198	40.9757	116.1036	-200.1	498	TBI	0	0	0	0	60	33.7	2067	79	103	135	1.304	0.763	0.585	3.3	23.03
4199	40.9757	116.1031	-200.1	501	TBI	0	0	0	0	68	33.7	2120	39	179	139	4.590	1.288	0.281	3.3	23.03
4200	40.9757	116.1027	-200.1	515	TBI	0	0	0	0	73	35.3	2166	60	155	119	2.583	1.303	0.504	3.3	23.04
4201	40.9757	116.1022	-200.1	510	TBI	0	0	0	0	46	35.3	2189	83	126	173	1.518	0.728	0.480	3.3	23.05
4202	40.9757	116.1018	-200.1	501	TBI	0	0	0	0	52	35.1	2212	74	192	135	2.595	1.422	0.548	3.3	23.03
4203	40.9757	116.1013	-200.1	498	TBI	0	0	0	0	53	35.1	2260	61	192	146	3.148	1.315	0.418	3.2	23.09
4204	40.9757	116.1009	-200.1	496	TBI	0	0	0	0	55	35.0	2288	64	176	168	2.750	1.048	0.381	3.2	23.09
4205	40.9757	116.1004	-200.1	494	TBI	0	0	0	0	91	35.0	2286	35	234	159	6.686	1.472	0.220	3.3	23.09
4206	40.9757	116.1000	-200.1	494	TBI	0	0	0	0	57	35.0	2312	75	111	221	1.480	0.502	0.339	3.3	23.11
4207	40.9757	116.0996	-200.1	491	TBI	0	0	0	0	61	34.9	2382	81	173	168	2.136	1.030	0.482	3.2	23.12
4208	40.9757	116.0991	-200.1	477	TBI	0	0	0	0	73	34.7	2273	86	137	162	1.593	0.846	0.531	3.2	23.14
4209	40.9757	116.0987	-200.1	458	TBI	0	0	0	0	54	34.3	2258	69	134	238	1.942	0.563	0.290	3.2	23.16
4210	40.9758	116.0982	-200.1	436	TBI	0	0	0	0	85	33.9	2191	69	138	176	2.000	0.784	0.392	3.3	23.17
4211	40.9758	116.0978	-200.1	423	TBI	0	0	0	0	52	33.7	2138	62	213	160	3.435	1.331	0.387	3.3	23.19
4212	40.9758	116.0973	-200.1	411	TBI	0	0	0	0	53	33.4	2199	69	216	151	3.130	1.430	0.457	3.3	23.20
4213	40.9758	116.0969	-200.1	398	TBI	0	0	0	0	58	33.2	2291	73	203	196	2.781	1.036	0.372	3.3	23.20
4214	40.9758	116.0964	-200.1	380	TBI	0	0	0	0	60	32.8	2226	71	155	196	2.183	0.791	0.362	3.3	23.19
4215	40.9758	116.0960	-200.1	374	TBI	0	0	0	0	60	32.7	2278	73	172	203	2.356	0.847	0.360	3.3	23.20
4216	40.9758	116.0955	-200.1	378	TBI	0	0	0	0	69	32.8	2306	62	159	239	2.565	0.665	0.259	3.3	23.21
4217	40.9758	116.0949	-200.1	385	TBI	0	0	0	0	61	32.9	2357	59	152	255	2.576	0.596	0.231	3.4	23.21
4218	40.9758	116.0944	-200.1	385	TBI	0	0	0	0	66	32.9	2329	65	204	182	3.138	1.121	0.357	3.4	23.20
4219	40.9758	116.0938	-200.1	380	TBI	0	0	0	0	58	32.5	2267	77	121	229	1.571	0.528	0.336	3.4	23.20
4220	40.9758	116.0932	-200.1	376	TBI	0	0	0	0	62	32.4	2229	71	153	197	2.155	0.777	0.360	3.4	23.21
4221	40.9758	116.0927	-200.1	370	TBI	0	0	0	0	64	32.3	2125	60	115	227	1.917	0.507	0.264	3.4	23.19

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4222	40.9758	116.0921	-200.1	358	TBI	0	0	0	0	63	32.1	2128	81	165	149	2.037	1.107	0.544	3.4	23.19
4223	40.9757	116.0915	-200.1	347	TBI	0	0	0	0	61	31.8	2191	83	138	153	1.663	0.902	0.542	3.5	23.20
4224	40.9757	116.0910	-200.1	325	TBI	0	0	0	0	66	31.4	2107	40	202	185	5.050	1.092	0.216	3.5	23.20
4225	40.9757	116.0904	-200.1	323	TBI	0	0	0	0	69	31.4	2180	78	66	246	0.846	0.268	0.317	3.5	23.18
4226	40.9757	116.0898	-200.1	328	TBI	0	0	0	0	53	31.5	2261	76	207	176	2.724	1.176	0.432	3.5	23.17
4227	40.9757	116.0893	-200.1	334	TBI	0	0	0	0	63	31.6	2229	67	142	191	2.119	0.743	0.351	3.5	23.15
4228	40.9757	116.0887	-200.1	346	TBI	0	0	0	0	78	31.8	2128	55	144	188	2.618	0.766	0.293	3.6	23.16
4229	40.9757	116.0881	-200.1	364	TBI	0	0	0	0	73	32.2	2140	74	193	145	2.608	1.331	0.510	3.5	23.13
4230	40.9757	116.0876	-200.1	391	TBI	0	0	0	0	60	32.7	2057	62	130	172	2.097	0.756	0.360	3.5	23.13
4231	40.9757	116.0870	-200.1	407	TBI	0	0	0	0	62	33.0	1935	50	214	90	4.280	2.378	0.556	3.6	23.11
4232	40.9757	116.0864	-200.1	410	TBI	0	0	0	0	62	33.1	1942	33	152	167	4.606	0.910	0.198	3.6	23.10
4233	40.9757	116.0859	-200.1	407	TBI	0	0	0	0	53	33.0	1971	52	195	144	3.750	1.354	0.361	3.6	23.10
4234	40.9757	116.0853	-200.1	403	TBI	0	0	0	0	63	33.0	1898	53	122	136	2.302	0.897	0.390	3.6	23.10
4235	40.9757	116.0847	-200.1	387	TBI	0	0	0	0	69	32.6	1878	60	137	137	2.283	1.000	0.438	3.6	23.09
4236	40.9757	116.0841	-200.1	349	TBI	0	0	0	0	54	31.9	1893	66	96	151	1.455	0.636	0.437	3.7	23.07
4237	40.9757	116.0836	-200.1	334	TBI	0	0	0	0	71	31.6	1997	45	179	161	3.978	1.112	0.280	3.6	23.07
4238	40.9757	116.0830	-200.1	347	TBI	0	0	0	0	62	30.1	2115	82	150	163	1.829	0.920	0.503	3.6	23.07
4239	40.9757	116.0824	-200.1	375	TBI	0	0	0	0	74	30.6	2222	72	152	183	2.111	0.831	0.393	3.7	23.03
4240	40.9757	116.0819	-200.1	392	TBI	0	0	0	0	57	30.9	2483	106	82	221	0.774	0.371	0.480	3.6	23.05
4241	40.9757	116.0813	-200.1	383	TBI	0	0	0	0	70	30.8	2479	87	133	240	1.529	0.554	0.363	3.7	23.05
4242	40.9757	116.0807	-200.1	360	TBI	0	0	0	0	63	30.3	2556	75	250	241	3.333	1.037	0.311	3.6	23.01
4243	40.9757	116.0802	-200.1	353	TBI	0	0	0	0	60	30.2	2427	96	122	260	1.271	0.469	0.369	3.7	23.00
4244	40.9757	116.0796	-200.1	354	TBI	0	0	0	0	72	30.2	2470	99	129	264	1.303	0.489	0.375	3.7	22.99
4245	40.9757	116.0790	-200.1	354	TBI	0	0	0	0	64	30.2	2420	74	224	205	3.027	1.093	0.361	3.8	23.01
4246	40.9757	116.0785	-200.1	351	TBI	0	0	0	0	58	30.2	2390	79	197	188	2.494	1.048	0.420	3.7	22.99
4247	40.9757	116.0779	-200.1	357	TBI	0	0	0	0	67	30.3	2295	80	152	207	1.900	0.734	0.386	3.6	22.95
4248	40.9757	116.0773	-200.1	356	TBI	0	0	0	0	55	30.3	2418	92	130	195	1.413	0.667	0.472	3.7	22.97
4249	40.9757	116.0768	-200.1	354	TBI	0	0	0	0	62	30.2	2266	74	230	165	3.108	1.394	0.448	3.6	22.95
4250	40.9757	116.0762	-200.1	352	TBI	0	0	0	0	71	30.2	2267	82	103	227	1.256	0.454	0.361	3.7	22.93
4251	40.9757	116.0756	-200.1	354	TBI	0	0	0	0	63	30.2	2386	110	76	207	0.691	0.367	0.531	3.6	22.93
4252	40.9757	116.0751	-200.1	354	TBI	0	0	0	0	61	30.2	2444	79	159	229	2.013	0.694	0.345	3.6	22.91
4253	40.9757	116.0745	-200.1	352	TBI	0	0	0	0	60	30.2	2559	91	222	260	2.440	0.854	0.350	3.6	22.89
4254	40.9757	116.0739	-200.1	347	TBI	0	0	0	0	66	30.1	2608	96	212	230	2.208	0.922	0.417	3.6	22.90
4255	40.9757	116.0734	-200.1	333	TBI	0	0	0	0	53	29.8	2611	98	230	228	2.347	1.009	0.430	3.5	22.87
4256	40.9757	116.0728	-200.1	317	TBI	0	0	0	0	73	29.5	2592	115	173	224	1.504	0.772	0.513	3.5	22.87
4257	40.9757	116.0722	-200.1	305	TBI	0	0	0	0	51	28.0	2743	110	235	234	2.136	1.004	0.470	3.5	22.86
4258	40.9757	116.0716	-200.1	301	TBI	0	0	0	0	56	27.9	2675	96	231	233	2.406	0.991	0.412	3.5	22.87
4259	40.9757	116.0711	-200.1	295	TBI	0	0	0	0	74	27.8	2604	95	187	244	1.968	0.766	0.389	3.4	22.83
4260	40.9757	116.0705	-200.1	305	TBI	0	0	0	0	62	28.0	2612	97	279	207	2.876	1.348	0.469	3.4	22.81
4261	40.9756	116.0699	-200.1	310	TBI	0	0	0	0	72	28.1	2515	109	151	213	1.398	0.709	0.507	3.5	22.81
4262	40.9756	116.0694	-200.1	338	TBI	0	0	0	0	52	28.6	2498	95	147	248	1.547	0.593	0.383	3.5	22.82
4263	40.9756	116.0688	-200.1	379	TBI	0	0	0	0	60	29.4	2511	116	89	246	0.767	0.362	0.472	3.5	22.80
4264	40.9756	116.0682	-200.1	411	TBI	0	0	0	0	60	29.9	2463	71	233	171	3.282	1.363	0.415	3.4	22.79
4265	40.9756	116.0677	-200.1	437	TBI	0	0	0	0	60	30.4	2456	96	114	266	1.188	0.429	0.361	3.5	22.79
4266	40.9756	116.0671	-200.1	467	TBI	0	0	0	0	78	30.9	2551	96	70	256	0.729	0.273	0.375	3.5	22.79
4267	40.9756	116.0665	-200.1	481	TBI	0	0	0	0	59	31.1	2400	78	140	219	1.795	0.639	0.356	3.2	22.78
4268	40.9756	116.0660	-200.1	486	TBI	0	0	0	0	72	31.2	2313	73	249	87	3.411	2.862	0.839	3.2	22.79
4269	40.9756	116.0654	-200.1	490	TBI	0	0	0	0	67	31.3	2382	82	183	182	2.232	1.005	0.451	2.9	22.80
4270	40.9756	116.0648	-200.1	492	TBI	0	0	0	0	43	31.3	2297	75	165	204	2.200	0.809	0.368	2.9	22.81
4271	40.9756	116.0643	-200.1	492	TBI	0	0	0	0	57	31.3	2241	52	216	149	4.154	1.450	0.349	2.9	22.81
4272	40.9756	116.0637	-200.1	493	TBI	0	0	0	0	84	31.3	2349	70	82	254	1.171	0.323	0.276	2.9	22.81
4273	40.9756	116.0631	-200.1	490	TBI	0	0	0	0	50	31.2	2336	113	85	159	0.752	0.535	0.711	3.0	22.81
4274	40.9756	116.0626	-200.1	481	TBI	0	0	0	0	58	31.1	2329	114	69	201	0.605	0.343	0.567	3.1	22.82
4275	40.9756	116.0620	-200.1	479	TBI	0	0	0	0	60	31.1	2355	67	201	208	3.000	0.966	0.322	3.2	22.83

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4276	40.9756	116.0614	-200.1	483	TBI	0	0	0	0	62	35.6	2436	71	136	209	1.915	0.651	0.340	3.1	22.84
4277	40.9756	116.0609	-200.1	483	TBI	0	0	0	0	71	35.6	2479	101	58	252	0.574	0.230	0.401	3.1	22.84
4278	40.9756	116.0603	-200.1	478	TBI	0	0	0	0	68	35.5	2570	78	178	243	2.282	0.733	0.321	3.2	22.85
4279	40.9756	116.0597	-200.1	459	TBI	0	0	0	0	61	35.1	2655	80	190	268	2.375	0.709	0.299	3.3	22.86
4280	40.9756	116.0591	-200.1	426	TBI	0	0	0	0	74	34.5	2481	107	129	264	1.206	0.489	0.405	3.4	22.87
4281	40.9756	116.0586	-200.1	422	TBI	0	0	0	0	78	34.4	2572	71	180	250	2.535	0.720	0.284	3.4	22.86
4282	40.9756	116.0580	-200.1	400	TBI	0	0	0	0	69	34.0	2716	93	161	265	1.731	0.608	0.351	3.5	22.87
4283	40.9756	116.0574	-200.1	370	TBI	0	0	0	0	59	33.4	2622	86	133	323	1.547	0.412	0.266	3.6	22.86
4284	40.9756	116.0569	-200.1	333	TBI	0	0	0	0	60	32.6	2530	73	153	312	2.096	0.490	0.234	3.6	22.86
4285	40.9756	116.0563	-200.1	311	TBI	0	0	0	0	53	32.1	2487	70	80	348	1.143	0.230	0.201	3.7	22.85
4286	40.9756	116.0557	-200.1	305	TBI	0	0	0	0	54	32.0	2413	55	146	323	2.655	0.452	0.170	3.8	22.85
4287	40.9756	116.0552	-200.1	315	TBI	0	0	0	0	69	32.2	2249	49	220	252	4.490	0.873	0.194	3.8	22.84
4288	40.9756	116.0546	-200.1	345	TBI	0	0	0	0	66	32.9	2498	50	172	318	3.440	0.541	0.157	3.8	22.81
4289	40.9756	116.0540	-200.1	377	TBI	0	0	0	0	73	33.5	2490	73	133	299	1.822	0.445	0.244	3.8	22.82
4290	40.9756	116.0535	-200.1	407	TBI	0	0	0	0	68	34.2	2345	55	139	298	2.527	0.466	0.185	4.0	22.81
4291	40.9756	116.0529	-200.1	419	TBI	0	0	0	0	63	34.4	2442	48	119	333	2.479	0.357	0.144	4.0	22.79
4292	40.9756	116.0523	-200.1	431	TBI	0	0	0	0	56	34.6	2346	65	180	217	2.769	0.829	0.300	4.1	22.81
4293	40.9756	116.0518	-200.1	467	TBI	0	0	0	0	61	35.3	2394	52	137	290	2.635	0.472	0.179	4.1	22.81
4294	40.9756	116.0512	-200.1	455	TBI	0	0	0	0	64	35.1	2441	46	135	328	2.935	0.412	0.140	4.1	22.78
4295	40.9756	116.0506	-200.1	333	TBI	0	0	0	0	69	33.4	2216	53	81	288	1.528	0.281	0.184	4.0	22.79
4296	40.9756	116.0501	-200.1	327	TBI	0	0	0	0	69	32.3	2049	48	106	252	2.208	0.421	0.190	4.2	22.81
4297	40.9756	116.0495	-200.1	299	TBI	0	0	0	0	62	31.7	2037	58	97	233	1.672	0.416	0.249	4.2	22.82
4298	40.9756	116.0489	-200.1	285	TBI	0	0	0	0	69	31.4	2015	53	48	274	0.906	0.175	0.193	4.2	22.79
4299	40.9755	116.0484	-200.1	296	TBI	0	0	0	0	60	31.6	2023	57	85	239	1.491	0.356	0.238	4.2	22.80
4300	40.9755	116.0478	-200.1	325	WF	0	0	0	0	59	32.2	2170	47	155	246	3.298	0.630	0.191	4.3	22.78
4301	40.9755	116.0472	-200.1	319	WF	0	0	0	0	56	32.1	2202	51	184	227	3.608	0.811	0.225	4.2	22.77
4302	40.9755	116.0466	-200.1	308	WF	0	0	0	0	54	31.9	2065	52	144	204	2.769	0.706	0.255	4.3	22.75
4303	40.9755	116.0461	-200.1	319	WF	0	0	0	0	66	32.1	2063	41	183	256	4.463	0.715	0.160	4.4	22.76
4304	40.9755	116.0455	-200.1	340	WF	0	0	0	0	68	32.6	2019	36	198	196	5.500	1.010	0.184	4.4	22.75
4305	40.9755	116.0449	-200.1	355	WF	0	0	0	0	75	32.9	2091	39	129	230	3.308	0.561	0.170	4.4	22.74
4306	40.9755	116.0444	-200.1	359	WF	0	0	0	0	61	33.0	2173	62	102	236	1.645	0.432	0.263	4.4	22.72
4307	40.9755	116.0438	-200.1	372	WF	0	0	0	0	49	33.2	2149	60	121	231	2.017	0.524	0.260	4.4	22.70
4308	40.9755	116.0432	-200.1	389	WF	0	0	0	0	75	33.6	2144	55	107	220	1.945	0.486	0.250	4.4	22.71
4309	40.9755	116.0427	-200.1	409	WF	0	0	0	0	63	34.0	2202	54	157	235	2.907	0.668	0.230	4.4	22.71
4310	40.9755	116.0421	-200.1	427	WF	0	0	0	0	55	34.3	2317	66	86	288	1.303	0.299	0.229	4.5	22.70
4311	40.9755	116.0415	-200.1	451	WF	0	0	0	0	49	34.8	2371	56	175	252	3.125	0.694	0.222	4.5	22.67
4312	40.9755	116.0410	-200.1	465	WF	0	0	0	0	63	35.0	2247	44	132	248	3.000	0.532	0.177	4.4	22.69
4313	40.9755	116.0404	-200.1	460	WF	0	0	0	0	69	35.0	2091	29	146	248	5.034	0.589	0.117	4.5	22.68
4314	40.9755	116.0398	-200.1	443	WF	0	0	0	0	55	31.3	1924	54	147	139	2.722	1.058	0.388	4.5	22.69
4315	40.9755	116.0393	-200.1	437	WF	0	0	0	0	55	31.2	1838	31	110	179	3.548	0.615	0.173	4.5	22.66
4316	40.9755	116.0387	-200.1	443	WF	0	0	0	0	55	31.3	1798	40	74	183	1.850	0.404	0.219	4.4	22.65
4317	40.9755	116.0381	-200.1	469	WF	0	0	0	0	58	31.8	1848	42	160	103	3.810	1.553	0.408	4.5	22.64
4318	40.9755	116.0376	-200.1	484	WF	0	0	0	0	67	32.0	1857	28	172	127	6.143	1.354	0.220	4.4	22.62
4319	40.9755	116.0370	-200.1	488	WF	0	0	0	0	80	32.1	1821	44	107	100	2.432	1.070	0.440	4.5	22.61
4320	40.9755	116.0364	-200.1	488	WF	0	0	0	0	54	32.1	1968	60	82	154	1.367	0.532	0.390	4.4	22.59
4321	40.9755	116.0359	-200.1	486	WF	0	0	0	0	56	32.0	2044	57	37	243	0.649	0.152	0.235	4.5	22.59
4322	40.9755	116.0353	-200.1	489	WF	0	0	0	0	60	32.1	2059	56	135	162	2.411	0.833	0.346	4.5	22.58
4323	40.9755	116.0347	-200.1	487	WF	0	0	0	0	74	32.1	2132	73	148	187	2.027	0.791	0.390	4.5	22.56
4324	40.9755	116.034[illegible]	-200.1	490	WF	0	0	0	0	54	32.1	2330	68	159	199	2.338	0.799	0.342	4.5	22.55
4325	40.9755	116.033[illegible]	-200.1	490	WF	0	0	0	0	65	32.1	2361	80	201	156	2.512	1.288	0.513	4.5	22.53
4326	40.9755	116.0330	-200.1	486	WF	0	0	0	0	73	32.0	2318	71	224	160	3.155	1.400	0.444	4.5	22.50
4327	40.9755	116.0324	-200.1	487	WF	0	0	0	0	60	32.1	2384	80	215	153	2.688	1.405	0.523	4.6	22.52
4328	40.9755	116.0319	-200.1	488	WF	0	0	0	0	54	32.1	2538	97	203	185	2.093	1.097	0.524	4.5	22.49
4329	40.9755	116.0313	-200.1	490	WF	0	0	0	0	63	32.1	2496	95	171	187	1.800	0.914	0.508	4.5	22.47

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4330	40.9755	116.0307	-200.1	491	WF	0	0	0	0	60	32.1	2609	90	218	193	2.422	1.130	0.466	4.6	22.47
4331	40.9755	116.0302	-200.1	492	WF	0	0	0	0	82	32.1	2485	90	125	217	1.389	0.576	0.415	4.4	22.44
4332	40.9755	116.0296	-200.1	492	WF	0	0	0	0	68	32.1	2590	102	194	186	1.902	1.043	0.548	4.3	22.44
4333	40.9755	116.0290	-200.1	493	WF	0	0	0	0	73	30.1	2578	93	183	196	1.968	0.934	0.474	4.3	22.42
4334	40.9755	116.0285	-200.1	494	WF	0	0	0	0	69	30.1	2650	112	218	191	1.946	1.141	0.586	4.3	22.41
4335	40.9755	116.0279	-200.1	491	WF	0	0	0	0	59	30.1	2643	91	184	256	2.022	0.719	0.355	4.3	22.37
4336	40.9755	116.0273	-200.1	489	WF	0	0	0	0	79	30.0	2586	97	191	183	1.969	1.044	0.530	4.3	22.36
4337	40.9754	116.0268	-200.1	480	WF	0	0	0	0	64	29.9	2594	128	163	156	1.273	1.045	0.821	4.3	22.36
4338	40.9754	116.0262	-200.1	461	WF	0	0	0	0	66	29.6	2598	90	261	171	2.900	1.526	0.526	4.2	22.31
4339	40.9754	116.0256	-200.1	449	WF	0	0	0	0	62	29.4	2514	95	179	215	1.884	0.833	0.442	4.2	22.31
4340	40.9754	116.0251	-200.1	430	WF	0	0	0	0	50	29.1	2689	92	213	192	2.315	1.109	0.479	4.2	22.29
4341	40.9754	116.0245	-200.1	413	WF	0	0	0	0	70	28.8	2462	99	136	238	1.374	0.571	0.416	4.2	22.30
4342	40.9754	116.0239	-200.1	401	WF	0	0	0	0	72	28.6	2465	88	156	232	1.773	0.672	0.379	4.1	22.25
4343	40.9754	116.0233	-200.1	405	WF	0	0	0	0	69	28.7	2429	93	157	210	1.688	0.748	0.443	4.0	22.21
4344	40.9754	116.0228	-200.1	420	WF	0	0	0	0	63	29.0	2504	118	165	161	1.398	1.025	0.733	4.1	22.21
4345	40.9754	116.0222	-200.1	450	WF	0	0	0	0	71	29.4	2523	93	160	223	1.720	0.717	0.417	4.0	22.20
4346	40.9754	116.0216	-200.1	483	WF	0	0	0	0	69	30.0	2646	104	194	230	1.865	0.843	0.452	4.0	22.16
4347	40.9754	116.0211	-200.1	488	WF	0	0	0	0	74	30.0	2597	86	188	199	2.186	0.945	0.432	4.1	22.15
4348	40.9754	116.0205	-200.1	488	WF	0	0	0	0	68	30.0	2596	99	203	172	2.051	1.180	0.576	4.0	22.13
4349	40.9754	116.0199	-200.1	487	WF	0	0	0	0	83	30.0	2466	70	222	191	3.171	1.162	0.366	4.1	22.11
4350	40.9754	116.0194	-200.1	484	WF	0	0	0	0	64	30.0	2257	69	157	171	2.275	0.918	0.404	3.9	22.08
4351	40.9754	116.0188	-200.1	483	WF	0	0	0	0	68	30.0	2420	80	182	176	2.275	1.034	0.455	4.0	22.06
4352	40.9754	116.0182	-200.1	488	WF	0	0	0	0	68	26.5	2356	106	121	180	1.142	0.672	0.589	4.0	22.04
4353	40.9754	116.0177	-200.1	491	WF	0	0	0	0	78	26.6	2190	82	140	154	1.707	0.909	0.532	4.0	22.05
4354	40.9754	116.0171	-200.1	496	WF	0	0	0	0	58	26.6	2217	72	99	204	1.375	0.485	0.353	3.9	22.01
4355	40.9754	116.0165	-200.1	535	WF	0	0	0	0	77	27.2	2253	93	164	124	1.763	1.323	0.750	3.9	22.00
4356	40.9754	116.0160	-200.1	590	WF	0	0	0	0	76	27.8	2316	62	127	183	2.048	0.694	0.339	3.9	21.98
4357	40.9754	116.0154	-200.1	614	WF	0	0	0	0	64	28.1	2315	75	128	176	1.707	0.727	0.426	3.9	21.96
4358	40.9754	116.0148	-200.1	614	WF	0	0	0	0	75	28.1	2225	63	211	106	3.349	1.991	0.594	3.9	21.96
4359	40.9754	116.0143	-200.1	615	WF	0	0	0	0	64	28.1	2020	76	144	101	1.895	1.426	0.752	3.8	21.91
4360	40.9754	116.0137	-200.1	628	WF	0	0	0	0	60	28.3	2145	54	187	125	3.463	1.496	0.432	3.8	21.92
4361	40.9754	116.0131	-200.1	621	WF	0	0	0	0	68	28.2	2016	28	153	201	5.464	0.761	0.139	3.7	21.91
4362	40.9754	116.0126	-200.1	604	WF	0	0	0	0	72	28.0	1941	42	195	101	4.643	1.931	0.416	3.7	21.90
4363	40.9754	116.0120	-200.1	582	WF	0	0	0	0	83	27.7	2039	48	158	91	3.292	1.736	0.527	3.7	21.88
4364	40.9754	116.0114	-200.1	567	WF	0	0	0	0	96	27.6	2009	42	139	130	3.310	1.069	0.323	3.7	21.85
4365	40.9754	116.0108	-200.1	555	WF	0	0	0	0	90	27.4	1987	36	244	47	6.778	5.191	0.766	3.7	21.85
4366	40.9754	116.0103	-200.1	526	WF	0	0	0	0	96	27.0	1977	51	171	100	3.353	1.710	0.510	3.7	21.85
4367	40.9754	116.0097	-200.1	499	WF	0	0	0	0	83	26.7	1888	53	150	119	2.830	1.261	0.445	3.6	21.82
4368	40.9754	116.0091	-200.1	495	WF	0	0	0	0	59	26.6	2005	76	132	122	1.737	1.082	0.623	3.6	21.81
4369	40.9754	116.0086	-200.1	490	WF	0	0	0	0	109	26.6	2207	52	191	88	3.673	2.170	0.591	3.7	21.78
4370	40.9754	116.0080	-200.1	486	WF	0	0	0	0	93	26.5	2217	65	166	144	2.554	1.153	0.451	3.7	21.76
4371	40.9754	116.0074	-200.1	471	WF	0	0	0	0	73	35.9	2321	67	180	164	2.687	1.098	0.409	3.7	21.74
4372	40.9754	116.0069	-200.1	442	WF	0	0	0	0	95	35.4	2246	53	192	177	3.623	1.085	0.299	3.6	21.73
4373	40.9754	116.0063	-200.1	420	WF	0	0	0	0	97	35.0	2313	59	127	226	2.153	0.562	0.261	3.7	21.71
4374	40.9754	116.0057	-200.1	407	WF	0	0	0	0	93	34.7	2416	79	181	170	2.291	1.065	0.465	3.7	21.67
4375	40.9753	116.0052	-200.1	394	WF	0	0	0	0	104	34.4	2509	89	176	239	1.978	0.736	0.372	3.7	21.66
4376	40.9753	116.0046	-200.1	369	WF	0	0	0	0	93	33.9	2490	97	149	241	1.536	0.618	0.402	3.7	21.62
4377	40.9753	116.0040	-200.1	333	WF	0	0	0	0	94	33.1	2527	82	170	301	2.073	0.565	0.272	3.7	21.60
4378	40.9753	116.0035	-200.1	312	WF	0	0	0	0	90	32.7	2445	95	134	242	1.411	0.554	0.393	3.7	21.57
4379	40.9753	116.0029	-200.1	295	WF	0	0	0	0	114	32.3	2396	105	80	250	0.762	0.320	0.420	3.7	21.55
4380	40.9753	116.0023	-200.1	299	NA	0	0	0	0	77	32.4	2502	115	60	289	0.522	0.208	0.398	3.6	21.51
4381	40.9753	116.0018	-200.1	333	NA	0	0	0	0	104	33.1	2433	72	127	277	1.764	0.458	0.260	3.6	21.49
4382	40.9753	116.0012	-200.1	350	NA	0	0	0	0	95	33.5	2461	96	183	200	1.906	0.915	0.480	3.6	21.47
4383	40.9753	116.0006	-200.1	355	NA	0	0	0	0	84	33.6	2359	95	133	248	1.400	0.536	0.383	3.6	21.46

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4384	40.9753	116.0001	-200.1	372	NA	0	0	0	0	89	34.0	2312	68	185	202	2.721	0.916	0.337	3.6	21.42
4385	40.9753	115.9995	-200.1	396	NA	0	0	0	0	101	34.5	2425	94	63	261	0.670	0.241	0.360	3.5	21.41
4386	40.9753	115.9989	-200.1	409	NA	0	0	0	0	101	34.7	2356	100	72	223	0.720	0.323	0.448	3.4	21.40
4387	40.9753	115.9983	-200.1	431	NA	0	0	0	0	80	35.2	2448	97	100	242	1.031	0.413	0.401	3.4	21.37
4388	40.9753	115.9978	-200.1	474	NA	0	0	0	0	104	36.0	2463	82	161	200	1.963	0.805	0.410	3.4	21.37
4389	40.9753	115.9972	-200.1	492	NA	0	0	0	0	73	36.3	2451	111	87	206	0.784	0.422	0.539	3.3	21.37
4390	40.9753	115.9966	-200.1	543	NA	0	0	0	0	95	41.2	2428	96	136	163	1.417	0.834	0.589	3.3	21.38
4391	40.9753	115.9961	-200.1	612	NA	0	0	0	0	102	42.5	2392	76	92	224	1.211	0.411	0.339	3.3	21.36
4392	40.9753	115.9955	-200.1	689	NA	0	0	0	0	94	43.8	2480	81	93	210	1.148	0.443	0.386	3.3	21.37
4393	40.9753	115.9949	-200.1	761	NA	1	0	0	0	99	44.9	2643	80	93	251	1.162	0.371	0.319	3.3	21.35
4394	40.9753	115.9944	-200.1	842	NA	1	0	0	0	84	46.1	2467	68	193	164	2.838	1.177	0.415	3.3	21.37
4395	40.9753	115.9938	-200.1	923	NA	1	0	0	0	89	47.1	2442	70	153	178	2.186	0.860	0.393	3.3	21.38
4396	40.9753	115.9932	-200.1	1009	NA	2	0	0	0	97	48.2	2768	81	212	169	2.617	1.254	0.479	3.4	21.39
4397	40.9753	115.9927	-200.1	1035	NA	2	0	0	0	111	48.5	2571	62	143	199	2.306	0.719	0.312	3.3	21.37
4398	40.9753	115.9921	-200.1	1093	NA	2	0	0	0	81	49.1	2546	96	65	218	0.677	0.298	0.440	3.4	21.35
4399	40.9753	115.9915	-200.1	1177	NA	2	0	0	0	91	49.2	2787	97	103	362	1.062	0.285	0.268	3.5	21.34
4400	40.9753	115.9910	-200.1	1264	NA	2	0	1	0	110	49.2	2911	100	39	248	0.390	0.157	0.403	3.6	21.37
4401	40.9753	115.9904	-200.1	1315	NA	2	0	0	0	93	49.2	2957	96	107	224	1.115	0.478	0.429	3.7	21.37
4402	40.9753	115.9898	-200.1	1342	NA	2	0	0	0	70	49.2	2898	116	167	139	1.440	1.201	0.835	3.6	21.38
4403	40.9753	115.9893	-200.1	1352	NA	2	0	0	0	80	49.2	2849	49	258	121	5.265	2.132	0.405	3.7	21.39
4404	40.9753	115.9887	-200.1	1371	NA	2	0	0	0	100	49.2	2900	98	60	203	0.612	0.296	0.483	3.7	21.42
4405	40.9753	115.9881	-200.1	1379	NA	2	0	0	0	76	49.2	2918	98	65	395	0.663	0.165	0.248	3.7	21.43
4406	40.9753	115.9876	-200.1	1395	NA	2	0	0	0	87	49.2	3245	77	158	355	2.052	0.445	0.217	3.8	21.45
4407	40.9753	115.9870	-200.1	1367	NA	2	0	0	0	94	49.2	3037	51	146	296	2.863	0.493	0.172	3.9	21.47
4408	40.9753	115.9864	-200.1	1343	NA	2	0	0	0	76	49.2	2840	78	135	332	1.731	0.407	0.235	4.0	21.49
4409	40.9753	115.9858	-200.1	1330	NA	2	1	0	0	92	58.6	2909	113	113	49	1.000	2.306	2.306	4.0	21.50
4410	40.9753	115.9853	-200.1	1318	NA	2	0	0	0	70	58.6	2980	107	83	271	0.776	0.306	0.395	4.1	21.53
4411	40.9753	115.9847	-200.1	1281	NA	2	0	1	0	87	58.6	2730	104	16	354	0.154	0.045	0.294	4.1	21.56
4412	40.9753	115.9841	-200.1	1255	NA	2	1	0	0	87	58.6	2713	59	162	42	2.746	3.857	1.405	4.0	21.59
4413	40.9752	115.9836	-200.1	1227	NA	2	0	1	0	75	58.6	2862	105	38	331	0.362	0.115	0.317	4.1	21.64
4414	40.9752	115.9830	-200.1	1182	NA	2	0	0	0	73	58.6	2679	103	141	185	1.369	0.762	0.557	4.1	21.66
4415	40.9752	115.9824	-200.1	1160	NA	2	0	0	0	81	58.6	2739	111	109	227	0.982	0.480	0.489	4.0	21.67
4416	40.9752	115.9819	-200.1	1117	NA	2	0	0	0	73	58.6	2709	116	51	214	0.440	0.238	0.542	4.1	21.70
4417	40.9752	115.9813	-200.1	1073	NA	2	0	0	0	84	58.2	2522	89	56	160	0.629	0.350	0.556	4.1	21.71
4418	40.9752	115.9807	-200.1	1030	NA	2	0	0	0	63	57.7	2513	76	145	143	1.908	1.014	0.531	4.1	21.75
4419	40.9752	115.9802	-200.1	972	NA	1	0	0	0	94	56.9	2454	85	79	172	0.929	0.459	0.494	4.1	21.75
4420	40.9752	115.9796	-200.1	937	NA	1	0	0	0	89	56.4	2358	72	82	211	1.139	0.389	0.341	4.2	21.80
4421	40.9752	115.9790	-200.1	904	NA	1	0	0	0	77	55.9	2347	97	99	101	1.021	0.980	0.960	4.3	21.85
4422	40.9752	115.9785	-200.1	870	NA	1	0	0	0	74	55.3	2356	70	109	234	1.557	0.466	0.299	4.3	21.87
4423	40.9752	115.9779	-200.1	827	NA	1	0	0	0	91	54.6	2337	65	122	166	1.877	0.735	0.392	4.4	21.90
4424	40.9752	115.9773	-200.1	789	NA	1	0	0	0	82	54.0	2393	70	69	190	0.986	0.363	0.368	4.5	21.94
4425	40.9752	115.9768	-200.1	758	NA	1	0	0	0	70	53.4	2303	105	40	189	0.381	0.212	0.556	4.6	21.95
4426	40.9752	115.9762	-200.1	746	NA	1	0	0	0	68	53.2	2240	73	107	128	1.466	0.836	0.570	4.6	21.97
4427	40.9752	115.9756	-200.1	721	NA	1	0	0	0	65	52.8	2231	72	117	208	1.625	0.563	0.346	4.6	21.97
4428	40.9752	115.9751	-200.1	710	NA	1	0	0	0	77	45.1	2190	63	121	135	1.921	0.896	0.467	4.6	22.01
4429	40.9752	115.9745	-200.1	703	NA	1	0	0	0	63	45.0	2309	76	96	162	1.263	0.593	0.469	4.8	22.04
4430	40.9752	115.9739	-200.1	685	NA	0	0	0	0	76	44.7	2110	44	126	197	2.864	0.640	0.223	4.8	22.06
4431	40.9752	115.9733	-200.1	693	NA	0	0	0	0	74	44.9	2249	51	181	184	3.549	0.984	0.277	5.0	22.09
4432	40.9752	115.9728	-200.1	666	NA	0	0	0	0	80	44.4	2263	68	108	181	1.588	0.597	0.376	5.0	22.13
4433	40.9752	115.9722	-200.1	631	NA	0	0	0	0	87	43.8	2240	52	170	177	3.269	0.960	0.294	5.0	22.17
4434	40.9752	115.9716	-200.1	612	NA	0	0	0	0	75	43.5	2115	49	108	170	2.204	0.635	0.288	5.1	22.19
4435	40.9752	115.9711	-200.1	590	NA	0	0	0	0	68	43.1	2161	62	143	138	2.306	1.036	0.449	5.2	22.22
4436	40.9752	115.9705	-200.1	544	NA	0	0	0	0	70	42.2	2048	83	34	191	0.410	0.178	0.435	5.2	22.23
4437	40.9752	115.9699	-200.1	532	NA	0	0	0	0	76	41.9	2088	44	146	154	3.318	0.948	0.286	5.2	22.23

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4438	40.9752	115.9694	-200.1	536	NA	0	0	0	0	75	42.0	2136	75	123	135	1.640	0.911	0.556	5.2	22.25
4439	40.9752	115.9688	-200.1	509	NA	0	0	0	0	71	41.5	2143	67	170	117	2.537	1.453	0.573	5.3	22.29
4440	40.9752	115.9682	-200.1	499	NA	0	0	0	0	63	41.2	2174	72	69	200	0.958	0.345	0.360	5.3	22.31
4441	40.9752	115.9677	-200.1	497	NA	0	0	0	0	65	41.2	2266	54	112	261	2.074	0.429	0.207	5.5	22.36
4442	40.9752	115.9671	-200.1	493	NA	0	0	0	0	60	41.1	2270	74	113	210	1.527	0.538	0.352	5.5	22.39
4443	40.9752	115.9665	-200.1	478	NA	0	0	0	0	85	40.8	2356	65	106	238	1.631	0.445	0.273	5.6	22.42
4444	40.9752	115.9660	-200.1	448	NA	0	0	0	0	65	40.2	2253	78	109	238	1.397	0.458	0.328	5.7	22.41
4445	40.9752	115.9654	-200.1	420	NA	0	0	0	0	72	39.6	2302	60	179	205	2.983	0.873	0.293	5.7	22.44
4446	40.9752	115.9648	-200.1	402	NA	0	0	0	0	75	39.1	2241	62	124	221	2.000	0.561	0.281	5.8	22.46
4447	40.9752	115.9643	-200.1	410	NA	0	0	0	0	74	39.3	2308	72	166	173	2.306	0.960	0.416	5.9	22.48
4448	40.9752	115.9637	-200.1	429	NA	0	0	0	0	55	39.7	2387	85	95	274	1.118	0.347	0.310	6.0	22.49
4449	40.9752	115.9631	-200.1	440	NA	0	0	0	0	61	40.0	2418	72	179	185	2.486	0.968	0.389	6.0	22.49
4450	40.9752	115.9625	-200.1	432	NA	0	0	0	0	68	39.8	2300	90	86	224	0.956	0.384	0.402	6.1	22.50
4451	40.9752	115.9620	-200.1	423	NA	0	0	0	0	73	39.6	2356	42	244	165	5.810	1.479	0.255	6.2	22.50
4452	40.9751	115.9614	-200.1	421	NA	0	0	0	0	65	39.6	2384	69	96	287	1.391	0.334	0.240	6.3	22.53
4453	40.9751	115.9608	-200.1	421	NA	0	0	0	0	79	39.6	2330	73	118	241	1.616	0.490	0.303	6.3	22.52
4454	40.9751	115.9603	-200.1	420	NA	0	0	0	0	57	39.6	2428	69	145	287	2.101	0.505	0.240	6.3	22.53
4455	40.9751	115.9597	-200.1	427	NA	0	0	0	0	60	39.7	2354	76	153	205	2.013	0.746	0.371	6.3	22.53
4456	40.9751	115.9591	-200.1	436	NA	0	0	0	0	58	39.9	2474	103	62	279	0.602	0.222	0.369	6.4	22.54
4457	40.9751	115.9586	-200.1	438	NA	0	0	0	0	68	40.0	2445	75	198	209	2.640	0.947	0.359	6.4	22.55
4458	40.9751	115.9580	-200.1	429	NA	0	0	0	0	66	39.8	2355	85	129	208	1.518	0.620	0.409	6.4	22.55
4459	40.9751	115.9574	-200.1	426	NA	0	0	0	0	53	39.7	2389	71	210	236	2.958	0.890	0.301	6.6	22.54
4460	40.9751	115.9569	-200.1	434	NA	0	0	0	0	59	39.9	2435	97	60	256	0.619	0.234	0.379	6.6	22.55
4461	40.9751	115.9563	-200.1	442	NA	0	0	0	0	59	40.0	2350	79	139	195	1.759	0.713	0.405	6.6	22.55
4462	40.9751	115.9557	-200.1	448	NA	0	0	0	0	77	40.2	2348	95	82	219	0.863	0.374	0.434	6.6	22.53
4463	40.9751	115.9552	-200.1	456	NA	0	0	0	0	68	40.3	2522	[illegible]	131	232	1.560	0.565	0.362	6.6	22.55
4464	40.9751	115.9546	-200.1	457	NA	0	0	0	0	72	40.4	2340	8[illegible]	112	202	1.383	0.554	0.401	6.7	22.55
4465	40.9751	115.9540	-200.1	455	NA	0	0	0	0	70	40.3	2367	76	117	211	1.539	0.555	0.360	6.8	22.55

1 GEODATA INT. INC. SINGLE REC LISTING WINNEMUCCA TIE LINE 1

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
150	41.0226	117.9355	-206.0	416	NA	0	0	1	0	59	53.1	2113	76	27	246	0.355	0.110	0.309	14.9	20.00
151	41.0226	117.9356	-204.5	413	NA	0	0	0	0	58	53.0	2162	48	153	189	3.188	0.810	0.254	16.3	20.00
152	41.0226	117.9356	-206.0	408	NA	0	0	0	0	61	52.9	2147	56	121	207	2.161	0.585	0.271	15.3	20.00
153	41.0222	117.9356	-204.9	401	NA	0	0	0	0	63	52.7	2227	62	140	165	2.258	0.848	0.376	15.1	20.00
154	41.0218	117.9356	-205.9	395	NA	0	0	0	0	49	52.5	1967	62	89	202	1.435	0.441	0.307	13.3	20.00
155	41.0214	117.9356	-205.7	393	NA	0	0	0	0	57	52.4	2060	59	76	212	1.288	0.358	0.278	14.7	20.00
156	41.0210	117.9356	-207.1	391	NA	0	0	0	0	66	52.4	2068	54	69	214	1.278	0.322	0.252	12.8	20.00
157	41.0206	117.9356	-207.3	390	NA	0	0	0	0	68	52.3	2085	66	72	207	1.091	0.348	0.319	16.6	20.00
158	41.0202	117.9356	-209.7	387	NA	0	0	1	0	66	52.2	2034	56	14	257	0.250	0.054	0.218	15.8	20.00
159	41.0198	117.9356	-208.7	383	NA	0	0	0	0	63	52.1	1995	55	97	178	1.764	0.545	0.309	15.8	20.00
160	41.0194	117.9356	-207.6	375	NA	0	0	0	0	68	51.9	2029	55	126	158	2.291	0.797	0.348	14.3	20.00
161	41.0190	117.9356	-207.0	362	NA	0	0	0	0	64	51.4	2036	62	92	163	1.484	0.564	0.380	16.8	20.00
162	41.0186	117.9356	-206.1	357	NA	0	0	0	0	61	51.3	2062	79	81	175	1.025	0.463	0.451	15.4	20.00
163	41.0182	117.9356	-206.3	357	NA	0	0	0	0	66	51.3	2005	52	80	194	1.538	0.412	0.268	15.4	20.00
164	41.0178	117.9356	-204.7	346	NA	0	0	0	0	72	50.9	2000	70	93	187	1.329	0.497	0.374	15.6	20.00
165	41.0174	117.9355	-203.6	336	NA	0	0	0	0	61	50.6	1961	40	143	147	3.575	0.973	0.272	15.7	20.00
166	41.0171	117.9355	-202.3	345	NA	0	0	0	0	69	50.9	1959	57	134	174	2.351	0.770	0.328	15.7	20.00
167	41.0167	117.9355	-201.5	362	NA	0	0	0	0	69	51.4	2059	58	147	158	2.534	0.930	0.367	15.6	20.00
168	41.0163	117.9355	-200.3	363	NA	0	0	0	0	60	51.5	2165	75	139	177	1.853	0.785	0.424	15.6	20.00
169	41.0159	117.9355	-199.6	353	NA	0	0	0	0	67	51.1	1963	67	106	169	1.582	0.627	0.396	15.6	20.00
170	41.0155	117.9355	-199.3	338	NA	0	0	0	0	62	52.3	1989	57	120	160	2.105	0.750	0.356	15.6	20.00
171	41.0151	117.9355	-197.9	331	NA	0	0	0	0	67	52.1	2094	65	69	214	1.062	0.322	0.304	15.6	20.00
172	41.0147	117.9355	-196.6	346	NA	0	0	0	0	64	52.6	2020	57	120	166	2.105	0.723	0.343	15.6	20.00
173	41.0143	117.9355	-196.2	368	NA	0	0	1	0	69	53.3	2052	69	0	196	0.014	0.005	0.352	15.6	20.00
174	41.0139	117.9355	-194.4	376	NA	0	0	0	0	75	53.6	2224	66	83	176	1.258	0.472	0.375	15.6	20.00
175	41.0135	117.9355	-193.4	373	NA	0	0	0	0	61	53.5	2104	60	44	249	0.733	0.177	0.241	15.6	20.00
176	41.0131	117.9355	-191.5	371	NA	0	0	0	0	67	53.4	2096	63	94	200	1.492	0.470	0.315	15.6	20.00
177	41.0127	117.9355	-191.1	366	NA	0	0	0	0	66	53.3	2075	63	121	184	1.921	0.658	0.342	15.6	20.00
178	41.0123	117.9355	-190.6	365	NA	0	0	0	0	79	53.2	2163	52	105	193	2.019	0.544	0.269	15.6	20.00
179	41.0119	117.9355	-189.5	354	NA	0	0	0	0	61	52.9	2123	81	36	223	0.444	0.161	0.363	15.7	20.00
180	41.0115	117.9355	-189.7	332	NA	0	0	0	0	66	52.1	2048	65	66	237	1.015	0.278	0.274	15.6	20.00
181	41.0112	117.9355	-186.8	329	NA	0	0	0	0	64	52.0	2084	79	102	174	1.291	0.586	0.454	15.7	20.00
182	41.0108	117.9355	-184.5	337	NA	0	0	0	0	68	52.3	2170	51	148	188	2.902	0.787	0.271	15.7	20.00
183	41.0104	117.9355	-181.6	329	NA	0	0	0	0	65	52.0	2079	58	139	170	2.397	0.818	0.341	15.7	20.00
184	41.0100	117.9355	-182.0	319	NA	0	0	0	0	67	51.7	2019	57	110	186	1.930	0.591	0.306	15.7	20.00
185	41.0096	117.9355	-179.7	323	NA	0	0	0	0	75	51.8	2033	46	57	233	1.239	0.245	0.197	15.6	20.00
186	41.0092	117.9355	-179.5	358	NA	0	0	0	0	68	53.0	2051	61	92	179	1.508	0.514	0.341	15.6	20.00
187	41.0088	117.9355	-178.7	363	NA	0	0	0	0	63	53.2	2166	62	78	213	1.258	0.366	0.291	15.6	20.00
188	41.0084	117.9355	-178.1	330	NA	0	0	0	0	61	52.1	2001	68	61	210	0.897	0.290	0.324	15.6	20.00
189	41.0080	117.9355	-177.2	321	NA	0	0	0	0	61	43.2	1963	59	104	178	1.793	0.584	0.326	15.6	20.00
190	41.0076	117.9355	-175.7	352	NA	0	0	0	0	64	44.1	1936	49	101	160	2.061	0.631	0.306	15.5	20.00
191	41.0072	117.9355	-174.8	374	NA	0	0	0	0	71	44.7	1908	63	107	149	1.698	0.718	0.423	15.5	20.00
192	41.0068	117.9355	-174.0	353	NA	0	0	0	0	64	44.1	1896	58	82	172	1.414	0.477	0.337	15.4	20.00
193	41.0064	117.9355	-171.9	343	NA	0	0	0	0	65	43.8	1979	51	105	169	2.059	0.621	0.302	15.4	20.00
194	41.0060	117.9355	-171.2	333	NA	0	0	0	0	71	43.5	1988	49	68	201	1.388	0.338	0.244	15.4	20.00
195	41.0056	117.9355	-170.3	334	NA	0	0	0	0	67	43.6	1918	56	130	131	2.321	0.992	0.427	15.3	20.00
196	41.0053	117.9355	-168.2	349	NA	0	0	0	0	59	44.0	1974	45	93	179	2.067	0.520	0.251	15.3	20.00
197	41.0049	117.9355	-167.7	378	NA	0	0	0	0	65	44.8	2057	52	136	150	2.615	0.907	0.347	15.2	20.00
198	41.0045	117.9355	-166.3	380	NA	0	0	0	0	57	44.8	2039	48	110	167	2.292	0.659	0.287	15.2	20.00
199	41.0041	117.9355	-164.9	398	NA	0	0	0	0	56	45.3	1970	51	126	133	2.471	0.947	0.383	15.2	20.00
200	41.0037	117.9355	-164.7	431	NA	0	0	0	0	67	46.2	2086	62	75	156	1.210	0.481	0.397	15.1	20.00
201	41.0033	117.9355	-164.4	434	TRR	0	0	0	0	68	46.3	2095	48	157	154	3.271	1.019	0.312	15.1	20.00
202	41.0029	117.9355	-163.4	415	TRR	0	0	0	0	63	45.8	2000	52	60	173	1.154	0.347	0.301	15.1	20.00
203	41.0025	117.9355	-163.2	412	TRR	0	0	1	0	68	45.7	1967	71	22	188	0.310	0.117	0.378	15.0	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
204	41.0021	117.9355	-162.2	442	TRR	0	0	0	0	68	46.5	2021	51	111	163	2.176	0.681	0.313	15.0	20.00
205	41.0017	117.9355	-160.8	435	TRR	0	0	0	0	71	46.3	2047	59	160	148	2.712	1.081	0.399	15.0	20.00
206	41.0013	117.9355	-161.4	400	TRR	0	0	0	0	70	45.4	1932	45	170	123	3.778	1.382	0.366	15.0	20.00
207	41.0009	117.9355	-160.5	393	TRR	0	0	0	0	63	45.2	1963	67	96	139	1.433	0.691	0.482	15.0	20.00
208	41.0005	117.9355	-161.0	402	TRR	0	0	0	0	66	42.6	1793	66	67	114	1.015	0.588	0.579	15.0	20.00
209	41.0001	117.9355	-160.1	417	TRR	0	0	0	0	68	43.0	2069	51	74	162	1.451	0.457	0.315	15.0	20.00
210	40.9997	117.9355	-159.5	434	TRR	0	0	0	0	71	43.4	1942	71	113	125	1.592	0.904	0.568	14.9	20.00
211	40.9994	117.9355	-158.9	453	TRR	0	0	0	0	62	43.9	2069	56	102	173	1.821	0.590	0.324	14.9	20.00
212	40.9990	117.9355	-159.1	463	TRR	0	0	0	0	76	44.1	1947	51	89	158	1.745	0.563	0.323	14.9	20.00
213	40.9986	117.9355	-159.7	457	TRR	0	0	0	0	68	44.0	1968	61	66	168	1.082	0.393	0.363	14.9	20.00
214	40.9982	117.9355	-158.9	409	TRR	0	0	0	0	70	42.8	1850	68	95	139	1.397	0.683	0.489	14.8	20.00
215	40.9978	117.9355	-158.6	383	TRR	0	0	0	0	69	42.2	1792	45	109	142	2.422	0.768	0.317	14.8	20.00
216	40.9974	117.9355	-158.7	374	TRR	0	0	0	0	60	41.9	1827	55	92	139	1.673	0.662	0.396	14.8	20.00
217	40.9970	117.9355	-158.1	391	TRR	0	0	0	0	70	42.4	1826	47	80	159	1.702	0.503	0.296	14.8	20.00
218	40.9966	117.9355	-157.4	427	TRR	0	0	0	0	65	43.3	1882	61	110	162	1.803	0.679	0.377	14.8	20.00
219	40.9962	117.9355	-157.6	464	TRR	0	0	0	0	66	44.1	1962	51	103	162	2.020	0.636	0.315	14.8	20.00
220	40.9958	117.9355	-157.0	481	TRR	0	0	0	0	68	44.5	1886	44	119	177	2.705	0.672	0.249	14.7	20.00
221	40.9954	117.9355	-157.5	486	TRR	0	0	0	0	68	44.6	1981	45	95	167	2.111	0.569	0.269	14.7	20.00
222	40.9950	117.9355	-158.0	489	TRR	0	0	0	0	66	44.7	1912	50	129	119	2.580	1.084	0.420	14.7	20.00
223	40.9946	117.9355	-156.3	487	TRR	0	0	0	0	64	44.7	1939	60	102	119	1.700	0.857	0.504	14.7	20.00
224	40.9942	117.9355	-156.6	485	TRR	0	0	0	0	59	44.6	1942	45	171	84	3.800	2.036	0.536	14.7	20.00
225	40.9938	117.9355	-157.6	469	TRR	0	0	0	0	65	44.3	1889	53	86	140	1.623	0.614	0.379	14.7	20.00
226	40.9934	117.9355	-158.1	464	TRR	0	0	0	0	59	44.1	1899	43	105	187	2.442	0.561	0.230	14.7	20.00
227	40.9931	117.9355	-158.0	456	TRR	0	0	0	0	65	32.8	1846	50	150	111	3.000	1.351	0.450	14.6	20.00
228	40.9927	117.9355	-158.0	460	TRR	0	0	0	0	76	32.8	1747	51	87	123	1.706	0.707	0.415	14.6	20.00
229	40.9923	117.9355	-157.1	483	TRR	0	0	0	0	69	33.2	1903	63	38	203	0.603	0.187	0.310	14.6	20.00
230	40.9919	117.9355	-157.3	491	TRR	0	0	0	0	61	33.4	1778	56	81	154	1.446	0.526	0.364	14.6	20.00
231	40.9915	117.9355	-156.8	496	TRR	0	0	0	0	73	33.4	1904	48	60	185	1.250	0.324	0.259	14.5	20.00
232	40.9911	117.9355	-157.3	500	TRR	0	0	0	0	67	33.5	1867	54	87	164	1.611	0.530	0.329	14.5	20.00
233	40.9907	117.9355	-157.8	503	TRR	0	0	0	0	74	33.6	1804	38	167	102	4.395	1.637	0.373	14.5	20.00
234	40.9903	117.9355	-158.5	513	TRR	0	0	0	0	60	33.7	1786	35	114	141	3.257	0.809	0.248	14.5	20.00
235	40.9899	117.9355	-158.5	519	TRR	0	0	0	0	69	33.8	1782	62	65	132	1.048	0.492	0.470	14.5	20.00
236	40.9895	117.9355	-159.2	530	TRR	0	0	0	0	82	34.0	1876	42	99	138	2.357	0.717	0.304	14.5	20.00
237	40.9891	117.9355	-160.0	526	TRR	0	0	0	0	65	34.0	1964	32	175	132	5.469	1.326	0.242	14.5	20.00
238	40.9887	117.9355	-159.0	533	TRR	0	0	0	0	66	34.1	2034	74	89	110	1.203	0.809	0.673	14.5	20.00
239	40.9883	117.9355	-159.8	531	TRR	0	0	0	0	73	34.0	1993	47	147	134	3.128	1.097	0.351	14.4	20.00
240	40.9879	117.9355	-160.4	527	TRQM	0	0	0	0	70	34.0	2068	43	131	185	3.047	0.708	0.232	14.4	20.00
241	40.9875	117.9355	-161.9	501	TRQM	0	0	0	0	66	33.5	1880	63	177	65	2.810	2.723	0.969	14.4	20.00
242	40.9872	117.9355	-163.2	497	TRQM	0	0	0	0	61	33.5	1859	38	159	112	4.184	1.420	0.339	14.4	20.00
243	40.9868	117.9355	-163.0	494	TRQM	0	0	0	0	64	33.4	1981	80	37	172	0.462	0.215	0.465	14.4	20.00
244	40.9864	117.9355	-165.6	494	TRQM	0	0	0	0	61	33.4	2048	60	45	247	0.750	0.182	0.243	14.4	20.00
245	40.9860	117.9355	-166.7	487	TRQM	0	0	0	0	74	33.3	2002	51	158	131	3.098	1.206	0.389	14.4	20.00
246	40.9856	117.9355	-166.7	484	TRQM	0	0	0	0	55	35.6	2030	53	119	188	2.245	0.633	0.282	14.4	20.00
247	40.9852	117.9355	-167.0	462	TRQM	0	0	0	0	68	35.2	2030	50	152	168	3.040	0.905	0.298	14.4	20.00
248	40.9848	117.9355	-167.9	441	TRQM	0	0	0	0	66	34.8	1951	31	118	190	3.806	0.621	0.163	14.4	20.00
249	40.9844	117.9355	-169.3	423	TRQM	0	0	0	0	68	34.4	1910	44	94	196	2.136	0.480	0.224	14.4	20.00
250	40.9840	117.9355	-169.8	435	TRQM	0	0	0	0	64	34.7	1928	52	180	113	3.462	1.593	0.460	14.4	20.00
251	40.9836	117.9355	-169.3	465	TRQM	0	0	0	0	59	35.3	2098	70	153	152	2.186	1.007	0.461	14.4	20.00
252	40.9832	117.9355	-170.7	452	TRQM	0	0	0	0	66	35.0	2003	64	130	130	2.031	1.000	0.492	14.4	20.00
253	40.9828	117.9355	-170.9	400	TRQM	0	0	0	0	61	34.0	1912	42	147	160	3.500	0.919	0.262	14.5	20.00
254	40.9824	117.9355	-170.9	378	TRQM	0	0	0	0	60	33.6	1922	54	131	170	2.426	0.771	0.318	14.5	20.00
255	40.9820	117.9355	-172.4	384	TRQM	0	0	0	0	56	33.7	1932	47	130	174	2.766	0.747	0.270	14.4	20.00
256	40.9816	117.9355	-172.5	410	TRQM	0	0	0	0	67	34.2	2071	59	104	187	1.763	0.556	0.316	14.4	20.00
257	40.9813	117.9355	-175.0	442	TRQM	0	0	0	0	64	34.8	2133	51	141	208	2.765	0.678	0.245	14.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
258	40.9809	117.9355	-173.4	456	TRQM	0	0	0	0	69	35.1	2130	61	134	181	2.197	0.740	0.337	14.4	20.00
259	40.9805	117.9355	-173.7	454	TRQM	0	0	0	0	71	35.0	2247	92	77	191	0.837	0.403	0.482	14.4	20.00
260	40.9801	117.9355	-173.9	436	TRQM	0	0	0	0	59	34.7	2097	72	78	188	1.083	0.415	0.383	14.4	20.00
261	40.9797	117.9355	-174.5	428	TRQM	0	0	0	0	70	34.6	2022	59	165	129	2.797	1.279	0.457	14.4	20.00
262	40.9793	117.9355	-175.4	446	TRQM	0	0	0	0	69	34.9	2114	38	209	170	5.500	1.229	0.224	14.4	20.00
263	40.9789	117.9355	-175.3	441	TRQM	0	0	0	0	70	34.8	2168	53	157	209	2.962	0.751	0.254	14.5	20.00
264	40.9785	117.9355	-175.5	419	TRQM	0	0	0	0	68	34.4	2070	57	184	158	3.228	1.165	0.361	14.5	20.00
265	40.9781	117.9355	-176.7	402	TRQM	0	0	0	0	68	27.7	2106	60	185	144	3.083	1.285	0.417	14.5	20.00
266	40.9777	117.9355	-177.3	388	TRQM	0	0	0	0	61	27.4	2098	67	178	121	2.657	1.471	0.554	14.5	20.00
267	40.9773	117.9355	-178.2	373	TRQM	0	0	0	0	67	27.2	1969	56	169	145	3.018	1.166	0.386	14.5	20.00
268	40.9769	117.9355	-178.2	380	TRQM	0	0	0	0	67	27.3	2079	62	150	173	2.419	0.867	0.358	14.5	20.00
269	40.9765	117.9355	-178.6	398	TRQM	0	0	0	0	65	27.6	2065	68	158	175	2.324	0.903	0.389	14.5	20.00
270	40.9761	117.9355	-179.1	403	TRQM	0	0	0	0	69	27.7	2149	50	152	189	3.040	0.804	0.265	14.5	20.00
271	40.9757	117.9355	-180.1	403	TRQM	0	0	0	0	65	27.7	2143	66	173	143	2.621	1.210	0.462	14.5	20.00
272	40.9754	117.9355	-181.5	416	TRQM	0	0	0	0	73	27.9	2272	57	136	194	2.211	0.649	0.294	14.5	20.00
273	40.9750	117.9355	-181.6	415	TRQM	0	0	0	0	66	27.9	2187	48	142	185	2.958	0.768	0.259	14.5	20.00
274	40.9746	117.9355	-181.4	415	TRQM	0	0	0	0	65	27.9	2209	52	168	183	3.231	0.918	0.284	14.5	20.00
275	40.9742	117.9355	-181.9	419	TRQM	0	0	0	0	70	27.9	2241	73	113	175	1.548	0.646	0.417	14.5	20.00
276	40.9738	117.9355	-183.0	411	TRQM	0	0	0	0	63	27.8	2167	71	113	173	1.592	0.653	0.410	14.5	20.00
277	40.9734	117.9355	-185.0	409	TRQM	0	0	0	0	71	27.8	2094	60	131	184	2.183	0.712	0.326	14.5	20.00
278	40.9730	117.9355	-183.2	420	TRQM	0	0	0	0	62	28.0	2096	44	219	138	4.977	1.587	0.319	14.5	20.00
279	40.9726	117.9355	-184.2	428	TRQM	0	0	0	0	57	28.1	2238	73	132	183	1.808	0.721	0.399	14.5	20.00
280	40.9722	117.9355	-184.3	424	TRQM	0	0	0	0	59	28.0	2041	65	129	139	1.985	0.928	0.468	14.5	20.00
281	40.9718	117.9355	-185.6	419	TRQM	0	0	0	0	66	27.9	2063	42	197	168	4.690	1.173	0.250	14.5	20.00
282	40.9714	117.9355	-187.8	404	TRQM	0	0	0	0	63	27.7	2100	55	203	165	3.691	1.230	0.333	14.5	20.00
283	40.9710	117.9355	-188.7	390	TRQM	0	0	0	0	63	27.5	2004	58	90	174	1.552	0.517	0.333	14.5	20.00
284	40.9706	117.9355	-189.4	393	TRQM	0	0	0	0	67	38.6	2018	70	79	155	1.129	0.510	0.452	14.5	20.00
285	40.9702	117.9355	-190.8	411	TRQM	0	0	0	0	63	39.0	2030	58	152	130	2.621	1.169	0.446	14.5	20.00
286	40.9698	117.9355	-192.2	435	TRQM	0	0	0	0	67	39.5	2012	69	100	123	1.449	0.813	0.561	14.5	20.00
287	40.9695	117.9355	-192.3	458	TRQM	0	0	0	0	64	40.0	2157	66	107	176	1.621	0.608	0.375	14.6	20.00
288	40.9691	117.9355	-192.7	472	TRQM	0	0	0	0	63	40.3	2077	70	117	123	1.671	0.951	0.569	14.6	20.00
289	40.9687	117.9355	-194.4	479	TRQM	0	0	0	0	66	40.5	2043	62	139	196	2.242	0.709	0.316	14.6	20.00
290	40.9683	117.9355	-195.9	485	TRQM	0	0	0	0	60	40.6	2190	62	155	154	2.500	1.006	0.403	14.6	20.00
291	40.9679	117.9355	-197.2	487	TRQM	0	0	0	0	65	40.6	2277	75	162	181	2.160	0.895	0.414	14.6	20.00
292	40.9675	117.9355	-197.5	488	TRQM	0	0	0	0	67	40.7	2115	55	116	163	2.109	0.712	0.337	14.6	20.00
293	40.9671	117.9355	-198.7	489	QOA1	0	0	0	0	66	40.7	2168	69	165	144	2.391	1.146	0.479	14.7	20.00
294	40.9667	117.9355	-200.7	492	QOA1	0	0	0	0	67	40.7	2179	57	138	140	2.421	0.986	0.407	14.7	20.00
295	40.9663	117.9355	-200.0	491	QOA1	0	0	0	0	65	40.7	2215	71	159	116	2.239	1.371	0.612	14.6	20.00
296	40.9659	117.9355	-201.3	490	QOA1	0	0	0	0	65	40.7	2106	71	110	201	1.549	0.547	0.353	14.6	20.00
297	40.9655	117.9355	-201.6	490	QOA1	0	0	0	0	65	40.7	2114	70	44	233	0.629	0.189	0.300	14.7	20.00
298	40.9651	117.9355	-202.4	490	QOA1	0	0	0	0	67	40.7	2167	54	146	175	2.704	0.834	0.309	14.7	20.00
299	40.9647	117.9355	-203.9	488	QOA1	0	0	0	0	61	40.7	2172	49	182	148	3.714	1.230	0.331	14.7	20.00
300	40.9643	117.9355	-204.0	488	QOA1	0	0	0	0	61	40.7	2138	79	85	191	1.076	0.445	0.414	14.7	20.00
301	40.9639	117.9356	-204.5	490	QOA1	0	0	0	0	68	40.7	2077	55	100	153	1.818	0.654	0.359	14.8	20.00
302	40.9635	117.9356	-205.0	489	QOA1	0	0	0	0	63	40.7	2320	45	148	192	3.289	0.771	0.234	14.8	20.00
303	40.9630	117.9356	-204.6	485	TRQM	0	0	0	0	68	38.4	2097	65	124	146	1.908	0.849	0.445	14.8	20.00
304	40.9626	117.9356	-205.1	483	TRQM	0	0	0	0	71	38.4	2130	55	144	153	2.618	0.941	0.359	14.8	20.00
305	40.9622	117.9357	-204.5	472	TRQM	0	0	0	0	61	38.2	2237	62	125	186	2.016	0.672	0.333	14.8	20.00
306	40.9618	117.9357	-203.3	460	TRQM	0	0	0	0	69	37.9	2128	75	115	160	1.533	0.719	0.469	14.8	20.00
307	40.9614	117.9357	-202.0	438	TRQM	0	0	0	0	64	37.5	2182	53	221	129	4.170	1.713	0.411	14.9	20.00
308	40.9610	117.9357	-201.3	407	TRQM	0	0	0	0	65	36.8	2092	53	162	119	3.057	1.361	0.445	14.9	20.00
309	40.9606	117.9358	-199.6	376	TRQM	0	0	0	0	70	36.2	2003	57	168	110	2.947	1.527	0.518	14.9	20.00
310	40.9601	117.9358	-198.0	365	TRQM	0	0	0	0	62	35.9	1854	63	136	110	2.159	1.236	0.573	14.9	20.00
311	40.9597	117.9358	-193.6	382	TRQM	0	0	0	0	66	36.3	2122	50	167	166	3.340	1.006	0.301	15.0	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	IL	BI	K	BI:IL	BI:K	IL:K	TEMP	BP
312	40.9593	117.9358	-192.8	414	TRQM	0	0	0	0	60	37.0	2181	67	100	204	1.493	0.490	0.328	15.0	20.00
313	40.9589	117.9359	-191.7	436	TRQM	0	0	0	0	66	37.4	2171	65	123	187	1.892	0.658	0.348	15.0	20.00
314	40.9585	117.9359	-189.2	436	TRQM	0	0	0	0	70	37.4	1981	47	108	178	2.298	0.607	0.264	15.0	20.00
315	40.9581	117.9359	-187.8	432	TRQM	0	0	0	0	67	37.4	2137	48	171	198	3.563	0.864	0.242	15.0	20.00
316	40.9577	117.9359	-187.0	435	TRQM	0	0	0	0	57	37.4	2159	84	164	130	1.952	1.262	0.646	15.0	20.00
317	40.9572	117.9359	-184.7	440	TRQM	0	0	0	0	70	37.5	2144	57	186	116	3.263	1.603	0.491	15.0	20.00
318	40.9568	117.9360	-182.2	445	TRQM	0	0	0	0	65	37.6	2189	47	154	175	3.277	0.880	0.269	15.0	20.00
319	40.9564	117.9360	-176.7	443	QYA	0	0	0	0	65	37.6	2138	53	144	170	2.717	0.847	0.312	15.0	20.00
320	40.9560	117.9360	-172.6	438	QYA	0	0	0	0	70	37.5	2109	40	136	179	3.400	0.760	0.223	15.0	20.00
321	40.9556	117.9360	-169.3	436	QYA	0	0	0	0	57	37.4	2151	45	136	167	3.022	0.814	0.269	15.0	20.00
322	40.9552	117.9361	-164.6	440	QYA	0	0	0	0	64	41.4	2224	64	136	168	2.125	0.810	0.381	15.0	20.00
323	40.9547	117.9361	-160.6	444	QYA	0	0	0	0	61	41.5	2207	60	111	205	1.850	0.541	0.293	15.0	20.00
324	40.9543	117.9361	-156.8	448	QYA	0	0	0	0	61	41.6	2137	67	115	159	1.716	0.723	0.421	15.0	20.00
325	40.9539	117.9361	-153.8	452	QYA	0	0	1	0	61	41.7	1947	70	0	226	0.014	0.004	0.310	15.0	20.00
326	40.9535	117.9362	-153.0	457	QYA	0	0	0	0	64	41.8	2053	31	114	212	3.677	0.538	0.146	15.0	20.00
327	40.9531	117.9362	-153.1	449	QYA	0	0	0	0	60	41.6	1893	53	121	159	2.283	0.761	0.333	14.9	20.00
328	40.9527	117.9362	-151.9	447	QYA	0	0	0	0	52	41.6	1919	56	120	170	2.143	0.706	0.329	14.9	20.00
329	40.9523	117.9362	-152.9	452	TRQM	0	0	0	0	65	41.7	1923	62	114	130	1.839	0.877	0.477	14.9	20.00
330	40.9518	117.9363	-154.1	456	TRQM	0	0	0	0	67	41.8	2146	55	145	181	2.636	0.801	0.304	14.9	20.00
331	40.9514	117.9363	-156.1	460	TRQM	0	0	0	0	68	41.9	2022	48	146	144	3.042	1.014	0.333	14.9	20.00
332	40.9510	117.9363	-160.4	457	TRQM	0	0	0	0	66	41.8	1998	49	169	146	3.449	1.158	0.336	14.9	20.00
333	40.9506	117.9363	-162.7	451	TRQM	0	0	0	0	67	41.7	2038	65	68	199	1.046	0.342	0.327	14.8	20.00
334	40.9502	117.9364	-164.5	449	TRQM	0	0	0	0	63	41.6	2078	57	148	151	2.596	0.980	0.377	14.8	20.00
335	40.9498	117.9364	-165.4	460	TRQM	0	0	0	0	66	41.9	2138	48	124	197	2.583	0.629	0.244	14.8	20.00
336	40.9493	117.9364	-168.1	475	TRQM	0	0	0	0	61	42.2	2209	51	131	181	2.569	0.724	0.282	14.8	20.00
337	40.9489	117.9364	-168.8	485	TRQM	0	0	0	0	64	42.4	2157	72	99	219	1.375	0.452	0.329	14.8	20.00
338	40.9485	117.9365	-168.0	487	TRQM	0	0	0	0	57	42.5	2125	67	122	160	1.821	0.763	0.419	14.7	20.00
339	40.9481	117.9365	-167.5	490	TRQM	0	0	0	0	62	42.5	2035	57	76	205	1.333	0.371	0.278	14.7	20.00
340	40.9477	117.9365	-165.5	490	TRQM	0	0	0	0	66	42.5	2051	44	174	137	3.955	1.270	0.321	14.6	20.00
341	40.9473	117.9365	-161.6	491	TRQM	0	0	0	0	65	40.5	2024	46	142	146	3.087	0.973	0.315	14.6	20.00
342	40.9469	117.9366	-155.3	492	TRQM	0	0	0	0	57	40.6	2022	57	161	155	2.825	1.039	0.368	14.6	20.00
343	40.9464	117.9366	-145.1	491	TRQM	0	0	0	0	71	40.5	1853	58	91	154	1.569	0.591	0.377	14.6	20.00
344	40.9460	117.9366	-122.6	492	TRQM	0	0	0	0	66	40.5	1899	51	127	142	2.490	0.894	0.359	14.6	20.00
345	40.9456	117.9366	-113.9	492	TRQM	0	0	0	0	61	40.5	2023	43	176	154	4.093	1.143	0.279	14.6	20.00
346	40.9452	117.9367	-107.6	493	TRQM	0	0	0	0	64	40.6	1966	45	199	105	4.422	1.895	0.429	14.6	20.00
347	40.9448	117.9367	-103.9	492	TRQM	0	0	0	0	55	40.6	1993	57	117	146	2.053	0.801	0.390	14.6	20.00
348	40.9444	117.9367	-104.2	495	TRQM	0	0	0	0	65	40.6	2124	74	79	169	1.068	0.467	0.438	14.6	20.00
349	40.9439	117.9367	-104.4	495	TRQM	0	0	0	0	65	40.6	1997	60	86	187	1.433	0.460	0.321	14.5	20.00
350	40.9435	117.9367	-105.2	494	QYA	0	0	0	0	61	40.6	1999	35	141	174	4.029	0.810	0.201	14.5	20.00
351	40.9431	117.9368	-106.7	496	QYA	0	0	0	0	67	40.6	2044	43	82	188	1.907	0.436	0.229	14.5	20.00
352	40.9427	117.9368	-110.0	498	QYA	0	0	0	0	67	40.7	2017	42	110	171	2.619	0.643	0.246	14.5	20.00
353	40.9423	117.9368	-112.7	496	QYA	0	0	0	0	64	40.6	1965	56	80	150	1.429	0.533	0.373	14.4	20.00
354	40.9419	117.9368	-117.0	497	QYA	0	0	0	0	57	40.7	1925	49	138	112	2.816	1.232	0.438	14.5	20.00
355	40.9415	117.9369	-123.0	498	QYA	0	0	0	0	58	40.7	1957	54	101	175	1.870	0.577	0.309	14.4	20.00
356	40.9410	117.9369	-129.0	498	QYA	0	0	0	0	69	40.7	1906	42	101	159	2.405	0.635	0.264	14.4	20.00
357	40.9406	117.9369	-142.6	499	QYA	0	0	0	0	61	40.7	1933	26	115	189	4.423	0.608	0.138	14.4	20.00
358	40.9402	117.9369	-148.1	500	QYA	0	0	0	0	71	40.7	2006	50	90	154	1.800	0.584	0.325	14.4	20.00
359	40.9398	117.9370	-153.5	508	QYA	0	0	0	0	66	40.9	1945	51	120	122	2.353	0.984	0.418	14.4	20.00
360	40.9394	117.9370	-159.3	514	QYA	0	0	0	0	67	42.5	1984	53	74	133	1.396	0.556	0.398	14.4	20.00
361	40.9390	117.9370	-164.2	525	QYA	0	0	0	0	61	42.8	1928	32	134	119	4.188	1.126	0.269	14.4	20.00
362	40.9386	117.9370	-168.9	533	QYA	0	0	0	0	68	42.9	1966	32	99	161	3.094	0.615	0.199	14.4	20.00
363	40.9381	117.9371	-173.4	538	QYA	0	0	0	0	65	43.0	2008	53	119	73	2.245	1.630	0.726	14.4	20.00
364	40.9377	117.9371	-179.0	530	QYA	0	0	0	0	68	42.9	1988	48	155	112	3.229	1.384	0.429	14.4	20.00
365	40.9373	117.9371	-184.4	541	QYA	0	0	0	0	65	43.1	1876	51	88	143	1.725	0.615	0.357	14.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
366	40.9369	117.9371	-189.2	539	QYA	0	0	0	0	63	43.1	1840	45	101	138	2.244	0.732	0.326	14.4	20.00
367	40.9365	117.9372	-193.0	530	QYA	0	0	0	0	60	42.9	1869	43	102	161	2.372	0.634	0.267	14.4	20.00
368	40.9361	117.9372	-197.5	536	QYA	0	0	0	0	68	43.0	1817	31	149	124	4.806	1.202	0.250	14.4	20.00
369	40.9356	117.9372	-207.8	528	QYA	0	0	0	0	64	42.8	1963	49	70	211	1.429	0.332	0.232	14.4	20.00
370	40.9352	117.9372	-211.2	516	QYA	0	0	0	0	61	42.6	1973	32	88	219	2.750	0.402	0.146	14.5	20.00
371	40.9349	117.9372	-215.8	510	QYA	0	0	0	0	68	42.5	1928	33	120	167	3.636	0.719	0.198	14.5	20.00
372	40.9345	117.9372	-219.2	506	QYA	0	0	0	0	64	42.4	2010	45	115	135	2.556	0.852	0.333	14.5	20.00
373	40.9341	117.9372	-223.2	507	QYA	0	0	0	0	63	42.4	1984	50	96	146	1.920	0.658	0.342	14.5	20.00
374	40.9338	117.9371	-225.5	502	QYA	0	0	0	0	63	42.3	1993	52	122	135	2.346	0.904	0.385	14.5	20.00
375	40.9334	117.9371	-229.5	516	QYA	0	0	0	0	61	42.6	1894	41	153	136	3.732	1.125	0.301	14.5	20.00
376	40.9330	117.9371	-233.0	520	QYA	0	0	0	0	68	42.7	1917	43	69	189	1.605	0.365	0.228	14.5	20.00
377	40.9327	117.9371	-233.2	509	QYA	0	0	0	0	78	42.4	1936	31	101	190	3.258	0.532	0.163	14.5	20.00
378	40.9323	117.9370	-233.7	507	QYA	0	0	0	0	67	42.4	1844	54	96	135	1.778	0.711	0.400	14.5	20.00
379	40.9320	117.9370	-234.3	510	QYA	0	0	0	0	59	40.4	1898	65	63	182	0.969	0.346	0.357	14.6	20.00
380	40.9316	117.9370	-234.9	500	QYA	0	0	0	0	66	40.2	1912	54	122	169	2.259	0.722	0.320	14.6	20.00
381	40.9312	117.9370	-234.5	501	QYA	0	0	0	0	63	40.2	2001	66	72	174	1.091	0.414	0.379	14.7	20.00
382	40.9309	117.9369	-232.8	496	QYA	0	0	0	0	60	40.1	1919	48	124	146	2.583	0.849	0.329	14.7	20.00
383	40.9305	117.9369	-231.9	494	QYA	0	0	0	0	60	40.0	1956	48	122	173	2.542	0.705	0.277	14.7	20.00
384	40.9301	117.9369	-230.0	493	QYA	0	0	0	0	69	40.0	2015	40	126	169	3.150	0.746	0.237	14.8	20.00
385	40.9298	117.9369	-227.3	494	QYA	0	0	0	0	63	40.1	2042	48	122	175	2.542	0.697	0.274	14.8	20.00
386	40.9294	117.9368	-225.3	493	QYA	0	0	0	0	66	40.0	1996	36	137	153	3.806	0.895	0.235	14.9	20.00
387	40.9291	117.9368	-222.9	492	QYA	0	0	0	0	57	40.0	2029	44	115	192	2.614	0.599	0.229	14.9	20.00
388	40.9287	117.9368	-221.2	492	QYA	0	0	0	0	58	40.0	2070	57	142	161	2.491	0.882	0.354	14.9	20.00
389	40.9283	117.9368	-220.0	491	QYA	0	0	0	0	66	40.0	2155	36	180	185	5.000	0.973	0.195	15.0	20.00
390	40.9280	117.9368	-218.6	490	QYA	0	0	0	0	64	40.0	2174	64	150	168	2.344	0.893	0.381	15.0	20.00
391	40.9276	117.9367	-219.4	489	QYA	0	0	0	0	60	40.0	2129	46	126	228	2.739	0.553	0.202	15.1	20.00
392	40.9272	117.9367	-222.2	489	QYA	0	0	0	0	71	40.0	2152	35	107	185	3.057	0.578	0.189	15.2	20.00
393	40.9269	117.9367	-224.6	488	QYA	0	0	0	0	69	39.9	2159	46	126	216	2.739	0.583	0.213	15.2	20.00
394	40.9265	117.9367	-227.3	488	QYA	0	0	0	0	55	39.9	2182	63	108	168	1.714	0.643	0.375	15.2	20.00
395	40.9261	117.9366	-235.4	485	QYA	0	0	0	0	56	39.9	2152	58	153	207	2.638	0.739	0.280	15.2	20.00
396	40.9258	117.9366	-238.7	486	QYA	0	0	0	0	56	39.9	2220	59	163	178	2.763	0.916	0.331	15.2	20.00
397	40.9254	117.9366	-242.1	483	QYA	0	0	0	0	58	39.8	2231	63	93	204	1.476	0.456	0.309	15.2	20.00
398	40.9251	117.9366	-245.4	481	QYA	0	0	0	0	73	47.4	2139	50	116	194	2.320	0.598	0.258	15.3	20.00
399	40.9247	117.9365	-248.2	477	QYA	0	0	0	0	64	47.3	2116	42	87	266	2.071	0.327	0.158	15.3	20.00
400	40.9243	117.9365	-250.3	477	TRWI1	0	0	0	0	67	47.3	2215	57	68	249	1.193	0.273	0.229	15.4	20.00
401	40.9240	117.9365	-255.3	481	TRWI1	0	0	0	0	70	47.4	2204	63	90	202	1.429	0.446	0.312	15.4	20.00
402	40.9236	117.9365	-261.1	482	TRWI1	0	0	0	0	64	47.4	2277	65	128	187	1.969	0.684	0.348	15.4	20.00
403	40.9232	117.9364	-271.9	480	TRWI1	0	0	0	0	56	47.4	2283	63	87	195	1.381	0.446	0.323	15.4	20.00
404	40.9229	117.9364	-284.3	480	TRWI1	0	0	0	0	62	47.3	2213	52	129	199	2.481	0.648	0.261	15.4	20.00
405	40.9225	117.9364	-303.6	478	TRWI1	0	0	0	0	63	47.3	2125	55	131	170	2.620	0.771	0.294	15.4	20.00
406	40.9222	117.9364	-323.2	476	TRWI1	0	0	0	0	62	47.3	2213	65	84	206	1.292	0.408	0.316	15.4	20.00
407	40.9218	117.9363	-361.1	464	TRWI1	0	0	0	0	59	47.0	2189	71	102	197	1.437	0.518	0.360	15.5	20.00
408	40.9214	117.9363	-370.7	451	TRWI1	0	0	0	0	56	46.6	2242	68	151	196	2.221	0.770	0.347	15.5	20.00
409	40.9211	117.9363	-376.7	436	TRWI1	0	0	0	0	63	46.3	2181	63	149	166	2.365	0.898	0.380	15.5	20.00
410	40.9207	117.9363	-378.3	428	TRWI1	0	0	0	0	63	46.1	2099	41	142	169	3.463	0.840	0.243	15.6	20.00
411	40.9203	117.9363	-374.3	435	TRWI1	0	0	0	0	68	46.2	2155	60	165	135	2.750	1.222	0.444	15.6	20.00
412	40.9200	117.9362	-366.3	439	TRWI1	0	0	0	0	64	46.3	2294	64	129	194	2.016	0.665	0.330	15.7	20.00
413	40.9196	117.9362	-355.4	436	TRWI1	0	0	0	0	61	46.3	2220	73	87	186	1.192	0.468	0.392	15.7	20.00
414	40.9192	117.9362	-341.8	430	TRWI1	0	0	0	0	59	46.1	2208	67	68	186	1.015	0.366	0.360	15.6	20.00
415	40.9189	117.9362	-325.4	423	TRWI1	0	0	0	0	68	45.9	2009	60	140	194	2.333	0.722	0.309	15.6	20.00
416	40.9185	117.9361	-302.9	425	TRWI1	0	0	0	0	69	46.0	2099	57	101	212	1.772	0.476	0.269	15.6	20.00
417	40.9182	117.9361	-271.7	428	TRWI1	0	0	0	0	69	45.0	2190	75	130	188	1.733	0.691	0.399	15.6	20.00
418	40.9178	117.9361	-237.8	429	TRWI1	0	0	0	0	64	45.0	2137	65	105	170	1.615	0.618	0.382	15.6	20.00
419	40.9174	117.9361	-208.4	422	QYA	0	0	0	0	65	44.9	2103	58	140	217	2.414	0.645	0.267	15.5	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
420	40.9171	117.9360	-175.0	412	QYA	0	0	0	0	56	44.6	2068	47	160	180	3.404	0.889	0.261	15.6	20.00
421	40.9167	117.9360	-166.6	405	QYA	0	0	0	0	62	44.4	2165	56	150	188	2.679	0.798	0.298	15.5	20.00
422	40.9163	117.9360	-160.8	393	QYA	0	0	0	0	61	44.1	2217	39	168	202	4.308	0.832	0.193	15.5	20.00
423	40.9160	117.9360	-157.2	383	QYA	0	0	0	0	67	43.9	2083	68	69	211	1.015	0.327	0.322	15.5	20.00
424	40.9156	117.9359	-152.0	378	QYA	0	0	0	0	62	43.7	2044	53	130	183	2.453	0.710	0.290	15.5	20.00
425	40.9152	117.9359	-145.6	384	QYA	0	0	0	0	65	43.9	2108	62	95	185	1.532	0.514	0.335	15.5	20.00
426	40.9149	117.9359	-136.9	403	QYA	0	0	0	0	65	44.4	2047	63	97	162	1.540	0.599	0.389	15.5	20.00
427	40.9145	117.9359	-126.1	420	QYA	0	0	0	0	66	44.8	2087	51	147	144	2.882	1.021	0.354	15.5	20.00
428	40.9142	117.9358	-114.6	434	QYA	0	0	0	0	61	45.2	2103	49	114	205	2.327	0.556	0.239	15.6	20.00
429	40.9138	117.9358	-98.0	445	QYA	0	0	0	0	63	45.4	2100	58	76	184	1.310	0.413	0.315	15.6	20.00
430	40.9134	117.9358	-80.0	457	QYA	0	0	0	0	67	45.7	2205	68	73	168	1.074	0.435	0.405	15.5	20.00
431	40.9131	117.9358	-59.5	469	QYA	0	0	0	0	67	46.0	2169	68	129	166	1.897	0.777	0.410	15.5	20.00
432	40.9127	117.9357	-17.9	480	QYA	0	0	0	0	63	46.3	2084	28	203	160	7.250	1.269	0.175	15.5	20.00
433	40.9123	117.9357	7.8	483	QYA	0	0	0	0	64	46.3	2128	47	131	149	2.787	0.879	0.315	15.5	20.00
434	40.9120	117.9357	34.8	486	QYA	0	0	1	0	62	46.4	2052	64	11	203	0.172	0.054	0.315	15.5	20.00
435	40.9116	117.9357	63.5	486	QYA	0	0	0	0	64	46.4	2119	40	79	246	1.975	0.321	0.163	15.5	20.00
436	40.9113	117.9357	93.9	488	QYA	0	0	0	0	66	53.1	2105	63	115	152	1.825	0.757	0.414	15.5	20.00
437	40.9109	117.9356	128.4	488	QYA	0	0	1	0	63	53.2	2129	62	15	240	0.242	0.063	0.258	15.5	20.00
438	40.9105	117.9356	162.3	490	QYA	0	0	0	0	69	53.2	2027	50	96	153	1.920	0.627	0.327	15.5	20.00
439	40.9101	117.9356	189.3	493	QYA	0	0	0	0	67	53.3	2033	59	56	157	0.949	0.357	0.376	15.4	20.00
440	40.9096	117.9357	200.3	496	QYA	0	0	1	0	60	53.4	2039	68	11	202	0.162	0.054	0.337	15.4	20.00
441	40.9092	117.9357	186.9	499	QYA	0	0	0	0	60	53.4	2032	34	170	114	5.000	1.491	0.298	15.4	20.00
442	40.9088	117.9357	154.9	503	QYA	0	0	0	0	61	53.6	1938	27	117	150	4.333	0.780	0.180	15.4	20.00
443	40.9083	117.9357	115.4	510	QYA	0	0	0	0	66	53.8	1921	44	87	139	1.977	0.626	0.317	15.4	20.00
444	40.9079	117.9358	79.6	525	QYA	0	0	0	0	60	54.1	1950	59	95	142	1.610	0.669	0.415	15.3	20.00
445	40.9074	117.9358	25.4	508	QYA	0	0	0	0	64	53.7	1793	30	106	144	3.533	0.736	0.208	15.4	20.00
446	40.9070	117.9358	6.9	512	QYA	0	0	0	0	61	53.8	1918	41	27	179	0.659	0.151	0.229	15.4	20.00
447	40.9066	117.9358	-9.4	500	QYA	0	0	0	0	60	53.5	1723	43	70	146	1.628	0.479	0.295	15.3	20.00
448	40.9061	117.9359	-22.7	500	QYA	0	0	0	0	61	53.5	1840	35	114	117	3.257	0.974	0.299	15.3	20.00
449	40.9057	117.9359	-33.9	501	QYA	0	0	0	0	55	53.5	1777	30	67	156	2.233	0.429	0.192	15.3	20.00
450	40.9052	117.9359	-43.4	499	QYA	0	0	0	0	62	53.4	1715	38	114	80	3.000	1.425	0.475	15.3	20.00
451	40.9048	117.9359	-52.7	500	QYA	0	0	0	0	57	53.5	1721	38	108	113	2.842	0.956	0.336	15.3	20.00
452	40.9044	117.9360	-60.9	509	QYA	0	0	0	0	58	53.7	1748	35	94	109	2.686	0.862	0.321	15.3	20.00
453	40.9039	117.9360	-69.6	515	QYA	0	0	0	0	56	53.9	1711	40	99	106	2.475	0.934	0.377	15.3	20.00
454	40.9035	117.9360	-76.8	519	QYA	0	0	0	0	67	54.0	1728	54	65	128	1.204	0.508	0.422	15.3	20.00
455	40.9030	117.9360	-84.4	509	QYA	0	0	0	0	56	50.9	1762	28	98	120	3.500	0.817	0.233	15.3	20.00
456	40.9026	117.9361	-90.7	500	QYA	0	0	0	0	64	50.7	1682	31	100	127	3.226	0.787	0.244	15.3	20.00
457	40.9022	117.9361	-105.5	500	QYA	0	0	0	0	64	50.7	1770	28	94	145	3.357	0.648	0.193	15.2	20.00
458	40.9017	117.9361	-112.2	499	QYA	0	0	0	0	60	50.7	1689	30	126	127	4.200	0.992	0.236	15.2	20.00
459	40.9013	117.9361	-119.0	499	QYA	0	0	0	0	59	50.7	1722	47	83	113	1.766	0.735	0.416	15.2	20.00
460	40.9008	117.9362	-123.5	499	QYA	0	0	0	0	66	50.7	1829	32	132	109	4.125	1.211	0.294	15.2	20.00
461	40.9004	117.9362	-129.0	498	QYA	0	0	0	0	66	50.6	1769	43	111	74	2.581	1.500	0.581	15.2	20.00
462	40.8999	117.9362	-134.0	497	QYA	0	0	0	0	54	50.6	1818	49	90	135	1.837	0.667	0.363	15.1	20.00
463	40.8995	117.9362	-139.6	495	QYA	0	0	0	0	60	50.6	1920	25	127	160	5.080	0.794	0.156	15.1	20.00
464	40.8991	117.9363	-144.8	495	QYA	0	0	0	0	57	50.6	1810	57	92	144	1.614	0.639	0.396	15.1	20.00
465	40.8986	117.9363	-148.3	495	QYA	0	0	0	0	58	50.6	1990	52	105	189	2.019	0.556	0.275	15.2	20.00
466	40.8982	117.9363	-150.8	493	QYA	0	0	0	0	63	50.5	1985	34	122	145	3.588	0.841	0.234	15.2	20.00
467	40.8977	117.9364	-152.1	491	QYA	0	0	0	0	66	50.5	2037	71	106	188	1.493	0.564	0.378	15.2	20.00
468	40.8973	117.9364	-153.6	489	QYA	0	0	0	0	59	50.4	2141	42	162	168	3.857	0.964	0.250	15.2	20.00
469	40.8969	117.9364	-154.7	485	QYA	0	0	0	0	64	50.3	2250	35	210	179	6.000	1.173	0.196	15.2	20.00
470	40.8964	117.9364	-157.3	473	QYA	0	0	0	0	67	50.0	2067	65	120	147	1.846	0.816	0.442	15.1	20.00
471	40.8960	117.9365	-156.1	467	QYA	0	0	0	0	61	49.8	2141	78	49	231	0.628	0.212	0.338	15.1	20.00
472	40.8955	117.9365	-155.3	465	QYA	0	0	0	0	68	49.8	2220	52	139	178	2.673	0.781	0.292	15.1	20.00
473	40.8951	117.9365	-156.2	460	QYA	0	0	0	0	59	49.6	2166	53	157	158	2.962	0.994	0.335	15.1	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
474	40.8947	117.9365	-154.9	457	QYA	0	0	0	0	68	48.4	2152	46	134	186	2.913	0.720	0.247	15.1	20.00
475	40.8942	117.9366	-154.2	456	QYA	0	0	0	0	61	48.3	2163	56	78	251	1.393	0.311	0.223	15.1	20.00
476	40.8938	117.9366	-154.2	458	QYA	0	0	0	0	57	48.4	2237	43	161	220	3.744	0.732	0.195	15.0	20.00
477	40.8933	117.9366	-153.2	462	QYA	0	0	0	0	59	48.5	2092	58	116	178	2.000	0.652	0.326	15.0	20.00
478	40.8929	117.9366	-153.9	467	QYA	0	0	0	0	59	48.6	2165	39	99	227	2.538	0.436	0.172	15.0	20.00
479	40.8925	117.9367	-151.6	472	QYA	0	0	0	0	63	48.8	2234	55	160	208	2.909	0.769	0.264	14.9	20.00
480	40.8920	117.9367	-150.3	477	QYA	0	0	0	0	65	48.9	2254	42	129	204	3.071	0.632	0.206	14.9	20.00
481	40.8916	117.9367	-149.8	482	QYA	0	0	0	0	55	49.0	2175	47	145	171	3.085	0.848	0.275	14.9	20.00
482	40.8911	117.9367	-147.7	485	QYA	0	0	0	0	66	49.1	2126	51	178	127	3.490	1.402	0.402	14.9	20.00
483	40.8907	117.9368	-147.5	487	QYA	0	0	0	0	66	49.1	2343	50	123	201	2.460	0.612	0.249	14.9	20.00
484	40.8903	117.9368	-146.5	486	QYA	0	0	0	0	67	49.1	2232	47	195	171	4.149	1.140	0.275	14.8	20.00
485	40.8898	117.9368	-145.2	488	QYA	0	0	0	0	63	49.1	2275	73	67	199	0.918	0.337	0.367	14.8	20.00
486	40.8894	117.9369	-146.5	488	QYA	0	0	0	0	66	49.1	2277	44	85	249	1.932	0.341	0.177	14.8	20.00
487	40.8889	117.9369	-145.8	487	QYA	0	0	0	0	62	49.1	2197	57	57	237	1.000	0.241	0.241	14.8	20.00
488	40.8885	117.9369	-144.0	487	QYA	0	0	0	0	69	49.1	2170	50	144	208	2.880	0.692	0.240	14.8	20.00
489	40.8880	117.9369	-145.5	488	QYA	0	0	0	0	62	49.2	2236	69	118	153	1.710	0.771	0.451	14.7	20.00
490	40.8876	117.9369	-145.8	489	QYA	0	0	0	0	65	49.2	2268	51	129	182	2.529	0.709	0.280	14.7	20.00
491	40.8872	117.9370	-146.8	486	QYA	0	0	0	0	60	49.1	2139	50	134	211	2.680	0.635	0.237	14.7	20.00
492	40.8867	117.9370	-147.8	487	QYA	0	0	0	0	47	49.1	2226	62	98	236	1.581	0.415	0.263	14.7	20.00
493	40.8863	117.9370	-148.1	483	QYA	0	0	0	0	68	48.3	2119	58	47	212	0.810	0.222	0.274	14.7	20.00
494	40.8858	117.9371	-149.1	480	QYA	0	0	0	0	64	48.3	2220	65	144	157	2.215	0.917	0.414	14.7	20.00
495	40.8854	117.9371	-149.7	468	QYA	0	0	0	0	67	48.0	2235	43	129	211	3.000	0.611	0.204	14.7	20.00
496	40.8850	117.9371	-149.9	451	QYA	0	0	0	0	65	47.5	2102	62	76	195	1.226	0.390	0.318	14.7	20.00
497	40.8845	117.9371	-149.5	436	QYA	0	0	0	0	58	47.1	2184	36	184	185	5.111	0.995	0.195	14.6	20.00
498	40.8841	117.9372	-149.1	424	QYA	0	0	0	0	64	46.8	2162	41	150	217	3.659	0.691	0.189	14.6	20.00
499	40.8836	117.9372	-148.4	415	QYA	0	0	0	0	58	46.6	2150	48	198	172	4.125	1.151	0.279	14.6	20.00
500	40.8832	117.9372	-148.5	409	QYA	0	0	0	0	72	46.4	2285	38	160	212	4.211	0.755	0.179	14.6	20.00
501	40.8828	117.9372	-148.0	402	QYA	0	0	0	0	66	46.2	2214	50	122	192	2.440	0.635	0.260	14.6	20.00
502	40.8823	117.9373	-147.8	397	QYA	0	0	0	0	64	46.1	2181	66	80	232	1.212	0.345	0.284	14.5	20.00
503	40.8819	117.9373	-148.9	392	QYA	0	0	0	0	75	46.0	2234	49	148	211	3.020	0.701	0.232	14.5	20.00
504	40.8814	117.9373	-147.9	392	QYA	0	0	0	0	68	46.0	2169	51	120	246	2.353	0.488	0.207	14.5	20.00
505	40.8810	117.9373	-148.2	390	QYA	0	0	0	0	64	45.9	2206	64	132	195	2.063	0.677	0.328	14.5	20.00
506	40.8806	117.9374	-148.2	393	QYA	0	0	0	0	73	46.0	2235	67	110	218	1.642	0.505	0.307	14.5	20.00
507	40.8801	117.9374	-146.4	393	QYA	0	0	0	0	69	46.0	2155	62	159	156	2.565	1.019	0.397	14.5	20.00
508	40.8797	117.9374	-145.4	391	QYA	0	0	0	0	57	45.9	2209	48	123	235	2.563	0.523	0.204	14.5	20.00
509	40.8792	117.9374	-144.2	388	QYA	0	0	0	0	57	45.9	2161	62	131	172	2.113	0.762	0.360	14.5	20.00
510	40.8788	117.9375	-144.0	382	QYA	0	0	0	0	61	45.7	2185	72	68	186	0.944	0.366	0.387	14.4	20.00
511	40.8783	117.9375	-142.6	378	QYA	0	0	0	0	57	45.6	2265	77	133	180	1.727	0.739	0.428	14.4	20.00
512	40.8779	117.9375	-141.1	374	QYA	0	0	0	0	61	37.7	2223	53	190	153	3.585	1.242	0.346	14.4	20.00
513	40.8775	117.9375	-138.9	373	QYA	0	0	0	0	59	37.6	2130	49	130	195	2.708	0.674	0.249	14.3	20.00
514	40.8770	117.9376	-137.1	371	QYA	0	0	0	0	64	37.6	2131	78	67	229	0.859	0.293	0.341	14.3	20.00
515	40.8766	117.9376	-136.6	371	QYA	0	0	0	0	67	37.6	2147	56	144	172	2.571	0.837	0.326	14.2	20.00
516	40.8761	117.9376	-135.9	371	QYA	0	0	0	0	62	37.6	2100	62	131	184	2.113	0.712	0.337	14.2	20.00
517	40.8757	117.9376	-133.7	369	QYA	0	0	0	0	64	37.5	2113	72	188	145	2.611	1.297	0.497	14.1	20.00
518	40.8753	117.9377	-132.9	372	QYA	0	0	0	0	59	37.6	2057	61	80	216	1.311	0.370	0.282	14.1	20.00
519	40.8748	117.9377	-131.4	374	QYA	0	0	0	0	66	37.7	1957	52	157	166	3.019	0.946	0.313	14.1	20.00
520	40.8744	117.9377	-129.6	379	QYA	0	0	0	0	60	37.8	1986	50	141	231	2.820	0.610	0.216	14.0	20.00
521	40.8739	117.9377	-128.8	382	QYA	0	0	0	0	75	37.8	1920	57	116	156	2.035	0.744	0.365	14.1	20.00
522	40.8735	117.9378	-130.5	387	QYA	0	0	0	0	66	38.0	2024	43	168	154	3.907	1.091	0.279	14.1	20.00
523	40.8731	117.9378	-129.5	392	QYA	0	0	0	0	65	38.1	2035	50	127	218	2.540	0.583	0.229	14.1	20.00
524	40.8726	117.9378	-130.0	390	QYA	0	0	0	0	66	38.0	2061	46	176	184	3.826	0.957	0.250	14.1	20.00
525	40.8722	117.9379	-131.1	386	QYA	0	0	0	0	62	37.9	1959	57	63	222	1.105	0.284	0.257	14.1	20.00
526	40.8717	117.9379	-131.1	381	QYA	0	0	0	0	58	37.8	1909	49	132	201	2.694	0.657	0.244	14.1	20.00
527	40.8713	117.9379	-131.9	382	QYA	0	0	0	0	60	37.8	1991	45	114	217	2.533	0.525	0.207	14.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
528	40.8709	117.9379	-132.9	384	QYA	0	0	0	0	56	37.9	1973	52	126	181	2.423	0.696	0.287	14.2	20.00
529	40.8705	117.9379	-135.7	381	QYA	0	0	0	0	66	37.8	1827	42	150	161	3.571	0.932	0.261	14.2	20.00
530	40.8702	117.9379	-138.8	380	QYA	0	0	0	0	63	37.8	1885	46	89	182	1.935	0.489	0.253	14.2	20.00
531	40.8699	117.9379	-141.4	381	QYA	0	0	0	0	54	37.8	1870	67	101	145	1.507	0.697	0.462	14.2	20.00
532	40.8696	117.9379	-143.9	384	QOA1	0	0	0	0	57	37.8	1894	45	143	160	3.178	0.894	0.281	14.2	20.00
533	40.8693	117.9378	-149.3	384	QOA1	0	0	0	0	69	37.8	1852	28	114	186	4.071	0.613	0.151	14.3	20.00
534	40.8690	117.9378	-153.2	377	QOA1	0	0	0	0	65	37.6	1747	39	132	148	3.385	0.892	0.264	14.3	20.00
535	40.8686	117.9378	-155.8	371	QOA1	0	0	0	0	55	37.5	1740	36	147	125	4.083	1.176	0.288	14.3	20.00
536	40.8683	117.9378	-162.6	373	QOA1	0	0	0	0	63	37.6	1636	31	126	128	4.065	0.984	0.242	14.3	20.00
537	40.8680	117.9378	-164.7	373	QOA1	0	0	0	0	59	37.6	1707	44	69	175	1.568	0.394	0.251	14.4	20.00
538	40.8677	117.9377	-166.2	377	QOA1	0	0	0	0	64	37.7	1768	53	94	171	1.774	0.550	0.310	14.4	20.00
539	40.8674	117.9377	-168.4	368	QOA1	0	0	0	0	60	37.4	1761	54	49	205	0.907	0.239	0.263	14.3	20.00
540	40.8671	117.9377	-169.8	363	QOA1	0	0	0	0	67	37.3	1765	43	108	151	2.512	0.715	0.285	14.4	20.00
541	40.8667	117.9377	-170.6	368	QOA1	0	0	0	0	58	37.4	1894	54	52	202	0.963	0.257	0.267	14.4	20.00
542	40.8664	117.9377	-172.1	371	QOA1	0	0	0	0	56	37.5	1964	58	87	202	1.500	0.431	0.287	14.3	20.00
543	40.8661	117.9377	-173.5	373	QOA1	0	0	0	0	65	37.6	2073	63	142	192	2.254	0.740	0.328	14.3	20.00
544	40.8658	117.9376	-172.7	378	QOA1	0	0	0	0	63	37.7	2135	61	109	216	1.787	0.505	0.282	14.3	20.00
545	40.8655	117.9376	-173.6	381	JTRU	0	0	0	0	55	37.7	2198	73	90	177	1.233	0.508	0.412	14.3	20.00
546	40.8652	117.9376	-173.4	377	JTRU	0	0	0	0	58	37.7	2132	51	175	156	3.431	1.122	0.327	14.3	20.00
547	40.8648	117.9376	-172.5	377	JTRU	0	0	0	0	56	37.6	1943	58	61	204	1.052	0.299	0.284	14.3	20.00
548	40.8645	117.9376	-172.8	380	JTRU	0	0	0	0	67	37.7	2181	54	129	194	2.389	0.665	0.278	14.3	20.00
549	40.8642	117.9375	-171.9	380	JTRU	0	0	0	0	66	37.7	2061	42	194	172	4.619	1.128	0.244	14.3	20.00
550	40.8639	117.9375	-173.0	382	JTRU	0	0	0	0	65	35.4	2077	54	46	228	0.852	0.202	0.237	14.4	20.00
551	40.8636	117.9375	-173.5	379	JTRU	0	0	0	0	67	35.3	2112	41	134	229	3.268	0.585	0.179	14.4	20.00
552	40.8633	117.9375	-173.9	378	JTRU	0	0	0	0	75	35.3	1969	36	143	213	3.972	0.671	0.169	14.4	20.00
553	40.8629	117.9375	-174.7	380	JTRU	0	0	0	0	62	35.3	2112	60	110	214	1.833	0.514	0.280	14.4	20.00
554	40.8626	117.9375	-174.0	381	JTRU	0	0	0	0	56	35.4	1996	63	119	160	1.889	0.744	0.394	14.4	20.00
555	40.8623	117.9374	-173.1	384	JTRU	0	0	0	0	62	35.4	2075	42	145	205	3.452	0.707	0.205	14.4	20.00
556	40.8620	117.9374	-172.9	391	JTRU	0	0	0	0	63	35.6	2105	51	190	138	3.725	1.377	0.370	14.4	20.00
557	40.8617	117.9374	-173.2	395	JTRU	0	0	0	0	70	35.7	2150	60	150	178	2.500	0.843	0.337	14.4	20.00
558	40.8614	117.9374	-171.2	398	JTRU	0	0	0	0	64	35.7	2083	57	94	184	1.649	0.511	0.310	14.3	20.00
559	40.8610	117.9374	-171.1	397	JTRU	0	0	0	0	68	35.7	2287	71	199	159	2.803	1.252	0.447	14.3	20.00
560	40.8607	117.9373	-170.4	396	JTRU	0	0	0	0	65	35.7	2072	60	75	205	1.250	0.366	0.293	14.3	20.00
561	40.8604	117.9373	-171.0	398	JTRU	0	0	0	0	67	35.7	2198	69	123	206	1.783	0.597	0.335	14.3	20.00
562	40.8601	117.9373	-170.8	400	JTRU	0	0	0	0	63	35.8	2134	48	117	213	2.438	0.549	0.225	14.3	20.00
563	40.8598	117.9373	-171.2	397	JTRU	0	0	0	0	59	35.7	2135	60	94	218	1.567	0.431	0.275	14.3	20.00
564	40.8595	117.9373	-171.5	400	JTRU	0	0	0	0	64	35.8	2121	53	158	190	2.981	0.832	0.279	14.4	20.00
565	40.8591	117.9373	-171.3	403	TRM	0	0	0	0	65	35.8	2064	63	199	128	3.159	1.555	0.492	14.4	20.00
566	40.8588	117.9372	-170.8	406	TRM	0	0	0	0	62	35.9	2238	54	157	176	2.907	0.892	0.307	14.4	20.00
567	40.8585	117.9372	-170.9	406	TRM	0	0	0	0	60	35.9	2098	59	159	150	2.695	1.060	0.393	14.4	20.00
568	40.8582	117.9372	-171.2	408	TRM	0	0	0	0	58	35.9	2096	61	117	176	1.918	0.665	0.347	14.3	20.00
569	40.8579	117.9372	-172.8	404	TRM	0	0	0	0	72	39.5	2103	54	147	169	2.722	0.870	0.320	14.4	20.00
570	40.8576	117.9372	-173.4	403	TRM	0	0	0	0	69	39.5	1996	65	62	225	0.954	0.276	0.289	14.4	20.00
571	40.8572	117.9371	-177.1	399	TRM	0	0	0	0	61	39.4	2087	68	69	202	1.015	0.342	0.337	14.4	20.00
572	40.8569	117.9371	-181.2	387	TRM	0	0	0	0	63	39.1	1986	74	120	119	1.622	1.008	0.622	14.4	20.00
573	40.8566	117.9371	-183.7	371	TRM	0	0	0	0	60	38.7	1927	64	93	149	1.453	0.624	0.430	14.4	20.00
574	40.8563	117.9371	-188.4	359	TRM	0	0	0	0	64	38.4	2035	49	152	124	3.102	1.226	0.395	14.3	20.00
575	40.8560	117.9371	-192.3	342	TRM	0	0	0	0	67	38.0	1868	59	95	107	1.610	0.888	0.551	14.3	20.00
576	40.8557	117.9371	-197.2	315	TRM	0	0	0	0	60	37.4	1734	43	130	137	3.023	0.949	0.314	14.3	20.00
577	40.8553	117.9370	-200.9	292	TRM	0	0	0	0	61	36.8	1836	53	105	148	1.981	0.709	0.358	14.3	20.00
578	40.8550	117.9370	-206.9	271	TRGV2	0	0	0	0	68	36.2	1701	33	79	153	2.394	0.516	0.216	14.2	20.00
579	40.8547	117.9370	-210.8	273	TRGV2	0	0	0	0	65	36.3	1663	65	77	131	1.185	0.588	0.496	14.2	20.00
580	40.8544	117.9370	-216.1	304	TRGV2	0	0	0	0	65	37.1	1727	42	82	158	1.952	0.519	0.266	14.2	20.00
581	40.8541	117.9370	-221.1	346	TRGV2	0	0	0	0	65	38.1	1816	35	74	155	2.114	0.477	0.226	14.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
582	40.8538	117.9369	-226.5	395	TRGV2	0	0	0	0	70	39.3	2038	57	60	198	1.053	0.303	0.288	14.2	20.00
583	40.8534	117.9369	-237.5	436	TRGV2	0	0	0	0	69	40.2	2126	52	98	166	1.885	0.590	0.313	14.2	20.00
584	40.8531	117.9369	-242.7	446	TRGV2	0	0	0	0	59	40.4	2108	56	78	221	1.393	0.353	0.253	14.1	20.00
585	40.8528	117.9369	-246.1	445	TRGV2	0	0	0	0	72	40.4	2214	67	108	147	1.612	0.735	0.456	14.2	20.00
586	40.8525	117.9369	-249.8	426	TRGV2	0	0	0	0	62	40.0	2139	58	60	193	1.034	0.311	0.301	14.1	20.00
587	40.8522	117.9369	-251.1	399	TRGV2	0	0	0	0	67	39.4	2139	65	129	186	1.985	0.694	0.349	14.1	20.00
588	40.8519	117.9368	-248.9	374	TRGV2	0	0	0	0	72	43.4	1907	60	81	155	1.350	0.523	0.387	14.1	20.00
589	40.8515	117.9368	-240.1	358	TRGV2	0	0	0	0	63	43.0	1951	47	145	184	3.085	0.788	0.255	14.1	20.00
590	40.8512	117.9368	-223.9	333	TRGV2	0	0	0	0	60	42.3	1958	54	89	162	1.648	0.549	0.333	14.1	20.00
591	40.8509	117.9368	-198.7	310	TRGV2	0	0	0	0	67	41.7	1811	60	61	159	1.017	0.384	0.377	14.1	20.00
592	40.8506	117.9368	-167.4	293	TRGV2	0	0	0	0	66	41.2	1817	33	147	162	4.455	0.907	0.204	14.0	20.00
593	40.8503	117.9367	-131.8	289	TRGV2	0	0	0	0	73	41.1	1771	56	64	142	1.143	0.451	0.394	14.0	20.00
594	40.8500	117.9367	-95.8	291	TRGV2	0	0	0	0	70	41.1	1640	48	62	160	1.292	0.387	0.300	14.1	20.00
595	40.8496	117.9367	-66.9	323	TRGV2	0	0	0	0	67	42.0	1692	61	55	160	0.902	0.344	0.381	14.1	20.00
596	40.8493	117.9367	-32.4	363	TRGV2	0	0	0	0	54	43.1	1781	56	128	124	2.286	1.032	0.452	14.1	20.00
597	40.8490	117.9367	-25.1	387	TRGV2	0	0	0	0	68	43.8	1851	54	88	140	1.630	0.629	0.386	14.1	20.00
598	40.8487	117.9366	-19.7	380	TRGV2	0	0	0	0	63	43.6	1879	56	35	183	0.625	0.191	0.306	14.1	20.00
599	40.8484	117.9366	-12.1	374	TRGV2	0	0	0	0	62	43.4	1941	44	129	124	2.932	1.040	0.355	14.1	20.00
600	40.8481	117.9366	-4.5	392	TRGV2	0	0	0	0	78	43.9	1847	32	179	104	5.594	1.721	0.308	14.1	20.00
601	40.8478	117.9366	3.2	425	TRGV2	0	0	0	0	66	44.7	1884	48	121	136	2.521	0.890	0.353	14.1	20.00
602	40.8474	117.9366	7.8	453	TRGV2	0	0	0	0	60	45.4	1935	41	96	151	2.000	0.636	0.318	14.1	20.00
603	40.8471	117.9366	10.2	478	TRGV2	0	0	0	0	63	46.1	2063	62	116	191	1.871	0.607	0.325	14.1	20.00
604	40.8468	117.9365	11.7	488	TRGV2	0	0	0	0	63	46.3	2060	42	190	130	4.524	1.462	0.323	14.0	20.00
605	40.8465	117.9365	8.6	489	TRGV2	0	0	0	0	66	46.3	2117	45	109	195	2.422	0.559	0.231	14.1	20.00
606	40.8462	117.9365	5.1	491	TRGV2	0	0	0	0	65	46.3	1994	53	136	113	2.566	1.204	0.469	14.1	20.00
607	40.8459	117.9365	-1.4	481	TRGV2	0	0	0	0	61	48.2	2058	59	135	144	2.288	0.938	0.410	14.0	20.00
608	40.8455	117.9365	-7.1	463	TRGV2	0	0	0	0	74	47.7	2084	40	83	212	2.075	0.392	0.189	14.0	20.00
609	40.8452	117.9364	-15.5	449	TRGV2	0	0	0	0	54	47.4	2108	56	85	183	1.518	0.464	0.306	14.0	20.00
610	40.8449	117.9364	-20.3	430	TRGV2	0	0	0	0	69	46.9	2004	46	115	153	2.500	0.752	0.301	14.0	20.00
611	40.8446	117.9364	-23.1	426	TRGV2	0	0	0	0	60	46.8	2035	62	53	184	0.855	0.288	0.337	14.0	20.00
612	40.8443	117.9364	-25.6	437	TRGV2	0	0	0	0	70	47.1	2087	40	180	137	4.500	1.314	0.292	14.0	20.00
613	40.8440	117.9364	-26.8	456	TRGV2	0	0	0	0	69	47.6	2160	58	85	217	1.466	0.392	0.267	14.0	20.00
614	40.8436	117.9364	-28.1	465	TRGV2	0	0	0	0	62	47.8	2145	49	150	145	3.061	1.034	0.338	13.9	20.00
615	40.8433	117.9363	-24.2	457	TRGV2	0	0	0	0	65	47.6	2160	46	150	187	3.261	0.802	0.246	13.9	20.00
616	40.8430	117.9363	-21.1	450	TRGV2	0	0	1	0	76	47.4	2003	68	27	191	0.397	0.141	0.356	13.9	20.00
617	40.8427	117.9363	-16.0	447	TRGV2	0	0	0	0	78	47.3	2009	47	177	133	3.766	1.331	0.353	13.9	20.00
618	40.8424	117.9363	-7.2	457	TRGV2	0	0	0	0	67	47.6	2053	41	168	164	4.098	1.024	0.250	13.9	20.00
619	40.8421	117.9363	3.3	471	TRGV2	0	0	0	0	60	48.0	2204	53	127	196	2.396	0.648	0.270	13.9	20.00
620	40.8417	117.9362	16.5	478	TRGV2	0	0	0	0	69	48.1	2224	50	133	201	2.660	0.662	0.249	13.9	20.00
621	40.8414	117.9362	42.7	471	TRGV2	0	0	0	0	77	48.0	2174	56	122	200	2.179	0.610	0.280	13.9	20.00
622	40.8411	117.9362	56.5	457	TRGV2	0	0	0	0	76	47.6	2062	53	92	174	1.736	0.529	0.305	13.9	20.00
623	40.8408	117.9362	72.8	445	TRGV2	0	0	0	0	61	47.3	2107	61	114	222	1.869	0.514	0.275	14.0	20.00
624	40.8405	117.9362	87.8	428	TRGV2	0	0	0	0	64	46.8	1922	49	65	176	1.327	0.369	0.278	14.0	20.00
625	40.8402	117.9362	101.6	410	TRGV2	0	0	0	0	72	46.4	2064	61	47	205	0.770	0.229	0.298	14.0	20.00
626	40.8398	117.9361	114.7	400	TRGV2	0	0	0	0	65	52.3	2069	49	112	154	2.286	0.727	0.318	14.0	20.00
627	40.8395	117.9361	126.3	398	TRGV2	0	0	0	0	64	52.2	1974	42	152	137	3.619	1.109	0.307	14.0	20.00
628	40.8392	117.9361	136.3	409	TRGV2	0	0	0	0	59	52.5	1998	55	77	222	1.400	0.347	0.248	14.0	20.00
629	40.8389	117.9361	145.7	438	TRGV2	0	0	0	0	66	53.4	2116	49	127	193	2.592	0.658	0.254	14.0	20.00
630	40.8386	117.9361	155.4	473	TRGV2	0	0	0	0	67	54.4	2103	55	105	214	1.909	0.491	0.257	14.0	20.00
631	40.8383	117.9360	162.7	487	TRGV2	0	0	0	0	74	54.8	2163	44	154	137	3.500	1.124	0.321	14.1	20.00
632	40.8379	117.9360	169.4	487	TRGV2	0	0	0	0	62	54.8	2205	45	136	194	3.022	0.701	0.232	14.1	20.00
633	40.8376	117.9360	176.4	466	TRGV2	0	0	0	0	73	54.2	2216	51	71	207	1.392	0.343	0.246	14.1	20.00
634	40.8373	117.9360	165.7	453	TRGV2	0	0	0	0	69	53.9	2079	44	128	158	2.909	0.810	0.278	14.0	20.00
635	40.8370	117.9360	146.4	459	TRGV2	0	0	0	0	67	54.0	2258	53	151	148	2.849	1.020	0.358	14.0	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
636	40.8367	117.9360	124.5	455	TRGV2	0	0	0	0	65	53.9	2177	46	103	204	2.239	0.505	0.225	14.0	20.00
637	40.8364	117.9359	105.0	434	TRGV2	0	0	0	0	67	53.3	2124	42	114	193	2.714	0.591	0.218	14.0	20.00
638	40.8360	117.9359	92.0	413	TRGV2	0	0	0	0	66	52.7	2058	50	75	188	1.500	0.399	0.266	13.9	20.00
639	40.8357	117.9359	88.0	392	TRGV2	0	0	0	0	67	52.0	2095	44	102	194	2.318	0.526	0.227	13.9	20.00
640	40.8354	117.9359	92.2	369	TRGV2	0	0	0	0	70	51.3	2040	48	68	204	1.417	0.333	0.235	13.8	20.00
641	40.8351	117.9359	109.0	349	TRGV2	0	0	0	0	71	50.7	1896	42	118	135	2.810	0.874	0.311	13.8	20.00
642	40.8348	117.9358	132.2	321	TRGV2	0	0	0	0	62	49.7	1864	55	108	143	1.964	0.755	0.385	13.8	20.00
643	40.8345	117.9358	154.2	303	TRGV2	0	0	0	0	76	49.1	1820	48	119	127	2.479	0.937	0.378	13.8	20.00
644	40.8341	117.9358	159.3	296	TRGV2	0	0	0	0	76	48.9	1851	55	99	132	1.800	0.750	0.417	13.8	20.00
645	40.8338	117.9358	149.4	283	TRGV2	0	0	0	0	72	47.8	1677	65	63	129	0.969	0.488	0.504	13.7	20.00
646	40.8335	117.9358	104.7	276	TRGV2	0	0	0	0	64	47.5	1643	45	50	143	1.111	0.350	0.315	13.7	20.00
647	40.8332	117.9358	85.2	282	TRGV2	0	0	0	0	70	47.8	1719	63	96	119	1.524	0.807	0.529	13.7	20.00
648	40.8329	117.9357	73.8	307	TRGV2	0	0	0	0	75	48.6	1674	26	118	101	4.538	1.168	0.257	13.6	20.00
649	40.8326	117.9357	70.1	352	TRGV2	0	0	0	0	74	50.1	1682	51	71	118	1.392	0.602	0.432	13.6	20.00
650	40.8322	117.9357	70.2	409	TRGV2	0	0	1	0	67	51.8	1770	64	-2	147	-0.031	-0.014	0.435	13.6	20.00
651	40.8319	117.9357	70.8	462	TRGV2	0	0	0	0	63	53.4	2018	48	131	129	2.729	1.016	0.372	13.5	20.00
652	40.8316	117.9357	70.7	488	TRGV2	0	0	1	0	73	54.1	2006	65	18	155	0.277	0.116	0.419	13.4	20.00
653	40.8313	117.9356	65.7	490	TRGV2	0	0	0	0	64	54.2	1804	35	67	168	1.914	0.399	0.208	13.4	20.00
654	40.8310	117.9356	61.1	497	TRGV2	0	0	0	0	61	54.3	1810	34	201	84	5.912	2.393	0.405	13.4	20.00
655	40.8307	117.9356	58.0	494	TRGV2	0	0	0	0	71	54.3	2037	62	58	137	0.935	0.423	0.453	13.4	20.00
656	40.8303	117.9356	55.2	492	TRGV2	0	0	0	0	69	54.2	1917	64	125	105	1.953	1.190	0.610	13.3	20.00
657	40.8300	117.9355	55.0	487	TRGV2	0	0	0	0	68	54.1	1936	67	54	151	0.806	0.358	0.444	13.4	20.00
658	40.8297	117.9356	56.5	491	TRGV2	0	0	0	0	65	54.2	1922	45	108	144	2.400	0.750	0.313	13.4	20.00
659	40.8294	117.9355	62.2	491	TRGV2	0	0	0	0	66	54.2	1881	36	101	124	2.806	0.815	0.290	13.4	20.00
660	40.8291	117.9355	62.6	494	TRGV2	0	0	0	0	76	54.3	1997	51	31	192	0.608	0.161	0.266	13.4	20.00
661	40.8288	117.9355	61.5	496	TRGV2	0	0	0	0	74	54.3	2041	51	93	129	1.824	0.721	0.395	13.3	20.00
662	40.8284	117.9355	58.2	498	TRGV2	0	0	0	0	76	54.4	2099	62	95	131	1.532	0.725	0.473	13.3	20.00
663	40.8281	117.9355	55.4	497	TRGV2	0	0	0	0	66	54.4	1988	64	105	96	1.641	1.094	0.667	13.3	20.00
664	40.8278	117.9354	54.3	495	TRGV2	0	0	0	0	79	47.5	1907	39	97	174	2.487	0.557	0.224	13.2	20.00
665	40.8275	117.9354	53.2	496	TRGV2	0	0	0	0	66	47.5	1910	39	100	155	2.564	0.645	0.252	13.3	20.00
666	40.8272	117.9354	51.1	494	TRGV2	0	0	0	0	69	47.5	2011	55	98	177	1.782	0.554	0.311	13.2	20.00
667	40.8269	117.9354	51.0	493	TRGV2	0	0	0	0	65	47.4	2043	57	126	122	2.211	1.033	0.467	13.2	20.00
668	40.8265	117.9354	50.7	494	TRGV2	0	0	0	0	74	47.5	2163	37	171	140	4.622	1.221	0.264	13.2	20.00
669	40.8262	117.9354	49.3	490	TRGV2	0	0	0	0	73	47.4	1940	39	179	114	4.590	1.570	0.342	13.1	20.00
670	40.8259	117.9353	48.0	491	TRGV2	0	0	0	0	69	47.4	2044	45	133	130	2.956	1.023	0.346	13.1	20.00
671	40.8256	117.9353	44.2	489	TRGV2	0	0	0	0	68	47.4	2120	58	105	132	1.810	0.795	0.439	13.1	20.00
672	40.8253	117.9353	30.8	486	TRGV2	0	0	0	0	67	47.3	2099	54	93	166	1.722	0.560	0.325	13.1	20.00
673	40.8250	117.9353	22.2	485	TRGV2	0	0	0	0	69	47.2	2177	74	54	168	0.730	0.321	0.440	13.1	20.00
674	40.8246	117.9353	14.5	474	TRGV2	0	0	0	0	69	47.0	2227	56	72	210	1.286	0.343	0.267	13.1	20.00
675	40.8243	117.9352	10.8	451	TRGV2	0	0	0	0	76	46.4	2120	70	107	154	1.529	0.695	0.455	13.0	20.00
676	40.8240	117.9352	9.5	427	TRGV2	0	0	0	0	67	45.8	1983	61	126	126	2.066	1.000	0.484	13.0	20.00
677	40.8237	117.9352	14.2	409	TRGV2	0	0	0	0	73	45.3	2043	62	98	152	1.581	0.645	0.408	13.0	20.00
678	40.8234	117.9352	21.0	383	TRGV2	0	0	0	0	63	44.6	2134	37	133	184	3.595	0.723	0.201	13.0	20.00
679	40.8231	117.9352	28.7	361	TRGV2	0	0	0	0	68	44.0	1939	50	109	153	2.180	0.712	0.327	13.0	20.00
680	40.8227	117.9352	37.7	335	TRGV2	0	0	0	0	73	43.3	1938	51	100	183	1.961	0.546	0.279	13.0	20.00
681	40.8224	117.9351	47.8	301	TRGV2	0	0	0	0	78	42.3	1940	45	98	170	2.178	0.576	0.265	13.0	20.00
682	40.8221	117.9351	58.8	284	TRGV2	0	0	0	0	75	41.8	1875	69	65	159	0.942	0.409	0.434	12.9	20.00
683	40.8218	117.9351	70.2	284	TRGV2	0	0	0	0	78	35.5	1821	37	174	115	4.703	1.513	0.322	12.9	20.00
684	40.8215	117.9351	82.0	296	TRGV2	0	0	0	0	80	35.8	1774	54	28	198	0.519	0.141	0.273	12.9	20.00
685	40.8212	117.9351	74.4	319	TRGV2	0	0	0	0	65	36.3	1939	52	73	174	1.404	0.420	0.299	12.9	20.00
686	40.8208	117.9350	66.9	339	TRGV2	0	0	0	0	79	36.8	1920	54	96	139	1.778	0.691	0.388	12.9	20.00
687	40.8205	117.9350	60.0	359	TRGV2	0	0	0	0	72	37.3	1912	41	143	158	3.488	0.905	0.259	12.9	20.00
688	40.8202	117.9350	52.1	380	TRGV2	0	0	0	0	78	37.8	1918	76	29	178	0.382	0.163	0.427	12.9	20.00
689	40.8199	117.9350	43.8	412	TRGV2	0	0	0	0	71	38.5	1885	67	46	166	0.687	0.277	0.404	12.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
690	40.8196	117.9350	36.3	448	TRGV2	0	0	0	0	65	39.3	1964	57	122	168	2.140	0.726	0.339	12.9	20.00
691	40.8193	117.9350	27.0	480	TRGV2	0	0	0	0	69	40.0	1954	57	112	157	1.965	0.713	0.363	12.9	20.00
692	40.8189	117.9349	16.7	488	TRGV2	0	0	0	0	75	40.1	1897	40	69	172	1.725	0.401	0.233	12.9	20.00
693	40.8186	117.9349	6.9	489	TRGV2	0	0	0	0	65	40.2	1939	58	111	139	1.914	0.799	0.417	12.9	20.00
694	40.8183	117.9349	-2.7	494	TRGV2	0	0	0	0	75	40.3	1971	50	162	135	3.240	1.200	0.370	12.9	20.00
695	40.8180	117.9349	-12.0	495	TRGV2	0	0	0	0	77	40.3	1874	45	132	125	2.933	1.056	0.360	12.9	20.00
696	40.8177	117.9349	-19.3	498	TRGV2	0	0	0	0	68	40.3	1896	58	101	141	1.741	0.716	0.411	12.9	20.00
697	40.8174	117.9348	-39.6	499	TRGV2	0	0	0	0	79	40.4	1976	46	97	151	2.109	0.642	0.305	13.0	20.00
698	40.8170	117.9348	-51.0	504	TRGV2	0	0	0	0	67	40.5	1879	54	102	108	1.889	0.944	0.500	12.9	20.00
699	40.8167	117.9348	-62.1	529	TRGV2	0	0	0	0	73	40.9	2090	27	228	124	8.444	1.839	0.218	13.0	20.00
700	40.8164	117.9348	-73.0	545	TRRA	0	0	0	0	67	41.3	2091	45	128	143	2.844	0.895	0.315	12.9	20.00
701	40.8161	117.9348	-81.2	557	TRRA	0	0	0	0	80	41.5	2100	63	74	163	1.175	0.454	0.387	12.9	20.00
702	40.8158	117.9348	-89.3	563	TRRA	0	0	0	0	71	40.5	2015	66	45	168	0.682	0.268	0.393	13.0	20.00
703	40.8155	117.9347	-94.4	562	TRRA	0	0	0	0	74	40.4	2078	57	47	199	0.825	0.236	0.286	13.0	20.00
704	40.8152	117.9347	-100.3	555	TRRA	0	0	0	0	72	40.3	2071	59	127	93	2.153	1.366	0.634	13.0	20.00
705	40.8148	117.9347	-105.7	541	TRRA	0	0	0	0	70	40.1	2036	52	71	169	1.365	0.420	0.308	13.0	20.00
706	40.8145	117.9347	-110.6	536	TRRA	0	0	0	0	75	40.0	2163	32	200	101	6.250	1.980	0.317	13.0	20.00
707	40.8142	117.9347	-118.2	506	TRRA	0	0	0	0	74	39.4	2155	58	76	163	1.310	0.466	0.356	13.0	20.00
708	40.8139	117.9346	-124.4	491	TRRA	0	0	0	0	73	39.1	2241	53	107	177	2.019	0.605	0.299	12.9	20.00
709	40.8136	117.9346	-129.4	471	TRRA	0	0	0	0	69	38.7	2055	58	143	134	2.466	1.067	0.433	12.9	20.00
710	40.8133	117.9346	-133.0	437	TRRA	0	0	0	0	67	38.0	2054	52	130	175	2.500	0.743	0.297	13.0	20.00
711	40.8129	117.9346	-132.3	406	TRRA	0	0	0	0	79	37.3	1977	44	91	194	2.068	0.469	0.227	13.0	20.00
712	40.8126	117.9346	-131.7	374	TRRA	0	0	0	0	70	36.6	1970	53	146	129	2.755	1.132	0.411	13.0	20.00
713	40.8123	117.9345	-130.3	344	TRRA	0	0	0	0	73	35.9	1970	49	189	135	3.857	1.400	0.363	13.0	20.00
714	40.8120	117.9345	-130.8	317	TRRA	0	0	0	0	75	35.3	1894	56	88	159	1.571	0.553	0.352	13.0	20.00
715	40.8117	117.9345	-127.6	288	TRRA	0	0	0	0	71	34.6	1773	46	133	127	2.891	1.047	0.362	13.0	20.00
716	40.8114	117.9345	-125.4	259	TRRA	0	0	0	0	83	33.9	1689	52	90	124	1.731	0.726	0.419	13.0	20.00
717	40.8110	117.9345	-119.0	237	TRRA	0	0	0	0	73	33.3	1712	47	140	105	2.979	1.333	0.448	13.0	20.00
718	40.8107	117.9345	-111.3	236	TRRA	0	0	0	0	69	33.3	1684	47	114	156	2.426	0.731	0.301	13.0	20.00
719	40.8104	117.9344	-101.8	249	TRRA	0	0	0	0	66	33.6	1799	59	78	153	1.322	0.510	0.386	13.0	20.00
720	40.8101	117.9344	-92.5	268	TRRA	0	0	0	0	73	34.1	1882	65	88	149	1.354	0.591	0.436	13.1	20.00
721	40.8098	117.9344	-86.8	294	TRRA	0	0	0	0	64	44.1	1945	42	169	135	4.024	1.252	0.311	13.1	20.00
722	40.8095	117.9344	-78.7	324	TRRA	0	0	0	0	64	45.0	1841	37	132	145	3.568	0.910	0.255	13.1	20.00
723	40.8091	117.9344	-79.2	356	TRRA	0	0	0	0	77	45.9	1974	58	128	139	2.207	0.921	0.417	13.1	20.00
724	40.8088	117.9343	-79.5	390	TRRA	0	0	0	0	70	46.9	2001	54	78	168	1.444	0.464	0.321	13.1	20.00
725	40.8085	117.9343	-78.7	416	TRRA	0	0	0	0	62	47.6	1993	43	111	172	2.581	0.645	0.250	13.1	20.00
726	40.8082	117.9343	-76.3	439	TRRA	0	0	0	0	68	48.2	2164	75	84	142	1.120	0.592	0.528	13.1	20.00
727	40.8079	117.9343	-73.7	455	TRRA	0	0	0	0	71	48.7	2165	56	135	163	2.411	0.828	0.344	13.1	20.00
728	40.8076	117.9343	-71.5	461	TRRA	0	0	0	0	79	48.8	2129	63	101	141	1.603	0.716	0.447	13.2	20.00
729	40.8072	117.9343	-71.1	457	TRRA	0	0	0	0	73	48.7	2050	54	93	168	1.722	0.554	0.321	13.1	20.00
730	40.8069	117.9342	-72.1	474	TRRA	0	0	0	0	70	49.1	2160	53	123	142	2.321	0.866	0.373	13.1	20.00
731	40.8066	117.9342	-74.0	488	TRRA	0	0	0	0	74	49.5	2116	74	87	125	1.176	0.696	0.592	13.1	20.00
732	40.8063	117.9342	-76.6	492	TRRA	0	0	0	0	74	49.6	2016	56	52	207	0.929	0.251	0.271	13.0	20.00
733	40.8060	117.9342	-77.2	493	TRRA	0	0	0	0	71	49.6	2015	45	101	151	2.244	0.669	0.298	13.0	20.00
734	40.8057	117.9342	-76.2	496	TRRA	0	0	0	0	84	49.7	2034	50	51	188	1.020	0.271	0.266	13.0	20.00
735	40.8053	117.9341	-65.3	494	TRRA	0	0	0	0	75	49.7	1942	50	106	140	2.120	0.757	0.357	13.0	20.00
736	40.8050	117.9341	-58.4	491	TRRA	0	0	0	0	71	49.6	1870	44	73	145	1.659	0.503	0.303	13.0	20.00
737	40.8047	117.9341	-51.8	491	TRRA	0	0	0	0	67	49.6	1968	49	80	160	1.633	0.500	0.306	13.0	20.00
738	40.8044	117.9341	-49.4	481	TRRA	0	0	0	0	71	49.3	1933	63	36	151	0.571	0.238	0.417	13.0	20.00
739	40.8041	117.9341	-51.1	443	TRRA	0	0	0	0	80	48.4	1850	42	94	140	2.238	0.671	0.300	13.0	20.00
740	40.8038	117.9341	-52.7	407	TRRA	0	0	0	0	68	45.5	1882	53	65	130	1.226	0.500	0.408	13.0	20.00
741	40.8034	117.9340	-57.6	399	TRRA	0	0	0	0	78	45.3	1849	42	120	118	2.857	1.017	0.356	12.9	20.00
742	40.8031	117.9340	-62.4	402	TRRA	0	0	0	0	79	45.3	1874	44	78	150	1.773	0.520	0.293	13.0	20.00
743	40.8028	117.9340	-67.9	380	TRRA	0	0	0	0	70	44.8	1727	46	132	115	2.870	1.148	0.400	12.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
744	40.8025	117.9340	-73.4	339	TRRA	0	0	0	0	67	43.6	1662	42	139	107	3.310	1.299	0.393	13.0	20.00
745	40.8022	117.9340	-77.1	312	TRRA	0	0	0	0	80	42.8	1649	58	67	112	1.155	0.598	0.518	13.0	20.00
746	40.8019	117.9339	-78.3	306	TRRA	0	0	0	0	65	42.6	1661	57	64	108	1.123	0.593	0.528	13.0	20.00
747	40.8015	117.9339	-77.5	320	TRRA	0	0	0	0	75	43.1	1653	31	119	106	3.839	1.123	0.292	13.0	20.00
748	40.8012	117.9339	-73.3	352	TRRA	0	0	0	0	72	44.0	1637	40	131	92	3.275	1.424	0.435	13.0	20.00
749	40.8009	117.9339	-72.8	370	TRRA	0	0	0	0	77	44.5	1686	27	106	112	3.926	0.946	0.241	13.0	20.00
750	40.8006	117.9339	-65.9	368	TRRA	0	0	0	0	70	44.4	1743	45	91	114	2.022	0.798	0.395	13.0	20.00
751	40.8003	117.9339	-54.9	372	TRRA	0	0	0	0	74	44.5	1675	42	42	124	1.000	0.339	0.339	13.0	20.00
752	40.8000	117.9338	-43.3	391	TRRA	0	0	0	0	70	45.0	1768	39	106	120	2.718	0.883	0.325	13.0	20.00
753	40.7996	117.9338	-33.7	416	TRRA	0	0	0	0	61	45.7	1834	40	114	137	2.850	0.832	0.292	13.0	20.00
754	40.7993	117.9338	-30.1	436	TRRA	0	0	0	0	66	46.2	1959	72	112	95	1.556	1.179	0.758	13.0	20.00
755	40.7990	117.9338	-29.5	430	TRRA	0	0	0	0	73	46.1	2097	37	144	149	3.892	0.966	0.248	13.0	20.00
756	40.7987	117.9338	-29.5	378	TRRA	0	0	0	0	72	44.7	1881	50	64	158	1.280	0.405	0.316	13.1	20.00
757	40.7984	117.9337	-32.4	341	TRRA	0	0	0	0	74	43.7	1833	69	58	141	0.841	0.411	0.489	13.1	20.00
758	40.7981	117.9337	-32.9	347	TRRA	0	0	0	0	73	43.8	1650	35	82	144	2.343	0.569	0.243	13.1	20.00
759	40.7977	117.9337	-27.2	386	TRRA	0	0	0	0	78	49.9	1660	49	51	122	1.041	0.418	0.402	13.1	20.00
760	40.7974	117.9337	-21.1	437	TRRA	0	0	0	0	71	51.4	1790	38	90	116	2.368	0.776	0.328	13.2	20.00
761	40.7971	117.9337	-20.9	476	TRRA	0	0	0	0	73	52.5	1784	38	82	120	2.158	0.683	0.317	13.2	20.00
762	40.7968	117.9337	-25.8	491	TRRA	0	0	0	0	70	52.9	1538	34	40	123	1.176	0.325	0.276	13.1	20.00
763	40.7965	117.9336	-38.1	497	TRRA	0	0	0	0	78	53.1	1653	46	31	110	0.674	0.282	0.418	13.2	20.00
764	40.7962	117.9336	-50.8	510	TRRA	0	0	0	0	74	5[illegible]	1620	33	96	91	2.909	1.055	0.363	13.2	20.00
765	40.7958	117.9336	-65.1	522	TRRA	0	0	0	0	70	5[illegible]7	1590	39	93	77	2.385	1.208	0.506	13.2	20.00
766	40.7955	117.9336	-77.0	543	TRRA	0	0	0	0	68	54.3	1650	38	84	81	2.211	1.037	0.469	13.3	20.00
767	40.7952	117.9336	-86.5	553	TRRA	0	0	0	0	72	54.5	1714	33	32	160	0.970	0.200	0.206	13.3	20.00
768	40.7949	117.9335	-93.8	552	TRRA	0	0	0	0	68	54.5	1757	35	96	118	2.743	0.814	0.297	13.4	20.00
769	40.7946	117.9335	-98.1	498	TRRA	0	0	0	0	72	53.1	1742	16	64	193	4.000	0.332	0.083	13.4	20.00
770	40.7943	117.9335	-100.7	493	TRRA	0	0	0	0	74	53.0	1840	27	87	146	3.222	0.596	0.185	13.4	20.00
771	40.7939	117.9335	-102.1	489	TRRA	0	0	0	0	70	52.8	1750	42	92	123	2.190	0.748	0.341	13.4	20.00
772	40.7936	117.9335	-102.3	476	TRRA	0	0	0	0	73	52.5	1732	38	54	123	1.421	0.439	0.309	13.4	20.00
773	40.7933	117.9335	-88.8	449	TRRA	0	0	0	0	71	51.7	1685	25	105	94	4.200	1.117	0.266	13.5	20.00
774	40.7930	117.9334	-76.8	438	TRRA	0	0	0	0	76	51.4	1779	40	64	142	1.600	0.451	0.282	13.5	20.00
775	40.7927	117.9334	-68.6	439	TRRA	0	0	0	0	78	51.5	1833	43	69	153	1.605	0.451	0.281	13.5	20.00
776	40.7924	117.9334	-75.1	442	TRRA	0	0	0	0	70	51.5	1840	49	116	126	2.367	0.921	0.389	13.5	20.00
777	40.7920	117.9334	-95.3	427	TRRA	0	0	0	0	78	51.1	1888	51	73	139	1.431	0.525	0.367	13.5	20.00
778	40.7917	117.9334	-117.1	409	TRRA	0	0	0	0	78	44.8	1915	47	45	180	0.957	0.250	0.261	13.5	20.00
779	40.7914	117.9333	-134.7	404	TRRA	0	0	0	0	71	44.7	1880	52	55	155	1.058	0.355	0.335	13.5	20.00
780	40.7911	117.9333	-144.3	427	TRRA	0	0	0	0	76	45.3	1920	47	103	160	2.191	0.644	0.294	13.6	20.00
781	40.7908	117.9333	-146.4	454	TRRA	0	0	0	0	81	46.0	2134	52	77	207	1.481	0.372	0.251	13.6	20.00
782	40.7905	117.9333	-144.4	467	TRRA	0	0	0	0	78	46.3	2116	55	106	168	1.927	0.631	0.327	13.7	20.00
783	40.7901	117.9333	-140.5	445	TRRA	0	0	0	0	82	45.7	2092	50	163	140	3.260	1.164	0.357	13.7	20.00
784	40.7898	117.9333	-128.2	428	TRRA	0	0	0	0	75	45.3	2105	50	112	205	2.240	0.546	0.244	13.8	20.00
785	40.7895	117.9332	-114.1	413	TRRA	0	0	0	0	73	44.9	2151	63	121	162	1.921	0.747	0.389	13.8	20.00
786	40.7892	117.9332	-75.8	394	TRRA	0	0	0	0	78	44.4	2208	53	99	210	1.868	0.471	0.252	13.8	20.00
787	40.7889	117.9332	-65.1	374	TRRA	0	0	0	0	74	43.9	2138	58	152	145	2.621	1.048	0.400	13.8	20.00
788	40.7886	117.9332	-66.6	351	TRRA	0	0	0	0	85	43.3	2164	56	116	177	2.071	0.655	0.316	13.9	20.00
789	40.7882	117.9332	-72.5	318	TRRA	0	0	0	0	70	42.4	2121	68	65	173	0.956	0.376	0.393	13.9	20.00
790	40.7879	117.9331	-83.9	274	TRRA	0	0	0	0	86	41.1	1923	65	95	142	1.462	0.669	0.458	13.9	20.00
791	40.7876	117.9331	-89.5	246	TRRA	0	0	0	0	69	40.2	1818	47	89	162	1.894	0.549	0.290	14.0	20.00
792	40.7873	117.9331	-94.8	248	TRRA	0	0	0	0	77	40.3	1743	44	109	127	2.477	0.858	0.346	14.0	20.00
793	40.7870	117.9331	-98.3	292	TRRA	0	0	0	0	70	41.6	1871	47	91	137	1.936	0.664	0.343	14.0	20.00
794	40.7867	117.9331	-102.4	353	TRRA	0	0	0	0	85	43.3	1963	40	129	156	3.225	0.827	0.256	14.0	20.00
795	40.7863	117.9331	-103.7	410	TRRA	0	0	0	0	75	44.9	2036	46	124	175	2.696	0.709	0.263	14.0	20.00
796	40.7860	117.9330	-105.1	463	TRRA	0	0	0	0	71	46.2	2206	70	134	129	1.914	1.039	0.543	14.0	20.00
797	40.7857	117.9330	-105.7	488	TRRA	0	0	0	0	70	53.6	2098	62	91	166	1.468	0.548	0.373	14.0	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
798	40.7854	117.9330	-107.8	496	TRRA	0	0	0	0	70	53.8	2148	48	95	185	1.979	0.514	0.259	14.1	20.00
799	40.7851	117.9330	-109.3	500	TRRA	0	0	0	0	79	53.9	2077	29	156	113	5.379	1.381	0.257	14.1	20.00
800	40.7848	117.9330	-110.4	501	TRGV2	0	0	0	0	79	53.9	1992	57	44	144	0.772	0.306	0.396	14.1	20.00
801	40.7844	117.9329	-110.1	518	TRGV2	0	0	0	0	83	54.4	1995	50	63	141	1.260	0.447	0.355	14.2	20.00
802	40.7841	117.9329	-108.9	547	TRGV2	0	0	0	0	74	55.1	1947	38	63	147	1.658	0.429	0.259	14.2	20.00
803	40.7838	117.9329	-106.8	566	TRGV2	0	0	0	0	77	55.6	2030	33	117	147	3.545	0.796	0.224	14.2	20.00
804	40.7835	117.9329	-104.5	592	TRGV2	0	0	0	0	77	56.3	2124	34	105	125	3.088	0.840	0.272	14.3	20.00
805	40.7832	117.9329	-100.6	615	TRGV2	0	0	0	0	69	56.8	2019	60	73	137	1.217	0.533	0.438	14.3	20.00
806	40.7829	117.9329	-96.1	626	TRGV2	0	0	1	0	74	57.1	2072	51	10	209	0.196	0.048	0.244	14.3	20.00
807	40.7826	117.9328	-91.0	612	TRGV2	0	0	0	0	76	56.8	2084	51	64	140	1.255	0.457	0.364	14.3	20.00
808	40.7822	117.9328	-84.6	618	TRGV2	0	0	0	0	71	56.9	2030	47	60	155	1.277	0.387	0.303	14.3	20.00
809	40.7819	117.9328	-77.9	615	TRGV2	0	0	0	0	73	56.8	2081	44	139	79	3.159	1.759	0.557	14.3	20.00
810	40.7816	117.9328	-71.6	604	TRGV2	0	0	0	0	75	56.6	1948	37	77	124	2.081	0.621	0.298	14.4	20.00
811	40.7813	117.9328	-57.3	590	TRGV2	0	0	0	0	76	56.2	2084	43	142	84	3.302	1.690	0.512	14.4	20.00
812	40.7810	117.9327	-50.8	571	TRGV2	0	0	0	0	72	55.8	1938	56	90	73	1.607	1.233	0.767	14.4	20.00
813	40.7807	117.9327	-44.4	565	TRGV2	0	0	0	0	73	55.6	2024	43	81	130	1.884	0.623	0.331	14.4	20.00
814	40.7803	117.9327	-38.0	563	TRGV2	0	0	0	0	67	55.6	1984	64	52	84	0.813	0.619	0.762	14.4	20.00
815	40.7800	117.9327	-31.8	571	TRGV2	0	0	1	0	84	55.8	2021	55	26	146	0.473	0.178	0.377	14.4	20.00
816	40.7797	117.9327	-23.3	581	TRGV2	0	0	0	0	77	48.8	2049	54	51	127	0.944	0.402	0.425	14.5	20.00
817	40.7794	117.9326	-12.2	597	TRGV2	0	0	1	0	78	49.1	2009	64	10	165	0.156	0.061	0.388	14.5	20.00
818	40.7791	117.9326	-1.1	628	TRGV2	0	0	0	0	75	49.8	1972	48	83	116	1.729	0.716	0.414	14.5	20.00
819	40.7788	117.9326	9.7	643	TRGV2	0	0	0	0	72	50.1	2071	53	93	138	1.755	0.674	0.384	14.5	20.00
820	40.7784	117.9326	19.3	665	TRGV2	0	0	0	0	72	50.5	2212	60	88	130	1.467	0.677	0.462	14.6	20.00
821	40.7781	117.9326	27.1	672	TRGV2	0	0	0	0	82	50.7	2200	41	104	143	2.537	0.727	0.287	14.6	20.00
822	40.7778	117.9326	32.6	653	TRGV2	0	0	0	0	75	50.3	2079	34	122	114	3.588	1.070	0.298	14.6	20.00
823	40.7775	117.9325	36.0	596	TRGV2	0	0	0	0	73	49.1	2101	56	75	140	1.339	0.536	0.400	14.7	20.00
824	40.7772	117.9325	33.7	567	TRGV2	0	0	0	0	61	48.5	2100	48	95	141	1.979	0.674	0.340	14.7	20.00
825	40.7769	117.9325	31.8	526	TRGV2	0	0	0	0	80	47.6	1963	52	88	96	1.692	0.917	0.542	14.8	20.00
826	40.7765	117.9325	28.5	534	TRGV2	0	0	0	0	69	47.7	1965	45	54	163	1.200	0.331	0.276	14.8	20.00
827	40.7762	117.9325	21.8	553	TRGV2	0	0	0	0	70	48.2	2179	51	135	122	2.647	1.107	0.418	14.9	20.00
828	40.7759	117.9324	14.0	559	TRGV2	0	0	0	0	82	48.3	2184	28	155	175	5.536	0.886	0.160	14.9	20.00
829	40.7756	117.9324	8.7	562	TRGV2	0	0	0	0	76	48.4	2178	40	116	164	2.900	0.707	0.244	14.9	20.00
830	40.7753	117.9324	9.8	518	TRGV2	0	0	0	0	69	47.4	2079	36	138	152	3.833	0.908	0.237	15.0	20.00
831	40.7750	117.9324	16.2	492	TRGV2	0	0	0	0	79	46.8	2014	54	32	166	0.593	0.193	0.325	15.0	20.00
832	40.7746	117.9324	27.6	486	TRGV2	0	0	0	0	67	46.6	2053	45	93	121	2.067	0.769	0.372	15.0	20.00
833	40.7743	117.9324	38.5	481	TRGV2	0	0	0	0	70	46.5	1984	53	59	163	1.113	0.362	0.325	15.0	20.00
834	40.7740	117.9323	47.8	472	TRGV2	0	0	0	0	71	46.3	2085	52	92	176	1.769	0.523	0.295	15.0	20.00
835	40.7737	117.9323	56.1	452	TRGV2	0	0	0	0	71	41.9	2017	53	69	150	1.302	0.460	0.353	15.0	20.00
836	40.7734	117.9323	61.4	440	TRGV2	0	0	0	0	81	41.6	2059	58	61	160	1.052	0.381	0.363	15.0	20.00
837	40.7731	117.9323	58.2	423	TRGV2	0	0	0	0	72	41.3	2061	70	101	114	1.443	0.886	0.614	15.0	20.00
838	40.7727	117.9323	55.2	408	TRGV2	0	0	0	0	74	40.9	1939	36	91	156	2.528	0.583	0.231	15.1	20.00
839	40.7724	117.9322	58.1	399	TRGV2	0	0	0	0	77	40.7	2043	62	100	116	1.613	0.862	0.534	15.1	20.00
840	40.7721	117.9322	65.0	398	TRGV2	0	0	0	0	73	40.7	2002	49	124	137	2.531	0.905	0.358	15.1	20.00
841	40.7718	117.9322	77.2	401	TRGV2	0	0	0	0	72	40.7	1957	46	105	132	2.283	0.795	0.348	15.1	20.00
842	40.7715	117.9322	94.4	406	TRGV2	0	0	0	0	79	40.9	2010	50	142	144	2.840	0.986	0.347	15.1	20.00
843	40.7712	117.9322	120.0	408	TRGV2	0	0	0	0	82	40.9	2055	60	67	150	1.117	0.447	0.400	15.2	20.00
844	40.7708	117.9322	149.7	409	TRGV2	0	0	0	0	74	40.9	2011	44	118	166	2.682	0.711	0.265	15.2	20.00
845	40.7705	117.9321	173.4	413	TRGV2	0	0	0	0	79	41.0	2090	51	82	180	1.608	0.456	0.283	15.2	20.00
846	40.7702	117.9321	196.7	427	TRGV2	0	0	0	0	75	41.4	2157	43	104	158	2.419	0.658	0.272	15.2	20.00
847	40.7699	117.9321	200.5	439	TRGV2	0	0	0	0	71	41.6	2107	58	102	168	1.759	0.607	0.345	15.3	20.00
848	40.7696	117.9321	189.9	442	TRGV2	0	0	0	0	73	41.7	2152	76	103	123	1.355	0.837	0.618	15.3	20.00
849	40.7693	117.9321	167.0	433	TRGV2	0	0	0	0	82	41.5	2212	54	141	146	2.611	0.966	0.370	15.3	20.00
850	40.7689	117.9320	111.9	429	TRGV2	0	0	0	0	80	41.4	2154	62	96	145	1.548	0.662	0.428	15.3	20.00
851	40.7686	117.9320	89.1	437	TRGV2	0	0	0	0	63	41.6	2262	44	157	181	3.568	0.867	0.243	15.3	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
852	40.7683	117.9320	72.9	446	TRGV2	0	0	0	0	83	41.8	2253	46	122	182	2.652	0.670	0.253	15.3	20.00
853	40.7680	117.9320	62.2	459	TRGV2	0	0	0	0	83	42.1	2160	61	77	183	1.262	0.421	0.333	15.3	20.00
854	40.7677	117.9320	55.4	472	TRGV2	0	0	0	0	76	31.3	2354	63	116	216	1.841	0.537	0.292	15.3	20.00
855	40.7674	117.9320	50.7	480	TRGV2	0	0	0	0	74	31.4	2230	54	127	115	2.352	1.104	0.470	15.3	20.00
856	40.7670	117.9319	47.6	484	TRGV2	0	0	0	0	72	31.5	2303	59	129	171	2.186	0.754	0.345	15.3	20.00
857	40.7667	117.9319	45.8	482	TRGV2	0	0	0	0	75	31.5	2390	66	134	193	2.030	0.694	0.342	15.4	20.00
858	40.7664	117.9319	41.6	478	TRGV2	0	0	0	0	74	31.4	2376	63	124	190	1.968	0.653	0.332	15.4	20.00
859	40.7661	117.9319	38.5	472	TRGV2	0	0	0	0	69	31.3	2429	70	124	212	1.771	0.585	0.330	15.4	20.00
860	40.7658	117.9319	32.9	465	TRGV2	0	0	0	0	82	31.2	2351	46	212	145	4.609	1.462	0.317	15.3	20.00
861	40.7655	117.9318	28.2	448	TRGV2	0	0	0	0	72	30.9	2331	59	138	187	2.339	0.738	0.316	15.3	20.00
862	40.7651	117.9318	16.0	435	TRGV2	0	0	0	0	78	30.7	2324	76	83	170	1.092	0.488	0.447	15.3	20.00
863	40.7648	117.9318	9.3	425	TRGV2	0	0	0	0	72	30.5	2206	49	108	198	2.204	0.545	0.247	15.3	20.00
864	40.7645	117.9318	3.7	422	TRGV2	0	0	0	0	74	30.5	2304	65	128	168	1.969	0.762	0.387	15.3	20.00
865	40.7642	117.9318	-4.6	425	TRGV2	0	0	0	0	82	30.5	2268	63	64	220	1.016	0.291	0.286	15.3	20.00
866	40.7639	117.9318	-8.4	426	TRGV2	0	0	0	0	82	30.5	2298	52	97	239	1.865	0.406	0.218	15.3	20.00
867	40.7636	117.9317	-12.3	424	TRGV2	0	0	0	0	77	30.5	2322	59	178	137	3.017	1.299	0.431	15.2	20.00
868	40.7632	117.9317	-14.2	415	TRGV2	0	0	0	0	80	30.3	2323	70	115	186	1.643	0.618	0.376	15.2	20.00
869	40.7629	117.9317	-15.1	401	TRGV2	0	0	0	0	86	30.1	2286	56	192	128	3.429	1.500	0.438	15.1	20.00
870	40.7626	117.9317	-18.1	386	TRGV2	0	0	0	0	84	29.8	2203	62	146	163	2.355	0.896	0.380	15.0	20.00
871	40.7623	117.9317	-20.8	370	TRGV2	0	0	0	0	74	29.5	2230	45	165	188	3.667	0.878	0.239	14.9	20.00
872	40.7620	117.9316	-23.8	352	TRGV2	0	0	0	0	82	29.2	2282	60	117	178	1.950	0.657	0.337	14.9	20.00
873	40.7617	117.9316	-25.0	339	TRGV2	0	0	0	0	83	30.3	2195	65	57	185	0.877	0.308	0.351	14.8	20.00
874	40.7613	117.9316	-26.5	322	TRGV2	0	0	0	0	82	30.0	2195	70	100	163	1.429	0.613	0.429	14.7	20.00
875	40.7610	117.9316	-22.7	300	TRGV2	0	0	0	0	80	29.5	2099	64	69	174	1.078	0.397	0.368	14.6	20.00
876	40.7607	117.9316	-18.2	279	TRGV2	0	0	0	0	86	29.1	2086	43	142	183	3.302	0.776	0.235	14.6	20.00
877	40.7604	117.9316	-12.2	256	TRGV2	0	0	0	0	77	28.6	1945	62	79	160	1.274	0.494	0.387	14.5	20.00
878	40.7601	117.9315	-13.1	255	TRGV2	0	0	0	0	83	28.6	2036	60	100	149	1.667	0.671	0.403	14.4	20.00
879	40.7598	117.9315	-12.8	270	TRGV2	0	0	0	0	75	28.9	1873	50	141	112	2.820	1.259	0.446	14.3	20.00
880	40.7594	117.9315	-13.7	292	TRGV2	0	0	0	0	76	29.4	2050	54	136	158	2.519	0.861	0.342	14.3	20.00
881	40.7591	117.9315	-11.6	317	TRGV2	0	0	0	0	79	29.9	2027	62	116	154	1.871	0.753	0.403	14.2	20.00
882	40.7588	117.9315	-12.0	339	TRGV2	0	0	0	0	79	30.3	2121	59	139	140	2.356	0.993	0.421	14.1	20.00
883	40.7585	117.9314	-11.7	353	TRGV2	0	0	0	0	75	30.6	2153	72	126	160	1.750	0.788	0.450	14.1	20.00
884	40.7582	117.9314	-14.4	370	TRGV2	0	0	0	0	85	30.9	2124	58	118	156	2.034	0.756	0.372	14.0	20.00
885	40.7579	117.9314	-20.4	404	TRGV2	0	0	0	0	88	31.6	2181	49	95	183	1.939	0.519	0.268	14.0	20.00
886	40.7575	117.9314	-25.0	434	TRGV2	0	0	0	0	82	32.1	2339	53	129	170	2.434	0.759	0.312	13.9	20.00
887	40.7572	117.9314	-30.1	464	TRGV2	0	0	0	0	80	32.6	2333	77	101	190	1.312	0.532	0.405	13.8	20.00
888	40.7569	117.9314	-38.5	484	TRGV2	0	0	0	0	84	33.0	2427	59	157	159	2.661	0.987	0.371	13.7	20.00
889	40.7566	117.9313	-41.8	487	TRGV2	0	0	0	0	77	33.0	2412	56	153	172	2.732	0.890	0.326	13.7	20.00
890	40.7563	117.9313	-45.4	488	TRGV2	0	0	0	0	78	33.0	2349	54	206	130	3.815	1.585	0.415	13.6	20.00
891	40.7560	117.9313	-48.2	491	TRGV2	0	0	0	0	82	33.1	2263	54	115	132	2.130	0.871	0.409	13.5	20.00
892	40.7556	117.9313	-51.6	489	TRGV2	0	0	0	0	86	36.8	2312	51	145	149	2.843	0.973	0.342	13.4	20.00
893	40.7553	117.9313	-54.6	490	TRGV2	0	0	0	0	76	36.8	2240	58	79	181	1.362	0.436	0.320	13.3	20.00
894	40.7550	117.9312	-57.9	493	TRGV2	0	0	0	0	80	36.9	2182	63	105	145	1.667	0.724	0.434	13.3	20.00
895	40.7547	117.9312	-61.0	495	TRGV2	0	0	0	0	90	36.9	2180	43	94	166	2.186	0.566	0.259	13.3	20.00
896	40.7544	117.9312	-63.6	496	TRGV2	0	0	0	0	72	36.9	2170	61	61	171	1.000	0.357	0.357	13.2	20.00
897	40.7541	117.9312	-66.2	495	TRGV2	0	0	1	0	84	36.9	2069	60	15	183	0.250	0.082	0.328	13.1	20.00
898	40.7537	117.9312	-67.5	495	TRGV2	0	0	0	0	72	36.9	2076	53	143	106	2.698	1.349	0.500	13.1	20.00
899	40.7534	117.9312	-68.3	496	TRGV2	0	0	0	0	82	36.9	2131	56	112	128	2.000	0.875	0.438	13.0	20.00
900	40.7531	117.9311	-69.6	498	TRGV2	0	0	0	0	72	37.0	2088	51	85	142	1.667	0.599	0.359	13.0	20.00
901	40.7528	117.9311	-73.0	499	TRGV2	0	0	0	0	75	37.0	2106	51	92	156	1.804	0.590	0.327	12.9	20.00
902	40.7525	117.9311	-75.2	509	TRGV2	0	0	0	0	71	37.2	2133	49	123	141	2.510	0.872	0.348	12.9	20.00
903	40.7522	117.9311	-78.1	531	TRGV2	0	0	0	0	78	37.6	2196	42	168	115	4.000	1.461	0.365	12.8	20.00
904	40.7518	117.9311	-82.4	538	TRGV2	0	0	0	0	73	37.7	2257	72	71	141	0.986	0.504	0.511	12.8	20.00
905	40.7515	117.9310	-86.0	532	TRGV2	0	0	0	0	74	37.6	2214	46	145	122	3.152	1.189	0.377	12.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
906	40.7512	117.9310	-90.1	501	TRGV2	0	0	0	0	74	37.0	2168	57	155	105	2.719	1.476	0.543	12.6	20.00
907	40.7509	117.9310	-94.3	493	TRGV2	0	0	0	0	74	36.9	2153	58	114	161	1.966	0.708	0.360	12.5	20.00
908	40.7506	117.9310	-98.7	483	TRGV2	0	0	0	0	75	36.7	2165	50	166	95	3.320	1.747	0.526	12.5	20.00
909	40.7503	117.9310	-103.2	460	TRGV2	0	0	0	0	77	36.2	2083	68	70	149	1.029	0.470	0.456	12.4	20.00
910	40.7500	117.9309	-108.2	438	TRGV2	0	0	0	0	79	35.8	2069	62	105	115	1.694	0.913	0.539	12.3	20.00
911	40.7496	117.9309	-114.1	436	TRGV2	0	0	0	0	74	43.4	2013	65	39	172	0.600	0.227	0.378	12.2	20.00
912	40.7493	117.9309	-121.5	450	TRGV2	0	0	0	0	78	43.7	2166	80	99	114	1.237	0.868	0.702	12.2	20.00
913	40.7490	117.9309	-136.2	471	TRGV2	0	0	0	0	73	44.2	2193	46	82	203	1.783	0.404	0.227	12.1	20.00
914	40.7487	117.9309	-141.7	485	TRGV2	0	0	0	0	70	44.6	2160	49	103	156	2.102	0.660	0.314	12.1	20.00
915	40.7484	117.9309	-147.2	489	TRGV2	0	0	0	0	70	44.6	2161	63	82	151	1.302	0.543	0.417	12.0	20.00
916	40.7481	117.9308	-152.8	491	TRGV2	0	0	0	0	74	44.7	2219	54	91	183	1.685	0.497	0.295	11.9	20.00
917	40.7477	117.9308	-157.1	490	TRGV2	0	0	0	0	71	44.7	2191	32	175	141	5.469	1.241	0.227	11.9	20.00
918	40.7474	117.9308	-160.7	489	TRGV2	0	0	0	0	75	44.6	2086	63	80	146	1.270	0.548	0.432	11.8	20.00
919	40.7471	117.9308	-162.3	486	TRGV2	0	0	0	0	70	44.6	1929	72	57	165	0.792	0.345	0.436	11.8	20.00
920	40.7468	117.9308	-165.4	485	TRGV2	0	0	0	0	72	44.5	1946	34	175	128	5.147	1.367	0.266	11.7	20.00
921	40.7465	117.9307	-167.5	481	TRGV2	0	0	0	0	66	44.5	1824	52	128	119	2.462	1.076	0.437	11.7	20.00
922	40.7462	117.9307	-169.3	485	TRGV2	0	0	0	0	71	44.5	1846	42	155	122	3.690	1.270	0.344	11.7	20.00
923	40.7458	117.9307	-170.4	485	TRGV2	0	0	0	0	72	44.5	1940	42	187	138	4.452	1.355	0.304	11.7	20.00
924	40.7455	117.9307	-170.5	488	TRGV2	0	0	0	0	67	44.6	1887	72	69	110	0.958	0.627	0.655	11.7	20.00
925	40.7452	117.9307	-171.8	491	TRGV2	0	0	0	0	67	44.7	1892	53	44	169	0.830	0.260	0.314	11.7	20.00
926	40.7449	117.9307	-174.6	494	TRGV2	0	0	0	0	88	44.7	1899	35	114	156	3.257	0.731	0.224	11.6	20.00
927	40.7446	117.9306	-177.1	496	TRGV2	0	0	0	0	80	44.8	1902	57	95	112	1.667	0.848	0.509	11.6	20.00
928	40.7443	117.9306	-181.7	499	TRGV2	0	0	0	0	66	44.9	1839	41	137	120	3.341	1.142	0.342	11.6	20.00
929	40.7439	117.9306	-184.2	509	QTG	0	0	0	0	73	45.1	1851	33	98	192	2.970	0.510	0.172	11.6	20.00
930	40.7436	117.9306	-186.6	529	QTG	0	0	0	0	68	45.9	1939	36	118	143	3.278	0.825	0.252	11.6	20.00
931	40.7433	117.9306	-188.3	544	QTG	0	0	0	0	67	46.2	1966	45	75	157	1.667	0.478	0.287	11.6	20.00
932	40.7430	117.9305	-189.1	548	QTG	0	0	0	0	69	46.3	1928	54	108	158	2.000	0.684	0.342	11.6	20.00
933	40.7427	117.9305	-192.2	546	QTG	0	0	0	0	76	46.2	1891	38	102	130	2.684	0.785	0.292	11.6	20.00
934	40.7424	117.9305	-194.4	561	QTG	0	0	0	0	80	46.6	1927	35	140	98	4.000	1.429	0.357	11.6	20.00
935	40.7420	117.9305	-196.4	569	QTG	0	0	0	0	70	46.7	1924	41	156	82	3.805	1.902	0.500	11.7	20.00
936	40.7417	117.9305	-200.1	560	QTG	0	0	0	0	61	46.5	1912	47	117	151	2.489	0.775	0.311	11.7	20.00
937	40.7414	117.9305	-202.2	563	QTG	0	0	0	0	72	46.6	1923	45	73	152	1.622	0.480	0.296	11.7	20.00
938	40.7411	117.9304	-205.2	603	QTG	0	0	0	0	75	47.4	1995	26	107	181	4.115	0.591	0.144	11.7	20.00
939	40.7408	117.9304	-209.4	609	QTG	0	0	0	0	60	47.5	2005	48	64	211	1.333	0.303	0.227	11.7	20.00
940	40.7405	117.9304	-210.8	608	QTG	0	0	0	0	69	47.5	1973	45	100	125	2.222	0.800	0.360	11.7	20.00
941	40.7400	117.9304	-211.0	585	QTG	0	0	0	0	78	47.1	2097	34	148	138	4.353	1.072	0.246	11.8	20.00
942	40.7396	117.9304	-212.4	513	QTG	0	0	0	0	72	45.5	1944	37	78	193	2.108	0.404	0.192	11.8	20.00
943	40.7392	117.9304	-211.1	490	QTG	0	0	0	0	77	45.0	1946	47	99	157	2.106	0.631	0.299	11.8	20.00
944	40.7388	117.9304	-208.4	454	QTG	0	0	0	0	74	44.2	2140	59	65	202	1.102	0.322	0.292	11.8	20.00
945	40.7384	117.9304	-204.5	381	QTG	0	0	0	0	78	42.4	1944	49	60	181	1.250	0.331	0.265	11.8	20.00
946	40.7380	117.9304	-199.6	352	QTG	0	0	0	0	65	41.6	1948	46	84	182	1.826	0.462	0.253	11.8	20.00
947	40.7376	117.9304	-195.7	365	QTG	0	0	0	0	78	41.9	2049	50	129	155	2.580	0.832	0.323	11.8	20.00
948	40.7372	117.9304	-192.9	403	QTG	0	0	0	0	60	42.9	2126	48	108	236	2.250	0.458	0.203	11.7	20.00
949	40.7368	117.9304	-191.9	447	QTG	0	0	0	0	73	43.9	2186	44	169	165	3.841	1.024	0.267	11.7	20.00
950	40.7364	117.9304	-190.0	468	QTG	0	0	0	0	77	44.4	2257	74	82	170	1.108	0.482	0.435	11.7	20.00
951	40.7360	117.9304	-188.9	479	QTG	0	0	0	0	78	44.6	2240	61	81	218	1.328	0.372	0.280	11.7	20.00
952	40.7356	117.9304	-185.6	485	QTG	0	0	0	0	70	44.8	2165	69	97	186	1.406	0.522	0.371	11.6	20.00
953	40.7352	117.9303	-184.7	488	QTG	0	0	0	0	78	44.8	2103	53	71	201	1.340	0.353	0.264	11.6	20.00
954	40.7347	117.9303	-182.9	490	QTG	0	0	0	0	62	44.9	2126	48	172	181	3.583	0.950	0.265	11.6	20.00
955	40.7343	117.9303	-181.4	490	QTG	0	0	0	0	72	44.9	1966	50	132	120	2.640	1.100	0.417	11.6	20.00
956	40.7339	117.9303	-180.2	491	QTG	0	0	0	0	67	44.9	1950	67	99	138	1.478	0.717	0.486	11.6	20.00
957	40.7335	117.9303	-179.0	492	QTG	0	0	0	0	77	44.9	2025	52	90	173	1.731	0.520	0.301	11.6	20.00
958	40.7331	117.9303	-177.7	495	QTG	0	0	0	0	68	45.0	1873	47	109	120	2.319	0.908	0.392	11.6	20.00
959	40.7327	117.9303	-176.3	499	QTG	0	0	0	0	73	45.1	1863	43	140	132	3.256	1.061	0.326	11.6	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
960	40.7323	117.9303	-173.3	499	QTG	0	0	0	0	69	45.1	1850	46	116	126	2.522	0.921	0.365	11.6	20.00
961	40.7319	117.9303	-172.1	498	QTG	0	0	0	0	71	45.1	1915	57	158	85	2.772	1.859	0.671	11.6	20.00
962	40.7315	117.9303	-169.9	496	QTG	0	0	0	0	76	45.0	2003	56	77	150	1.375	0.513	0.373	11.7	20.00
963	40.7311	117.9303	-165.9	496	QTG	0	0	0	0	63	45.0	2018	46	119	157	2.587	0.758	0.293	11.7	20.00
964	40.7307	117.9303	-159.6	499	QTG	0	0	0	0	72	45.1	1930	56	53	179	0.946	0.296	0.313	11.6	20.00
965	40.7303	117.9303	-154.9	497	QTG	0	0	0	0	79	45.0	1930	58	78	168	1.345	0.464	0.345	11.6	20.00
966	40.7299	117.9303	-150.2	494	QTG	0	0	0	0	68	45.0	1895	56	105	94	1.875	1.117	0.596	11.6	20.00
967	40.7294	117.9303	-144.3	492	QTG	0	0	0	0	71	44.9	1923	44	141	139	3.205	1.014	0.317	11.6	20.00
968	40.7290	117.9303	-139.6	490	QTG	0	0	0	0	64	53.9	2035	58	87	176	1.500	0.494	0.330	11.7	20.00
969	40.7286	117.9303	-133.6	486	QTG	0	0	1	0	62	53.8	2117	66	14	256	0.212	0.055	0.258	11.7	20.00
970	40.7282	117.9303	-127.5	472	QTG	0	0	0	0	74	53.4	1945	58	111	175	1.914	0.634	0.331	11.6	20.00
971	40.7278	117.9303	-120.9	460	QTG	0	0	0	0	67	53.1	1924	73	31	142	0.425	0.218	0.514	11.7	20.00
972	40.7274	117.9303	-114.4	468	QTG	0	0	0	0	59	53.3	2029	49	107	184	2.184	0.582	0.266	11.7	20.00
973	40.7270	117.9303	-108.6	475	QTG	0	0	0	0	72	53.5	2049	43	101	215	2.349	0.470	0.200	11.7	20.00
974	40.7266	117.9303	-104.6	477	QTG	0	0	1	0	65	53.6	2007	71	20	235	0.282	0.085	0.302	11.8	20.00
975	40.7262	117.9303	-98.8	484	QTG	0	0	0	0	73	53.7	2013	62	80	146	1.290	0.548	0.425	11.7	20.00
976	40.7258	117.9302	-95.4	483	QTG	0	0	0	0	70	53.7	2105	52	153	167	2.942	0.916	0.311	11.8	20.00
977	40.7254	117.9302	-87.4	457	QTG	0	0	0	0	72	53.0	2005	49	73	188	1.490	0.388	0.261	11.8	20.00
978	40.7250	117.9302	-83.1	437	QTG	0	0	0	0	74	52.4	2228	46	144	140	3.130	1.029	0.329	11.8	20.00
979	40.7246	117.9302	-77.9	424	QTG	0	0	0	0	70	52.0	2030	39	139	166	3.564	0.837	0.235	11.8	20.00
980	40.7241	117.9302	-73.1	415	QTG	0	0	0	0	69	51.8	2029	37	82	224	2.216	0.366	0.165	11.8	20.00
981	40.7237	117.9302	-70.1	415	QTG	0	0	0	0	65	51.8	2098	39	121	184	3.103	0.658	0.212	11.7	20.00
982	40.7233	117.9302	-67.6	422	QTG	0	0	0	0	66	52.0	2150	59	53	198	0.898	0.268	0.298	11.8	20.00
983	40.7229	117.9302	-66.0	429	QTG	0	0	0	0	72	52.2	2181	65	105	174	1.615	0.603	0.374	11.7	20.00
984	40.7225	117.9302	-65.1	451	QTG	0	0	0	0	73	52.8	2322	58	105	215	1.810	0.488	0.270	11.7	20.00
985	40.7221	117.9302	-64.5	473	QTG	0	0	0	0	60	53.4	2461	55	153	217	2.782	0.705	0.253	11.7	20.00
986	40.7217	117.9302	-61.7	481	QTG	0	0	0	0	67	53.7	2541	76	105	190	1.382	0.553	0.400	11.8	20.00
987	40.7213	117.9302	-60.2	479	QTG	0	0	0	0	72	52.2	2227	62	96	193	1.548	0.497	0.321	11.7	20.00
988	40.7209	117.9302	-57.9	462	QTG	0	0	0	0	72	51.8	2244	41	136	167	3.317	0.814	0.246	11.7	20.00
989	40.7205	117.9302	-55.8	443	QTG	0	0	0	0	68	51.2	2189	59	136	148	2.305	0.919	0.399	11.7	20.00
990	40.7201	117.9302	-52.0	434	QTG	0	0	0	0	68	51.0	2247	65	86	221	1.323	0.389	0.294	11.7	20.00
991	40.7197	117.9302	-50.4	436	QTG	0	0	0	0	59	51.0	2327	56	185	126	3.304	1.468	0.444	11.7	20.00
992	40.7193	117.9302	-50.2	439	QTG	0	0	0	0	66	51.1	2250	53	111	175	2.094	0.634	0.303	11.7	20.00
993	40.7188	117.9302	-49.9	448	QTG	0	0	0	0	71	51.4	2351	35	191	177	5.457	1.079	0.198	11.7	20.00
994	40.7184	117.9302	-49.7	446	QTG	0	0	0	0	68	51.3	2195	69	86	213	1.246	0.404	0.324	11.6	20.00
995	40.7180	117.9302	-49.6	429	QTG	0	0	0	0	63	50.8	2148	55	93	225	1.691	0.413	0.244	11.6	20.00
996	40.7176	117.9302	-50.5	417	QTG	0	0	0	0	69	50.5	2184	53	81	228	1.528	0.355	0.232	11.7	20.00
997	40.7172	117.9302	-51.1	414	QTG	0	0	0	0	70	50.4	2098	60	94	183	1.567	0.514	0.328	11.7	20.00
998	40.7168	117.9302	-50.8	415	QTG	0	0	0	0	67	50.4	2183	49	143	177	2.918	0.808	0.277	11.7	20.00
999	40.7164	117.9302	-52.1	415	QTG	0	0	0	0	73	50.4	2105	69	93	180	1.348	0.517	0.383	11.7	20.00
1000	40.7160	117.9301	-53.4	410	QTG	0	0	0	0	61	50.3	1991	58	136	140	2.345	0.971	0.414	11.7	20.00
1001	40.7156	117.9301	-56.0	405	QTG	0	0	0	0	77	50.1	1978	52	116	173	2.231	0.671	0.301	11.7	20.00
1002	40.7152	117.9301	-59.1	400	QTG	0	0	0	0	57	50.0	2044	53	79	210	1.491	0.376	0.252	11.7	20.00
1003	40.7148	117.9301	-62.4	393	QTG	0	0	0	0	60	49.8	2159	56	70	215	1.250	0.326	0.260	11.7	20.00
1004	40.7144	117.9301	-66.0	385	QTG	0	0	0	0	81	49.6	2088	58	47	191	0.810	0.246	0.304	11.7	20.00
1005	40.7140	117.9301	-68.1	377	QTG	0	0	0	0	76	49.3	1980	30	210	153	7.000	1.373	0.196	11.6	20.00
1006	40.7135	117.9301	-70.2	370	QTG	0	0	0	0	70	47.0	2113	39	131	207	3.359	0.633	0.188	11.6	20.00
1007	40.7131	117.9301	-73.3	365	QTG	0	0	0	0	57	46.9	2035	54	94	198	1.741	0.475	0.273	11.6	20.00
1008	40.7127	117.9301	-75.5	364	QTG	0	0	0	0	68	46.9	2032	50	134	180	2.680	0.744	0.278	11.6	20.00
1009	40.7123	117.9301	-78.3	362	QTG	0	0	0	0	68	46.8	2056	47	173	168	3.681	1.030	0.280	11.6	20.00
1010	40.7119	117.9301	-80.5	352	QAL	0	0	0	0	56	46.5	1991	54	87	197	1.611	0.442	0.274	11.6	20.00
1011	40.7115	117.9301	-83.0	350	QAL	0	0	0	0	66	46.4	2013	66	82	176	1.242	0.466	0.375	11.6	20.00
1012	40.7111	117.9301	-83.7	353	QAL	0	0	0	0	71	46.5	2034	63	108	149	1.714	0.725	0.423	11.6	20.00
1013	40.7107	117.9301	-84.8	351	QAL	0	0	0	0	58	46.5	2076	59	158	147	2.678	1.075	0.401	11.5	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1014	40.7103	117.9301	-86.8	351	QAL	0	0	0	0	70	46.5	1943	49	87	209	1.776	0.416	0.234	11.5	20.00
1015	40.7099	117.9301	-88.4	349	QAL	0	0	0	0	67	46.4	2033	41	189	175	4.610	1.080	0.234	11.5	20.00
1016	40.7095	117.9301	-89.2	348	QAL	0	0	0	0	66	46.4	2115	58	110	199	1.897	0.553	0.291	11.5	20.00
1017	40.7091	117.9301	-91.2	344	QAL	0	0	0	0	68	46.3	2152	46	109	193	2.370	0.565	0.238	11.5	20.00
1018	40.7087	117.9301	-92.5	339	QAL	0	0	0	0	61	46.1	2086	59	200	153	3.390	1.307	0.386	11.5	20.00
1019	40.7082	117.9301	-94.3	335	QAL	0	0	0	0	76	46.0	1989	52	100	176	1.923	0.568	0.295	11.5	20.00
1020	40.7078	117.9301	-96.7	333	QAL	0	0	0	0	60	45.9	2069	52	161	158	3.096	1.019	0.329	11.5	20.00
1021	40.7074	117.9301	-97.9	337	QAL	0	0	0	0	73	46.0	2171	46	152	220	3.304	0.691	0.209	11.5	20.00
1022	40.7070	117.9301	-98.6	342	QAL	0	0	0	0	68	46.2	2090	49	100	215	2.041	0.465	0.228	11.5	20.00
1023	40.7066	117.9300	-98.2	337	QAL	0	0	0	0	60	46.1	2115	51	106	211	2.078	0.502	0.242	11.5	20.00
1024	40.7062	117.9300	-98.7	336	QAL	0	0	0	0	68	46.0	2147	69	107	169	1.551	0.633	0.408	11.4	20.00
1025	40.7058	117.9300	-98.5	337	QAL	0	0	0	0	60	35.8	1977	53	170	150	3.208	1.133	0.353	11.4	20.00
1026	40.7054	117.9300	-99.0	342	QAL	0	0	0	0	74	36.0	2073	80	69	177	0.862	0.390	0.452	11.4	20.00
1027	40.7050	117.9300	-98.8	341	QAL	0	0	0	0	65	35.9	2024	58	147	185	2.534	0.795	0.314	11.4	20.00
1028	40.7046	117.9300	-101.0	348	QAL	0	0	0	0	58	36.1	2175	39	205	164	5.256	1.250	0.238	11.4	20.00
1029	40.7042	117.9300	-100.8	353	QAL	0	0	0	0	67	36.2	2090	55	151	158	2.745	0.956	0.348	11.4	20.00
1030	40.7038	117.9300	-101.5	353	QAL	0	0	0	0	76	36.2	2135	64	69	223	1.078	0.309	0.287	11.4	20.00
1031	40.7034	117.9300	-104.3	355	QAL	0	0	0	0	66	36.3	2145	76	47	202	0.618	0.233	0.376	11.3	20.00
1032	40.7029	117.9300	-103.3	361	QAL	0	0	0	0	63	36.4	2166	60	99	181	1.650	0.547	0.331	11.4	20.00
1033	40.7025	117.9300	-103.5	366	QAL	0	0	0	0	64	36.5	2233	50	195	176	3.900	1.108	0.284	11.3	20.00
1034	40.7021	117.9300	-103.5	368	QAL	0	0	0	0	65	36.5	2128	57	168	177	2.947	0.949	0.322	11.3	20.00
1035	40.7017	117.9300	-102.6	363	QAL	0	0	0	0	60	36.4	2179	55	143	194	2.600	0.737	0.284	11.3	20.00
1036	40.7013	117.9300	-103.4	362	QAL	0	0	0	0	60	36.4	2161	48	134	218	2.792	0.615	0.220	11.3	20.00
1037	40.7009	117.9300	-103.2	364	QAL	0	0	0	0	70	36.5	2092	44	172	167	3.909	1.030	0.263	11.3	20.00
1038	40.7005	117.9300	-101.1	368	QAL	0	0	0	0	64	36.5	2013	61	71	250	1.164	0.284	0.244	11.2	20.00
1039	40.7001	117.9300	-102.6	376	QAL	0	0	0	0	60	36.7	2017	43	127	172	2.953	0.738	0.250	11.3	20.00
1040	40.6997	117.9300	-102.8	383	QAL	0	0	0	0	69	36.9	1988	58	87	211	1.500	0.412	0.275	11.3	20.00
1041	40.6993	117.9300	-102.3	387	QAL	0	0	0	0	62	37.0	2077	67	62	182	0.925	0.341	0.368	11.2	20.00
1042	40.6989	117.9300	-102.6	390	QAL	0	0	0	0	55	37.0	2003	60	110	163	1.833	0.675	0.368	11.2	20.00
1043	40.6985	117.9300	-101.8	396	QAL	0	0	0	0	69	37.2	2010	59	126	142	2.136	0.887	0.415	11.3	20.00
1044	40.6981	117.9300	-102.5	404	QAL	0	0	0	0	68	41.8	1947	43	76	206	1.767	0.369	0.209	11.3	20.00
1045	40.6976	117.9300	-104.0	415	QAL	0	0	0	0	62	42.1	2071	39	103	207	2.641	0.498	0.188	11.3	20.00
1046	40.6972	117.9300	-105.7	424	QAL	0	0	0	0	70	42.3	2079	43	169	180	3.930	0.939	0.239	11.3	20.00
1047	40.6968	117.9299	-108.6	433	QAL	0	0	0	0	62	42.5	2070	45	126	177	2.800	0.712	0.254	11.3	20.00
1048	40.6964	117.9299	-110.6	445	QAL	0	0	0	0	65	42.8	2156	53	94	204	1.774	0.461	0.260	11.2	20.00
1049	40.6960	117.9299	-112.0	450	QAL	0	0	0	0	62	42.9	1979	50	100	182	2.000	0.549	0.275	11.2	20.00
1050	40.6956	117.9299	-115.6	451	QAL	0	0	0	0	68	42.9	1996	53	117	158	2.208	0.741	0.335	11.1	20.00
1051	40.6952	117.9299	-115.8	453	QAL	0	0	0	0	65	43.0	1981	61	126	161	2.066	0.783	0.379	11.1	20.00
1052	40.6948	117.9299	-117.6	451	QAL	0	0	0	0	65	42.9	2014	37	181	159	4.892	1.138	0.233	11.1	20.00
1053	40.6944	117.9299	-120.0	442	QAL	0	0	0	0	72	42.7	2093	42	150	182	3.571	0.824	0.231	11.1	20.00
1054	40.6940	117.9299	-123.8	436	QAL	0	0	0	0	58	42.6	1998	55	157	146	2.855	1.075	0.377	11.2	20.00
1055	40.6936	117.9299	-125.1	438	QAL	0	0	0	0	60	42.6	2141	42	210	154	5.000	1.364	0.273	11.2	20.00
1056	40.6932	117.9299	-127.6	440	QAL	0	0	0	0	55	42.7	2032	50	126	169	2.520	0.746	0.296	11.2	20.00
1057	40.6928	117.9299	-127.0	448	QAL	0	0	0	0	61	42.8	2098	51	114	180	2.235	0.633	0.283	11.3	20.00
1058	40.6923	117.9299	-128.1	447	QAL	0	0	0	0	64	42.8	2067	66	150	133	2.273	1.128	0.496	11.2	20.00
1059	40.6919	117.9300	-129.6	444	QAL	0	0	0	0	59	42.7	2004	38	104	205	2.737	0.507	0.185	11.2	20.00
1060	40.6915	117.9300	-130.8	447	QAL	0	0	0	0	69	42.8	1985	38	191	154	5.026	1.240	0.247	11.2	20.00
1061	40.6910	117.9301	-132.6	448	QAL	0	0	0	0	61	42.8	1938	54	167	154	3.093	1.084	0.351	11.3	20.00
1062	40.6906	117.9301	-133.1	448	QAL	0	0	0	0	64	42.8	2028	50	155	156	3.100	0.994	0.321	11.3	20.00
1063	40.6902	117.9301	-135.1	447	QAL	0	0	0	0	70	47.0	1994	50	69	215	1.380	0.321	0.233	11.3	20.00
1064	40.6897	117.9302	-136.1	451	QAL	0	0	0	0	68	47.1	1983	35	98	212	2.800	0.462	0.165	11.3	20.00
1065	40.6893	117.9302	-137.6	455	QAL	0	0	0	0	66	47.2	1974	77	42	178	0.545	0.236	0.433	11.4	20.00
1066	40.6889	117.9303	-138.5	459	QAL	0	0	0	0	68	47.3	2072	39	95	205	2.436	0.463	0.190	11.3	20.00
1067	40.6885	117.9303	-141.5	456	QAL	0	0	0	0	58	47.2	2028	53	97	183	1.830	0.530	0.290	11.3	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1068	40.6880	117.9303	-142.8	453	QAL	0	0	0	0	68	47.2	2142	52	86	188	1.654	0.457	0.277	11.3	20.00
1069	40.6876	117.9304	-143.9	451	QAL	0	0	1	0	66	47.1	2121	62	5	247	0.081	0.020	0.251	11.3	20.00
1070	40.6872	117.9304	-144.4	442	QAL	0	0	0	0	75	46.9	2055	39	118	179	3.026	0.659	0.218	11.2	20.00
1071	40.6867	117.9304	-146.7	440	QAL	0	0	0	0	58	46.8	2120	55	136	198	2.473	0.687	0.278	11.3	20.00
1072	40.6863	117.9305	-148.2	441	QAL	0	0	0	0	65	46.9	2045	31	188	155	6.065	1.213	0.200	11.3	20.00
1073	40.6859	117.9305	-149.2	441	QAL	0	0	0	0	67	46.9	1997	39	202	136	5.179	1.485	0.287	11.4	20.00
1074	40.6854	117.9306	-150.4	444	QAL	0	0	0	0	63	46.9	2027	49	81	213	1.653	0.380	0.230	11.4	20.00
1075	40.6850	117.9306	-151.4	450	QAL	0	0	0	0	61	47.1	2084	65	44	234	0.677	0.188	0.278	11.5	20.00
1076	40.6846	117.9306	-151.1	453	QAL	0	0	0	0	73	47.2	2137	49	77	194	1.571	0.397	0.253	11.5	20.00
1077	40.6842	117.9307	-152.1	456	QAL	0	0	0	0	62	47.2	2169	46	118	204	2.565	0.578	0.225	11.5	20.00
1078	40.6837	117.9307	-153.2	453	QAL	0	0	0	0	62	47.2	2110	69	101	185	1.464	0.546	0.373	11.5	20.00
1079	40.6833	117.9308	-153.4	449	QAL	0	0	0	0	65	47.1	2131	59	132	186	2.237	0.710	0.317	11.5	20.00
1080	40.6829	117.9308	-155.5	446	QAL	0	0	0	0	64	47.0	2074	39	185	149	4.744	1.242	0.262	11.6	20.00
1081	40.6824	117.9308	-154.2	446	QAL	0	0	0	0	67	47.0	2113	52	119	190	2.288	0.626	0.274	11.6	20.00
1082	40.6820	117.9309	-153.2	444	QAL	0	0	0	0	61	53.9	2119	54	176	144	3.259	1.222	0.375	11.6	20.00
1083	40.6816	117.9309	-152.5	445	QAL	0	0	0	0	64	53.9	2096	66	98	215	1.485	0.456	0.307	11.6	20.00
1084	40.6811	117.9309	-150.5	448	QAL	0	0	0	0	58	54.0	2179	66	153	143	2.318	1.070	0.462	11.7	20.00
1085	40.6807	117.9310	-149.0	447	QAL	0	0	0	0	69	53.9	2115	62	89	182	1.435	0.489	0.341	11.7	20.00
1086	40.6803	117.9310	-145.8	446	QAL	0	0	0	0	61	53.9	1994	46	127	182	2.761	0.698	0.253	11.8	20.00
1087	40.6799	117.9311	-143.6	442	QAL	0	0	0	0	65	53.8	2120	45	156	169	3.467	0.923	0.266	11.8	20.00
1088	40.6794	117.9311	-139.9	439	QAL	0	0	0	0	77	53.7	2040	37	186	149	5.027	1.248	0.248	11.9	20.00
1089	40.6790	117.9311	-137.8	442	QAL	0	0	0	0	63	53.8	2129	51	137	207	2.686	0.662	0.246	11.9	20.00
1090	40.6786	117.9312	-134.3	446	QAL	0	0	0	0	65	53.9	2070	41	75	231	1.829	0.325	0.177	11.9	20.00
1091	40.6781	117.9312	-131.1	444	QAL	0	0	0	0	61	53.8	2070	56	100	197	1.786	0.508	0.284	11.9	20.00
1092	40.6777	117.9313	-125.8	446	QAL	0	0	0	0	60	53.9	2100	58	107	176	1.845	0.608	0.330	11.9	20.00
1093	40.6773	117.9313	-123.6	448	QAL	0	0	0	0	65	54.0	2176	50	82	173	1.640	0.474	0.289	11.9	20.00
1094	40.6768	117.9313	-120.6	443	QAL	0	0	0	0	66	53.8	2197	38	150	178	3.947	0.843	0.213	11.9	20.00
1095	40.6764	117.9314	-118.6	439	QAL	0	0	0	0	65	53.7	2147	49	115	197	2.347	0.584	0.249	11.9	20.00
1096	40.6760	117.9314	-117.5	432	QAL	0	0	0	0	63	53.5	2099	37	73	246	1.973	0.297	0.150	11.9	20.00
1097	40.6755	117.9314	-116.8	426	QAL	0	0	0	0	73	53.3	2107	65	72	189	1.108	0.381	0.344	12.0	20.00
1098	40.6751	117.9315	-117.6	422	QAL	0	0	0	0	59	53.2	2027	54	56	198	1.037	0.283	0.273	12.0	20.00
1099	40.6747	117.9315	-116.9	418	QAL	0	0	0	0	69	53.1	1923	28	104	191	3.714	0.545	0.147	12.0	20.00
1100	40.6743	117.9316	-118.6	416	QAL	0	0	0	0	61	53.0	2076	44	106	200	2.409	0.530	0.220	12.1	20.00
1101	40.6738	117.9316	-121.4	417	QAL	0	0	0	0	68	50.9	2048	44	130	160	2.955	0.813	0.275	12.1	20.00
1102	40.6734	117.9316	-123.2	414	QAL	0	0	0	0	59	50.8	2008	41	153	178	3.732	0.860	0.230	12.1	20.00
1103	40.6730	117.9317	-125.2	411	QAL	0	0	0	0	75	50.7	1956	49	52	200	1.061	0.260	0.245	12.2	20.00
1104	40.6725	117.9317	-128.9	414	QAL	0	0	0	0	64	50.8	2204	43	180	154	4.186	1.169	0.279	12.3	20.00
1105	40.6721	117.9318	-133.5	410	QAL	0	0	0	0	64	50.7	2216	63	125	196	1.984	0.638	0.321	12.3	20.00
1106	40.6717	117.9318	-135.5	406	QAL	0	0	0	0	63	50.6	2138	55	125	164	2.273	0.762	0.335	12.3	20.00
1107	40.6712	117.9318	-136.2	408	QAL	0	0	0	0	59	50.6	2078	47	152	175	3.234	0.869	0.269	12.3	20.00
1108	40.6708	117.9319	-137.7	409	QAL	0	0	0	0	74	50.6	2062	50	134	174	2.680	0.770	0.287	12.3	20.00
1109	40.6704	117.9319	-139.2	416	QAL	0	0	0	0	70	50.8	1966	45	96	194	2.133	0.495	0.232	12.4	20.00
1110	40.6700	117.9320	-139.9	423	QAL	0	0	0	0	59	51.1	2097	63	52	223	0.825	0.233	0.283	12.5	20.00
1111	40.6695	117.9320	-140.6	432	QAL	0	0	0	0	66	51.3	1951	54	100	160	1.852	0.625	0.337	12.5	20.00
1112	40.6691	117.9320	-141.5	441	QAL	0	0	0	0	69	51.6	2115	29	214	141	7.379	1.518	0.206	12.5	20.00
1113	40.6687	117.9321	-143.5	442	QAL	0	0	0	0	61	51.6	1998	41	119	172	2.902	0.692	0.238	12.4	20.00
1114	40.6682	117.9321	-144.5	442	QAL	0	0	0	0	63	51.6	1928	55	52	165	0.945	0.315	0.333	12.5	20.00
1115	40.6678	117.9321	-144.5	444	QAL	0	0	0	0	67	51.7	2007	60	68	193	1.133	0.352	0.311	12.5	20.00
1116	40.6674	117.9322	-145.3	440	QAL	0	0	0	0	69	51.6	1928	64	165	116	2.578	1.422	0.552	12.5	20.00
1117	40.6669	117.9322	-147.8	440	QAL	0	0	0	0	63	51.5	2000	54	129	170	2.389	0.759	0.318	12.6	20.00
1118	40.6665	117.9323	-150.0	449	QAL	0	0	0	0	62	51.8	1975	63	58	221	0.921	0.262	0.285	12.6	20.00
1119	40.6661	117.9323	-151.4	456	QAL	0	0	0	0	61	52.0	1965	65	171	108	2.631	1.583	0.602	12.7	20.00
1120	40.6657	117.9323	-152.1	462	QAL	0	0	0	0	61	50.2	2018	39	141	155	3.615	0.910	0.252	12.7	20.00
1121	40.6652	117.9324	-152.9	464	QAL	0	0	0	0	62	50.3	2002	49	103	206	2.102	0.500	0.238	12.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1122	40.6648	117.9324	-154.1	473	QAL	0	0	0	0	62	50.5	2010	40	90	203	2.250	0.443	0.197	12.7	20.00
1123	40.6644	117.9325	-155.3	482	QAL	0	0	0	0	63	50.7	2158	75	62	178	0.827	0.348	0.421	12.7	20.00
1124	40.6639	117.9325	-157.5	485	QAL	0	0	0	0	66	50.8	2030	41	169	102	4.122	1.657	0.402	12.6	20.00
1125	40.6635	117.9325	-158.7	487	QAL	0	0	0	0	64	50.9	2047	40	75	245	1.875	0.306	0.163	12.6	20.00
1126	40.6631	117.9326	-160.2	488	QAL	0	0	0	0	68	50.9	1978	42	122	161	2.905	0.758	0.261	12.5	20.00
1127	40.6626	117.9326	-162.0	487	QAL	0	0	0	0	57	50.9	1938	42	132	134	3.143	0.985	0.313	12.5	20.00
1128	40.6622	117.9326	-163.5	489	QAL	0	0	0	0	73	50.9	2027	55	107	172	1.945	0.622	0.320	12.5	20.00
1129	40.6618	117.9327	-165.3	486	QAL	0	0	0	0	66	50.8	1955	45	145	132	3.222	1.098	0.341	12.5	20.00
1130	40.6614	117.9327	-166.0	484	QAL	0	0	0	0	62	50.8	2016	52	167	119	3.212	1.403	0.437	12.5	20.00
1131	40.6609	117.9328	-169.4	471	QAL	0	0	0	0	60	50.4	2014	46	87	174	1.891	0.500	0.264	12.5	20.00
1132	40.6605	117.9328	-172.0	464	QAL	0	0	0	0	57	50.3	2090	49	100	181	2.041	0.552	0.271	12.5	20.00
1133	40.6601	117.9328	-174.8	456	QAL	0	0	0	0	63	50.0	2139	56	70	191	1.250	0.366	0.293	12.5	20.00
1134	40.6596	117.9329	-177.3	453	QAL	0	0	0	0	57	50.0	2097	54	89	163	1.648	0.546	0.331	12.5	20.00
1135	40.6592	117.9329	-178.3	452	QAL	0	0	0	0	69	49.9	2091	46	134	155	2.913	0.865	0.297	12.5	20.00
1136	40.6588	117.9330	-180.6	449	QAL	0	0	0	0	62	49.8	2143	58	71	181	1.224	0.392	0.320	12.5	20.00
1137	40.6583	117.9330	-182.9	439	QAL	0	0	0	0	63	49.6	2066	47	160	142	3.404	1.127	0.331	12.4	20.00
1138	40.6579	117.9330	-183.8	434	QAL	0	0	0	0	65	49.4	2052	62	69	213	1.113	0.324	0.291	12.3	20.00
1139	40.6575	117.9331	-185.0	432	QAL	0	0	0	0	58	46.1	2073	48	126	143	2.625	0.881	0.336	12.4	20.00
1140	40.6571	117.9331	-187.3	431	QAL	0	0	0	0	61	46.0	2109	67	113	160	1.687	0.706	0.419	12.4	20.00
1141	40.6566	117.9331	-188.6	430	QAL	0	0	0	0	69	46.0	2083	62	76	176	1.226	0.432	0.352	12.3	20.00
1142	40.6562	117.9332	-191.3	433	QAL	0	0	0	0	64	46.1	2052	69	165	86	2.391	1.919	0.802	12.3	20.00
1143	40.6558	117.9332	-193.6	432	QAL	0	0	0	0	67	46.1	2024	48	104	168	2.167	0.619	0.286	12.3	20.00
1144	40.6553	117.9333	-196.6	433	QAL	0	0	0	0	65	46.1	2081	41	131	192	3.195	0.682	0.214	12.4	20.00
1145	40.6549	117.9333	-197.3	438	QAL	0	0	0	0	63	46.2	2159	55	140	180	2.545	0.778	0.306	12.3	20.00
1146	40.6545	117.9333	-199.5	440	QAL	0	0	0	0	67	46.3	2155	45	145	176	3.222	0.824	0.256	12.3	20.00
1147	40.6540	117.9334	-200.8	439	QAL	0	0	0	0	66	46.2	2158	58	85	193	1.466	0.440	0.301	12.2	20.00
1148	40.6536	117.9334	-201.5	440	QAL	0	0	0	0	66	46.3	2029	60	111	181	1.850	0.613	0.331	12.2	20.00
1149	40.6532	117.9335	-202.3	437	QAL	0	0	0	0	63	46.2	2040	49	134	176	2.735	0.761	0.278	12.2	20.00
1150	40.6527	117.9335	-203.3	439	QAL	0	0	0	0	63	46.2	2039	43	182	161	4.233	1.130	0.267	12.1	20.00
1151	40.6523	117.9335	-205.3	441	QAL	0	0	0	0	67	46.3	1965	40	141	171	3.525	0.825	0.234	12.0	20.00
1152	40.6519	117.9336	-206.3	447	QAL	0	0	0	0	68	46.5	2097	55	129	153	2.434	0.843	0.346	12.1	20.00
1153	40.6515	117.9336	-207.2	451	QAL	0	0	0	0	68	46.6	1990	36	123	164	3.417	0.750	0.220	12.0	20.00
1154	40.6510	117.9337	-208.2	457	QAL	0	0	0	0	67	46.7	2142	64	81	192	1.266	0.422	0.333	12.0	20.00
1155	40.6506	117.9337	-209.4	460	QAL	0	0	0	0	63	46.8	1931	52	118	162	2.269	0.728	0.321	11.9	20.00
1156	40.6502	117.9337	-211.6	469	QAL	0	0	0	0	63	47.0	2035	49	67	198	1.367	0.338	0.247	11.9	20.00
1157	40.6497	117.9338	-212.3	473	QAL	0	0	0	0	70	47.1	1969	53	106	163	2.000	0.650	0.325	11.8	20.00
1158	40.6493	117.9338	-214.3	481	QAL	0	0	0	0	74	48.7	1932	48	99	167	2.063	0.593	0.287	11.8	20.00
1159	40.6489	117.9338	-214.5	487	QAL	0	0	0	0	72	48.9	2138	51	103	156	2.020	0.660	0.327	11.8	20.00
1160	40.6484	117.9339	-217.2	487	QAL	0	0	0	0	65	48.9	2012	43	115	162	2.674	0.710	0.265	11.6	20.00
1161	40.6480	117.9339	-218.7	487	QAL	0	0	0	0	57	48.9	1895	34	126	176	3.706	0.716	0.193	11.5	20.00
1162	40.6476	117.9340	-218.7	488	QAL	0	0	0	0	66	48.9	1893	66	61	135	0.924	0.452	0.489	11.5	20.00
1163	40.6472	117.9340	-222.7	489	QAL	0	0	0	0	59	48.9	1915	48	106	161	2.208	0.658	0.298	11.5	20.00
1164	40.6467	117.9340	-223.5	492	QAL	0	0	0	0	63	49.0	1916	47	70	160	1.489	0.438	0.294	11.5	20.00
1165	40.6463	117.9341	-223.7	490	QAL	0	0	0	0	68	48.9	1730	36	67	139	1.861	0.482	0.259	11.4	20.00
1166	40.6459	117.9341	-224.5	490	QAL	0	0	1	0	70	48.9	1893	56	18	167	0.321	0.108	0.335	11.3	20.00
1167	40.6454	117.9342	-225.5	489	QAL	0	0	0	0	62	48.9	1960	29	129	160	4.448	0.806	0.181	11.3	20.00
1168	40.6450	117.9342	-227.0	489	QAL	0	0	0	0	72	48.9	1894	35	120	145	3.429	0.828	0.241	11.2	20.00
1169	40.6446	117.9342	-229.3	489	QAL	0	0	0	0	66	48.9	2055	37	145	140	3.919	1.036	0.264	11.2	20.00
1170	40.6441	117.9343	-229.3	484	QAL	0	0	0	0	70	48.8	1996	46	76	175	1.652	0.434	0.263	11.1	20.00
1171	40.6437	117.9343	-230.8	483	QAL	0	0	0	0	65	48.8	1987	60	118	120	1.967	0.983	0.500	11.1	20.00
1172	40.6433	117.9343	-231.6	484	QAL	0	0	0	0	68	48.8	1949	50	77	156	1.540	0.494	0.321	11.1	20.00
1173	40.6429	117.9344	-231.9	479	QAL	0	0	0	0	66	48.7	1980	32	164	141	5.125	1.163	0.227	11.1	20.00
1174	40.6424	117.9344	-232.7	478	QAL	0	0	0	0	63	48.6	1977	67	85	133	1.269	0.639	0.504	11.0	20.00
1175	40.6420	117.9345	-234.2	475	QAL	0	0	0	0	66	48.6	2100	54	159	132	2.944	1.205	0.409	11.0	20.00

BP
0.00
0.00
0.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1230	40.6232	117.9344	-234.7	451	MI1	0	0	0	0	66	57.8	1753	34	99	138	2.912	0.717	0.246	8.8	20.00
1231	40.6229	117.9344	-238.8	478	MI1	0	0	0	0	67	58.7	1889	56	111	131	1.982	0.847	0.427	8.9	20.00
1232	40.6225	117.9343	-242.5	485	MI1	0	0	0	0	70	58.9	1963	42	142	174	3.381	0.816	0.241	8.9	20.00
1233	40.6222	117.9343	-247.7	473	MI1	0	0	0	0	69	58.5	1944	43	111	162	2.581	0.685	0.265	8.9	20.00
1234	40.6219	117.9343	-249.5	420	MI1	0	0	0	0	63	68.7	1896	46	91	148	1.978	0.615	0.311	8.8	20.00
1235	40.6216	117.9343	-251.0	393	MI1	0	0	0	0	73	67.6	1786	32	94	163	2.938	0.577	0.196	8.8	20.00
1236	40.6212	117.9343	-254.4	385	MI1	0	0	0	0	72	67.3	1853	44	118	149	2.682	0.792	0.295	8.8	20.00
1237	40.6209	117.9343	-255.1	375	MI1	0	0	0	0	81	66.9	1844	50	42	190	0.840	0.221	0.263	8.8	20.00
1238	40.6206	117.9343	-256.1	349	MI1	0	0	0	0	76	65.8	1735	39	110	127	2.821	0.866	0.307	8.8	20.00
1239	40.6203	117.9343	-254.2	311	MI1	0	0	0	0	57	64.2	1746	51	125	116	2.451	1.078	0.440	8.8	20.00
1240	40.6199	117.9343	-247.8	289	MI1	0	0	0	0	66	63.2	1671	32	111	163	3.469	0.681	0.196	8.8	20.00
1241	40.6196	117.9343	-239.8	290	MI1	0	0	0	0	63	63.3	1725	53	72	140	1.358	0.514	0.379	8.8	20.00
1242	40.6193	117.9342	-236.3	307	MI1	0	0	0	0	66	64.0	1682	54	153	87	2.833	1.759	0.621	8.8	20.00
1243	40.6190	117.9342	-234.3	338	MI1	0	0	0	0	79	65.4	1782	38	127	116	3.342	1.095	0.328	8.8	20.00
1244	40.6187	117.9342	-241.3	380	MI1	0	0	0	0	74	67.1	1869	48	87	157	1.813	0.554	0.306	8.8	20.00
1245	40.6183	117.9342	-250.0	426	MI1	0	0	0	0	66	68.9	1968	38	87	189	2.289	0.460	0.201	8.8	20.00
1246	40.6180	117.9342	-263.5	462	MI1	0	0	0	0	75	70.3	2121	69	114	166	1.652	0.687	0.416	8.7	20.00
1247	40.6177	117.9342	-268.1	467	MI1	0	0	0	0	71	70.5	2235	81	80	177	0.988	0.452	0.458	8.7	20.00
1248	40.6174	117.9342	-273.0	396	MI1	0	0	0	0	68	67.7	2062	67	127	149	1.896	0.852	0.450	8.7	20.00
1249	40.6170	117.9342	-277.9	353	MI1	0	0	0	0	63	66.0	2083	72	116	121	1.611	0.959	0.595	8.7	20.00
1250	40.6167	117.9342	-281.0	353	MI1	0	0	0	0	70	66.0	2102	61	83	179	1.361	0.464	0.341	8.8	20.00
1251	40.6164	117.9342	-285.0	354	MI1	0	0	0	0	80	66.0	2001	48	108	166	2.250	0.651	0.289	8.7	20.00
1252	40.6161	117.9342	-285.8	334	MI1	0	0	0	0	68	65.2	2031	81	107	127	1.321	0.843	0.638	8.7	20.00
1253	40.6157	117.9341	-284.0	315	MI1	0	0	0	0	73	60.8	1879	64	133	118	2.078	1.127	0.542	8.7	20.00
1254	40.6154	117.9341	-282.4	302	MI1	0	0	0	0	71	60.3	1806	46	136	125	2.957	1.088	0.368	8.7	20.00
1255	40.6151	117.9341	-280.6	290	MI1	0	0	0	0	74	59.8	1846	68	103	116	1.515	0.888	0.586	8.7	20.00
1256	40.6148	117.9341	-276.8	278	MI1	0	0	0	0	77	59.3	1802	47	184	101	3.915	1.822	0.465	8.6	20.00
1257	40.6144	117.9341	-267.2	270	MI1	0	0	0	0	74	59.0	1839	66	83	168	1.258	0.494	0.393	8.7	20.00
1258	40.6141	117.9341	-256.5	276	MI1	0	0	0	0	78	59.2	1760	52	76	130	1.462	0.585	0.400	8.7	20.00
1259	40.6138	117.9341	-228.9	296	MI1	0	0	0	0	79	60.1	1965	45	113	183	2.511	0.617	0.246	8.7	20.00
1260	40.6135	117.9341	-218.2	329	MI1	0	0	0	0	74	61.4	1895	56	98	150	1.750	0.653	0.373	8.7	20.00
1261	40.6131	117.9341	-214.4	375	MI1	0	0	0	0	74	63.3	1976	54	85	190	1.574	0.447	0.284	8.7	20.00
1262	40.6128	117.9341	-216.8	426	MI1	0	0	0	0	66	65.2	2067	49	139	175	2.837	0.794	0.280	8.7	20.00
1263	40.6125	117.9340	-224.2	475	MI1	0	0	0	0	69	66.9	2210	53	111	191	2.094	0.581	0.277	8.7	20.00
1264	40.6122	117.9340	-229.4	488	MI1	0	0	0	0	81	67.4	2251	61	114	181	1.869	0.630	0.337	8.7	20.00
1265	40.6118	117.9340	-234.1	477	MI1	0	0	0	0	78	67.0	2133	47	130	172	2.766	0.756	0.273	8.7	20.00
1266	40.6115	117.9340	-237.7	439	MI1	0	0	0	0	73	65.7	2188	65	104	142	1.600	0.732	0.458	8.6	20.00
1267	40.6112	117.9340	-237.6	403	MI1	0	0	0	0	75	64.3	2066	56	67	200	1.196	0.335	0.280	8.6	20.00
1268	40.6109	117.9340	-235.2	376	MI1	0	0	0	0	70	63.3	1997	65	135	141	2.077	0.957	0.461	8.6	20.00
1269	40.6105	117.9340	-232.3	342	MI1	0	0	0	0	74	61.9	2014	52	124	159	2.385	0.780	0.327	8.6	20.00
1270	40.6102	117.9340	-226.9	306	MI1	0	0	0	0	72	60.5	1915	53	127	168	2.396	0.756	0.315	8.5	20.00
1271	40.6099	117.9340	-221.5	271	MI1	0	0	0	0	69	59.0	1834	47	120	148	2.553	0.811	0.318	8.5	20.00
1272	40.6096	117.9340	-198.4	254	MI1	0	0	0	0	64	52.6	1853	59	97	138	1.644	0.703	0.428	8.5	20.00
1273	40.6092	117.9339	-199.4	268	MI1	0	0	0	0	81	53.2	1953	79	48	159	0.608	0.302	0.497	8.5	20.00
1274	40.6089	117.9339	-209.5	290	MI1	0	0	0	0	76	54.0	1873	56	124	129	2.214	0.961	0.434	8.5	20.00
1275	40.6086	117.9339	-219.0	304	MI1	0	0	0	0	71	54.6	1922	45	85	181	1.889	0.470	0.249	8.4	20.00
1276	40.6083	117.9339	-222.5	310	MI1	0	0	0	0	59	54.8	1833	41	131	173	3.195	0.757	0.237	8.4	20.00
1277	40.6079	117.9339	-220.1	314	MI1	0	0	0	0	77	54.9	1892	40	92	168	2.300	0.548	0.238	8.4	20.00
1278	40.6076	117.9339	-215.0	329	MI1	0	0	0	0	74	55.5	1801	58	41	150	0.707	0.273	0.387	8.4	20.00
1279	40.6073	117.9339	-209.3	367	MI1	0	0	0	0	75	56.9	1840	65	75	125	1.154	0.600	0.520	8.3	20.00
1280	40.6070	117.9339	-207.0	412	MI1	0	0	0	0	82	58.4	1811	37	83	151	2.243	0.550	0.245	8.3	20.00
1281	40.6066	117.9339	-206.4	462	MI1	0	0	0	0	73	60.1	1855	38	66	186	1.737	0.355	0.204	8.3	20.00
1282	40.6063	117.9339	-208.5	489	MI1	0	0	0	0	71	60.9	1796	32	123	111	3.844	1.108	0.288	8.3	20.00
1283	40.6060	117.9338	-213.3	496	MI1	0	0	0	0	74	61.1	1719	29	106	98	3.655	1.082	0.296	8.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1284	40.6057	117.9338	-217.5	544	MI1	0	0	0	0	85	62.6	1614	23	78	115	3.391	0.678	0.200	8.3	20.00
1285	40.6053	117.9338	-228.9	588	MI1	0	0	0	0	73	63.8	1633	39	59	87	1.513	0.678	0.448	8.3	20.00
1286	40.6050	117.9338	-233.9	629	MI1	0	0	0	0	71	64.9	1819	18	104	138	5.778	0.754	0.130	8.3	20.00
1287	40.6047	117.9338	-240.6	672	MI1	0	0	0	0	76	66.0	1665	26	67	101	2.577	0.663	0.257	8.3	20.00
1288	40.6044	117.9338	-246.6	716	MI1	1	0	0	0	72	67.1	1905	27	48	122	1.778	0.393	0.221	8.4	20.00
1289	40.6040	117.9338	-251.5	734	MI1	1	0	1	0	73	67.6	1916	47	8	122	0.170	0.066	0.385	8.4	20.00
1290	40.6037	117.9338	-256.3	738	MI1	1	0	0	0	79	67.6	1889	31	60	134	1.935	0.448	0.231	8.4	20.00
1291	40.6034	117.9338	-261.3	692	MI1	0	0	0	0	72	61.5	1838	27	106	99	3.926	1.071	0.273	8.3	20.00
1292	40.6031	117.9338	-264.8	637	MI1	0	0	0	0	69	60.2	1697	33	72	142	2.182	0.507	0.232	8.3	20.00
1293	40.6025	117.9338	-268.6	597	MI1	0	0	0	0	73	59.2	1888	32	98	89	3.063	1.101	0.360	8.3	20.00
1294	40.6020	117.9338	-272.1	558	MI1	0	0	0	0	73	58.2	1785	38	52	130	1.368	0.400	0.292	8.2	20.00
1295	40.6015	117.9338	-274.8	501	MI1	0	0	0	0	70	56.7	1683	43	103	96	2.395	1.073	0.448	8.2	20.00
1296	40.6010	117.9338	-276.6	490	MI1	0	0	0	0	66	56.3	1661	48	27	134	0.563	0.201	0.358	8.1	20.00
1297	40.6004	117.9338	-276.3	457	MI1	0	0	0	0	81	55.4	1652	41	46	139	1.122	0.331	0.295	8.1	20.00
1298	40.5999	117.9339	-273.7	407	MI1	0	0	0	0	75	53.9	1757	59	80	80	1.356	1.000	0.737	8.1	20.00
1299	40.5994	117.9339	-270.7	403	MI1	0	0	0	0	70	53.7	1598	29	148	70	5.103	2.114	0.414	8.1	20.00
1300	40.5988	117.9339	-267.5	425	MI1	0	0	0	0	69	54.4	1703	29	140	111	4.828	1.261	0.261	8.1	20.00
1301	40.5983	117.9339	-265.2	449	MI1	0	0	0	0	75	55.1	1816	38	140	121	3.684	1.157	0.314	8.0	20.00
1302	40.5978	117.9339	-265.3	465	MI1	0	0	0	0	76	55.6	1677	41	49	125	1.195	0.392	0.328	8.0	20.00
1303	40.5972	117.9339	-264.8	481	MI1	0	0	0	0	72	56.1	1656	43	48	147	1.116	0.327	0.293	8.0	20.00
1304	40.5967	117.9340	-265.2	491	MI1	0	0	0	0	75	56.4	1650	25	123	106	4.920	1.160	0.236	8.0	20.00
1305	40.5962	117.9340	-266.6	498	MI1	0	0	0	0	64	56.6	1619	37	87	105	2.351	0.829	0.352	8.0	20.00
1306	40.5956	117.9340	-267.7	544	MI1	0	0	0	0	77	57.9	1681	37	56	142	1.514	0.394	0.261	8.0	20.00
1307	40.5951	117.9340	-268.7	575	MI1	0	0	0	0	68	58.7	1922	43	93	129	2.163	0.721	0.333	8.0	20.00
1308	40.5946	117.9340	-267.3	581	MI1	0	0	0	0	75	58.8	1796	27	113	108	4.185	1.046	0.250	8.0	20.00
1309	40.5941	117.9341	-266.2	561	MI1	0	0	0	0	71	58.3	1821	36	134	117	3.722	1.145	0.308	8.0	20.00
1310	40.5935	117.9341	-270.9	499	MI1	0	0	0	0	71	56.0	1831	44	130	85	2.955	1.529	0.518	8.0	20.00
1311	40.5930	117.9341	-269.4	493	MI1	0	0	0	0	77	55.8	1822	49	56	166	1.143	0.337	0.295	7.9	20.00
1312	40.5925	117.9341	-271.9	490	MI1	0	0	0	0	82	55.7	1972	56	81	142	1.446	0.570	0.394	7.9	20.00
1313	40.5919	117.9341	-275.1	490	MI1	0	0	0	0	81	55.8	2080	48	83	184	1.729	0.451	0.261	7.9	20.00
1314	40.5914	117.9341	-277.0	493	MI1	0	0	0	0	69	55.8	2103	70	89	149	1.271	0.597	0.470	7.8	20.00
1315	40.5909	117.9342	-279.5	496	MI1	0	0	0	0	78	55.9	2066	47	185	106	3.936	1.745	0.443	7.8	20.00
1316	40.5903	117.9342	-282.9	495	MI1	0	0	0	0	69	55.9	2071	57	148	128	2.596	1.156	0.445	7.8	20.00
1317	40.5898	117.9342	-285.1	493	MI1	0	0	0	0	66	55.8	2092	58	68	178	1.172	0.382	0.326	7.8	20.00
1318	40.5893	117.9342	-288.7	487	MI1	0	0	0	0	72	55.7	2083	36	175	168	4.861	1.042	0.214	7.8	20.00
1319	40.5887	117.9342	-291.2	453	MI1	0	0	0	0	69	54.7	2005	44	95	175	1.939	0.543	0.280	7.7	20.00
1320	40.5882	117.9342	-294.7	409	OV2	0	0	0	0	65	53.3	1905	62	80	158	1.290	0.506	0.392	7.8	20.00
1321	40.5877	117.9343	-295.1	385	OV2	0	0	0	0	83	52.6	1906	32	129	165	4.031	0.782	0.194	7.8	20.00
1322	40.5872	117.9343	-297.2	372	OV2	0	0	0	0	75	52.2	1876	58	135	97	2.328	1.392	0.598	7.8	20.00
1323	40.5866	117.9343	-297.5	361	OV2	0	0	0	0	81	51.8	1862	55	80	144	1.455	0.556	0.382	7.8	20.00
1324	40.5861	117.9343	-299.5	351	OV2	0	0	0	0	80	51.5	2024	63	57	162	0.905	0.352	0.389	7.8	20.00
1325	40.5856	117.9343	-299.1	330	OV2	0	0	0	0	78	50.8	2128	60	91	197	1.517	0.462	0.305	7.8	20.00
1326	40.5850	117.9343	-296.3	303	OV2	0	0	0	0	92	49.9	2033	63	157	134	2.492	1.172	0.470	7.8	20.00
1327	40.5845	117.9344	-289.9	287	OV2	0	0	0	0	69	49.3	1970	70	101	145	1.443	0.697	0.483	7.8	20.00
1328	40.5840	117.9344	-283.1	287	OV2	0	0	0	0	74	49.3	2085	71	55	198	0.775	0.278	0.359	7.8	20.00
1329	40.5834	117.9344	-271.7	300	OV2	0	0	0	0	85	41.8	2086	63	108	208	1.714	0.519	0.303	7.8	20.00
1330	40.5829	117.9344	-257.0	322	OV2	0	0	0	0	72	42.4	2072	68	96	236	1.412	0.407	0.288	7.8	20.00
1331	40.5824	117.9344	-247.4	354	OV2	0	0	0	0	73	43.3	2110	57	151	180	2.649	0.839	0.317	7.8	20.00
1332	40.5818	117.9344	-243.8	400	OV2	0	0	0	0	80	44.6	2097	66	124	153	1.879	0.810	0.431	7.9	20.00
1333	40.5813	117.9345	-245.5	455	OV2	0	0	0	0	73	46.0	2140	46	119	155	2.587	0.768	0.297	7.8	20.00
1334	40.5808	117.9345	-250.2	492	OV2	0	0	0	0	81	46.9	2149	56	132	171	2.357	0.772	0.327	7.9	20.00
1335	40.5803	117.9345	-254.5	507	OV2	0	0	0	0	75	47.2	1939	34	153	136	4.500	1.125	0.250	7.9	20.00
1336	40.5797	117.9345	-259.3	557	OV2	0	0	0	0	74	48.4	2123	64	78	165	1.219	0.473	0.388	7.9	20.00
1337	40.5792	117.9345	-259.9	573	OV2	0	0	0	0	63	48.7	2119	62	72	157	1.161	0.459	0.395	7.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1338	40.5787	117.9345	-259.8	572	OV2	0	0	0	0	73	48.7	2064	30	167	110	5.567	1.518	0.273	7.8	20.00
1339	40.5781	117.9346	-259.2	550	OV2	0	0	1	0	82	48.2	1810	63	9	154	0.143	0.058	0.409	7.8	20.00
1340	40.5776	117.9346	-259.9	556	OV2	0	0	0	0	72	48.3	1720	48	95	95	1.979	1.000	0.505	7.8	20.00
1341	40.5771	117.9346	-261.9	575	OV2	0	0	0	0	73	48.7	1832	36	135	98	3.750	1.378	0.367	7.8	20.00
1342	40.5765	117.9346	-263.2	603	OV2	0	0	0	0	88	49.3	1793	20	97	146	4.850	0.664	0.137	7.8	20.00
1343	40.5760	117.9346	-266.7	626	OV2	0	0	0	0	79	49.8	1877	37	92	170	2.486	0.541	0.218	7.8	20.00
1344	40.5755	117.9346	-269.1	634	OV2	0	0	0	0	77	50.0	1756	30	127	101	4.233	1.257	0.297	7.8	20.00
1345	40.5750	117.9347	-271.6	591	OV2	0	0	0	0	75	49.1	1832	49	62	124	1.265	0.500	0.395	7.8	20.00
1346	40.5744	117.9347	-272.8	503	OV2	0	0	0	0	91	47.1	1501	20	119	122	5.950	0.975	0.164	7.8	20.00
1347	40.5739	117.9347	-273.4	494	OV2	0	0	0	0	81	46.9	1565	33	119	94	3.606	1.266	0.351	7.9	20.00
1348	40.5734	117.9347	-273.9	488	OV2	0	0	0	0	72	41.5	1592	32	92	121	2.875	0.760	0.264	7.9	20.00
1349	40.5728	117.9347	-274.5	461	OV2	0	0	0	0	73	40.9	1579	62	34	86	0.548	0.395	0.721	8.0	20.00
1350	40.5723	117.9347	-275.2	439	OV2	0	0	0	0	85	40.4	1446	16	109	83	6.813	1.313	0.193	8.0	20.00
1351	40.5718	117.9348	-275.4	409	OV2	0	0	0	0	80	39.7	1472	11	182	55	16.545	3.309	0.200	8.0	20.00
1352	40.5712	117.9348	-276.6	373	OV2	0	0	0	0	85	38.9	1343	34	54	69	1.588	0.783	0.493	8.0	20.00
1353	40.5707	117.9348	-277.0	352	OV2	0	0	0	0	88	38.4	1369	18	73	111	4.056	0.658	0.162	8.0	20.00
1354	40.5702	117.9348	-275.8	341	OV2	0	0	0	0	83	38.1	1491	19	143	67	7.526	2.134	0.284	8.0	20.00
1355	40.5696	117.9348	-275.1	333	OV2	0	0	0	0	67	37.9	1471	41	136	60	3.317	2.267	0.683	8.0	20.00
1356	40.5691	117.9349	-275.4	324	OV2	0	0	0	0	75	37.7	1552	37	126	105	3.405	1.200	0.352	8.0	20.00
1357	40.5686	117.9349	-274.4	308	OV2	0	0	0	0	75	37.3	1573	37	79	146	2.135	0.541	0.253	8.0	20.00
1358	40.5681	117.9349	-273.5	297	OV2	0	0	0	0	79	37.0	1571	26	143	93	5.500	1.538	0.280	8.0	20.00
1359	40.5675	117.9349	-274.0	284	OV2	0	0	0	0	85	36.6	1640	36	125	147	3.472	0.850	0.245	8.0	20.00
1360	40.5670	117.9349	-272.6	268	OV2	0	0	0	0	72	36.2	1497	40	110	103	2.750	1.068	0.388	8.0	20.00
1361	40.5665	117.9349	-273.0	249	OV2	0	0	0	0	86	35.7	1558	30	132	120	4.400	1.100	0.250	8.1	20.00
1362	40.5659	117.9350	-272.3	241	OV2	0	0	0	0	81	35.5	1600	49	137	72	2.796	1.903	0.681	8.1	20.00
1363	40.5654	117.9350	-272.4	246	OV2	0	0	0	0	82	35.6	1459	30	70	128	2.333	0.547	0.234	8.1	20.00
1364	40.5649	117.9350	-272.8	259	OV2	0	0	0	0	87	36.0	1510	30	26	155	0.867	0.168	0.194	8.1	20.00
1365	40.5643	117.9350	-270.7	260	OV2	0	0	0	0	75	36.0	1522	45	81	115	1.800	0.704	0.391	8.2	20.00
1366	40.5638	117.9350	-274.8	243	OV2	0	0	0	0	80	35.5	1574	33	116	114	3.515	1.018	0.289	8.3	20.00
1367	40.5633	117.9350	-274.9	227	OV2	0	0	0	0	88	34.6	1573	36	86	136	2.389	0.632	0.265	8.3	20.00
1368	40.5627	117.9351	-277.0	209	OV2	0	0	0	0	87	34.0	1553	27	128	124	4.741	1.032	0.218	8.3	20.00
1369	40.5622	117.9351	-280.1	197	OV2	0	0	0	0	84	33.7	1474	28	99	120	3.536	0.825	0.233	8.3	20.00
1370	40.5617	117.9351	-277.6	190	OV2	0	0	0	0	91	33.5	1431	30	98	115	3.267	0.852	0.261	8.3	20.00
1371	40.5612	117.9351	-279.4	203	OV2	0	0	0	0	84	33.9	1371	20	126	107	6.300	1.178	0.187	8.3	20.00
1372	40.5606	117.9351	-280.6	235	OV2	0	0	0	0	83	34.8	1502	27	148	90	5.481	1.644	0.300	8.3	20.00
1373	40.5601	117.9351	-279.9	259	OV2	0	0	0	0	91	35.4	1685	36	119	121	3.306	0.983	0.298	8.3	20.00
1374	40.5596	117.9352	-281.7	273	OV2	0	0	0	0	96	35.8	1759	46	141	110	3.065	1.282	0.418	8.2	20.00
1375	40.5590	117.9352	-280.5	265	OV2	0	0	0	0	88	35.6	1738	50	106	119	2.120	0.891	0.420	8.2	20.00
1376	40.5585	117.9352	-278.1	246	OV2	0	0	0	0	87	35.1	1552	31	102	129	3.290	0.791	0.240	8.2	20.00
1377	40.5580	117.9352	-274.1	239	OV2	0	0	0	0	85	34.9	1473	29	100	118	3.448	0.847	0.246	8.2	20.00
1378	40.5574	117.9352	-270.6	238	OV2	0	0	0	0	88	34.8	1476	35	113	131	3.229	0.863	0.267	8.2	20.00
1379	40.5569	117.9352	-267.5	246	OV2	0	0	0	0	85	35.1	1484	36	71	109	1.972	0.651	0.330	8.3	20.00
1380	40.5564	117.9353	-264.1	263	OV2	0	0	0	0	93	35.5	1384	23	99	110	4.304	0.900	0.209	8.3	20.00
1381	40.5558	117.9353	-262.4	278	OV2	0	0	0	0	89	35.9	1507	14	133	116	9.500	1.147	0.121	8.3	20.00
1382	40.5553	117.9353	-263.1	281	OV2	0	0	0	0	94	36.0	1486	28	86	99	3.071	0.869	0.283	8.3	20.00
1383	40.5548	117.9353	-264.4	271	OV2	0	0	0	0	85	35.7	1427	21	105	110	5.000	0.955	0.191	8.3	20.00
1384	40.5543	117.9353	-268.1	265	OV2	0	0	0	0	94	35.6	1404	24	114	105	4.750	1.086	0.229	8.3	20.00
1385	40.5537	117.9353	-267.1	257	OV2	0	0	0	0	99	35.4	1332	25	72	98	2.880	0.735	0.255	8.3	20.00
1386	40.5532	117.9354	-260.4	250	OV2	0	0	0	0	90	35.7	1267	18	50	107	2.778	0.467	0.168	8.3	20.00
1387	40.5527	117.9354	-246.7	272	OV2	0	0	0	0	79	36.3	1194	15	67	95	4.467	0.705	0.158	8.3	20.00
1388	40.5521	117.9354	-220.8	311	OV2	0	0	0	0	82	37.3	1337	36	51	65	1.417	0.785	0.554	8.3	20.00
1389	40.5516	117.9354	-223.5	345	OV2	0	0	0	0	85	38.2	1365	23	38	107	1.652	0.355	0.215	8.3	20.00
1390	40.5511	117.9354	-233.2	381	OV2	0	0	0	0	76	39.0	1352	22	93	76	4.227	1.224	0.289	8.2	20.00
1391	40.5505	117.9354	-243.1	417	OV2	0	0	0	0	97	39.9	1417	35	58	64	1.657	0.906	0.547	8.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1392	40.5500	117.9355	-250.9	456	OV2	0	0	0	0	96	40.8	1473	21	70	98	3.333	0.714	0.214	8.2	20.00
1393	40.5495	117.9355	-256.7	485	OV2	0	0	0	0	86	41.4	1446	35	49	100	1.400	0.490	0.350	8.2	20.00
1394	40.5490	117.9355	-262.0	496	OV2	0	0	0	0	89	41.6	1549	18	167	41	9.278	4.073	0.439	8.3	20.00
1395	40.5484	117.9355	-264.7	505	OV2	0	0	0	0	84	41.8	1589	25	116	62	4.640	1.871	0.403	8.3	20.00
1396	40.5479	117.9355	-267.4	532	OV2	0	0	0	0	79	42.3	1632	32	119	74	3.719	1.608	0.432	8.3	20.00
1397	40.5474	117.9355	-268.5	543	OV2	0	0	1	0	78	42.5	1673	39	21	157	0.538	0.134	0.248	8.2	20.00
1398	40.5468	117.9356	-270.7	574	OV2	0	0	0	0	82	43.2	1720	37	40	122	1.081	0.328	0.303	8.2	20.00
1399	40.5463	117.9356	-271.2	597	OV2	0	0	0	0	86	43.6	1777	22	97	118	4.409	0.822	0.186	8.2	20.00
1400	40.5458	117.9356	-273.2	603	OV2	0	0	0	0	82	43.7	1828	26	84	115	3.231	0.730	0.226	8.2	20.00
1401	40.5452	117.9356	-274.3	602	OV2	0	0	0	0	80	43.7	1819	29	183	39	6.310	4.692	0.744	8.2	20.00
1402	40.5447	117.9356	-275.3	605	OV2	0	0	0	0	80	43.7	1761	39	60	146	1.538	0.411	0.267	8.1	20.00
1403	40.5442	117.9357	-277.2	581	OV2	0	0	0	0	83	43.3	1720	45	82	135	1.822	0.607	0.333	8.1	20.00
1404	40.5436	117.9357	-277.7	546	OV2	0	0	1	0	86	42.6	1716	40	8	170	0.200	0.047	0.235	8.1	20.00
1405	40.5431	117.9357	-276.6	525	OV2	0	0	0	0	103	35.4	1664	26	117	102	4.500	1.147	0.255	8.1	20.00
1406	40.5426	117.9357	-276.7	500	OV2	0	0	0	0	79	34.9	1494	33	54	95	1.636	0.568	0.347	8.2	20.00
1407	40.5421	117.9357	-275.5	521	OV2	0	0	0	0	82	35.3	1594	32	60	109	1.875	0.550	0.294	8.3	20.00
1408	40.5415	117.9357	-274.8	544	OV2	0	0	0	0	84	35.7	1648	27	73	113	2.704	0.646	0.239	8.2	20.00
1409	40.5410	117.9358	-273.7	574	OV2	0	0	0	0	77	36.2	1697	22	80	144	3.636	0.556	0.153	8.2	20.00
1410	40.5405	117.9358	-274.3	597	OV2	0	0	0	0	81	36.6	1642	32	93	113	2.906	0.823	0.283	8.2	20.00
1411	40.5399	117.9358	-275.1	613	OV2	0	0	0	0	81	36.8	1715	29	115	65	3.966	1.769	0.446	8.2	20.00
1412	40.5394	117.9358	-275.1	638	OV2	0	0	0	0	75	37.2	1662	18	88	111	4.889	0.793	0.162	8.2	20.00
1413	40.5389	117.9358	-275.9	661	OV2	0	0	0	0	92	37.5	1761	29	71	107	2.448	0.664	0.271	8.1	20.00
1414	40.5383	117.9358	-276.3	691	OV2	0	0	0	0	85	38.0	1962	35	55	147	1.571	0.374	0.238	8.1	20.00
1415	40.5378	117.9359	-276.3	724	OV2	1	0	0	0	84	38.4	1902	33	99	125	3.000	0.792	0.264	8.0	20.00
1416	40.5373	117.9359	-275.6	737	OV2	1	0	0	0	68	38.6	1906	48	79	115	1.646	0.687	0.417	7.9	20.00
1417	40.5367	117.9359	-276.3	771	OV2	1	0	0	0	85	39.0	1965	26	101	127	3.885	0.795	0.205	7.9	20.00
1418	40.5362	117.9359	-275.9	786	OV2	1	0	0	0	81	39.2	1819	26	105	120	4.038	0.875	0.217	7.8	20.00
1419	40.5357	117.9359	-276.3	785	OV2	1	0	0	0	76	39.2	1821	35	112	103	3.200	1.087	0.340	7.8	20.00
1420	40.5352	117.9359	-275.3	753	OV2	1	0	0	0	78	38.8	1841	40	54	133	1.350	0.406	0.301	7.8	20.00
1421	40.5346	117.9360	-274.9	680	OV2	0	0	0	0	81	37.8	1748	35	142	79	4.057	1.797	0.443	7.7	20.00
1422	40.5341	117.9360	-274.9	645	OV2	0	0	0	0	78	37.3	1732	39	101	99	2.590	1.020	0.394	7.8	20.00
1423	40.5336	117.9360	-272.1	643	OV2	0	0	0	0	81	37.3	1747	30	75	163	2.500	0.460	0.184	7.7	20.00
1424	40.5330	117.9360	-270.7	657	OV2	0	0	0	0	88	37.4	1782	20	47	165	2.350	0.285	0.121	7.7	20.00
1425	40.5325	117.9360	-267.9	685	OV2	0	0	0	0	79	37.8	1723	26	110	84	4.231	1.310	0.310	7.7	20.00
1426	40.5320	117.9360	-267.2	697	OV2	0	0	0	0	88	38.0	1963	25	104	125	4.160	0.832	0.200	7.7	20.00
1427	40.5314	117.9361	-267.9	703	OV2	1	0	0	0	82	38.1	1882	20	134	115	6.700	1.165	0.174	7.7	20.00
1428	40.5309	117.9361	-268.3	708	OV2	1	0	0	0	93	38.1	1952	36	173	74	4.806	2.338	0.486	7.7	20.00
1429	40.5304	117.9361	-268.7	723	OV2	1	0	0	0	85	38.4	2045	23	118	184	5.130	0.641	0.125	7.7	20.00
1430	40.5298	117.9361	-270.6	721	OV2	1	0	0	0	83	38.3	1965	49	110	83	2.245	1.325	0.590	7.6	20.00
1431	40.5293	117.9361	-274.1	721	OV2	1	0	0	0	88	38.3	1950	32	120	123	3.750	0.976	0.260	7.6	20.00
1432	40.5288	117.9361	-276.1	714	OV2	1	0	0	0	74	38.2	1914	24	193	57	8.042	3.386	0.421	7.6	20.00
1433	40.5283	117.9362	-279.1	701	OV2	1	0	0	0	86	38.0	1983	47	129	117	2.745	1.103	0.402	7.6	20.00
1434	40.5277	117.9362	-280.4	692	OV2	0	0	0	0	79	37.9	1829	31	68	141	2.194	0.482	0.220	7.5	20.00
1435	40.5272	117.9362	-283.4	686	OV2	0	0	0	0	79	37.8	1923	36	105	111	2.917	0.946	0.324	7.5	20.00
1436	40.5267	117.9362	-285.5	672	OV2	0	0	0	0	87	37.6	1860	22	114	116	5.182	0.983	0.190	7.5	20.00
1437	40.5261	117.9362	-289.3	660	OV2	0	0	0	0	77	37.5	1878	19	158	76	8.316	2.079	0.250	7.4	20.00
1438	40.5256	117.9362	-292.4	673	OV2	0	0	0	0	79	37.6	1844	46	95	91	2.065	1.044	0.505	7.3	20.00
1439	40.5251	117.9363	-294.2	668	OV2	0	0	0	0	87	37.6	1864	33	66	143	2.000	0.462	0.231	7.3	20.00
1440	40.5245	117.9363	-295.2	660	OV2	0	0	0	0	87	37.5	1768	38	107	86	2.816	1.244	0.442	7.2	20.00
1441	40.5240	117.9363	-295.2	651	OV2	0	0	0	0	94	37.3	1676	19	120	114	6.316	1.053	0.167	7.2	20.00
1442	40.5235	117.9363	-293.7	644	OV2	0	0	0	0	88	37.2	1799	20	162	63	8.100	2.571	0.317	7.2	20.00
1443	40.5229	117.9363	-294.3	626	OV2	0	0	0	0	85	41.3	1753	42	62	131	1.476	0.473	0.321	7.1	20.00
1444	40.5224	117.9363	-292.9	614	OV2	0	0	0	0	85	41.1	1728	25	70	93	2.800	0.753	0.269	7.1	20.00
1445	40.5219	117.9364	-293.0	597	OV2	0	0	0	0	90	40.8	1572	30	61	107	2.033	0.570	0.280	7.0	20.00

P	BP
0	20.00
0	20.00
0	20.00
0	20.00
0	20.00
0	20.00
0	20.00
0	20.00
0	20.00
0	20.00
0	20.00
1	20.00
1	20.00
1	20.00
1	20.00
2	20.00
2	20.00
1	20.00
2	20.00
2	20.00
2	20.00
3	20.00
3	20.00
4	20.00
4	20.00
4	20.00
4	20.00
4	20.00
5	20.00
5	20.00
5	20.00
5	20.00
5	20.00
5	20.00
6	20.00
6	20.00
7	20.00
7	20.00
8	20.00
8	20.00
8	20.00
8	20.00
9	20.00
9	20.00
9	20.00
0	20.00
0	20.00
0	20.00
0	20.00
0	20.00
0	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1446	40.5214	117.9364	-293.5	593	OV2	0	0	0	0	95	40.8	1729	23	76	121	3.304	0.628	0.190	7.0	20.00
1447	40.5208	117.9364	-293.0	553	OV2	0	0	0	0	86	40.0	1593	27	90	84	3.333	1.071	0.321	7.0	20.00
1448	40.5203	117.9364	-290.8	542	OV2	0	0	0	0	87	39.8	1682	49	32	139	0.653	0.230	0.353	6.9	20.00
1449	40.5198	117.9364	-287.8	536	OV2	0	0	0	0	102	39.7	1617	28	125	81	4.464	1.543	0.346	6.9	20.00
1450	40.5192	117.9365	-290.7	514	OV2	0	0	0	0	81	39.3	1649	39	108	97	2.769	1.113	0.402	6.9	20.00
1451	40.5187	117.9365	-285.5	506	OV2	0	0	0	0	97	39.2	1593	29	112	47	3.862	2.383	0.617	6.8	20.00
1452	40.5182	117.9365	-283.7	497	OV2	0	0	0	0	104	39.0	1444	38	69	97	1.816	0.711	0.392	6.8	20.00
1453	40.5176	117.9365	-279.0	493	OV2	0	0	0	0	92	38.9	1535	39	47	143	1.205	0.329	0.273	6.8	20.00
1454	40.5171	117.9365	-277.4	493	OV2	0	0	0	0	95	38.9	1600	33	64	126	1.939	0.508	0.262	6.8	20.00
1455	40.5166	117.9365	-275.9	491	OV2	0	0	0	0	95	38.9	1640	40	57	136	1.425	0.419	0.294	6.8	20.00
1456	40.5161	117.9366	-273.2	485	OV2	0	0	0	0	84	38.8	1651	21	71	135	3.381	0.526	0.156	6.7	20.00
1457	40.5155	117.9366	-272.4	480	OV2	0	0	0	0	94	38.6	1562	27	99	95	3.667	1.042	0.284	6.6	20.00
1458	40.5150	117.9366	-270.0	459	OV2	0	0	0	0	96	38.2	1465	26	58	102	2.231	0.569	0.255	6.5	20.00
1459	40.5145	117.9366	-267.7	433	OV2	0	0	0	0	99	37.7	1415	13	141	56	10.846	2.518	0.232	6.5	20.00
1460	40.5139	117.9366	-266.9	400	OV2	0	0	0	0	89	37.0	1404	26	52	94	2.000	0.553	0.277	6.5	20.00
1461	40.5134	117.9366	-267.3	348	OV2	0	0	0	0	91	35.8	1418	23	131	104	5.696	1.260	0.221	6.5	20.00
1462	40.5129	117.9367	-264.7	331	OV2	0	0	0	0	102	40.2	1304	20	89	79	4.450	1.127	0.253	6.4	20.00
1463	40.5123	117.9367	-263.9	302	OV2	0	0	0	0	86	39.4	1263	33	49	86	1.485	0.570	0.384	6.3	20.00
1464	40.5118	117.9367	-263.7	288	OV2	0	0	0	0	103	39.0	1197	14	97	92	6.929	1.054	0.152	6.3	20.00
1465	40.5113	117.9367	-259.9	286	OV2	0	0	0	0	86	39.0	1135	21	84	70	4.000	1.200	0.300	6.3	20.00
1466	40.5107	117.9367	-256.3	295	OV2	0	0	0	0	94	39.2	1183	28	81	53	2.893	1.528	0.528	6.3	20.00
1467	40.5102	117.9367	-256.0	323	OV2	0	0	0	0	91	40.0	1283	20	108	75	5.400	1.440	0.267	6.3	20.00
1468	40.5097	117.9368	-255.6	364	OV2	0	0	0	0	88	41.0	1342	25	77	90	3.080	0.856	0.278	6.3	20.00
1469	40.5092	117.9368	-253.9	414	OV2	0	0	0	0	93	42.3	1397	26	39	111	1.500	0.351	0.234	6.2	20.00
1470	40.5086	117.9368	-252.0	459	OV2	0	0	0	0	91	43.4	1377	11	36	136	3.273	0.265	0.081	6.2	20.00
1471	40.5081	117.9368	-252.0	488	OV2	0	0	0	0	94	44.0	1375	17	112	88	6.588	1.273	0.193	6.2	20.00
1472	40.5076	117.9368	-251.9	496	OV2	0	0	0	0	93	44.2	1497	27	131	53	4.852	2.472	0.509	6.2	20.00
1473	40.5070	117.9368	-250.8	500	OV2	0	0	0	0	88	44.3	1430	30	47	101	1.567	0.465	0.297	6.2	20.00
1474	40.5065	117.9369	-248.8	550	OV2	0	0	0	0	84	45.4	1530	28	55	108	1.964	0.509	0.259	6.2	20.00
1475	40.5063	117.9369	-249.0	571	OV2	0	0	0	0	99	45.8	1516	18	63	77	3.500	0.818	0.234	6.1	20.00
1476	40.5060	117.9369	-248.9	597	OV2	0	0	0	0	97	46.3	1579	18	56	133	3.111	0.421	0.135	6.1	20.00
1477	40.5058	117.9369	-248.6	623	OV2	0	0	1	0	98	46.9	1644	37	21	103	0.568	0.204	0.359	6.1	20.00
1478	40.5056	117.9369	-249.7	657	OV2	0	0	0	0	95	47.5	1635	18	68	108	3.778	0.630	0.167	6.1	20.00
1479	40.5053	117.9369	-250.1	653	OV2	0	0	0	0	95	47.4	1561	27	85	57	3.148	1.491	0.474	6.0	20.00
1480	40.5051	117.9369	-250.5	650	OV2	0	0	0	0	111	47.4	1591	24	86	54	3.583	1.593	0.444	6.0	20.00
1481	40.5048	117.9369	-251.1	628	OV2	0	0	0	0	90	44.8	1481	17	55	131	3.235	0.420	0.130	6.0	20.00
1482	40.5046	117.9369	-250.7	594	OV2	0	0	0	0	96	44.2	1559	19	77	92	4.053	0.837	0.207	5.9	20.00
1483	40.5044	117.9369	-250.5	540	OV2	0	0	0	0	90	43.1	1546	37	40	149	1.081	0.268	0.248	5.9	20.00
1484	40.5041	117.9369	-251.9	503	OV2	0	0	0	0	97	42.4	1505	20	127	53	6.350	2.396	0.377	5.9	20.00
1485	40.5039	117.9369	-251.6	495	OV2	0	0	0	0	91	42.2	1460	19	73	80	4.056	0.913	0.225	5.9	20.00
1486	40.5037	117.9369	-252.0	489	OV2	0	0	0	0	90	42.1	1412	19	73	94	3.842	0.777	0.202	5.9	20.00
1487	40.5034	117.9369	-252.0	478	OV2	0	0	0	0	92	41.8	1396	43	28	105	0.651	0.267	0.410	5.8	20.00
1488	40.5032	117.9369	-251.2	467	OV2	0	0	0	0	102	41.6	1346	22	25	112	1.136	0.223	0.196	5.8	20.00
1489	40.5030	117.9369	-251.8	468	OV2	0	0	0	1	98	41.6	1346	3	176	32	58.667	5.500	0.094	5.8	20.00
1490	40.5027	117.9369	-250.8	460	OV2	0	0	0	0	84	41.4	1328	28	66	82	2.357	0.805	0.341	5.8	20.00
1491	40.5025	117.9369	-249.1	434	OV2	0	0	0	0	95	40.8	1295	22	67	80	3.045	0.837	0.275	5.9	20.00
1492	40.5022	117.9369	-249.2	410	OV2	0	0	0	0	90	40.3	1266	31	79	71	2.548	1.113	0.437	5.9	20.00
1493	40.5020	117.9369	-246.9	394	OV2	0	0	0	0	81	39.9	1215	18	90	69	5.000	1.304	0.261	5.9	20.00
1494	40.5018	117.9369	-244.5	393	OV2	0	0	0	0	94	39.9	1235	12	51	83	4.250	0.614	0.145	6.0	20.00
1495	40.5015	117.9369	-243.0	418	OV2	0	0	0	0	88	40.5	1233	12	35	123	2.917	0.285	0.098	5.9	20.00
1496	40.5013	117.9369	-239.8	457	OV2	0	0	0	1	98	41.4	1271	5	64	118	12.800	0.542	0.042	5.9	20.00
1497	40.5011	117.9369	-237.6	487	OV2	0	0	0	0	95	42.0	1351	30	72	69	2.400	1.043	0.435	6.0	20.00
1498	40.5008	117.9369	-235.7	495	OV2	0	0	0	0	94	42.2	1324	10	79	74	7.900	1.068	0.135	6.0	20.00
1499	40.5006	117.9369	-232.5	502	OV2	0	0	0	0	93	42.3	1405	20	92	57	4.600	1.614	0.351	6.0	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1500	40.5004	117.9369	-229.0	55i	OV2	0	0	1	0	95	35.7	1490	20	23	134	1.150	0.172	0.149	5.9	20.00
1501	40.5001	117.9369	-226.3	582	OV2	0	0	0	0	94	36.2	1526	33	57	86	1.727	0.663	0.384	6.0	20.00
1502	40.4999	117.9369	-221.9	618	OV2	0	0	0	0	90	36.7	1433	9	94	70	10.444	1.343	0.129	6.0	20.00
1503	40.4996	117.9369	-218.0	645	OV2	0	0	0	0	85	37.1	1514	39	50	104	1.282	0.481	0.375	6.1	20.00
1504	40.4994	117.9369	-214.0	691	OV2	0	0	0	1	95	37.8	1524	7	155	39	22.143	3.974	0.179	6.1	20.00
1505	40.4992	117.9369	-212.9	726	OV2	1	0	0	0	89	38.3	1528	28	67	88	2.393	0.761	0.318	6.1	20.00
1506	40.4989	117.9369	-212.5	759	OV2	1	0	1	0	80	38.7	1581	29	21	128	0.724	0.164	0.227	6.0	20.00
1507	40.4987	117.9369	-214.6	789	OV2	1	0	0	0	90	39.1	1616	23	83	71	3.609	1.169	0.324	6.1	20.00
1508	40.4985	117.9369	-217.9	826	OV2	1	0	0	0	89	39.6	1626	24	127	49	5.292	2.592	0.490	6.1	20.00
1509	40.4982	117.9369	-221.2	863	OV2	1	0	0	1	79	40.0	1552	0	162	41	162.000	3.951	0.024	6.1	20.00
1510	40.4980	117.9369	-224.7	916	OV2	1	0	0	0	90	40.6	1722	31	85	125	2.742	0.680	0.248	6.1	20.00
1511	40.4977	117.9369	-228.0	946	OV2	1	0	0	0	89	40.9	1736	38	99	50	2.605	1.980	0.760	6.2	20.00
1512	40.4975	117.9369	-231.5	935	OV2	1	0	0	0	96	40.8	1735	27	36	169	1.333	0.213	0.160	6.2	20.00
1513	40.4973	117.9369	-234.9	876	OV2	1	0	0	0	93	40.2	1772	40	80	119	2.000	0.672	0.336	6.3	20.00
1514	40.4970	117.9369	-238.1	773	OV2	1	0	0	0	93	38.9	1608	45	77	81	1.711	0.951	0.556	6.3	20.00
1515	40.4968	117.9369	-241.4	626	OV2	0	0	1	0	88	36.8	1320	28	13	94	0.464	0.138	0.298	6.3	20.00
1516	40.4966	117.9369	-244.6	526	OV2	0	0	0	0	79	35.3	1406	19	131	65	6.895	2.015	0.292	6.3	20.00
1517	40.4963	117.9369	-244.8	491	OV2	0	0	0	0	82	34.6	1425	24	98	94	4.083	1.043	0.255	6.4	20.00
1518	40.4961	117.9369	-244.8	472	OV2	0	0	0	0	78	34.3	1264	8	48	109	6.000	0.440	0.073	6.4	20.00
1519	40.4959	117.9369	-244.2	444	OV2	0	0	0	0	84	26.8	1278	19	84	102	4.421	0.824	0.186	6.4	20.00
1520	40.4956	117.9369	-242.5	446	OV2	0	0	0	0	89	26.8	1267	21	44	96	2.095	0.458	0.219	6.4	20.00
1521	40.4954	117.9369	-241.8	479	OV2	0	0	0	0	87	27.3	1210	22	42	90	1.909	0.467	0.244	6.5	20.00
1522	40.4951	117.9369	-240.1	491	OV2	0	0	0	0	96	27.5	1255	11	43	108	3.909	0.398	0.102	6.5	20.00
1523	40.4949	117.9369	-240.0	524	OV2	0	0	1	0	81	27.9	1262	33	15	104	0.455	0.144	0.317	6.5	20.00
1524	40.4947	117.9369	-236.9	602	OV2	0	0	1	0	91	28.9	1273	16	13	99	0.813	0.131	0.162	6.5	20.00
1525	40.4944	117.9369	-236.2	649	OV2	0	0	0	0	91	29.5	1407	14	109	69	7.786	1.580	0.203	6.5	20.00
1526	40.4942	117.9369	-235.2	688	OV2	0	0	0	0	86	29.9	1344	12	70	65	5.833	1.077	0.185	6.5	20.00
1527	40.4940	117.9369	-233.2	730	OV2	1	0	0	0	84	30.4	1394	23	95	61	4.130	1.557	0.377	6.6	20.00
1528	40.4937	117.9369	-232.4	786	OV2	1	0	0	1	82	31.0	1470	3	71	110	23.667	0.645	0.027	6.5	20.00
1529	40.4935	117.9369	-231.3	816	OV2	1	0	0	0	85	31.3	1420	22	86	77	3.909	1.117	0.286	6.6	20.00
1530	40.4933	117.9369	-231.2	844	OV2	1	0	0	0	90	31.5	1598	33	32	133	0.970	0.241	0.248	6.6	20.00
1531	40.4930	117.9369	-231.7	852	OV2	1	1	0	0	93	31.6	1382	14	77	29	5.500	2.655	0.483	6.6	20.00
1532	40.4928	117.9369	-231.5	864	OV2	1	0	0	0	87	31.7	1423	23	96	32	4.174	3.000	0.719	6.7	20.00
1533	40.4925	117.9369	-231.1	868	OV2	1	1	0	1	87	31.7	1432	0	125	9	125.000	13 [illegible]9	0.111	6.7	20.00
1534	40.4923	117.9369	-230.8	885	OV2	1	0	0	0	89	31.9	1428	24	74	53	3.083	1.396	0.453	6.7	20.00
1535	40.4921	117.9369	-231.1	895	OV2	1	0	0	0	85	32.0	1467	19	43	138	2.263	0.312	0.138	6.8	20.00
1536	40.4918	117.9369	-231.0	920	OV2	1	0	0	0	83	32.2	1560	20	49	126	2.450	0.389	0.159	6.9	20.00
1537	40.4916	117.9369	-232.2	941	OV2	1	0	0	1	85	32.4	1498	2	96	67	48.000	1.433	0.030	6.9	20.00
1538	40.4914	117.9369	-232.4	990	OV2	1	1	0	0	80	36.7	1592	25	114	0	4.560	114.000	25.000	6.9	20.00
1539	40.4911	117.9369	-234.5	1030	OV2	2	0	1	0	76	37.0	1580	33	27	133	0.818	0.203	0.248	7.0	20.00
1540	40.4909	117.9369	-235.2	1073	OV2	2	1	0	1	77	37.4	1605	7	148	11	21.143	13.455	0.636	7.0	20.00
1541	40.4907	117.9369	-236.5	1115	OV2	2	1	0	0	83	37.6	1703	29	101	43	3.483	2.349	0.674	7.1	20.00
1542	40.4904	117.9369	-239.5	1163	OV2	2	0	0	0	81	37.6	1799	31	75	121	2.419	0.620	0.256	7.1	20.00
1543	40.4902	117.9369	-241.9	1191	OV2	2	0	0	0	77	37.6	1827	49	40	143	0.816	0.280	0.343	7.2	20.00
1544	40.4899	117.9369	-242.0	1226	OV2	2	1	0	1	85	37.6	1850	15	105	19	7.000	5.526	0.789	7.3	20.00
1545	40.4897	117.9369	-242.2	1238	OV2	2	0	0	1	86	37.6	2025	9	76	141	8.444	0.539	0.064	7.3	20.00
1546	40.4895	117.9369	-244.1	1241	OV2	2	0	0	1	83	37.6	1981	9	108	185	12.000	0.534	0.049	7.4	20.00
1547	40.4892	117.9369	-246.2	1216	OV2	2	0	1	0	87	37.6	2010	61	23	185	0.377	0.124	0.330	7.6	20.00
1548	40.4890	117.9369	-249.0	1162	OV2	2	0	0	1	75	37.6	1811	11	93	67	8.455	1.388	0.164	7.7	20.00
1549	40.4888	117.9369	-250.8	1103	OV2	2	0	0	0	73	37.6	1660	38	84	64	2.211	1.313	0.594	7.8	20.00
1550	40.4885	117.9369	-253.1	1058	OV2	2	0	1	0	90	37.3	1670	36	9	123	0.250	0.073	0.293	7.9	20.00
1551	40.4883	117.9369	-252.8	1019	OV2	2	0	0	0	77	36.9	1876	17	106	66	6.235	1.606	0.258	8.1	20.00
1552	40.4881	117.9369	-253.8	968	OV2	1	0	1	0	82	36.5	1692	39	16	158	0.410	0.101	0.247	8.2	20.00
1553	40.4878	117.9369	-253.0	901	OV2	1	0	0	0	80	35.9	1677	38	87	39	2.289	2.231	0.974	8.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1554	40.4876	117.9369	-253.7	854	OV2	1	0	0	0	85	35.4	1651	29	61	83	2.103	0.735	0.349	8.3	20.00
1555	40.4873	117.9369	-252.8	800	OV2	1	0	0	0	86	34.8	1474	19	59	122	3.105	0.484	0.156	8.4	20.00
1556	40.4871	117.9369	-251.6	752	OV2	1	0	0	0	80	34.3	1491	19	74	119	3.895	0.622	0.160	8.5	20.00
1557	40.4869	117.9369	-250.3	732	OV2	1	0	0	0	92	36.1	1564	22	29	121	1.318	0.240	0.182	8.6	20.00
1558	40.4866	117.9369	-249.3	695	OV2	0	1	0	0	79	35.6	1542	24	139	22	5.792	6.318	1.091	8.7	20.00
1559	40.4864	117.9369	-248.0	647	OV2	0	0	1	0	91	34.9	1536	32	25	110	0.781	0.227	0.291	8.7	20.00
1560	40.4862	117.9369	-245.2	580	OV2	0	0	0	0	87	34.0	1525	17	83	75	4.882	1.107	0.227	8.8	20.00
1561	40.4859	117.9369	-241.5	502	OV2	0	0	1	0	83	32.8	1371	38	-8	127	-0.211	-0.063	0.299	8.8	20.00
1562	40.4857	117.9369	-237.1	495	OV2	0	1	0	0	76	32.6	1395	15	169	11	11.267	15.364	1.364	8.9	20.00
1563	40.4855	117.9369	-232.1	490	OV2	0	0	0	0	86	32.6	1513	19	61	99	3.211	0.616	0.192	9.0	20.00
1564	40.4852	117.9369	-226.7	493	OV2	0	0	1	0	85	32.6	1440	30	14	149	0.467	0.094	0.201	9.0	20.00
1565	40.4850	117.9369	-224.2	499	OV2	0	0	0	0	83	32.7	1520	30	101	140	3.367	0.721	0.214	9.1	20.00
1566	40.4847	117.9369	-222.5	544	OV2	0	0	0	0	83	33.4	1523	14	138	90	9.857	1.533	0.156	9.2	20.00
1567	40.4845	117.9369	-221.7	592	OV2	0	0	0	0	77	34.1	1566	10	126	58	12.600	2.172	0.172	9.3	20.00
1568	40.4843	117.9369	-224.4	643	OV2	0	0	0	0	78	34.9	1637	28	101	94	3.607	1.074	0.298	9.3	20.00
1569	40.4840	117.9369	-228.2	680	OV2	0	0	0	0	80	35.4	1643	30	69	128	2.300	0.539	0.234	9.3	20.00
1570	40.4838	117.9369	-232.7	722	QAL	1	0	0	0	79	35.9	1779	47	81	80	1.723	1.013	0.587	9.4	20.00
1571	40.4836	117.9369	-238.3	736	QAL	1	0	0	0	78	36.1	1843	34	128	47	3.765	2.723	0.723	9.5	20.00
1572	40.4833	117.9369	-244.6	714	QAL	1	0	0	0	77	35.8	1647	24	75	110	3.125	0.682	0.218	9.5	20.00
1573	40.4831	117.9369	-248.3	699	QAL	0	0	0	0	68	35.6	1665	14	156	61	11.143	2.557	0.230	9.6	20.00
1574	40.4828	117.9369	-252.7	689	QAL	0	0	0	0	75	35.5	1598	37	40	123	1.081	0.325	0.301	9.7	20.00
1575	40.4826	117.9369	-255.1	687	QAL	0	0	0	0	85	35.5	1547	33	77	39	2.333	1.974	0.846	9.7	20.00
1576	40.4824	117.9369	-257.4	698	QAL	0	0	0	0	80	48.9	1533	23	27	127	1.174	0.213	0.181	9.8	20.00
1577	40.4821	117.9369	-258.9	686	QAL	0	0	0	0	78	48.7	1494	11	55	104	5.000	0.529	0.106	9.9	20.00
1578	40.4819	117.9369	-260.3	713	QAL	1	0	0	0	74	49.1	1620	23	49	121	2.130	0.405	0.190	9.9	20.00
1579	40.4817	117.9369	-261.8	756	QAL	1	0	0	1	78	49.9	1680	2	119	103	59.500	1.155	0.019	10.0	20.00
1580	40.4814	117.9369	-262.2	782	QAL	1	0	1	0	85	50.3	1662	32	15	131	0.469	0.115	0.244	10.0	20.00
1581	40.4812	117.9369	-264.5	795	QAL	1	0	0	1	77	50.5	1780	10	123	101	12.300	1.218	0.099	10.1	20.00
1582	40.4810	117.9369	-266.6	799	QAL	1	0	0	0	75	50.6	1633	47	30	82	0.638	0.366	0.573	10.2	20.00
1583	40.4807	117.9369	-266.2	796	QAL	1	0	0	0	76	50.6	1738	30	42	116	1.400	0.362	0.259	10.3	20.00
1584	40.4805	117.9369	-265.5	801	QAL	1	1	0	0	84	50.6	1707	25	129	18	5.160	7.167	1.389	10.3	20.00
1585	40.4802	117.9369	-266.5	792	QAL	1	0	0	0	81	50.5	1730	31	68	76	2.194	0.895	0.408	10.4	20.00
1586	40.4800	117.9369	-267.6	767	QAL	1	0	0	0	78	50.1	1818	14	99	110	7.071	0.900	0.127	10.4	20.00
1587	40.4798	117.9369	-267.1	750	QAL	1	0	0	0	73	49.8	1731	24	62	109	2.583	0.569	0.220	10.5	20.00
1588	40.4795	117.9369	-266.4	754	QAL	1	0	0	0	82	49.8	1648	25	42	105	1.680	0.400	0.238	10.6	20.00
1589	40.4793	117.9369	-266.8	725	QAL	1	0	0	0	67	49.3	1598	22	86	108	3.909	0.796	0.204	10.6	20.00
1590	40.4791	117.9369	-266.4	721	QAL	1	0	0	1	80	49.3	1544	5	96	112	19.200	0.857	0.045	10.7	20.00
1591	40.4788	117.9369	-265.1	741	QAL	1	0	0	0	77	49.6	1636	35	39	122	1.114	0.320	0.287	10.8	20.00
1592	40.4786	117.9369	-264.3	739	QAL	1	0	1	0	74	49.6	1674	36	0	140	0.028	0.007	0.257	10.8	20.00
1593	40.4784	117.9369	-264.5	755	QAL	1	0	0	0	74	49.9	1670	40	28	75	0.700	0.373	0.533	10.9	20.00
1594	40.4781	117.9369	-264.7	747	QAL	1	0	0	0	77	49.7	1671	20	110	55	5.500	2.000	0.364	10.9	20.00
1595	40.4779	117.9369	-264.9	740	QAL	1	0	0	0	72	52.8	1695	30	46	88	1.533	0.523	0.341	10.9	20.00
1596	40.4776	117.9369	-264.5	733	QAL	1	0	0	0	71	52.7	1795	26	92	80	3.538	1.150	0.325	10.9	20.00
1597	40.4774	117.9369	-264.3	715	QAL	1	0	0	0	67	52.4	1774	40	38	116	0.950	0.328	0.345	10.9	20.00
1598	40.4772	117.9369	-264.1	701	QAL	1	0	0	0	69	52.1	1730	18	48	162	2.667	0.296	0.111	10.8	20.00
1599	40.4769	117.9369	-263.5	660	QAL	0	0	0	0	75	51.3	1745	24	36	136	1.500	0.265	0.176	10.8	20.00
1600	40.4767	117.9369	-263.0	582	QAL	0	0	0	0	78	49.7	1533	21	26	108	1.238	0.241	0.194	10.7	20.00
1601	40.4765	117.9369	-258.1	531	QAL	0	0	0	0	72	48.5	1524	21	71	76	3.381	0.934	0.276	10.7	20.00
1602	40.4762	117.9369	-261.2	496	QAL	0	0	0	0	77	47.7	1508	31	72	57	2.323	1.263	0.544	10.7	20.00
1603	40.4760	117.9369	-260.9	489	QAL	0	0	0	0	77	47.5	1507	17	110	65	6.471	1.692	0.262	10.7	20.00
1604	40.4758	117.9369	-259.8	488	QAL	0	0	0	0	68	47.5	1611	33	104	50	3.152	2.080	0.660	10.7	20.00
1605	40.4755	117.9369	-258.9	488	QAL	0	0	0	0	66	47.5	1535	13	84	147	6.462	0.571	0.088	10.7	20.00
1606	40.4753	117.9369	-258.0	491	QAL	0	0	0	0	66	47.6	1592	33	76	106	2.303	0.717	0.311	10.6	20.00
1607	40.4750	117.9369	-257.9	491	QAL	0	0	0	0	63	47.6	1729	37	56	135	1.514	0.415	0.274	10.6	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1608	40.4748	117.9369	-258.3	488	QAL	0	0	0	0	73	47.5	1735	42	81	137	1.929	0.591	0.307	10.5	20.00
1609	40.4746	117.9369	-258.4	486	QAL	0	0	0	0	70	47.5	1653	34	110	101	3.235	1.089	0.337	10.5	20.00
1610	40.4743	117.9369	-258.2	487	QAL	0	0	0	0	70	47.5	1717	36	83	146	2.306	0.568	0.247	10.5	20.00
1611	40.4741	117.9369	-258.1	489	QAL	0	0	0	0	69	47.5	1680	30	76	121	2.533	0.628	0.248	10.5	20.00
1612	40.4739	117.9369	-257.8	487	QAL	0	0	0	0	73	47.5	1777	31	76	127	2.452	0.598	0.244	10.5	20.00
1613	40.4736	117.9369	-256.9	487	QAL	0	0	0	0	63	47.5	1822	30	102	133	3.400	0.767	0.226	10.5	20.00
1614	40.4734	117.9369	-258.5	484	QAL	0	0	0	0	72	49.7	1805	12	210	93	17.500	2.258	0.129	10.4	20.00
1615	40.4732	117.9369	-257.7	474	QAL	0	0	0	0	70	49.5	1848	46	90	134	1.957	0.672	0.343	10.4	20.00
1616	40.4729	117.9369	-258.0	455	QAL	0	0	0	0	67	49.0	1808	29	132	116	4.552	1.138	0.250	10.4	20.00
1617	40.4727	117.9369	-257.2	447	QAL	0	0	0	0	66	48.8	1690	47	98	81	2.085	1.210	0.580	10.3	20.00
1618	40.4724	117.9369	-259.0	447	QAL	0	0	0	0	70	48.8	1692	12	167	95	13.917	1.758	0.126	10.3	20.00
1619	40.4722	117.9369	-257.9	442	QAL	0	0	0	0	62	48.6	1752	24	121	158	5.042	0.766	0.152	10.4	20.00
1620	40.4720	117.9369	-259.4	429	QAL	0	0	0	0	69	48.3	1690	44	36	140	0.818	0.257	0.314	10.4	20.00
1621	40.4717	117.9369	-259.9	417	QAL	0	0	0	0	63	48.0	1669	34	56	147	1.647	0.381	0.231	10.4	20.00
1622	40.4715	117.9369	-259.8	417	QAL	0	0	0	0	70	48.0	1739	34	113	126	3.324	0.897	0.270	10.3	20.00
1623	40.4713	117.9369	-259.7	415	QAL	0	0	0	0	68	47.9	1708	35	93	145	2.657	0.641	0.241	10.3	20.00
1624	40.4710	117.9369	-261.2	419	QAL	0	0	0	0	73	48.0	1811	28	146	124	5.214	1.177	0.226	10.3	20.00
1625	40.4708	117.9369	-261.3	425	QAL	0	0	0	0	69	48.2	1779	52	103	98	1.981	1.051	0.531	10.3	20.00
1626	40.4706	117.9369	-260.7	419	QAL	0	0	0	0	67	48.0	1769	27	94	110	3.481	0.855	0.245	10.3	20.00
1627	40.4703	117.9369	-260.4	412	QAL	0	0	0	0	74	47.9	1719	31	102	114	3.290	0.895	0.272	10.3	20.00
1628	40.4701	117.9369	-261.0	414	QAL	0	0	0	0	67	47.9	1655	28	85	130	3.036	0.654	0.215	10.3	20.00
1629	40.4698	117.9369	-261.1	413	QAL	0	0	0	0	53	47.9	1596	26	102	123	3.923	0.829	0.211	10.3	20.00
1630	40.4696	117.9369	-260.7	427	QAL	0	0	0	0	62	48.2	1520	26	78	130	3.000	0.600	0.200	10.3	20.00
1631	40.4694	117.9369	-260.4	442	QAL	0	0	0	0	59	48.7	1700	21	99	137	4.714	0.723	0.153	10.3	20.00
1632	40.4691	117.9369	-259.4	452	QAL	0	0	0	0	66	48.9	1569	32	99	97	3.094	1.021	0.330	10.3	20.00
1633	40.4689	117.9369	-259.0	456	QAL	0	0	1	0	60	43.9	1656	52	23	152	0.442	0.151	0.342	10.3	20.00
1634	40.4687	117.9369	-258.7	449	QAL	0	0	0	0	63	43.8	1655	22	94	143	4.273	0.657	0.154	10.3	20.00
1635	40.4684	117.9369	-259.6	448	QAL	0	0	0	0	78	43.8	1612	41	72	98	1.756	0.735	0.418	10.2	20.00
1636	40.4682	117.9369	-258.7	451	QAL	0	0	0	0	55	43.8	1697	31	127	110	4.097	1.155	0.282	10.2	20.00
1637	40.4679	117.9369	-258.8	448	QAL	0	0	1	0	75	43.7	1599	36	22	157	0.611	0.140	0.229	10.2	20.00
1638	40.4677	117.9369	-259.5	445	QAL	0	0	0	0	69	43.7	1498	32	77	112	2.406	0.688	0.286	10.1	20.00
1639	40.4675	117.9369	-258.6	444	QAL	0	0	0	0	65	43.6	1572	10	147	123	14.700	1.195	0.081	10.1	20.00
1640	40.4672	117.9369	-257.5	440	QAL	0	0	0	0	77	43.6	1553	35	116	81	3.314	1.432	0.432	10.1	20.00
1641	40.4670	117.9369	-258.8	446	QAL	0	0	0	0	66	43.7	1552	28	131	103	4.679	1.272	0.272	10.1	20.00
1642	40.4668	117.9369	-257.4	447	QAL	0	0	0	0	68	43.7	1622	31	114	107	3.677	1.065	0.290	10.1	20.00
1643	40.4665	117.9369	-257.6	448	QAL	0	0	0	0	65	43.7	1699	24	80	152	3.333	0.526	0.158	10.1	20.00
1644	40.4663	117.9369	-256.9	444	QAL	0	0	0	0	71	43.6	1707	39	116	112	2.974	1.036	0.348	10.1	20.00
1645	40.4661	117.9369	-257.6	439	QAL	0	0	0	0	66	43.5	1796	46	91	141	1.978	0.645	0.326	10.2	20.00
1646	40.4658	117.9369	-255.0	433	QAL	0	0	0	0	67	43.4	1683	50	95	109	1.900	0.872	0.459	10.2	20.00
1647	40.4656	117.9369	-254.7	431	QAL	0	0	0	0	67	43.4	1698	39	110	110	2.821	1.000	0.355	10.2	20.00
1648	40.4653	117.9369	-255.1	427	QAL	0	0	1	0	68	43.3	1636	44	18	175	0.409	0.103	0.251	10.1	20.00
1649	40.4651	117.9369	-254.9	426	QAL	0	0	0	0	78	43.2	1714	36	68	166	1.889	0.410	0.217	10.2	20.00
1650	40.4649	117.9369	-253.8	427	QAL	0	0	0	0	66	43.2	1697	39	123	126	3.154	0.976	0.310	10.2	20.00
1651	40.4646	117.9369	-253.4	431	QAL	0	0	0	0	68	43.3	1739	41	135	103	3.293	1.311	0.398	10.2	20.00
1652	40.4644	117.9369	-253.5	432	QAL	0	0	0	0	68	40.3	1653	62	85	82	1.371	1.037	0.756	10.2	20.00
1653	40.4642	117.9369	-255.1	435	QAL	0	0	0	0	61	40.4	1579	41	81	101	1.976	0.802	0.406	10.1	20.00
1654	40.4639	117.9369	-254.5	438	QAL	0	0	0	0	69	40.5	1561	24	145	65	6.042	2.231	0.369	10.1	20.00
1655	40.4637	117.9369	-252.6	442	QAL	0	0	0	0	65	40.5	1608	44	102	145	2.318	0.703	0.303	10.1	20.00
1656	40.4635	117.9369	-253.1	451	QAL	0	0	0	0	60	40.7	1589	27	126	122	4.667	1.033	0.221	10.1	20.00
1657	40.4632	117.9369	-254.7	453	QAL	0	0	0	0	63	40.8	1642	53	105	122	1.981	0.861	0.434	10.1	20.00
1658	40.4630	117.9369	-254.8	456	QAL	0	0	0	0	59	40.9	1583	42	125	101	2.976	1.238	0.416	10.2	20.00
1659	40.4627	117.9369	-255.1	466	QAL	0	0	0	0	65	41.1	1665	46	99	144	2.152	0.688	0.319	10.2	20.00
1660	40.4625	117.9369	-256.4	477	QAL	0	0	0	0	69	41.3	1756	36	155	102	4.306	1.520	0.353	10.2	20.00
1661	40.4623	117.9369	-256.2	484	QAL	0	0	0	0	60	41.5	1614	35	59	160	1.686	0.369	0.219	10.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1662	40.4620	117.9369	-256.0	484	QAL	0	0	0	0	65	41.5	1610	43	90	101	2.093	0.891	0.426	10.3	20.00
1663	40.4618	117.9369	-256.9	483	QAL	0	0	0	0	66	41.4	1628	38	115	107	3.026	1.075	0.355	10.3	20.00
1664	40.4616	117.9369	-257.3	484	QAL	0	0	0	0	74	41.5	1660	40	55	108	1.375	0.509	0.370	10.4	20.00
1665	40.4613	117.9369	-257.2	485	QAL	0	0	0	0	65	41.5	1592	53	61	110	1.151	0.555	0.482	10.4	20.00
1666	40.4611	117.9369	-257.5	483	QAL	0	0	0	0	59	41.4	1710	25	176	96	7.040	1.833	0.260	10.4	20.00
1667	40.4609	117.9369	-257.9	480	QAL	0	0	0	0	59	41.4	1646	48	146	82	3.042	1.780	0.585	10.4	20.00
1668	40.4606	117.9369	-258.0	481	QAL	0	0	0	0	69	41.4	1616	44	82	88	1.864	0.932	0.500	10.5	20.00
1669	40.4604	117.9369	-257.2	481	QAL	0	0	0	0	70	41.4	1752	34	114	146	3.353	0.781	0.233	10.5	20.00
1670	40.4601	117.9369	-258.3	483	QAL	0	0	0	0	58	41.4	1749	51	106	105	2.078	1.010	0.486	10.5	20.00
1671	40.4599	117.9369	-259.6	485	QAL	0	0	0	0	67	37.0	1682	38	106	99	2.789	1.071	0.384	10.5	20.00
1672	40.4597	117.9369	-259.0	484	QAL	0	0	0	0	63	37.0	1640	40	98	126	2.450	0.778	0.317	10.5	20.00
1673	40.4594	117.9369	-258.6	484	QAL	0	0	0	0	67	37.0	1725	28	115	172	4.107	0.669	0.163	10.6	20.00
1674	40.4592	117.9369	-259.7	485	QAL	0	0	0	0	73	37.0	1661	9	151	106	16.778	1.425	0.085	10.6	20.00
1675	40.4590	117.9369	-260.1	484	QAL	0	0	0	0	60	37.0	1646	34	96	133	2.824	0.722	0.256	10.6	20.00
1676	40.4587	117.9369	-260.0	485	QAL	0	0	0	0	65	37.0	1686	39	93	117	2.385	0.795	0.333	10.7	20.00
1677	40.4585	117.9369	-260.1	484	QAL	0	0	0	0	65	37.0	1669	46	99	136	2.152	0.728	0.338	10.7	20.00
1678	40.4583	117.9369	-260.7	487	QAL	0	0	0	0	65	37.0	1644	49	65	159	1.327	0.409	0.308	10.7	20.00
1679	40.4580	117.9369	-261.8	487	QAL	0	0	0	0	61	37.0	1571	34	131	98	3.853	1.337	0.347	10.7	20.00
1680	40.4578	117.9369	-261.2	486	QAL	0	0	0	0	51	37.0	1651	29	93	148	3.207	0.628	0.196	10.8	20.00
1681	40.4575	117.9369	-261.1	487	QAL	0	0	0	0	74	37.0	1693	31	85	156	2.742	0.545	0.199	10.8	20.00
1682	40.4573	117.9369	-261.2	487	QAL	0	0	0	0	67	37.0	1641	40	55	147	1.375	0.374	0.272	10.8	20.00
1683	40.4571	117.9369	-261.8	486	QAL	0	0	0	0	62	37.0	1589	36	116	86	3.222	1.349	0.419	10.8	20.00
1684	40.4568	117.9369	-263.2	486	QAL	0	0	0	0	60	37.0	1696	34	95	172	2.794	0.552	0.198	10.8	20.00
1685	40.4566	117.9369	-263.3	483	QAL	0	0	0	0	69	37.0	1667	33	147	105	4.455	1.400	0.314	10.8	20.00
1686	40.4564	117.9369	-262.5	478	QAL	0	0	0	0	57	36.9	1730	40	72	184	1.800	0.391	0.217	10.9	20.00
1687	40.4561	117.9369	-263.4	471	QAL	0	0	0	0	59	36.7	1637	42	100	122	2.381	0.820	0.344	10.9	20.00
1688	40.4559	117.9369	-263.6	464	QAL	0	0	0	0	64	36.6	1850	41	92	171	2.244	0.538	0.240	11.0	20.00
1689	40.4556	117.9369	-263.8	454	QAL	0	0	0	0	59	36.4	1715	32	124	129	3.875	0.961	0.248	11.0	20.00
1690	40.4554	117.9369	-263.7	452	QAL	0	0	0	0	63	39.6	1709	39	106	156	2.718	0.679	0.250	11.0	20.00
1691	40.4552	117.9369	-264.0	451	QAL	0	0	0	0	58	39.6	1749	43	102	164	2.372	0.622	0.262	11.0	20.00
1692	40.4549	117.9369	-263.7	451	QAL	0	0	0	0	60	39.6	1851	51	80	151	1.569	0.530	0.338	11.1	20.00
1693	40.4547	117.9369	-264.3	448	QAL	0	0	0	0	55	39.5	1828	32	94	138	2.938	0.681	0.232	11.1	20.00
1694	40.4545	117.9369	-263.9	447	QAL	0	0	0	0	59	39.5	1761	40	117	151	2.925	0.775	0.265	11.0	20.00
1695	40.4542	117.9369	-264.5	451	QAL	0	0	0	0	61	39.6	1902	57	39	173	0.684	0.225	0.329	11.1	20.00
1696	40.4540	117.9369	-264.9	452	QAL	0	0	0	0	59	39.6	1893	29	163	124	5.621	1.315	0.234	11.1	20.00
1697	40.4538	117.9369	-265.6	447	QAL	0	0	0	0	70	39.5	1733	24	115	151	4.792	0.762	0.159	11.1	20.00
1698	40.4535	117.9369	-265.2	447	QAL	0	0	0	0	69	39.5	1772	40	67	195	1.675	0.344	0.205	11.2	20.00
1699	40.4533	117.9369	-266.6	446	QLG	0	0	0	0	64	39.5	1822	51	86	145	1.686	0.593	0.352	11.2	20.00
1700	40.4530	117.9369	-266.4	443	QLG	0	0	0	0	60	39.4	1823	35	178	127	5.086	1.402	0.276	11.2	20.00
1701	40.4528	117.9369	-267.8	446	QLG	0	0	0	0	66	39.5	1834	49	143	132	2.979	1.083	0.364	11.3	20.00
1702	40.4526	117.9369	-268.0	441	QLG	0	0	0	0	66	39.4	1665	26	142	111	5.462	1.279	0.234	11.3	20.00
1703	40.4523	117.9369	-268.3	439	QLG	0	0	0	0	71	39.3	1712	43	112	107	2.605	1.047	0.402	11.3	20.00
1704	40.4521	117.9369	-269.7	438	QLG	0	0	0	0	70	39.3	1703	40	64	146	1.600	0.438	0.274	11.3	20.00
1705	40.4519	117.9369	-269.9	437	QLG	0	0	0	0	55	39.3	1697	40	111	112	2.775	0.991	0.357	11.3	20.00
1706	40.4516	117.9369	-270.0	431	QLG	0	0	0	0	58	39.2	1700	33	106	150	3.212	0.707	0.220	11.2	20.00
1707	40.4514	117.9369	-270.9	431	QLG	0	0	0	0	56	39.2	1736	27	146	138	5.407	1.058	0.196	11.3	20.00
1708	40.4512	117.9369	-272.2	435	QLG	0	0	0	0	69	39.2	1658	39	34	174	0.872	0.195	0.224	11.3	20.00
1709	40.4509	117.9369	-271.9	434	QLG	0	0	0	0	58	39.4	1620	33	93	122	2.818	0.762	0.270	11.3	20.00
1710	40.4507	117.9369	-272.7	436	QLG	0	0	0	0	62	39.4	1689	36	73	140	2.028	0.521	0.257	11.3	20.00
1711	40.4504	117.9369	-272.6	435	QLG	0	0	0	0	65	39.4	1676	34	95	141	2.794	0.674	0.241	11.2	20.00
1712	40.4502	117.9369	-274.5	434	QLG	0	0	0	0	60	39.4	1671	28	112	107	4.000	1.047	0.262	11.2	20.00
1713	40.4500	117.9369	-274.1	431	QLG	0	0	0	0	69	39.3	1780	33	83	150	2.515	0.553	0.220	11.2	20.00
1714	40.4497	117.9369	-275.2	430	QLG	0	0	0	0	57	39.3	1629	41	92	149	2.244	0.617	0.275	11.2	20.00
1715	40.4495	117.9369	-275.6	430	QLG	0	0	0	0	69	39.3	1563	23	102	162	4.435	0.630	0.142	11.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1716	40.4493	117.9369	-276.7	435	QLG	0	0	0	0	56	39.4	1518	45	64	130	1.422	0.492	0.346	11.2	20.00
1717	40.4490	117.9369	-277.3	441	QLG	0	0	0	0	65	39.5	1612	35	91	109	2.600	0.835	0.321	11.2	20.00
1718	40.4488	117.9369	-277.4	446	QLG	0	0	0	0	62	39.6	1653	32	102	129	3.188	0.791	0.248	11.2	20.00
1719	40.4486	117.9369	-277.9	453	QLG	0	0	0	0	67	39.8	1672	38	113	138	2.974	0.819	0.275	11.2	20.00
1720	40.4483	117.9369	-278.7	459	QLG	0	0	0	0	68	39.9	1608	34	92	133	2.706	0.692	0.256	11.2	20.00
1721	40.4481	117.9369	-279.6	464	QLG	0	0	0	0	57	40.0	1644	40	73	159	1.825	0.459	0.252	11.1	20.00
1722	40.4478	117.9369	-279.6	474	QLG	0	0	0	0	63	40.2	1576	38	33	162	0.868	0.204	0.235	11.1	20.00
1723	40.4476	117.9369	-279.7	474	QLG	0	0	0	0	66	40.2	1624	42	52	141	1.238	0.369	0.298	11.1	20.00
1724	40.4474	117.9369	-280.4	473	QLG	0	0	0	0	71	40.2	1654	36	63	128	1.750	0.492	0.281	11.2	20.00
1725	40.4471	117.9369	-281.2	472	QLG	0	0	0	0	56	40.2	1613	30	121	91	4.033	1.330	0.330	11.2	20.00
1726	40.4469	117.9369	-281.1	469	QLG	0	0	0	0	68	40.1	1692	35	64	166	1.829	0.386	0.211	11.2	20.00
1727	40.4467	117.9369	-282.3	468	QLG	0	0	0	0	56	40.1	1677	51	49	165	0.961	0.297	0.309	11.3	20.00
1728	40.4464	117.9369	-283.4	466	QLG	0	0	0	0	55	44.8	1789	54	121	80	2.241	1.513	0.675	11.4	20.00
1729	40.4462	117.9369	-282.3	462	QLG	0	0	0	0	56	44.7	1677	34	110	150	3.235	0.733	0.227	11.4	20.00
1730	40.4460	117.9369	-282.1	465	QLG	0	0	0	0	70	44.7	1810	19	133	140	7.000	0.950	0.136	11.4	20.00
1731	40.4457	117.9369	-282.3	462	QLG	0	0	0	0	64	44.7	1780	49	97	143	1.980	0.678	0.343	11.4	20.00
1732	40.4455	117.9369	-282.2	456	QLG	0	0	0	0	63	44.5	1733	38	88	155	2.316	0.568	0.245	11.4	20.00
1733	40.4452	117.9369	-282.1	458	QLG	0	0	1	0	60	44.6	1826	42	9	184	0.214	0.049	0.228	11.5	20.00
1734	40.4450	117.9369	-281.2	460	QLG	0	0	0	0	62	44.6	1786	27	123	154	4.556	0.799	0.175	11.5	20.00
1735	40.4446	117.9367	-281.7	458	QLG	0	0	0	0	68	44.6	1765	32	70	166	2.188	0.422	0.193	11.5	20.00
1736	40.4442	117.9365	-280.3	459	QLG	0	0	0	0	63	44.6	1784	51	64	122	1.255	0.525	0.418	11.5	20.00
1737	40.4437	117.9363	-279.9	457	QLG	0	0	1	0	66	44.5	1701	46	19	203	0.413	0.094	0.227	11.5	20.00
1738	40.4433	117.9361	-278.7	453	QLG	0	0	0	0	64	44.4	1767	41	80	131	1.951	0.611	0.313	11.6	20.00
1739	40.4429	117.9359	-277.6	451	QLG	0	0	0	0	56	44.4	1692	36	110	132	3.056	0.833	0.273	11.6	20.00
1740	40.4425	117.9357	-277.2	444	QLG	0	0	0	0	62	44.2	1669	36	180	87	5.000	2.069	0.414	11.6	20.00
1741	40.4421	117.9355	-276.0	443	QLG	0	0	0	0	62	44.2	1809	33	63	197	1.909	0.320	0.168	11.6	20.00
1742	40.4417	117.9353	-274.6	442	QLG	0	0	0	0	58	44.2	1663	41	74	103	1.805	0.718	0.398	11.7	20.00
1743	40.4412	117.9351	-272.9	439	QLG	0	0	0	0	62	44.1	1686	22	100	119	4.545	0.840	0.185	11.7	20.00
1744	40.4408	117.9349	-272.0	440	QLG	0	0	0	0	51	44.1	1551	22	114	145	5.182	0.786	0.152	11.8	20.00
1745	40.4404	117.9347	-270.5	442	QLG	0	0	0	0	61	44.2	1787	47	43	140	0.915	0.307	0.336	11.8	20.00
1746	40.4400	117.9345	-269.1	439	QLG	0	0	0	0	57	44.1	1721	30	143	130	4.767	1.100	0.231	11.8	20.00
1747	40.4396	117.9343	-267.7	439	QLG	0	0	0	0	55	40.9	1798	49	80	132	1.633	0.606	0.371	11.8	20.00
1748	40.4391	117.9341	-266.2	442	QLG	0	0	0	0	69	40.9	1731	33	37	201	1.121	0.184	0.164	11.8	20.00
1749	40.4387	117.9338	-264.8	439	QLG	0	0	0	0	49	40.9	1586	41	84	138	2.049	0.609	0.297	11.8	20.00
1750	40.4383	117.9336	-262.4	439	QLG	0	0	0	0	56	40.9	1688	47	94	72	2.000	1.306	0.653	11.8	20.00
1751	40.4379	117.9334	-262.4	440	QLG	0	0	0	0	65	40.9	1643	31	110	118	3.548	0.932	0.263	11.8	20.00
1752	40.4375	117.9332	-261.3	434	QLG	0	0	0	0	74	40.7	1681	32	156	94	4.875	1.660	0.340	11.8	20.00
1753	40.4370	117.9330	-259.6	432	QLG	0	0	0	0	68	40.7	1534	26	137	64	5.269	2.141	0.406	11.8	20.00
1754	40.4366	117.9328	-257.4	432	QLG	0	0	0	0	62	40.7	1467	37	84	105	2.270	0.800	0.352	11.8	20.00
1755	40.4362	117.9326	-257.3	431	QLG	0	0	0	0	64	40.7	1517	25	140	106	5.385	1.321	0.245	11.9	20.00
1756	40.4358	117.9324	-255.6	432	QLG	0	0	0	0	65	40.7	1503	29	90	122	3.103	0.738	0.238	11.9	20.00
1757	40.4354	117.9322	-255.9	433	QLG	0	0	0	0	62	40.7	1421	38	103	87	2.711	1.184	0.437	11.9	20.00
1758	40.4349	117.9320	-254.9	435	QLG	0	0	0	0	68	40.8	1482	24	120	102	5.000	1.176	0.235	12.0	20.00
1759	40.4345	117.9318	-253.0	436	QLG	0	0	0	0	65	40.8	1543	48	71	126	1.479	0.563	0.381	12.0	20.00
1760	40.4341	117.9316	-252.3	433	QLG	0	0	0	0	62	40.7	1396	26	91	97	3.500	0.938	0.268	12.0	20.00
1761	40.4337	117.9314	-251.2	431	QLG	0	0	0	0	63	40.7	1434	40	39	111	0.975	0.351	0.360	12.0	20.00
1762	40.4333	117.9312	-250.2	431	QLG	0	0	0	0	60	40.7	1500	22	128	118	5.818	1.035	0.186	12.1	20.00
1763	40.4328	117.9310	-250.0	430	QLG	0	0	0	0	63	40.6	1497	34	131	64	3.853	2.047	0.531	12.1	20.00
1764	40.4324	117.9308	-249.6	429	QLG	0	0	0	0	56	40.6	1400	24	121	105	5.042	1.152	0.229	12.2	20.00
1765	40.4320	117.9306	-249.2	431	QLG	0	0	0	0	69	40.7	1522	26	107	110	4.115	0.973	0.236	12.3	20.00
1766	40.4316	117.9304	-249.7	435	QLG	0	0	0	0	67	41.2	1446	19	83	111	4.368	0.748	0.171	12.3	20.00
1767	40.4312	117.9302	-248.5	435	QLG	0	0	0	0	62	41.2	1465	37	64	114	1.730	0.561	0.325	12.3	20.00
1768	40.4307	117.9300	-247.1	432	QLG	0	0	0	0	63	41.2	1540	42	47	140	1.119	0.336	0.300	12.4	20.00
1769	40.4303	117.9298	-248.5	429	QLG	0	0	0	0	63	41.1	1479	26	93	137	3.577	0.679	0.190	12.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1770	40.4299	117.9296	-248.3	426	QLG	0	0	0	0	61	41.0	1492	24	118	108	4.917	1.093	0.222	12.5	20.00
1771	40.4295	117.9294	-249.6	422	QLG	0	0	0	0	61	41.0	1500	35	38	136	1.086	0.279	0.257	12.5	20.00
1772	40.4291	117.9292	-250.0	418	QLG	0	0	0	0	56	40.9	1510	38	67	115	1.763	0.583	0.330	12.6	20.00
1773	40.4286	117.9290	-249.8	415	QLG	0	0	0	0	65	40.8	1533	33	64	139	1.939	0.460	0.237	12.7	20.00
1774	40.4282	117.9288	-251.9	414	QLG	0	0	0	0	73	40.8	1707	50	27	179	0.540	0.151	0.279	12.7	20.00
1775	40.4278	117.9286	-252.8	407	QLG	0	0	0	0	67	40.6	1696	35	72	175	2.057	0.411	0.200	12.7	20.00
1776	40.4274	117.9284	-254.1	406	QLG	0	0	0	0	66	40.6	1795	46	133	84	2.891	1.583	0.548	12.7	20.00
1777	40.4270	117.9282	-255.4	402	QLG	0	0	0	0	62	40.5	1821	44	94	135	2.136	0.696	0.326	12.7	20.00
1778	40.4265	117.9279	-256.5	397	QLG	0	0	0	0	62	40.4	1813	34	71	178	2.088	0.399	0.191	12.6	20.00
1779	40.4261	117.9277	-257.9	396	QLG	0	0	0	0	63	40.3	1750	44	113	135	2.568	0.837	0.326	12.6	20.00
1780	40.4257	117.9275	-258.5	392	QLG	0	0	0	0	60	40.2	1795	48	86	143	1.792	0.601	0.336	12.6	20.00
1781	40.4253	117.9273	-260.0	389	QLG	0	0	0	0	62	40.2	1770	48	93	150	1.938	0.620	0.320	12.6	20.00
1782	40.4249	117.9271	-262.1	394	QLG	0	0	0	0	69	40.3	1729	57	64	136	1.123	0.471	0.419	12.6	20.00
1783	40.4245	117.9269	-263.9	395	QLG	0	0	0	0	59	40.3	1815	44	72	152	1.636	0.474	0.289	12.7	20.00
1784	40.4240	117.9267	-265.4	399	QLG	0	0	0	0	67	40.4	1881	43	43	164	1.000	0.262	0.262	12.6	20.00
1785	40.4236	117.9265	-266.2	399	QLG	0	0	0	0	64	43.5	1788	22	153	164	6.955	0.933	0.134	12.6	20.00
1786	40.4232	117.9263	-266.8	399	QLG	0	0	1	0	61	43.5	1760	60	-19	200	-0.317	-0.095	0.300	12.6	20.00
1787	40.4228	117.9261	-269.6	398	QLG	0	0	0	0	64	43.5	1798	46	104	138	2.261	0.754	0.333	12.7	20.00
1788	40.4224	117.9259	-271.7	397	QLG	0	0	0	0	62	43.4	1955	53	130	141	2.453	0.922	0.376	12.7	20.00
1789	40.4219	117.9257	-273.1	390	QLG	0	0	0	0	68	43.3	1791	37	62	175	1.676	0.354	0.211	12.6	20.00
1790	40.4215	117.9255	-274.4	390	QLG	0	0	0	0	60	43.3	1741	30	105	133	3.500	0.789	0.226	12.6	20.00
1791	40.4211	117.9253	-276.4	391	QLG	0	0	0	0	60	43.3	1895	35	114	152	3.257	0.750	0.230	12.7	20.00
1792	40.4207	117.9251	-277.7	392	QLG	0	0	0	0	61	43.3	1927	46	64	170	1.391	0.376	0.271	12.7	20.00
1793	40.4203	117.9249	-278.8	392	QLG	0	0	0	0	59	43.3	1910	48	138	126	2.875	1.095	0.381	12.7	20.00
1794	40.4198	117.9247	-281.4	392	QLG	0	0	0	0	64	43.3	1871	49	84	173	1.714	0.486	0.283	12.7	20.00
1795	40.4194	117.9245	-283.2	393	QLG	0	0	0	0	61	43.3	1807	53	72	173	1.358	0.416	0.306	12.6	20.00
1796	40.4190	117.9243	-283.7	397	QLG	0	0	0	0	62	43.4	1755	30	133	144	4.433	0.924	0.208	12.6	20.00
1797	40.4186	117.9241	-285.8	399	QLG	0	0	1	0	61	43.5	1928	59	26	196	0.441	0.133	0.301	12.6	20.00
1798	40.4182	117.9239	-285.8	404	QLG	0	0	0	0	66	43.6	1940	38	90	190	2.368	0.474	0.200	12.6	20.00
1799	40.4177	117.9237	-287.6	406	QLG	0	0	0	0	61	43.7	1906	44	46	189	1.045	0.243	0.233	12.6	20.00
1800	40.4173	117.9235	-289.1	407	QLG	0	0	0	0	65	43.7	1943	33	123	171	3.727	0.719	0.193	12.6	20.00
1801	40.4169	117.9233	-292.5	405	QLG	0	0	0	0	64	43.7	1789	50	120	135	2.400	0.889	0.370	12.6	20.00
1802	40.4165	117.9231	-293.5	408	QLG	0	0	0	0	58	43.7	1967	47	106	186	2.255	0.570	0.253	12.7	20.00
1803	40.4161	117.9229	-294.4	403	QLG	0	0	0	0	58	43.6	1826	35	132	176	3.771	0.750	0.199	12.7	20.00
1804	40.4156	117.9227	-295.7	398	QLG	0	0	0	0	60	44.6	1795	49	116	138	2.367	0.841	0.355	12.7	20.00
1805	40.4152	117.9225	-296.5	398	QLG	0	0	0	0	75	44.7	1931	37	165	149	4.459	1.107	0.248	12.7	20.00
1806	40.4148	117.9223	-297.4	394	QLG	0	0	0	0	62	44.5	1790	43	136	125	3.163	1.088	0.344	12.7	20.00
1807	40.4144	117.9220	-298.5	390	QLG	0	0	0	0	49	44.4	1789	34	169	99	4.971	1.707	0.343	12.7	20.00
1808	40.4140	117.9218	-299.5	395	QLG	0	0	0	0	64	44.6	1806	45	73	162	1.622	0.451	0.278	12.7	20.00
1809	40.4135	117.9216	-301.1	394	QLG	0	0	0	0	63	44.5	1828	47	79	158	1.681	0.500	0.297	12.7	20.00
1810	40.4131	117.9214	-301.9	392	QLG	0	0	0	0	64	44.5	1845	36	103	179	2.861	0.575	0.201	12.6	20.00
1811	40.4127	117.9212	-302.2	392	QLG	0	0	0	0	68	44.5	1829	33	134	162	4.061	0.827	0.204	12.6	20.00
1812	40.4123	117.9210	-302.8	391	QLG	0	0	0	0	63	44.5	1863	41	100	183	2.439	0.546	0.224	12.7	20.00
1813	40.4119	117.9208	-303.1	391	QLG	0	0	0	0	61	44.5	1881	49	83	147	1.694	0.565	0.333	12.7	20.00
1814	40.4114	117.9206	-304.4	391	QLG	0	0	0	0	54	44.5	1930	44	104	158	2.364	0.658	0.278	12.6	20.00
1815	40.4110	117.9204	-305.5	388	QLG	0	0	0	0	58	44.4	1845	36	112	176	3.111	0.636	0.205	12.6	20.00
1816	40.4106	117.9202	-306.3	390	QLG	0	0	0	0	61	44.4	1872	32	134	144	4.188	0.931	0.222	12.5	20.00
1817	40.4102	117.9200	-307.9	387	QLG	0	0	0	0	65	44.4	1758	38	121	104	3.184	1.163	0.365	12.5	20.00
1818	40.4098	117.9198	-308.4	391	QLG	0	0	0	0	57	44.5	1810	45	57	166	1.267	0.343	0.271	12.5	20.00
1819	40.4093	117.9196	-310.0	393	QLG	0	0	0	0	59	44.5	1802	32	80	167	2.500	0.479	0.192	12.5	20.00
1820	40.4089	117.9194	-308.3	394	QLG	0	0	0	0	71	44.5	1682	27	113	154	4.185	0.734	0.175	12.5	20.00
1821	40.4086	117.9194	-309.7	390	QLG	0	0	0	0	68	44.4	1751	55	122	113	2.218	1.080	0.487	12.5	20.00
1822	40.4083	117.9194	-309.5	390	QLG	0	0	0	0	65	44.4	1897	40	119	156	2.975	0.763	0.256	12.5	20.00
1823	40.4080	117.9195	-309.4	384	QLG	0	0	0	0	64	46.8	1986	40	122	136	3.050	0.897	0.294	12.5	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1824	40.4077	117.9195	-309.9	384	QLG	0	0	0	0	56	46.8	1897	40	75	175	1.875	0.429	0.229	12.4	20.00
1825	40.4074	117.9195	-310.0	384	QLG	0	0	0	0	56	46.8	1948	31	161	180	5.194	0.894	0.172	12.5	20.00
1826	40.4071	117.9195	-310.8	384	QLG	0	0	0	0	65	46.8	1897	54	114	144	2.111	0.792	0.375	12.5	20.00
1827	40.4068	117.9195	-312.7	380	QLG	0	0	0	0	65	46.7	1979	56	104	138	1.857	0.754	0.406	12.5	20.00
1828	40.4065	117.9195	-312.3	378	QLG	0	0	0	0	57	46.7	1873	33	101	179	3.061	0.564	0.184	12.4	20.00
1829	40.4062	117.9196	-313.2	376	QLG	0	0	0	0	64	46.6	1852	35	154	143	4.400	1.077	0.245	12.4	20.00
1830	40.4059	117.9196	-313.5	376	QLG	0	0	0	0	65	46.6	1771	50	86	146	1.720	0.589	0.342	12.4	20.00
1831	40.4056	117.9196	-313.8	379	QLG	0	0	0	0	70	46.7	1863	47	104	125	2.213	0.832	0.376	12.5	20.00
1832	40.4053	117.9196	-314.6	379	QLG	0	0	0	0	61	46.7	1901	42	106	159	2.524	0.667	0.264	12.4	20.00
1833	40.4050	117.9196	-314.7	382	QLG	0	0	0	0	56	46.8	1793	49	97	136	1.980	0.713	0.360	12.4	20.00
1834	40.4047	117.9197	-315.5	387	QLG	0	0	0	0	57	46.9	1865	43	146	146	3.395	1.000	0.295	12.4	20.00
1835	40.4044	117.9197	-315.0	389	QLG	0	0	1	0	59	47.0	1769	51	12	176	0.235	0.068	0.290	12.4	20.00
1836	40.4041	117.9197	-316.3	391	QLG	0	0	0	0	55	47.0	1845	50	101	144	2.020	0.701	0.347	12.4	20.00
1837	40.4038	117.9197	-315.4	393	QLG	0	0	0	0	61	47.1	1842	50	92	166	1.840	0.554	0.301	12.4	20.00
1838	40.4034	117.9197	-315.2	393	QLG	0	0	0	0	60	47.1	1798	49	55	191	1.122	0.288	0.257	12.4	20.00
1839	40.4031	117.9197	-316.5	394	QLG	0	0	0	0	59	47.1	1755	24	134	136	5.583	0.985	0.176	12.3	20.00
1840	40.4028	117.9198	-315.9	396	QLG	0	0	1	0	67	47.2	1886	55	16	207	0.291	0.077	0.266	12.3	20.00
1841	40.4025	117.9198	-315.7	399	QLG	0	0	0	0	63	47.3	1944	48	99	126	2.063	0.786	0.381	12.3	20.00
1842	40.4022	117.9198	-316.0	403	QLG	0	0	0	0	53	43.3	1900	38	135	130	3.553	1.038	0.292	12.2	20.00
1843	40.4019	117.9198	-316.2	408	QLG	0	0	0	0	65	43.4	1872	41	66	176	1.610	0.375	0.233	12.2	20.00
1844	40.4016	117.9198	-315.8	412	QLG	0	0	0	0	64	43.5	1831	37	42	211	1.135	0.199	0.175	12.1	20.00
1845	40.4013	117.9199	-314.6	416	QLG	0	0	0	0	71	43.6	1843	36	102	166	2.833	0.614	0.217	12.0	20.00
1846	40.4010	117.9199	-314.9	421	QLG	0	0	1	0	68	43.8	1778	68	14	166	0.206	0.084	0.410	12.0	20.00
1847	40.4007	117.9199	-313.7	425	QLG	0	0	0	0	59	43.9	1765	39	138	143	3.538	0.965	0.273	12.0	20.00
1848	40.4004	117.9199	-314.2	435	QLG	0	0	0	0	59	44.1	1843	41	98	141	2.390	0.695	0.291	12.0	20.00
1849	40.4001	117.9199	-313.2	441	QLG	0	0	0	0	59	44.3	1813	40	130	114	3.250	1.140	0.351	12.0	20.00
1850	40.3998	117.9200	-312.3	441	QLG	0	0	0	0	68	44.3	1855	47	98	148	2.085	0.662	0.318	11.9	20.00
1851	40.3995	117.9200	-311.8	444	QLG	0	0	0	0	61	44.3	1778	44	96	151	2.182	0.636	0.291	11.9	20.00
1852	40.3992	117.9200	-312.4	445	QLG	0	0	0	0	64	44.4	1802	26	112	186	4.308	0.602	0.140	11.8	20.00
1853	40.3989	117.9200	-309.7	444	QLG	0	0	0	0	55	44.3	1783	24	152	142	6.333	1.070	0.169	11.8	20.00
1854	40.3986	117.9200	-309.8	444	QLG	0	0	0	0	51	44.3	1815	43	115	164	2.674	0.701	0.262	11.7	20.00
1855	40.3983	117.9200	-310.3	453	QLG	0	0	0	0	66	44.5	1767	30	86	148	2.867	0.581	0.203	11.6	20.00
1856	40.3980	117.9201	-308.6	455	QLG	0	0	0	0	60	44.6	1804	45	101	137	2.244	0.737	0.328	11.6	20.00
1857	40.3977	117.9201	-307.7	461	QLG	0	0	0	0	62	44.8	1742	50	114	94	2.280	1.213	0.532	11.6	20.00
1858	40.3974	117.9201	-307.7	466	QLG	0	0	0	0	68	44.9	1803	38	139	137	3.658	1.015	0.277	11.6	20.00
1859	40.3971	117.9201	-307.0	472	QLG	0	0	1	0	68	45.0	1790	46	7	250	0.152	0.028	0.184	11.6	20.00
1860	40.3967	117.9201	-306.0	478	QLG	0	0	0	0	59	45.1	1817	50	117	152	2.340	0.770	0.329	11.6	20.00
1861	40.3964	117.9202	-305.1	482	QLG	0	0	0	0	66	47.2	1841	45	105	137	2.333	0.766	0.328	11.6	20.00
1862	40.3961	117.9202	-304.1	484	QLG	0	0	0	0	59	47.2	1751	33	46	206	1.394	0.223	0.160	11.6	20.00
1863	40.3958	117.9202	-303.9	485	QLG	0	0	0	0	63	47.3	1788	43	74	150	1.721	0.493	0.287	11.6	20.00
1864	40.3955	117.9202	-303.5	486	QLG	0	0	0	0	64	47.3	1805	38	61	179	1.605	0.341	0.212	11.5	20.00
1865	40.3952	117.9202	-303.3	487	QLG	0	0	0	0	62	47.3	1815	48	79	171	1.646	0.462	0.281	11.5	20.00
1866	40.3949	117.9202	-304.2	488	QLG	0	0	0	0	66	47.3	1772	43	84	155	1.953	0.542	0.277	11.5	20.00
1867	40.3946	117.9203	-303.7	487	QLG	0	0	0	0	71	47.3	1716	35	137	120	3.914	1.142	0.292	11.5	20.00
1868	40.3943	117.9203	-303.3	488	QLG	0	0	0	0	64	47.3	1772	38	53	151	1.395	0.351	0.252	11.5	20.00
1869	40.3940	117.9203	-302.6	489	QLG	0	0	0	0	53	47.4	1769	49	111	88	2.265	1.261	0.557	11.5	20.00
1870	40.3937	117.9203	-303.2	491	QLG	0	0	0	0	50	47.4	1914	45	87	172	1.933	0.506	0.262	11.4	20.00
1871	40.3934	117.9203	-303.3	492	QLG	0	0	0	0	68	47.4	1760	49	52	120	1.061	0.433	0.408	11.4	20.00
1872	40.3931	117.9204	-303.8	494	QLG	0	0	0	0	66	47.5	1784	47	89	132	1.894	0.674	0.356	11.3	20.00
1873	40.3928	117.9204	-304.7	493	QLG	0	0	0	0	59	47.4	1622	39	63	117	1.615	0.538	0.333	11.3	20.00
1874	40.3925	117.9204	-304.7	497	QLG	0	0	0	0	58	47.5	1692	35	81	165	2.314	0.491	0.212	11.3	20.00
1875	40.3922	117.9204	-304.5	497	QLG	0	0	0	0	58	47.6	1797	42	92	145	2.190	0.634	0.290	11.3	20.00
1876	40.3919	117.9204	-305.1	497	QLG	0	0	0	0	54	47.6	1735	39	82	156	2.103	0.526	0.250	11.2	20.00
1877	40.3916	117.9204	-305.5	494	QLG	0	0	0	0	60	47.5	1670	34	94	149	2.765	0.631	0.228	11.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1878	40.3913	117.9205	-305.5	496	QLG	0	0	0	0	69	47.5	1703	27	154	98	5.704	1.571	0.276	11.1	20.00
1879	40.3910	117.9205	-306.4	494	QLG	0	0	0	0	62	47.5	1669	33	108	109	3.273	0.991	0.303	11.1	20.00
1880	40.3907	117.9205	-306.4	496	QLG	0	0	0	0	63	44.5	1896	21	127	136	6.048	0.934	0.154	11.2	20.00
1881	40.3904	117.9205	-306.1	492	QLG	0	0	0	0	59	44.4	1708	25	133	92	5.320	1.446	0.272	11.1	20.00
1882	40.3900	117.9205	-306.4	492	QLG	0	0	0	0	64	44.4	1651	14	168	107	12.000	1.570	0.131	11.1	20.00
1883	40.3897	117.9206	-306.2	492	QLG	0	0	0	0	68	44.4	1802	39	87	151	2.231	0.576	0.258	11.1	20.00
1884	40.3894	117.9206	-305.0	492	QLG	0	0	0	0	62	44.4	1730	34	87	129	2.559	0.674	0.264	11.0	20.00
1885	40.3891	117.9206	-303.6	491	QLG	0	0	0	0	61	44.4	1853	37	93	152	2.514	0.612	0.243	11.0	20.00
1886	40.3888	117.9206	-303.7	493	QLG	0	0	0	0	55	44.4	1646	40	108	107	2.700	1.009	0.374	11.0	20.00
1887	40.3885	117.9206	-303.0	489	QLG	0	0	0	0	58	44.3	1677	35	87	142	2.486	0.613	0.246	11.0	20.00
1888	40.3882	117.9206	-300.1	490	QLG	0	0	0	0	60	44.3	1777	43	106	120	2.465	0.883	0.358	11.0	20.00
1889	40.3879	117.9207	-299.2	489	QLG	0	0	0	0	61	44.3	1743	33	114	158	3.455	0.722	0.209	11.0	20.00
1890	40.3876	117.9207	-298.3	490	QLG	0	0	0	0	62	44.3	1824	62	34	177	0.548	0.192	0.350	11.0	20.00
1891	40.3873	117.9207	-296.6	489	QLG	0	0	0	0	55	44.3	1659	28	123	119	4.393	1.034	0.235	11.0	20.00
1892	40.3870	117.9207	-292.7	486	QLG	0	0	0	0	62	44.2	1724	34	120	158	3.529	0.759	0.215	11.0	20.00
1893	40.3867	117.9207	-290.8	485	QLG	0	0	0	0	55	44.2	1838	54	46	142	0.852	0.324	0.380	11.0	20.00
1894	40.3864	117.9208	-288.4	484	QLG	0	0	0	0	65	44.2	1814	39	100	145	2.564	0.690	0.269	11.0	20.00
1895	40.3861	117.9208	-287.0	483	QLG	0	0	0	0	64	44.2	1834	53	91	146	1.717	0.623	0.363	11.0	20.00
1896	40.3858	117.9208	-285.3	483	QLG	0	0	0	0	71	44.2	1773	20	135	155	6.750	0.871	0.129	11.0	20.00
1897	40.3855	117.9208	-282.9	481	QLG	0	0	0	0	67	44.1	1823	26	149	155	5.731	0.961	0.168	11.1	20.00
1898	40.3852	117.9208	-279.8	478	QLG	0	0	0	0	65	44.1	1815	27	131	170	4.852	0.771	0.159	11.1	20.00
1899	40.3849	117.9208	-278.9	465	QLG	0	0	0	0	69	47.6	1855	33	128	121	3.879	1.058	0.273	11.1	20.00
1900	40.3846	117.9209	-277.6	453	QLG	0	0	0	0	65	47.3	1803	55	138	92	2.509	1.500	0.598	11.1	20.00
1901	40.3843	117.9209	-275.3	444	QLG	0	0	0	0	57	47.0	1705	23	100	191	4.348	0.524	0.120	11.1	20.00
1902	40.3840	117.9209	-273.9	438	QLG	0	0	0	0	60	46.9	1772	53	117	149	2.208	0.785	0.356	11.1	20.00
1903	40.3837	117.9209	-272.5	434	QLG	0	0	0	0	63	46.8	1824	26	137	144	5.269	0.951	0.181	11.2	20.00
1904	40.3833	117.9209	-271.8	434	QLG	0	0	0	0	67	46.8	1745	40	108	113	2.700	0.956	0.354	11.2	20.00
1905	40.3830	117.9210	-267.9	434	QLG	0	0	0	0	60	46.8	1786	49	121	145	2.469	0.834	0.338	11.2	20.00
1906	40.3827	117.9210	-267.2	436	QLG	0	0	0	0	62	46.8	1778	48	109	105	2.271	1.038	0.457	11.2	20.00
1907	40.3824	117.9210	-265.3	436	QLG	0	0	0	0	62	46.8	1914	33	132	182	4.000	0.725	0.181	11.3	20.00
1908	40.3821	117.9210	-264.1	435	QLG	0	0	0	0	61	46.8	1806	51	95	136	1.863	0.699	0.375	11.2	20.00
1909	40.3818	117.9210	-263.7	436	QLG	0	0	0	0	61	46.8	1809	32	103	150	3.219	0.687	0.213	11.3	20.00
1910	40.3815	117.9210	-261.0	441	QLG	0	0	0	0	55	46.9	1861	39	46	197	1.179	0.234	0.198	11.3	20.00
1911	40.3812	117.9211	-260.6	444	QLG	0	0	0	0	56	47.0	1927	46	108	181	2.348	0.597	0.254	11.2	20.00
1912	40.3809	117.9211	-259.9	446	QLG	0	0	0	0	63	47.1	1776	52	40	142	0.769	0.282	0.366	11.2	20.00
1913	40.3806	117.9211	-258.7	449	QLG	0	0	0	0	55	47.2	1873	39	156	128	4.000	1.219	0.305	11.3	20.00
1914	40.3803	117.9211	-258.0	455	QLG	0	0	0	0	63	47.3	1772	39	86	161	2.205	0.534	0.242	11.3	20.00
1915	40.3800	117.9211	-255.3	457	QLG	0	0	0	0	55	47.4	1802	31	103	159	3.323	0.648	0.195	11.3	20.00
1916	40.3797	117.9212	-254.8	461	QLG	0	0	0	0	67	47.5	1881	41	128	145	3.122	0.883	0.283	11.3	20.00
1917	40.3794	117.9212	-253.1	465	QLG	0	0	0	0	61	47.6	1860	19	199	129	10.474	1.543	0.147	11.3	20.00
1918	40.3791	117.9212	-252.4	472	QLG	0	0	0	0	51	44.0	1824	51	120	120	2.353	1.000	0.425	11.3	20.00
1919	40.3788	117.9212	-251.4	480	QLG	0	0	0	0	54	44.2	1822	40	142	128	3.550	1.109	0.313	11.4	20.00
1920	40.3785	117.9212	-250.4	483	QLG	0	0	0	0	57	44.3	1790	15	190	99	12.667	1.919	0.152	11.4	20.00
1921	40.3782	117.9212	-248.5	483	QLG	0	0	0	0	62	44.2	1838	44	142	105	3.227	1.352	0.419	11.4	20.00
1922	40.3779	117.9213	-247.1	484	QLG	0	0	0	0	56	44.3	1802	29	120	137	4.138	0.876	0.212	11.3	20.00
1923	40.3776	117.9213	-246.2	484	QLG	0	0	0	0	63	44.3	1708	49	86	128	1.755	0.672	0.383	11.4	20.00
1924	40.3773	117.9213	-244.8	486	QLG	0	0	0	0	60	44.3	1746	31	117	129	3.774	0.907	0.240	11.4	20.00
1925	40.3770	117.9213	-244.1	481	QLG	0	0	0	0	57	44.2	1793	35	100	156	2.857	0.641	0.224	11.4	20.00
1926	40.3766	117.9213	-243.7	475	QLG	0	0	0	0	60	44.1	1772	26	114	157	4.385	0.726	0.166	11.4	20.00
1927	40.3763	117.9214	-243.1	464	QLG	0	0	0	0	53	43.8	1727	35	148	124	4.229	1.194	0.282	11.4	20.00
1928	40.3760	117.9214	-243.5	461	QLG	0	0	0	0	61	43.7	1831	47	91	129	1.936	0.705	0.364	11.4	20.00
1929	40.3757	117.9214	-244.1	462	QLG	0	0	0	0	56	43.8	1733	43	37	195	0.860	0.190	0.221	11.4	20.00
1930	40.3754	117.9214	-244.0	458	QLG	0	0	0	0	62	43.7	1732	44	113	145	2.568	0.779	0.303	11.4	20.00
1931	40.3751	117.9214	-244.6	449	QLG	0	0	0	0	66	43.5	1710	47	113	128	2.404	0.883	0.367	11.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1932	40.3748	117.9215	-244.5	444	QLG	0	0	0	0	58	43.3	1829	48	33	196	0.688	0.168	0.245	11.4	20.00
1933	40.3745	117.9215	-244.6	437	QLG	0	0	0	0	65	43.2	1671	45	63	118	1.400	0.534	0.381	11.4	20.00
1934	40.3742	117.9215	-244.7	433	QLG	0	0	0	0	61	43.1	1697	32	144	131	4.500	1.099	0.244	11.4	20.00
1935	40.3739	117.9215	-246.5	439	QLG	0	0	0	0	58	43.2	1755	34	147	146	4.324	1.007	0.233	11.5	20.00
1936	40.3736	117.9215	-247.1	442	QLG	0	0	0	0	65	43.3	1800	41	90	109	2.195	0.826	0.376	11.5	20.00
1937	40.3733	117.9215	-245.9	437	QLG	0	0	0	0	69	41.7	1803	35	110	153	3.143	0.719	0.229	11.5	20.00
1938	40.3730	117.9216	-246.5	434	QLG	0	0	0	0	62	41.6	1762	47	117	113	2.489	1.035	0.416	11.5	20.00
1939	40.3727	117.9216	-246.1	431	QLG	0	0	0	0	58	41.5	1799	48	85	160	1.771	0.531	0.300	11.5	20.00
1940	40.3724	117.9216	-247.5	428	QLG	0	0	0	0	62	41.5	1812	40	103	169	2.575	0.609	0.237	11.6	20.00
1941	40.3721	117.9216	-249.5	430	QLG	0	0	0	0	60	41.5	1841	56	117	124	2.089	0.944	0.452	11.6	20.00
1942	40.3718	117.9216	-250.4	428	QLG	0	0	0	0	62	41.5	1880	49	170	164	3.469	1.037	0.299	11.5	20.00
1943	40.3715	117.9217	-250.0	425	QLG	0	0	0	0	62	41.4	1859	44	129	135	2.932	0.956	0.326	11.5	20.00
1944	40.3712	117.9217	-251.1	421	QLG	0	0	0	0	60	41.3	1885	38	102	184	2.684	0.554	0.207	11.5	20.00
1945	40.3709	117.9217	-252.4	418	QLG	0	0	0	0	52	41.2	1896	42	88	212	2.095	0.415	0.198	11.5	20.00
1946	40.3706	117.9217	-253.8	417	QLG	0	0	0	0	59	41.2	1816	53	77	170	1.453	0.453	0.312	11.4	20.00
1947	40.3702	117.9217	-254.1	414	QLG	0	0	0	0	62	41.2	1720	46	64	166	1.391	0.386	0.277	11.4	20.00
1948	40.3699	117.9217	-254.2	413	QLG	0	0	0	0	61	41.1	1752	46	147	129	3.196	1.140	0.357	11.4	20.00
1949	40.3696	117.9218	-255.0	419	QLG	0	0	0	0	66	41.3	1753	40	122	148	3.050	0.824	0.270	11.4	20.00
1950	40.3693	117.9218	-256.8	427	QLG	0	0	0	0	55	41.4	1807	38	75	160	1.974	0.469	0.238	11.5	20.00
1951	40.3690	117.9218	-255.1	432	QLG	0	0	0	0	56	41.6	1820	37	111	160	3.000	0.694	0.231	11.5	20.00
1952	40.3687	117.9218	-255.9	435	QLG	0	0	0	0	57	41.6	1772	36	90	200	2.500	0.450	0.180	11.4	20.00
1953	40.3684	117.9218	-255.2	435	QLG	0	0	0	0	58	41.6	1842	33	140	164	4.242	0.854	0.201	11.4	20.00
1954	40.3681	117.9219	-255.0	438	QLG	0	0	0	0	58	41.7	1723	26	110	187	4.231	0.588	0.139	11.4	20.00
1955	40.3678	117.9219	-255.3	442	QLG	0	0	0	0	67	41.8	1754	27	170	109	6.296	1.560	0.248	11.3	20.00
1956	40.3675	117.9219	-255.6	441	QLG	0	0	0	0	66	39.2	1844	34	89	175	2.618	0.509	0.194	11.3	20.00
1957	40.3672	117.9219	-254.7	439	QLG	0	0	0	0	50	39.2	1815	53	91	162	1.717	0.562	0.327	11.3	20.00
1958	40.3669	117.9219	-255.5	439	QLG	0	0	0	0	64	39.2	1772	34	41	231	1.206	0.177	0.147	11.3	20.00
1959	40.3666	117.9219	-254.9	436	QLG	0	0	0	0	64	39.1	1947	42	122	167	2.905	0.731	0.251	11.3	20.00
1960	40.3663	117.9220	-255.0	431	QLG	0	0	0	0	62	39.0	1827	47	110	189	2.340	0.582	0.249	11.3	20.00
1961	40.3660	117.9220	-254.6	431	QLG	0	0	0	0	57	39.0	1797	41	118	152	2.878	0.776	0.270	11.3	20.00
1962	40.3657	117.9220	-254.2	434	QLG	0	0	0	0	61	39.1	1784	39	65	187	1.667	0.348	0.209	11.3	20.00
1963	40.3654	117.9220	-254.2	434	QLG	0	0	0	0	56	39.1	1782	37	152	134	4.108	1.134	0.276	11.3	20.00
1964	40.3651	117.9220	-254.8	438	QLG	0	0	0	0	61	39.2	1983	43	104	162	2.419	0.642	0.265	11.3	20.00
1965	40.3648	117.9221	-254.7	432	QLG	0	0	0	0	59	39.1	1737	30	143	149	4.767	0.960	0.201	11.3	20.00
1966	40.3645	117.9221	-253.5	432	QLG	0	0	0	0	56	39.0	1778	49	75	154	1.531	0.487	0.318	11.3	20.00
1967	40.3642	117.9221	-253.8	431	QLG	0	0	0	0	64	39.0	1845	46	75	179	1.630	0.419	0.257	11.3	20.00
1968	40.3639	117.9221	-253.4	433	QLG	0	0	0	0	54	39.1	1770	50	96	147	1.920	0.653	0.340	11.2	20.00
1969	40.3635	117.9221	-252.7	436	QLG	0	0	0	0	66	39.1	1861	48	84	159	1.750	0.528	0.302	11.2	20.00
1970	40.3632	117.9221	-252.0	439	QLG	0	0	0	0	67	39.2	1888	37	125	147	3.378	0.850	0.252	11.2	20.00
1971	40.3629	117.9222	-251.3	440	QLG	0	0	0	0	58	39.2	1776	32	167	122	5.219	1.369	0.262	11.2	20.00
1972	40.3626	117.9222	-250.1	445	QLG	0	0	0	0	57	39.3	1819	52	77	159	1.481	0.484	0.327	11.2	20.00
1973	40.3623	117.9222	-250.7	447	QLG	0	0	0	0	64	39.4	1737	59	98	133	1.661	0.737	0.444	11.2	20.00
1974	40.3620	117.9222	-250.5	446	QLG	0	0	0	0	66	39.4	1819	53	109	149	2.057	0.732	0.356	11.2	20.00
1975	40.3617	117.9222	-249.6	446	QLG	0	0	0	0	58	36.7	1882	36	130	163	3.611	0.798	0.221	11.2	20.00
1976	40.3614	117.9223	-248.2	445	QLG	0	0	0	0	60	36.7	1815	48	131	145	2.729	0.903	0.331	11.2	20.00
1977	40.3611	117.9223	-249.0	443	QLG	0	0	0	0	56	36.7	1767	29	130	168	4.483	0.774	0.173	11.2	20.00
1978	40.3608	117.9223	-247.8	442	QLG	0	0	0	0	65	36.6	1779	38	101	157	2.658	0.643	0.242	11.1	20.00
1979	40.3605	117.9223	-248.4	442	QLG	0	0	0	0	62	36.7	1825	34	134	156	3.941	0.859	0.218	11.2	20.00
1980	40.3602	117.9223	-246.8	443	QLG	0	0	0	0	62	36.7	1872	53	97	173	1.830	0.561	0.306	11.2	20.00
1981	40.3599	117.9223	-248.3	443	QLG	0	0	0	0	55	36.7	1735	40	124	124	3.100	1.000	0.323	11.2	20.00
1982	40.3596	117.9224	-247.1	444	QLG	0	0	0	0	60	36.7	1885	49	116	131	2.367	0.885	0.374	11.2	20.00
1983	40.3593	117.9224	-246.3	440	QLG	0	0	0	0	63	36.6	1791	11	162	165	14.727	0.982	0.067	11.2	20.00
1984	40.3590	117.9224	-245.3	443	QLG	0	0	0	0	59	36.7	1962	42	180	134	4.286	1.343	0.313	11.2	20.00
1985	40.3587	117.9224	-245.7	439	QLG	0	0	0	0	67	36.6	1790	35	131	79	3.743	1.658	0.443	11.1	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1986	40.3584	117.9224	-245.0	436	QLG	0	0	0	0	65	36.5	1765	48	95	150	1.979	0.633	0.320	11.1	20.00
1987	40.3581	117.9225	-243.9	437	QLG	0	0	0	0	57	36.5	1766	35	108	182	3.086	0.593	0.192	11.1	20.00
1988	40.3578	117.9225	-243.9	440	QLG	0	0	0	0	54	36.6	1717	38	138	135	3.632	1.022	0.281	11.2	20.00
1989	40.3575	117.9225	-244.7	442	QLG	0	0	0	0	50	36.6	1754	42	91	140	2.167	0.650	0.300	11.1	20.00
1990	40.3572	117.9225	-244.5	442	QLG	0	0	0	0	57	36.7	1786	30	97	167	3.233	0.581	0.180	11.1	20.00
1991	40.3568	117.9225	-244.2	437	QLG	0	0	0	0	56	36.5	1783	38	135	134	3.553	1.007	0.284	11.1	20.00
1992	40.3565	117.9225	-244.0	433	QLG	0	0	0	0	55	36.5	1755	42	117	159	2.786	0.736	0.264	11.0	20.00
1993	40.3562	117.9226	-243.4	432	QLG	0	0	0	0	60	36.4	1803	34	125	152	3.676	0.822	0.224	11.1	20.00
1994	40.3559	117.9226	-243.9	435	QLG	0	0	0	0	56	35.2	1795	35	152	162	4.343	0.938	0.216	11.1	20.00
1995	40.3556	117.9226	-243.2	436	QLG	0	0	0	0	61	35.2	1768	46	118	128	2.565	0.922	0.359	11.2	20.00
1996	40.3553	117.9226	-243.8	437	QLG	0	0	0	0	72	35.2	1689	30	123	159	4.100	0.774	0.189	11.2	20.00
1997	40.3550	117.9226	-243.1	441	QLG	0	0	0	0	63	35.3	1788	43	136	144	3.163	0.944	0.299	11.2	20.00
1998	40.3547	117.9227	-241.9	448	QLG	0	0	0	0	67	35.4	1775	23	120	173	5.217	0.694	0.133	11.2	20.00
1999	40.3544	117.9227	-241.9	461	QLG	0	0	0	0	66	35.7	1813	52	98	142	1.885	0.690	0.366	11.2	20.00
2000	40.3541	117.9227	-242.9	469	QLG	0	0	0	0	59	35.8	1789	30	107	147	3.567	0.728	0.204	11.2	20.00
2001	40.3538	117.9227	-244.1	483	QLG	0	0	0	0	60	36.1	1825	56	85	129	1.518	0.659	0.434	11.2	20.00
2002	40.3535	117.9227	-241.9	485	QLG	0	0	0	0	69	36.1	1615	38	125	126	3.289	0.992	0.302	11.1	20.00
2003	40.3532	117.9227	-243.5	485	QLG	0	0	0	0	64	36.1	1814	35	132	164	3.771	0.805	0.213	11.2	20.00
2004	40.3529	117.9228	-242.0	488	QLG	0	0	0	0	59	36.2	1684	33	108	138	3.273	0.783	0.239	11.2	20.00
2005	40.3526	117.9228	-243.8	488	QLG	0	0	0	0	58	36.2	1787	29	162	168	5.586	0.964	0.173	11.2	20.00
2006	40.3523	117.9228	-243.2	489	QLG	0	0	0	0	68	36.2	1695	38	88	143	2.316	0.615	0.266	11.3	20.00
2007	40.3520	117.9228	-243.2	488	QLG	0	0	0	0	65	36.2	1768	36	168	144	4.667	1.167	0.250	11.3	20.00
2008	40.3517	117.9228	-243.8	487	QLG	0	0	0	0	62	36.1	1738	27	130	121	4.815	1.074	0.223	11.3	20.00
2009	40.3514	117.9229	-244.5	482	QLG	0	0	0	0	66	36.0	1792	29	94	159	3.241	0.591	0.182	11.3	20.00
2010	40.3511	117.9229	-244.4	466	QLG	0	0	0	0	55	35.7	1850	32	130	134	4.063	0.970	0.239	11.3	20.00
2011	40.3508	117.9229	-244.9	449	QLG	0	0	0	0	64	35.4	1963	34	152	130	4.471	1.169	0.262	11.3	20.00
2012	40.3505	117.9229	-244.9	433	QLG	0	0	0	0	53	35.1	1806	41	129	142	3.146	0.908	0.289	11.3	20.00
2013	40.3501	117.9229	-245.8	423	QLG	0	0	0	0	72	34.8	1840	30	123	205	4.100	0.600	0.146	11.3	20.00
2014	40.3498	117.9230	-247.2	415	QLG	0	0	0	0	68	34.7	1812	32	63	226	1.969	0.279	0.142	11.3	20.00
2015	40.3495	117.9230	-248.5	412	QLG	0	0	0	0	59	34.6	1832	43	28	206	0.651	0.136	0.209	11.4	20.00
2016	40.3492	117.9230	-249.4	406	QLG	0	0	0	0	63	34.5	1835	40	76	214	1.900	0.355	0.187	11.4	20.00
2017	40.3489	117.9230	-249.3	400	QLG	0	0	0	0	69	34.4	1871	44	88	157	2.000	0.561	0.280	11.4	20.00
2018	40.3486	117.9230	-248.9	397	QLG	0	0	0	0	55	34.3	1776	33	102	191	3.091	0.534	0.173	11.5	20.00
2019	40.3483	117.9230	-248.7	395	QLG	0	0	0	0	56	34.3	1819	49	33	229	0.673	0.144	0.214	11.5	20.00
2020	40.3480	117.9231	-249.1	391	QLG	0	0	0	0	62	34.2	1898	46	153	135	3.326	1.133	0.341	11.5	20.00
2021	40.3477	117.9231	-248.9	385	QLG	0	0	0	0	60	34.1	1806	40	114	160	2.850	0.712	0.250	11.5	20.00
2022	40.3474	117.9231	-250.6	379	QLG	0	0	0	0	60	33.9	1851	44	114	182	2.591	0.626	0.242	11.6	20.00
2023	40.3471	117.9231	-250.7	378	QLG	0	0	0	0	56	33.9	1743	30	170	161	5.667	1.056	0.186	11.7	20.00
2024	40.3468	117.9231	-251.5	379	QLG	0	0	0	0	63	34.0	1801	44	93	150	2.114	0.620	0.293	11.6	20.00
2025	40.3465	117.9232	-251.3	378	QLG	0	0	0	0	55	33.9	1905	57	113	156	2.093	0.724	0.346	11.7	20.00
2026	40.3462	117.9232	-251.7	377	QLG	0	0	0	0	59	33.9	1799	43	99	171	2.302	0.579	0.251	11.7	20.00
2027	40.3459	117.9232	-252.2	377	QLG	0	0	0	0	63	33.9	1842	48	160	109	3.333	1.468	0.440	11.8	20.00
2028	40.3456	117.9232	-251.8	378	QLG	0	0	0	0	69	33.9	1815	44	120	168	2.727	0.714	0.262	11.8	20.00
2029	40.3453	117.9232	-250.9	379	QLG	0	0	0	0	54	33.9	1770	43	72	205	1.674	0.351	0.210	11.8	20.00
2030	40.3450	117.9232	-250.5	379	QLG	0	0	0	0	58	33.9	1737	41	82	169	2.000	0.485	0.243	11.8	20.00
2031	40.3447	117.9233	-249.8	377	QLG	0	0	0	0	56	33.9	1747	57	78	135	1.368	0.578	0.422	11.8	20.00
2032	40.3444	117.9233	-250.6	379	QLG	0	0	0	0	55	40.1	1768	34	173	141	5.088	1.227	0.241	11.9	20.00
2033	40.3441	117.9233	-250.1	384	QLG	0	0	0	0	54	40.3	1753	43	84	175	1.953	0.480	0.246	11.9	20.00
2034	40.3438	117.9233	-251.4	391	QLG	0	0	0	0	56	40.4	1774	49	98	156	2.000	0.628	0.314	11.9	20.00
2035	40.3434	117.9233	-251.7	394	QLG	0	0	0	0	56	40.5	1686	44	71	173	1.614	0.410	0.254	11.9	20.00
2036	40.3431	117.9234	-251.7	401	QLG	0	0	0	0	60	40.7	1729	29	99	168	3.414	0.589	0.173	12.0	20.00
2037	40.3428	117.9234	-251.6	402	QLG	0	0	0	0	63	40.7	1824	42	56	198	1.333	0.283	0.212	12.0	20.00
2038	40.3425	117.9234	-251.1	403	QLG	0	0	0	0	54	40.7	1760	47	74	170	1.574	0.435	0.276	12.0	20.00
2039	40.3422	117.9234	-250.7	404	QLG	0	0	0	0	54	40.7	1774	33	147	128	4.455	1.148	0.258	12.0	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2040	40.3419	117.9234	-251.5	407	QLG	0	0	1	0	68	40.8	1741	36	25	196	0.694	0.128	0.184	12.0	20.00
2041	40.3416	117.9234	-250.3	411	QLG	0	0	0	0	58	40.9	1818	27	176	154	6.519	1.143	0.175	12.1	20.00
2042	40.3413	117.9235	-249.6	417	QLG	0	0	0	0	59	41.0	1768	56	97	122	1.732	0.795	0.459	12.1	20.00
2043	40.3410	117.9235	-249.1	419	QLG	0	0	0	0	68	41.1	1751	29	136	147	4.690	0.925	0.197	12.1	20.00
2044	40.3407	117.9235	-248.4	426	QLG	0	0	0	0	63	41.3	1795	43	91	167	2.116	0.545	0.257	12.2	20.00
2045	40.3404	117.9235	-247.2	428	QLG	0	0	0	0	62	41.3	1829	32	112	168	3.500	0.667	0.190	12.2	20.00
2046	40.3401	117.9235	-247.3	429	QLG	0	0	0	0	56	41.3	1797	47	68	161	1.447	0.422	0.292	12.1	20.00
2047	40.3398	117.9236	-245.9	432	QLG	0	0	0	0	69	41.4	1807	37	120	151	3.243	0.795	0.245	12.2	20.00
2048	40.3395	117.9236	-245.6	438	QLG	0	0	0	0	58	41.5	1841	50	118	136	2.360	0.868	0.368	12.2	20.00
2049	40.3392	117.9236	-246.0	440	QLG	0	0	0	0	64	41.6	1806	32	148	137	4.625	1.080	0.234	12.2	20.00
2050	40.3389	117.9236	-244.9	450	QLG	0	0	0	0	63	41.8	1908	48	63	197	1.313	0.320	0.244	12.3	20.00
2051	40.3386	117.9236	-245.2	456	QLG	0	0	0	0	66	48.6	1779	34	173	92	5.088	1.880	0.370	12.3	20.00
2052	40.3383	117.9236	-245.5	460	QLG	0	0	0	0	64	48.7	1835	33	153	134	4.636	1.142	0.246	12.3	20.00
2053	40.3380	117.9237	-243.8	465	QLG	0	0	0	0	63	48.8	1763	28	103	128	3.679	0.805	0.219	12.3	20.00
2054	40.3377	117.9237	-244.4	468	QLG	0	0	0	0	56	48.9	1788	46	103	151	2.239	0.682	0.305	12.3	20.00
2055	40.3374	117.9237	-242.2	467	QLG	0	0	0	0	60	48.9	1787	25	53	218	2.120	0.243	0.115	12.4	20.00
2056	40.3371	117.9237	-240.3	464	QLG	0	0	0	0	59	48.8	1872	32	144	135	4.500	1.067	0.237	12.4	20.00
2057	40.3367	117.9237	-239.4	457	QLG	0	0	0	0	58	48.6	1897	33	99	198	3.000	0.500	0.167	12.4	20.00
2058	40.3364	117.9238	-238.5	454	QLG	0	0	0	0	47	48.5	1786	52	108	151	2.077	0.715	0.344	12.4	20.00
2059	40.3361	117.9238	-237.1	452	QLG	0	0	0	0	58	48.5	1772	42	96	140	2.286	0.686	0.300	12.4	20.00
2060	40.3358	117.9238	-235.7	452	QLG	0	0	0	0	61	48.5	1887	41	166	105	4.049	1.581	0.390	12.4	20.00
2061	40.3355	117.9238	-233.1	447	QLG	0	0	0	0	61	48.3	1845	45	120	117	2.667	1.026	0.385	12.5	20.00
2062	40.3352	117.9238	-232.9	449	QLG	0	0	0	0	56	48.4	1855	29	145	129	5.000	1.124	0.225	12.5	20.00
2063	40.3349	117.9238	-231.0	451	QLG	0	0	0	0	62	48.4	1812	43	105	124	2.442	0.847	0.347	12.6	20.00
2064	40.3346	117.9239	-230.3	452	QLG	0	0	1	0	60	48.5	1810	42	-2	210	-0.048	-0.010	0.200	12.6	20.00
2065	40.3343	117.9239	-230.1	453	QLG	0	0	0	0	64	48.5	1842	41	136	118	3.317	1.153	0.347	12.6	20.00
2066	40.3340	117.9239	-229.9	449	QLG	0	0	0	0	54	48.4	1872	57	53	153	0.930	0.346	0.373	12.5	20.00
2067	40.3337	117.9239	-229.1	445	QLG	0	0	0	0	65	48.3	1863	31	197	113	6.355	1.743	0.274	12.5	20.00
2068	40.3334	117.9239	-229.9	448	QLG	0	0	0	0	65	48.4	1952	32	76	186	2.375	0.409	0.172	12.5	20.00
2069	40.3331	117.9240	-229.0	445	QLG	0	0	0	0	65	48.3	1874	31	116	168	3.742	0.690	0.185	12.5	20.00
2070	40.3328	117.9240	-229.3	446	QLG	0	0	0	0	62	50.5	1846	46	58	165	1.261	0.352	0.279	12.5	20.00
2071	40.3325	117.9240	-229.4	448	QLG	0	0	0	0	57	50.6	1864	61	128	130	2.098	0.985	0.469	12.5	20.00
2072	40.3322	117.9240	-229.5	447	QLG	0	0	0	0	65	50.5	1815	45	125	152	2.778	0.822	0.296	12.5	20.00
2073	40.3319	117.9240	-228.3	441	QLG	0	0	0	0	65	50.4	1839	30	111	139	3.700	0.799	0.216	12.5	20.00
2074	40.3316	117.9240	-226.7	439	QLG	0	0	0	0	60	50.3	1886	44	153	105	3.477	1.457	0.419	12.5	20.00
2075	40.3313	117.9241	-225.0	440	QLG	0	0	1	0	61	50.3	1819	61	0	180	0.016	0.006	0.339	12.5	20.00
2076	40.3310	117.9241	-224.5	443	QLG	0	0	0	0	65	50.4	1891	48	102	117	2.125	0.872	0.410	12.5	20.00
2077	40.3307	117.9241	-224.1	443	QLG	0	0	0	0	62	50.4	1847	43	136	96	3.163	1.417	0.448	12.5	20.00
2078	40.3304	117.9241	-224.2	444	QLG	0	0	0	0	57	50.5	1911	54	42	198	0.778	0.212	0.273	12.4	20.00
2079	40.3300	117.9241	-223.3	440	QLG	0	0	0	0	67	50.4	1852	50	71	171	1.420	0.415	0.292	12.4	20.00
2080	40.3297	117.9242	-222.1	445	QLG	0	0	0	0	61	50.5	1871	38	105	167	2.763	0.629	0.228	12.4	20.00
2081	40.3294	117.9242	-220.4	443	QLG	0	0	0	0	62	50.4	1784	31	118	119	3.806	0.992	0.261	12.4	20.00
2082	40.3291	117.9242	-220.7	446	QLG	0	0	1	0	64	50.5	1907	37	17	214	0.459	0.079	0.173	12.4	20.00
2083	40.3288	117.9242	-219.6	447	QLG	0	0	0	0	55	50.5	1965	61	108	134	1.770	0.806	0.455	12.4	20.00
2084	40.3285	117.9242	-217.8	451	QLG	0	0	0	0	59	50.7	1981	48	54	223	1.125	0.242	0.215	12.4	20.00
2085	40.3282	117.9243	-217.9	450	QLG	0	0	0	0	58	50.6	1891	30	164	130	5.467	1.262	0.231	12.4	20.00
2086	40.3279	117.9243	-217.3	450	QLG	0	0	0	0	61	50.6	1939	41	66	170	1.610	0.388	0.241	12.4	20.00
2087	40.3276	117.9243	-217.6	447	QLG	0	0	0	0	66	50.5	1851	41	58	199	1.415	0.291	0.206	12.5	20.00
2088	40.3273	117.9243	-216.2	448	QLG	0	0	0	0	66	50.6	1822	48	112	151	2.333	0.742	0.318	12.4	20.00
2089	40.3270	117.9243	-218.0	453	QLG	0	0	0	0	56	49.6	1788	48	123	102	2.563	1.206	0.471	12.4	20.00
2090	40.3267	117.9243	-217.0	458	QLG	0	0	0	0	62	49.8	1841	38	112	131	2.947	0.855	0.290	12.4	20.00
2091	40.3264	117.9244	-217.8	464	QLG	0	0	0	0	59	49.9	1916	33	128	163	3.879	0.785	0.202	12.4	20.00
2092	40.3261	117.9244	-216.9	465	QLG	0	0	0	0	72	49.9	1825	26	148	103	5.692	1.437	0.252	12.4	20.00
2093	40.3258	117.9244	-216.0	465	QLG	0	0	0	0	62	49.9	1864	24	174	147	7.250	1.184	0.163	12.4	20.00

BP
20.00
20.00
20.00

P	BP
0	20.00
0	20.00
9	20.00
9	20.00
9	20.00
8	20.00
8	20.00
8	20.00
8	20.00
7	20.00
6	20.00
5	20.00
5	20.00
5	20.00
5	20.00
4	20.00
3	20.00
3	20.00
3	20.00
3	20.00
3	20.00
2	20.00
2	20.00
2	20.00
2	20.00
2	20.00
1	20.00
1	20.00
1	20.00
0	20.00
0	20.00
0	20.00
9	20.00
9	20.00
9	20.00
9	20.00
9	20.00
8	20.00
8	20.00
8	20.00
8	20.00
9	20.00
9	20.00
9	20.00
0	20.00
9	20.00
9	20.00
0	20.00
0	20.00
0	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2148	40.3090	117.9254	-217.8	430	QLG	0	0	0	0	61	45.5	1694	25	96	188	3.840	0.511	0.133	12.6	20.00
2149	40.3087	117.9254	-218.7	424	QLG	0	0	0	0	56	45.4	1742	34	121	132	3.559	0.917	0.258	12.6	20.00
2150	40.3084	117.9254	-220.1	416	QLG	0	0	0	0	70	45.1	1611	22	129	138	5.864	0.935	0.159	12.6	20.00
2151	40.3081	117.9255	-220.9	414	QLG	0	0	0	0	59	45.1	1726	33	179	113	5.424	1.584	0.292	12.6	20.00
2152	40.3078	117.9255	-222.3	414	QLG	0	0	0	0	58	45.1	1801	46	133	121	2.891	1.099	0.380	12.6	20.00
2153	40.3075	117.9255	-223.6	417	QLG	0	0	0	0	54	45.2	1834	34	81	159	2.382	0.509	0.214	12.7	20.00
2154	40.3072	117.9255	-224.4	417	QLG	0	0	0	0	55	45.2	1763	39	114	118	2.923	0.966	0.331	12.7	20.00
2155	40.3069	117.9255	-225.2	413	QLG	0	0	0	0	63	45.1	1810	51	86	149	1.686	0.577	0.342	12.7	20.00
2156	40.3066	117.9255	-226.3	413	QLG	0	0	0	0	58	45.1	1790	35	98	184	2.800	0.533	0.190	12.7	20.00
2157	40.3063	117.9256	-228.2	411	QLG	0	0	0	0	60	45.0	1876	29	154	162	5.310	0.951	0.179	12.8	20.00
2158	40.3060	117.9256	-229.4	418	QLG	0	0	0	0	68	45.2	1852	35	118	166	3.371	0.711	0.211	12.8	20.00
2159	40.3057	117.9256	-230.0	418	QLG	0	0	0	0	54	45.2	1832	27	198	100	7.333	1.980	0.270	12.9	20.00
2160	40.3054	117.9256	-231.1	416	QLG	0	0	0	0	64	45.2	1961	43	162	123	3.767	1.317	0.350	12.9	20.00
2161	40.3051	117.9256	-231.7	411	QLG	0	0	0	0	59	45.0	1890	53	160	100	3.019	1.600	0.530	12.9	20.00
2162	40.3048	117.9257	-232.6	404	QLG	0	0	0	0	58	44.8	1790	30	168	144	5.600	1.167	0.208	12.8	20.00
2163	40.3045	117.9257	-233.0	397	QLG	0	0	0	0	57	44.7	1834	39	121	143	3.103	0.846	0.273	12.9	20.00
2164	40.3042	117.9257	-234.6	397	QLG	0	0	0	0	58	44.7	1889	40	157	145	3.925	1.083	0.276	13.0	20.00
2165	40.3039	117.9257	-237.2	396	QLG	0	0	0	0	54	44.6	1770	38	112	158	2.947	0.709	0.241	13.0	20.00
2166	40.3036	117.9257	-238.3	392	QLG	0	0	0	0	56	44.5	1909	38	135	163	3.553	0.828	0.233	13.0	20.00
2167	40.3032	117.9257	-238.9	391	QLG	0	0	0	0	60	44.5	1900	34	88	174	2.588	0.506	0.195	13.0	20.00
2168	40.3029	117.9258	-238.2	388	QLG	0	0	0	0	61	44.4	1830	31	115	169	3.833	0.680	0.178	12.9	20.00
2169	40.3026	117.9258	-239.3	384	QLG	0	0	0	0	61	44.3	1821	27	168	154	6.222	1.091	0.175	12.9	20.00
2170	40.3023	117.9258	-240.4	382	QLG	0	0	0	0	61	44.3	1799	30	131	125	4.367	1.048	0.240	12.9	20.00
2171	40.3020	117.9258	-240.5	381	QLG	0	0	0	0	63	44.2	1757	29	126	172	4.345	0.733	0.169	12.9	20.00
2172	40.3017	117.9258	-241.1	380	QLG	0	0	0	0	63	44.2	1879	31	158	151	5.097	1.046	0.205	12.9	20.00
2173	40.3014	117.9259	-241.6	382	QLG	0	0	0	0	57	44.3	1798	44	100	111	2.273	0.901	0.396	12.9	20.00
2174	40.3011	117.9259	-242.0	380	QLG	0	0	0	0	59	44.2	1807	28	149	143	5.321	1.042	0.196	12.9	20.00
2175	40.3008	117.9259	-242.1	378	QLG	0	0	0	0	55	44.2	1700	29	134	99	4.621	1.354	0.293	12.9	20.00
2176	40.3005	117.9259	-241.1	380	QLG	0	0	0	0	53	44.2	1794	40	55	175	1.375	0.314	0.229	12.9	20.00
2177	40.3002	117.9259	-242.7	380	QLG	0	0	0	0	54	44.2	1646	35	110	139	3.143	0.791	0.252	12.9	20.00
2178	40.2999	117.9260	-244.8	385	QLG	0	0	0	0	55	44.3	1770	43	120	129	2.791	0.930	0.333	12.9	20.00
2179	40.2996	117.9260	-242.1	387	QLG	0	0	0	0	62	44.4	1785	22	106	166	4.818	0.639	0.133	12.8	20.00
2180	40.2993	117.9260	-242.6	388	QLG	0	0	0	0	64	44.4	1714	34	120	103	3.529	1.165	0.330	12.8	20.00
2181	40.2990	117.9260	-242.5	386	QLG	0	0	0	0	65	44.3	1695	31	105	118	3.387	0.890	0.263	12.8	20.00
2182	40.2987	117.9260	-242.1	385	QLG	0	0	0	0	53	44.3	1629	30	126	112	4.200	1.125	0.268	12.8	20.00
2183	40.2984	117.9260	-242.7	381	QLG	0	0	0	0	49	44.2	1718	33	124	98	3.758	1.265	0.337	12.7	20.00
2184	40.2981	117.9261	-242.5	377	QLG	0	0	0	0	60	44.2	1664	26	88	147	3.385	0.599	0.177	12.7	20.00
2185	40.2978	117.9261	-242.4	376	QLG	0	0	0	0	64	44.2	1736	31	109	144	3.516	0.757	0.215	12.7	20.00
2186	40.2975	117.9261	-242.7	374	QLG	0	0	0	0	56	44.1	1673	24	116	149	4.833	0.779	0.161	12.7	20.00
2187	40.2972	117.9261	-242.3	375	QLG	0	0	0	0	56	44.2	1688	27	136	137	5.037	0.993	0.197	12.7	20.00
2188	40.2969	117.9261	-241.8	379	QLG	0	0	0	0	61	44.3	1697	34	100	104	2.941	0.962	0.327	12.6	20.00
2189	40.2965	117.9262	-241.9	382	QLG	0	0	0	0	58	44.4	1647	23	142	133	6.174	1.068	0.173	12.6	20.00
2190	40.2962	117.9262	-241.4	385	QLG	0	0	0	0	57	44.5	1769	42	100	141	2.381	0.709	0.298	12.6	20.00
2191	40.2959	117.9262	-240.0	389	QLG	0	0	0	0	58	44.5	1700	43	64	150	1.488	0.427	0.287	12.6	20.00
2192	40.2956	117.9262	-240.1	391	QLG	0	0	0	0	59	44.6	1774	36	80	156	2.222	0.513	0.231	12.5	20.00
2193	40.2953	117.9262	-238.9	390	QLG	0	0	0	0	65	44.6	1668	29	90	142	3.103	0.634	0.204	12.5	20.00
2194	40.2950	117.9262	-238.0	387	QLG	0	0	0	0	73	44.5	1620	17	106	151	6.235	0.702	0.113	12.4	20.00
2195	40.2947	117.9263	-238.1	387	QLG	0	0	0	0	53	44.5	1681	23	101	142	4.391	0.711	0.162	12.4	20.00
2196	40.2944	117.9263	-237.9	388	QLG	0	0	0	0	59	44.5	1668	27	83	142	3.074	0.585	0.190	12.4	20.00
2197	40.2941	117.9263	-237.3	386	QLG	0	0	0	0	61	44.5	1566	28	38	182	1.357	0.209	0.154	12.4	20.00
2198	40.2938	117.9263	-237.1	386	QLG	0	0	0	0	62	44.5	1513	23	67	147	2.913	0.456	0.156	12.3	20.00
2199	40.2935	117.9263	-235.7	382	QLG	0	0	0	0	64	44.4	1555	33	66	135	2.000	0.489	0.244	12.3	20.00
2200	40.2932	117.9264	-235.0	383	QLG	0	0	0	0	57	44.4	1599	28	50	156	1.786	0.321	0.179	12.3	20.00
2201	40.2929	117.9264	-235.1	381	QLG	0	0	0	0	65	44.3	1470	16	127	106	7.938	1.198	0.151	12.2	20.00

MP	BP
.9	20.00
.0	20.00
.0	20.00
.1	20.00
.1	20.00
.1	20.00
.0	20.00
.1	20.00
.1	20.00
.1	20.00
.1	20.00
.2	20.00
.2	20.00
.3	20.00
.3	20.00
.3	20.00
.3	20.00
.4	20.00
.4	20.00
.4	20.00
.4	20.00
.5	20.00
.5	20.00
.5	20.00
.5	20.00
.5	20.00
.5	20.00
.6	20.00
.5	20.00
.6	20.00
.6	20.00
.6	20.00
.7	20.00
.7	20.00
.8	20.00
.9	20.00
.9	20.00
.9	20.00
.0	20.00
.0	20.00
.1	20.00
.1	20.00
.2	20.00
.3	20.00
.3	20.00
.4	20.00
.6	20.00
.7	20.00
.8	20.00
.9	20.00
.1	20.00
.2	20.00
.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2202	40.2926	117.9264	-234.7	382	QLG	0	0	0	0	58	44.4	1495	37	48	144	1.297	0.333	0.257	12.2	20.00
2203	40.2923	117.9264	-234.3	380	QLG	0	0	1	0	63	47.3	1522	34	10	150	0.294	0.067	0.227	12.2	20.00
2204	40.2920	117.9264	-232.3	379	QLG	0	0	0	0	68	47.3	1500	32	45	140	1.406	0.321	0.229	12.1	20.00
2205	40.2917	117.9264	-231.7	378	QLG	0	0	1	0	57	47.2	1418	33	21	135	0.636	0.156	0.244	12.1	20.00
2206	40.2914	117.9265	-231.3	376	QLG	0	0	1	0	59	47.2	1401	24	7	163	0.292	0.043	0.147	12.1	20.00
2207	40.2911	117.9265	-229.6	375	QLG	0	0	0	0	50	47.1	1494	28	71	121	2.536	0.587	0.231	12.1	20.00
2208	40.2908	117.9265	-229.2	374	QLG	0	0	0	0	59	47.1	1426	22	80	98	3.636	0.816	0.224	12.0	20.00
2209	40.2905	117.9265	-228.1	368	QLG	0	0	0	0	66	46.9	1362	28	45	128	1.607	0.352	0.219	11.9	20.00
2210	40.2902	117.9265	-227.5	363	QLG	0	0	0	0	56	46.8	1336	19	100	112	5.263	0.893	0.170	11.9	20.00
2211	40.2898	117.9266	-226.3	362	QLG	0	0	0	0	60	46.8	1341	12	85	117	7.083	0.726	0.103	11.9	20.00
2212	40.2895	117.9266	-226.1	362	QLG	0	0	1	0	59	46.8	1348	29	18	138	0.621	0.130	0.210	11.9	20.00
2213	40.2892	117.9266	-226.2	368	QLG	0	0	0	0	55	46.9	1362	20	79	98	3.950	0.806	0.204	11.9	20.00
2214	40.2889	117.9266	-226.2	375	QLG	0	0	0	0	62	47.1	1424	18	115	103	6.389	1.117	0.175	11.8	20.00
2215	40.2886	117.9266	-224.0	379	QLG	0	0	0	0	63	47.2	1495	20	104	91	5.200	1.143	0.220	11.8	20.00
2216	40.2883	117.9266	-223.6	379	QLG	0	0	0	0	54	47.3	1412	16	128	100	8.000	1.280	0.160	11.8	20.00
2217	40.2880	117.9267	-224.4	379	QLG	0	0	0	0	60	47.3	1506	43	78	123	1.814	0.634	0.350	11.7	20.00
2218	40.2877	117.9267	-220.9	383	QLG	0	0	0	0	53	47.4	1450	22	78	146	3.545	0.534	0.151	11.7	20.00
2219	40.2874	117.9267	-220.0	386	QLG	0	0	0	0	57	47.5	1447	9	124	123	13.778	1.008	0.073	11.8	20.00
2220	40.2871	117.9267	-218.1	388	QLG	0	0	0	0	64	47.5	1545	25	95	115	3.800	0.826	0.217	11.7	20.00
2221	40.2868	117.9267	-218.4	389	QLG	0	0	0	0	56	47.5	1530	24	90	120	3.750	0.750	0.200	11.7	20.00
2222	40.2865	117.9268	-217.2	389	QLG	0	0	1	0	67	47.3	1546	29	24	138	0.828	0.174	0.210	11.7	20.00
2223	40.2862	117.9268	-216.5	389	QLG	0	0	0	0	55	47.3	1503	37	69	108	1.865	0.639	0.343	11.7	20.00
2224	40.2859	117.9268	-215.1	387	QLG	0	0	0	0	63	47.2	1496	30	62	153	2.067	0.405	0.196	11.7	20.00
2225	40.2856	117.9268	-214.4	385	QLG	0	0	0	0	56	47.2	1473	30	106	110	3.533	0.964	0.273	11.7	20.00
2226	40.2853	117.9268	-213.5	383	QLG	0	0	0	0	58	47.1	1364	17	108	102	6.353	1.059	0.167	11.7	20.00
2227	40.2850	117.9268	-211.9	379	QLG	0	0	0	0	73	47.0	1375	18	52	137	2.889	0.380	0.131	11.7	20.00
2228	40.2847	117.9269	-212.7	377	QLG	0	0	0	0	51	47.0	1303	19	103	63	5.421	1.635	0.302	11.7	20.00
2229	40.2844	117.9269	-210.1	374	QLG	0	0	0	0	63	46.9	1370	24	102	107	4.250	0.953	0.224	11.6	20.00
2230	40.2841	117.9269	-210.2	369	QLG	0	0	0	0	54	46.7	1351	28	100	106	3.571	0.943	0.264	11.6	20.00
2231	40.2838	117.9269	-208.5	369	QLG	0	0	0	0	60	46.7	1425	28	50	119	1.786	0.420	0.235	11.6	20.00
2232	40.2835	117.9269	-207.7	367	QLG	0	0	0	0	64	46.7	1365	26	66	118	2.538	0.559	0.220	11.6	20.00
2233	40.2831	117.9270	-207.0	365	QLG	0	0	0	0	58	46.6	1435	24	95	135	3.958	0.704	0.178	11.6	20.00
2234	40.2828	117.9270	-206.0	370	QLG	0	0	0	0	67	46.8	1539	42	71	109	1.690	0.651	0.385	11.7	20.00
2235	40.2825	117.9270	-205.8	377	QLG	0	0	0	0	61	47.0	1488	27	82	135	3.037	0.607	0.200	11.7	20.00
2236	40.2822	117.9270	-204.6	380	QLG	0	0	0	0	63	47.1	1529	31	79	135	2.548	0.585	0.230	11.7	20.00
2237	40.2819	117.9270	-203.9	381	QLG	0	0	0	0	53	47.1	1529	36	82	130	2.278	0.631	0.277	11.7	20.00
2238	40.2816	117.9270	-203.0	380	QLG	0	0	0	0	61	47.1	1489	30	84	118	2.800	0.712	0.254	11.7	20.00
2239	40.2813	117.9271	-201.9	375	QLG	0	0	0	0	57	46.9	1514	24	78	182	3.250	0.429	0.132	11.6	20.00
2240	40.2810	117.9271	-201.2	375	QLG	0	0	0	0	56	46.9	1515	37	57	140	1.541	0.407	0.264	11.7	20.00
2241	40.2807	117.9271	-200.3	374	QLG	0	0	0	0	65	54.1	1477	29	77	134	2.655	0.575	0.216	11.8	20.00
2242	40.2804	117.9271	-200.6	374	QLG	0	0	0	0	64	54.1	1487	28	96	111	3.429	0.865	0.252	11.9	20.00
2243	40.2801	117.9271	-198.5	372	QLG	0	0	0	0	62	54.1	1512	17	83	152	4.882	0.546	0.112	12.0	20.00
2244	40.2798	117.9272	-198.8	372	QLG	0	0	0	0	57	54.1	1472	24	56	144	2.333	0.389	0.167	12.1	20.00
2245	40.2795	117.9272	-198.9	374	QLG	0	0	0	0	54	54.2	1447	30	125	97	4.167	1.289	0.309	12.1	20.00
2246	40.2792	117.9272	-198.2	373	QLG	0	0	0	0	56	54.1	1542	31	139	101	4.484	1.376	0.307	12.1	20.00
2247	40.2789	117.9272	-197.8	371	QLG	0	0	0	0	52	54.0	1517	36	52	133	1.444	0.391	0.271	12.1	20.00
2248	40.2786	117.9272	-196.4	369	QLG	0	0	0	0	51	54.0	1530	37	98	127	2.649	0.772	0.291	12.1	20.00
2249	40.2783	117.9272	-195.9	370	QLG	0	0	0	0	54	54.0	1515	30	110	129	3.667	0.853	0.233	12.1	20.00
2250	40.2780	117.9273	-196.8	372	QLG	0	0	0	0	58	54.1	1518	46	58	119	1.261	0.487	0.387	12.1	20.00
2251	40.2777	117.9273	-196.6	368	QLG	0	0	0	0	53	54.0	1518	40	147	85	3.675	1.729	0.471	12.1	20.00
2252	40.2774	117.9273	-196.7	367	QLG	0	0	0	0	56	53.9	1518	29	67	160	2.310	0.419	0.181	12.1	20.00
2253	40.2771	117.9273	-195.0	367	QLG	0	0	0	0	54	53.9	1477	31	67	129	2.161	0.519	0.240	12.2	20.00
2254	40.2768	117.9273	-196.4	364	QLG	0	0	0	0	56	53.8	1421	25	128	83	5.120	1.542	0.301	12.2	20.00
2255	40.2764	117.9274	-194.2	363	QLG	0	0	0	0	63	53.8	1462	34	57	145	1.676	0.393	0.234	12.1	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2256	40.2761	117.9274	-194.1	356	QLG	0	0	0	0	57	53.5	1511	21	88	113	4.190	0.779	0.186	12.1	20.00
2257	40.2758	117.9274	-195.0	352	QLG	0	0	0	0	57	53.4	1509	32	66	130	2.063	0.508	0.246	12.1	20.00
2258	40.2755	117.9274	-193.3	349	QLG	0	0	0	0	58	53.3	1438	33	55	112	1.667	0.491	0.295	12.1	20.00
2259	40.2752	117.9274	-193.7	347	QLG	0	0	0	0	57	53.2	1550	32	44	150	1.375	0.293	0.213	12.1	20.00
2260	40.2749	117.9275	-194.3	343	QLG	0	0	0	0	60	52.9	1543	26	103	99	3.962	1.040	0.263	12.2	20.00
2261	40.2746	117.9275	-193.1	340	QLG	0	0	1	0	70	52.8	1523	27	15	190	0.556	0.079	0.142	12.2	20.00
2262	40.2743	117.9275	-194.0	333	QLG	0	0	0	0	65	52.6	1530	35	56	146	1.600	0.384	0.240	12.2	20.00
2263	40.2740	117.9275	-192.1	326	QLG	0	0	0	0	59	52.3	1531	29	116	133	4.000	0.872	0.218	12.1	20.00
2264	40.2737	117.9275	-191.8	324	QLG	0	0	0	0	57	52.3	1486	27	94	120	3.481	0.783	0.225	12.2	20.00
2265	40.2734	117.9275	-191.6	322	QLG	0	0	0	0	56	52.2	1582	29	137	119	4.724	1.151	0.244	12.2	20.00
2266	40.2731	117.9276	-191.1	326	QLG	0	0	0	0	67	52.3	1552	41	73	139	1.780	0.525	0.295	12.2	20.00
2267	40.2728	117.9276	-191.0	323	QLG	0	0	0	0	66	52.2	1573	38	45	162	1.184	0.278	0.235	12.2	20.00
2268	40.2725	117.9276	-191.6	323	QLG	0	0	0	0	58	52.2	1604	32	129	124	4.031	1.040	0.258	12.2	20.00
2269	40.2722	117.9276	-190.4	325	QLG	0	0	0	0	53	52.3	1582	30	95	121	3.167	0.785	0.248	12.2	20.00
2270	40.2719	117.9276	-190.7	326	QLG	0	0	0	0	55	52.3	1627	22	111	152	5.045	0.730	0.145	12.2	20.00
2271	40.2716	117.9277	-190.0	326	QLG	0	0	0	0	56	52.3	1590	47	30	157	0.638	0.191	0.299	12.3	20.00
2272	40.2713	117.9277	-189.6	329	QLG	0	0	0	0	57	52.4	1638	26	67	165	2.577	0.406	0.158	12.3	20.00
2273	40.2710	117.9277	-188.4	328	QLG	0	0	0	0	66	52.4	1637	32	64	162	2.000	0.395	0.198	12.3	20.00
2274	40.2707	117.9277	-189.0	331	QLG	0	0	0	0	54	52.5	1606	35	133	116	3.800	1.147	0.302	12.3	20.00
2275	40.2704	117.9277	-188.3	337	QLG	0	0	0	0	61	52.7	1673	35	41	144	1.171	0.285	0.243	12.3	20.00
2276	40.2701	117.9277	-188.0	343	QLG	0	0	0	0	57	52.9	1625	30	115	137	3.833	0.839	0.219	12.3	20.00
2277	40.2697	117.9278	-188.8	347	QLG	0	0	0	0	48	53.1	1582	22	109	171	4.955	0.637	0.129	12.3	20.00
2278	40.2694	117.9278	-187.6	351	QLG	0	0	0	0	56	53.2	1585	35	57	161	1.629	0.354	0.217	12.3	20.00
2279	40.2691	117.9278	-187.9	352	QLG	0	0	0	0	62	49.8	1584	26	116	148	4.462	0.784	0.176	12.3	20.00
2280	40.2688	117.9278	-187.7	354	QLG	0	0	0	0	64	49.8	1499	25	47	161	1.880	0.292	0.155	12.4	20.00
2281	40.2685	117.9278	-187.3	361	QLG	0	0	0	0	51	50.1	1618	27	93	133	3.444	0.699	0.203	12.5	20.00
2282	40.2682	117.9279	-187.6	366	QLG	0	0	0	0	59	50.2	1611	16	131	148	8.188	0.885	0.108	12.5	20.00
2283	40.2679	117.9279	-187.4	370	QLG	0	0	0	0	59	50.4	1627	21	98	148	4.667	0.662	0.142	12.5	20.00
2284	40.2676	117.9279	-186.9	378	QLG	0	0	0	0	56	50.6	1724	54	40	174	0.741	0.230	0.310	12.5	20.00
2285	40.2673	117.9279	-186.9	379	QLG	0	0	0	0	64	50.6	1626	23	130	134	5.652	0.970	0.172	12.5	20.00
2286	40.2670	117.9279	-186.5	382	QLG	0	0	0	0	65	50.7	1544	34	64	124	1.882	0.516	0.274	12.5	20.00
2287	40.2667	117.9279	-186.3	384	QLG	0	0	0	0	59	50.8	1642	29	86	146	2.966	0.589	0.199	12.5	20.00
2288	40.2664	117.9280	-185.4	383	QLG	0	0	0	0	52	50.7	1620	32	86	163	2.688	0.528	0.196	12.5	20.00
2289	40.2661	117.9280	-186.2	384	QLG	0	0	0	0	55	50.8	1674	25	111	157	4.440	0.707	0.159	12.6	20.00
2290	40.2658	117.9280	-185.0	385	QLG	0	0	0	0	61	50.8	1692	31	87	145	2.806	0.600	0.214	12.6	20.00
2291	40.2655	117.9280	-185.6	384	QLG	0	0	0	0	58	50.8	1634	24	31	157	1.292	0.197	0.153	12.6	20.00
2292	40.2652	117.9280	-185.5	380	QLG	0	0	0	0	66	50.7	1641	22	63	143	2.864	0.441	0.154	12.5	20.00
2293	40.2649	117.9281	-184.9	374	QLG	0	0	0	0	61	50.5	1660	46	76	132	1.652	0.576	0.348	12.5	20.00
2294	40.2646	117.9281	-185.0	371	QLG	0	0	0	0	62	50.4	1792	37	63	145	1.703	0.434	0.255	12.5	20.00
2295	40.2643	117.9281	-185.3	367	QLG	0	0	0	0	59	50.3	1681	29	131	120	4.679	1.092	0.233	12.4	20.00
2296	40.2640	117.9281	-184.7	366	QLG	0	0	0	0	56	50.2	1563	29	89	145	3.069	0.614	0.200	12.4	20.00
2297	40.2637	117.9281	-184.0	364	QLG	0	0	0	0	53	50.2	1642	29	93	154	3.207	0.604	0.188	12.3	20.00
2298	40.2634	117.9281	-185.3	364	QLG	0	0	0	0	55	38.6	1628	20	107	159	5.350	0.673	0.126	12.3	20.00
2299	40.2630	117.9282	-184.7	364	QLG	0	0	0	0	59	38.6	1520	25	160	107	6.400	1.495	0.234	12.3	20.00
2300	40.2627	117.9282	-185.0	367	QLG	0	0	0	0	74	38.6	1547	26	97	150	3.731	0.647	0.173	12.3	20.00
2301	40.2624	117.9282	-184.5	374	QLG	0	0	0	0	61	38.8	1459	26	67	139	2.577	0.482	0.187	12.3	20.00
2302	40.2621	117.9282	-185.2	383	QLG	0	0	0	0	59	39.0	1531	18	126	138	7.000	0.913	0.130	12.4	20.00
2303	40.2618	117.9282	-184.8	384	QLG	0	0	0	0	61	39.1	1521	25	122	103	4.880	1.184	0.243	12.4	20.00
2304	40.2615	117.9283	-186.4	382	QLG	0	0	0	0	60	39.0	1536	35	131	90	3.743	1.456	0.389	12.4	20.00
2305	40.2612	117.9283	-185.5	376	QLG	0	0	0	0	54	38.9	1595	38	136	113	3.579	1.204	0.336	12.4	20.00
2306	40.2609	117.9283	-185.7	371	QLG	0	0	0	0	68	38.8	1576	36	26	185	0.722	0.141	0.195	12.4	20.00
2307	40.2606	117.9283	-186.3	368	QLG	0	0	0	0	62	38.7	1558	32	82	134	2.563	0.612	0.239	12.4	20.00
2308	40.2603	117.9283	-188.3	366	QLG	0	0	0	0	58	38.6	1609	23	143	91	6.217	1.571	0.253	12.4	20.00
2309	40.2600	117.9283	-188.5	361	QLG	0	0	0	0	57	38.5	1569	31	92	156	2.968	0.590	0.199	12.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2310	40.2597	117.9284	-189.5	362	QLG	0	0	0	0	56	38.5	1539	23	139	95	6.043	1.463	0.242	12.4	20.00
2311	40.2594	117.9284	-190.7	358	QLG	0	0	0	0	58	38.4	1592	29	78	140	2.690	0.557	0.207	12.3	20.00
2312	40.2591	117.9284	-191.0	353	QLG	0	0	0	0	57	38.3	1572	22	163	93	7.409	1.753	0.237	12.2	20.00
2313	40.2588	117.9284	-191.6	353	QLG	0	0	0	0	54	38.3	1545	35	114	110	3.257	1.036	0.318	12.3	20.00
2314	40.2585	117.9284	-192.2	354	QLG	0	0	0	0	52	38.3	1598	22	125	158	5.682	0.791	0.139	12.3	20.00
2315	40.2582	117.9285	-192.2	353	QLG	0	0	0	0	55	38.3	1493	26	120	122	4.615	0.984	0.213	12.3	20.00
2316	40.2579	117.9285	-192.8	354	QLG	0	0	0	0	70	38.3	1484	26	127	82	4.885	1.549	0.317	12.3	20.00
2317	40.2576	117.9285	-192.6	357	QLG	0	0	0	0	66	34.9	1523	32	57	118	1.781	0.483	0.271	12.3	20.00
2318	40.2573	117.9285	-194.9	367	QLG	0	0	0	0	59	35.1	1528	34	92	112	2.706	0.821	0.304	12.3	20.00
2319	40.2570	117.9285	-196.1	374	QLG	0	0	0	0	56	35.2	1606	30	73	141	2.433	0.518	0.213	12.3	20.00
2320	40.2567	117.9285	-196.7	380	QLG	0	0	0	0	64	35.3	1538	36	124	95	3.444	1.305	0.379	12.3	20.00
2321	40.2563	117.9286	-198.5	385	QLG	0	0	0	0	53	35.4	1581	19	134	114	7.053	1.175	0.167	12.3	20.00
2322	40.2560	117.9286	-198.8	387	QLG	0	0	0	0	59	35.5	1538	24	122	87	5.083	1.402	0.276	12.2	20.00
2323	40.2557	117.9286	-200.3	390	QLG	0	0	0	0	52	35.6	1584	32	123	115	3.844	1.070	0.278	12.2	20.00
2324	40.2554	117.9286	-201.1	390	QLG	0	0	0	0	52	35.6	1520	33	51	133	1.545	0.383	0.248	12.2	20.00
2325	40.2551	117.9286	-201.7	394	QLG	0	0	0	0	64	35.7	1618	46	49	149	1.065	0.329	0.309	12.2	20.00
2326	40.2548	117.9287	-203.0	394	QLG	0	0	0	0	51	35.7	1532	50	53	117	1.060	0.453	0.427	12.2	20.00
2327	40.2545	117.9287	-203.1	393	QLG	0	0	0	0	62	35.6	1568	33	129	86	3.909	1.500	0.384	12.2	20.00
2328	40.2542	117.9287	-203.6	398	QLG	0	0	0	0	57	35.7	1562	41	62	181	1.512	0.343	0.227	12.2	20.00
2329	40.2539	117.9287	-204.2	404	QLG	0	0	0	0	53	35.9	1412	21	87	142	4.143	0.613	0.148	12.1	20.00
2330	40.2536	117.9287	-205.2	410	QLG	0	0	0	0	52	36.0	1595	38	118	114	3.105	1.035	0.333	12.1	20.00
2331	40.2533	117.9287	-205.7	414	QLG	0	0	0	0	54	36.1	1520	34	59	167	1.735	0.353	0.204	12.1	20.00
2332	40.2530	117.9288	-206.3	417	QLG	0	0	0	0	61	36.1	1561	36	102	131	2.833	0.779	0.275	12.1	20.00
2333	40.2527	117.9288	-206.6	419	QLG	0	0	0	0	59	36.2	1528	24	107	120	4.458	0.892	0.200	12.1	20.00
2334	40.2524	117.9288	-206.9	425	QLG	0	0	0	0	56	36.3	1546	24	128	138	5.333	0.928	0.174	12.0	20.00
2335	40.2521	117.9288	-209.4	430	QLG	0	0	0	0	57	36.4	1451	28	67	150	2.393	0.447	0.187	12.1	20.00
2336	40.2518	117.9288	-209.5	437	QLG	0	0	0	0	52	40.4	1588	26	105	136	4.038	0.772	0.191	12.1	20.00
2337	40.2515	117.9289	-209.0	444	QLG	0	0	0	0	56	40.6	1613	32	103	116	3.219	0.888	0.276	12.1	20.00
2338	40.2512	117.9289	-210.0	449	QLG	0	0	0	0	66	40.7	1586	34	98	125	2.882	0.784	0.272	12.0	20.00
2339	40.2509	117.9289	-210.3	453	QLG	0	0	0	0	67	40.8	1675	28	85	167	3.036	0.509	0.168	12.0	20.00
2340	40.2506	117.9289	-211.1	460	QLG	0	0	0	0	66	41.0	1714	30	136	109	4.533	1.248	0.275	12.0	20.00
2341	40.2503	117.9289	-212.1	465	QLG	0	0	0	0	69	41.1	1618	46	104	114	2.261	0.912	0.404	11.9	20.00
2342	40.2500	117.9289	-212.6	469	QLG	0	0	0	0	62	41.1	1712	17	124	145	7.294	0.855	0.117	11.9	20.00
2343	40.2496	117.9290	-211.7	470	QLG	0	0	0	0	56	41.2	1774	27	109	172	4.037	0.634	0.157	11.9	20.00
2344	40.2493	117.9290	-213.5	470	QLG	0	0	0	0	60	41.2	1703	25	109	145	4.360	0.752	0.172	11.8	20.00
2345	40.2490	117.9290	-214.7	463	QLG	0	0	0	0	56	41.0	1699	30	67	197	2.233	0.340	0.152	11.8	20.00
2346	40.2487	117.9290	-215.8	458	QLG	0	0	0	0	61	40.9	1618	30	85	129	2.833	0.659	0.233	11.8	20.00
2347	40.2484	117.9290	-216.5	447	QLG	0	0	0	0	49	40.7	1624	36	87	134	2.417	0.649	0.269	11.9	20.00
2348	40.2481	117.9291	-217.1	441	QLG	0	0	0	0	65	40.5	1703	25	128	140	5.120	0.914	0.179	11.9	20.00
2349	40.2478	117.9291	-218.9	441	QLG	0	0	0	0	62	40.5	1693	30	154	95	5.133	1.621	0.316	11.9	20.00
2350	40.2475	117.9291	-219.3	439	QLG	0	0	0	0	60	40.5	1685	26	143	148	5.500	0.966	0.176	11.9	20.00
2351	40.2472	117.9291	-219.6	435	QLG	0	0	0	0	60	40.4	1790	38	74	196	1.947	0.378	0.194	11.9	20.00
2352	40.2469	117.9291	-221.0	431	QLG	0	0	0	0	55	40.3	1730	31	140	134	4.516	1.045	0.231	11.9	20.00
2353	40.2466	117.9292	-219.6	425	QLG	0	0	0	0	62	40.2	1749	42	108	127	2.571	0.850	0.331	11.9	20.00
2354	40.2463	117.9292	-220.2	425	QLG	0	0	0	0	64	40.2	1712	39	78	160	2.000	0.488	0.244	11.9	20.00
2355	40.2460	117.9292	-221.3	424	QLG	0	0	0	0	54	35.1	1801	22	155	205	7.045	0.756	0.107	11.8	20.00
2356	40.2457	117.9292	-221.4	425	QLG	0	0	0	0	59	35.2	1720	45	53	193	1.178	0.275	0.233	11.8	20.00
2357	40.2454	117.9292	-221.9	425	QLG	0	0	0	0	67	35.2	1708	22	102	168	4.636	0.607	0.131	11.8	20.00
2358	40.2451	117.9292	-221.2	428	QLG	0	0	0	0	57	35.2	1596	42	117	126	2.786	0.929	0.333	11.8	20.00
2359	40.2448	117.9293	-222.8	424	QLG	0	0	0	0	64	35.1	1701	29	108	155	3.724	0.697	0.187	11.7	20.00
2360	40.2445	117.9293	-222.2	419	QLG	0	0	0	0	61	35.0	1650	36	124	112	3.444	1.107	0.321	11.7	20.00
2361	40.2442	117.9293	-223.1	416	QLG	0	0	0	0	57	35.0	1606	27	125	148	4.630	0.845	0.182	11.8	20.00
2362	40.2439	117.9293	-223.4	417	QLG	0	0	0	0	69	35.0	1705	24	177	108	7.375	1.639	0.222	11.9	20.00
2363	40.2436	117.9293	-223.2	417	QLG	0	0	0	0	59	35.0	1759	41	113	186	2.756	0.608	0.220	11.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2364	40.2432	117.9294	-223.5	418	QLG	0	0	0	0	59	35.0	1756	25	129	183	5.160	0.705	0.137	11.9	20.00
2365	40.2429	117.9294	-224.1	419	QLG	0	0	0	0	61	35.0	1762	42	78	131	1.857	0.595	0.321	11.9	20.00
2366	40.2426	117.9294	-225.5	418	QLG	0	0	0	0	64	35.0	1756	33	88	154	2.667	0.571	0.214	11.8	20.00
2367	40.2423	117.9294	-224.0	418	QLG	0	0	0	0	61	35.0	1815	36	192	113	5.333	1.699	0.319	11.8	20.00
2368	40.2420	117.9294	-222.4	415	QLG	0	0	0	0	56	35.0	1758	45	106	112	2.356	0.946	0.402	11.9	20.00
2369	40.2417	117.9294	-223.5	415	QLG	0	0	0	0	50	35.0	1827	36	224	110	6.222	2.036	0.327	11.9	20.00
2370	40.2414	117.9295	-224.5	416	QLG	0	0	0	0	56	35.0	1750	30	148	138	4.933	1.072	0.217	11.9	20.00
2371	40.2411	117.9295	-224.1	412	QLG	0	0	0	0	59	34.9	1816	39	143	117	3.667	1.222	0.333	11.9	20.00
2372	40.2408	117.9295	-223.5	410	QLG	0	0	0	0	60	34.8	1757	42	153	130	3.643	1.177	0.323	11.9	20.00
2373	40.2405	117.9295	-224.6	406	QLG	0	0	0	0	65	34.8	1749	32	138	133	4.313	1.038	0.241	11.9	20.00
2374	40.2402	117.9295	-224.2	406	QLG	0	0	0	0	58	33.8	1766	37	143	131	3.865	1.092	0.282	11.9	20.00
2375	40.2399	117.9296	-223.7	406	QLG	0	0	0	0	65	33.8	1717	32	114	155	3.563	0.735	0.206	11.8	20.00
2376	40.2396	117.9296	-222.8	408	QLG	0	0	0	0	57	33.8	1818	45	132	131	2.933	1.008	0.344	11.9	20.00
2377	40.2393	117.9296	-223.2	402	QLG	0	0	0	0	68	33.7	1790	30	181	126	6.033	1.437	0.238	11.9	20.00
2378	40.2390	117.9296	-222.3	400	QLG	0	0	0	0	64	33.7	1757	68	102	121	1.500	0.843	0.562	11.9	20.00
2379	40.2387	117.9296	-222.6	396	QLG	0	0	0	0	56	33.6	1729	32	142	157	4.438	0.904	0.204	11.9	20.00
2380	40.2384	117.9296	-222.7	395	QLG	0	0	0	0	63	33.6	1749	32	195	107	6.094	1.822	0.299	11.9	20.00
2381	40.2381	117.9297	-221.8	397	QLG	0	0	0	0	63	33.6	1753	39	89	169	2.282	0.527	0.231	12.0	20.00
2382	40.2378	117.9297	-222.3	401	QLG	0	0	0	0	53	33.7	1808	34	131	177	3.853	0.740	0.192	12.0	20.00
2383	40.2375	117.9297	-222.9	402	QLG	0	0	0	0	61	33.7	1885	36	117	179	3.250	0.654	0.201	12.0	20.00
2384	40.2372	117.9297	-221.2	406	QLG	0	0	0	0	61	33.8	1756	36	197	90	5.472	2.189	0.400	12.0	20.00
2385	40.2369	117.9297	-222.0	407	QLG	0	0	0	0	58	33.8	1786	51	138	130	2.706	1.062	0.392	12.1	20.00
2386	40.2365	117.9298	-220.9	407	QLG	0	0	0	0	65	33.8	1792	36	125	150	3.472	0.833	0.240	12.1	20.00
2387	40.2362	117.9298	-221.0	403	QLG	0	0	0	0	60	33.7	1776	38	149	111	3.921	1.342	0.342	12.0	20.00
2388	40.2359	117.9298	-221.3	402	QLG	0	0	0	0	57	33.7	1695	32	90	188	2.813	0.479	0.170	12.0	20.00
2389	40.2356	117.9298	-221.1	400	QLG	0	0	0	0	57	33.7	1807	39	139	128	3.564	1.086	0.305	12.0	20.00
2390	40.2353	117.9298	-221.2	400	QLG	0	0	0	0	58	33.7	1877	47	119	159	2.532	0.748	0.296	12.0	20.00
2391	40.2350	117.9298	-221.6	396	QLG	0	0	0	0	62	33.6	1713	34	106	165	3.118	0.642	0.206	12.0	20.00
2392	40.2347	117.9299	-221.9	398	QLG	0	0	0	0	61	33.6	1731	34	155	128	4.559	1.211	0.266	12.1	20.00
2393	40.2344	117.9299	-221.2	404	QLG	0	0	0	0	55	34.1	1735	45	112	137	2.489	0.818	0.328	12.1	20.00
2394	40.2341	117.9299	-222.2	406	QLG	0	0	0	0	60	34.2	1808	41	80	202	1.951	0.396	0.203	12.1	20.00
2395	40.2338	117.9299	-221.5	409	QLG	0	0	0	0	69	34.3	1830	27	164	140	6.074	1.171	0.193	12.1	20.00
2396	40.2335	117.9299	-221.9	410	QLG	0	0	0	0	68	34.3	1818	42	82	138	1.952	0.594	0.304	12.1	20.00
2397	40.2332	117.9300	-221.2	407	QLG	0	0	0	0	68	34.2	1759	48	140	112	2.917	1.250	0.429	12.0	20.00
2398	40.2329	117.9300	-221.0	409	QLG	0	0	0	0	69	34.3	1794	22	154	165	7.000	0.933	0.133	12.0	20.00
2399	40.2326	117.9300	-223.3	412	QLG	0	0	0	0	62	34.3	1761	26	204	124	7.846	1.645	0.210	12.1	20.00
2400	40.2323	117.9300	-223.7	409	QLG	0	0	0	0	59	34.3	1839	46	135	124	2.935	1.089	0.371	12.1	20.00
2401	40.2320	117.9300	-223.5	406	QLG	0	0	0	0	59	34.2	1743	46	112	110	2.435	1.018	0.418	12.1	20.00
2402	40.2317	117.9300	-223.1	406	QLG	0	0	0	0	59	34.2	1738	38	147	128	3.868	1.148	0.297	12.1	20.00
2403	40.2314	117.9301	-222.9	407	QLG	0	0	0	0	58	34.2	1744	38	153	126	5.100	1.214	0.238	12.1	20.00
2404	40.2311	117.9301	-225.3	407	QLG	0	0	0	0	67	34.2	1765	31	193	85	6.226	2.271	0.365	12.1	20.00
2405	40.2308	117.9301	-224.6	410	QLG	0	0	0	0	60	34.3	1804	46	106	146	2.304	0.726	0.315	12.1	20.00
2406	40.2305	117.9301	-224.1	412	QLG	0	0	0	0	65	34.3	1654	52	49	145	0.942	0.338	0.359	12.1	20.00
2407	40.2302	117.9301	-224.9	417	QLG	0	0	0	0	71	34.4	1743	25	127	138	5.080	0.920	0.181	12.2	20.00
2408	40.2298	117.9302	-225.7	420	QLG	0	0	0	0	57	34.5	1690	25	212	100	8.480	2.120	0.250	12.1	20.00
2409	40.2295	117.9302	-225.2	424	QLG	0	0	0	0	69	34.5	1679	44	78	130	1.773	0.600	0.338	12.2	20.00
2410	40.2292	117.9302	-225.6	427	QLG	0	0	0	0	55	34.6	1670	49	139	111	2.837	1.252	0.441	12.2	20.00
2411	40.2289	117.9302	-226.3	433	QLG	0	0	0	0	63	34.7	1813	48	136	123	2.833	1.106	0.390	12.3	20.00
2412	40.2286	117.9302	-228.1	436	QLG	0	0	0	0	66	45.7	1789	32	66	191	2.063	0.346	0.168	12.2	20.00
2413	40.2283	117.9302	-228.0	435	QLG	0	0	0	0	52	45.7	1673	50	111	117	2.220	0.949	0.427	12.2	20.00
2414	40.2280	117.9303	-228.5	434	QLG	0	0	0	0	63	45.7	1690	30	145	98	4.833	1.480	0.306	12.1	20.00
2415	40.2277	117.9303	-228.9	431	QLG	0	0	0	0	59	45.6	1717	33	136	112	4.121	1.214	0.295	12.1	20.00
2416	40.2274	117.9303	-230.0	429	QLG	0	0	0	0	64	45.6	1642	34	87	147	2.559	0.592	0.231	12.1	20.00
2417	40.2271	117.9303	-230.8	431	QLG	0	0	0	0	61	45.6	1742	48	106	107	2.208	0.991	0.449	12.1	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2418	40.2268	117.9303	-230.1	433	QLG	0	0	0	0	67	45.7	1818	43	91	132	2.116	0.689	0.326	12.1	20.00
2419	40.2265	117.9304	-232.2	428	QLG	0	0	0	0	59	45.5	1616	30	129	128	4.300	1.008	0.234	12.0	20.00
2420	40.2262	117.9304	-232.3	427	QLG	0	0	0	0	61	45.5	1650	24	63	173	2.625	0.364	0.139	12.1	20.00
2421	40.2259	117.9304	-233.7	423	QLG	0	0	0	0	56	45.4	1774	23	119	144	5.174	0.826	0.160	12.2	20.00
2422	40.2256	117.9304	-234.7	427	QLG	0	0	0	0	59	45.5	1755	48	108	87	2.250	1.241	0.552	12.2	20.00
2423	40.2253	117.9304	-234.8	425	QLG	0	0	0	0	68	45.5	1704	38	93	124	2.447	0.750	0.306	12.2	20.00
2424	40.2250	117.9305	-236.6	430	QLG	0	0	0	0	62	45.6	1733	31	105	113	3.387	0.929	0.274	12.3	20.00
2425	40.2247	117.9305	-236.9	434	QLG	0	0	0	0	64	45.7	1640	29	149	109	5.138	1.367	0.266	12.3	20.00
2426	40.2244	117.9305	-238.7	438	QLG	0	0	0	0	60	45.8	1727	23	107	150	4.652	0.713	0.153	12.3	20.00
2427	40.2239	117.9305	-239.2	442	QLG	0	0	0	0	61	45.9	1735	44	68	168	1.545	0.405	0.262	12.4	20.00
2428	40.2234	117.9305	-239.4	447	QLG	0	0	0	0	57	46.0	1660	15	81	166	5.400	0.488	0.090	12.3	20.00
2429	40.2230	117.9305	-239.6	449	QLG	0	0	0	0	66	46.1	1787	25	115	147	4.600	0.782	0.170	12.4	20.00
2430	40.2225	117.9305	-240.6	450	QLG	0	0	0	0	63	46.1	1798	29	113	128	3.897	0.883	0.227	12.4	20.00
2431	40.2220	117.9305	-242.0	451	QLG	0	0	0	0	72	51.8	1708	38	34	173	0.895	0.197	0.220	12.4	20.00
2432	40.2215	117.9306	-242.2	455	QLG	0	0	0	0	65	51.9	1739	37	88	117	2.378	0.752	0.316	12.5	20.00
2433	40.2211	117.9306	-242.5	452	QLG	0	0	0	0	56	51.8	1678	35	68	192	1.943	0.354	0.182	12.5	20.00
2434	40.2206	117.9306	-243.5	456	QLG	0	0	0	0	63	51.9	1749	24	99	162	4.125	0.611	0.148	12.5	20.00
2435	40.2201	117.9306	-243.0	454	QLG	0	0	0	0	64	51.9	1669	20	97	125	4.850	0.776	0.160	12.4	20.00
2436	40.2196	117.9306	-243.2	452	QLG	0	0	0	0	64	51.8	1721	31	78	134	2.516	0.582	0.231	12.4	20.00
2437	40.2192	117.9306	-243.5	449	QLG	0	0	0	0	68	51.7	1673	23	166	106	7.217	1.566	0.217	12.4	20.00
2438	40.2187	117.9306	-243.7	450	QLG	0	0	0	0	62	51.8	1636	18	121	132	6.722	0.917	0.136	12.4	20.00
2439	40.2182	117.9306	-244.7	447	QLG	0	0	0	0	64	51.7	1647	28	65	156	2.321	0.417	0.179	12.4	20.00
2440	40.2178	117.9307	-245.4	449	QLG	0	0	0	0	60	51.7	1698	33	86	154	2.606	0.558	0.214	12.4	20.00
2441	40.2173	117.9307	-245.7	445	QLG	0	0	0	0	58	51.6	1739	42	126	86	3.000	1.465	0.488	12.4	20.00
2442	40.2168	117.9307	-245.8	437	QLG	0	0	0	0	52	51.4	1690	32	123	120	3.844	1.025	0.267	12.4	20.00
2443	40.2163	117.9307	-245.0	437	QLG	0	0	0	0	55	51.4	1632	15	113	169	7.533	0.669	0.089	12.3	20.00
2444	40.2159	117.9307	-246.2	438	QLG	0	0	0	0	66	51.4	1651	29	125	96	4.310	1.302	0.302	12.3	20.00
2445	40.2154	117.9307	-246.2	438	QLG	0	0	0	0	57	51.4	1649	47	34	146	0.723	0.233	0.322	12.3	20.00
2446	40.2149	117.9307	-248.0	435	QLG	0	0	0	0	61	51.3	1703	31	120	123	3.871	0.976	0.252	12.3	20.00
2447	40.2145	117.9307	-247.0	433	QLG	0	0	0	0	59	51.3	1528	28	144	77	5.143	1.870	0.364	12.3	20.00
2448	40.2140	117.9308	-248.2	435	QLG	0	0	0	0	69	51.4	1620	19	152	107	8.000	1.421	0.178	12.3	20.00
2449	40.2135	117.9308	-248.6	443	QLG	0	0	0	0	61	51.6	1709	24	96	162	4.000	0.593	0.148	12.3	20.00
2450	40.2130	117.9308	-248.6	443	QLG	0	0	0	0	58	51.8	1701	40	152	69	3.800	2.203	0.580	12.3	20.00
2451	40.2126	117.9308	-248.6	442	QLG	0	0	0	0	56	51.7	1620	25	137	77	5.480	1.779	0.325	12.3	20.00
2452	40.2121	117.9308	-248.4	438	QLG	0	0	0	0	58	51.6	1675	28	101	144	3.607	0.701	0.194	12.3	20.00
2453	40.2116	117.9308	-248.9	436	QLG	0	0	0	0	72	51.6	1615	37	36	130	0.973	0.277	0.285	12.3	20.00
2454	40.2112	117.9308	-249.8	443	QLG	0	0	0	0	63	51.8	1669	42	80	144	1.905	0.556	0.292	12.3	20.00
2455	40.2107	117.9308	-248.8	448	QLG	0	0	0	0	62	51.9	1679	25	135	132	5.400	1.023	0.189	12.3	20.00
2456	40.2102	117.9308	-249.5	448	QLG	0	0	0	0	55	51.9	1587	27	102	97	3.778	1.052	0.278	12.3	20.00
2457	40.2097	117.9309	-249.5	446	QLG	0	0	0	0	60	51.9	1701	20	89	173	4.450	0.514	0.116	12.3	20.00
2458	40.2093	117.9309	-248.0	442	QLG	0	0	0	0	63	51.7	1639	28	33	172	1.179	0.192	0.163	12.2	20.00
2459	40.2088	117.9309	-249.5	442	QLG	0	0	0	0	62	51.7	1697	36	64	130	1.778	0.492	0.277	12.3	20.00
2460	40.2083	117.9309	-249.8	435	QLG	0	0	0	0	56	51.5	1564	25	101	123	4.040	0.821	0.203	12.3	20.00
2461	40.2078	117.9309	-249.8	437	QLG	0	0	0	0	53	51.6	1671	24	119	101	4.958	1.178	0.238	12.3	20.00
2462	40.2074	117.9309	-249.5	434	QLG	0	0	0	0	70	51.5	1597	32	28	207	0.875	0.135	0.155	12.2	20.00
2463	40.2069	117.9309	-249.3	432	QLG	0	0	0	0	60	51.5	1653	33	107	129	3.242	0.829	0.256	12.3	20.00
2464	40.2064	117.9309	-249.7	434	QLG	0	0	0	0	66	51.5	1656	24	107	119	4.458	0.899	0.202	12.4	20.00
2465	40.2060	117.9310	-250.0	430	QLG	0	0	0	0	63	51.4	1668	40	47	178	1.175	0.264	0.225	12.4	20.00
2466	40.2055	117.9310	-250.5	429	QLG	0	0	0	0	61	51.4	1568	31	102	97	3.290	1.052	0.320	12.4	20.00
2467	40.2050	117.9310	-248.7	431	QLG	0	0	0	0	64	51.4	1677	33	89	151	2.697	0.589	0.219	12.5	20.00
2468	40.2045	117.9310	-249.2	434	QLG	0	0	0	0	65	51.5	1541	28	58	117	2.071	0.496	0.239	12.5	20.00
2469	40.2041	117.9310	-249.4	438	QLG	0	0	0	0	59	51.9	1636	31	56	137	1.806	0.409	0.226	12.6	20.00
2470	40.2036	117.9310	-250.3	443	QLG	0	0	0	0	55	52.1	1823	32	123	131	3.844	0.939	0.244	12.6	20.00
2471	40.2031	117.9310	-249.1	443	QLG	0	0	0	0	59	52.1	1724	33	69	116	2.091	0.595	0.284	12.6	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2472	40.2027	117.9310	-248.8	447	QLG	0	0	0	0	67	52.2	1683	30	135	84	4.500	1.607	0.357	12.5	20.00
2473	40.2022	117.9310	-248.5	445	QLG	0	0	0	0	60	52.1	1726	26	118	122	4.538	0.967	0.213	12.5	20.00
2474	40.2017	117.9311	-248.6	440	QLG	0	0	0	0	62	52.0	1751	31	115	104	3.710	1.106	0.298	12.4	20.00
2475	40.2012	117.9311	-248.6	438	QLG	0	0	0	0	66	51.9	1715	21	132	121	6.286	1.091	0.174	12.4	20.00
2476	40.2008	117.9311	-247.6	437	QLG	0	0	0	0	59	51.9	1689	31	93	134	3.000	0.694	0.231	12.4	20.00
2477	40.2003	117.9311	-248.8	434	QLG	0	0	0	0	58	51.8	1743	45	43	139	0.956	0.309	0.324	12.3	20.00
2478	40.1998	117.9311	-248.5	435	QLG	0	0	0	0	59	51.9	1752	45	97	129	2.156	0.752	0.349	12.3	20.00
2479	40.1994	117.9311	-248.6	430	QLG	0	0	0	0	61	51.7	1784	37	99	108	2.676	0.917	0.343	12.2	20.00
2480	40.1989	117.9311	-249.6	431	QLG	0	0	0	0	61	51.7	1732	54	29	164	0.537	0.177	0.329	12.3	20.00
2481	40.1984	117.9311	-249.8	432	QLG	0	0	0	0	60	51.8	1728	17	132	131	7.765	1.008	0.130	12.2	20.00
2482	40.1979	117.9312	-249.8	429	QLG	0	0	0	0	62	51.7	1778	35	109	151	3.114	0.722	0.232	12.1	20.00
2483	40.1975	117.9312	-250.3	425	QLG	0	0	0	0	65	51.6	1806	25	64	174	2.560	0.368	0.144	12.1	20.00
2484	40.1970	117.9312	-250.6	422	QLG	0	0	0	0	64	51.5	1727	35	78	149	2.229	0.523	0.235	12.0	20.00
2485	40.1965	117.9312	-250.6	421	QLG	0	0	0	0	51	51.4	1712	34	132	118	3.882	1.119	0.288	11.9	20.00
2486	40.1961	117.9312	-250.3	418	QLG	0	0	0	0	52	51.4	1663	33	154	130	4.667	1.185	0.254	11.9	20.00
2487	40.1956	117.9312	-250.3	420	QLG	0	0	0	0	60	51.4	1800	35	129	125	3.686	1.032	0.280	11.9	20.00
2488	40.1951	117.9312	-250.3	424	QLG	0	0	0	0	59	51.3	1838	39	88	179	2.256	0.492	0.218	11.9	20.00
2489	40.1946	117.9312	-250.3	422	QLG	0	0	0	0	55	51.3	1722	53	106	110	2.000	0.964	0.482	11.9	20.00
2490	40.1942	117.9313	-250.7	429	QLG	0	0	0	0	61	51.5	1767	24	136	136	5.667	1.000	0.176	11.9	20.00
2491	40.1937	117.9313	-251.2	431	QLG	0	0	0	0	57	51.5	1870	46	140	126	3.043	1.111	0.365	11.9	20.00
2492	40.1932	117.9313	-250.7	430	QLG	0	0	0	0	66	51.5	1812	40	115	98	2.875	1.173	0.408	11.8	20.00
2493	40.1927	117.9313	-250.4	430	QLG	0	0	0	0	63	51.5	1769	28	103	146	3.679	0.705	0.192	11.9	20.00
2494	40.1923	117.9313	-251.9	432	QLG	0	0	0	0	64	51.6	1863	41	95	143	2.317	0.664	0.287	11.9	20.00
2495	40.1918	117.9313	-251.6	434	QLG	0	0	0	0	58	51.6	1817	54	76	141	1.407	0.539	0.383	11.9	20.00
2496	40.1913	117.9313	-252.1	432	QLG	0	0	0	0	60	51.6	1794	31	179	107	5.774	1.673	0.290	11.9	20.00
2497	40.1909	117.9313	-251.9	427	QLG	0	0	0	0	56	51.4	1794	32	125	136	3.906	0.919	0.235	11.9	20.00
2498	40.1904	117.9313	-250.6	426	QLG	0	0	0	0	53	51.4	1773	38	112	134	2.947	0.836	0.284	11.9	20.00
2499	40.1899	117.9314	-253.3	427	QLG	0	0	0	0	62	51.4	1738	33	109	128	3.303	0.852	0.258	11.9	20.00
2500	40.1894	117.9314	-252.1	426	QLG	0	0	0	0	66	51.4	1840	38	80	170	2.105	0.471	0.224	11.9	20.00
2501	40.1890	117.9314	-252.6	424	QLG	0	0	0	0	59	51.3	1755	39	98	201	2.513	0.488	0.194	11.8	20.00
2502	40.1885	117.9314	-252.5	430	QLG	0	0	0	0	53	51.5	1809	56	99	139	1.768	0.712	0.403	11.9	20.00
2503	40.1880	117.9314	-253.8	428	QLG	0	0	0	0	60	51.5	1770	52	97	132	1.865	0.735	0.394	11.8	20.00
2504	40.1876	117.9314	-253.0	426	QLG	0	0	0	0	59	51.4	1700	46	60	155	1.304	0.387	0.297	11.7	20.00
2505	40.1871	117.9314	-253.5	424	QLG	0	0	0	0	59	51.3	1693	27	81	161	3.000	0.503	0.168	11.7	20.00
2506	40.1866	117.9314	-253.8	424	QLG	0	0	0	0	65	51.3	1742	38	97	137	2.553	0.708	0.277	11.8	20.00
2507	40.1861	117.9315	-254.3	426	QLG	0	0	0	0	52	53.6	1732	46	117	114	2.543	1.026	0.404	11.7	20.00
2508	40.1857	117.9315	-254.5	423	QLG	0	0	0	0	60	53.6	1724	32	88	120	2.750	0.733	0.267	11.7	20.00
2509	40.1852	117.9315	-255.2	422	QLG	0	0	0	0	59	53.5	1766	29	90	187	3.103	0.481	0.155	11.7	20.00
2510	40.1847	117.9315	-255.0	420	QLG	0	0	0	0	51	53.5	1725	43	86	141	2.000	0.610	0.305	11.7	20.00
2511	40.1843	117.9315	-254.2	421	QLG	0	0	0	0	66	53.5	1819	47	134	143	3.350	0.937	0.280	11.7	20.00
2512	40.1838	117.9315	-255.5	419	QLG	0	0	0	0	56	53.4	1769	42	73	192	1.738	0.380	0.219	11.8	20.00
2513	40.1833	117.9315	-255.7	418	QLG	0	0	0	0	61	53.4	1835	58	61	139	1.052	0.439	0.417	11.8	20.00
2514	40.1828	117.9315	-256.5	419	QLG	0	0	0	0	68	53.4	1885	41	81	161	1.976	0.503	0.255	11.8	20.00
2515	40.1824	117.9316	-255.5	417	QLG	0	0	0	0	58	53.4	1916	26	180	125	6.923	1.440	0.208	11.8	20.00
2516	40.1819	117.9316	-256.0	417	QLG	0	0	0	0	60	53.4	1909	56	135	116	2.411	1.164	0.483	11.8	20.00
2517	40.1814	117.9316	-258.2	417	QLG	0	0	0	0	56	53.4	1826	26	159	117	6.115	1.359	0.222	11.8	20.00
2518	40.1810	117.9316	-256.9	415	QLG	0	0	0	0	59	53.3	1737	40	30	214	0.750	0.140	0.187	11.7	20.00
2519	40.1805	117.9316	-257.2	415	QLG	0	0	0	0	64	53.3	1896	49	80	140	1.633	0.571	0.350	11.7	20.00
2520	40.1800	117.9316	-256.9	412	QLG	0	0	0	0	61	53.2	1822	49	81	144	1.653	0.563	0.340	11.7	20.00
2521	40.1795	117.9316	-257.7	408	QLG	0	0	0	0	64	53.1	1806	30	169	105	5.633	1.610	0.286	11.6	20.00
2522	40.1791	117.9316	-256.9	407	QLG	0	0	0	0	61	53.1	1727	24	182	110	7.583	1.655	0.218	11.7	20.00
2523	40.1786	117.9316	-256.2	410	QLG	0	0	0	0	57	53.2	1732	48	114	134	2.375	0.851	0.358	11.7	20.00
2524	40.1781	117.9317	-257.4	412	QLG	0	0	0	0	61	53.2	1677	31	92	162	2.968	0.568	0.191	11.7	20.00
2525	40.1776	117.9317	-257.3	418	QLG	0	0	0	0	59	53.4	1681	50	58	125	1.160	0.464	0.400	11.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2526	40.1772	117.9317	-256.6	417	QLG	0	0	0	0	69	53.8	1797	39	107	151	2.744	0.709	0.258	11.8	20.00
2527	40.1767	117.9317	-257.3	415	QLG	0	0	0	0	65	53.7	1756	47	112	115	2.383	0.974	0.409	11.8	20.00
2528	40.1762	117.9317	-256.8	418	QLG	0	0	0	0	63	53.8	1678	43	76	158	1.767	0.481	0.272	11.9	20.00
2529	40.1758	117.9317	-256.3	416	QLG	0	0	0	0	69	53.8	1694	34	82	152	2.412	0.539	0.224	11.9	20.00
2530	40.1753	117.9317	-256.8	416	QLG	0	0	0	0	61	53.8	1800	23	118	154	5.130	0.766	0.149	11.9	20.00
2531	40.1748	117.9317	-256.1	410	QLG	0	0	0	0	70	53.6	1635	39	28	170	0.718	0.165	0.229	11.9	20.00
2532	40.1743	117.9318	-256.3	408	QLG	0	0	0	0	59	53.5	1761	60	38	163	0.633	0.233	0.368	11.9	20.00
2533	40.1739	117.9318	-254.8	405	QLG	0	0	0	0	64	53.4	1688	32	86	146	2.688	0.589	0.219	12.0	20.00
2534	40.1734	117.9318	-253.8	403	QLG	0	0	0	0	59	53.4	1685	29	115	144	3.966	0.799	0.201	12.0	20.00
2535	40.1729	117.9318	-254.1	403	QLG	0	0	0	0	61	53.4	1746	35	82	147	2.343	0.558	0.238	12.0	20.00
2536	40.1725	117.9318	-253.0	405	QLG	0	0	0	0	58	53.4	1730	27	193	102	7.148	1.892	0.265	12.1	20.00
2537	40.1720	117.9318	-252.5	410	QLG	0	0	0	0	63	53.6	1676	42	71	134	1.690	0.530	0.313	12.1	20.00
2538	40.1715	117.9318	-251.4	413	QLG	0	0	0	0	55	53.7	1682	40	71	137	1.775	0.518	0.292	12.2	20.00
2539	40.1710	117.9318	-250.4	415	QLG	0	0	0	0	63	53.7	1778	42	42	148	1.000	0.284	0.284	12.2	20.00
2540	40.1706	117.9319	-250.4	413	QLG	0	0	0	0	59	53.7	1824	36	125	98	3.472	1.276	0.367	12.2	20.00
2541	40.1701	117.9319	-249.7	411	QLG	0	0	0	0	63	53.6	1824	51	67	183	1.314	0.366	0.279	12.1	20.00
2542	40.1696	117.9319	-248.4	407	QLG	0	0	0	0	57	53.5	1734	62	51	152	0.823	0.336	0.408	12.2	20.00
2543	40.1692	117.9319	-248.7	407	QLG	0	0	0	0	54	53.5	1763	53	65	148	1.226	0.439	0.358	12.3	20.00
2544	40.1687	117.9319	-247.9	408	QLG	0	0	0	0	50	53.5	1893	41	107	140	2.610	0.764	0.293	12.3	20.00
2545	40.1682	117.9319	-248.1	406	QLG	0	0	0	0	61	52.6	1869	34	72	186	2.118	0.387	0.183	12.2	20.00
2546	40.1677	117.9319	-247.1	405	QLG	0	0	0	0	60	52.6	1806	34	135	137	3.971	0.985	0.248	12.3	20.00
2547	40.1673	117.9319	-246.6	404	QLG	0	0	0	0	64	52.6	1794	51	75	159	1.471	0.472	0.321	12.3	20.00
2548	40.1668	117.9319	-246.9	402	QLG	0	0	0	0	64	52.5	1755	46	46	169	1.000	0.272	0.272	12.3	20.00
2549	40.1663	117.9320	-246.4	403	QLG	0	0	0	0	64	52.6	1695	61	29	148	0.475	0.196	0.412	12.3	20.00
2550	40.1658	117.9320	-244.8	409	QLG	0	0	0	0	57	52.8	1716	45	83	124	1.8[illegible]	0.669	0.363	12.3	20.00
2551	40.1654	117.9320	-244.5	411	QLG	0	0	0	0	60	52.8	1757	40	75	135	1.875	0.556	0.296	12.3	20.00
2552	40.1649	117.9320	-245.3	411	QLG	0	0	0	0	64	52.8	1708	40	51	185	1.275	0.276	0.216	12.3	20.00
2553	40.1644	117.9320	-244.8	409	QLG	0	0	0	0	57	52.7	1828	57	118	122	2.070	0.967	0.467	12.3	20.00
2554	40.1640	117.9320	-243.8	407	QLG	0	0	0	0	56	52.7	1717	48	101	126	2.104	0.802	0.381	12.3	20.00
2555	40.1635	117.9320	-244.3	406	QLG	0	0	0	0	55	52.7	1773	46	103	147	2.239	0.701	0.313	12.4	20.00
2556	40.1630	117.9320	-243.8	404	QLG	0	0	0	0	60	52.6	1830	32	171	125	5.344	1.368	0.256	12.4	20.00
2557	40.1625	117.9321	-243.1	398	QLG	0	0	0	0	57	52.4	1752	34	102	155	3.000	0.658	0.219	12.4	20.00
2558	40.1621	117.9321	-242.5	400	QLG	0	0	0	0	59	52.5	1643	48	69	118	1.438	0.585	0.407	12.4	20.00
2559	40.1616	117.9321	-242.3	400	QLG	0	0	0	0	65	52.5	1772	33	88	197	2.667	0.447	0.168	12.4	20.00
2560	40.1611	117.9321	-242.3	398	QLG	0	0	0	0	56	52.4	1824	42	125	155	2.976	0.806	0.271	12.4	20.00
2561	40.1607	117.9321	-241.5	401	QLG	0	0	0	0	53	52.5	1775	49	71	136	1.449	0.522	0.360	12.4	20.00
2562	40.1602	117.9321	-239.7	397	QLG	0	0	0	0	58	52.4	1807	36	47	180	1.306	0.261	0.200	12.3	20.00
2563	40.1597	117.9321	-240.3	389	QLG	0	0	0	0	53	52.1	1761	38	170	106	4.474	1.604	0.358	12.3	20.00
2564	40.1592	117.9321	-239.0	390	QLG	0	0	0	0	65	50.3	1830	41	77	163	1.878	0.472	0.252	12.2	20.00
2565	40.1588	117.9322	-238.5	390	QLG	0	0	0	0	64	50.2	1881	35	90	170	2.571	0.529	0.206	12.2	20.00
2566	40.1583	117.9322	-239.0	386	QLG	0	0	0	0	63	50.1	1707	35	60	154	1.714	0.390	0.227	12.1	20.00
2567	40.1578	117.9322	-238.6	382	QLG	0	0	1	0	63	50.0	1878	53	22	184	0.415	0.120	0.288	12.2	20.00
2568	40.1574	117.9322	-237.3	376	QLG	0	0	0	0	62	49.8	1796	46	75	134	1.630	0.560	0.343	12.1	20.00
2569	40.1569	117.9322	-236.6	370	QLG	0	0	0	0	63	49.7	1793	38	136	122	3.579	1.115	0.311	12.1	20.00
2570	40.1564	117.9322	-235.9	371	QLG	0	0	0	0	58	49.7	1726	25	141	163	5.640	0.865	0.153	12.1	20.00
2571	40.1559	117.9322	-235.3	373	QLG	0	0	0	0	65	49.7	1764	47	53	171	1.128	0.310	0.275	12.1	20.00
2572	40.1555	117.9322	-235.3	377	QLG	0	0	0	0	62	49.9	1823	44	98	146	2.227	0.671	0.301	12.1	20.00
2573	40.1550	117.9322	-234.5	379	QLG	0	0	0	0	54	49.9	1746	56	54	145	0.964	0.372	0.386	12.0	20.00
2574	40.1545	117.9323	-234.7	378	QLG	0	0	0	0	65	49.9	1909	45	44	191	0.978	0.230	0.236	12.0	20.00
2575	40.1541	117.9323	-233.5	376	QLG	0	0	0	0	54	49.8	1734	41	130	96	3.171	1.354	0.427	12.0	20.00
2576	40.1536	117.9323	-232.3	373	QLG	0	0	0	0	61	49.7	1838	51	38	190	0.745	0.200	0.268	11.9	20.00
2577	40.1531	117.9323	-232.5	371	QLG	0	0	0	0	53	49.7	1749	42	102	129	2.429	0.791	0.326	11.9	20.00
2578	40.1526	117.9323	-232.0	373	QLG	0	0	0	0	56	49.7	1765	52	42	154	0.808	0.273	0.338	11.9	20.00
2579	40.1522	117.9323	-230.8	369	QLG	0	0	1	0	65	49.6	1807	63	25	157	0.397	0.159	0.401	11.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2580	40.1517	117.9323	-231.0	370	QLG	0	0	0	0	60	49.7	1727	36	59	175	1.639	0.337	0.206	11.8	20.00
2581	40.1512	117.9323	-229.7	371	QLG	0	0	1	0	61	49.7	1759	51	24	191	0.471	0.126	0.267	11.8	20.00
2582	40.1507	117.9324	-229.7	372	QLG	0	0	0	0	60	49.7	1807	37	59	183	1.595	0.322	0.202	11.8	20.00
2583	40.1503	117.9324	-228.0	367	QLG	0	0	0	0	64	51.3	1750	43	48	180	1.116	0.267	0.239	11.9	20.00
2584	40.1498	117.9324	-226.7	365	QLG	0	0	0	0	58	51.3	1765	36	117	130	3.250	0.900	0.277	11.9	20.00
2585	40.1493	117.9324	-226.2	363	QLG	0	0	0	0	60	51.2	1787	53	82	114	1.547	0.719	0.465	11.9	20.00
2586	40.1489	117.9324	-226.0	360	QLG	0	0	0	0	59	51.1	1748	49	81	141	1.653	0.574	0.348	11.9	20.00
2587	40.1484	117.9324	-224.5	360	QLG	0	0	0	0	53	51.1	1753	49	87	175	1.776	0.497	0.280	11.9	20.00
2588	40.1479	117.9324	-225.4	364	QLG	0	0	0	0	56	51.2	1859	50	97	156	1.940	0.622	0.321	11.9	20.00
2589	40.1472	117.9324	-224.0	364	QLG	0	0	0	0	58	51.2	1719	35	43	170	1.229	0.253	0.206	11.9	20.00
2590	40.1464	117.9324	-222.9	360	QLG	0	0	0	0	55	51.1	1670	37	141	139	3.811	1.014	0.266	11.9	20.00
2591	40.1456	117.9324	-222.2	361	QLG	0	0	0	0	64	51.2	1733	43	54	183	1.256	0.295	0.235	12.0	20.00
2592	40.1449	117.9324	-221.5	359	QLG	0	0	0	0	58	51.1	1898	49	106	137	2.163	0.774	0.358	12.0	20.00
2593	40.1441	117.9324	-219.9	358	QLG	0	0	0	0	54	51.1	1825	49	34	194	0.694	0.175	0.253	11.9	20.00
2594	40.1434	117.9324	-219.5	358	QLG	0	0	0	0	67	51.1	1706	37	142	128	3.838	1.109	0.289	11.9	20.00
2595	40.1426	117.9324	-218.8	354	QLG	0	0	0	0	60	50.9	1902	47	121	144	2.574	0.840	0.326	11.9	20.00
2596	40.1419	117.9324	-217.9	353	QLG	0	0	0	0	55	50.9	1768	25	134	157	5.360	0.854	0.159	11.9	20.00
2597	40.1411	117.9324	-217.2	356	QLG	0	0	0	0	56	51.0	1748	56	103	124	1.839	0.831	0.452	11.8	20.00
2598	40.1403	117.9323	-216.3	355	QLG	0	0	0	0	62	51.0	1768	54	46	163	0.852	0.282	0.331	11.8	20.00
2599	40.1396	117.9323	-214.9	355	QLG	0	0	0	0	66	51.0	1668	38	125	124	3.289	1.008	0.306	11.8	20.00
2600	40.1388	117.9323	-214.7	357	QLG	0	0	0	0	62	51.0	1831	49	75	146	1.531	0.514	0.336	11.8	20.00
2601	40.1381	117.9323	-214.1	351	QLG	0	0	0	0	58	50.8	1689	46	81	154	1.761	0.526	0.299	11.8	20.00
2602	40.1373	117.9323	-212.2	352	QLG	0	0	0	0	56	47.7	1732	30	144	150	4.800	0.960	0.200	11.9	20.00
2603	40.1366	117.9323	-211.7	359	QLG	0	0	0	0	59	47.9	1732	37	103	179	2.784	0.575	0.207	11.8	20.00
2604	40.1358	117.9323	-211.0	361	QLG	0	0	0	0	69	48.0	1636	32	82	115	2.563	0.713	0.278	11.8	20.00
2605	40.1350	117.9323	-210.1	361	QLG	0	0	0	0	60	48.0	1842	33	122	170	3.697	0.718	0.194	11.8	20.00
2606	40.1343	117.9323	-208.1	368	QLG	0	0	0	0	59	48.2	1690	31	131	129	4.226	1.016	0.240	11.8	20.00
2607	40.1335	117.9323	-207.9	371	QLG	0	0	0	0	63	48.3	1807	46	73	146	1.587	0.500	0.315	11.8	20.00
2608	40.1328	117.9323	-208.3	371	QLG	0	0	0	0	58	48.3	1620	23	75	184	3.261	0.408	0.125	11.7	20.00
2609	40.1320	117.9323	-207.3	372	QLG	0	0	0	0	64	48.3	1651	31	151	102	4.871	1.480	0.304	11.7	20.00
2610	40.1313	117.9323	-206.7	365	QLG	0	0	0	0	63	48.1	1740	46	66	153	1.435	0.431	0.301	11.7	20.00
2611	40.1308	117.9321	-206.2	367	QLG	0	0	0	0	64	48.2	1795	52	134	127	2.577	1.055	0.409	11.8	20.00
2612	40.1303	117.9320	-205.0	362	QLG	0	0	0	0	59	48.0	1739	34	102	165	3.000	0.618	0.206	11.8	20.00
2613	40.1298	117.9318	-204.8	358	QLG	0	0	0	0	60	47.9	1723	49	100	127	2.041	0.787	0.383	11.8	20.00
2614	40.1293	117.9317	-204.5	365	QLG	0	0	0	0	57	48.1	1622	30	94	123	3.133	0.764	0.244	11.9	20.00
2615	40.1288	117.9316	-202.2	365	QLG	0	0	0	0	67	48.1	1680	34	115	117	3.382	0.983	0.291	11.9	20.00
2616	40.1283	117.9314	-199.4	373	QLG	0	0	0	0	65	48.4	1599	24	130	110	5.417	1.182	0.218	11.9	20.00
2617	40.1277	117.9313	-198.9	376	QLG	0	0	0	0	63	48.5	1739	42	144	129	3.429	1.116	0.326	12.0	20.00
2618	40.1273	117.9311	-198.9	379	QLG	0	0	0	0	62	48.5	1642	39	105	131	2.692	0.802	0.298	11.9	20.00
2619	40.1268	117.9310	-197.7	376	QLG	0	0	0	0	60	48.5	1626	49	55	156	1.122	0.353	0.314	11.9	20.00
2620	40.1262	117.9308	-196.7	372	QLG	0	0	0	0	63	48.3	1517	33	97	105	2.939	0.924	0.314	11.9	20.00
2621	40.1257	117.9307	-196.8	368	QLG	0	0	0	0	50	50.3	1592	43	118	110	2.744	1.073	0.391	11.9	20.00
2622	40.1252	117.9306	-195.8	363	QLG	0	0	0	0	60	50.1	1532	41	101	116	2.463	0.871	0.353	12.0	20.00
2623	40.1247	117.9304	-195.6	359	QLG	0	0	0	0	59	50.0	1516	25	105	118	4.200	0.890	0.212	12.0	20.00
2624	40.1242	117.9303	-194.8	362	QLG	0	0	0	0	55	50.0	1603	36	58	165	1.611	0.352	0.218	12.1	20.00
2625	40.1237	117.9301	-192.8	363	QLG	0	0	0	0	64	50.1	1657	49	51	150	1.041	0.340	0.327	12.1	20.00
2626	40.1232	117.9300	-192.5	366	QLG	0	0	0	0	63	50.2	1570	27	65	136	2.407	0.478	0.199	12.1	20.00
2627	40.1227	117.9299	-190.5	369	QLG	0	0	0	0	66	50.3	1665	30	75	125	2.500	0.600	0.240	12.2	20.00
2628	40.1222	117.9297	-190.3	370	QLG	0	0	0	0	65	50.3	1639	34	94	159	2.765	0.591	0.214	12.1	20.00
2629	40.1217	117.9296	-189.5	375	QLG	0	0	0	0	69	50.5	1557	45	53	138	1.178	0.384	0.326	12.2	20.00
2630	40.1212	117.9294	-189.0	378	QLG	0	0	0	0	66	50.6	1547	27	90	140	3.333	0.643	0.193	12.2	20.00
2631	40.1207	117.9293	-188.2	384	QLG	0	0	0	0	63	50.8	1649	44	51	139	1.159	0.367	0.317	12.2	20.00
2632	40.1202	117.9292	-187.1	390	QLG	0	0	0	0	61	50.9	1577	36	78	160	2.167	0.488	0.225	12.2	20.00
2633	40.1197	117.9290	-186.3	396	QLG	0	0	0	0	68	51.1	1761	22	102	175	4.636	0.583	0.126	12.3	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2634	40.1192	117.9289	-182.8	402	QLG	0	0	0	0	60	51.3	1562	33	76	132	2.303	0.576	0.250	12.2	20.00
2635	40.1187	117.9287	-180.0	405	QLG	0	0	0	0	63	51.4	1664	22	145	122	6.591	1.189	0.180	12.1	20.00
2636	40.1182	117.9286	-178.7	409	QLG	0	0	0	0	63	51.5	1616	34	73	139	2.147	0.525	0.245	12.1	20.00
2637	40.1177	117.9285	-177.7	409	QLG	0	0	0	0	61	51.5	1486	29	80	134	2.759	0.597	0.216	12.0	20.00
2638	40.1172	117.9283	-176.4	416	QLG	0	0	0	0	56	51.7	1636	32	84	136	2.625	0.618	0.235	12.1	20.00
2639	40.1167	117.9282	-174.9	420	QLG	0	0	0	0	64	51.8	1513	24	86	119	3.583	0.723	0.202	12.0	20.00
2640	40.1162	117.9280	-173.1	425	QLG	0	0	0	0	62	46.5	1596	23	68	159	2.957	0.428	0.145	12.0	20.00
2641	40.1157	117.9279	-173.0	437	QLG	0	0	0	0	66	46.8	1574	29	48	137	1.655	0.350	0.212	12.0	20.00
2642	40.1152	117.9278	-173.4	448	QLG	0	0	0	0	60	47.1	1616	24	139	96	5.792	1.448	0.250	12.0	20.00
2643	40.1147	117.9276	-173.0	447	QLG	0	0	0	0	65	47.1	1463	32	76	107	2.375	0.710	0.299	12.0	20.00
2644	40.1142	117.9275	-170.9	451	QLG	0	0	0	0	53	47.2	1576	49	94	106	1.918	0.887	0.462	12.0	20.00
2645	40.1137	117.9273	-171.9	454	QLG	0	0	0	0	54	47.3	1584	31	41	131	1.323	0.313	0.237	11.9	20.00
2646	40.1132	117.9272	-170.7	452	QLG	0	0	0	0	63	47.2	1490	26	74	137	2.846	0.540	0.190	11.8	20.00
2647	40.1127	117.9271	-168.2	449	QLG	0	0	0	0	68	47.1	1546	22	119	142	5.409	0.838	0.155	11.9	20.00
2648	40.1122	117.9269	-166.4	457	QLG	0	0	0	0	66	47.3	1572	28	91	105	3.250	0.867	0.267	11.9	20.00
2649	40.1117	117.9268	-164.1	460	QLG	0	0	0	0	60	47.4	1559	40	41	140	1.025	0.293	0.286	11.9	20.00
2650	40.1112	117.9266	-163.1	464	QLG	0	0	0	0	59	47.5	1627	22	81	152	3.682	0.533	0.145	11.9	20.00
2651	40.1107	117.9265	-160.9	463	QLG	0	0	0	0	61	47.5	1632	29	71	127	2.448	0.559	0.228	11.8	20.00
2652	40.1102	117.9263	-159.6	462	QLG	0	0	0	0	60	47.5	1518	36	80	113	2.222	0.708	0.319	11.8	20.00
2653	40.1097	117.9262	-158.4	459	QAL	0	0	0	0	68	47.4	1540	39	99	83	2.538	1.193	0.470	11.8	20.00
2654	40.1092	117.9261	-155.1	464	QAL	0	0	0	0	55	47.5	1592	14	48	189	3.429	0.254	0.074	11.8	20.00
2655	40.1087	117.9259	-152.6	466	QAL	0	0	0	0	57	47.6	1614	23	162	92	7.043	1.761	0.250	11.7	20.00
2656	40.1082	117.9258	-149.4	465	QAL	0	0	0	0	60	47.5	1614	42	90	108	2.143	0.833	0.389	11.7	20.00
2657	40.1077	117.9256	-146.9	464	QAL	0	0	0	0	64	47.5	1534	8	182	89	22.750	2.045	0.090	11.7	20.00
2658	40.1072	117.9255	-143.8	470	QAL	0	0	0	0	53	47.7	1558	39	74	134	1.897	0.552	0.291	11.8	20.00
2659	40.1067	117.9254	-141.3	471	QAL	0	0	0	0	62	49.2	1601	44	93	138	2.114	0.674	0.319	11.9	20.00
2660	40.1062	117.9252	-138.8	475	QAL	0	0	0	0	60	49.3	1669	38	56	157	1.474	0.357	0.242	11.9	20.00
2661	40.1057	117.9251	-133.3	471	QAL	0	0	0	0	58	49.2	1621	41	83	117	2.024	0.709	0.350	12.0	20.00
2662	40.1052	117.9249	-128.4	471	QAL	0	0	0	0	54	49.2	1632	43	67	108	1.558	0.620	0.398	12.0	20.00
2663	40.1047	117.9248	-124.4	463	QAL	0	0	0	0	65	49.0	1625	30	90	131	3.000	0.687	0.229	11.9	20.00
2664	40.1042	117.9247	-119.4	466	QAL	0	0	0	0	61	49.1	1653	28	76	140	2.714	0.543	0.200	11.9	20.00
2665	40.1037	117.9245	-113.9	465	QAL	0	0	1	0	61	49.0	1612	39	2	185	0.051	0.011	0.211	11.9	20.00
2666	40.1032	117.9244	-108.6	466	QAL	0	0	0	0	67	49.1	1651	35	116	102	3.314	1.137	0.343	11.9	20.00
2667	40.1027	117.9242	-103.4	469	QAL	0	0	0	0	66	49.2	1598	38	78	107	2.053	0.729	0.355	11.8	20.00
2668	40.1022	117.9241	-96.7	466	QAL	0	0	0	0	63	49.1	1600	19	76	147	4.000	0.517	0.129	11.8	20.00
2669	40.1017	117.9240	-89.6	470	QAL	0	0	0	0	55	49.2	1574	41	36	124	0.878	0.290	0.331	11.8	20.00
2670	40.1012	117.9238	-82.7	468	QAL	0	0	0	0	50	49.1	1640	41	108	106	2.634	1.019	0.387	11.9	20.00
2671	40.1007	117.9237	-74.9	469	QAL	0	0	0	0	57	49.2	1600	27	101	122	3.741	0.828	0.221	11.9	20.00
2672	40.1002	117.9235	-66.9	476	QAL	0	0	0	0	63	49.3	1607	21	86	122	4.095	0.705	0.172	11.9	20.00
2673	40.0997	117.9234	-59.9	474	QAL	0	0	0	0	58	49.3	1597	29	35	163	1.250	0.215	0.172	11.9	20.00
2674	40.0992	117.9233	-45.6	472	QAL	0	0	0	0	56	49.2	1576	36	89	113	2.472	0.788	0.319	11.8	20.00
2675	40.0987	117.9231	-38.7	466	QAL	0	0	0	0	63	49.1	1553	28	65	127	2.321	0.512	0.220	11.8	20.00
2676	40.0982	117.9230	-30.0	456	QAL	0	0	0	0	57	48.8	1627	36	113	100	3.139	1.130	0.360	11.7	20.00
2677	40.0977	117.9228	-24.6	453	QAL	0	0	0	0	57	48.7	1481	29	70	95	2.414	0.737	0.305	11.7	20.00
2678	40.0972	117.9227	-17.1	453	QAL	0	0	0	0	61	44.1	1550	25	56	159	2.240	0.352	0.157	11.8	20.00
2679	40.0967	117.9226	-11.6	447	QAL	0	0	0	0	60	43.9	1534	19	86	140	4.526	0.614	0.136	11.7	20.00
2680	40.0962	117.9224	-5.1	444	QAL	0	0	0	0	58	43.9	1553	33	64	147	1.939	0.435	0.224	11.7	20.00
2681	40.0957	117.9223	0.0	446	QAL	0	0	0	0	56	43.9	1618	25	98	129	3.920	0.760	0.194	11.7	20.00
2682	40.0952	117.9221	3.4	448	QAL	0	0	0	0	59	44.0	1525	27	86	127	3.185	0.677	0.213	11.7	20.00
2683	40.0947	117.9220	8.6	444	QAL	0	0	0	0	60	43.9	1675	31	46	140	1.484	0.329	0.221	11.8	20.00
2684	40.0942	117.9218	12.8	443	QAL	0	0	0	0	58	43.8	1511	35	44	141	1.257	0.312	0.248	11.7	20.00
2685	40.0937	117.9217	17.3	436	QAL	0	0	0	0	63	43.7	1542	28	103	101	3.679	1.020	0.277	11.7	20.00
2686	40.0932	117.9216	20.7	431	QAL	0	0	0	0	57	43.6	1521	30	109	86	3.633	1.267	0.349	11.7	20.00
2687	40.0927	117.9214	25.4	427	QAL	0	0	0	0	51	43.5	1519	19	170	82	8.947	2.073	0.232	11.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2688	40.0922	117.9213	28.2	428	QAL	0	0	0	0	63	43.5	1569	39	83	102	2.128	0.814	0.382	11.8	20.00
2689	40.0917	117.9211	28.7	426	QAL	0	0	0	0	68	43.4	1470	29	65	153	2.241	0.425	0.190	11.8	20.00
2690	40.0912	117.9210	28.4	423	QAL	0	0	0	0	66	43.4	1597	18	93	156	5.167	0.596	0.115	11.8	20.00
2691	40.0907	117.9209	27.1	418	QAL	0	0	0	0	70	43.2	1570	29	98	111	3.379	0.883	0.261	11.8	20.00
2692	40.0902	117.9207	25.8	410	QAL	0	0	0	0	59	43.0	1678	46	40	176	0.870	0.227	0.261	11.8	20.00
2693	40.0897	117.9206	21.7	405	QAL	0	0	0	0	65	42.9	1651	27	28	188	1.037	0.149	0.144	11.9	20.00
2694	40.0892	117.9204	18.2	405	QAL	0	0	0	0	64	42.9	1611	39	108	148	2.769	0.730	0.264	11.9	20.00
2695	40.0887	117.9203	12.0	408	QAL	0	0	0	0	61	43.0	1642	40	125	112	3.125	1.116	0.357	12.0	20.00
2696	40.0882	117.9202	6.3	414	QAL	0	0	0	0	56	43.1	1710	21	156	128	7.429	1.219	0.164	12.1	20.00
2697	40.0879	117.9202	0.3	418	QAL	0	0	0	0	63	48.6	1780	36	89	131	2.472	0.679	0.275	12.2	20.00
2698	40.0876	117.9203	-6.5	418	QAL	0	0	0	0	59	48.6	1704	28	123	146	4.393	0.842	0.192	12.2	20.00
2699	40.0873	117.9203	-13.1	421	QAL	0	0	0	0	69	48.7	1751	28	69	194	2.464	0.356	0.144	12.3	20.00
2700	40.0869	117.9204	-18.2	419	QAL	0	0	0	0	53	48.6	1690	33	124	146	3.758	0.849	0.226	12.3	20.00
2701	40.0866	117.9204	-32.9	422	QAL	0	0	0	0	68	48.7	1701	41	45	157	1.098	0.287	0.261	12.4	20.00
2702	40.0863	117.9205	-39.8	421	QAL	0	0	0	0	59	48.7	1753	38	98	149	2.579	0.658	0.255	12.4	20.00
2703	40.0860	117.9205	-45.1	416	QAL	0	0	0	0	63	48.5	1807	45	78	140	1.733	0.557	0.321	12.4	20.00
2704	40.0857	117.9205	-51.0	411	QAL	0	0	0	0	58	48.4	1669	27	113	189	4.185	0.598	0.143	12.4	20.00
2705	40.0853	117.9206	-54.3	410	QAL	0	0	0	0	67	48.4	1701	29	131	133	4.517	0.985	0.218	12.5	20.00
2706	40.0850	117.9206	-57.1	414	QAL	0	0	0	0	71	48.5	1774	27	146	149	5.407	0.980	0.181	12.5	20.00
2707	40.0847	117.9207	-60.1	413	QAL	0	0	0	0	66	48.5	1748	41	120	114	2.927	1.053	0.360	12.5	20.00
2708	40.0844	117.9207	-62.2	413	QAL	0	0	0	0	68	48.5	1751	35	88	141	2.514	0.624	0.248	12.5	20.00
2709	40.0841	117.9208	-63.8	410	QAL	0	0	0	0	54	48.4	1774	34	83	171	2.441	0.485	0.199	12.5	20.00
2710	40.0837	117.9208	-65.1	410	QAL	0	0	0	0	60	48.4	1682	55	35	132	0.636	0.265	0.417	12.5	20.00
2711	40.0834	117.9209	-65.7	409	QAL	0	0	0	0	71	48.3	1786	32	116	103	3.625	1.126	0.311	12.4	20.00
2712	40.0831	117.9209	-65.3	405	QAL	0	0	0	0	60	48.2	1596	31	54	155	1.742	0.348	0.200	12.4	20.00
2713	40.0828	117.9210	-66.6	402	QAL	0	0	0	0	72	48.1	1665	37	46	155	1.243	0.297	0.239	12.4	20.00
2714	40.0824	117.9210	-79.4	401	QAL	0	0	0	0	62	48.1	1713	38	87	152	2.289	0.572	0.250	12.5	20.00
2715	40.0821	117.9211	-91.7	403	QAL	0	0	0	0	57	48.2	1821	50	73	137	1.460	0.533	0.365	12.5	20.00
2716	40.0818	117.9211	-108.6	396	QAL	0	0	0	0	62	50.5	1638	44	74	117	1.682	0.632	0.376	12.4	20.00
2717	40.0815	117.9212	-120.8	379	QAL	0	0	0	0	62	50.0	1587	31	72	160	2.323	0.450	0.194	12.5	20.00
2718	40.0812	117.9212	-130.2	365	QAL	0	0	1	0	62	49.6	1600	34	16	146	0.471	0.110	0.233	12.5	20.00
2719	40.0808	117.9213	-135.5	363	QAL	0	0	0	0	64	49.5	1566	38	87	98	2.289	0.888	0.388	12.4	20.00
2720	40.0805	117.9213	-139.8	364	QAL	0	0	0	0	60	49.6	1510	37	47	129	1.270	0.364	0.287	12.3	20.00
2721	40.0802	117.9214	-144.8	372	QAL	0	0	0	0	73	49.8	1472	11	103	124	9.364	0.831	0.089	12.3	20.00
2722	40.0799	117.9214	-153.0	386	QAL	0	0	0	0	59	50.3	1511	32	112	101	3.500	1.109	0.317	12.3	20.00
2723	40.0795	117.9215	-162.6	390	QAL	0	0	1	0	58	50.4	1454	37	13	130	0.351	0.100	0.285	12.2	20.00
2724	40.0792	117.9215	-172.1	397	QAL	0	0	0	0	66	50.6	1503	37	36	153	0.973	0.235	0.242	12.2	20.00
2725	40.0789	117.9216	-180.1	394	QAL	0	0	0	0	48	50.5	1499	30	67	141	2.233	0.475	0.213	12.2	20.00
2726	40.0786	117.9216	-186.7	391	QAL	0	0	0	0	69	50.4	1530	28	52	162	1.857	0.321	0.173	12.2	20.00
2727	40.0783	117.9217	-191.0	395	QAL	0	0	0	0	66	50.5	1587	41	105	105	2.561	1.000	0.390	12.2	20.00
2728	40.0779	117.9217	-193.6	393	QAL	0	0	0	0	65	50.5	1643	35	74	140	2.114	0.529	0.250	12.1	20.00
2729	40.0776	117.9218	-194.6	395	QAL	0	0	0	0	65	50.5	1652	37	140	97	3.784	1.443	0.381	12.0	20.00
2730	40.0773	117.9218	-197.7	396	QAL	0	0	0	0	62	50.6	1587	38	30	162	0.789	0.185	0.235	12.0	20.00
2731	40.0770	117.9219	-201.0	399	QAL	0	0	0	0	67	50.6	1621	42	61	136	1.452	0.449	0.309	12.0	20.00
2732	40.0766	117.9219	-204.0	403	QAL	0	0	0	0	61	50.8	1671	45	74	114	1.644	0.649	0.395	11.9	20.00
2733	40.0763	117.9220	-205.7	408	QAL	0	0	0	0	62	50.9	1731	41	67	122	1.634	0.549	0.336	11.8	20.00
2734	40.0760	117.9220	-206.3	411	QAL	0	0	0	0	65	51.0	1711	46	80	139	1.739	0.576	0.331	11.7	20.00
2735	40.0757	117.9221	-207.1	414	QAL	0	0	0	0	55	51.9	1594	36	79	154	2.194	0.513	0.234	11.7	20.00
2736	40.0754	117.9221	-206.9	415	QAL	0	0	0	0	55	52.0	1597	41	81	124	1.976	0.653	0.331	11.6	20.00
2737	40.0750	117.9222	-207.7	418	QAL	0	0	0	0	61	52.0	1635	27	96	135	3.556	0.711	0.200	11.6	20.00
2738	40.0747	117.9222	-207.2	424	QAL	0	0	0	0	69	52.2	1628	39	63	113	1.615	0.558	0.345	11.6	20.00
2739	40.0744	117.9223	-208.6	434	QAL	0	0	0	0	62	52.5	1569	32	99	115	3.094	0.861	0.278	11.5	20.00
2740	40.0741	117.9223	-207.7	438	QAL	0	0	1	0	82	52.6	1601	52	12	116	0.231	0.103	0.448	11.5	20.00
2741	40.0737	117.9224	-207.5	439	QAL	0	0	1	0	67	52.7	1590	54	-21	134	-0.389	-0.157	0.403	11.5	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2742	40.0734	117.9224	-208.1	435	QAL	0	0	0	0	61	52.5	1642	53	36	112	0.679	0.321	0.473	11.4	20.00
2743	40.0731	117.9225	-207.9	436	QAL	0	0	1	0	76	52.6	1690	50	16	127	0.320	0.126	0.394	11.3	20.00
2744	40.0728	117.9225	-207.4	442	QAL	0	0	0	0	64	52.7	1611	48	72	96	1.500	0.750	0.500	11.2	20.00
2745	40.0725	117.9225	-208.2	446	QAL	0	0	0	0	66	52.8	1570	28	61	143	2.179	0.427	0.196	11.1	20.00
2746	40.0721	117.9226	-207.8	439	QAL	0	0	0	0	64	52.6	1637	44	74	98	1.682	0.755	0.449	11.0	20.00
2747	40.0718	117.9226	-209.1	435	QAL	0	0	0	0	69	52.5	1600	33	43	93	1.303	0.462	0.355	10.9	20.00
2748	40.0715	117.9227	-209.7	438	QAL	0	0	0	0	64	52.6	1551	24	80	146	3.333	0.548	0.164	10.8	20.00
2749	40.0712	117.9227	-212.2	445	QAL	0	0	0	0	59	52.8	1465	32	54	116	1.688	0.466	0.276	10.7	20.00
2750	40.0708	117.9228	-211.4	451	QAL	0	0	0	0	65	53.0	1480	27	61	110	2.259	0.555	0.245	10.7	20.00
2751	40.0705	117.9228	-212.5	448	TS6	0	0	0	0	61	52.9	1348	34	58	86	1.706	0.674	0.395	10.7	20.00
2752	40.0702	117.9229	-214.1	448	TS6	0	0	1	0	65	52.9	1410	30	22	92	0.733	0.239	0.326	10.6	20.00
2753	40.0699	117.9229	-216.7	438	TS6	0	0	0	0	67	52.6	1388	33	37	88	1.121	0.420	0.375	10.6	20.00
2754	40.0696	117.9230	-217.7	423	TS6	0	0	0	0	65	49.7	1345	33	30	89	0.909	0.337	0.371	10.5	20.00
2755	40.0692	117.9230	-219.7	391	TS6	0	0	0	0	62	48.8	1243	29	29	117	1.000	0.248	0.248	10.4	20.00
2756	40.0689	117.9231	-221.4	354	TS6	0	0	0	0	65	47.7	1154	23	80	62	3.478	1.290	0.371	10.4	20.00
2757	40.0686	117.9231	-223.2	319	TS6	0	0	0	0	68	46.6	1080	29	40	80	1.379	0.500	0.363	10.3	20.00
2758	40.0683	117.9232	-225.7	295	TS6	0	0	1	0	61	45.8	1087	15	13	84	0.867	0.155	0.179	10.2	20.00
2759	40.0679	117.9232	-226.4	272	TS6	0	0	0	0	65	45.1	1050	18	50	79	2.778	0.633	0.228	10.2	20.00
2760	40.0676	117.9233	-229.6	263	TS6	0	0	0	0	69	44.8	1059	22	42	68	1.909	0.618	0.324	10.2	20.00
2761	40.0673	117.9233	-228.3	248	TS6	0	0	0	0	69	44.3	991	28	45	60	1.607	0.750	0.467	10.1	20.00
2762	40.0670	117.9234	-231.2	266	TS6	0	0	1	0	69	44.9	1084	33	21	70	0.636	0.300	0.471	10.2	20.00
2763	40.0667	117.9234	-232.6	310	TS6	0	0	1	0	67	46.3	1108	32	18	75	0.563	0.240	0.427	10.1	20.00
2764	40.0663	117.9235	-232.3	361	TS6	0	0	0	0	64	47.9	1189	25	32	72	1.280	0.444	0.347	10.0	20.00
2765	40.0660	117.9235	-235.5	402	TS6	0	0	0	0	65	49.1	1095	23	26	84	1.130	0.310	0.274	9.9	20.00
2766	40.0657	117.9236	-238.5	437	TS6	0	0	0	0	78	50.1	1163	22	25	59	1.136	0.424	0.373	9.9	20.00
2767	40.0654	117.9236	-241.6	466	TS6	0	0	1	0	61	50.9	1225	24	-17	116	-0.708	-0.147	0.207	9.9	20.00
2768	40.0650	117.9237	-243.5	485	TS6	0	0	0	0	66	51.4	1290	29	29	77	1.000	0.377	0.377	9.8	20.00
2769	40.0647	117.9237	-245.8	493	TS6	0	0	0	0	67	51.6	1222	16	89	46	5.563	1.935	0.348	9.8	20.00
2770	40.0644	117.9238	-249.0	497	QAL	0	0	1	0	71	51.7	1263	36	14	94	0.389	0.149	0.383	9.8	20.00
2771	40.0641	117.9238	-249.6	493	QAL	0	1	0	0	62	51.6	1186	37	77	14	2.031	5.500	2.643	9.8	20.00
2772	40.0638	117.9239	-252.2	496	QAL	0	0	0	0	69	51.7	1308	41	27	65	0.659	0.415	0.631	9.8	20.00
2773	40.0634	117.9239	-255.2	496	QAL	0	0	0	0	70	45.3	1370	19	56	100	2.947	0.560	0.190	9.8	20.00
2774	40.0631	117.9240	-257.9	513	QAL	0	0	0	0	62	45.7	1268	12	105	50	8.750	2.100	0.240	9.7	20.00
2775	40.0628	117.9240	-258.4	520	QAL	0	0	0	0	69	45.9	1416	27	47	92	1.741	0.511	0.293	9.7	20.00
2776	40.0625	117.9241	-260.4	497	QAL	0	0	0	0	63	45.4	1288	29	40	86	1.379	0.465	0.337	9.6	20.00
2777	40.0622	117.9241	-262.8	479	QAL	0	0	0	0	54	44.9	1359	57	58	58	1.018	1.000	0.983	9.6	20.00
2778	40.0618	117.9242	-265.4	424	QAL	0	0	0	0	72	43.6	1239	34	42	99	1.235	0.424	0.343	9.7	20.00
2779	40.0615	117.9242	-269.6	370	QAL	0	0	0	0	69	42.2	1137	22	83	70	3.773	1.186	0.314	9.8	20.00
2780	40.0612	117.9243	-270.7	341	QTB2	0	0	0	0	65	41.5	1167	32	96	43	3.000	2.233	0.744	9.9	20.00
2781	40.0609	117.9243	-271.0	333	QTB2	0	0	0	0	62	41.3	1170	31	58	53	1.871	1.094	0.585	9.9	20.00
2782	40.0605	117.9244	-270.3	335	QTB2	0	0	0	0	69	41.3	1092	16	97	51	6.063	1.902	0.314	10.0	20.00
2783	40.0602	117.9244	-270.6	366	QTB2	0	0	1	0	61	42.1	1096	33	8	56	0.242	0.143	0.589	10.0	20.00
2784	40.0599	117.9244	-268.0	417	QTB2	0	0	0	0	70	43.5	1226	24	31	103	1.292	0.301	0.233	10.0	20.00
2785	40.0596	117.9245	-265.7	459	QTB2	0	0	0	0	55	44.5	1244	20	64	86	3.200	0.744	0.233	10.0	20.00
2786	40.0593	117.9245	-262.4	475	QTB2	0	0	0	0	68	44.8	1281	27	75	66	2.778	1.136	0.409	10.0	20.00
2787	40.0589	117.9246	-259.9	487	QTB2	0	0	0	0	69	45.1	1320	23	64	81	2.783	0.790	0.284	10.1	20.00
2788	40.0586	117.9246	-254.9	492	QTB2	0	0	0	0	63	45.2	1351	18	134	66	7.444	2.030	0.273	10.1	20.00
2789	40.0583	117.9247	-249.5	494	QTB2	0	0	0	0	58	45.3	1445	24	58	134	2.417	0.433	0.179	10.1	20.00
2790	40.0580	117.9247	-242.2	497	QTB2	0	0	0	0	65	45.3	1356	39	104	51	2.667	2.039	0.765	10.1	20.00
2791	40.0576	117.9248	-234.8	493	QTB2	0	0	0	0	68	45.3	1466	42	28	119	0.667	0.235	0.353	10.0	20.00
2792	40.0573	117.9248	-223.2	492	QTB2	0	0	0	0	64	39.4	1449	27	141	88	5.222	1.602	0.307	10.0	20.00
2793	40.0570	117.9249	-219.5	489	QTB2	0	0	0	0	70	39.4	1508	16	99	111	6.188	0.892	0.144	10.0	20.00
2794	40.0567	117.9249	-217.1	487	QTB2	0	0	0	0	71	39.3	1510	44	41	119	0.932	0.345	0.370	9.9	20.00
2795	40.0564	117.9250	-219.4	486	QTB2	0	0	0	0	68	39.3	1515	23	98	104	4.261	0.942	0.221	9.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2796	40.0560	117.9250	-223.7	484	QTB2	0	0	1	0	60	39.2	1432	38	2	157	0.053	0.013	0.242	9.9	20.00
2797	40.0557	117.9251	-231.0	483	QTB2	0	0	0	0	71	39.2	1485	30	89	124	2.967	0.718	0.242	10.0	20.00
2798	40.0554	117.9251	-237.8	486	QTB2	0	0	0	0	70	39.3	1492	42	34	106	0.810	0.321	0.396	9.9	20.00
2799	40.0551	117.9252	-246.9	486	QTB2	0	0	0	0	73	39.3	1598	31	103	130	3.323	0.792	0.238	9.9	20.00
2800	40.0547	117.9252	-254.7	486	QTB2	0	0	0	0	73	39.3	1668	31	86	158	2.774	0.544	0.196	9.9	20.00
2801	40.0544	117.9253	-261.3	485	QTB2	0	0	0	0	63	39.3	1615	39	49	113	1.256	0.434	0.345	9.9	20.00
2802	40.0541	117.9253	-267.3	486	QTB2	0	0	0	0	68	39.3	1569	28	57	146	2.036	0.390	0.192	9.8	20.00
2803	40.0538	117.9254	-273.4	484	QTB2	0	0	0	0	72	39.3	1583	31	99	88	3.194	1.125	0.352	9.8	20.00
2804	40.0535	117.9254	-279.7	488	QTB2	0	0	0	0	67	39.3	1534	36	78	122	2.167	0.639	0.295	9.8	20.00
2805	40.0531	117.9255	-280.2	489	QTB2	0	0	0	0	74	39.3	1485	30	54	137	1.800	0.394	0.219	9.8	20.00
2806	40.0528	117.9255	-288.5	490	QTB2	0	0	0	0	74	39.4	1580	39	109	108	2.795	1.009	0.361	9.7	20.00
2807	40.0525	117.9256	-295.3	491	QTB2	0	0	0	1	65	39.4	1394	5	157	79	31.400	1.987	0.063	9.7	20.00
2808	40.0522	117.9256	-301.9	493	QTB2	0	0	0	0	62	39.4	1469	30	44	138	1.467	0.319	0.217	9.7	20.00
2809	40.0518	117.9257	-307.7	494	QTB2	0	0	0	0	78	39.5	1395	27	47	109	1.741	0.431	0.248	9.7	20.00
2810	40.0515	117.9257	-318.2	493	QTB2	0	0	1	0	71	39.4	1440	40	18	127	0.450	0.142	0.315	9.7	20.00
2811	40.0512	117.9258	-330.8	491	QTB2	0	0	0	0	66	30.4	1380	32	38	135	1.188	0.281	0.237	9.7	20.00
2812	40.0509	117.9258	-348.6	496	QTB2	0	0	0	0	78	30.5	1448	38	42	81	1.105	0.519	0.469	9.7	20.00
2813	40.0506	117.9259	-371.2	491	QTB2	0	0	0	0	74	30.4	1368	32	53	87	1.656	0.609	0.368	9.6	20.00
2814	40.0502	117.9259	-394.7	490	QTB2	0	0	0	0	72	30.4	1415	21	75	135	3.571	0.556	0.156	9.6	20.00
2815	40.0499	117.9260	-421.8	490	QTB2	0	0	0	0	70	30.4	1194	25	101	33	4.040	3.061	0.758	9.6	20.00
2816	40.0496	117.9260	-447.4	492	QTB2	0	0	0	0	79	30.4	1302	21	115	43	5.476	2.674	0.488	9.6	20.00
2817	40.0493	117.9261	-469.2	490	QTB2	0	0	0	0	73	30.4	1301	12	64	115	5.333	0.557	0.104	9.6	20.00
2818	40.0489	117.9261	-489.4	494	QTB2	0	0	0	0	72	30.5	1261	23	66	70	2.870	0.943	0.329	9.5	20.00
2819	40.0486	117.9262	-517.8	489	QTB2	0	0	0	0	74	30.4	1230	22	58	93	2.636	0.624	0.237	9.5	20.00
2820	40.0483	117.9262	-522.6	489	QTB2	0	0	1	0	64	30.4	1241	28	18	130	0.643	0.138	0.215	9.5	20.00
2821	40.0480	117.9263	-518.7	485	QTB2	0	0	0	0	67	30.3	1202	29	31	85	1.069	0.365	0.341	9.4	20.00
2822	40.0477	117.9263	-507.1	480	QTB2	0	0	0	0	68	30.3	1234	18	71	71	3.944	1.000	0.254	9.4	20.00
2823	40.0473	117.9264	-488.5	468	QTB2	0	0	0	0	73	30.1	1179	13	73	70	5.615	1.043	0.186	9.4	20.00
2824	40.0470	117.9264	-463.6	460	QTB2	0	0	0	0	71	29.9	1132	14	61	71	4.357	0.859	0.197	9.4	20.00
2825	40.0467	117.9264	-435.2	451	QTB2	0	0	0	0	68	29.8	1028	13	48	67	3.692	0.716	0.194	9.3	20.00
2826	40.0464	117.9265	-406.4	441	QTB2	0	0	0	0	70	29.6	1085	11	88	79	8.000	1.114	0.139	9.2	20.00
2827	40.0460	117.9265	-374.2	437	QTB2	0	0	0	0	79	29.6	1047	13	66	60	5.077	1.100	0.217	9.3	20.00
2828	40.0457	117.9266	-345.9	449	QTB2	0	0	0	0	71	29.8	1084	14	68	40	4.857	1.700	0.350	9.2	20.00
2829	40.0454	117.9266	-319.0	450	QTB2	0	0	0	0	71	29.8	1180	13	63	61	4.846	1.033	0.213	9.0	20.00
2830	40.0451	117.9267	-296.1	440	QTB2	0	0	0	0	77	38.9	1145	16	43	81	2.688	0.531	0.198	8.9	20.00
2831	40.0448	117.9267	-275.5	437	QTB2	0	0	0	0	81	38.9	1112	12	27	77	2.250	0.351	0.156	8.8	20.00
2832	40.0444	117.9268	-238.0	439	QTB2	0	0	0	0	91	38.9	1118	8	45	58	5.625	0.776	0.138	8.6	20.00
2833	40.0441	117.9268	-223.3	446	QTB2	0	0	0	0	71	39.1	1139	10	29	83	2.900	0.349	0.120	8.5	20.00
2834	40.0438	117.9269	-209.7	457	QTB2	0	1	0	0	81	39.3	1077	13	92	9	7.077	10.222	1.444	8.[illegible]	20.00
2835	40.0435	117.9269	-195.2	473	QTB2	0	0	0	0	86	39.6	1114	13	67	64	5.154	1.047	0.203	8.3	20.00
2836	40.0431	117.9270	-178.4	484	QTB2	0	0	0	0	81	39.9	1194	20	70	61	3.500	1.148	0.328	8.2	20.00
2837	40.0428	117.9270	-161.9	490	QTB2	0	0	1	0	76	40.0	1215	17	18	85	1.059	0.212	0.200	8.2	20.00
2838	40.0425	117.9271	-142.0	490	QTB2	0	0	0	0	76	40.0	1215	21	68	76	3.238	0.895	0.276	8.1	20.00
2839	40.0422	117.9271	-122.0	487	QTB2	0	0	1	0	78	39.9	1126	8	14	96	1.750	0.146	0.083	8.0	20.00
2840	40.0419	117.9272	-100.1	483	QTB2	0	0	0	0	76	39.8	1173	31	28	65	0.903	0.431	0.477	7.9	20.00
2841	40.0415	117.9272	-79.0	477	QTB2	0	0	0	0	76	39.7	1242	28	24	91	0.857	0.264	0.308	7.8	20.00
2842	40.0412	117.9273	-58.8	449	QTB2	0	0	0	0	73	39.1	1216	26	50	93	1.923	0.538	0.280	7.7	20.00
2843	40.0409	117.9273	-38.9	411	QTB2	0	0	1	0	82	38.3	1092	29	19	64	0.655	0.297	0.453	7.6	20.00
2844	40.0406	117.9274	-30.2	385	QTB2	0	0	0	0	81	37.7	1041	22	32	51	1.455	0.627	0.431	7.6	20.00
2845	40.0402	117.9274	-29.0	378	QTB2	0	0	0	1	94	37.6	1029	6	32	95	5.333	0.337	0.063	7.6	20.00
2846	40.0399	117.9275	-22.5	385	QTB2	0	0	0	0	73	37.7	1202	14	90	49	6.429	1.837	0.286	7.6	20.00
2847	40.0396	117.9275	-10.0	401	QTB2	0	0	1	0	85	38.1	1222	21	22	85	1.048	0.259	0.247	7.5	20.00
2848	40.0393	117.9276	2.9	400	QTB2	0	0	0	0	72	38.1	1131	18	80	41	4.444	1.951	0.439	7.3	20.00
2849	40.0390	117.9276	16.6	397	QTB2	0	0	0	0	83	43.6	1156	13	80	65	6.154	1.231	0.200	7.3	20.00

P	BP
6	20.00
6	20.00
6	20.00
6	20.00
6	20.00
7	20.00
7	20.00
7	20.00
7	20.00
8	20.00
8	20.00
9	20.00
9	20.00
9	20.00
8	20.00
9	20.00
0	20.00
0	20.00
0	20.00
0	20.00
9	20.00
9	20.00
9	20.00
9	20.00
9	20.00
9	20.00
9	20.00
9	20.00
8	20.00
8	20.00
8	20.00
8	20.00
7	20.00
7	20.00
7	20.00
7	20.00
6	20.00
6	20.00
6	20.00
6	20.00
5	20.00
5	20.00
4	20.00
4	20.00
4	20.00
4	20.00
3	20.00
3	20.00
3	20.00
2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2850	40.0386	117.9277	29.1	402	QTB2	0	0	1	0	88	43.7	1162	16	21	84	1.313	0.250	0.190	7.2	20.00
2851	40.0383	117.9277	39.4	418	QTB2	0	0	0	0	83	44.1	1107	9	84	61	9.333	1.377	0.148	7.1	20.00
2852	40.0380	117.9278	45.5	434	QTB2	0	0	0	0	80	44.5	1214	12	59	74	4.917	0.797	0.162	7.1	20.00
2853	40.0377	117.9278	45.3	449	QTB2	0	0	0	0	85	44.9	1201	17	51	62	3.000	0.823	0.274	7.0	20.00
2854	40.0374	117.9279	43.1	461	QTB2	0	0	1	0	92	45.2	1382	21	14	118	0.667	0.119	0.178	6.9	20.00
2855	40.0370	117.9279	38.4	473	QTB2	0	0	0	0	97	45.5	1328	10	44	82	4.400	0.537	0.122	6.8	20.00
2856	40.0367	117.9280	32.5	465	QTB2	0	0	0	0	85	45.3	1254	15	30	126	2.000	0.238	0.119	6.7	20.00
2857	40.0364	117.9280	26.0	447	QTB2	0	0	0	0	88	44.8	1304	25	31	95	1.240	0.326	0.263	6.7	20.00
2858	40.0361	117.9281	-11.0	419	QTB2	0	0	0	0	90	44.1	1325	17	42	110	2.471	0.382	0.155	6.7	20.00
2859	40.0357	117.9281	-54.2	371	QTB2	0	0	1	0	90	42.9	1227	24	19	113	0.792	0.168	0.212	6.6	20.00
2860	40.0354	117.9282	-108.2	350	QTB2	0	0	0	0	92	42.3	1198	22	38	76	1.727	0.500	0.289	6.5	20.00
2861	40.0351	117.9282	-150.1	342	QTB2	0	0	0	0	89	42.1	1359	15	68	112	4.533	0.607	0.134	6.4	20.00
2862	40.0348	117.9283	-169.0	330	QTB2	0	0	0	0	80	41.8	1259	18	95	74	5.278	1.284	0.243	6.3	20.00
2863	40.0345	117.9283	-184.0	306	QTB2	0	0	0	0	83	41.1	1260	14	88	74	6.286	1.189	0.189	[illegible]	[illegible]
2864	40.0341	117.9284	-204.1	305	QTB2	0	0	0	0	89	41.1	1200	19	64	83	3.368	0.771	0.229	6.2	[illegible]
2865	40.0338	117.9284	-217.0	319	QTB2	0	0	0	0	83	41.5	1249	25	110	52	4.400	2.115	0.481	6.2	[illegible]
2866	40.0335	117.9284	-231.9	336	QTB2	0	0	0	0	86	41.9	1307	31	54	75	1.742	0.720	0.413	6.1	[illegible]
2867	40.0332	117.9285	-246.1	351	QTB2	0	0	0	0	83	42.3	1309	25	37	119	1.480	0.311	0.210	6.0	[illegible]
2868	40.0328	117.9285	-254.3	366	QTB2	0	0	0	0	87	45.0	1368	34	46	95	1.353	0.484	0.358	[illegible]	20.00
2869	40.0325	117.9286	-256.0	375	QTB2	0	0	0	0	89	45.3	1411	36	38	105	1.056	0.362	0.343	5.8	20.00
2870	40.0322	117.9286	-251.0	382	QTB2	0	0	0	0	97	45.5	1310	31	38	115	1.226	0.330	0.270	5.7	20.00
2871	40.0319	117.9287	-221.0	390	QTB2	0	0	0	0	89	45.7	1431	19	65	113	3.421	0.575	0.168	5.6	20.00
2872	40.0316	117.9287	-208.3	393	QTB2	0	0	0	0	96	45.8	1417	19	85	116	4.474	0.733	0.164	5.5	20.00
2873	40.0312	117.9288	-204.9	394	QTB2	0	0	0	0	87	45.8	1462	26	49	99	1.885	0.495	0.263	5.5	20.00
2874	40.0309	117.9288	-211.6	400	QTB2	0	0	1	0	99	46.0	1417	48	4	127	0.083	0.031	0.378	5.4	20.00
2875	40.0306	117.9289	-231.9	402	QTB2	0	0	0	0	79	46.0	1327	33	26	89	0.788	0.292	0.371	5.4	20.00
2876	40.0303	117.9289	-252.7	407	QTB2	0	0	0	0	79	46.2	1392	27	33	122	1.222	0.270	0.221	5.4	20.00
2877	40.0299	117.9290	-261.6	429	QTB2	0	0	1	0	81	46.7	1350	39	11	90	0.282	0.122	0.433	5.4	20.00
2878	40.0296	117.9290	-257.4	457	QTB2	0	0	0	0	92	47.5	1377	26	95	52	3.654	1.827	0.500	5.4	20.00
2879	40.0293	117.9291	-244.8	480	QTB2	0	0	1	0	93	48.1	1500	35	5	132	0.143	0.038	0.265	5.5	20.00
2880	40.0290	117.9291	-232.0	486	QTB2	0	0	0	0	82	48.2	1454	25	130	112	5.200	1.161	0.223	5.5	20.00
2881	40.0286	117.9291	-218.1	487	QTB2	0	0	0	0	83	48.2	1475	24	107	96	4.458	1.115	0.250	5.6	20.00
2882	40.0282	117.9291	-204.6	483	QTB2	0	0	0	0	77	48.1	1435	40	34	117	0.850	0.291	0.342	5.7	20.00
2883	40.0278	117.9291	-192.5	469	QTB2	0	0	0	0	83	47.8	1491	59	52	66	0.881	0.788	0.894	5.8	20.00
2884	40.0274	117.9291	-177.0	448	QTB2	0	0	0	0	92	47.2	1372	36	57	105	1.583	0.543	0.343	5.8	20.00
2885	40.0270	117.9291	-184.8	411	QTB2	0	0	0	0	83	46.3	1335	19	91	76	4.789	1.197	0.250	5.8	20.00
2886	40.0267	117.9290	-206.3	395	QTB2	0	0	0	0	83	45.9	1370	26	79	68	3.038	1.162	0.382	5.9	20.00
2887	40.0263	117.9290	-230.3	398	QTB2	0	0	1	0	88	33.9	1435	26	22	154	0.846	0.143	0.169	5.9	20.00
2888	40.0259	117.9290	-255.5	402	QTB2	0	0	0	0	96	34.0	1391	33	28	115	0.848	0.243	0.287	5.8	20.00
2889	40.0255	117.9290	-277.3	403	QTB2	0	0	1	0	82	34.0	1458	41	13	137	0.317	0.095	0.299	5.8	20.00
2890	40.0251	117.9290	-299.8	407	QTB2	0	0	0	0	86	34.1	1467	53	46	92	0.868	0.500	0.576	5.8	20.00
2891	40.0247	117.9290	-319.5	418	QTB2	0	0	0	0	94	34.3	1435	25	34	145	1.360	0.234	0.172	5.9	20.00
2892	40.0243	117.9290	-338.5	429	QTB2	0	0	0	0	95	34.6	1461	36	28	120	0.778	0.233	0.300	5.9	20.00
2893	40.0240	117.9290	-350.1	443	QTB2	0	0	0	0	84	34.8	1457	23	120	74	5.217	1.622	0.311	6.0	20.00
2894	40.0236	117.9289	-354.7	471	QTB2	0	0	0	0	85	35.3	1521	28	101	113	3.607	0.894	0.248	6.0	20.00
2895	40.0232	117.9289	-357.6	487	QTB2	0	0	0	0	101	35.6	1437	14	95	114	6.786	0.833	0.123	6.0	20.00
2896	40.0228	117.9289	-362.9	491	QTB2	0	0	0	0	91	35.7	1484	19	84	96	4.421	0.875	0.198	5.9	20.00
2897	40.0224	117.9289	-369.6	495	QTB2	0	0	0	0	82	35.8	1398	27	24	113	0.889	0.212	0.239	5.9	20.00
2898	40.0220	117.9289	-350.9	500	QTB2	0	0	0	0	92	35.9	1429	15	107	81	7.133	1.321	0.185	5.9	20.00
2899	40.0216	117.9289	-333.3	544	QTB2	0	0	0	0	90	36.6	1485	33	34	111	1.030	0.306	0.297	5.9	20.00
2900	40.0213	117.9289	-316.8	584	QTB2	0	0	1	0	97	37.3	1600	39	6	115	0.154	0.052	0.339	6.0	20.00
2901	40.0209	117.9288	-307.2	622	QTB2	0	0	0	0	89	37.9	1562	19	82	111	4.316	0.739	0.171	5.9	20.00
2902	40.0205	117.9288	-301.6	642	QTB2	0	0	0	0	88	38.2	1529	23	93	84	4.043	1.107	0.274	5.9	20.00
2903	40.0201	117.9288	-306.9	636	QTB2	0	0	0	0	87	38.1	1493	24	67	119	2.792	0.563	0.202	6.0	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	IL:K	TEMP	BP
2904	40.0197	117.9288	-317.7	615	QTB2	0	0	0	0	82	37.8	1467	18	90	94	5.000	0.957	0.191	6.0	20.00
2905	40.0193	117.9288	-335.2	608	QTB2	0	0	1	0	84	37.7	1454	25	24	137	0.960	0.175	0.182	6.0	20.00
2906	40.0189	117.9288	-357.7	584	QTB2	0	0	0	0	90	32.3	1595	23	78	80	3.391	0.975	0.288	6.1	20.00
2907	40.0186	117.9288	-380.8	554	QTB2	0	0	0	0	88	31.8	1496	20	96	83	4.800	1.157	0.241	6.1	20.00
2908	40.0182	117.9287	-397.5	533	QTB2	0	0	0	0	96	31.5	1441	40	76	46	1.900	1.652	0.870	6.1	20.00
2909	40.0178	117.9287	-403.5	510	QTB2	0	0	0	0	87	31.2	1469	30	74	91	2.467	0.813	0.330	6.1	20.00
2910	40.0174	117.9287	-401.6	497	TS6	0	0	0	0	83	31.0	1322	13	55	100	4.231	0.550	0.130	6.1	20.00
2911	40.0170	117.9287	-384.9	492	TS6	0	0	0	0	85	30.9	1420	26	99	90	3.808	1.100	0.289	6.2	20.00
2912	40.0166	117.9287	-386.8	480	TS6	0	0	0	0	88	30.7	1417	31	38	137	1.226	0.277	0.226	6.2	20.00
2913	40.0162	117.9287	-403.6	448	TS6	0	0	0	0	82	30.2	1402	26	37	133	1.423	0.278	0.195	6.3	20.00
2914	40.0159	117.9287	-428.8	438	TS6	0	0	0	0	85	30.0	1373	18	56	128	3.111	0.438	0.141	6.3	20.00
2915	40.0155	117.9286	-451.9	457	TS6	0	0	0	0	87	30.3	1303	23	74	101	3.217	0.733	0.228	6.4	20.00
2916	40.0151	117.9286	-472.5	483	TS6	0	0	0	0	95	30.7	1311	23	74	66	3.217	1.121	0.348	6.5	20.00
2917	40.0147	117.9286	-491.2	489	TS6	0	0	0	0	86	30.8	1382	14	80	114	5.714	0.702	0.123	6.6	20.00
2918	40.0143	117.9286	-506.7	496	TS6	0	0	0	0	100	30.9	1214	9	37	120	4.111	0.308	0.075	6.6	20.00
2919	40.0139	117.9286	-517.2	499	TS6	0	0	0	0	90	31.0	1323	30	62	78	2.067	0.795	0.385	6.7	20.00
2920	40.0135	117.9286	-516.7	532	TS6	0	0	0	0	82	31.5	1325	32	28	95	0.875	0.295	0.337	6.8	20.00
2921	40.0132	117.9286	-504.1	576	TS6	0	0	1	0	85	32.1	1243	19	17	86	0.895	0.198	0.221	6.8	20.00
2922	40.0128	117.9285	-478.6	651	TS6	0	0	0	0	82	33.2	1408	21	76	100	3.619	0.760	0.210	6.9	20.00
2923	40.0124	117.9285	-439.9	709	TS6	1	0	0	0	87	33.9	1444	22	35	88	1.591	0.398	0.250	7.0	20.00
2924	40.0120	117.9285	-363.5	758	TS6	1	0	0	0	82	34.5	1561	17	110	59	6.471	1.864	0.288	7.0	20.00
2925	40.0116	117.9285	-343.3	726	TS6	1	0	1	0	89	31.9	1442	16	21	121	1.313	0.174	0.132	7.0	20.00
2926	40.0112	117.9285	-339.0	641	TS6	0	0	0	0	90	30.9	1308	19	36	100	1.895	0.360	0.190	7.0	20.00
2927	40.0108	117.9285	-347.0	568	TS6	0	0	0	0	72	29.9	1194	16	83	25	5.188	3.320	0.640	7.0	20.00
2928	40.0105	117.9285	-360.5	532	TS6	0	0	0	1	89	29.4	1134	7	54	50	7.714	1.080	0.140	7.0	20.00
2929	40.0101	117.9285	-365.9	587	TS6	0	0	0	0	87	30.2	1297	15	89	30	5.933	2.967	0.500	7.0	20.00
2930	40.0097	117.9284	-353.1	657	JGB	0	1	0	1	86	31.1	1246	4	100	7	25.000	14.286	0.571	7.0	20.00
2931	40.0093	117.9284	-327.7	737	JGB	1	0	0	0	88	32.0	1368	15	28	105	1.867	0.267	0.143	7.0	20.00
2932	40.0089	117.9284	-300.7	834	JGB	1	0	0	0	93	33.0	1473	24	54	66	2.250	0.818	0.364	6.9	20.00
2933	40.0085	117.9284	-275.9	880	JGB	1	0	1	0	75	33.5	1370	38	-30	111	-0.789	-0.270	0.342	6.8	20.00
2934	40.0081	117.9284	-251.9	944	JGB	1	0	0	1	94	34.1	1463	11	30	78	2.727	0.385	0.141	6.8	20.00
2935	40.0078	117.9284	-229.8	1022	JGB	2	0	1	1	84	34.7	1489	12	26	86	2.167	0.302	0.140	6.9	20.00
2936	40.0074	117.9284	-208.0	1117	JGB	2	1	0	1	94	35.3	1640	3	83	29	27.667	2.862	0.103	6.8	20.00
2937	40.0070	117.9283	-171.7	1196	JGB	2	0	1	1	83	35.3	1724	4	31	231	7.750	0.134	0.017	6.8	20.00
2938	40.0066	117.9283	-160.5	1230	JGB	2	0	0	1	88	35.3	1731	10	84	58	8.400	1.448	0.172	6.8	20.00
2939	40.0062	117.9283	-152.6	1253	JGB	2	0	0	1	97	35.3	1659	6	44	65	7.333	0.677	0.092	6.9	20.00
2940	40.0058	117.9283	-146.7	1276	JGB	2	0	0	1	89	35.3	1789	0	55	106	55.000	0.519	0.009	6.9	20.00
2941	40.0054	117.9283	-145.5	1299	JGB	2	1	1	0	94	35.3	1802	24	0	53	0.042	0.019	0.453	6.9	20.00
2942	40.0051	117.9283	-146.3	1303	JGB	2	1	0	0	82	35.3	1826	48	66	19	1.375	3.474	2.526	6.9	20.00
2943	40.0047	117.9283	-146.2	1312	JGB	2	1	0	1	88	35.3	1892	-9	99	49	-12.375	2.020	-0.163	6.9	20.00
2944	40.0043	117.9282	-148.7	1321	JGB	2	1	0	0	79	40.8	1745	42	45	-2	1.071	-22.500	-21.000	6.9	20.00
2945	40.0039	117.9282	-152.0	1324	JGB	2	1	0	0	84	40.8	1954	30	74	31	2.467	2.387	0.968	6.9	20.00
2946	40.0035	117.9282	-155.3	1312	JGB	2	1	0	1	92	40.8	1753	-12	70	32	-5.833	2.188	-0.375	6.9	20.00
2947	40.0031	117.9282	-158.6	1286	JGB	2	0	0	1	92	40.8	1767	-8	70	65	-8.750	1.077	-0.123	7.0	20.00
2948	40.0027	117.9282	-162.9	1282	JGB	2	0	0	1	78	40.8	1663	11	70	83	6.364	0.843	0.133	7.0	20.00
2949	40.0024	117.9282	-165.6	1261	JGB	2	1	0	0	66	40.8	1852	30	50	54	1.667	0.926	0.556	7.1	20.00
2950	40.0020	117.9282	-170.8	1220	NA	2	0	1	1	95	40.8	1661	-11	27	183	-2.455	0.148	-0.060	7.1	20.00
2951	40.0016	117.9281	-173.5	1170	NA	2	0	0	0	80	40.8	1612	19	38	105	2.000	0.362	0.181	7.1	20.00
2952	40.0012	117.9281	-175.5	1145	NA	2	0	1	1	86	40.8	1645	5	26	182	5.200	0.143	0.027	7.1	20.00
2953	40.0008	117.9281	-177.3	1111	NA	2	0	1	0	81	40.8	1528	49	-27	163	-0.551	-0.166	0.301	7.2	20.00
2954	40.0004	117.9281	-178.8	1109	NA	2	1	0	0	78	40.8	1526	32	46	37	1.438	1.243	0.865	7.1	20.00
2955	40.0000	117.9281	-180.4	1100	NA	2	1	1	0	70	40.8	1411	55	-36	36	-0.655	-1.000	1.528	7.2	20.00
2956	39.9997	117.9281	-182.5	1102	NA	2	0	1	0	85	40.8	1567	26	22	129	0.846	0.171	0.202	7.2	20.00
2957	39.9993	117.9281	-183.4	1085	NA	2	1	0	0	86	40.7	1548	27	59	8	2.185	7.375	3.375	7.3	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2958	39.9989	117.9281	-182.6	1095	NA	2	1	0	1	82	40.8	1536	9	79	37	8.778	2.135	0.243	7.3	20.00
2959	39.9985	117.9280	-181.8	1073	NA	2	0	1	0	77	40.6	1557	40	27	48	0.675	0.563	0.833	7.4	20.00
2960	39.9981	117.9280	-180.2	1035	NA	2	0	0	0	71	40.2	1484	20	31	79	1.550	0.392	0.253	7.4	20.00
2961	39.9977	117.9280	-178.7	1003	NA	2	0	1	0	81	39.9	1508	31	18	91	0.581	0.198	0.341	7.5	20.00
2962	39.9973	117.9280	-175.4	984	NA	1	0	1	0	85	39.7	1567	39	19	67	0.487	0.284	0.582	7.5	20.00
2963	39.9970	117.9280	-167.8	966	NA	1	1	0	0	85	39.7	1573	34	43	22	1.265	1.955	1.545	7.5	20.00
2964	39.9966	117.9280	-164.5	950	NA	1	0	0	0	78	39.5	1542	24	30	81	1.250	0.370	0.296	7.5	20.00
2965	39.9962	117.9280	-161.6	950	NA	1	0	0	1	72	39.5	1588	11	78	82	7.091	0.951	0.134	7.5	20.00
2966	39.9958	117.9279	-158.7	962	NA	1	0	1	0	79	39.7	1577	34	25	71	0.735	0.352	0.479	7.5	20.00
2967	39.9954	117.9279	-157.4	948	NA	1	0	0	0	84	39.5	1627	27	65	62	2.407	1.048	0.435	7.4	20.00
2968	39.9950	117.9279	-157.1	955	NA	1	0	0	0	79	39.6	1607	20	45	149	2.250	0.302	0.134	7.4	20.00
2969	39.9946	117.9279	-157.9	956	NA	1	0	0	0	79	39.6	1763	19	37	136	1.947	0.272	0.140	7.4	20.00
2970	39.9943	117.9279	-159.3	948	NA	1	0	0	0	75	39.5	1606	18	89	96	4.944	0.927	0.188	7.4	20.00
2971	39.9939	117.9279	-162.3	945	NA	1	0	1	0	71	39.5	1562	36	2	147	0.056	0.014	0.245	6.3	20.00
2972	39.9935	117.9279	-165.4	934	NA	1	0	1	0	77	39.4	1621	43	23	103	0.535	0.223	0.417	5.0	20.00
2973	39.9931	117.9278	-169.9	977	NA	1	0	0	0	79	39.8	1732	39	116	64	2.974	1.813	0.609	9.5	20.00
2974	39.9927	117.9278	-174.2	1033	NA	2	0	0	0	87	40.3	1669	46	73	63	1.587	1.159	0.730	6.4	20.00
2975	39.9923	117.9278	-179.1	1050	NA	2	0	0	0	75	40.5	1755	47	36	72	0.766	0.500	0.653	7.6	20.00
2976	39.9919	117.9278	-183.7	1010	NA	2	0	1	0	79	40.1	1562	45	28	114	0.622	0.246	0.395	4.6	20.00
2977	39.9916	117.9278	-195.9	958	NA	1	1	0	0	84	39.6	1622	15	145	16	9.667	9.063	0.938	7.7	20.00
2978	39.9912	117.9278	-199.8	916	NA	1	0	0	0	79	39.2	1527	35	47	63	1.343	0.746	0.556	7.2	20.00
2979	39.9908	117.9278	-204.6	882	NA	1	1	0	0	76	38.8	1410	21	84	30	4.000	2.800	0.700	7.4	20.00
2980	39.9904	117.9277	-208.0	844	NA	1	0	0	0	78	38.4	1375	12	34	99	2.833	0.343	0.121	8.7	20.00
2981	39.9900	117.9277	-209.3	808	NA	1	0	0	0	66	38.0	1531	27	112	68	4.148	1.647	0.397	6.8	20.00
2982	39.9896	117.9277	-211.6	778	NA	1	0	1	0	81	46.5	1553	40	17	83	0.425	0.205	0.482	7.6	20.00
2983	39.9892	117.9277	-212.9	746	NA	1	0	1	0	82	46.0	1374	33	6	93	0.182	0.065	0.355	4.7	20.00
2984	39.9889	117.9277	-214.5	744	NA	1	0	0	0	87	46.0	1502	12	42	124	3.500	0.339	0.097	7.8	20.00
2985	39.9885	117.9277	-215.5	712	NA	1	0	1	0	76	45.4	1469	53	-8	84	-0.151	-0.095	0.631	8.9	20.00
2986	39.9881	117.9277	-216.4	675	NA	0	0	0	0	73	44.8	1394	23	67	118	2.913	0.568	0.195	3.4	20.00
2987	39.9877	117.9277	-216.4	647	NA	0	0	0	0	68	44.3	1354	17	96	59	5.647	1.627	0.288	6.9	20.00
2988	39.9873	117.9276	-214.7	616	NA	0	0	0	0	75	43.8	1379	28	69	54	2.464	1.278	0.519	9.2	20.00
2989	39.9869	117.9276	-211.6	596	NA	0	0	0	0	68	43.4	1498	27	57	118	2.111	0.483	0.229	12.2	20.00
2990	39.9865	117.9276	-202.6	544	NA	0	0	0	0	80	42.4	1350	21	94	64	4.476	1.469	0.328	5.6	20.00
2991	39.9862	117.9276	-197.1	515	NA	0	0	0	1	81	41.8	1373	7	89	105	12.714	0.848	0.067	4.8	20.00
2992	39.9858	117.9276	-193.3	499	NA	0	0	0	0	73	41.5	1281	21	51	70	2.429	0.729	0.300	6.5	20.00
2993	39.9854	117.9276	-188.4	494	NA	0	0	0	0	76	41.4	1286	33	33	73	1.000	0.452	0.452	7.2	20.00
2994	39.9850	117.9276	-175.5	489	NA	0	0	0	0	78	41.3	1268	8	80	89	10.000	0.899	0.090	7.9	20.00
2995	39.9846	117.9275	-148.9	469	NA	0	0	0	0	85	40.9	1321	19	28	101	1.474	0.277	0.188	7.8	20.00
2996	39.9842	117.9275	-126.7	441	NA	0	0	0	1	72	40.2	1240	4	105	88	26.250	1.193	0.045	7.2	20.00
2997	39.9838	117.9275	-141.0	429	NA	0	0	0	0	75	40.0	1263	19	82	59	4.556	1.390	0.305	10.3	20.00
2998	39.9835	117.9275	-176.1	403	NA	0	0	0	0	83	39.4	1276	25	44	87	1.760	0.506	0.287	6.5	20.00
2999	39.9831	117.9275	-189.9	397	NA	0	0	0	0	75	39.3	1372	26	79	96	3.038	0.823	0.271	4.4	20.00
3000	39.9827	117.9275	-174.5	413	NA	0	0	0	0	78	39.6	1372	39	26	140	0.667	0.186	0.279	7.0	20.00
3001	39.9823	117.9275	-165.3	417	NA	0	0	0	0	74	39.7	1372	18	46	149	2.556	0.309	0.121	8.0	20.00
3002	39.9819	117.9274	-169.3	421	NA	0	0	0	0	71	39.8	1396	33	25	152	0.758	0.164	0.217	7.7	20.00
3003	39.9815	117.9274	-193.1	423	NA	0	0	0	0	76	39.8	1513	41	78	131	1.902	0.595	0.313	10.5	20.00
3004	39.9811	117.9274	-206.3	434	NA	0	0	0	0	83	40.1	1461	14	123	99	8.786	1.242	0.141	5.5	20.00
3005	39.9808	117.9274	-219.9	458	NA	0	0	0	0	73	40.6	1578	23	117	94	5.087	1.245	0.245	13.0	20.00
3006	39.9804	117.9274	-229.7	451	NA	0	0	1	0	71	40.5	1489	49	11	164	0.224	0.067	0.299	5.9	20.00
3007	39.9800	117.9274	-229.3	443	NA	0	0	0	0	80	40.3	1530	37	84	128	2.270	0.656	0.289	10.8	20.00
3008	39.9796	117.9274	-224.3	415	NA	0	0	0	0	73	39.7	1381	32	44	110	1.375	0.400	0.291	9.0	20.00
3009	39.9792	117.9273	-224.2	375	NA	0	0	0	0	78	38.7	1265	23	92	73	4.000	1.260	0.315	10.1	20.00
3010	39.9788	117.9273	-228.7	385	NA	0	0	0	0	81	39.0	1226	9	92	76	10.222	1.211	0.118	8.2	20.00
3011	39.9784	117.9273	-231.2	443	NA	0	0	0	0	75	40.3	1266	28	37	94	1.321	0.394	0.298	9.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	I	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3012	39.9781	117.9273	-232.4	488	NA	0	0	0	0	80	41.3	1367	36	45	83	1.250	0.542	0.434	11.8	20.00
3013	39.9777	117.9273	-236.1	496	NA	0	0	0	0	74	41.4	1455	35	82	103	2.343	0.796	0.340	8.0	20.00
3014	39.9773	117.9273	-238.8	539	NA	0	0	0	0	82	42.3	1700	28	86	142	3.071	0.606	0.197	8.1	20.00
3015	39.9769	117.9273	-238.6	597	NA	0	0	0	0	74	43.4	1873	37	96	136	2.595	0.706	0.272	10.5	20.00
3016	39.9765	117.9273	-241.3	645	NA	0	0	0	0	68	44.3	2078	42	170	145	4.048	1.172	0.290	8.1	20.00
3017	39.9761	117.9272	-238.9	696	NA	0	0	0	0	76	45.2	2106	55	107	171	1.945	0.626	0.322	6.0	20.00
3018	39.9757	117.9272	-237.1	764	NA	1	0	0	0	75	46.3	2337	48	82	300	1.708	0.273	0.160	8.8	20.00
3019	39.9754	117.9272	-234.8	807	NA	1	0	0	0	84	46.9	2165	59	140	126	2.373	1.111	0.468	7.4	20.00
3020	39.9750	117.9272	-233.3	820	NA	1	0	0	0	76	47.1	2256	62	72	245	1.161	0.294	0.253	7.7	20.00

1 GEODATA INT. INC. SINGLE REC LISTING WINNEMUCCA TIE LINE 2

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3021	39.9675	117.6949	-223.1	361	NA	0	0	0	0	56	33.7	1632	45	152	63	3.378	2.413	0.714	7.2	20.00
3022	39.9675	117.6949	-221.2	468	NA	0	0	0	0	69	35.8	1968	71	62	167	0.873	0.371	0.425	12.7	20.00
3023	39.9675	117.6950	-224.2	467	NA	0	0	0	0	65	35.8	1937	46	121	145	2.630	0.834	0.317	9.7	20.00
3024	39.9679	117.6950	-225.0	465	NA	0	0	0	0	54	35.8	2011	35	128	218	3.657	0.587	0.161	11.7	20.00
3025	39.9683	117.6950	-225.7	462	NA	0	0	0	0	58	35.7	2026	50	145	160	2.900	0.906	0.313	14.1	20.00
3026	39.9687	117.6950	-226.0	456	NA	0	0	0	0	59	35.6	2129	66	114	171	1.727	0.667	0.386	13.8	20.00
3027	39.9690	117.6950	-219.6	433	NA	0	0	0	0	57	35.2	1987	42	172	178	4.095	0.966	0.236	8.9	20.00
3028	39.9694	117.6950	-218.7	419	NA	0	0	0	0	58	34.9	1983	60	137	146	2.283	0.938	0.411	9.6	20.00
3029	39.9698	117.6950	-219.7	414	NA	0	0	0	0	57	34.8	2064	59	116	183	1.966	0.634	0.322	12.9	20.00
3030	39.9702	117.6950	-218.6	413	NA	0	0	0	0	58	34.8	2032	48	205	121	4.271	1.694	0.397	9.6	20.00
3031	39.9705	117.6951	-217.9	407	NA	0	0	0	0	59	34.6	1976	50	169	157	3.380	1.076	0.318	6.0	20.00
3032	39.9709	117.6951	-216.8	411	NA	0	0	0	0	55	34.7	1940	52	218	116	4.192	1.879	0.448	7.9	20.00
3033	39.9713	117.6951	-216.1	405	NA	0	0	0	0	68	34.6	2054	39	221	190	5.667	1.163	0.205	8.3	20.00
3034	39.9717	117.6951	-216.5	403	NA	0	0	0	0	46	34.5	2010	61	135	170	2.213	0.794	0.359	4.8	20.00
3035	39.9720	117.6951	-216.9	413	NA	0	0	0	0	55	34.8	1951	42	184	174	4.381	1.057	0.241	9.5	20.00
3036	39.9724	117.6951	-218.1	418	NA	0	0	0	0	51	34.9	2015	59	184	141	3.119	1.305	0.418	7.3	20.00
3037	39.9728	117.6951	-221.0	427	NA	0	0	0	0	70	35.0	2015	64	146	136	2.281	1.074	0.471	11.5	20.00
3038	39.9732	117.6951	-224.9	431	NA	0	0	0	0	59	35.1	2104	54	145	184	2.685	0.788	0.293	11.3	20.00
3039	39.9735	117.6952	-228.2	424	NA	0	0	0	0	55	35.0	1784	59	104	180	1.763	0.578	0.328	6.1	20.00
3040	39.9739	117.6952	-234.8	429	NA	0	0	0	0	65	35.1	1818	47	153	110	3.255	1.391	0.427	9.7	20.00
3041	39.9743	117.6952	-242.0	430	NA	0	0	0	0	64	35.1	1881	40	102	168	2.550	0.607	0.238	12.9	20.00
3042	39.9747	117.6952	-245.5	431	NA	0	0	0	0	64	35.1	1826	55	120	125	2.182	0.960	0.440	8.7	20.00
3043	39.9751	117.6952	-249.6	432	NA	0	0	0	0	51	35.1	1790	47	71	177	1.511	0.401	0.266	9.7	20.00
3044	39.9754	117.6952	-254.4	426	NA	0	0	0	0	61	35.0	1819	44	166	112	3.773	1.482	0.393	6.9	20.00
3045	39.9758	117.6952	-260.1	426	NA	0	0	0	0	57	35.0	1802	38	170	136	4.474	1.250	0.279	8.5	20.00
3046	39.9762	117.6952	-265.3	426	NA	0	0	0	0	54	35.0	1721	28	152	124	5.429	1.226	0.226	6.8	20.00
3047	39.9766	117.6953	-269.3	427	NA	0	0	0	0	59	35.0	1597	54	72	150	1.333	0.480	0.360	6.1	20.00
3048	39.9769	117.6953	-274.9	429	NA	0	0	0	0	51	35.1	1633	44	100	130	2.273	0.769	0.338	8.1	20.00
3049	39.9773	117.6953	-278.2	428	NA	0	0	0	0	57	35.1	1677	25	143	126	5.720	1.135	0.198	9.4	20.00
3050	39.9777	117.6953	-283.6	427	NA	0	0	0	0	58	35.0	1571	44	90	136	2.045	0.662	0.324	8.1	20.00
3051	39.9781	117.6953	-287.9	426	NA	0	0	0	0	63	35.0	1555	36	102	117	2.833	0.872	0.308	6.0	20.00
3052	39.9784	117.6953	-292.5	429	NA	0	0	0	0	53	35.1	1703	46	170	76	3.696	2.237	0.605	7.6	20.00
3053	39.9788	117.6953	-296.5	428	NA	0	0	0	0	52	35.1	1634	50	91	116	1.820	0.784	0.431	8.5	20.00
3054	39.9792	117.6953	-297.3	421	NA	0	0	0	0	61	34.9	1614	37	105	120	2.838	0.875	0.308	7.0	20.00
3055	39.9796	117.6953	-300.3	407	NA	0	0	0	0	51	34.6	1550	40	89	127	2.225	0.701	0.315	10.0	20.00
3056	39.9799	117.6954	-303.0	415	NA	0	0	0	0	46	34.8	1624	24	150	126	6.250	1.190	0.190	8.8	20.00
3057	39.9803	117.6954	-305.7	412	NA	0	0	0	0	56	34.7	1581	45	84	142	1.867	0.592	0.317	8.4	20.00
3058	39.9807	117.6954	-307.8	394	NA	0	0	0	0	61	34.4	1549	30	140	105	4.667	1.333	0.286	7.0	20.00
3059	39.9811	117.6954	-309.8	388	NA	0	0	0	0	56	45.2	1600	51	58	133	1.137	0.436	0.383	10.7	20.00
3060	39.9814	117.6954	-312.2	395	NA	0	0	0	0	61	45.4	1598	31	81	123	2.613	0.659	0.252	9.5	20.00
3061	39.9818	117.6954	-313.0	390	NA	0	0	0	0	49	45.3	1535	20	184	88	9.200	2.091	0.227	9.7	20.00
3062	39.9822	117.6954	-314.7	386	NA	0	0	0	0	52	45.2	1564	29	118	121	4.069	0.975	0.240	8.4	20.00
3063	39.9826	117.6954	-313.4	388	NA	0	0	0	0	50	45.3	1650	40	121	101	3.025	1.198	0.396	9.7	20.00
3064	39.9830	117.6955	-313.0	393	NA	0	0	0	0	62	45.4	1579	36	124	100	3.444	1.240	0.360	9.6	20.00
3065	39.9833	117.6955	-310.9	377	NA	0	0	0	0	47	45.0	1491	44	124	85	2.818	1.459	0.518	7.8	20.00
3066	39.9837	117.6955	-302.9	377	NA	0	0	0	0	56	45.0	1588	52	84	95	1.615	0.884	0.547	5.0	20.00
3067	39.9841	117.6955	-301.0	386	NA	0	0	0	0	58	45.2	1725	29	158	128	5.448	1.234	0.227	6.4	20.00
3068	39.9845	117.6955	-297.0	380	NA	0	0	0	0	57	45.0	1574	44	95	119	2.159	0.798	0.370	7.8	20.00
3069	39.9848	117.6955	-294.9	384	NA	0	0	0	0	54	45.1	1681	46	99	115	2.152	0.861	0.400	10.7	20.00
3070	39.9852	117.6955	-293.0	373	NA	0	0	0	0	52	44.9	1649	38	171	94	4.500	1.819	0.404	9.4	20.00
3071	39.9856	117.6955	-290.2	374	NA	0	0	0	0	57	44.9	1549	33	155	64	4.697	2.422	0.516	9.5	20.00
3072	39.9860	117.6956	-286.6	373	NA	0	0	0	0	52	44.8	1653	35	142	95	4.057	1.495	0.368	9.5	20.00
3073	39.9863	117.6956	-286.3	375	NA	0	0	0	0	52	44.9	1788	50	134	120	2.680	1.117	0.417	9.5	20.00
3074	39.9867	117.6956	-283.0	372	NA	0	0	0	0	57	44.8	1588	45	79	137	1.756	0.577	0.328	9.5	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3075	39.9871	117.6956	-283.7	376	NA	0	0	0	0	57	44.9	1635	38	98	148	2.579	0.662	0.257	9.5	20.00
3076	39.9875	117.6956	-282.9	378	NA	0	0	0	0	51	45.0	1562	36	136	93	3.778	1.462	0.387	9.4	20.00
3077	39.9878	117.6956	-285.9	377	NA	0	0	0	0	53	44.9	1637	45	144	131	3.200	1.099	0.344	9.4	20.00
3078	39.9882	117.6956	-282.8	378	NA	0	0	0	0	54	50.2	1574	25	121	136	4.840	0.890	0.184	9.4	20.00
3079	39.9886	117.6956	-282.3	380	NA	0	0	0	0	58	50.3	1643	38	90	112	2.368	0.804	0.339	9.4	20.00
3080	39.9890	117.6957	-277.5	376	QAL	0	0	0	0	53	50.2	1711	39	213	54	5.462	3.944	0.722	9.4	20.00
3081	39.9894	117.6957	-273.5	367	QAL	0	0	0	0	54	49.9	1707	48	143	106	2.979	1.349	0.453	9.4	20.00
3082	39.9897	117.6957	-269.5	365	QAL	0	0	0	0	68	49.8	1792	39	96	167	2.462	0.575	0.234	9.4	20.00
3083	39.9901	117.6957	-269.2	361	QAL	0	0	0	0	53	49.7	1646	37	120	109	3.243	1.101	0.339	9.4	20.00
3084	39.9905	117.6957	-266.7	362	QAL	0	0	0	0	58	49.7	1783	36	132	139	3.667	0.950	0.259	9.4	20.00
3085	39.9909	117.6957	-264.1	362	QAL	0	0	0	0	57	49.7	1748	42	145	108	3.452	1.343	0.389	9.4	20.00
3086	39.9912	117.6957	-259.4	358	QAL	0	0	0	0	55	49.6	1623	39	92	123	2.359	0.748	0.317	9.5	20.00
3087	39.9916	117.6957	-252.8	364	QAL	0	0	0	0	55	49.8	1667	39	120	135	3.077	0.889	0.289	9.5	20.00
3088	39.9920	117.6957	-246.7	371	QAL	0	0	0	0	49	50.0	1595	31	145	96	4.677	1.510	0.323	9.5	20.00
3089	39.9924	117.6958	-241.1	374	QAL	0	0	0	0	53	50.1	1639	44	86	143	1.955	0.601	0.308	9.5	20.00
3090	39.9927	117.6958	-236.5	380	QAL	0	0	0	0	52	50.3	1609	36	109	117	3.028	0.932	0.308	9.5	20.00
3091	39.9931	117.6958	-232.9	386	QAL	0	0	0	0	63	50.5	1722	41	136	132	3.317	1.030	0.311	9.5	20.00
3092	39.9935	117.6958	-233.6	388	QAL	0	0	0	0	60	50.5	1518	29	91	158	3.138	0.576	0.184	9.5	20.00
3093	39.9939	117.6958	-232.8	392	QAL	0	0	0	0	52	50.7	1527	33	94	151	2.848	0.623	0.219	9.5	20.00
3094	39.9942	117.6958	-232.9	402	QAL	0	0	0	0	54	51.0	1601	38	92	134	2.421	0.687	0.284	9.6	20.00
3095	39.9946	117.6958	-235.1	407	QAL	0	0	0	0	59	51.1	1598	33	111	103	3.364	1.078	0.320	9.6	20.00
3096	39.9950	117.6958	-237.2	414	QAL	0	0	0	0	56	51.3	1528	37	71	126	1.919	0.563	0.294	9.6	20.00
3097	39.9954	117.6959	-238.4	416	QAL	0	0	0	0	63	55.1	1601	39	148	102	3.795	1.451	0.382	9.7	20.00
3098	39.9958	117.6959	-240.6	419	QAL	0	0	0	0	59	55.2	1568	26	82	123	3.154	0.667	0.211	9.7	20.00
3099	39.9961	117.6959	-243.5	423	QAL	0	0	0	0	49	55.3	1516	33	97	103	2.939	0.942	0.320	9.6	20.00
3100	39.9965	117.6959	-244.4	427	QAL	0	0	1	0	53	55.4	1570	52	23	135	0.442	0.170	0.385	9.6	20.00
3101	39.9969	117.6959	-246.4	432	QAL	0	0	0	0	51	55.6	1485	37	84	106	2.270	0.792	0.349	9.6	20.00
3102	39.9973	117.6959	-247.3	440	QAL	0	0	0	0	54	55.8	1556	57	40	108	0.702	0.370	0.528	9.7	20.00
3103	39.9976	117.6959	-249.9	445	QAL	0	0	0	0	51	56.0	1654	32	105	129	3.281	0.814	0.248	9.7	20.00
3104	39.9980	117.6959	-252.4	447	QAL	0	0	0	0	56	56.0	1636	39	111	81	2.846	1.370	0.481	9.6	20.00
3105	39.9984	117.6960	-254.8	450	QAL	0	0	0	0	52	56.2	1565	32	71	106	2.219	0.670	0.302	9.6	20.00
3106	39.9988	117.6960	-262.5	452	QAL	0	0	0	0	60	56.2	1593	26	64	164	2.462	0.390	0.159	9.5	20.00
3107	39.9992	117.6960	-263.9	459	QAL	0	0	0	0	53	56.4	1598	20	86	170	4.300	0.506	0.118	9.6	20.00
3108	39.9996	117.6960	-265.9	461	QAL	0	0	0	0	58	56.5	1555	36	96	82	2.667	1.171	0.439	9.6	20.00
3109	40.0000	117.6960	-266.8	463	QAL	0	0	0	0	61	56.5	1561	35	78	145	2.229	0.538	0.241	9.6	20.00
3110	40.0004	117.6961	-268.8	464	QAL	0	0	0	0	51	56.6	1621	36	51	188	1.417	0.271	0.191	9.6	20.00
3111	40.0008	117.6961	-268.8	463	QAL	0	0	0	0	52	56.5	1609	31	114	99	3.677	1.152	0.313	9.6	20.00
3112	40.0012	117.6961	-265.9	471	QAL	0	0	0	0	54	56.8	1589	45	30	142	0.667	0.211	0.317	9.7	20.00
3113	40.0016	117.6961	-265.1	475	QAL	0	0	0	0	57	56.9	1624	39	45	124	1.154	0.363	0.315	9.7	20.00
3114	40.0020	117.6962	-262.3	483	QAL	0	0	0	0	63	57.1	1631	33	109	98	3.303	1.112	0.337	9.7	20.00
3115	40.0025	117.6962	-261.7	484	QAL	0	0	0	0	55	57.2	1631	23	133	86	5.783	1.547	0.267	9.7	20.00
3116	40.0029	117.6962	-262.4	487	QAL	0	0	0	0	53	46.5	1594	29	110	82	3.793	1.341	0.354	9.8	20.00
3117	40.0033	117.6962	-258.1	489	QAL	0	0	0	0	62	46.6	1677	22	92	124	4.182	0.742	0.177	9.8	20.00
3118	40.0037	117.6962	-259.6	488	QAL	0	0	0	0	61	46.5	1658	42	73	80	1.738	0.913	0.525	9.8	20.00
3119	40.0041	117.6963	-256.3	487	QAL	0	0	0	0	55	46.5	1577	30	85	143	2.833	0.594	0.210	9.7	20.00
3120	40.0045	117.6963	-256.8	486	QAL	0	0	0	0	64	46.5	1729	49	39	150	0.796	0.260	0.327	9.7	20.00
3121	40.0049	117.6963	-258.1	485	QAL	0	0	0	0	58	46.5	1624	44	77	121	1.750	0.636	0.364	9.7	20.00
3122	40.0053	117.6963	-256.0	485	QAL	0	0	0	0	63	46.5	1646	40	104	121	2.600	0.860	0.331	9.7	20.00
3123	40.0057	117.6964	-254.7	486	QAL	0	0	0	0	57	46.5	1629	33	74	150	2.242	0.493	0.220	9.7	20.00
3124	40.0061	117.6964	-253.4	487	QAL	0	0	0	0	52	46.5	1687	34	105	133	3.088	0.789	0.256	9.7	20.00
3125	40.0066	117.6964	-252.4	487	QAL	0	0	0	0	56	46.5	1750	13	137	110	10.538	1.245	0.118	9.7	20.00
3126	40.0070	117.6964	-250.4	488	QAL	0	0	0	0	60	46.5	1835	50	89	116	1.780	0.767	0.431	9.7	20.00
3127	40.0074	117.6965	-245.6	487	QAL	0	0	0	0	61	46.5	1647	43	75	177	1.744	0.424	0.243	9.7	20.00
3128	40.0078	117.6965	-244.6	486	QAL	0	0	0	0	55	46.5	1760	44	75	175	1.705	0.429	0.251	9.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	RIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3129	40.0082	117.6965	-241.8	484	QAL	0	0	0	0	68	46.4	1794	47	142	95	3.021	1.495	0.495	9.8	20.00
3130	40.0086	117.6965	-239.1	483	QAL	0	0	0	0	52	46.4	1881	46	143	141	3.109	1.014	0.326	9.8	20.00
3131	40.0090	117.6966	-237.6	477	QAL	0	0	0	0	58	46.3	1888	40	133	129	3.325	1.031	0.310	9.8	20.00
3132	40.0094	117.6966	-234.9	469	QAL	0	0	0	0	57	46.1	1989	40	98	213	2.450	0.460	0.188	9.8	20.00
3133	40.0098	117.6966	-236.6	464	QAL	0	0	0	0	55	46.0	1922	41	207	111	5.049	1.865	0.369	9.8	20.00
3134	40.0103	117.6966	-234.9	461	QAL	0	0	0	0	52	45.9	1935	55	178	91	3.236	1.956	0.604	9.8	20.00
3135	40.0107	117.6967	-234.1	461	QAL	0	0	0	0	60	41.7	1866	42	104	160	2.476	0.650	0.262	9.8	20.00
3136	40.0111	117.6967	-233.8	459	QAL	0	0	0	0	57	41.7	1904	40	81	201	2.025	0.403	0.199	9.8	20.00
3137	40.0115	117.6967	-232.8	456	QAL	0	0	0	0	46	41.6	1772	43	44	223	1.023	0.197	0.193	9.9	20.00
3138	40.0119	117.6967	-232.1	453	QAL	0	0	0	0	54	41.5	1740	60	100	105	1.667	0.952	0.571	9.9	20.00
3139	40.0123	117.6967	-231.1	449	QAL	0	0	0	0	55	41.5	1822	39	136	162	3.487	0.840	0.241	10.0	20.00
3140	40.0127	117.6968	-229.4	442	QAL	0	0	0	0	67	41.3	1822	50	90	130	1.800	0.692	0.385	10.0	20.00
3141	40.0131	117.6968	-231.2	427	QAL	0	0	0	0	55	41.0	1840	51	165	108	3.235	1.528	0.472	10.0	20.00
3142	40.0135	117.6968	-228.8	413	QAL	0	0	0	0	49	40.6	1931	68	74	160	1.088	0.462	0.425	10.0	20.00
3143	40.0139	117.6968	-228.9	403	QAL	0	0	0	0	54	40.4	1867	58	106	146	1.828	0.726	0.397	10.1	20.00
3144	40.0144	117.6969	-227.1	403	QAL	0	0	0	0	59	40.4	1827	44	170	132	3.864	1.288	0.333	10.2	20.00
3145	40.0148	117.6969	-226.8	403	QAL	0	0	0	0	63	40.4	1896	48	103	187	2.146	0.551	0.257	10.2	20.00
3146	40.0152	117.6969	-225.5	403	QAL	0	0	0	0	57	40.4	1762	37	84	180	2.270	0.467	0.206	10.2	20.00
3147	40.0156	117.6969	-225.0	406	QAL	0	0	0	0	57	40.5	1758	38	179	123	4.711	1.455	0.309	10.2	20.00
3148	40.0160	117.6970	-223.4	411	QAL	0	0	0	0	53	40.6	1679	23	148	121	6.435	1.223	0.190	10.3	20.00
3149	40.0164	117.6970	-224.1	416	QAL	0	0	0	0	56	40.7	1743	52	46	158	0.885	0.291	0.329	10.3	20.00
3150	40.0168	117.6970	-223.8	422	QAL	0	0	0	0	54	40.9	1742	28	131	182	4.679	0.720	0.154	10.3	20.00
3151	40.0172	117.6970	-224.2	423	QAL	0	0	0	0	54	40.9	1701	30	120	165	4.000	0.727	0.182	10.3	20.00
3152	40.0176	117.6971	-222.7	422	QAL	0	0	0	0	63	40.9	1744	47	88	133	1.872	0.662	0.353	10.3	20.00
3153	40.0180	117.6971	-220.7	416	QAL	0	0	0	0	59	40.7	1825	38	178	86	4.684	2.070	0.442	10.3	20.00
3154	40.0185	117.6971	-220.8	407	QAL	0	0	0	0	58	47.9	1731	23	178	151	7.739	1.179	0.152	10.3	20.00
3155	40.0189	117.6971	-218.8	406	QAL	0	0	0	0	62	47.8	1828	41	88	209	2.146	0.421	0.196	10.4	20.00
3156	40.0193	117.6971	-217.8	403	QAL	0	0	0	0	56	47.8	1767	38	144	160	3.789	0.900	0.238	10.4	20.00
3157	40.0197	117.6972	-217.5	400	QAL	0	0	0	0	57	47.7	1780	37	137	153	3.703	0.895	0.242	10.5	20.00
3158	40.0201	117.6972	-216.2	398	QAL	0	0	0	0	64	47.6	1858	47	126	154	2.681	0.818	0.305	10.5	20.00
3159	40.0205	117.6972	-215.7	395	QAL	0	0	0	0	50	47.6	1773	50	128	139	2.560	0.921	0.360	10.5	20.00
3160	40.0209	117.6972	-215.2	394	QAL	0	0	0	0	61	47.5	1817	29	139	140	4.793	0.993	0.207	10.5	20.00
3161	40.0213	117.6973	-213.4	396	QAL	0	0	0	0	51	47.6	1906	47	75	212	1.596	0.354	0.222	10.5	20.00
3162	40.0217	117.6973	-212.9	393	QAL	0	0	0	0	55	47.5	1795	35	161	129	4.600	1.248	0.271	10.5	20.00
3163	40.0222	117.6973	-213.6	395	QAL	0	0	0	0	56	47.5	1873	41	197	119	4.805	1.655	0.345	10.5	20.00
3164	40.0226	117.6973	-213.1	398	QAL	0	0	0	0	61	47.6	1827	47	141	139	3.000	1.014	0.338	10.5	20.00
3165	40.0230	117.6974	-213.1	395	QAL	0	0	0	0	57	47.6	1765	41	121	150	2.951	0.807	0.273	10.5	20.00
3166	40.0234	117.6974	-213.3	396	QAL	0	0	0	0	58	47.6	1825	46	103	185	2.239	0.557	0.249	10.5	20.00
3167	40.0238	117.6974	-213.7	399	QAL	0	0	0	0	54	47.6	1780	50	120	166	2.400	0.723	0.301	10.5	20.00
3168	40.0242	117.6974	-216.2	404	QAL	0	0	0	0	54	47.8	1770	53	50	187	0.943	0.267	0.283	10.6	20.00
3169	40.0246	117.6975	-214.3	409	QAL	0	0	0	0	51	47.9	1788	61	60	175	0.984	0.343	0.349	10.6	20.00
3170	40.0250	117.6975	-213.2	421	QAL	0	0	0	0	63	48.3	1796	31	113	159	3.645	0.711	0.195	10.6	20.00
3171	40.0254	117.6975	-214.6	430	QAL	0	0	0	0	57	48.5	1815	44	150	112	3.409	1.339	0.393	10.6	20.00
3172	40.0258	117.6975	-214.8	439	QAL	0	0	0	0	60	48.7	1830	26	89	203	3.423	0.438	0.128	10.6	20.00
3173	40.0263	117.6975	-215.3	438	QAL	0	0	0	0	59	53.4	1810	39	104	164	2.667	0.634	0.238	10.5	20.00
3174	40.0267	117.6976	-214.4	447	QAL	0	0	0	0	53	53.6	1837	27	83	206	3.074	0.403	0.131	10.5	20.00
3175	40.0271	117.6976	-216.6	446	QAL	0	0	0	0	49	53.6	1830	44	135	124	3.068	1.039	0.355	10.5	20.00
3176	40.0275	117.6976	-214.1	443	QAL	0	0	0	0	64	53.5	1866	26	92	185	3.538	0.497	0.141	10.5	20.00
3177	40.0279	117.6976	-216.3	445	QAL	0	0	0	0	58	53.6	1842	61	85	150	1.393	0.567	0.407	10.5	20.00
3178	40.0283	117.6977	-216.1	439	QAL	0	0	0	0	53	53.4	1761	26	138	158	5.308	0.873	0.165	10.4	20.00
3179	40.0287	117.6977	-215.8	437	QAL	0	0	0	0	48	53.3	1764	48	67	179	1.396	0.374	0.268	10.5	20.00
3180	40.0291	117.6977	-217.1	437	QAL	0	0	0	0	56	53.3	1790	27	97	196	3.593	0.495	0.138	10.5	20.00
3181	40.0295	117.6977	-216.6	432	QAL	0	0	0	0	54	53.2	1830	31	133	148	4.290	0.899	0.209	10.4	20.00
3182	40.0299	117.6978	-217.3	428	QAL	0	0	0	0	56	53.1	1768	39	29	227	0.744	0.128	0.172	10.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3183	40.0304	117.6978	-216.9	421	QAL	0	0	0	0	55	52.9	1774	31	120	190	3.871	0.632	0.163	10.4	20.00
3184	40.0308	117.6978	-217.1	418	QAL	0	0	0	0	63	52.8	1700	30	129	120	4.300	1.075	0.250	10.4	20.00
3185	40.0312	117.6978	-216.1	417	QAL	0	0	0	0	52	52.7	1724	37	44	162	1.189	0.272	0.228	10.4	20.00
3186	40.0316	117.6979	-215.8	416	QAL	0	0	0	0	59	52.7	1745	43	96	167	2.233	0.575	0.257	10.4	20.00
3187	40.0320	117.6979	-214.0	422	QAL	0	0	0	0	57	52.9	1753	36	85	161	2.361	0.528	0.224	10.4	20.00
3188	40.0324	117.6979	-215.9	428	QAL	0	0	0	0	61	53.1	1760	35	120	140	3.429	0.857	0.250	10.4	20.00
3189	40.0328	117.6979	-217.8	433	QAL	0	0	0	0	53	53.2	1678	40	97	156	2.425	0.622	0.256	10.3	20.00
3190	40.0332	117.6979	-215.8	434	QAL	0	0	0	0	66	53.2	1768	23	116	148	5.043	0.784	0.155	10.3	20.00
3191	40.0336	117.6980	-216.0	433	QAL	0	0	0	0	51	53.2	1682	31	69	160	2.226	0.431	0.194	10.3	20.00
3192	40.0341	117.6980	-216.0	432	QAL	0	0	0	0	63	50.4	1654	44	56	128	1.273	0.438	0.344	10.3	20.00
3193	40.0345	117.6980	-216.3	424	QAL	0	0	0	0	53	50.2	1700	42	113	126	2.690	0.897	0.333	10.3	20.00
3194	40.0349	117.6980	-215.3	421	QAL	0	0	0	0	52	50.1	1911	28	133	150	4.750	0.887	0.187	10.3	20.00
3195	40.0353	117.6981	-213.8	416	QAL	0	0	0	0	57	50.0	1828	36	134	124	3.722	1.081	0.290	10.2	20.00
3196	40.0357	117.6981	-214.9	409	QAL	0	0	0	0	50	49.8	1699	38	112	126	2.947	0.889	0.302	10.2	20.00
3197	40.0361	117.6981	-214.4	403	QAL	0	0	0	0	53	49.6	1747	34	85	179	2.500	0.475	0.190	10.2	20.00
3198	40.0365	117.6981	-214.4	399	QAL	0	0	0	0	54	49.5	1678	22	158	122	7.182	1.295	0.180	10.1	20.00
3199	40.0369	117.6982	-213.6	395	QAL	0	0	0	0	49	49.4	1726	30	175	127	5.833	1.378	0.236	10.1	20.00
3200	40.0373	117.6982	-216.1	399	QAL	0	0	0	0	55	49.5	1591	32	121	133	3.781	0.910	0.241	10.1	20.00
3201	40.0377	117.6982	-216.3	405	QAL	0	0	0	0	55	49.7	1714	39	89	162	2.282	0.549	0.241	10.0	20.00
3202	40.0382	117.6982	-216.2	413	QAL	0	0	0	0	49	49.9	1662	38	75	151	1.974	0.497	0.252	10.0	20.00
3203	40.0386	117.6983	-216.3	422	QAL	0	0	0	0	58	50.2	1763	26	86	207	3.308	0.415	0.126	10.0	20.00
3204	40.0390	117.6983	-216.5	424	QAL	0	0	0	0	46	50.2	1708	48	63	183	1.313	0.344	0.262	9.9	20.00
3205	40.0394	117.6983	-214.2	425	QAL	0	0	0	0	51	50.2	1722	29	118	159	4.069	0.742	0.182	10.0	20.00
3206	40.0398	117.6983	-213.5	422	QAL	0	0	0	0	60	50.2	1724	39	105	160	2.692	0.656	0.244	9.9	20.00
3207	40.0402	117.6984	-214.0	419	QAL	0	0	0	0	58	50.1	1794	25	119	160	4.760	0.744	0.156	9.9	20.00
3208	40.0406	117.6984	-212.0	413	QAL	0	0	0	0	57	49.9	1819	50	124	173	2.480	0.717	0.289	9.9	20.00
3209	40.0410	117.6984	-212.0	411	QAL	0	0	0	0	59	49.9	1712	53	109	133	2.057	0.820	0.398	9.8	20.00
3210	40.0414	117.6984	-213.6	418	QAL	0	0	0	0	61	50.0	1687	42	62	164	1.476	0.378	0.256	9.8	20.00
3211	40.0418	117.6984	-208.8	420	QAL	0	0	0	0	63	44.4	1790	33	158	164	4.788	0.963	0.201	9.8	20.00
3212	40.0423	117.6985	-209.3	421	QAL	0	0	0	0	51	44.4	1708	41	156	112	3.805	1.393	0.366	9.7	20.00
3213	40.0427	117.6985	-208.5	423	QAL	0	0	0	0	63	44.5	1751	38	149	118	3.921	1.263	0.322	9.7	20.00
3214	40.0431	117.6985	-206.7	423	QAL	0	0	0	0	52	44.5	1746	42	108	175	2.571	0.617	0.240	9.6	20.00
3215	40.0435	117.6985	-205.2	423	QAL	0	0	0	0	60	44.4	1750	50	110	145	2.200	0.759	0.345	9.6	20.00
3216	40.0439	117.6986	-204.0	422	QAL	0	0	0	0	62	44.4	1828	38	93	167	2.447	0.557	0.228	9.6	20.00
3217	40.0443	117.6986	-204.2	424	QAL	0	0	1	0	57	44.5	1646	55	-3	236	-0.055	-0.013	0.233	9.5	20.00
3218	40.0447	117.6986	-204.1	430	QAL	0	0	0	0	54	44.6	1817	39	134	125	3.436	1.072	0.312	9.5	20.00
3219	40.0451	117.6986	-202.0	431	QAL	0	0	0	0	49	44.7	1725	48	81	137	1.688	0.591	0.350	9.4	20.00
3220	40.0455	117.6987	-201.0	434	QAL	0	0	0	0	56	44.7	1717	27	155	153	5.741	1.013	0.176	9.4	20.00
3221	40.0460	117.6987	-200.7	440	QAL	0	0	0	0	58	44.9	1689	72	48	136	0.667	0.353	0.529	9.5	20.00
3222	40.0464	117.6987	-200.6	447	QAL	0	0	0	0	62	45.1	1678	37	82	169	2.216	0.485	0.219	9.4	20.00
3223	40.0468	117.6987	-200.0	452	QAL	0	0	0	0	57	45.2	1767	51	123	144	2.412	0.854	0.354	9.4	20.00
3224	40.0472	117.6988	-200.7	457	QAL	0	0	0	0	60	45.3	1724	46	85	146	1.848	0.582	0.315	9.4	20.00
3225	40.0476	117.6988	-199.9	458	QAL	0	0	0	0	51	45.3	1724	27	117	153	4.333	0.765	0.176	9.4	20.00
3226	40.0480	117.6988	-200.6	463	QAL	0	0	0	0	54	45.4	1830	44	102	149	2.318	0.685	0.295	9.4	20.00
3227	40.0484	117.6988	-202.8	464	QAL	0	0	0	0	49	45.5	1733	52	71	170	1.365	0.418	0.306	9.4	20.00
3228	40.0488	117.6988	-201.3	464	QAL	0	0	0	0	58	45.5	1696	43	63	165	1.465	0.382	0.261	9.4	20.00
3229	40.0492	117.6989	-203.9	468	QAL	0	0	0	0	52	45.6	1800	46	141	143	3.065	0.936	0.322	9.5	20.00
3230	40.0496	117.6989	-201.9	472	QAL	0	0	0	0	59	45.4	1781	33	158	130	4.788	1.215	0.254	9.5	20.00
3231	40.0501	117.6989	-203.3	481	QAL	0	0	0	0	61	45.6	1710	33	107	140	3.242	0.764	0.236	9.4	20.00
3232	40.0505	117.6989	-204.7	486	QAL	0	0	0	0	60	45.7	1814	47	97	148	2.064	0.655	0.318	9.4	20.00
3233	40.0509	117.6990	-206.2	484	QAL	0	0	0	0	56	45.7	1697	44	91	154	2.068	0.591	0.286	9.4	20.00
3234	40.0513	117.6990	-207.4	486	QAL	0	0	0	0	61	45.7	1760	42	116	131	2.762	0.885	0.321	9.4	20.00
3235	40.0517	117.6990	-208.1	487	QAL	0	0	0	0	50	45.7	1755	56	132	128	2.357	1.031	0.438	9.4	20.00
3236	40.0521	117.6990	-209.6	486	QAL	0	0	0	0	52	45.7	1780	52	81	140	1.558	0.579	0.371	9.3	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3237	40.0525	117.6991	-212.6	486	QAL	0	0	0	0	52	45.7	1738	47	140	109	2.979	1.284	0.431	9.3	20.00
3238	40.0529	117.6991	-215.8	489	QAL	0	0	0	0	62	45.8	1823	52	64	165	1.231	0.388	0.315	9.3	20.00
3239	40.0533	117.6991	-217.5	488	QAL	0	0	0	0	60	45.7	1766	32	115	142	3.594	0.810	0.225	9.3	20.00
3240	40.0538	117.6991	-220.7	488	QAL	0	0	0	0	57	45.7	1758	31	87	170	2.806	0.512	0.182	9.4	20.00
3241	40.0542	117.6992	-223.0	488	QAL	0	0	0	0	53	45.7	1744	33	75	166	2.273	0.452	0.199	9.4	20.00
3242	40.0546	117.6992	-225.7	488	QAL	0	0	0	0	52	45.7	1770	34	106	185	3.118	0.573	0.184	9.4	20.00
3243	40.0550	117.6992	-228.2	487	QAL	0	0	1	0	54	45.7	1823	54	12	208	0.222	0.058	0.260	9.5	20.00
3244	40.0554	117.6992	-229.6	487	QAL	0	0	0	0	53	45.7	1827	38	102	210	2.684	0.486	0.181	9.5	20.00
3245	40.0558	117.6992	-235.6	487	QAL	0	0	0	0	52	45.7	1767	32	149	106	4.656	1.406	0.302	9.5	20.00
3246	40.0562	117.6993	-235.8	487	QAL	0	0	0	0	57	45.7	1804	46	123	151	2.674	0.815	0.305	9.6	20.00
3247	40.0566	117.6993	-241.1	486	QAL	0	0	0	0	55	45.7	1643	46	72	165	1.565	0.436	0.279	9.7	20.00
3248	40.0570	117.6993	-244.8	486	QAL	0	0	0	0	60	45.7	1753	38	150	154	3.947	0.974	0.247	9.8	20.00
3249	40.0574	117.6993	-246.7	486	QAL	0	0	0	0	60	51.2	1670	54	29	139	0.537	0.209	0.388	9.9	20.00
3250	40.0579	117.6994	-250.2	488	QAL	0	0	0	0	64	51.3	1699	54	98	112	1.815	0.875	0.482	9.9	20.00
3251	40.0583	117.6994	-253.7	487	QAL	0	0	0	0	57	51.3	1643	37	128	103	3.459	1.243	0.359	10.0	20.00
3252	40.0587	117.6994	-260.9	487	QAL	0	0	0	0	66	51.3	1732	37	79	143	2.135	0.552	0.259	10.0	20.00
3253	40.0591	117.6994	-265.1	486	QAL	0	0	0	0	53	51.2	1776	50	92	154	1.840	0.597	0.325	10.1	20.00
3254	40.0595	117.6995	-269.6	487	QAL	0	0	0	0	56	51.3	1614	30	146	127	4.867	1.150	0.236	10.1	20.00
3255	40.0599	117.6995	-272.8	488	QAL	0	0	0	0	56	51.3	1776	41	41	176	1.000	0.233	0.233	10.2	20.00
3256	40.0603	117.6995	-278.3	484	QAL	0	0	0	0	55	51.2	1723	38	43	200	1.132	0.215	0.190	10.3	20.00
3257	40.0607	117.6995	-282.1	483	QAL	0	0	0	0	60	51.2	1842	43	84	159	1.953	0.528	0.270	10.3	20.00
3258	40.0611	117.6996	-285.0	484	QAL	0	0	0	0	60	51.2	1759	24	105	182	4.375	0.577	0.132	10.3	20.00
3259	40.0615	117.6996	-291.8	470	QAL	0	0	0	0	58	50.8	1764	42	138	118	3.286	1.169	0.356	10.3	20.00
3260	40.0620	117.6996	-295.4	452	QAL	0	0	0	0	62	50.6	1805	43	127	123	2.953	1.033	0.350	10.5	20.00
3261	40.0624	117.6996	-302.8	445	QAL	0	0	0	0	60	50.2	1764	45	98	141	2.130	0.695	0.326	10.5	20.00
3262	40.0628	117.6996	-308.8	435	QAL	0	0	0	0	51	49.9	1796	47	79	192	1.681	0.411	0.245	10.5	20.00
3263	40.0632	117.6997	-314.6	430	QAL	0	0	0	0	56	49.7	1848	55	73	175	1.327	0.417	0.314	10.6	20.00
3264	40.0636	117.6997	-321.6	427	QAL	0	0	0	0	62	49.6	1828	42	136	172	3.238	0.791	0.244	10.7	20.00
3265	40.0640	117.6997	-333.8	424	QAL	0	0	0	0	54	49.6	1848	39	148	121	3.795	1.223	0.322	10.8	20.00
3266	40.0644	117.6997	-337.0	426	QAL	0	0	0	0	52	49.6	1774	28	190	133	6.786	1.429	0.211	10.9	20.00
3267	40.0648	117.6998	-340.2	430	QAL	0	0	0	0	57	49.7	1753	46	99	144	2.152	0.688	0.319	10.8	20.00
3268	40.0652	117.6998	-342.9	435	QAL	0	0	0	0	61	51.9	1784	32	141	157	4.406	0.898	0.204	10.9	20.00
3269	40.0657	117.6998	-349.3	437	QAL	0	0	0	0	61	52.0	1889	47	86	175	1.830	0.491	0.269	11.0	20.00
3270	40.0661	117.6998	-351.8	441	QAL	0	0	0	0	58	52.1	1912	34	93	204	2.735	0.456	0.167	10.9	20.00
3271	40.0665	117.6999	-357.9	449	QAL	0	0	0	0	61	52.3	1950	46	97	159	2.109	0.610	0.289	11.0	20.00
3272	40.0669	117.6999	-360.8	462	QAL	0	0	0	0	58	52.7	1797	52	72	137	1.385	0.526	0.380	11.0	20.00
3273	40.0673	117.6999	-364.0	467	QAL	0	0	0	0	50	52.8	1753	41	105	174	2.561	0.603	0.236	11.0	20.00
3274	40.0677	117.6999	-366.9	479	QAL	0	0	1	0	63	53.1	1730	50	10	190	0.200	0.053	0.263	11.1	20.00
3275	40.0681	117.7000	-369.6	480	QAL	0	0	0	0	50	53.2	1677	32	46	209	1.438	0.220	0.153	11.1	20.00
3276	40.0685	117.7000	-371.3	480	QAL	0	0	0	0	61	53.1	1788	37	111	130	3.265	0.854	0.262	11.0	20.00
3277	40.0689	117.7000	-372.5	484	QAL	0	0	1	0	60	53.3	1782	61	7	195	0.115	0.036	0.313	11.1	20.00
3278	40.0693	117.7000	-370.9	487	QAL	0	0	0	0	52	53.3	1817	39	71	201	1.821	0.353	0.194	11.1	20.00
3279	40.0698	117.7000	-370.9	484	QAL	0	0	0	0	56	53.3	1911	47	139	127	2.957	1.094	0.370	11.1	20.00
3280	40.0702	117.7001	-369.4	484	QAL	0	0	0	0	60	53.3	1846	43	152	124	3.535	1.226	0.347	11.1	20.00
3281	40.0706	117.7001	-369.1	482	QAL	0	0	0	0	57	53.2	1912	57	42	182	0.737	0.231	0.313	11.1	20.00
3282	40.0710	117.7001	-369.3	483	QAL	0	0	0	0	59	53.2	1912	63	48	214	0.762	0.224	0.294	11.2	20.00
3283	40.0714	117.7001	-370.3	485	QAL	0	0	0	0	47	53.3	2004	41	126	159	3.073	0.792	0.258	11.3	20.00
3284	40.0718	117.7002	-372.3	484	QAL	0	0	0	0	63	53.3	2001	48	115	169	2.396	0.680	0.284	11.3	20.00
3285	40.0722	117.7002	-373.0	485	QAL	0	0	0	0	47	53.3	1826	51	92	162	1.804	0.568	0.315	11.3	20.00
3286	40.0726	117.7002	-374.7	485	QAL	0	0	0	0	55	53.3	1987	43	94	207	2.186	0.454	0.208	11.4	20.00
3287	40.0729	117.7001	-379.1	487	QAL	0	0	0	0	62	60.8	1933	50	116	134	2.320	0.866	0.373	11.4	20.00
3288	40.0732	117.7001	-385.1	486	QAL	0	0	0	0	55	60.8	1963	49	88	199	1.796	0.442	0.246	11.4	20.00
3289	40.0735	117.7000	-391.5	486	QAL	0	0	0	0	64	60.7	1969	40	143	146	3.575	0.979	0.274	11.4	20.00
3290	40.0737	117.7000	-399.9	487	QAL	0	0	0	0	54	60.8	1973	48	96	157	2.000	0.611	0.306	11.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3291	40.0740	117.6999	-422.8	486	QAL	0	0	0	0	53	60.8	2012	54	84	154	1.556	0.545	0.351	11.4	20.00
3292	40.0743	117.6998	-438.5	485	QAL	0	0	0	0	62	60.7	2017	44	84	182	1.909	0.462	0.242	11.3	20.00
3293	40.0746	117.6998	-453.4	485	QAL	0	0	0	0	58	60.7	2178	62	123	152	1.984	0.809	0.408	11.4	20.00
3294	40.0749	117.6997	-469.3	485	QAL	0	0	0	0	57	60.7	2096	31	49	236	1.581	0.208	0.131	11.3	20.00
3295	40.0751	117.6996	-488.3	484	QAL	0	0	0	0	58	60.7	2098	40	84	169	2.100	0.497	0.237	11.3	20.00
3296	40.0754	117.6996	-506.7	482	QAL	0	0	0	0	58	60.6	2035	55	64	184	1.164	0.348	0.299	11.2	20.00
3297	40.0757	117.6995	-526.9	484	QAL	0	0	0	0	58	60.7	2236	50	58	221	1.160	0.262	0.226	11.2	20.00
3298	40.0760	117.6994	-546.5	484	QAL	0	0	0	0	53	60.7	2084	44	107	221	2.432	0.484	0.199	11.0	20.00
3299	40.0763	117.6994	-563.9	482	QAL	0	0	0	0	60	60.6	2014	48	79	172	1.646	0.459	0.279	11.0	20.00
3300	40.0765	117.6993	-581.9	480	QAL	0	0	0	0	57	60.6	2138	53	50	189	0.943	0.265	0.280	11.0	20.00
3301	40.0768	117.6992	-599.1	472	QAL	0	0	0	0	56	60.3	2114	52	51	188	0.981	0.271	0.277	11.0	20.00
3302	40.0771	117.6992	-613.4	460	QAL	0	0	0	0	59	59.9	2122	47	140	176	2.979	0.795	0.267	10.9	20.00
3303	40.0774	117.6991	-625.4	450	QAL	0	0	0	0	63	59.6	2089	43	142	189	3.302	0.751	0.228	10.8	20.00
3304	40.0777	117.6990	-631.6	444	QAL	0	0	0	0	51	59.4	2017	56	80	150	1.429	0.533	0.373	10.8	20.00
3305	40.0779	117.6990	-629.4	434	QAL	0	0	0	0	61	59.1	2051	41	96	213	2.341	0.451	0.192	10.7	20.00
3306	40.0782	117.6989	-620.8	430	QAL	0	0	0	0	54	61.4	2081	47	132	140	2.809	0.943	0.336	10.7	20.00
3307	40.0785	117.6988	-607.0	429	QAL	0	0	0	0	61	61.4	1866	50	41	214	0.820	0.192	0.234	10.6	20.00
3308	40.0788	117.6988	-589.7	431	QAL	0	0	0	0	63	61.4	1856	56	72	177	1.286	0.407	0.316	10.6	20.00
3309	40.0791	117.6987	-570.3	431	QAL	0	0	0	0	69	61.4	2070	49	153	130	3.122	1.177	0.377	10.6	20.00
3310	40.0793	117.6986	-550.0	433	QAL	0	0	0	0	58	61.5	2117	55	52	211	0.945	0.246	0.261	10.6	20.00
3311	40.0796	117.6986	-520.6	434	QAL	0	0	0	0	57	61.5	2039	52	104	188	2.000	0.553	0.277	10.5	20.00
3312	40.0799	117.6985	-491.3	431	QAL	0	0	0	0	56	61.4	1930	40	62	199	1.550	0.312	0.201	10.5	20.00
3313	40.0802	117.6984	-462.0	428	QAL	0	0	0	0	64	61.3	1985	36	175	116	4.861	1.509	0.310	10.5	20.00
3314	40.0805	117.6984	-432.0	427	QAL	0	0	0	0	56	61.3	1997	56	65	175	1.161	0.371	0.320	10.4	20.00
3315	40.0807	117.6983	-403.1	428	QAL	0	0	0	0	57	61.3	2053	59	51	205	0.864	0.249	0.288	10.5	20.00
3316	40.0810	117.6982	-371.5	428	QAL	0	0	0	0	55	61.3	1955	55	129	143	2.345	0.902	0.385	10.4	20.00
3317	40.0813	117.6982	-339.9	436	QAL	0	0	1	0	53	61.6	1853	65	3	204	0.046	0.015	0.319	10.3	20.00
3318	40.0816	117.6981	-269.3	436	QAL	0	0	0	0	60	61.6	1923	43	72	202	1.674	0.356	0.213	10.3	20.00
3319	40.0819	117.6980	-233.2	445	QAL	0	0	0	0	54	61.9	1923	39	95	213	2.436	0.446	0.183	10.4	20.00
3320	40.0821	117.6980	-200.8	447	QAL	0	0	0	0	57	62.0	1866	40	161	157	4.025	1.025	0.255	10.4	20.00
3321	40.0824	117.6979	-176.5	445	QAL	0	0	0	0	57	61.9	1942	61	66	155	1.082	0.426	0.394	10.3	20.00
3322	40.0827	117.6978	-157.2	442	QAL	0	0	0	0	60	61.8	1878	48	102	147	2.125	0.694	0.327	10.3	20.00
3323	40.0830	117.6978	-146.8	444	QAL	0	0	0	0	61	61.9	1953	39	141	150	3.615	0.940	0.260	10.3	20.00
3324	40.0833	117.6977	-141.6	439	QAL	0	0	0	0	57	61.7	1849	51	67	189	1.314	0.354	0.270	10.3	20.00
3325	40.0835	117.6976	-142.3	429	QAL	0	0	0	0	58	63.2	1821	48	86	200	1.792	0.430	0.240	10.3	20.00
3326	40.0838	117.6976	-147.0	422	QAL	0	0	0	0	62	62.9	1950	58	87	150	1.500	0.580	0.387	10.3	20.00
3327	40.0841	117.6975	-153.3	415	QAL	0	0	0	0	55	62.7	1849	46	155	115	3.370	1.348	0.400	10.3	20.00
3328	40.0844	117.6974	-159.2	409	QAL	0	0	0	0	63	62.4	1910	51	68	163	1.333	0.417	0.313	10.3	20.00
3329	40.0847	117.6974	-159.6	407	QAL	0	0	0	0	60	62.4	1893	46	107	177	2.326	0.605	0.260	10.2	20.00
3330	40.0849	117.6973	-160.4	403	QAL	0	0	0	0	55	62.2	1862	37	114	177	3.081	0.644	0.209	10.3	20.00
3331	40.0852	117.6972	-148.8	396	QAL	0	0	0	0	60	62.0	2023	61	106	162	1.738	0.654	0.377	10.2	20.00
3332	40.0855	117.6972	-136.5	395	QAL	0	0	0	0	63	62.0	1917	47	130	135	2.766	0.963	0.348	10.2	20.00
3333	40.0858	117.6971	-123.5	393	QAL	0	0	0	0	54	61.9	1871	42	108	148	2.571	0.730	0.284	10.1	20.00
3334	40.0861	117.6970	-111.1	390	QAL	0	0	0	0	57	61.7	1965	42	151	158	3.595	0.956	0.266	10.1	20.00
3335	40.0863	117.6970	-105.6	387	QAL	0	0	0	0	55	61.7	1926	32	145	192	4.531	0.755	0.167	10.1	20.00
3336	40.0866	117.6969	-110.5	386	QAL	0	0	0	0	58	61.6	1953	62	93	162	1.500	0.574	0.383	10.1	20.00
3337	40.0870	117.6969	-130.2	387	QAL	0	0	0	0	62	61.7	1860	48	96	175	2.000	0.549	0.274	10.1	20.00
3338	40.0874	117.6969	-165.4	389	QAL	0	0	0	0	61	61.7	1758	43	136	144	3.163	0.944	0.299	10.1	20.00
3339	40.0877	117.6969	-201.4	384	QAL	0	0	0	0	56	61.6	1843	56	93	181	1.661	0.514	0.309	10.2	20.00
3340	40.0881	117.6969	-238.4	381	QAL	0	0	0	0	58	61.4	1780	48	49	183	1.021	0.268	0.262	10.2	20.00
3341	40.0885	117.6969	-268.6	378	QAL	0	0	0	0	54	61.3	1787	42	105	145	2.500	0.724	0.290	10.2	20.00
3342	40.0888	117.6969	-287.7	393	QAL	0	0	0	0	64	61.9	1709	22	159	138	7.227	1.152	0.159	10.2	20.00
3343	40.0892	117.6969	-300.1	394	QAL	0	0	0	0	58	61.9	1830	43	116	132	2.698	0.879	0.326	10.2	20.00
3344	40.0896	117.6970	-324.3	395	QAL	0	0	0	0	66	53.9	1608	41	73	142	1.780	0.514	0.289	10.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3345	40.0900	117.6970	-329.3	394	QAL	0	0	0	0	55	53.8	1634	40	108	131	2.700	0.824	0.305	10.2	20.00
3346	40.0903	117.6970	-322.1	382	QAL	0	0	0	0	56	53.4	1612	40	122	117	3.050	1.043	0.342	10.2	20.00
3347	40.0907	117.6970	-310.9	368	QAL	0	0	0	0	59	53.0	1530	39	81	101	2.077	0.802	0.386	10.2	20.00
3348	40.0911	117.6970	-301.1	373	QAL	0	0	0	0	55	53.2	1615	41	103	111	2.512	0.928	0.369	10.3	20.00
3349	40.0914	117.6970	-304.0	377	QAL	0	0	0	0	71	53.3	1656	48	68	150	1.417	0.453	0.320	10.3	20.00
3350	40.0918	117.6970	-317.5	376	QTB2	0	0	0	0	58	53.3	1718	40	87	127	2.175	0.685	0.315	10.3	20.00
3351	40.0922	117.6970	-347.4	372	QTB2	0	0	1	0	66	53.1	1531	51	22	121	0.431	0.182	0.421	10.3	20.00
3352	40.0926	117.6970	-398.6	375	QTB2	0	0	0	0	61	53.2	1685	16	219	94	13.688	2.330	0.170	10.3	20.00
3353	40.0929	117.6970	-428.8	384	QTB2	0	0	0	0	55	53.5	1765	37	155	104	4.189	1.490	0.356	10.3	20.00
3354	40.0933	117.6970	-398.4	389	QTB2	0	0	0	0	59	53.7	1694	57	104	119	1.825	0.874	0.479	10.3	20.00
3355	40.0937	117.6970	-322.6	390	QTB2	0	0	0	0	55	53.7	1670	38	142	128	3.737	1.10°	0.297	10.3	20.00
3356	40.0940	117.6970	-245.6	391	QTB2	0	0	0	0	64	53.7	1771	41	129	119	3.146	1.084	0.345	10.3	20.00
3357	40.0944	117.6970	-198.8	392	QTB2	0	0	0	0	62	53.8	1859	28	118	193	4.214	0.611	0.145	10.4	20.00
3358	40.0948	117.6970	-285.2	393	QTB2	0	0	0	0	52	53.8	1707	46	86	153	1.870	0.562	0.301	10.3	20.00
3359	40.0952	117.6970	-362.4	395	QTB2	0	0	0	0	54	53.9	1691	24	190	83	7.917	2.289	0.289	10.3	20.00
3360	40.0955	117.6971	-391.3	405	QTB2	0	0	0	0	55	54.2	1582	21	112	157	5.333	0.713	0.134	10.2	20.00
3361	40.0959	117.6971	-369.6	415	QTB2	0	0	0	0	57	54.5	1653	37	100	116	2.703	0.862	0.319	10.3	20.00
3362	40.0963	117.6971	-320.0	421	QTB2	0	0	0	0	68	54.7	1739	47	82	119	1.745	0.689	0.395	10.3	20.00
3363	40.0966	117.6971	-278.0	417	QTB2	0	0	0	0	55	46.7	1768	40	66	160	1.650	0.413	0.250	10.3	20.00
3364	40.0970	117.6971	-252.0	416	QTB2	0	0	0	0	57	46.7	1670	58	86	122	1.483	0.705	0.475	10.2	20.00
3365	40.0974	117.6971	-240.9	425	QTB2	0	0	0	0	50	46.9	1757	33	137	116	4.152	1.181	0.284	10.3	20.00
3366	40.0978	117.6971	-227.0	429	QTB2	0	0	0	0	52	47.0	1738	52	61	145	1.173	0.421	0.359	10.2	20.00
3367	40.0981	117.6971	-201.3	426	QTB2	0	0	0	0	58	46.9	1717	43	104	127	2.419	0.819	0.339	10.3	20.00
3368	40.0985	117.6971	-167.8	417	QTB2	0	0	0	0	59	46.7	1660	37	143	92	3.865	1.554	0.402	10.3	20.00
3369	40.0989	117.6971	-127.8	411	QTB2	0	0	0	0	56	46.5	1804	51	137	105	2.686	1.305	0.486	10.3	20.00
3370	40.0992	117.6971	-86.5	408	TS6	0	0	0	0	56	46.5	1700	33	100	153	3.030	0.654	0.216	10.3	20.00
3371	40.0996	117.6971	-9.2	414	TS6	0	0	0	0	55	46.6	1710	31	136	104	4.387	1.308	0.298	10.3	20.00
3372	40.1000	117.6971	17.5	426	TS6	0	0	0	0	61	46.9	1663	31	93	154	3.000	0.604	0.201	10.3	20.00
3373	40.1004	117.6971	41.3	432	TS6	0	0	0	0	60	47.1	1650	31	89	123	2.871	0.724	0.252	10.2	20.00
3374	40.1007	117.6971	61.6	435	TS6	0	0	0	0	54	47.2	1755	41	74	147	1.805	0.503	0.279	10.2	20.00
3375	40.1011	117.6972	83.8	425	TS6	0	0	0	0	56	46.9	1716	24	147	122	6.125	1.205	0.197	10.2	20.00
3376	40.1015	117.6972	103.5	401	TS6	0	0	0	0	61	46.3	1659	35	113	135	3.229	0.837	0.259	10.3	20.00
3377	40.1018	117.6972	121.1	388	TS6	0	0	0	0	55	45.9	1601	33	84	173	2.545	0.486	0.191	10.5	20.00
3378	40.1022	117.6972	138.0	395	TS6	0	0	0	0	52	46.1	1590	38	70	132	1.842	0.530	0.288	10.5	20.00
3379	40.1026	117.6972	155.7	412	TS6	0	0	0	0	60	46.6	1612	30	129	139	4.300	0.928	0.216	10.4	20.00
3380	40.1030	117.6972	173.2	437	TS6	0	0	0	0	63	47.2	1733	42	70	127	1.667	0.551	0.331	10.4	20.00
3381	40.1033	117.6972	191.9	459	TS6	0	0	0	0	67	47.8	1733	21	178	131	8.476	1.359	0.160	10.4	20.00
3382	40.1037	117.6972	209.8	469	TS6	0	0	0	0	53	48.7	1775	50	39	187	0.780	0.209	0.267	10.3	20.00
3383	40.1041	117.6972	225.5	462	TS6	0	0	0	0	64	48.5	1765	36	83	158	2.306	0.525	0.228	10.3	20.00
3384	40.1044	117.6972	245.7	449	TS6	0	0	0	0	53	48.2	1710	41	136	124	3.317	1.097	0.331	10.3	20.00
3385	40.1048	117.6972	244.4	435	TS6	0	0	0	0	60	47.8	1598	36	78	148	2.167	0.527	0.243	10.3	20.00
3386	40.1052	117.6972	233.0	413	TS6	0	0	0	0	63	47.2	1622	35	117	131	3.343	0.893	0.267	10.4	20.00
3387	40.1056	117.6972	204.9	398	TS6	0	0	0	0	59	46.8	1443	25	139	88	5.560	1.580	0.284	10.3	20.00
3388	40.1059	117.6972	160.1	389	TS6	0	0	0	0	63	46.5	1504	30	61	129	2.033	0.473	0.233	10.4	20.00
3389	40.1063	117.6972	107.1	382	TS6	0	0	0	0	56	46.3	1521	28	69	105	2.464	0.657	0.267	10.5	20.00
3390	40.1067	117.6973	57.5	366	TS6	0	0	0	0	59	45.9	1301	18	119	74	6.611	1.608	0.243	10.4	20.00
3391	40.1070	117.6973	14.7	354	TS6	0	0	0	0	62	45.5	1310	19	76	104	4.000	0.731	0.183	10.4	20.00
3392	40.1074	117.6973	-15.3	343	TS6	0	0	0	0	61	45.2	1267	30	81	86	2.700	0.942	0.349	10.4	20.00
3393	40.1078	117.6973	-33.5	339	TS6	0	0	1	0	58	45.1	1204	32	22	91	0.688	0.242	0.352	10.4	20.00
3394	40.1082	117.6973	-41.6	354	TS6	0	0	0	0	53	45.5	1316	22	65	97	2.955	0.670	0.227	10.4	20.00
3395	40.1085	117.6973	-47.4	378	TS6	0	0	0	0	53	46.2	1316	22	98	81	4.455	1.210	0.272	10.3	20.00
3396	40.1089	117.6973	-68.3	410	TS6	0	0	0	0	60	47.1	1291	17	107	55	6.294	1.945	0.309	10.2	20.00
3397	40.1093	117.6973	-224.1	430	TS6	0	0	0	0	61	47.6	1424	36	37	122	1.028	0.303	0.295	10.2	20.00
3398	40.1096	117.6973	-358.8	429	TS6	0	0	0	0	62	47.6	1496	31	76	97	2.452	0.784	0.320	10.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3399	40.1100	117.6973	-511.8	401	TS6	0	0	0	0	62	46.9	1492	33	77	109	2.333	0.706	0.303	10.1	20.00
3400	40.1104	117.6973	-642.3	390	TS6	0	0	0	0	57	46.6	1432	36	68	85	1.889	0.800	0.424	10.1	20.00
3401	40.1108	117.6973	-722.2	396	TS6	0	0	0	0	56	47.0	1417	26	85	108	3.269	0.787	0.241	10.0	20.00
3402	40.1111	117.6973	-748.3	408	TS6	0	0	0	0	54	47.3	1488	31	79	119	2.548	0.664	0.261	10.0	20.00
3403	40.1115	117.6973	-724.2	415	TS6	0	0	0	0	60	47.5	1575	47	70	122	1.489	0.574	0.385	10.1	20.00
3404	40.1119	117.6973	-666.9	412	TS6	0	0	0	0	65	47.4	1617	29	84	126	2.897	0.667	0.230	10.0	20.00
3405	40.1122	117.6974	-598.2	400	TS6	0	0	0	0	60	47.1	1629	45	43	176	0.956	0.244	0.256	10.0	20.00
3406	40.1126	117.6974	-522.3	392	TS6	0	0	0	0	60	46.9	1538	29	96	102	3.310	0.941	0.284	10.0	20.00
3407	40.1130	117.6974	-448.6	373	TS6	0	0	0	0	55	46.3	1489	35	168	58	4.800	2.897	0.603	9.9	20.00
3408	40.1134	117.6974	-379.4	367	TS6	0	0	0	0	69	46.2	1492	28	102	106	3.643	0.962	0.264	9.8	20.00
3409	40.1137	117.6974	-315.7	382	TS6	0	0	0	0	61	46.6	1548	38	43	165	1.132	0.261	0.230	9.8	20.00
3410	40.1141	117.6974	-253.9	408	TS6	0	0	0	0	58	47.3	1573	31	137	103	4.419	1.330	0.301	9.7	20.00
3411	40.1145	117.6974	-117.8	415	TS6	0	0	0	0	62	47.5	1632	52	62	102	1.192	0.608	0.510	9.8	20.00
3412	40.1148	117.6974	-35.3	383	TS6	0	0	0	0	59	46.6	1620	30	133	137	4.433	0.971	0.219	9.8	20.00
3413	40.1152	117.6974	50.3	356	TS6	0	0	0	0	57	45.9	1686	39	78	162	2.000	0.481	0.241	9.8	20.00
3414	40.1156	117.6974	122.6	331	TS6	0	0	0	0	59	45.1	1705	53	99	141	1.868	0.702	0.376	9.8	20.00
3415	40.1160	117.6974	165.9	300	TS6	0	0	0	0	56	44.2	1720	37	124	139	3.351	0.892	0.266	9.8	20.00
3416	40.1163	117.6974	198.8	281	TS6	0	0	0	0	61	43.6	1719	[illegible]	69	186	1.605	0.371	0.231	9.7	20.00
3417	40.1167	117.6974	231.6	282	TS6	0	0	0	0	58	43.6	1787	[illegible]3	59	179	1.372	0.330	0.240	9.7	20.00
3418	40.1171	117.6974	233.6	305	TS6	0	0	0	0	59	44.3	1533	35	62	184	1.771	0.337	0.190	9.5	20.00
3419	40.1174	117.6974	196.2	347	TS6	0	0	0	0	65	45.6	1548	26	52	195	2.000	0.267	0.133	9.5	20.00
3420	40.1178	117.6975	157.1	384	TS6	0	0	0	0	53	53.5	1521	36	116	102	3.222	1.137	0.353	9.5	20.00
3421	40.1182	117.6975	130.3	405	TS6	0	0	0	0	59	54.2	1507	41	52	116	1.268	0.448	0.353	9.5	20.00
3422	40.1186	117.6975	118.0	426	TS6	0	0	0	0	57	54.8	1511	47	73	107	1.553	0.682	0.439	9.4	20.00
3423	40.1189	117.6975	122.4	440	TS6	0	0	0	0	59	55.3	1380	44	32	99	0.727	0.323	0.444	9.4	20.00
3424	40.1193	117.6975	193.1	422	TS6	0	0	0	0	64	54.7	1393	36	50	100	1.389	0.500	0.360	9.5	20.00
3425	40.1197	117.6975	233.3	382	TS6	0	0	0	0	60	53.4	1268	27	107	66	3.963	1.621	0.409	9.4	20.00
3426	40.1200	117.6975	221.3	351	TS6	0	0	0	0	66	52.4	1405	22	54	120	2.455	0.450	0.183	9.4	20.00
3427	40.1204	117.6975	117.3	307	TS6	0	0	0	0	66	50.9	1223	14	103	81	7.357	1.272	0.173	9.2	20.00
3428	40.1208	117.6975	-17.7	280	TS6	0	0	1	0	60	49.9	1159	27	8	99	0.296	0.081	0.273	9.1	20.00
3429	40.1212	117.6975	-115.7	267	TS6	0	0	0	0	62	49.5	1255	36	34	81	0.944	0.420	0.444	9.0	20.00
3430	40.1215	117.6975	-173.0	291	TS6	0	0	0	0	66	50.4	1318	34	93	88	2.735	1.057	0.386	9.0	20.00
3431	40.1219	117.6975	-210.2	326	TS6	0	0	0	0	58	51.6	1296	36	69	77	1.917	0.896	0.468	9.0	20.00
3432	40.1223	117.6975	-228.0	364	TS6	0	0	1	0	61	52.9	1289	35	5	109	0.143	0.046	0.321	8.9	20.00
3433	40.1226	117.6975	-231.5	396	TS6	0	0	0	0	63	53.9	1343	31	65	78	2.097	0.833	0.397	8.9	20.00
3434	40.1230	117.6975	-225.9	401	TS6	0	0	0	0	67	54.1	1323	29	82	59	2.828	1.390	0.492	9.0	20.00
3435	40.1234	117.6976	-219.2	393	TS6	0	0	0	0	69	53.8	1273	23	52	108	2.261	0.481	0.213	8.8	20.00
3436	40.1238	117.6976	-218.6	398	TS6	0	0	0	0	60	53.9	1260	33	65	54	1.970	1.204	0.611	8.8	20.00
3437	40.1241	117.6976	-236.5	397	TS6	0	0	0	0	60	53.9	1227	18	59	57	3.278	1.035	0.316	8.7	20.00
3438	40.1245	117.6976	-245.3	395	TS6	0	0	1	0	60	53.9	1175	25	-6	97	-0.231	-0.062	0.268	8.7	20.00
3439	40.1249	117.6976	-252.8	387	TS6	0	0	1	0	68	55.1	1146	14	17	85	1.214	0.200	0.165	8.6	20.00
3440	40.1252	117.6976	-264.3	382	TS6	0	0	0	0	55	54.9	1228	16	60	95	3.750	0.632	0.168	8.5	20.00
3441	40.1256	117.6976	-264.8	375	TS6	0	0	1	0	57	54.7	1155	20	16	82	0.800	0.195	0.244	8.4	20.00
3442	40.1260	117.6976	-241.8	362	TS6	0	0	1	0	66	54.2	1191	37	0	91	0.027	0.011	0.407	8.4	20.00
3443	40.1264	117.6976	-197.4	352	TS6	0	0	0	0	65	53.9	1179	22	97	44	4.409	2.205	0.500	8.3	20.00
3444	40.1267	117.6976	-151.2	339	TS6	0	0	0	0	53	53.5	1233	30	36	80	1.200	0.450	0.375	8.3	20.00
3445	40.1271	117.6976	-124.2	331	TS6	0	0	0	0	61	53.2	1250	25	50	85	2.000	0.588	0.294	8.2	20.00
3446	40.1275	117.6976	-98.9	328	TS6	0	0	1	0	55	53.1	1255	32	21	119	0.656	0.176	0.269	8.2	20.00
3447	40.1278	117.6976	-65.6	329	TS6	0	0	0	0	58	53.1	1210	29	95	69	3.276	1.377	0.420	8.1	20.00
3448	40.1282	117.6976	-41.3	332	TS6	0	0	0	0	67	53.2	1230	30	44	84	1.467	0.524	0.357	8.1	20.00
3449	40.1286	117.6976	-31.3	330	TS6	0	0	0	0	57	53.1	1237	31	32	100	1.032	0.320	0.310	8.1	20.00
3450	40.1290	117.6977	188.9	312	TS6	0	0	0	0	63	52.5	1201	25	87	64	3.480	1.359	0.391	8.1	20.00
3451	40.1293	117.6977	285.0	287	TS6	0	0	0	0	64	51.6	1306	26	73	87	2.808	0.839	0.299	8.1	20.00
3452	40.1297	117.6977	168.5	288	TS6	0	0	0	0	62	51.6	1330	32	71	94	2.219	0.755	0.340	8.1	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3453	40.1301	117.6977	2.1	321	TS6	0	0	0	0	67	52.8	1412	27	37	126	1.370	0.294	0.214	8.0	20.00
3454	40.1304	117.6977	-102.4	355	TS6	0	0	0	0	61	54.0	1456	44	38	123	0.864	0.309	0.358	8.0	20.00
3455	40.1308	117.6977	-124.1	382	TS6	0	0	0	0	62	54.9	1419	16	102	108	6.375	0.944	0.148	8.0	20.00
3456	40.1312	117.6977	-76.3	374	TS6	0	0	0	0	60	54.7	1401	23	64	131	2.783	0.489	0.176	8.0	20.00
3457	40.1316	117.6977	-22.3	339	TS6	0	0	0	0	64	53.5	1330	27	47	105	1.741	0.448	0.257	8.0	20.00
3458	40.1319	117.6977	-29.1	329	TS6	0	0	0	0	63	59.8	1303	19	28	123	1.474	0.228	0.154	7.9	20.00
3459	40.1323	117.6977	-62.7	349	TS6	0	0	0	0	61	60.6	1456	28	50	120	1.786	0.417	0.233	8.0	20.00
3460	40.1327	117.6977	-89.3	382	TS6	0	0	0	0	57	61.9	1440	24	98	116	4.083	0.845	0.207	8.0	20.00
3461	40.1330	117.6977	-109.0	413	TS6	0	0	0	0	64	63.0	1485	20	83	120	4.150	0.692	0.167	8.0	20.00
3462	40.1334	117.6977	-124.6	435	TS6	0	0	0	0	66	63.8	1576	22	31	122	1.409	0.254	0.180	8.0	20.00
3463	40.1338	117.6977	-139.5	442	TS6	0	0	0	0	64	64.0	1670	32	132	75	4.125	1.760	0.427	8.1	20.00
3464	40.1342	117.6977	-180.9	446	TS6	0	0	0	0	60	64.2	1574	35	65	122	1.857	0.533	0.287	8.1	20.00
3465	40.1345	117.6977	-199.1	443	TS6	0	0	0	0	72	64.1	1675	39	102	114	2.615	0.895	0.342	8.0	20.00
3466	40.1349	117.6978	-212.5	425	TS6	0	0	0	0	60	63.5	1645	45	124	53	2.756	2.340	0.849	8.0	20.00
3467	40.1353	117.6978	-224.5	412	TS6	0	0	0	0	72	63.0	1619	26	112	120	4.308	0.933	0.217	8.0	20.00
3468	40.1356	117.6978	-241.4	417	TS6	0	0	0	0	65	63.1	1643	41	60	141	1.463	0.426	0.291	8.0	20.00
3469	40.1360	117.6978	-253.1	422	TS6	0	0	0	0	68	63.3	1575	24	93	109	3.875	0.853	0.220	8.0	20.00
3470	40.1364	117.6978	-260.2	404	TS6	0	0	0	0	62	62.7	1666	46	80	118	1.739	0.678	0.390	8.1	20.00
3471	40.1368	117.6978	-255.9	403	TS6	0	0	0	0	69	62.6	1572	44	90	76	2.045	1.184	0.579	8.0	20.00
3472	40.1371	117.6978	-248.1	434	TS6	0	0	0	0	59	63.8	1672	55	123	108	2.236	1.139	0.509	8.1	20.00
3473	40.1375	117.6978	-237.6	455	TS6	0	0	0	0	53	64.5	1746	68	63	124	0.926	0.508	0.548	8.2	20.00
3474	40.1379	117.6978	-227.4	453	TS6	0	0	0	0	55	64.4	1711	35	91	158	2.600	0.576	0.222	8.1	20.00
3475	40.1382	117.6978	-218.5	463	TS6	0	0	0	0	62	64.8	1584	32	127	123	3.969	1.033	0.260	8.1	20.00
3476	40.1386	117.6978	-207.8	477	TS6	0	0	0	0	68	65.2	1569	45	62	97	1.378	0.639	0.464	8.1	20.00
3477	40.1390	117.6978	-167.7	486	TS6	0	0	1	0	72	65.8	1593	55	6	110	0.109	0.055	0.500	8.1	20.00
3478	40.1394	117.6978	-143.4	488	TS6	0	0	0	0	52	65.8	1554	26	34	170	1.308	0.200	0.153	8.1	20.00
3479	40.1397	117.6978	-119.2	479	TS6	0	0	0	0	64	65.5	1466	40	52	117	1.300	0.444	0.342	8.2	20.00
3480	40.1401	117.6978	-103.0	469	TS6	0	0	0	0	62	65.2	1524	46	66	97	1.435	0.680	0.474	8.2	20.00
3481	40.1405	117.6979	-89.3	452	TS6	0	0	0	0	61	64.6	1430	29	108	99	3.724	1.091	0.293	8.3	20.00
3482	40.1408	117.6979	-79.3	447	TS6	0	0	0	0	63	64.5	1487	45	61	97	1.356	0.629	0.464	8.3	20.00
3483	40.1412	117.6979	-74.0	441	TS6	0	0	0	0	60	64.2	1560	39	67	121	1.718	0.554	0.322	8.3	20.00
3484	40.1416	117.6979	-66.8	430	TS6	0	0	0	0	74	63.8	1527	22	80	136	3.636	0.588	0.162	8.3	20.00
3485	40.1420	117.6979	-65.4	420	TS6	0	0	0	0	62	63.5	1510	32	73	152	2.281	0.480	0.211	8.3	20.00
3486	40.1423	117.6979	-64.6	414	TS6	0	0	0	0	71	63.2	1487	36	72	104	2.000	0.692	0.346	8.3	20.00
3487	40.1427	117.6979	-71.4	411	TS6	0	0	0	0	60	63.2	1505	41	54	111	1.317	0.486	0.369	8.4	20.00
3488	40.1431	117.6979	-75.3	411	TS6	0	0	0	0	63	63.2	1521	53	41	122	0.774	0.336	0.434	8.5	20.00
3489	40.1434	117.6979	-82.3	405	TS6	0	0	0	0	54	62.9	1386	48	27	86	0.563	0.314	0.558	8.4	20.00
3490	40.1438	117.6979	-95.5	406	TS6	0	0	0	0	63	63.0	1422	27	45	131	1.667	0.344	0.206	8.4	20.00
3491	40.1442	117.6979	-100.0	407	TS6	0	0	0	0	65	63.0	1531	33	41	132	1.242	0.311	0.250	8.4	20.00
3492	40.1446	117.6979	-101.9	414	TS6	0	0	0	0	59	63.3	1418	31	4	156	1.419	0.282	0.199	8.4	20.00
3493	40.1449	117.6979	-103.1	406	TS6	0	0	0	0	60	63.0	1586	46	77	58	1.674	1.328	0.793	8.4	20.00
3494	40.1453	117.6979	-103.7	391	TS6	0	0	0	0	65	62.4	1564	34	107	104	3.147	1.029	0.327	8.4	20.00
3495	40.1457	117.6979	-104.5	382	TS6	0	0	0	0	55	62.1	1515	33	111	104	3.364	1.067	0.317	8.4	20.00
3496	40.1460	117.6980	-106.5	379	TS6	0	0	0	0	65	58.7	1547	33	96	109	2.909	0.881	0.303	8.4	20.00
3497	40.1464	117.6980	-110.1	382	TS6	0	0	0	0	54	58.8	1463	41	73	117	1.780	0.624	0.350	8.4	20.00
3498	40.1468	117.6980	-115.3	418	TS6	0	0	0	0	58	60.0	1607	42	80	121	1.905	0.661	0.347	8.5	20.00
3499	40.1472	117.6980	-116.9	462	TS6	0	0	0	0	63	61.5	1616	50	73	121	1.460	0.603	0.413	8.5	20.00
3500	40.1475	117.6980	-110.4	483	TS6	0	0	1	0	61	62.2	1832	67	6	144	0.090	0.042	0.465	8.5	20.00
3501	40.1479	117.6980	-102.7	442	TS6	0	0	0	0	64	60.9	1864	54	91	118	1.685	0.771	0.458	8.5	20.00
3502	40.1483	117.6980	-96.5	376	TS6	0	0	0	0	58	58.5	1621	33	110	134	3.333	0.821	0.246	8.5	20.00
3503	40.1486	117.6980	-91.5	367	TS6	0	0	0	0	65	58.2	1640	35	107	146	3.057	0.733	0.240	8.5	20.00
3504	40.1490	117.6980	-94.3	385	TS6	0	0	0	0	59	58.9	1822	56	87	102	1.554	0.853	0.549	8.6	20.00
3505	40.1494	117.6980	-96.8	406	TS6	0	0	0	0	58	59.6	1872	58	122	132	2.103	0.924	0.439	8.6	20.00
3506	40.1498	117.6980	-99.6	426	TS6	0	0	0	0	60	60.3	1791	51	119	111	2.333	1.072	0.459	8.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3507	40.1501	117.6980	-100.0	435	TS6	0	0	0	0	69	60.6	1869	43	121	160	2.814	0.756	0.269	8.8	20.00
3508	40.1505	117.6980	-100.7	430	TS6	0	0	0	0	61	60.4	1748	48	118	107	2.458	1.103	0.449	8.8	20.00
3509	40.1509	117.6980	-99.3	414	TS6	0	0	0	0	65	59.9	1764	40	100	144	2.500	0.694	0.278	8.9	20.00
3510	40.1512	117.6980	-99.5	419	TS6	0	0	0	0	68	60.1	1769	31	117	98	3.774	1.194	0.316	8.9	20.00
3511	40.1516	117.6981	-97.4	428	TS6	0	0	1	0	66	60.4	1786	58	15	176	0.259	0.085	0.330	9.0	20.00
3512	40.1520	117.6981	-97.0	432	TS6	0	0	0	0	62	60.5	1796	42	134	111	3.190	1.207	0.378	9.1	20.00
3513	40.1524	117.6981	-98.7	436	TS6	0	0	0	0	65	60.6	1794	47	77	134	1.638	0.575	0.351	9.1	20.00
3514	40.1527	117.6981	-97.1	442	TS6	0	0	0	0	66	60.9	1809	33	65	153	1.970	0.425	0.216	9.1	20.00
3515	40.1531	117.6981	-97.1	440	TS6	0	0	0	0	66	54.4	1753	27	109	140	4.037	0.779	0.193	9.1	20.00
3516	40.1535	117.6981	-98.2	453	TS6	0	0	0	0	65	54.7	1761	43	78	104	1.814	0.750	0.413	9.2	20.00
3517	40.1538	117.6981	-95.5	474	TS6	0	0	0	0	58	55.4	1880	45	141	133	3.133	1.060	0.338	9.2	20.00
3518	40.1542	117.6981	-92.6	480	TS6	0	0	0	0	63	55.5	1727	40	144	79	3.600	1.823	0.506	9.2	20.00
3519	40.1546	117.6981	-88.3	484	TS6	0	0	0	0	62	55.6	1978	75	32	135	0.427	0.237	0.556	9.3	20.00
3520	40.1550	117.6981	-84.0	484	TS6	0	0	0	0	63	55.6	1802	51	132	115	2.588	1.148	0.443	9.3	20.00
3521	40.1553	117.6981	-80.7	486	TS6	0	0	0	0	68	55.7	1930	46	94	140	2.043	0.671	0.329	9.3	20.00
3522	40.1557	117.6981	-71.1	484	TS6	0	0	0	0	54	55.6	1918	42	107	160	2.548	0.669	0.262	9.3	20.00
3523	40.1561	117.6981	-64.6	483	TS6	0	0	0	0	61	55.6	2024	37	103	195	2.784	0.528	0.190	9.3	20.00
3524	40.1564	117.6981	-57.3	484	TS6	0	0	0	0	65	55.6	2126	51	113	177	2.216	0.638	0.288	9.3	20.00
3525	40.1568	117.6981	-51.0	484	TS6	0	0	0	0	66	55.7	2058	60	82	182	1.367	0.451	0.330	9.3	20.00
3526	40.1572	117.6982	-43.0	484	TS6	0	0	0	0	58	55.6	2114	62	78	191	1.258	0.408	0.325	9.4	20.00
3527	40.1576	117.6982	-36.0	472	TS6	0	0	0	0	66	55.3	2109	60	138	147	2.300	0.939	0.408	9.4	20.00
3528	40.1579	117.6982	-32.3	426	TS6	0	0	0	0	62	53.9	1950	51	121	122	2.373	0.992	0.418	9.4	20.00
3529	40.1583	117.6982	-[illegible]7	434	TS6	0	0	0	0	51	54.2	2036	48	140	155	2.917	0.903	0.310	9.4	20.00
3530	40.1587	117.6982	-30.9	465	TS6	0	0	0	0	56	55.1	1915	31	143	177	4.613	0.808	0.175	9.4	20.00
3531	40.1590	117.6982	-32.8	482	TS6	0	0	0	0	61	55.6	1859	48	75	163	1.563	0.460	0.294	9.5	20.00
3532	40.1594	117.6982	-36.4	484	TS6	0	0	0	0	56	55.6	1952	54	45	213	0.833	0.211	0.254	9.5	20.00
3533	40.1598	117.6982	-39.2	481	TS6	0	0	0	0	64	55.6	1929	40	117	148	2.925	0.791	0.270	9.5	20.00
3534	40.1602	117.6982	-40.6	479	TS6	0	0	0	0	62	51.8	1935	48	133	183	2.771	0.727	0.262	9.5	20.00
3535	40.1605	117.6982	-44.8	480	TS6	0	0	0	0	62	51.9	1831	41	95	128	2.317	0.742	0.320	9.6	20.00
3536	40.1609	117.6982	-50.3	477	TS6	0	0	0	0	66	51.8	1876	50	104	131	2.080	0.794	0.382	9.6	20.00
3537	40.1613	117.6982	-56.0	472	TS6	0	0	0	0	63	51.6	1871	46	81	163	1.761	0.497	0.282	9.7	20.00
3538	40.1616	117.6982	-60.3	465	TS6	0	0	0	0	66	51.5	1915	46	99	149	2.152	0.664	0.309	9.7	20.00
3539	40.1620	117.6982	-67.1	451	TS6	0	0	0	0	62	51.1	1823	55	129	111	2.345	1.162	0.495	9.7	20.00
3540	40.1624	117.6982	-73.7	440	TS6	0	0	0	0	60	50.8	1733	44	121	117	2.750	1.034	0.376	9.7	20.00
3541	40.1628	117.6983	-81.9	441	TS6	0	0	0	0	56	50.8	1715	39	94	145	2.410	0.648	0.269	9.8	20.00
3542	40.1631	117.6983	-87.1	437	TS6	0	0	0	0	61	50.7	1878	80	71	148	0.888	0.480	0.541	9.8	20.00
3543	40.1635	117.6983	-93.6	428	TS6	0	0	0	0	55	50.4	1962	44	157	135	3.568	1.163	0.326	9.8	20.00
3544	40.1639	117.6983	-95.6	428	TS6	0	0	0	0	62	50.4	1972	55	121	137	2.200	0.883	0.401	9.9	20.00
3545	40.1642	117.6983	-97.5	427	TS6	0	0	0	0	54	50.4	1916	36	197	108	5.472	1.824	0.333	9.9	20.00
3546	40.1646	117.6983	-98.5	423	TS6	0	0	0	0	64	50.3	1993	47	157	148	3.568	1.061	0.297	9.9	20.00
3547	40.1650	117.6983	-98.8	418	TS6	0	0	0	0	60	50.1	1896	57	33	195	0.579	0.169	0.292	9.9	20.00
3548	40.1654	117.6983	-100.3	413	TS6	0	0	0	0	54	50.0	1865	50	123	145	2.460	0.848	0.345	10.0	20.00
3549	40.1657	117.6983	-100.5	412	TS6	0	0	0	0	64	50.0	1839	44	45	186	1.023	0.242	0.237	10.0	20.00
3550	40.1661	117.6983	-99.9	417	TS6	0	0	0	0	66	50.1	1809	37	99	164	2.676	0.604	0.226	10.0	20.00
3551	40.1665	117.6983	-100.6	421	TS6	0	0	0	0	54	50.2	1802	41	124	125	3.024	0.992	0.328	10.0	20.00
3552	40.1668	117.6983	-101.5	418	TS6	0	0	0	0	60	50.1	1790	55	34	177	0.618	0.192	0.311	10.0	20.00
3553	40.1672	117.6983	-100.1	410	TS6	0	0	0	0	52	46.6	1788	36	75	171	2.083	0.439	0.211	10.1	20.00
3554	40.1676	117.6983	-99.3	403	TS6	0	0	0	0	60	46.4	1801	45	46	165	1.022	0.279	0.273	10.1	20.00
3555	40.1680	117.6983	-97.2	381	TS6	0	0	0	0	63	45.8	1815	52	61	133	1.173	0.459	0.391	10.1	20.00
3556	40.1683	117.6984	-96.5	368	TS6	0	0	0	0	63	45.4	1883	53	74	155	1.396	0.477	0.342	10.1	20.00
3557	40.1687	117.6984	-98.7	370	TS6	0	0	0	0	58	45.5	1782	48	50	160	1.042	0.313	0.300	10.0	20.00
3558	40.1691	117.6984	-100.3	382	TS6	0	0	0	0	63	45.8	1945	42	129	152	3.071	0.849	0.276	10.0	20.00
3559	40.1694	117.6984	-99.9	397	TS6	0	0	0	0	59	46.2	1967	54	79	154	1.463	0.513	0.351	10.0	20.00
3560	40.1698	117.6984	-101.0	408	TS6	0	0	0	0	54	46.5	1907	46	123	141	2.674	0.872	0.326	9.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3561	40.1702	117.6984	-100.[illegible]	414	TS6	0	0	0	0	67	46.7	1814	46	96	105	2.087	0.914	0.438	9.9	20.00
3562	40.1706	117.6984	-100.4	412	TS6	0	0	0	0	64	46.6	1811	54	41	159	0.759	0.258	0.340	9.9	20.00
3563	40.1709	117.6984	-100.6	413	TS6	0	0	0	0	62	46.7	1698	33	93	112	2.818	0.830	0.295	9.9	20.00
3564	40.1713	117.6984	-101.9	403	TS6	0	0	0	0	59	46.4	1665	37	143	81	3.865	1.765	0.457	9.8	20.00
3565	40.1717	117.6984	-103.1	404	TS6	0	0	0	0	54	46.4	1598	34	102	87	3.000	1.172	0.391	9.7	20.00
3566	40.1720	117.6984	-106.5	406	TS6	0	0	0	0	56	46.5	1483	35	79	124	2.257	0.637	0.282	9.7	20.00
3567	40.1724	117.6984	-108.4	407	TS6	0	0	0	0	64	46.5	1511	37	94	111	2.541	0.847	0.333	9.7	20.00
3568	40.1728	117.6984	-108.4	407	TS6	0	0	0	0	65	46.5	1576	40	77	103	1.925	0.748	0.388	9.7	20.00
3569	40.1732	117.6984	-109.5	388	TS6	0	0	0	0	69	46.0	1435	25	82	84	3.280	0.976	0.298	9.6	20.00
3570	40.1735	117.6984	-109.6	370	TS6	0	0	0	0	64	45.5	1508	33	42	123	1.273	0.341	0.268	9.6	20.00
3571	40.1739	117.6985	-110.1	364	TS6	0	0	0	0	72	45.3	1406	14	82	107	5.857	0.766	0.131	9.5	20.00
3572	40.1743	117.6985	-113.1	384	TS6	0	0	0	0	61	47.7	1412	36	35	106	0.972	0.330	0.340	9.5	20.00
3573	40.1746	117.6985	-116.3	419	TS6	0	0	0	0	57	48.7	1571	43	45	123	1.047	0.366	0.350	9.5	20.00
3574	40.1750	117.6985	-115.9	434	TS6	0	0	0	0	63	49.1	1596	32	41	128	1.281	0.320	0.250	9.4	20.00
3575	40.1754	117.6985	-116.0	449	TS6	0	0	1	0	62	49.5	1558	45	13	130	0.289	0.100	0.346	9.5	20.00
3576	40.1758	117.6985	-113.3	467	TS6	0	0	0	0	64	49.9	1624	29	58	136	2.000	0.426	0.213	9.4	20.00
3577	40.1761	117.6985	-111.6	483	TS6	0	0	0	0	64	50.4	1682	53	54	96	1.019	0.563	0.552	9.4	20.00
3578	40.1765	117.6985	-110.0	486	TS6	0	0	0	0	59	50.5	1597	31	73	142	2.355	0.514	0.218	9.4	20.00
3579	40.1769	117.6985	-108.5	486	TS6	0	0	0	0	67	50.4	1544	39	52	102	1.333	0.510	0.382	9.4	20.00
3580	40.1772	117.6985	-105.9	491	TS6	0	0	0	0	66	50.6	1734	25	112	132	4.480	0.848	0.189	9.4	20.00
3581	40.1776	117.6985	-105.1	489	TS6	0	0	0	0	58	50.5	1606	22	132	79	6.000	1.671	0.278	9.3	20.00
3582	[illegible].1780	117.6985	-101.6	488	TS6	0	0	0	0	56	50.5	1573	36	75	110	2.083	0.682	0.327	9.3	20.00
3583	[illegible].784	117.6985	-95.5	488	TS6	0	0	1	0	60	50.5	1659	47	19	153	0.404	0.124	0.307	9.2	20.00
3584	[illegible].787	117.6985	-95.0	487	TS6	0	0	0	0	68	50.5	1677	33	58	130	1.758	0.446	0.254	9.2	20.00
3585	40.1791	117.6985	-92.4	488	TS6	0	0	0	0	57	50.5	1742	42	88	96	2.095	0.917	0.438	9.2	20.00
3586	40.1795	117.6985	-90.1	491	TS6	0	0	0	0	61	50.6	1770	55	69	125	1.255	0.552	0.440	9.0	20.00
3587	40.1798	117.6986	-88.1	492	TS6	0	0	0	0	74	50.6	1617	28	56	151	2.000	0.371	0.185	9.0	20.00
3588	40.1802	117.6986	-88.0	491	TS6	0	0	0	0	58	50.6	1691	44	42	130	0.955	0.323	0.338	8.9	20.00
3589	40.1806	117.6986	-86.5	488	TS6	0	0	1	0	71	50.5	1579	43	0	152	0.023	0.007	0.283	8.9	20.00
3590	40.1810	117.6986	-85.0	485	TS6	0	0	0	0	66	50.4	1648	51	30	121	0.588	0.248	0.421	8.8	20.00
3591	40.1813	117.6986	-84.7	483	TS6	0	0	0	0	57	46.0	1596	39	66	134	1.692	0.493	0.291	8.7	20.00
3592	40.1817	117.6986	-80.2	480	TS6	0	0	0	0	67	45.9	1619	20	108	140	5.400	0.771	0.143	8.7	20.00
3593	40.1821	117.6986	-79.9	479	TS6	0	0	0	0	57	45.9	1692	50	71	114	1.420	0.623	0.439	8.8	20.00
3594	40.1824	117.6986	-79.1	477	TS6	0	0	0	0	58	45.9	1676	42	123	104	2.929	1.183	0.404	8.8	20.00
3595	40.1828	117.6986	-77.5	481	TS6	0	0	0	0	62	45.9	1676	45	77	118	1.711	0.653	0.381	8.8	20.00
3596	40.1832	117.6986	-72.5	486	TS6	0	0	0	0	58	46.1	1557	25	109	141	4.360	0.773	0.177	8.7	20.00
3597	40.1835	117.6986	-71.6	487	TS6	0	0	0	0	66	46.1	1583	27	81	133	3.000	0.609	0.203	8.7	20.00
3598	40.1838	117.6986	-69.5	487	TS6	0	0	1	0	61	46.1	1547	41	14	157	0.341	0.089	0.261	8.7	20.00
3599	40.1841	117.6986	-67.6	470	TS6	0	0	0	0	65	45.7	1567	28	79	127	2.821	0.622	0.220	8.7	20.00
3600	40.1844	117.6986	-68.3	460	TS6	0	0	0	0	59	45.5	1401	43	48	77	1.116	0.623	0.558	8.6	20.00
3601	40.1847	117.6986	-68.2	467	TS6	0	0	0	0	59	45.6	1433	24	60	118	2.500	0.508	0.203	8.6	20.00
3602	40.1850	117.6986	-69.2	484	TS6	0	0	0	0	60	46.0	1477	22	90	111	4.091	0.811	0.198	8.6	20.00
3603	40.1853	117.6986	-70.1	488	TS6	0	0	0	0	61	46.1	1640	44	104	81	2.364	1.284	0.543	8.6	20.00
3604	40.1856	117.6986	-70.2	492	TS6	0	0	0	0	62	46.2	1557	31	119	95	3.839	1.253	0.326	8.5	20.00
3605	40.1859	117.6986	-71.2	490	TS6	0	0	0	0	56	46.2	1492	31	78	126	2.516	0.619	0.246	8.4	20.00
3606	40.1862	117.6986	-68.8	488	TS6	0	0	0	0	59	46.1	1543	56	60	93	1.071	0.645	0.602	8.4	20.00
3607	40.1865	117.6986	-69.7	489	TS6	0	0	0	0	69	46.2	1488	45	30	142	0.667	0.211	0.317	8.4	20.00
3608	40.1868	117.6987	-67.9	489	TS6	0	0	0	0	64	46.1	1478	24	130	71	5.417	1.831	0.338	8.3	20.00
3609	40.1871	117.6987	-65.3	485	TS6	0	0	0	0	58	46.1	1572	51	36	102	0.706	0.353	0.500	8.3	20.00
3610	40.1874	117.6987	-59.3	486	TS6	0	0	0	0	51	46.7	1520	35	108	80	3.086	1.350	0.438	8.3	20.00
3611	40.1877	117.6987	-56.9	486	TS6	0	0	0	0	65	46.7	1494	32	86	86	2.688	1.000	0.372	8.2	20.00
3612	40.1880	117.6987	-54.9	484	TS6	0	0	0	0	62	46.7	1534	43	45	122	1.047	0.369	0.352	8.2	20.00
3613	40.1883	117.6987	-56.2	485	TS6	0	0	0	0	62	46.7	1544	41	59	116	1.439	0.509	0.353	8.2	20.00
3614	40.1886	117.6987	-55.9	484	TS6	0	0	0	0	61	46.7	1475	41	61	125	1.488	0.488	0.328	8.1	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	B?
3615	40.1889	117.6987	-57.3	484	TS6	0	0	0	0	63	46.7	1477	45	45	154	1.000	0.292	0.292	8.2	20.00
3616	40.1892	117.6987	-57.3	478	TS6	0	0	0	0	62	46.6	1574	31	76	136	2.452	0.559	0.228	8.2	20.00
3617	40.1895	117.6987	-55.5	476	TS6	0	0	0	0	48	46.5	1495	33	86	86	2.606	1.000	0.384	8.1	20.00
3618	40.1898	117.6987	-54.7	471	TS6	0	0	0	0	64	46.4	1489	43	30	124	0.698	0.242	0.347	8.1	20.00
3619	40.1901	117.6987	-54.0	454	TS6	0	0	0	0	62	46.0	1520	20	163	77	8.150	2.117	0.260	8.1	20.00
3620	40.1904	117.6987	-53.6	428	TS6	0	0	0	0	63	45.3	1517	38	69	125	1.816	0.552	0.304	8.1	20.00
3621	40.1907	117.6987	-51.8	399	TS6	0	0	0	0	58	44.6	1536	65	50	107	0.769	0.467	0.607	8.1	20.00
3622	40.1910	117.6987	-51.7	371	TS6	0	0	0	0	66	43.8	1551	38	113	91	2.974	1.242	0.418	8.1	20.00
3623	40.1913	117.6987	-54.7	389	TS6	0	0	0	0	68	44.3	1502	38	72	143	1.895	0.503	0.266	8.2	20.00
3624	40.1916	117.6987	-59.0	426	TS6	0	0	0	0	53	45.3	1717	41	99	172	2.415	0.576	0.238	8.1	20.00
3625	40.1919	117.6987	-58.1	467	TS6	0	0	0	0	62	46.3	1827	46	144	137	3.130	1.051	0.336	8.2	20.00
3626	40.1922	117.6987	-57.7	482	TS6	0	0	0	0	59	46.7	1918	62	86	167	1.387	0.515	0.371	8.2	20.00
3627	40.1925	117.6987	-56.7	473	TS6	0	0	0	0	63	46.4	1918	44	93	172	2.114	0.541	0.256	8.2	20.00
3628	40.1928	117.6987	-55.7	461	TS6	0	0	0	0	60	46.1	1860	52	132	130	2.538	1.015	0.400	8.2	20.00
3629	40.1930	117.6987	-54.2	477	TS6	0	0	0	0	57	46.1	1903	65	121	136	1.862	0.890	0.478	8.2	20.00
3630	40.1933	117.6987	-54.8	487	TS6	0	0	0	0	59	46.3	1933	66	123	142	1.864	0.866	0.465	8.2	20.00
3631	40.1936	117.6987	-55.2	488	TS6	0	0	0	0	59	46.3	1933	48	126	155	2.625	0.813	0.310	8.2	20.00
3632	40.1939	117.6987	-53.3	489	TS6	0	0	0	0	64	46.3	1992	40	73	252	1.825	0.290	0.159	8.2	20.00
3633	40.1942	117.6987	-51.5	485	TS6	0	0	0	0	51	46.2	2028	85	93	136	1.094	0.684	0.625	8.2	20.00
3634	40.1945	117.6987	-50.9	485	TS6	0	0	0	0	61	46.2	2055	47	78	253	1.660	0.308	0.186	8.2	20.00
3635	40.1948	117.6987	-49.4	483	TS6	0	0	0	0	64	46.2	1934	49	71	211	1.449	0.336	0.232	8.2	20.00
3636	40.1951	117.6987	-47.6	482	TS6	0	0	0	0	60	46.2	19[illegible]	50	161	135	3.220	1.193	0.370	8.2	20.00
3637	40.1954	117.6987	-43.8	474	TS6	0	0	0	0	64	46.0	19[illegible]	54	85	181	1.574	0.470	0.298	8.2	20.00
3638	40.1957	117.6987	-43.0	465	TS6	0	0	0	0	63	45.8	1921	65	69	175	1.062	0.394	0.371	8.2	20.00
3639	40.1960	117.6988	-42.3	451	TS6	0	0	0	0	58	45.4	1981	48	146	140	3.042	1.043	0.343	8.2	20.00
3640	40.1963	117.6988	-39.0	444	TS6	0	0	0	0	56	45.2	1971	71	98	187	1.380	0.524	0.380	8.2	20.00
3641	40.1966	117.6988	-37.2	437	TS6	0	0	0	0	56	45.1	1984	65	80	211	1.231	0.379	0.308	8.2	20.00
3642	40.1969	117.6988	-34.4	434	TS6	0	0	0	0	57	45.0	2079	58	180	153	3.103	1.176	0.379	8.1	20.00
3643	40.1972	117.6988	-31.2	424	TS6	0	0	0	0	63	44.8	2042	51	125	191	2.451	0.654	0.267	8.1	20.00
3644	40.1975	117.6988	-23.8	395	TS6	0	0	0	0	58	44.0	1991	58	99	236	1.707	0.419	0.246	8.1	20.00
3645	40.1978	117.6988	-21.2	371	TS6	0	0	0	0	68	43.4	1907	51	119	151	2.333	0.788	0.338	8.1	20.00
3646	40.1981	117.6988	-16.4	371	TS6	0	0	0	0	51	43.4	2033	68	166	149	2.441	1.114	0.456	8.1	20.00
3647	40.1984	117.6988	-9.7	381	TS6	0	0	0	0	66	43.6	2006	45	135	210	3.000	0.643	0.214	8.1	20.00
3648	40.1987	117.6988	-4.2	396	TS6	0	0	0	0	61	49.9	2028	58	56	231	0.966	0.242	0.251	8.0	20.00
3649	40.1990	117.6988	-0.3	404	TS6	0	0	0	0	65	50.2	2126	77	86	206	1.117	0.417	0.374	8.0	20.00
3650	40.1993	117.6988	7.0	404	TS6	0	0	0	0	57	50.1	2178	74	114	148	1.541	0.770	0.500	8.0	20.00
3651	40.1996	117.6988	9.1	406	TS6	0	0	0	0	62	50.2	2071	64	101	192	1.578	0.526	0.333	8.0	20.00
3652	40.1999	117.6988	12.5	418	TS6	0	0	0	0	65	50.6	2187	44	193	182	4.386	1.060	0.242	8.0	20.00
3653	40.2002	117.6988	16.7	428	TS6	0	0	0	0	62	50.8	2148	66	93	231	1.409	0.403	0.286	8.0	20.00
3654	40.2005	117.6988	19.6	434	TS6	0	0	0	0	69	51.0	2206	69	210	136	3.043	1.544	0.507	7.9	20.00
3655	40.2008	117.6988	25.2	435	TS6	0	0	0	0	64	51.1	2360	60	166	237	2.767	0.700	0.253	7.9	20.00
3656	40.2011	117.6988	29.0	426	TS6	0	0	0	0	50	50.8	2363	50	209	194	4.180	1.077	0.258	7.9	20.00
3657	40.2014	117.6988	33.9	411	TS6	0	0	0	0	63	50.4	2231	65	68	246	1.046	0.276	0.264	7.9	20.00
3658	40.2017	117.6988	36.0	417	TS6	0	0	0	0	64	50.5	2095	43	173	197	4.023	0.878	0.218	7.9	20.00
3659	40.2020	117.6988	39.8	442	TS6	0	0	0	0	68	51.2	2213	99	127	166	1.283	0.765	0.596	7.9	20.00
3660	40.2023	117.6988	44.2	440	TS6	0	0	0	0	77	51.2	2174	63	134	209	2.127	0.641	0.301	7.9	20.00
3661	40.2026	117.6988	47.3	410	TS6	0	0	0	0	57	50.3	2139	44	221	184	5.023	1.201	0.239	7.9	20.00
3662	40.2029	117.6988	51.1	408	TS6	0	0	0	0	65	50.3	2049	71	50	271	0.704	0.185	0.262	7.9	20.00
3663	40.2032	117.6988	58.9	407	TS6	0	0	0	0	71	50.2	2166	66	83	209	1.258	0.397	0.316	7.9	20.00
3664	40.2035	117.6988	63.2	409	TS6	0	0	0	0	57	50.3	2161	79	57	235	0.722	0.243	0.336	8.0	20.00
3665	40.2038	117.6988	64.2	421	TS6	0	0	0	0	63	50.6	2089	69	127	158	1.841	0.804	0.437	7.9	20.00
3666	40.2041	117.6988	69.1	426	TS6	0	0	0	0	64	50.8	2245	61	71	252	1.164	0.282	0.242	7.9	20.00
3667	40.2044	117.6988	73.2	429	TS6	0	0	0	0	53	51.1	2200	72	132	194	1.833	0.680	0.371	7.9	20.00
3668	40.2047	117.6988	78.1	444	TS6	0	0	0	0	58	51.6	2233	58	164	203	2.828	0.808	0.286	7.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3669	40.2050	117.6988	80.3	454	TS6	0	0	0	0	54	51.8	2273	61	168	212	2.754	0.792	0.288	7.9	20.00
3670	40.2053	117.6989	82.2	458	TS6	0	0	0	0	56	51.9	2362	60	155	217	2.583	0.714	0.276	7.9	20.00
3671	40.2057	117.6988	86.7	461	TS6	0	0	0	0	68	52.0	2385	54	129	271	2.389	0.476	0.199	7.9	20.00
3672	40.2060	117.6987	88.2	461	TS6	0	0	0	0	61	52.0	2460	67	175	204	2.612	0.858	0.328	7.9	20.00
3673	40.2064	117.6986	93.8	460	TS6	0	0	0	0	49	52.0	2526	101	110	261	1.089	0.421	0.387	7.8	20.00
3674	40.2068	117.6985	96.3	457	TS6	0	0	0	0	64	52.0	2313	70	66	284	0.943	0.232	0.246	7.8	20.00
3675	40.2072	117.6984	101.6	462	TS6	0	0	0	0	67	52.1	2506	81	113	261	1.395	0.433	0.310	7.8	20.00
3676	40.2076	117.6983	106.1	462	TS6	0	0	0	0	60	52.1	2481	87	143	213	1.644	0.671	0.408	7.7	20.00
3677	40.2079	117.6982	109.3	460	TS6	0	0	0	0	63	52.0	2554	65	134	265	2.062	0.506	0.245	7.7	20.00
3678	40.2083	117.6982	109.4	463	TS6	0	0	0	0	68	52.1	2435	63	129	218	2.048	0.592	0.289	7.6	20.00
3679	40.2087	117.6981	109.2	462	TS6	0	0	0	0	61	52.1	2368	58	153	252	2.638	0.607	0.230	7.6	20.00
3680	40.2091	117.6980	111.2	468	TS6	0	0	0	0	65	52.2	2458	76	116	220	1.526	0.527	0.345	7.6	20.00
3681	40.2094	117.6979	112.3	471	TS6	0	0	0	0	76	52.3	2404	64	122	254	1.906	0.480	0.252	7.6	20.00
3682	40.2098	117.6978	115.1	475	TS6	0	0	0	0	57	52.4	2382	64	159	218	2.484	0.729	0.294	7.6	20.00
3683	40.2102	117.6977	115.2	481	TS6	0	0	0	0	62	52.6	2280	67	159	207	2.373	0.768	0.324	7.5	20.00
3684	40.2106	117.6976	114.9	483	TS6	0	0	0	0	60	52.6	2473	55	224	226	4.073	0.991	0.243	7.5	20.00
3685	40.2109	117.6975	115.0	483	TS6	0	0	0	0	58	52.6	2397	60	138	238	2.300	0.580	0.252	7.6	20.00
3686	40.2113	117.6975	115.5	482	TS6	0	0	0	0	59	56.6	2344	60	185	208	3.083	0.889	0.288	7.7	20.00
3687	40.2117	117.6974	116.3	481	TS6	0	0	0	0	61	56.6	2419	61	183	270	3.000	0.678	0.226	7.7	20.00
3688	40.2121	117.6973	115.5	472	TS6	0	0	0	0	66	56.3	2360	75	160	223	2.133	0.717	0.336	7.7	20.00
3689	40.2124	117.6972	116.6	462	TS6	0	0	0	0	53	56.0	2288	60	215	191	3.583	1.126	0.314	7.7	20.00
3690	40.2128	117.6971	116.2	436	TS6	0	0	0	0	54	55.2	2254	72	135	212	1.875	0.637	0.340	7.7	20.00
3691	40.2132	117.6970	118.2	431	TS6	0	0	0	0	71	55.1	2222	67	128	194	1.910	0.660	0.345	7.8	20.00
3692	40.2136	117.6969	118.9	426	TS6	0	0	0	0	68	54.9	2230	61	172	220	2.820	0.782	0.277	7.8	20.00
3693	40.2139	117.6968	117.4	425	TS6	0	0	0	0	72	54.9	2230	66	167	174	2.530	0.960	0.379	7.9	20.00
3694	40.2143	117.6968	114.9	418	TS6	0	0	0	0	63	54.7	2117	71	114	188	1.606	0.606	0.378	7.9	20.00
3695	40.2147	117.6967	115.7	415	TS6	0	0	0	0	64	54.6	2125	72	58	212	0.806	0.274	0.340	7.9	20.00
3696	40.2151	117.6966	113.7	415	TS6	0	0	0	0	61	54.6	2104	56	56	203	1.000	0.276	0.276	7.9	20.00
3697	40.2154	117.6965	114.5	415	TS6	0	0	0	0	65	54.6	2103	28	200	188	7.143	1.064	0.149	7.9	20.00
3698	40.2158	117.6964	114.7	414	TS6	0	0	0	0	66	54.6	2155	49	84	246	1.714	0.341	0.199	7.9	20.00
3699	40.2162	117.6963	113.9	407	TS6	0	0	0	0	69	54.3	2117	52	138	200	2.654	0.690	0.260	7.9	20.00
3700	40.2166	117.6962	116.5	407	TS6	0	0	0	0	60	54.3	2159	60	101	179	1.683	0.564	0.335	8.0	20.00
3701	40.2169	117.6961	116.9	402	TS6	0	0	0	0	62	54.2	2187	61	166	186	2.721	0.892	0.328	7.9	20.00
3702	40.2173	117.6961	118.9	399	TS6	0	0	0	0	65	54.1	2186	74	83	212	1.122	0.392	0.349	7.9	20.00
3703	40.2177	117.6960	119.2	395	TS6	0	0	0	0	58	54.0	2221	55	114	220	2.073	0.518	0.250	7.9	20.00
3704	40.2181	117.6959	118.7	392	TS6	0	0	0	0	70	53.9	2085	56	164	157	2.929	1.045	0.357	7.9	20.00
3705	40.2185	117.6958	118.0	395	TS6	0	0	0	0	55	59.9	2065	52	134	188	2.577	0.713	0.277	7.9	20.00
3706	40.2188	117.6957	117.0	396	TS6	0	0	0	0	68	59.9	2154	58	98	223	1.690	0.439	0.260	7.9	20.00
3707	40.2192	117.6956	116.6	400	TS6	0	0	0	0	58	60.1	2109	74	97	205	1.311	0.473	0.361	7.9	20.00
3708	40.2196	117.6955	114.1	398	TS6	0	0	0	0	78	60.0	2057	56	109	182	1.946	0.599	0.308	8.0	20.00
3709	40.2200	117.6954	112.3	399	TS6	0	0	0	0	60	60.0	2178	59	150	192	2.542	0.781	0.307	8.0	20.00
3710	40.2203	117.6954	108.9	404	TS6	0	0	0	0	56	60.2	2182	50	163	191	3.260	0.853	0.262	8.1	20.00
3711	40.2207	117.6953	106.5	409	TS6	0	0	0	0	62	60.4	2106	64	152	157	2.375	0.968	0.408	8.1	20.00
3712	40.2211	117.6952	103.5	413	TS6	0	0	0	0	64	60.5	2235	34	241	171	7.088	1.409	0.199	8.1	20.00
3713	40.2215	117.6951	103.1	416	TS6	0	0	0	0	69	60.6	2186	65	156	161	2.400	0.969	0.404	8.1	20.00
3714	40.2218	117.6950	98.2	428	TS6	0	0	0	0	61	61.1	2236	76	150	188	1.974	0.798	0.404	8.1	20.00
3715	40.2222	117.6949	96.1	436	TS6	0	0	0	0	63	61.3	2183	52	176	210	3.385	0.838	0.248	8.1	20.00
3716	40.2226	117.6948	90.1	440	TS6	0	0	0	0	62	61.4	2159	62	149	187	2.403	0.797	0.332	8.2	20.00
3717	40.2230	117.6947	90.4	439	TS6	0	0	0	0	62	61.4	2192	58	129	188	2.224	0.686	0.309	8.2	20.00
3718	40.2233	117.6947	91.0	427	TS6	0	0	0	0	60	61.0	2113	55	106	165	1.927	0.642	0.333	8.3	20.00
3719	40.2237	117.6946	88.7	411	TS6	0	0	0	0	60	60.9	2163	57	142	187	2.491	0.759	0.305	8.3	20.00
3720	40.2241	117.6945	90.9	407	TS6	0	0	0	0	68	60.3	2112	53	119	217	2.245	0.548	0.244	8.3	20.00
3721	40.2245	117.6944	91.7	402	TS6	0	0	0	0	66	60.2	2132	70	66	202	0.943	0.327	0.347	8.4	20.00
3722	40.2248	117.6943	93.2	400	TS6	0	0	0	0	69	60.1	2208	60	167	157	2.783	1.064	0.382	8.5	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3723	40.2252	117.6942	97.2	399	TS6	0	0	0	0	69	60.1	2067	58	137	146	2.362	0.938	0.397	8.5	20.00
3724	40.2256	117.6941	101.2	403	TS6	0	0	0	0	71	65.6	2096	37	120	236	3.243	0.508	0.157	8.6	20.00
3725	40.2260	117.6941	109.8	403	TS6	0	0	0	0	62	65.6	2077	59	107	162	1.814	0.660	0.364	8.6	20.00
3726	40.2263	117.6940	118.1	406	TS6	0	0	0	0	68	65.7	2129	55	104	223	1.891	0.466	0.247	8.7	20.00
3727	40.2267	117.6939	131.1	405	QAL	0	0	0	0	65	65.6	2048	42	121	208	2.881	0.582	0.202	8.7	20.00
3728	40.2271	117.6938	144.9	405	QAL	0	0	0	0	60	65.6	2037	79	87	181	1.101	0.481	0.436	8.7	20.00
3729	40.2275	117.6937	180.0	395	QAL	0	0	0	0	62	65.3	1984	61	117	193	1.918	0.606	0.316	8.7	20.00
3730	40.2278	117.6936	198.2	383	QAL	0	0	0	0	68	64.8	1993	48	166	122	3.458	1.361	0.393	8.7	20.00
3731	40.2282	117.6935	217.5	379	QAL	0	0	0	0	64	64.6	2013	46	130	181	2.826	0.718	0.254	8.8	20.00
3732	40.2286	117.6934	232.3	385	QAL	0	0	0	0	66	64.8	1988	57	98	203	1.719	0.483	0.281	8.9	20.00
3733	40.2290	117.6934	244.8	388	QAL	0	0	0	0	73	65.0	2019	62	88	201	1.419	0.438	0.308	8.9	20.00
3734	40.2293	117.6933	253.8	387	QAL	0	0	0	0	60	65.0	2077	60	144	142	2.400	1.014	0.423	8.9	20.00
3735	40.2297	117.6932	259.9	387	QAL	0	0	0	0	58	64.9	2127	47	149	175	3.170	0.851	0.269	8.9	20.00
3736	40.2301	117.6931	262.1	382	QAL	0	0	0	0	50	64.8	2082	52	128	173	2.462	0.740	0.301	8.9	20.00
3737	40.2305	117.6930	262.3	380	QAL	0	0	0	0	58	64.6	2036	70	63	200	0.900	0.315	0.350	8.9	20.00
3738	40.2309	117.6929	259.4	380	QAL	0	0	0	0	62	64.7	1945	53	119	172	2.245	0.692	0.308	8.8	20.00
3739	40.2312	117.6928	255.6	380	QAL	0	0	0	0	59	64.7	2058	67	95	229	1.418	0.415	0.293	8.9	20.00
3740	40.2316	117.6927	248.4	381	QAL	0	0	0	0	66	64.7	2081	49	104	223	2.122	0.466	0.220	8.9	20.00
3741	40.2320	117.6927	235.5	381	QAL	0	0	1	0	65	64.7	2001	77	24	184	0.312	0.130	0.418	8.9	20.00
3742	40.2324	117.6926	225.0	384	QAL	0	0	0	0	60	64.8	2029	67	84	209	1.254	0.402	0.321	8.9	20.00
3743	40.2327	117.6925	201.8	381	QAL	0	0	0	0	65	62.4	2047	62	157	136	2.532	1.154	0.456	8.9	20.00
3744	40.2331	117.6924	190.0	382	QAL	0	0	0	0	68	62.4	1985	45	121	180	2.689	0.672	0.250	8.9	20.00
3745	40.2335	117.6923	178.0	377	QAL	0	0	0	0	68	62.2	2036	70	61	200	0.871	0.305	0.350	8.9	20.00
3746	40.2339	117.6922	168.7	369	QAL	0	0	0	0	65	61.9	2123	57	113	201	1.982	0.562	0.284	8.9	20.00
3747	40.2345	117.6923	161.6	364	QAL	0	0	0	0	62	61.7	2013	55	122	205	2.218	0.595	0.268	9.0	20.00
3748	40.2352	117.6924	153.7	362	QAL	0	0	0	0	66	61.7	2029	65	104	188	1.600	0.553	0.346	9.1	20.00
3749	40.2359	117.6926	144.1	360	QAL	0	0	0	0	73	61.6	1995	76	39	197	0.513	0.198	0.386	9.1	20.00
3750	40.2365	117.6927	133.5	360	QAL	0	0	0	0	61	61.6	2095	62	111	202	1.790	0.550	0.307	9.1	20.00
3751	40.2372	117.6928	125.9	356	QAL	0	0	0	0	59	61.4	2031	57	61	230	1.070	0.265	0.248	9.1	20.00
3752	40.2379	117.6929	117.7	347	QAL	0	0	0	0	64	61.1	1984	59	109	177	1.847	0.616	0.333	9.1	20.00
3753	40.2386	117.6930	110.6	342	QAL	0	0	0	0	62	60.8	2103	74	102	208	1.378	0.490	0.356	9.2	20.00
3754	40.2392	117.6931	107.5	340	QAL	0	0	0	0	62	60.8	2034	84	129	157	1.536	0.822	0.535	9.2	20.00
3755	40.2399	117.6932	106.9	341	QAL	0	0	0	0	67	60.8	2017	36	181	193	5.028	0.938	0.187	9.2	20.00
3756	40.2406	117.6934	106.1	342	QAL	0	0	0	0	67	60.9	2087	56	186	179	3.321	1.039	0.313	9.3	20.00
3757	40.2412	117.6935	106.7	344	QAL	0	0	0	0	70	60.9	2225	54	145	209	2.685	0.694	0.258	9.3	20.00
3758	40.2419	117.6936	104.4	342	QAL	0	0	0	0	62	60.9	2136	58	125	196	2.155	0.638	0.296	9.3	20.00
3759	40.2426	117.6937	104.5	343	QAL	0	0	0	0	67	60.9	2221	49	97	258	1.980	0.376	0.190	9.3	20.00
3760	40.2432	117.6938	102.5	343	QAL	0	0	0	0	65	60.9	2248	70	107	206	1.529	0.519	0.340	9.3	20.00
3761	40.2439	117.6939	97.9	347	QAL	0	0	0	0	66	61.1	2350	77	143	155	1.857	0.923	0.497	9.3	20.00
3762	40.2446	117.6940	90.5	346	QAL	0	0	0	0	60	58.0	2137	64	104	185	1.625	0.562	0.346	9.3	20.00
3763	40.2453	117.6942	76.2	350	QAL	0	0	0	0	60	58.1	2099	75	109	159	1.453	0.686	0.472	9.4	20.00
3764	40.2459	117.6943	58.4	352	QAL	0	0	0	0	61	58.2	2096	66	131	194	1.985	0.675	0.340	9.4	20.00
3765	40.2466	117.6944	41.6	353	QAL	0	0	0	0	63	58.3	2117	46	137	214	2.978	0.640	0.215	9.4	20.00
3766	40.2473	117.6945	26.5	353	QAL	0	0	0	0	65	58.3	2248	65	59	219	0.908	0.269	0.297	9.4	20.00
3767	40.2479	117.6946	17.4	352	QAL	0	0	0	0	61	58.2	2231	57	113	224	1.982	0.504	0.254	9.4	20.00
3768	40.2486	117.6947	11.5	351	QAL	0	0	0	0	57	58.2	2214	66	141	181	2.136	0.779	0.365	9.4	20.00
3769	40.2493	117.6948	-4.9	350	QAL	0	0	0	0	64	58.2	2152	54	68	216	1.259	0.315	0.250	9.3	20.00
3770	40.2500	117.6949	-12.9	351	QAL	0	0	0	0	64	58.2	2224	58	139	166	2.397	0.837	0.349	9.3	20.00
3771	40.2506	117.6951	-21.7	357	QAL	0	0	0	0	63	58.4	2109	53	112	193	2.113	0.580	0.275	9.3	20.00
3772	40.2513	117.6952	-28.0	361	QAL	0	0	0	0	66	58.6	2135	63	59	206	0.937	0.286	0.306	9.2	20.00
3773	40.2520	117.6953	-35.8	366	QAL	0	0	0	0	59	58.8	2122	61	101	211	1.656	0.479	0.289	9.2	20.00
3774	40.2526	117.6954	-40.4	366	QAL	0	0	0	0	67	58.7	2161	74	150	155	2.027	0.968	0.477	9.2	20.00
3775	40.2533	117.6955	-51.0	371	QAL	0	0	0	0	72	58.9	2201	68	76	220	1.118	0.345	0.309	9.1	20.00
3776	40.2540	117.6956	-63.1	373	QAL	0	0	0	0	62	59.0	2196	56	154	161	2.750	0.957	0.348	9.1	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3777	40.2546	117.6957	-75.6	376	QAL	0	0	0	0	57	59.1	2101	67	149	144	2.224	1.035	0.465	9.1	20.00
3778	40.2553	117.6959	-85.4	381	QAL	0	0	0	0	66	59.3	2080	37	148	197	4.000	0.751	0.188	9.1	20.00
3779	40.2560	117.6960	-96.5	385	QAL	0	0	0	0	61	59.4	2068	67	60	215	0.896	0.279	0.312	9.2	20.00
3780	40.2567	117.6961	-108.8	386	QAL	0	0	0	0	62	59.5	2151	60	158	140	2.633	1.129	0.429	9.2	20.00
3781	40.2573	117.6962	-122.9	385	QAL	0	0	0	0	77	64.5	2111	26	167	186	6.423	0.898	0.140	9.2	20.00
3782	40.2580	117.6963	-140.0	388	QAL	0	0	0	0	61	64.6	2096	68	63	179	0.926	0.352	0.380	9.2	20.00
3783	40.2587	117.6964	-180.8	392	QAL	0	0	0	0	57	64.7	2248	54	168	196	3.111	0.857	0.276	9.2	20.00
3784	40.2593	117.6965	-200.1	402	QAL	0	0	0	0	61	65.1	2148	51	130	187	2.549	0.695	0.273	9.1	20.00
3785	40.2600	117.6967	-215.7	405	QAL	0	0	0	0	68	65.2	2146	44	146	211	3.318	0.692	0.209	9.1	20.00
3786	40.2607	117.6968	-228.0	405	QAL	0	0	0	0	66	65.2	2213	69	90	201	1.304	0.448	0.343	9.1	20.00
3787	40.2613	117.6969	-233.6	403	QAL	0	0	0	0	74	65.2	2125	69	119	165	1.725	0.721	0.418	9.1	20.00
3788	40.2620	117.6970	-235.2	401	QAL	0	0	0	0	72	65.1	2093	44	131	200	2.977	0.655	0.220	9.2	20.00
3789	40.2627	117.6971	-236.8	404	QAL	0	0	0	0	59	65.2	2219	60	74	211	1.233	0.351	0.284	9.3	20.00
3790	40.2634	117.6972	-239.6	408	QAL	0	0	0	0	62	65.3	2139	62	176	160	2.839	1.100	0.387	9.3	20.00
3791	40.2640	117.6973	-246.0	408	QAL	0	0	0	0	60	65.3	2132	70	103	174	1.471	0.592	0.402	9.3	20.00
3792	40.2647	117.6975	-257.5	417	QAL	0	0	0	0	74	65.7	2195	58	119	209	2.052	0.569	0.278	9.2	20.00
3793	40.2654	117.6976	-268.1	411	QAL	0	0	0	0	65	65.4	2085	65	110	173	1.692	0.636	0.376	9.3	20.00
3794	40.2660	117.6977	-274.2	407	QAL	0	0	0	0	66	65.3	2065	48	93	170	1.938	0.547	0.282	9.3	20.00
3795	40.2667	117.6978	-280.5	413	QAL	0	0	0	0	74	65.5	2131	51	82	225	1.608	0.364	0.227	9.3	20.00
3796	40.2674	117.6979	-293.8	417	QAL	0	0	0	0	58	65.7	2237	64	89	183	1.391	0.486	0.350	9.2	20.00
3797	40.2681	117.6980	-305.9	419	QAL	0	0	0	0	65	65.8	2123	58	67	196	1.155	0.342	0.296	9.2	20.00
3798	40.2687	117.6981	-321.2	422	QAL	0	0	0	0	68	65.9	2044	51	119	176	2.333	0.676	0.290	9.2	20.00
3799	40.2695	117.6981	-335.3	427	QAL	0	0	0	0	73	66.1	1942	44	75	202	1.705	0.371	0.218	9.2	20.00
3800	40.2702	117.6981	-350.5	428	QAL	0	0	1	0	66	63.6	1993	66	2	219	0.030	0.009	0.301	9.2	20.00
3801	40.2709	117.6981	-362.6	437	QAL	0	0	0	0	57	63.9	2012	40	150	154	3.750	0.974	0.260	9.2	20.00
3802	40.2716	117.6981	-369.4	451	QAL	0	0	0	0	69	64.4	1830	47	111	96	2.362	1.156	0.490	9.2	20.00
3803	40.2724	117.6981	-370.2	452	QAL	0	0	0	0	64	64.5	1713	35	102	142	2.914	0.718	0.246	9.1	20.00
3804	40.2731	117.6981	-366.8	438	QAL	0	0	0	0	58	64.0	1655	43	53	146	1.233	0.363	0.295	9.1	20.00
3805	40.2738	117.6980	-357.7	428	QAL	0	0	0	0	70	63.6	1644	41	35	157	0.854	0.223	0.261	9.2	20.00
3806	40.2745	117.6980	-351.5	419	QAL	0	0	0	0	68	63.3	1631	27	60	159	2.222	0.377	0.170	9.1	20.00
3807	40.2753	117.6980	-349.2	408	QAL	0	0	0	0	67	62.9	1613	28	77	145	2.750	0.531	0.193	9.1	20.00
3808	40.2760	117.6980	-351.2	402	QAL	0	0	0	0	64	62.7	1644	38	65	133	1.711	0.489	0.286	9.1	20.00
3809	40.2767	117.6980	-357.4	397	QAL	0	0	0	0	63	62.5	1640	33	97	115	2.939	0.843	0.287	9.0	20.00
3810	40.2774	117.6980	-377.5	396	PIPP	0	0	0	0	67	62.5	1666	37	69	136	1.865	0.507	0.272	8.9	20.00
3811	40.2782	117.6980	-421.2	394	PIPP	0	0	1	0	68	62.4	1741	50	11	156	0.220	0.071	0.321	8.9	20.00
3812	40.2789	117.6980	-474.6	395	PIPP	0	0	0	0	65	62.4	1729	40	43	163	1.075	0.264	0.245	8.8	20.00
3813	40.2796	117.6980	-525.7	403	PIPP	0	0	0	0	72	62.7	1741	48	49	122	1.021	0.402	0.393	8.7	20.00
3814	40.2803	117.6979	-562.5	410	PIPP	0	0	0	0	70	63.0	1767	40	81	132	2.025	0.614	0.303	8.7	20.00
3815	40.2811	117.6979	-591.3	422	PIPP	0	0	0	0	63	63.4	1611	30	107	120	3.567	0.892	0.250	8.6	20.00
3816	40.2818	117.6979	-608.9	436	PIPP	0	0	0	0	63	63.9	1619	40	32	163	0.800	0.196	0.245	8.6	20.00
3817	40.2825	117.6979	-619.6	456	PIPP	0	0	0	0	68	64.6	1795	32	63	150	1.969	0.420	0.213	8.5	20.00
3818	40.2832	117.6979	-616.7	465	PIPP	0	0	0	0	58	64.9	1731	37	27	128	0.730	0.211	0.289	8.5	20.00
3819	40.2840	117.6979	-607.4	459	PIPP	0	0	0	0	64	57.9	1667	49	70	127	1.429	0.551	0.386	8.4	20.00
3820	40.2847	117.6979	-595.5	467	PIPP	0	0	0	0	57	58.1	1685	30	96	143	3.200	0.671	0.210	8.5	20.00
3821	40.2854	117.6979	-579.5	482	PIPP	0	0	0	0	70	58.6	1608	60	28	106	0.467	0.264	0.566	8.4	20.00
3822	40.2861	117.6978	-558.1	489	PIPP	0	0	1	0	74	58.8	1717	47	-6	179	-0.128	-0.034	0.263	8.4	20.00
3823	40.2869	117.6978	-516.5	490	PIPP	0	0	1	0	60	58.8	1650	63	8	127	0.127	0.063	0.496	8.4	20.00
3824	40.2876	117.6978	-499.7	488	PIPP	0	0	0	0	69	58.8	1734	35	57	145	1.629	0.393	0.241	8.3	20.00
3825	40.2883	117.6978	-482.3	487	PIPP	0	0	0	0	68	58.7	1750	45	53	168	1.178	0.315	0.268	8.4	20.00
3826	40.2890	117.6978	-468.2	485	PIPP	0	0	0	0	71	58.7	1770	31	95	160	3.065	0.594	0.194	8.4	20.00
3827	40.2898	117.6978	-453.0	476	PIPP	0	0	0	0	65	58.4	1717	37	107	127	2.892	0.843	0.291	8.3	20.00
3828	40.2905	117.6978	-437.8	479	PIPP	0	0	0	0	69	58.5	1894	55	109	116	1.982	0.940	0.474	8.3	20.00
3829	40.2912	117.6978	-425.4	487	PIPP	0	0	0	0	63	58.7	1903	31	121	160	3.903	0.756	0.194	8.3	20.00
3830	40.2919	117.6977	-411.0	494	PIPP	0	0	0	0	57	58.9	1779	50	61	136	1.220	0.449	0.368	8.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3831	40.2927	117.6977	-401.7	495	PIPP	0	0	0	0	71	59.0	1760	37	60	175	1.622	0.343	0.211	8.2	20.00
3832	40.2934	117.6977	-393.0	498	PIPP	0	0	0	0	58	59.0	1824	39	87	137	2.231	0.635	0.285	8.2	20.00
3833	40.2941	117.6977	-388.2	497	PIPP	0	0	0	0	75	59.0	1769	30	70	142	2.333	0.493	0.211	8.1	20.00
3834	40.2949	117.6977	-381.6	497	PIPP	0	0	1	0	68	59.0	1671	53	-3	166	-0.057	-0.018	0.319	8.0	20.00
3835	40.2956	117.6977	-374.8	497	PIPP	0	0	0	0	68	59.0	1781	36	53	125	1.472	0.424	0.288	8.0	20.00
3836	40.2963	117.6977	-362.4	495	PIPP	0	0	0	0	65	58.9	1781	35	89	135	2.543	0.659	0.259	8.0	20.00
3837	40.2970	117.6977	-366.8	493	PIPP	0	0	0	0	67	58.9	1712	38	77	120	2.026	0.642	0.317	8.0	20.00
3838	40.2978	117.6976	-381.0	493	PIPP	0	0	0	0	68	51.5	1646	26	43	152	1.654	0.283	0.171	7.9	20.00
3839	40.2985	117.6976	-409.6	493	PIPP	0	0	0	0	65	51.5	1618	36	93	89	2.583	1.045	0.404	7.8	20.00
3840	40.2992	117.6976	-446.8	493	PIPP	0	0	0	0	74	51.5	1603	18	60	169	3.333	0.355	0.107	7.7	20.00
3841	40.2999	117.6976	-479.7	493	PIPP	0	0	0	0	72	51.5	1586	31	75	99	2.419	0.758	0.313	7.7	20.00
3842	40.3007	117.6976	-503.1	490	PIPP	0	0	0	0	66	51.4	1582	46	68	80	1.478	0.850	0.575	7.6	20.00
3843	40.3014	117.6976	-513.3	490	PIPP	0	0	0	0	69	51.4	1581	18	126	107	7.000	1.178	0.168	7.7	20.00
3844	40.3021	117.6976	-513.4	486	PIPP	0	0	0	0	61	51.3	1583	52	41	118	0.788	0.347	0.441	7.6	20.00
3845	40.3028	117.6976	-507.1	486	PIPP	0	0	0	0	63	51.3	1612	45	73	115	1.622	0.635	0.391	7.6	20.00
3846	40.3036	117.6975	-497.6	477	PIPP	0	0	0	0	70	51.1	1505	38	60	115	1.579	0.522	0.330	7.6	20.00
3847	40.3043	117.6975	-491.0	471	PIPP	0	0	0	0	71	50.9	1505	42	55	102	1.310	0.539	0.412	7.6	20.00
3848	40.3050	117.6975	-480.7	473	PIPP	0	0	0	0	71	51.0	1516	39	42	139	1.077	0.302	0.281	7.6	20.00
3849	40.3057	117.6975	-464.6	466	PIPP	0	0	0	0	68	50.8	1509	30	51	129	1.700	0.395	0.233	7.5	20.00
3850	40.3065	117.6975	-458.8	462	PIPP	0	0	0	0	66	50.7	1529	31	54	127	1.742	0.425	0.244	7.4	20.00
3851	40.3072	117.6975	-452.0	462	PIPP	0	0	0	0	69	50.7	1506	22	69	125	3.136	0.552	0.176	7.4	20.00
3852	40.3079	117.6975	-446.4	457	PIPP	0	0	0	0	63	50.5	1429	35	57	93	1.629	0.613	0.376	7.3	20.00
3853	40.3086	117.6975	-442.6	425	PIPP	0	0	0	0	73	49.7	1294	9	81	97	9.000	0.835	0.093	7.3	20.00
3854	40.3094	117.6975	-436.4	399	PIPP	0	0	0	0	60	48.9	1325	30	38	91	1.267	0.418	0.330	7.3	20.00
3855	40.3101	117.6974	-434.1	366	PIPP	0	0	0	0	73	48.0	1247	17	72	109	4.235	0.661	0.156	7.3	20.00
3856	40.3108	117.6974	-430.5	334	PIPP	0	0	0	0	70	47.0	1169	33	38	95	1.152	0.400	0.347	7.3	20.00
3857	40.3115	117.6974	-427.4	342	PIPP	0	0	0	0	73	52.2	1237	37	40	103	1.081	0.388	0.359	7.3	20.00
3858	40.3123	117.6974	-422.7	381	PIPP	0	0	1	0	70	53.5	1214	33	20	86	0.606	0.233	0.384	7.2	20.00
3859	40.3130	117.6974	-418.0	429	PIPP	0	0	0	0	66	55.0	1330	29	31	106	1.069	0.292	0.274	7.2	20.00
3860	40.3137	117.6974	-415.2	478	QAL	0	0	0	0	76	56.5	1348	22	38	102	1.727	0.373	0.216	7.2	20.00
3861	40.3144	117.6974	-415.0	491	QAL	0	0	1	0	64	56.9	1394	51	15	112	0.294	0.134	0.455	7.2	20.00
3862	40.3152	117.6974	-413.6	498	QAL	0	0	0	0	69	57.1	1397	23	47	106	2.043	0.443	0.217	7.2	20.00
3863	40.3159	117.6973	-409.5	496	QAL	0	0	0	0	67	57.0	1386	23	42	105	1.826	0.400	0.219	7.2	20.00
3864	40.3166	117.6973	-408.4	490	QAL	0	0	0	0	81	56.8	1448	26	47	96	1.808	0.490	0.271	7.2	20.00
3865	40.3173	117.6973	-406.4	484	QAL	0	0	0	0	75	56.7	1366	26	80	43	3.077	1.860	0.605	7.2	20.00
3866	40.3181	117.6973	-402.1	485	QAL	0	0	1	0	65	56.7	1348	25	18	107	0.720	0.168	0.234	7.2	20.00
3867	40.3188	117.6973	-399.2	490	QAL	0	0	0	0	84	56.8	1408	16	57	109	3.563	0.523	0.147	7.2	20.00
3868	40.3195	117.6973	-395.8	497	QAL	0	0	0	0	86	57.0	1469	33	27	120	0.818	0.225	0.275	7.2	20.00
3869	40.3203	117.6973	-392.9	496	QAL	0	0	1	0	76	57.0	1433	25	24	121	0.960	0.198	0.207	7.2	20.00
3870	40.3210	117.6973	-388.6	493	QAL	0	0	0	0	69	56.9	1404	29	27	92	0.931	0.293	0.315	7.2	20.00
3871	40.3217	117.6972	-387.3	483	QAL	0	0	0	0	66	56.6	1420	44	49	83	1.114	0.590	0.530	7.2	20.00
3872	40.3224	117.6972	-384.0	454	QAL	0	0	0	0	71	55.8	1276	24	48	87	2.000	0.552	0.276	7.1	20.00
3873	40.3232	117.6972	-385.0	441	QAL	0	0	0	0	66	55.4	1441	25	91	88	3.640	1.034	0.284	7.1	20.00
3874	40.3239	117.6972	-384.2	436	QAL	0	0	0	0	81	55.2	1343	35	26	121	0.743	0.215	0.289	7.1	20.00
3875	40.3246	117.6972	-388.3	434	QAL	0	0	0	0	74	55.2	1529	28	40	156	1.429	0.256	0.179	7.1	20.00
3876	40.3253	117.6972	-395.7	442	QAL	0	0	0	0	72	61.1	1558	42	80	89	1.905	0.899	0.472	7.0	20.00
3877	40.3261	117.6972	-396.4	459	QAL	0	0	0	0	83	61.7	1613	34	51	122	1.500	0.418	0.279	7.0	20.00
3878	40.3268	117.6972	-395.2	471	QAL	0	0	0	0	74	62.1	1658	32	53	110	1.656	0.482	0.291	7.0	20.00
3879	40.3275	117.6971	-392.3	455	QAL	0	0	0	0	63	61.6	1601	27	33	137	1.222	0.241	0.197	6.9	20.00
3880	40.3282	117.6971	-389.5	417	QAL	0	0	0	0	75	60.3	1524	28	58	120	2.071	0.483	0.233	6.9	20.00
3881	40.3290	117.6971	-389.3	365	QAL	0	0	0	0	70	58.5	1483	31	78	98	2.516	0.796	0.316	6.9	20.00
3882	40.3297	117.6971	-386.5	359	QAL	0	0	0	0	80	58.3	1484	29	44	140	1.517	0.314	0.207	6.9	20.00
3883	40.3304	117.6971	-384.2	387	QAL	0	0	0	0	64	59.2	1423	23	121	79	5.261	1.532	0.291	6.8	20.00
3884	40.3311	117.6971	-381.9	436	QAL	0	0	0	0	71	61.0	1503	31	40	143	1.290	0.280	0.217	6.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3885	40.3319	117.6971	-379.7	482	QAL	0	0	0	0	60	62.5	1633	36	89	137	2.472	0.650	0.263	6.9	20.00
3886	40.3326	117.6971	-375.8	487	QAL	0	0	0	0	71	62.6	1629	34	54	123	1.588	0.432	0.272	6.8	20.00
3887	40.3333	117.6970	-376.0	484	QAL	0	0	0	0	76	62.5	1683	29	86	148	2.966	0.581	0.196	6.8	20.00
3888	40.3340	117.6970	-375.4	452	QAL	0	0	0	0	58	61.5	1596	39	68	98	1.744	0.694	0.398	6.8	20.00
3889	40.3348	117.6970	-372.3	422	QAL	0	0	0	0	64	60.5	1513	28	77	113	2.750	0.681	0.248	6.8	20.00
3890	40.3355	117.6970	-367.6	409	QAL	0	0	0	0	70	60.0	1558	35	52	143	1.486	0.364	0.245	6.8	20.00
3891	40.3362	117.6970	-365.8	432	QAL	0	0	0	0	77	60.8	1583	42	54	100	1.286	0.540	0.420	6.9	20.00
3892	40.3369	117.6970	-363.0	455	QAL	0	0	0	0	77	61.6	1674	35	81	119	2.314	0.681	0.294	6.8	20.00
3893	40.3377	117.6970	-361.0	475	QAL	0	0	0	0	74	62.3	1709	33	64	165	1.939	0.388	0.200	6.8	20.00
3894	40.3384	117.6970	-356.3	487	QAL	0	0	0	0	67	62.6	1774	43	34	159	0.791	0.214	0.270	6.8	20.00
3895	40.3391	117.6969	-353.1	493	QAL	0	0	0	0	69	60.2	1731	49	91	81	1.857	1.123	0.605	6.7	20.00
3896	40.3398	117.6969	-350.2	498	QAL	0	0	0	0	75	60.3	1615	29	77	121	2.655	0.636	0.240	6.7	20.00
3897	40.3406	117.6969	-344.4	498	QAL	0	0	0	0	64	60.3	1600	38	35	116	0.921	0.302	0.328	6.6	20.00
3898	40.3413	117.6969	-343.3	495	QAL	0	0	0	0	71	60.3	1630	33	68	94	2.061	0.723	0.351	6.6	20.00
3899	40.3420	117.6969	-340.5	494	PIPP	0	0	0	0	73	60.2	1657	30	37	141	1.233	0.262	0.213	6.6	20.00
3900	40.3427	117.6969	-337.4	491	PIPP	0	0	0	0	72	60.1	1525	15	72	154	4.800	0.468	0.097	6.6	20.00
3901	40.3435	117.6969	-336.2	477	PIPP	0	0	0	0	68	59.7	1576	26	27	182	1.038	0.148	0.143	6.6	20.00
3902	40.3442	117.6969	-331.6	468	PIPP	0	0	0	0	75	59.4	1656	37	70	140	1.892	0.500	0.264	6.7	20.00
3903	40.3449	117.6969	-326.9	483	PIPP	0	0	0	0	69	59.9	1773	46	101	127	2.196	0.795	0.362	6.7	20.00
3904	40.3457	117.6968	-325.6	456	PIPP	0	0	0	0	70	59.0	1691	42	39	164	0.929	0.238	0.256	6.7	20.00
3905	40.3464	117.6968	-325.2	400	PIPP	0	0	0	0	69	57.2	1605	39	75	90	1.923	0.833	0.433	6.6	20.00
3906	40.3471	117.6968	-324.5	379	PIPP	0	0	0	0	80	56.5	1627	57	59	98	1.035	0.602	0.582	6.6	20.00
3907	40.3478	117.6968	-325.5	398	PIPP	0	0	0	0	69	57.1	1687	44	76	102	1.727	0.745	0.431	6.5	20.00
3908	40.3486	117.6968	-326.8	440	PIPP	0	0	0	0	72	58.5	1722	29	73	145	2.517	0.503	0.200	6.6	20.00
3909	40.3493	117.6968	-324.9	480	PIPP	0	0	0	0	71	59.8	2023	61	111	144	1.820	0.771	0.424	6.7	20.00
3910	40.3500	117.6968	-324.9	493	PIPP	0	0	0	0	75	60.2	1989	59	80	145	1.356	0.552	0.407	6.7	20.00
3911	40.3507	117.6968	-324.8	493	PIPP	0	0	1	0	72	60.2	1897	83	10	158	0.120	0.063	0.525	6.7	20.00
3912	40.3515	117.6967	-322.8	487	PIPP	0	0	0	0	75	60.0	2008	52	123	142	2.365	0.866	0.366	6.7	20.00
3913	40.3522	117.6967	-323.0	452	PIPP	0	0	0	0	76	58.9	1978	54	66	197	1.222	0.335	0.274	6.8	20.00
3914	40.3529	117.6967	-320.9	414	PIPP	0	0	0	0	75	60.4	1997	83	73	109	0.880	0.670	0.761	6.8	20.00
3915	40.3536	117.6967	-318.3	418	PIPP	0	0	0	0	73	60.5	1885	58	57	176	0.983	0.324	0.330	6.8	20.00
3916	40.3544	117.6967	-314.0	444	PIPP	0	0	0	0	67	61.4	1910	57	126	134	2.211	0.940	0.425	6.8	20.00
3917	40.3551	117.6967	-310.4	470	PIPP	0	0	0	0	69	62.3	2041	65	97	138	1.492	0.703	0.471	6.8	20.00
3918	40.3558	117.6967	-306.4	488	PIPP	0	0	0	0	75	62.8	2006	85	51	125	0.600	0.408	0.680	6.8	20.00
3919	40.3565	117.6967	-304.8	492	PIPP	0	0	0	0	61	63.0	1998	62	60	190	0.968	0.316	0.326	6.9	20.00
3920	40.3573	117.6966	-300.9	493	PIPP	0	0	0	0	71	63.0	1909	59	52	115	0.881	0.452	0.513	6.9	20.00
3921	40.3580	117.6966	-297.8	496	PIPP	0	0	0	0	73	63.1	1901	71	89	102	1.254	0.873	0.696	6.9	20.00
3922	40.3587	117.6966	-296.4	497	PIPP	0	0	0	0	73	63.1	2011	50	169	86	3.380	1.965	0.581	6.9	20.00
3923	40.3594	117.6966	-293.9	490	PIPP	0	0	0	0	71	62.9	1882	71	49	130	0.690	0.377	0.546	6.9	20.00
3924	40.3602	117.6966	-292.1	486	PIPP	0	0	1	0	75	62.8	1878	49	5	208	0.102	0.024	0.236	6.9	20.00
3925	40.3609	117.6966	-286.5	486	PIPP	0	0	0	0	83	62.8	1851	54	105	136	1.944	0.772	0.397	6.9	20.00
3926	40.3616	117.6966	-285.4	484	PIPP	0	0	0	0	73	62.7	1892	40	119	141	2.975	0.844	0.284	6.9	20.00
3927	40.3623	117.6966	-279.4	467	PIPP	0	0	0	0	65	62.2	1891	56	143	97	2.554	1.474	0.577	6.9	20.00
3928	40.3631	117.6965	-274.5	472	PIPP	0	0	0	0	77	62.3	1894	59	84	119	1.424	0.706	0.496	7.0	20.00
3929	40.3638	117.6965	-266.1	481	PIPP	0	0	0	0	78	62.6	1995	61	64	161	1.049	0.398	0.379	7.0	20.00
3930	40.3645	117.6965	-262.0	485	PIPP	0	0	0	0	61	62.7	1976	50	121	129	2.420	0.938	0.388	7.0	20.00
3931	40.3652	117.6965	-257.6	488	PIPP	0	0	0	0	69	62.8	1892	37	144	154	3.892	0.935	0.240	7.0	20.00
3932	40.3660	117.6965	-252.0	489	PIPP	0	0	0	0	67	62.9	1939	53	108	141	2.038	0.766	0.376	7.0	20.00
3933	40.3667	117.6965	-246.4	489	PIPP	0	0	0	0	65	66.3	2082	50	111	157	2.220	0.707	0.318	7.0	20.00
3934	40.3674	117.6965	-238.3	487	PIPP	0	0	0	0	68	66.2	1943	46	70	194	1.522	0.361	0.237	7.0	20.00
3935	40.3682	117.6965	-230.9	466	TRMP	0	0	0	0	63	65.2	1968	44	106	148	2.409	0.716	0.297	7.0	20.00
3936	40.3689	117.6964	-224.0	446	TRMP	0	0	0	0	66	64.8	1961	61	165	73	2.705	2.260	0.836	7.1	20.00
3937	40.3696	117.6964	-215.0	466	TRMP	0	0	0	0	72	65.5	1865	34	122	166	3.588	0.735	0.205	7.1	20.00
3938	40.3703	117.6964	-207.5	484	TRMP	0	0	0	0	71	66.1	1938	53	72	170	1.358	0.424	0.312	7.1	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3939	40.3711	117.6964	-203.3	485	TRMP	0	0	0	0	64	66.1	1890	44	168	79	3.818	2.127	0.557	7.1	20.00
3940	40.3718	117.6964	-198.7	484	TRMP	0	0	0	0	74	66.1	1680	53	46	133	0.868	0.346	0.398	7.1	20.00
3941	40.3725	117.6964	-198.2	478	TRMP	0	0	0	0	65	65.9	1820	39	124	124	3.179	1.000	0.315	7.2	20.00
3942	40.3732	117.6964	-199.0	459	TRMP	0	0	0	0	60	65.2	1695	29	29	208	1.000	0.139	0.139	7.1	20.00
3943	40.3740	117.6964	-205.8	441	TRMP	0	0	0	0	69	64.6	1661	42	90	132	2.143	0.682	0.318	7.2	20.00
3944	40.3747	117.6963	-211.9	425	TRMP	0	0	0	0	63	64.0	1627	28	97	112	3.464	0.866	0.250	7.3	20.00
3945	40.3754	117.6963	-216.4	411	TRMP	0	0	1	0	73	63.5	1692	62	-35	178	-0.565	-0.197	0.348	7.3	20.00
3946	40.3761	117.6963	-222.8	406	TRMP	0	0	0	0	66	63.3	1601	41	53	122	1.293	0.434	0.336	7.3	20.00
3947	40.3769	117.6963	-232.5	403	TRMP	0	0	0	0	73	63.2	1707	58	39	159	0.672	0.245	0.365	7.3	20.00
3948	40.3776	117.6963	-237.4	397	TRMP	0	0	0	0	78	63.0	1757	34	49	208	1.441	0.236	0.163	7.4	20.00
3949	40.3783	117.6963	-243.0	406	TRMP	0	0	0	0	58	63.4	1727	50	39	166	0.780	0.235	0.301	7.4	20.00
3950	40.3790	117.6963	-246.2	425	TRMP	0	0	0	0	77	64.0	1734	39	98	135	2.513	0.726	0.289	7.4	20.00
3951	40.3798	117.6963	-246.2	420	TRMP	0	0	0	0	74	63.8	1725	50	51	154	1.020	0.331	0.325	7.5	20.00
3952	40.3805	117.6963	-246.2	411	TRMP	0	0	0	0	66	66.2	1714	48	68	135	1.417	0.504	0.356	7.5	20.00
3953	40.3812	117.6962	-243.9	407	TRMP	0	0	0	0	74	66.1	1727	45	80	152	1.778	0.526	0.296	7.5	20.00
3954	40.3819	117.6962	-244.3	409	TRMP	0	0	0	0	66	66.1	1805	55	91	160	1.655	0.569	0.344	7.6	20.00
3955	40.3827	117.6962	-243.1	419	TRMP	0	0	0	0	66	66.5	1727	36	76	167	2.111	0.455	0.216	7.6	20.00
3956	40.3834	117.6962	-247.3	436	TRMP	0	0	0	0	74	67.2	1882	38	116	170	3.053	0.682	0.224	7.6	20.00
3957	40.3841	117.6962	-247.4	439	TRMP	0	0	0	0	62	67.3	1839	39	109	142	2.795	0.768	0.275	7.6	20.00
3958	40.3848	117.6962	-244.6	440	TRMP	0	0	0	0	61	67.3	1836	59	59	124	1.000	0.476	0.476	7.6	20.00
3959	40.3856	117.6962	-241.0	438	TRMP	0	0	0	0	65	67.2	1802	40	62	171	1.550	0.363	0.234	7.5	20.00
3960	40.3863	117.6962	-239.6	419	TRMP	0	0	1	0	76	66.5	1791	50	20	182	0.400	0.110	0.275	7.5	20.00
3961	40.3870	117.6961	-235.6	404	TRMP	0	0	0	0	71	65.9	1789	43	68	155	1.581	0.439	0.277	7.5	20.00
3962	40.3877	117.6961	-234.0	407	TRMP	0	0	0	0	61	66.1	1850	54	65	149	1.204	0.436	0.362	7.5	20.00
3963	40.3885	117.6961	-232.0	421	TRMP	0	0	0	0	56	66.6	1823	48	59	190	1.229	0.311	0.253	7.4	20.00
3964	40.3892	117.6961	-226.8	439	TRMP	0	0	0	0	71	67.3	1808	50	76	125	1.520	0.608	0.400	7.4	20.00
3965	40.3899	117.6961	-219.8	451	TRMP	0	0	0	0	68	67.7	1851	32	102	119	3.188	0.857	0.269	7.4	20.00
3966	40.3906	117.6961	-215.9	460	TRMP	0	0	0	0	73	68.0	1812	38	28	194	0.737	0.144	0.196	7.3	20.00
3967	40.3914	117.6961	-211.6	457	QAL	0	0	0	0	68	67.9	1797	45	93	149	2.067	0.624	0.302	7.3	20.00
3968	40.3921	117.6961	-205.6	441	QAL	0	0	0	0	62	67.3	1864	50	102	133	2.040	0.767	0.376	7.3	20.00
3969	40.3928	117.6960	-204.6	428	QAL	0	0	0	0	67	66.8	1846	44	32	194	0.727	0.165	0.227	7.2	20.00
3970	40.3936	117.6960	-205.3	419	QAL	0	0	0	0	63	66.5	1865	42	114	152	2.714	0.750	0.276	7.2	20.00
3971	40.3943	117.6960	-207.8	413	QAL	0	0	0	0	66	57.5	1798	48	79	186	1.646	0.425	0.258	7.2	20.00
3972	40.3950	117.6960	-208.5	400	QAL	0	0	0	0	71	57.1	1780	45	126	147	2.800	0.857	0.306	7.2	20.00
3973	40.3953	117.6960	-212.8	392	QAL	0	0	0	0	66	56.8	1823	56	51	180	0.911	0.283	0.311	7.3	20.00
3974	40.3957	117.6960	-215.3	383	QAL	0	0	0	0	72	56.5	1851	49	99	149	2.020	0.664	0.329	7.3	20.00
3975	40.3960	117.6960	-221.2	381	QAL	0	0	0	0	67	56.4	1783	46	87	160	1.891	0.544	0.288	7.3	20.00
3976	40.3964	117.6960	-227.4	387	QAL	0	0	0	0	74	56.6	1769	39	102	160	2.615	0.638	0.244	7.3	20.00
3977	40.3967	117.6961	-230.8	392	QAL	0	0	0	0	53	56.8	1730	49	66	184	1.347	0.359	0.266	7.3	20.00
3978	40.3971	117.6961	-233.4	398	QAL	0	0	0	0	73	57.0	1646	49	115	109	2.396	1.055	0.440	7.4	20.00
3979	40.3974	117.6961	-236.5	405	QAL	0	0	0	0	71	57.2	1708	48	68	149	1.417	0.456	0.322	7.4	20.00
3980	40.3977	117.6961	-235.5	400	QTB2	0	0	1	0	67	57.1	1619	52	21	167	0.404	0.126	0.311	7.3	20.00
3981	40.3981	117.6961	-237.8	389	QTB2	0	0	0	0	64	56.7	1530	15	93	168	6.200	0.554	0.089	7.3	20.00
3982	40.3984	117.6961	-235.4	371	QTB2	0	0	0	0	67	56.1	1435	27	106	105	3.926	1.010	0.257	7.4	20.00
3983	40.3988	117.6961	-233.6	359	QTB2	0	0	0	0	73	55.7	1537	24	111	110	4.625	1.009	0.218	7.4	20.00
3984	40.3991	117.6961	-231.9	353	QTB2	0	0	0	0	65	55.5	1549	37	75	120	2.027	0.625	0.308	7.4	20.00
3985	40.3994	117.6961	-231.4	370	QTB2	0	0	0	0	71	56.0	1505	29	117	98	4.034	1.194	0.296	7.4	20.00
3986	40.3998	117.6961	-230.9	396	QTB2	0	0	0	0	75	56.9	1617	23	115	83	5.000	1.386	0.277	7.3	20.00
3987	40.4001	117.6961	-230.2	411	QTB2	0	0	0	0	72	57.4	1612	34	94	140	2.765	0.671	0.243	7.3	20.00
3988	40.4005	117.6961	-228.4	413	QTB2	0	0	0	0	68	57.5	1583	25	108	100	4.320	1.080	0.250	7.3	20.00
3989	40.4008	117.6962	-229.1	412	QTB2	0	0	0	0	78	57.5	1543	35	107	101	3.057	1.059	0.347	7.3	20.00
3990	40.4011	117.6962	-229.0	409	QTB2	0	0	0	0	67	51.6	1580	33	119	112	3.606	1.063	0.295	7.3	20.00
3991	40.4015	117.6962	-228.5	401	QTB2	0	0	0	0	56	51.4	1595	49	42	112	0.857	0.375	0.438	7.2	20.00
3992	40.4018	117.6962	-228.3	396	QTB2	0	0	0	0	67	51.2	1468	26	135	88	5.192	1.534	0.295	7.3	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3993	40.4022	117.6962	-229.2	390	QTB2	0	0	0	0	74	51.0	1516	19	150	77	7.895	1.948	0.247	7.3	20.00
3994	40.4025	117.6962	-226.8	371	QTB2	0	0	0	0	74	50.5	1552	20	135	89	6.750	1.517	0.225	7.2	20.00
3995	40.4029	117.6962	-227.2	348	QTB2	0	0	0	0	55	49.7	1407	23	88	97	3.826	0.907	0.237	7.1	20.00
3996	40.4032	117.6962	-224.5	340	QTB2	0	0	0	0	65	49.5	1446	28	109	88	3.893	1.239	0.318	7.2	20.00
3997	40.4035	117.6962	-224.2	366	QTB2	0	0	0	0	72	50.3	1350	37	49	91	1.324	0.538	0.407	7.1	20.00
3998	40.4039	117.6962	-223.5	411	QTB2	0	0	0	0	68	51.7	1481	34	54	152	1.588	0.355	0.224	7.1	20.00
3999	40.4042	117.6962	-222.9	452	QTB2	0	0	0	0	74	52.9	1516	36	65	94	1.806	0.691	0.383	7.1	20.00
4000	40.4046	117.6963	-222.8	482	QTB2	0	0	0	0	64	53.7	1415	15	135	46	9.000	2.935	0.326	7.1	20.00
4001	40.4049	117.6963	-222.4	490	QTB2	0	0	0	0	58	54.0	1384	28	67	57	2.393	1.175	0.491	7.0	20.00
4002	40.4052	117.6963	-221.1	495	QTB2	0	0	0	0	69	54.1	1388	27	28	101	1.037	0.277	0.267	7.0	20.00
4003	40.4056	117.6963	-220.5	499	QTB2	0	0	0	0	67	54.2	1407	28	51	95	1.821	0.537	0.295	7.0	20.00
4004	40.4059	117.6963	-222.0	521	QTB2	0	0	0	0	70	54.8	1321	33	34	89	1.030	0.382	0.371	7.0	20.00
4005	40.4063	117.6963	-220.1	524	QTB2	0	0	0	0	62	54.9	1263	25	60	60	2.400	1.000	0.417	7.0	20.00
4006	40.4066	117.6963	-220.1	521	QTB2	0	0	0	0	75	54.8	1351	20	38	75	1.900	0.507	0.267	7.0	20.00
4007	40.4070	117.6963	-220.7	506	QTB2	0	0	0	1	69	54.4	1259	6	48	96	8.000	0.500	0.063	7.0	20.00
4008	40.4073	117.6963	-219.9	498	QTB2	0	0	1	0	67	54.2	1059	21	18	61	0.857	0.295	0.344	7.0	20.00
4009	40.4076	117.6963	-219.1	494	QTB2	0	0	0	0	65	50.1	1166	28	40	66	1.429	0.606	0.424	7.0	20.00
4010	40.4080	117.6963	-216.8	492	QTB2	0	0	0	1	75	50.0	1199	3	91	51	30.333	1.784	0.059	7.1	20.00
4011	40.4083	117.6964	-217.0	488	QTB2	0	0	0	0	75	49.9	1211	40	34	21	0.850	1.619	1.905	7.0	20.00
4012	40.4087	117.6964	-217.2	485	QTB2	0	0	0	0	62	49.9	1157	9	63	90	7.000	0.700	0.100	7.0	20.00
4013	40.4090	117.6964	-217.5	481	QTB2	0	0	0	0	71	49.8	1181	12	78	43	6.500	1.814	0.279	7.0	20.00
4014	40.4093	117.6964	-215.9	481	QTB2	0	0	0	0	69	49.8	1270	14	59	98	4.214	0.602	0.143	7.0	20.00
4015	40.4097	117.6964	-216.3	480	QTB2	0	0	0	0	68	49.7	1168	20	53	61	2.650	0.869	0.328	7.0	20.00
4016	40.4100	117.6964	-216.2	458	QTB2	0	0	0	0	68	49.2	1181	17	97	20	5.706	4.850	0.850	7.0	20.00
4017	40.4104	117.6964	-217.1	427	QTB2	0	0	0	1	63	48.3	1196	5	118	42	23.600	2.810	0.119	7.0	20.00
4018	40.4107	117.6964	-217.1	418	QTB2	0	0	0	0	72	48.1	1238	13	139	43	10.692	3.233	0.302	7.0	20.00
4019	40.4110	117.6964	-217.0	430	QTB2	0	0	0	0	71	48.4	1227	21	94	55	4.476	1.709	0.382	7.1	20.00
4020	40.4114	117.6964	-219.2	452	QTB2	0	0	0	0	67	49.0	1363	25	69	71	2.760	0.972	0.352	7.0	20.00
4021	40.4117	117.6964	-221.3	438	QTB2	0	0	0	0	73	48.6	1270	10	147	29	14.700	5.069	0.345	7.0	20.00
4022	40.4121	117.6964	-222.9	414	QTB2	0	0	0	0	74	48.0	1361	16	111	55	6.938	2.018	0.291	7.0	20.00
4023	40.4124	117.6965	-223.1	416	QTB2	0	0	0	0	71	48.0	1353	11	117	72	10.636	1.625	0.153	7.0	20.00
4024	40.4128	117.6965	-224.4	428	QTB2	0	0	0	0	71	48.3	1349	23	88	72	3.826	1.222	0.319	7.0	20.00
4025	40.4131	117.6965	-227.3	409	QTB2	0	0	0	0	71	47.8	1356	13	114	51	8.769	2.235	0.255	7.0	20.00
4026	40.4134	117.6965	-228.9	382	QTB2	0	0	0	0	72	47.1	1282	19	67	75	3.526	0.893	0.253	7.0	20.00
4027	40.4138	117.6965	-230.7	372	QTB2	0	0	0	0	74	46.8	1226	7	79	79	11.286	1.000	0.089	7.0	20.00
4028	40.4141	117.6965	-234.2	362	QTB2	0	0	0	0	74	46.5	1247	24	84	76	3.500	1.105	0.316	7.0	20.00
4029	40.4145	117.6965	-234.2	354	QTB2	0	0	0	0	71	46.2	1249	25	101	68	4.040	1.485	0.368	7.0	20.00
4030	40.4148	117.6965	-235.1	360	QTB2	0	0	0	0	67	46.4	1199	19	78	79	4.105	0.987	0.241	7.0	20.00
4031	40.4151	117.6965	-236.6	388	QTB2	0	0	0	0	75	47.2	1297	15	135	62	9.000	2.177	0.242	7.0	20.00
4032	40.4155	117.6965	-238.1	439	QTB2	0	0	0	0	74	48.6	1405	23	106	85	4.609	1.247	0.271	7.1	20.00
4033	40.4158	117.6965	-240.6	483	QTB2	0	0	0	0	73	49.8	1464	17	97	121	5.706	0.802	0.140	7.1	20.00
4034	40.4162	117.6966	-239.7	495	QTB2	0	0	0	0	71	50.1	1550	33	118	57	3.576	2.070	0.579	7.1	20.00
4035	40.4165	117.6966	-239.9	497	QTB2	0	0	0	0	73	50.1	1550	36	67	114	1.861	0.588	0.316	7.1	20.00
4036	40.4169	117.6966	-234.9	494	QTB2	0	0	0	0	68	50.1	1586	59	100	46	1.695	2.174	1.283	7.1	20.00
4037	40.4172	117.6966	-232.1	491	QTB2	0	0	0	0	69	50.0	1529	41	91	87	2.220	1.046	0.471	7.2	20.00
4038	40.4175	117.6966	-223.5	489	QTB2	0	0	0	0	65	49.9	1622	27	86	129	3.185	0.667	0.209	7.2	20.00
4039	40.4179	117.6966	-216.4	490	QTB2	0	0	0	0	62	50.0	1639	32	82	115	2.563	0.713	0.278	7.2	20.00
4040	40.4182	117.6966	-214.4	490	QTB2	0	0	0	0	74	50.0	1699	46	54	89	1.174	0.607	0.517	7.2	20.00
4041	40.4186	117.6966	-207.8	488	QTB2	0	0	0	0	71	49.9	1777	28	146	122	5.214	1.197	0.230	7.2	20.00
4042	40.4189	117.6966	-208.3	487	QTB2	0	0	0	0	70	49.9	1767	36	78	172	2.167	0.453	0.209	7.3	20.00
4043	40.4192	117.6966	-211.2	485	QTB2	0	0	0	0	70	49.8	1921	30	89	197	2.967	0.452	0.152	7.2	20.00
4044	40.4196	117.6966	-216.5	481	QTB2	0	0	0	0	70	49.7	1908	58	93	162	1.603	0.574	0.358	7.2	20.00
4045	40.4199	117.6967	-223.2	476	QTB2	0	0	1	0	70	49.6	1890	84	21	137	0.250	0.153	0.613	7.2	20.00
4046	40.4203	117.6967	-229.4	475	QTB2	0	0	0	0	75	49.6	1791	49	98	151	2.000	0.649	0.325	7.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	IL	BI	K	BI:IL	BI:K	IL:K	TEMP	BP
4047	40.4206	117.6967	-232.8	472	QTB2	0	0	0	0	66	44.5	1836	46	85	140	1.848	0.607	0.329	7.2	20.00
4048	40.4210	117.6967	-233.1	467	QTB2	0	0	0	0	70	44.3	1793	49	102	138	2.082	0.739	0.355	7.3	20.00
4049	40.4213	117.6967	-233.5	461	QTB2	0	0	0	0	70	44.2	1817	56	98	164	1.750	0.598	0.341	7.3	20.00
4050	40.4216	117.6967	-242.2	463	QTB2	0	0	0	0	68	44.3	1861	44	114	161	2.591	0.708	0.273	7.3	20.00
4051	40.4220	117.6967	-249.1	466	QTB2	0	0	1	0	67	44.3	1761	76	28	148	0.368	0.189	0.514	7.3	20.00
4052	40.4223	117.6967	-25[illegible].0	468	QTB2	0	0	0	0	65	44.4	1831	42	82	159	1.952	0.516	0.264	7.4	20.00
4053	40.4227	117.6967	-259.2	470	QTB2	0	0	0	0	62	44.4	1790	42	135	148	3.214	0.912	0.284	7.4	20.00
4054	40.4230	117.6967	-264.9	471	QTB2	0	0	0	0	72	44.4	1867	36	115	153	3.194	0.752	0.235	7.4	20.00
4055	40.4233	117.6967	-273.8	476	QTB2	0	0	0	0	66	44.5	1786	44	107	150	2.432	0.713	0.293	7.4	20.00
4056	40.4237	117.6967	-284.3	465	QTB2	0	0	0	0	71	44.3	1741	32	121	157	3.781	0.771	0.204	7.4	20.00
4057	40.4240	117.6968	-294.1	451	QTB2	0	0	0	0	68	44.0	1731	26	134	152	5.154	0.882	0.171	7.5	20.00
4058	40.4244	117.6968	-300.0	453	QTB2	0	0	0	0	72	44.0	1846	40	140	152	3.500	0.921	0.263	7.5	20.00
4059	40.4247	117.6968	-306.3	447	QTB2	0	0	0	0	68	43.9	1900	50	137	127	2.740	1.079	0.394	7.5	20.00
4060	40.4250	117.6968	-305.1	430	QTB2	0	0	0	0	65	43.4	1856	50	77	176	1.540	0.438	0.284	7.5	20.00
4061	40.4254	117.6968	-300.1	419	QTB2	0	0	0	0	69	43.2	1824	43	105	139	2.442	0.755	0.309	7.5	20.00
4062	40.4257	117.6968	-291.6	409	QTB2	0	0	0	0	66	43.0	1825	42	182	122	4.333	1.492	0.344	7.5	20.00
4063	40.4261	117.6968	-264.2	399	QTB2	0	0	0	0	67	42.7	1780	59	43	155	0.729	0.277	0.381	7.6	20.00
4064	40.4264	117.6968	-253.4	392	QTB2	0	0	0	0	72	42.5	1787	69	50	127	0.725	0.394	0.543	7.6	20.00
4065	40.4268	117.6968	-245.8	389	QTB2	0	0	0	0	75	42.4	1904	55	102	159	1.855	0.642	0.346	7.7	20.00
4066	40.4271	117.6968	-242.3	382	QTB2	0	0	0	0	52	46.4	1839	65	74	183	1.138	0.404	0.355	7.7	20.00
4067	40.4274	117.6968	-245.8	377	QTB2	0	0	0	0	67	46.2	1708	56	52	165	0.929	0.315	0.339	7.7	20.00
4068	40.4278	117.6969	-249.2	377	QTB2	0	0	0	0	69	46.2	1790	41	99	199	2.415	0.497	0.206	7.8	20.00
4069	40.4281	117.6969	-250.9	378	QTB2	0	0	0	0	66	46.2	1774	46	34	177	0.739	0.192	0.260	7.8	20.00
4070	40.4285	117.6969	-246.0	384	QTB2	0	0	0	0	76	46.4	1709	36	104	149	2.889	0.698	0.242	7.8	20.00
4071	40.4288	117.6969	-234.0	387	QTB2	0	0	0	0	67	46.5	1771	39	61	228	1.564	0.268	0.171	7.9	20.00
4072	40.4291	117.6969	-209.4	389	QTB2	0	0	0	0	67	46.6	1752	60	36	162	0.600	0.222	0.370	7.9	20.00
4073	40.4295	117.6969	-174.3	392	QTB2	0	0	0	0	67	46.6	1748	47	78	162	1.660	0.481	0.290	7.9	20.00
4074	40.4298	117.6969	-142.9	396	QTB2	0	0	0	0	64	46.8	1797	66	133	97	2.015	1.371	0.680	7.9	20.00
4075	40.4302	117.6969	-118.2	389	QAL	0	0	0	0	72	46.6	1738	55	49	167	0.891	0.293	0.329	7.9	20.00
4076	40.4305	117.6969	-97.4	390	QAL	0	0	0	0	74	46.6	1844	50	94	143	1.880	0.657	0.350	7.9	20.00
4077	40.4309	117.6969	-93.8	390	QAL	0	0	0	0	63	46.6	1799	43	100	172	2.326	0.581	0.250	7.9	20.00
4078	40.4312	117.6969	-97.7	390	QAL	0	0	0	0	62	46.6	1810	50	73	176	1.460	0.415	0.284	7.9	20.00
4079	40.4315	117.6969	-103.4	396	QAL	0	0	0	0	66	46.8	1805	51	95	153	1.863	0.621	0.333	7.9	20.00
4080	40.4319	117.6970	-110.5	408	QAL	0	0	0	0	65	47.1	1825	45	89	148	1.978	0.601	0.304	7.9	20.00
4081	40.4322	117.6970	-121.0	421	QAL	0	0	0	0	65	47.4	1850	46	116	143	2.522	0.811	0.322	7.9	20.00
4082	40.4326	117.6970	-132.9	43[illegible]	QAL	0	0	0	0	72	47.8	1824	39	133	135	3.410	0.985	0.289	8.0	20.00
4083	40.4329	117.6970	-144.9	448	QAL	0	0	0	0	61	48.1	1820	44	95	108	2.159	0.880	0.407	7.9	20.00
4084	40.4332	117.6970	-157.6	449	QAL	0	0	0	0	66	48.2	1775	35	74	160	2.114	0.462	0.219	7.9	20.00
4085	40.4336	117.6970	-170.6	443	QAL	0	0	0	0	67	45.0	1836	37	102	166	2.757	0.614	0.223	7.9	20.00
4086	40.4339	117.6970	-180.9	429	QAL	0	0	0	0	74	44.6	1605	33	101	120	3.061	0.842	0.275	7.8	20.00
4087	40.4343	117.6970	-191.8	430	QAL	0	0	0	0	68	44.6	1688	37	92	151	2.486	0.609	0.245	7.9	20.00
4088	40.4346	117.6970	-200.5	432	QAL	0	0	0	0	74	44.7	1706	29	81	161	2.793	0.503	0.180	7.9	20.00
4089	40.4349	117.6970	-205.9	431	QAL	0	0	0	0	65	44.7	1688	47	87	156	1.851	0.558	0.301	7.9	20.00
4090	40.4353	117.6970	-210.6	435	QAL	0	0	0	0	73	44.8	1701	37	71	172	1.919	0.413	0.215	8.0	20.00
4091	40.4356	117.6971	-209.7	438	QAL	0	0	0	0	69	44.8	1842	45	136	141	3.022	0.965	0.319	8.0	20.00
4092	40.4360	117.6971	-209.4	441	QAL	0	0	0	0	64	44.9	1810	53	98	133	1.849	0.737	0.398	7.9	20.00
4093	40.4363	117.6971	-205.1	443	QAL	0	0	0	0	63	45.0	1736	54	39	138	0.722	0.283	0.391	7.9	20.00
4094	40.4367	117.6971	-208.5	450	QAL	0	0	0	0	61	45.1	1851	52	108	141	2.077	0.766	0.369	7.9	20.00
4095	40.4370	117.6971	-195.9	455	QAL	0	0	0	0	71	45.3	1824	49	34	170	0.694	0.200	0.288	7.9	20.00
4096	40.4373	117.6971	-189.7	466	QAL	0	0	0	0	70	45.5	1837	50	69	156	1.380	0.442	0.321	7.8	20.00
4097	40.4377	117.6971	-183.8	478	QAL	0	0	0	0	67	45.8	1830	30	85	156	2.833	0.545	0.192	7.8	20.00
4098	40.4380	117.6971	-179.2	485	QAL	0	0	0	0	74	46.0	1767	36	113	116	3.139	0.974	0.310	7.8	20.00
4099	40.4384	117.6971	-167.4	475	QAL	0	0	0	0	60	45.7	1687	57	73	104	1.281	0.702	0.548	7.8	20.00
4100	40.4387	117.6971	-156.2	432	QAL	0	0	0	0	60	44.7	1502	38	94	132	2.474	0.712	0.288	7.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4101	40.4390	117.6971	-153.3	419	QAL	0	0	0	0	67	44.4	1647	22	104	149	4.727	0.698	0.148	7.7	20.00
4102	40.4394	117.6972	-169.5	416	QAL	0	0	0	0	63	44.3	1630	38	49	153	1.289	0.320	0.248	7.7	20.00
4103	40.4397	117.6972	-219.0	429	QAL	0	0	0	0	65	44.6	1638	30	54	164	1.800	0.329	0.183	7.6	20.00
4104	40.4401	117.6972	-235.0	454	QAL	0	0	0	0	68	52.5	1679	34	40	164	1.176	0.244	0.207	7.6	20.00
4105	40.4404	117.6972	-246.0	479	QAL	0	0	0	0	77	53.2	1645	25	79	151	3.160	0.523	0.166	7.5	20.00
4106	40.4408	117.6972	-245.4	487	QAL	0	0	0	0	63	53.4	1673	40	62	118	1.550	0.525	0.339	7.6	20.00
4107	40.4411	117.6972	-244.6	485	QAL	0	0	1	0	64	53.3	1657	44	26	181	0.591	0.144	0.243	7.5	20.00
4108	40.4414	117.6972	-235.8	482	QAL	0	0	0	0	72	53.2	1540	32	70	86	2.188	0.814	0.372	7.5	20.00
4109	40.4418	117.6972	-221.4	466	QAL	0	0	0	0	65	52.8	1540	24	52	129	2.167	0.403	0.186	7.5	20.00
4110	40.4421	117.6972	-210.9	451	QAL	0	0	0	0	67	52.4	1511	19	86	123	4.526	0.699	0.154	7.5	20.00
4111	40.4425	117.6972	-203.0	433	QAL	0	0	0	0	67	51.9	1535	26	95	75	3.654	1.267	0.347	7.4	20.00
4112	40.4428	117.6972	-198.0	420	QAL	0	0	0	0	67	51.5	1501	42	59	113	1.405	0.522	0.372	7.4	20.00
4113	40.4431	117.6972	-203.8	410	QAL	0	0	0	0	65	51.2	1522	25	123	110	4.920	1.118	0.227	7.4	20.00
4114	40.4435	117.6973	-205.8	400	QAL	0	0	0	0	69	50.9	1565	34	121	94	3.559	1.287	0.362	7.3	20.00
4115	40.4438	117.6973	-198.4	386	QAL	0	0	0	0	58	50.5	1521	29	61	143	2.103	0.427	0.203	7.3	20.00
4116	40.4442	117.6973	-199.1	374	QAL	0	0	0	0	72	50.1	1463	31	48	148	1.548	0.324	0.209	7.2	20.00
4117	40.4445	117.6973	-218.5	384	QAL	0	0	0	0	71	50.4	1453	25	53	130	2.120	0.408	0.192	7.2	20.00
4118	40.4449	117.6973	-251.8	398	QAL	0	0	0	0	73	50.8	1555	28	55	120	1.964	0.458	0.233	7.2	20.00
4119	40.4452	117.6973	-288.1	419	QAL	0	0	0	0	68	51.5	1559	27	62	101	2.296	0.614	0.267	7.1	20.00
4120	40.4455	117.6973	-297.7	452	QAL	0	0	0	0	77	52.4	1451	37	28	126	0.757	0.222	0.294	7.0	20.00
4121	40.4459	117.6973	-276.7	483	QAL	0	0	0	0	70	53.3	1555	17	68	156	4.000	0.436	0.109	7.1	20.00
4122	40.4462	117.6973	-252.0	494	QAL	0	0	0	0	68	53.6	1502	32	115	69	3.594	1.667	0.464	7.0	20.00
4123	40.4466	117.6973	-249.4	497	QAL	0	0	0	0	63	42.2	1541	22	88	128	4.000	0.688	0.172	7.0	20.00
4124	40.4469	117.6973	-273.4	494	QAL	0	0	0	0	56	42.1	1515	21	113	102	5.381	1.108	0.206	6.9	20.00
4125	40.4472	117.6974	-307.4	488	QAL	0	0	0	0	64	42.0	1492	31	87	78	2.806	1.115	0.397	6.9	20.00
4126	40.4476	117.6974	-314.7	473	QAL	0	0	0	0	70	41.7	1517	33	61	115	1.848	0.530	0.287	6.9	20.00
4127	40.4479	117.6974	-286.1	448	QAL	0	0	0	0	59	41.1	1454	35	53	124	1.514	0.427	0.282	6.8	20.00
4128	40.4483	117.6974	-240.9	429	QAL	0	0	0	0	72	40.7	1455	19	89	147	4.684	0.605	0.129	6.8	20.00
4129	40.4486	117.6974	-204.7	416	QAL	0	0	0	0	70	40.4	1541	29	86	118	2.966	0.729	0.246	6.7	20.00
4130	40.4489	117.6974	-189.6	421	QAL	0	0	0	0	78	40.5	1505	31	141	70	4.548	2.014	0.443	6.7	20.00
4131	40.4493	117.6974	-202.6	440	QAL	0	0	0	0	70	40.9	1680	33	87	88	2.636	0.989	0.375	6.7	20.00
4132	40.4496	117.6974	-210.8	472	QAL	0	0	0	0	72	41.6	1665	44	89	128	2.023	0.695	0.344	6.6	20.00
4133	40.4500	117.6974	-202.1	485	QAL	0	0	0	0	60	41.9	1562	47	88	114	1.872	0.772	0.412	6.5	20.00
4134	40.4503	117.6974	-170.6	484	QAL	0	0	0	0	76	41.9	1510	49	68	81	1.388	0.840	0.605	6.4	20.00
4135	40.4507	117.6974	-141.1	468	QAL	0	0	0	0	66	41.6	1482	40	85	79	2.125	1.076	0.506	6.3	20.00
4136	40.4510	117.6975	-121.5	441	QAL	0	0	0	0	71	41.0	1498	31	38	137	1.226	0.277	0.226	6.2	20.00
4137	40.4513	117.6975	-120.2	414	QAL	0	0	0	0	73	40.3	1510	27	142	76	5.259	1.868	0.355	6.2	20.00
4138	40.4517	117.6975	-135.1	393	QAL	0	0	0	0	67	39.9	1485	32	165	72	5.156	2.292	0.444	6.1	20.00
4139	40.4520	117.6975	-163.3	385	QAL	0	0	0	0	76	39.7	1601	47	68	103	1.447	0.660	0.456	6.1	20.00
4140	40.4524	117.6975	-195.0	389	QAL	0	0	0	0	73	39.8	1605	29	94	117	3.357	0.803	0.239	6.1	20.00
4141	40.4527	117.6975	-218.4	394	QAL	0	0	0	0	69	39.9	1585	32	130	108	4.063	1.204	0.296	6.0	20.00
4142	40.4530	117.6975	-225.6	392	QAL	0	0	0	0	61	41.5	1589	37	164	94	4.432	1.745	0.394	6.0	20.00
4143	40.4534	117.6975	-211.3	389	QAL	0	0	0	0	70	41.4	1658	31	72	153	2.323	0.471	0.203	6.0	20.00
4144	40.4537	117.6975	-203.8	380	QAL	0	0	0	0	72	41.2	1643	37	69	184	1.865	0.375	0.201	6.0	20.00
4145	40.4541	117.6975	-202.8	374	QAL	0	0	0	0	66	41.0	1569	32	89	121	2.781	0.736	0.264	6.0	20.00
4146	40.4544	117.6975	-207.3	367	QAL	0	0	0	0	72	40.8	1503	37	59	132	1.595	0.447	0.280	6.0	20.00
4147	40.4548	117.6975	-228.5	362	QAL	0	0	0	0	64	40.7	1554	43	74	106	1.721	0.698	0.406	6.0	20.00
4148	40.4551	117.6976	-260.4	370	QAL	0	0	0	0	74	40.9	1518	35	86	112	2.457	0.768	0.313	6.0	20.00
4149	40.4554	117.6976	-294.2	413	QAL	0	0	0	0	76	42.0	1493	43	52	114	1.209	0.456	0.377	6.0	20.00
4150	40.4558	117.6976	-315.0	454	QTB2	0	0	0	0	62	42.9	1490	35	63	118	1.800	0.534	0.297	6.0	20.00
4151	40.4561	117.6976	-317.3	478	QTB2	0	0	0	0	69	43.5	1646	43	105	85	2.442	1.235	0.506	6.0	20.00
4152	40.4565	117.6976	-303.9	484	QTB2	0	0	0	0	73	43.6	1674	49	81	131	1.653	0.618	0.374	6.0	20.00
4153	40.4568	117.6976	-276.1	484	QTB2	0	0	0	0	73	43.6	1700	39	97	107	2.487	0.907	0.364	6.0	20.00
4154	40.4571	117.6976	-251.3	487	QTB2	0	0	0	0	64	43.7	1671	48	67	107	1.396	0.626	0.449	6.1	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4155	40.4575	117.6976	-237.7	488	QTB2	0	0	0	0	73	43.7	1768	47	59	168	1.255	0.351	0.280	6.1	20.00
4156	40.4578	117.6976	-231.8	490	QTB2	0	0	0	0	64	43.8	1722	30	103	141	3.433	0.730	0.213	6.1	20.00
4157	40.4582	117.6976	-237.0	489	QTB2	0	0	0	0	76	43.7	1672	27	98	145	3.630	0.676	0.186	6.0	20.00
4158	40.4585	117.6976	-237.7	490	QTB2	0	0	0	0	75	43.7	1788	37	101	133	2.730	0.759	0.278	6.0	20.00
4159	40.4588	117.6977	-242.2	490	QTB2	0	0	1	0	72	43.8	1694	66	-15	133	-0.227	-0.113	0.496	6.1	20.00
4160	40.4592	117.6977	-245.1	492	QTB2	0	0	1	0	71	43.8	1699	53		159	0.132	0.044	0.333	6.0	20.00
4161	40.4595	117.6977	-249.8	491	QTB2	0	0	0	0	64	44.4	1715	31	92	136	2.968	0.676	0.228	6.0	20.00
4162	40.4599	117.6977	-255.5	491	QTB2	0	0	0	0	75	44.4	1614	50	57	120	1.140	0.475	0.417	5.9	20.00
4163	40.4602	117.6977	-258.4	490	QTB2	0	0	0	0	63	44.4	1661	25	123	108	4.920	1.139	0.231	6.0	20.00
4164	40.4606	117.6977	-258.3	490	QTB2	0	0	0	0	70	44.4	1623	27	124	149	4.593	0.832	0.181	6.0	20.00
4165	40.4609	117.6977	-258.8	491	QTB2	0	0	0	0	65	44.4	1579	37	129	89	3.486	1.449	0.416	6.0	20.00
4166	40.4612	117.6977	-259.4	489	QTB2	0	0	1	0	69	44.4	1710	52	13	184	0.250	0.071	0.283	5.9	20.00
4167	40.4616	117.6977	-258.9	490	QTB2	0	0	1	0	68	44.4	1689	44	20	171	0.455	0.117	0.257	5.9	20.00
4168	40.4619	117.6977	-257.6	491	QTB2	0	0	0	0	71	44.4	1587	31	105	83	3.387	1.265	0.373	5.9	20.00
4169	40.4623	117.6977	-263.5	488	QTB2	0	0	0	0	69	44.3	1640	29	111	95	3.828	1.168	0.305	5.9	20.00
4170	40.4626	117.6978	-258.2	487	QTB2	0	0	0	0	67	44.3	1517	31	49	163	1.581	0.301	0.190	5.9	20.00
4171	40.4629	117.6978	-247.9	487	QTB2	0	0	0	0	65	44.3	1609	46	61	88	1.326	0.693	0.523	5.9	20.00
4172	40.4633	117.6978	-238.6	483	QTB2	0	0	0	0	62	44.2	1576	39	31	150	0.795	0.207	0.260	5.8	20.00
4173	40.4636	117.6978	-230.9	473	QTB2	0	0	0	0	63	44.0	1547	33	147	94	4.455	1.564	0.351	5.9	20.00
4174	40.4640	117.6978	-221.8	448	QTB2	0	0	0	0	74	43.4	1655	43	59	120	1.372	0.492	0.358	5.8	20.00
4175	40.4643	117.6978	-206.1	431	QTB2	0	0	0	0	67	43.0	1674	28	117	111	4.179	1.054	0.252	5.8	20.00
4176	40.4647	117.6978	-190.8	430	QTB2	0	0	0	0	67	43.0	1597	31	125	123	4.032	1.016	0.252	5.8	20.00
4177	40.4650	117.6978	-173.0	424	QTB2	0	0	0	0	72	42.8	1565	32	100	125	3.125	0.800	0.256	5.8	20.00
4178	40.4653	117.6978	-153.3	409	QTB2	0	0	0	0	73	42.5	1519	40	124	118	3.100	1.051	0.339	5.8	20.00
4179	40.4657	117.6978	-143.7	394	QTB2	0	0	0	0	77	42.1	1504	57	47	111	0.825	0.423	0.514	5.8	20.00
4180	40.4660	117.6978	-131.2	376	QTB2	0	0	1	0	72	47.3	1475	42	9	133	0.214	0.068	0.316	5.8	20.00
4181	40.4664	117.6978	-114.6	351	QTB2	0	0	0	0	73	46.6	1409	46	59	103	1.283	0.573	0.447	5.8	20.00
4182	40.4667	117.6979	-109.5	331	QTB2	0	0	0	0	67	46.0	1392	43	36	126	0.837	0.286	0.341	5.9	20.00
4183	40.4670	117.6979	-67.9	304	QTB2	0	0	0	0	78	45.2	1347	13	114	105	8.769	1.086	0.124	5.9	20.00
4184	40.4674	117.6979	-49.3	330	QTB2	0	0	0	0	72	46.0	1227	25	71	86	2.840	0.826	0.291	5.9	20.00
4185	40.4677	117.6979	-62.4	371	QTB2	0	0	0	0	68	47.2	1312	28	99	76	3.536	1.303	0.368	6.0	20.00
4186	40.4681	117.6979	-73.0	387	QTB2	0	0	0	0	63	47.7	1491	32	137	84	4.281	1.631	0.381	6.0	20.00
4187	40.4684	117.6979	-87.9	390	QTB2	0	0	0	0	56	47.8	1643	51	69	137	1.353	0.504	0.372	6.0	20.00
4188	40.4688	117.6979	-103.3	399	QTB2	0	0	0	0	66	48.0	1763	44	42	170	0.955	0.247	0.259	6.1	20.00
4189	40.4691	117.6979	-114.7	404	QTB2	0	0	0	0	71	48.1	1726	45	52	187	1.156	0.278	0.241	6.1	20.00
4190	40.4694	117.6979	-125.6	400	QTB2	0	0	0	0	65	48.0	1763	34	116	164	3.412	0.707	0.207	6.1	20.00
4191	40.4698	117.6979	-134.0	380	QTB2	0	0	0	0	72	47.5	1780	31	126	149	4.065	0.846	0.208	6.1	20.00
4192	40.4701	117.6979	-141.5	369	QTB2	0	0	0	0	60	47.2	1846	63	99	152	1.571	0.651	0.414	6.1	20.00
4193	40.4705	117.6980	-147.7	367	QTB2	0	0	0	0	73	47.1	1707	48	76	128	1.583	0.594	0.375	6.1	20.00
4194	40.4708	117.6980	-154.2	360	QTB2	0	0	0	0	69	46.9	1765	43	145	118	3.372	1.229	0.364	6.1	20.00
4195	40.4711	117.6980	-160.2	354	QTB2	0	0	0	0	69	46.7	1775	40	75	163	1.875	0.460	0.245	6.1	20.00
4196	40.4715	117.6980	-165.4	351	QTB2	0	0	0	0	67	46.6	1800	56	98	130	1.750	0.754	0.431	6.1	20.00
4197	40.4718	117.6980	-173.4	347	QTB2	0	0	0	0	68	46.5	1752	31	117	155	3.774	0.755	0.200	6.1	20.00
4198	40.4722	117.6980	-177.8	342	QTB2	0	0	0	0	76	46.4	1679	44	85	140	1.932	0.607	0.314	6.1	20.00
4199	40.4725	117.6980	-182.0	338	QTB2	0	0	0	0	69	50.7	1718	60	70	144	1.167	0.486	0.417	6.1	20.00
4200	40.4728	117.6980	-184.3	331	QTB2	0	0	0	0	75	50.5	1680	31	100	148	3.226	0.676	0.209	6.2	20.00
4201	40.4732	117.6980	-189.5	325	QTB2	0	0	0	0	68	50.3	1616	31	100	148	3.226	0.676	0.209	6.2	20.00
4202	40.4735	117.6980	-194.3	320	QTB2	0	0	1	0	75	50.2	1705	41	13	207	0.317	0.063	0.198	6.2	20.00
4203	40.4739	117.6980	-199.6	327	QTB2	0	0	0	0	74	50.4	1660	48	74	162	1.542	0.457	0.296	6.3	20.00
4204	40.4742	117.6981	-202.2	340	QTB2	0	0	0	0	70	50.8	1654	42	86	145	2.048	0.593	0.290	6.3	20.00
4205	40.4746	117.6981	-205.1	347	QTB2	0	0	0	0	73	51.0	1718	43	49	156	1.140	0.314	0.276	6.3	20.00
4206	40.4749	117.6981	-207.2	351	QTB2	0	0	0	0	66	51.2	1660	27	141	136	5.222	1.037	0.199	6.3	20.00
4207	40.4752	117.6981	-205.2	353	QTB2	0	0	0	0	63	51.2	1739	41	100	156	2.439	0.641	0.263	6.3	20.00
4208	40.4756	117.6981	-206.5	359	QTB2	0	0	0	0	71	51.4	1779	30	177	95	5.900	1.863	0.316	6.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4209	40.4759	117.6981	-208.7	360	QTB2	0	0	0	0	73	51.5	1747	41	67	144	1.634	0.465	0.285	6.3	20.00
4210	40.4763	117.6981	-210.7	359	QTB2	0	0	0	0	84	51.4	1665	31	125	138	4.032	0.906	0.225	6.3	20.00
4211	40.4766	117.6981	-213.4	352	QTB2	0	0	0	0	68	51.2	1721	33	146	142	4.424	1.028	0.232	6.3	20.00
4212	40.4769	117.6981	-219.4	346	QTB2	0	0	0	0	74	51.0	1718	31	119	153	3.839	0.778	0.203	6.4	20.00
4213	40.4773	117.6981	-230.1	339	QTB2	0	0	0	0	67	50.8	1785	59	58	148	0.983	0.392	0.399	6.4	20.00
4214	40.4776	117.6981	-249.9	335	QTB2	0	0	0	0	61	50.7	1812	45	45	211	1.000	0.213	0.213	6.5	20.00
4215	40.4780	117.6981	-289.1	329	QTB2	0	0	0	0	69	50.4	1687	41	121	130	2.951	0.931	0.315	6.5	20.00
4216	40.4783	117.6982	-358.6	323	QTB2	0	0	0	0	65	50.3	1708	58	119	128	2.052	0.930	0.453	6.6	20.00
4217	40.4787	117.6982	-463.8	319	QTB2	0	0	0	0	78	50.1	1719	49	106	150	2.163	0.707	0.327	6.7	20.00
4218	40.4790	117.6982	-587.0	315	QTB2	0	0	0	0	73	44.7	1776	54	61	197	1.130	0.310	0.274	6.7	20.00
4219	40.4793	117.6982	-673.0	306	QTB2	0	0	0	0	72	44.4	1797	30	189	116	6.300	1.629	0.259	6.7	20.00
4220	40.4797	117.6982	-675.8	297	QTB2	0	0	0	0	76	44.1	1688	46	44	174	0.957	0.253	0.264	6.7	20.00
4221	40.4800	117.6982	-582.3	290	QTB2	0	0	0	0	69	43.9	1793	46	166	127	3.609	1.307	0.362	6.8	20.00
4222	40.4804	117.6982	-430.8	280	QTB2	0	0	0	0	64	43.6	1738	28	60	221	2.143	0.271	0.127	6.9	20.00
4223	40.4807	117.6982	-258.3	268	QTB2	0	0	0	0	72	43.2	1778	38	89	196	2.342	0.454	0.194	6.9	20.00
4224	40.4810	117.6982	-6.1	254	QTB2	0	0	0	0	57	42.7	1694	50	114	147	2.280	0.776	0.340	6.9	20.00
4225	40.4814	117.6982	25.7	251	QTB2	0	0	0	0	64	42.6	1771	47	110	142	2.340	0.775	0.331	7.0	20.00
4226	40.4817	117.6982	-1.0	254	QTB2	0	0	0	0	72	42.7	1793	25	130	153	5.200	0.850	0.163	7.1	20.00
4227	40.4821	117.6983	-51.4	256	QTB2	0	0	0	0	59	42.8	1852	53	124	161	2.340	0.770	0.329	7.1	20.00
4228	40.4824	117.6983	-93.3	259	QTB2	0	0	0	0	76	42.9	1828	56	135	143	2.411	0.944	0.392	7.2	20.00
4229	40.4828	117.6983	-127.2	263	QTB2	0	0	0	0	69	43.0	1740	44	136	150	3.091	0.907	0.293	7.3	20.00
4230	40.4831	117.6983	-152.6	274	QTB2	0	0	0	0	66	43.4	1719	33	168	161	5.091	1.043	0.205	7.3	20.00
4231	40.4834	117.6983	-166.6	291	QTB2	0	0	0	0	80	43.9	1848	39	145	152	3.718	0.954	0.257	7.4	20.00
4232	40.4838	117.6983	-175.9	303	QTB2	0	0	0	0	66	44.3	1868	32	90	180	2.813	0.500	0.178	7.4	20.00
4233	40.4841	117.6983	-184.3	308	QTB2	0	0	1	0	72	44.5	1828	62	20	193	0.323	0.104	0.321	7.4	20.00
4234	40.4845	117.6983	-190.2	315	QTB2	0	0	0	0	70	44.7	1634	48	54	126	1.125	0.429	0.381	7.4	20.00
4235	40.4848	117.6983	-197.3	321	QTB2	0	0	0	0	69	44.9	1737	43	116	171	2.698	0.678	0.251	7.5	20.00
4236	40.4851	117.6983	-200.3	322	QTB2	0	0	0	0	74	44.9	1734	45	122	128	2.711	0.953	0.352	7.6	20.00
4237	40.4855	117.6983	-213.6	330	QTB2	0	0	0	0	66	47.6	1701	68	56	149	0.824	0.376	0.456	7.6	20.00
4238	40.4858	117.6983	-224.7	342	QTB2	0	0	0	0	74	47.9	1773	51	75	146	1.471	0.514	0.349	7.6	20.00
4239	40.4862	117.6984	-234.8	351	QTB2	0	0	0	0	66	48.2	1760	47	95	141	2.021	0.674	0.333	7.6	20.00
4240	40.4865	117.6984	-244.7	361	QTB2	0	0	0	0	68	48.5	1714	33	110	145	3.333	0.759	0.228	7.7	20.00
4241	40.4868	117.6984	-255.1	360	QTB2	0	0	0	0	73	48.5	1673	32	144	112	4.500	1.286	0.286	7.7	20.00
4242	40.4872	117.6984	-269.8	359	QTB2	0	0	0	0	75	48.5	1618	43	63	131	1.465	0.481	0.328	7.7	20.00
4243	40.4875	117.6984	-283.8	354	QTB2	0	0	0	0	70	48.3	1630	45	70	133	1.556	0.526	0.338	7.7	20.00
4244	40.4879	117.6984	-306.6	345	QTB2	0	0	0	0	68	48.0	1594	25	90	167	3.600	0.539	0.150	7.8	20.00
4245	40.4882	117.6984	-339.1	336	QTB2	0	0	0	0	80	47.8	1545	47	64	132	1.362	0.485	0.356	7.8	20.00
4246	40.4886	117.6984	-381.1	324	QTB2	0	0	0	0	77	47.4	1515	41	69	105	1.683	0.657	0.390	7.9	20.00
4247	40.4889	117.6984	-398.7	309	QTB2	0	0	0	0	70	46.9	1539	35	61	135	1.743	0.452	0.259	7.9	20.00
4248	40.4892	117.6984	-360.5	294	QTB2	0	0	0	0	68	46.4	1460	27	109	104	4.037	1.048	0.260	7.9	20.00
4249	40.4896	117.6984	-286.4	292	QTB2	0	0	0	0	80	46.4	1411	29	74	112	2.552	0.661	0.259	7.9	20.00
4250	40.4899	117.6985	-130.5	299	QTB2	0	0	0	0	77	46.6	1504	31	55	120	1.774	0.458	0.258	7.9	20.00
4251	40.4903	117.6985	-96.2	300	QTB2	0	0	0	0	71	46.6	1448	30	123	81	4.100	1.519	0.370	7.9	20.00
4252	40.4906	117.6985	-78.7	300	QTB2	0	0	0	0	70	46.6	1508	32	56	142	1.750	0.394	0.225	7.9	20.00
4253	40.4909	117.6985	-95.4	296	QTB2	0	0	0	0	66	46.5	1582	47	50	131	1.064	0.382	0.359	7.9	20.00
4254	40.4913	117.6985	-149.8	292	QTB2	0	0	0	0	73	46.3	1478	26	73	126	2.808	0.579	0.206	8.0	20.00
4255	40.4916	117.6985	-205.0	291	QTB2	0	0	0	0	59	46.3	1519	38	60	129	1.579	0.465	0.295	8.0	20.00
4256	40.4920	117.6985	-218.6	301	QTB2	0	0	0	0	72	39.1	1555	45	32	133	0.711	0.241	0.338	8.0	20.00
4257	40.4923	117.6985	-219.7	311	QTB2	0	0	0	0	76	39.4	1509	16	92	126	5.750	0.730	0.127	8.0	20.00
4258	40.4927	117.6985	-229.8	324	QTB2	0	0	0	0	71	39.7	1590	41	78	117	1.902	0.667	0.350	7.9	20.00
4259	40.4930	117.6985	-246.9	344	QTB2	0	0	0	0	70	40.2	1495	35	121	89	3.457	1.360	0.393	7.9	20.00
4260	40.4933	117.6985	-257.9	366	QTB2	0	0	0	0	71	40.8	1578	30	50	170	1.667	0.294	0.176	7.9	20.00
4261	40.4937	117.6986	-258.3	365	QTB2	0	0	0	0	81	40.8	1513	39	33	146	0.846	0.226	0.267	7.8	20.00
4262	40.4940	117.6986	-274.1	346	QTB2	0	0	0	0	72	40.3	1518	33	36	128	1.091	0.281	0.258	7.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	IL	BI	K	BI:IL	BI:K	IL:K	TEMP	BP
4263	40.4944	117.6986	-322.2	332	QTB2	0	0	0	0	72	39.9	1347	21	134	46	6.381	2.913	0.457	7.7	20.00
4264	40.4947	117.6986	-528.5	321	QTB2	0	0	0	0	74	39.6	1413	36	44	118	1.222	0.373	0.305	7.7	20.00
4265	40.4950	117.6986	-660.5	306	QTB2	0	0	0	0	72	39.2	1328	21	39	122	1.857	0.320	0.172	7.6	20.00
4266	40.4954	117.6986	-754.3	292	QTB2	0	0	0	0	75	38.8	1352	35	53	103	1.514	0.515	0.340	7.6	20.00
4267	40.4957	117.6986	-795.6	280	QTB2	0	0	0	0	71	38.5	1403	29	96	86	3.310	1.116	0.337	7.5	20.00
4268	40.4961	117.6986	-809.4	267	QTB2	0	0	0	0	69	38.2	1269	18	64	133	3.556	0.481	0.135	7.5	20.00
4269	40.4964	117.6986	-744.9	261	QTB2	0	0	1	0	83	38.0	1245	42	19	93	0.452	0.204	0.452	7.5	20.00
4270	40.4967	117.6986	-585.1	262	TS6	0	0	0	0	75	38.0	1414	37	77	109	2.081	0.706	0.339	7.5	20.00
4271	40.4971	117.6986	-479.8	259	TS6	0	0	0	0	73	37.9	1358	21	76	112	3.619	0.679	0.188	7.3	20.00
4272	40.4974	117.6986	-460.2	256	TS6	0	0	0	0	78	37.8	1307	38	42	94	1.105	0.447	0.404	7.2	20.00
4273	40.4978	117.6987	-432.9	286	TS6	0	0	0	0	74	38.7	1354	30	35	117	1.167	0.299	0.256	7.2	20.00
4274	40.4981	117.6987	-424.2	338	TS6	0	0	0	0	75	40.1	1386	38	52	90	1.368	0.578	0.422	7.1	20.00
4275	40.4985	117.6987	-415.2	382	TS6	0	0	0	0	76	36.5	1367	32	37	98	1.156	0.378	0.327	7.1	20.00
4276	40.4988	117.6987	-367.2	410	TS6	0	0	0	0	82	37.1	1373	18	86	90	4.778	0.956	0.200	7.0	20.00
4277	40.4991	117.6987	-217.1	437	TS6	0	0	0	0	72	37.6	1426	24	60	125	2.500	0.480	0.192	6.9	20.00
4278	40.4995	117.6987	-181.2	460	TS6	0	0	1	0	72	38.1	1473	26	22	124	0.846	0.177	0.210	6.8	20.00
4279	40.4998	117.6987	-167.1	464	TS6	0	0	0	0	92	38.2	1450	33	90	84	2.727	1.071	0.393	6.8	20.00
4280	40.5002	117.6987	-160.3	461	TS6	0	0	0	0	79	38.1	1392	26	83	86	3.192	0.965	0.302	6.7	20.00
4281	40.5005	117.6987	-158.4	468	TS6	0	0	0	0	79	38.3	1338	25	74	73	2.960	1.014	0.342	6.7	20.00
4282	40.5008	117.6987	-162.5	481	TS6	0	0	0	0	79	38.5	1411	27	47	111	1.741	0.423	0.243	6.7	20.00
4283	40.5012	117.6987	-173.7	474	TS6	0	0	0	0	67	38.4	1415	43	46	77	1.070	0.597	0.558	6.6	20.00
4284	40.5015	117.6988	-181.3	456	TS6	0	0	0	0	70	38.0	1357	26	28	99	1.077	0.283	0.263	6.5	20.00
4285	40.5019	117.6988	-177.3	442	TS6	0	0	0	0	71	37.7	1414	29	91	68	3.138	1.338	0.426	6.4	20.00
4286	40.5022	117.6988	-170.4	429	TS6	0	0	0	0	76	37.5	1380	19	88	86	4.632	1.023	0.221	6.4	20.00
4287	40.5026	117.6988	-165.9	417	TS6	0	0	0	0	79	37.2	1349	27	49	102	1.815	0.480	0.265	6.3	20.00
4288	40.5029	117.6988	-166.4	407	TS6	0	0	0	0	77	37.0	1363	22	165	44	7.500	3.750	0.500	6.2	20.00
4289	40.5032	117.6988	-164.4	403	TR1	0	0	0	0	80	36.9	1480	27	109	71	4.037	1.535	0.380	6.2	20.00
4290	40.5036	117.6988	-136.0	418	TR1	0	0	0	0	77	37.2	1470	40	74	99	1.850	0.747	0.404	6.0	20.00
4291	40.5039	117.6988	-120.6	427	TR1	0	0	0	0	75	37.4	1499	40	93	90	2.325	1.033	0.444	6.0	20.00
4292	40.5043	117.6988	-119.5	426	TR1	0	0	0	0	79	37.4	1487	37	73	120	1.973	0.608	0.308	6.0	20.00
4293	40.5046	117.6988	-133.3	418	TR1	0	0	0	0	73	37.2	1518	30	96	127	3.200	0.756	0.236	5.9	20.00
4294	40.5049	117.6988	-148.5	410	TR1	0	0	0	0	75	37.8	1580	43	48	115	1.116	0.417	0.374	5.9	20.00
4295	40.5053	117.6989	-164.9	388	TR1	0	0	0	0	63	37.3	1540	42	58	103	1.381	0.563	0.408	5.8	20.00
4296	40.5056	117.6989	-176.9	373	TR1	0	0	0	0	75	37.0	1447	27	97	90	3.593	1.078	0.300	5.8	20.00
4297	40.5060	117.6989	-187.0	384	TR1	0	0	0	0	77	37.2	1503	38	71	89	1.868	0.798	0.427	5.7	20.00
4298	40.5063	117.6989	-202.9	390	TR1	0	0	0	0	74	37.4	1491	35	88	103	2.514	0.854	0.340	5.7	20.00
4299	40.5067	117.6989	-211.7	377	TR1	0	0	0	0	79	37.1	1429	36	55	92	1.528	0.598	0.391	5.6	20.00
4300	40.5070	117.6989	-212.8	356	TR1	0	0	0	0	77	36.6	1413	30	27	119	0.900	0.227	0.252	5.6	20.00
4301	40.5073	117.6989	-191.6	310	TR1	0	0	0	0	78	35.5	1354	29	100	86	3.448	1.163	0.337	5.5	20.00
4302	40.5077	117.6989	-150.7	291	TR1	0	0	0	0	72	35.0	1377	27	58	138	2.148	0.420	0.196	5.5	20.00
4303	40.5080	117.6989	-129.4	287	TR1	0	0	0	0	74	34.9	1451	27	108	97	4.000	1.113	0.278	5.5	20.00
4304	40.5084	117.6989	-212.5	299	TR1	0	0	0	0	77	35.2	1467	38	82	76	2.158	1.079	0.500	5.4	20.00
4305	40.5087	117.6989	-242.7	356	TR1	0	0	0	0	80	36.6	1432	10	99	115	9.900	0.861	0.087	5.3	20.00
4306	40.5090	117.6989	-237.5	401	TR1	0	0	0	0	80	37.6	1599	37	55	155	1.486	0.355	0.239	5.2	20.00
4307	40.5094	117.6990	-233.3	429	TR1	0	0	0	0	85	38.2	1542	30	106	114	3.533	0.930	0.263	5.1	20.00
4308	40.5097	117.6990	-231.9	465	TR1	0	0	0	0	78	39.0	1600	50	92	101	1.840	0.911	0.495	5.2	20.00
4309	40.5101	117.6990	-230.2	485	TR1	0	0	0	0	85	39.4	1693	51	76	93	1.490	0.817	0.548	5.2	20.00
4310	40.5104	117.6990	-227.6	491	TR1	0	0	0	0	80	39.5	1710	46	128	99	2.783	1.293	0.465	5.2	20.00
4311	40.5107	117.6990	-225.4	497	TR1	0	0	0	0	78	39.6	1703	44	84	146	1.909	0.575	0.301	5.1	20.00
4312	40.5111	117.6990	-223.0	507	TR1	0	0	0	0	71	39.8	1664	40	112	118	2.800	0.949	0.339	5.2	20.00
4313	40.5114	117.6990	-222.8	529	TR1	0	0	0	0	78	48.6	1786	43	112	111	2.605	1.009	0.387	5.2	20.00
4314	40.5118	117.6990	-221.1	543	TR1	0	0	0	0	85	48.9	1790	21	118	112	5.619	1.054	0.188	5.2	20.00
4315	40.5121	117.6990	-220.7	551	TR1	0	0	0	0	79	49.1	1843	44	132	118	3.000	1.119	0.373	5.2	20.00
4316	40.5125	117.6990	-219.2	552	TR1	0	0	0	0	80	49.1	1820	11	129	147	11.727	0.878	0.075	5.1	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4317	40.5128	117.6990	-217.0	528	TR1	0	0	0	0	88	48.6	1819	45	50	192	1.111	0.260	0.234	5.1	20.00
4318	40.5131	117.6991	-217.6	510	TR1	0	0	0	0	83	48.2	1814	31	90	192	2.903	0.469	0.161	5.1	20.00
4319	40.5135	117.6991	-215.7	526	TR1	0	0	0	0	85	48.6	1741	40	98	114	2.450	0.860	0.351	5.1	20.00
4320	40.5138	117.6991	-213.8	562	TR1	0	0	0	0	83	49.4	1931	43	113	117	2.628	0.966	0.368	5.1	20.00
4321	40.5142	117.6991	-212.9	604	TR1	0	0	0	0	82	50.3	1943	28	173	121	6.179	1.430	0.231	5.0	20.00
4322	40.5145	117.6991	-212.4	650	TR1	0	0	0	0	80	51.3	1978	42	103	127	2.452	0.811	0.331	5.1	20.00
4323	40.5148	117.6991	-209.5	665	TR1	0	0	0	0	88	51.6	1900	60	66	104	1.100	0.635	0.577	5.1	20.00
4324	40.5152	117.6991	-208.4	670	TR1	0	0	0	0	79	51.7	2104	28	144	191	5.143	0.754	0.147	5.1	20.00
4325	40.5155	117.6991	-207.3	676	TR1	0	0	1	0	76	51.8	2265	52	15	328	0.288	0.046	0.159	5.1	20.00
4326	40.5159	117.6991	-207.4	680	TR1	0	0	0	0	79	51.9	2233	64	139	151	2.172	0.921	0.424	5.0	20.00
4327	40.5162	117.6991	-206.6	658	TR1	0	0	0	0	74	51.4	2241	40	136	208	3.400	0.654	0.192	5.0	20.00
4328	40.5166	117.6991	-204.4	614	TR1	0	0	0	0	77	50.5	2038	19	239	166	12.579	1.440	0.114	5.1	20.00
4329	40.5169	117.6992	-202.5	589	TR1	0	0	0	0	75	50.0	2133	67	99	175	1.478	0.566	0.383	5.1	20.00
4330	40.5172	117.6992	-203.1	566	TR1	0	0	0	0	80	49.5	2047	32	88	205	2.750	0.429	0.156	5.0	20.00
4331	40.5176	117.6992	-201.3	533	TR1	0	0	0	0	84	48.7	2193	53	104	210	1.962	0.495	0.252	5.0	20.00
4332	40.5179	117.6992	-200.8	559	TR1	0	0	0	0	76	53.1	2364	52	164	195	3.154	0.841	0.267	5.0	20.00
4333	40.5183	117.6992	-200.6	610	TR1	0	0	0	0	80	54.3	2468	56	114	272	2.036	0.419	0.206	4.9	20.00
4334	40.5186	117.6992	-200.0	643	TR1	0	0	0	0	81	55.1	2531	51	126	282	2.471	0.447	0.181	4.9	20.00
4335	40.5189	117.6992	-198.0	598	TR1	0	0	0	0	78	54.0	2625	69	125	246	1.812	0.508	0.280	4.9	20.00
4336	40.5193	117.6992	-198.4	512	TR1	0	0	0	0	82	51.9	2385	56	186	206	3.321	0.903	0.272	4.8	20.00
4337	40.5196	117.6992	-195.8	488	TR1	0	0	0	0	80	51.3	2354	77	74	275	0.961	0.269	0.280	4.8	20.00
4338	40.5200	117.6992	-195.7	460	TR1	0	0	0	0	76	50.6	2278	80	119	230	1.487	0.517	0.348	4.8	20.00
4339	40.5203	117.6992	-194.2	421	TR1	0	0	0	0	77	49.5	2269	52	134	228	2.577	0.588	0.228	4.8	20.00
4340	40.5206	117.6992	-192.1	397	PIPH2	0	0	0	0	82	48.8	2194	84	109	187	1.298	0.583	0.449	4.8	20.00
4341	40.5210	117.6993	-190.1	385	PIPH2	0	0	0	0	71	48.5	2139	72	138	193	1.917	0.715	0.373	4.8	20.00
4342	40.5213	117.6993	-190.0	391	PIPH2	0	0	0	0	78	48.7	2072	50	159	188	3.180	0.846	0.266	4.7	20.00
4343	40.5217	117.6993	-188.2	451	PIPH2	0	0	0	0	80	50.3	2172	67	85	214	1.269	0.397	0.313	4.7	20.00
4344	40.5220	117.6993	-183.8	491	PIPH2	0	0	0	0	75	51.4	2260	60	113	206	1.883	0.549	0.291	4.7	20.00
4345	40.5224	117.6993	-182.6	506	PIPH2	0	0	0	0	92	51.8	2166	64	94	187	1.469	0.503	0.342	4.7	20.00
4346	40.5227	117.6993	-180.8	570	PIPH2	0	0	0	0	77	53.4	2240	75	82	183	1.093	0.448	0.410	4.7	20.00
4347	40.5230	117.6993	-180.0	629	PIPH2	0	0	0	0	76	54.7	2157	59	130	143	2.203	0.909	0.413	4.7	20.00
4348	40.5234	117.6993	-177.6	693	PIPH2	0	0	0	0	77	56.1	2287	57	96	181	1.684	0.530	0.315	4.6	20.00
4349	40.5237	117.6993	-178.9	745	PIPH2	1	0	0	0	80	57.2	2297	34	164	155	4.824	1.058	0.219	4.6	20.00
4350	40.5241	117.6993	-175.8	780	PIPH2	1	0	0	0	81	57.9	2169	51	125	126	2.451	0.992	0.405	4.5	20.00
4351	40.5244	117.6993	-174.7	819	PIPH2	1	0	0	0	77	49.8	1989	33	99	192	3.000	0.516	0.172	4.5	20.00
4352	40.5247	117.6994	-174.3	852	PIPH2	1	0	0	0	80	50.3	2147	60	103	119	1.717	0.866	0.504	4.5	20.00
4353	40.5251	117.6994	-172.8	849	PIPH2	1	0	0	0	76	50.3	1941	36	100	129	2.778	0.775	0.279	4.5	20.00
4354	40.5254	117.6994	-171.5	846	PIPH2	1	0	0	0	80	50.2	1804	23	75	173	3.261	0.434	0.133	4.4	20.00
4355	40.5258	117.6994	-170.1	857	PIPH2	1	0	0	0	84	50.4	1788	36	66	187	1.833	0.353	0.193	4.4	20.00
4356	40.5261	117.6994	-168.3	850	PIPH2	1	0	0	0	74	50.3	1922	41	53	178	1.293	0.298	0.230	4.3	20.00
4357	40.5265	117.6994	-164.5	818	PIPH2	1	0	0	0	75	49.8	1760	52	48	154	0.923	0.312	0.338	4.3	20.00
4358	40.5268	117.6994	-164.1	746	PIPH2	1	0	0	0	85	48.6	1811	41	37	127	0.902	0.291	0.323	4.2	20.00
4359	40.5271	117.6994	-165.0	687	PIPH2	0	0	0	0	90	47.6	1722	45	101	75	2.244	1.347	0.600	4.2	20.00
4360	40.5275	117.6994	-162.3	637	PIPH2	0	0	0	0	83	46.7	1769	48	81	113	1.688	0.717	0.425	4.1	20.00
4361	40.5278	117.6994	-159.6	597	PIPH2	0	0	0	0	72	45.9	1776	47	77	130	1.638	0.592	0.362	4.1	20.00
4362	40.5282	117.6994	-160.8	561	PIPH2	0	0	0	0	72	45.2	1830	37	80	112	2.162	0.714	0.330	4.1	20.00
4363	40.5285	117.6995	-160.1	523	PIPH2	0	0	0	0	73	44.4	1820	52	144	119	2.769	1.210	0.437	4.1	20.00
4364	40.5288	117.6995	-159.7	498	PIPH2	0	0	0	0	77	43.9	1692	43	32	148	0.744	0.216	0.291	4.0	20.00
4365	40.5292	117.6995	-159.4	494	PIPH2	0	0	0	0	73	43.8	1631	59	64	90	1.085	0.711	0.656	4.0	20.00
4366	40.5295	117.6995	-161.1	495	PIPH2	0	0	0	0	78	43.8	1592	19	169	98	8.895	1.724	0.194	3.9	20.00
4367	40.5299	117.6995	-159.3	520	PIPH2	0	0	0	0	84	44.3	1566	35	93	113	2.657	0.823	0.310	3.9	20.00
4368	40.5302	117.6995	-159.0	580	PIPH2	0	0	0	0	73	45.6	1774	22	120	149	5.455	0.805	0.148	4.0	20.00
4369	40.5306	117.6995	-157.3	599	PIPH2	0	0	0	0	70	46.0	1782	52	39	135	0.750	0.289	0.385	4.0	20.00
4370	40.5309	117.6995	-154.3	626	PIPH2	0	0	0	0	79	43.7	1600	29	45	128	1.552	0.352	0.227	4.0	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4371	40.5312	117.6995	-153.9	638	PIPH2	0	0	0	0	75	43.9	1637	39	35	131	0.897	0.267	0.298	4.0	20.00
4372	40.5316	117.6995	-154.3	638	PIPH2	0	0	0	0	80	43.9	1657	26	50	129	1.923	0.388	0.202	3.9	20.00
4373	40.5319	117.6995	-153.8	629	PIPH2	0	0	0	1	76	43.7	1636	8	98	92	12.250	1.065	0.087	3.9	20.00
4374	40.5323	117.6995	-155.3	622	PIPH2	0	0	0	0	69	43.6	1702	20	71	148	3.550	0.480	0.135	3.9	20.00
4375	40.5326	117.6996	-153.8	578	PIPH2	0	0	0	0	73	42.8	1624	28	62	118	2.214	0.525	0.237	3.8	20.00
4376	40.5329	117.6996	-153.6	506	PIPH2	0	0	0	0	67	41.4	1570	30	80	125	2.667	0.640	0.240	3.8	20.00
4377	40.5333	117.6996	-153.7	490	PIPH2	0	0	0	0	75	41.0	1707	40	86	155	2.150	0.555	0.258	3.8	20.00
4378	40.5336	117.6996	-152.2	482	PIPH2	0	0	0	0	71	40.9	1707	43	42	151	0.977	0.278	0.285	3.8	20.00
4379	40.5340	117.6996	-154.2	476	PIPH2	0	0	0	0	76	40.7	1902	47	102	168	2.170	0.607	0.280	3.8	20.00
4380	40.5343	117.6996	-155.2	489	TRK	0	0	0	0	75	41.0	1732	30	142	93	4.733	1.527	0.323	3.7	20.00
4381	40.5346	117.6996	-155.6	498	TRK	0	0	0	0	69	41.2	1679	47	44	185	0.936	0.238	0.254	3.8	20.00
4382	40.5350	117.6996	-153.7	537	TRK	0	0	0	0	67	42.0	1629	32	120	90	3.750	1.333	0.356	3.7	20.00
4383	40.5353	117.6996	-155.1	544	TRK	0	0	0	0	80	42.1	1549	38	65	134	1.711	0.485	0.284	3.7	20.00
4384	40.5357	117.6996	-152.4	555	TRK	0	0	0	0	72	42.3	1511	19	78	138	4.105	0.565	0.138	3.7	20.00
4385	40.5360	117.6996	-152.0	507	TRK	0	0	0	0	69	41.4	1289	25	103	54	4.120	1.907	0.463	3.7	20.00
4386	40.5364	117.6997	-151.1	490	TRK	0	0	0	0	73	41.0	1412	31	66	97	2.129	0.680	0.320	3.8	20.00
4387	40.5367	117.6997	-151.9	477	TRK	0	0	1	0	78	40.8	1457	49	20	119	0.408	0.168	0.412	3.9	20.00
4388	40.5370	117.6997	-148.9	438	TRK	0	0	0	0	77	39.9	1385	21	97	99	4.619	0.980	0.212	3.9	20.00
4389	40.5374	117.6997	-147.1	432	TRK	0	0	1	0	84	44.9	1415	37	13	136	0.351	0.096	0.272	3.9	20.00
4390	40.5377	117.6997	-147.2	450	TRK	0	0	0	0	74	45.4	1435	30	57	115	1.900	0.496	0.261	3.9	20.00
4391	40.5381	117.6997	-145.2	470	TRK	0	0	0	0	78	45.9	1434	24	70	148	2.917	0.473	0.162	3.9	20.00
4392	40.5384	117.6997	-142.5	482	TRK	0	0	0	0	83	46.2	1378	26	49	137	1.885	0.358	0.190	3.9	20.00
4393	40.5387	117.6997	-145.2	487	TRK	0	0	1	0	73	46.3	1358	24	22	121	0.917	0.182	0.198	4.0	20.00
4394	40.5391	117.6997	-147.8	493	TRK	0	0	0	0	72	46.4	1356	28	98	94	3.500	1.043	0.298	4.0	20.00
4395	40.5394	117.6997	-148.5	496	TRK	0	0	0	0	82	46.5	1484	9	91	128	10.111	0.711	0.070	4.0	20.00
4396	40.5398	117.6997	-147.7	493	TRK	0	0	0	0	66	46.4	1373	30	39	102	1.300	0.382	0.294	4.0	20.00
4397	40.5401	117.6997	-148.1	488	TRK	0	0	0	0	67	46.3	1496	9	55	177	6.111	0.311	0.051	4.1	20.00
4398	40.5405	117.6998	-149.7	472	TRK	0	0	0	0	84	45.9	1458	21	73	105	3.476	0.695	0.200	4.1	20.00
4399	40.5408	117.6998	-152.1	446	TRK	0	0	0	0	91	45.3	1419	23	62	116	2.696	0.534	0.198	4.1	20.00
4400	40.5411	117.6998	-152.1	464	QAL	0	0	0	0	81	45.7	1421	9	73	125	8.111	0.584	0.072	4.1	20.00
4401	40.5415	117.6998	-152.9	487	QAL	0	0	0	0	58	46.3	1416	24	78	113	3.250	0.690	0.212	4.1	20.00
4402	40.5418	117.6998	-154.5	494	QAL	0	0	0	0	72	46.4	1360	18	74	105	4.111	0.705	0.171	4.1	20.00
4403	40.5422	117.6998	-156.4	499	QAL	0	0	0	0	78	46.6	1430	16	53	131	3.313	0.405	0.122	4.1	20.00
4404	40.5425	117.6998	-154.6	525	QAL	0	0	0	0	74	47.2	1305	15	59	84	3.933	0.702	0.179	4.1	20.00
4405	40.5428	117.6998	-154.7	574	QAL	0	0	0	1	73	48.2	1412	8	68	119	8.500	0.571	0.067	4.1	20.00
4406	40.5432	117.6998	-153.1	608	QAL	0	0	0	0	78	49.0	1490	21	38	128	1.810	0.297	0.164	4.2	20.00
4407	40.5435	117.6998	-155.0	607	QAL	0	0	0	0	65	48.9	1414	30	90	47	3.000	1.915	0.638	4.2	20.00
4408	40.5439	117.6998	-156.3	599	QAL	0	0	0	0	57	55.4	1482	47	67	58	1.426	1.155	0.810	4.2	20.00
4409	40.5442	117.6999	-155.7	600	QAL	0	0	0	0	62	55.4	1584	25	114	92	4.560	1.239	0.272	4.2	20.00
4410	40.5445	117.6999	-156.9	625	PIPH2	0	0	0	0	77	56.0	1699	19	116	116	6.444	1.000	0.155	4.3	20.00
4411	40.5449	117.6999	-158.0	635	PIPH2	0	0	0	0	68	56.2	1807	46	50	139	1.087	0.360	0.331	4.2	20.00
4412	40.5452	117.6999	-161.1	649	PIPH2	0	0	0	0	76	56.5	1731	32	58	149	1.813	0.389	0.215	4.2	20.00
4413	40.5456	117.6999	-159.8	648	PIPH2	0	0	0	0	72	56.5	1698	38	75	123	1.974	0.610	0.309	4.2	20.00
4414	40.5459	117.6999	-159.2	655	PIPH2	0	0	0	0	69	56.7	1796	35	81	148	2.314	0.547	0.236	4.3	20.00
4415	40.5463	117.6999	-159.9	676	PIPH2	0	0	0	0	67	57.1	1936	46	83	130	1.804	0.638	0.354	4.4	20.00
4416	40.5466	117.6999	-161.6	669	PIPH2	0	0	0	0	68	57.0	1775	49	104	91	2.122	1.143	0.538	4.4	20.00
4417	40.5469	117.6999	-161.2	656	PIPH2	0	0	1	0	75	56.7	1862	49	-7	212	-0.143	-0.033	0.231	4.4	20.00
4418	40.5473	117.6999	-161.4	552	PIPH2	0	0	0	0	67	56.6	1753	52	108	106	2.077	1.019	0.491	4.4	20.00
4419	40.5476	117.6999	-163.6	616	PIPH2	0	0	0	0	66	55.8	1870	57	54	144	0.947	0.375	0.396	4.4	20.00
4420	40.5480	117.7000	-164.3	617	QAL	0	0	1	0	71	55.8	1707	47	19	132	0.404	0.144	0.356	4.4	20.00
4421	40.5483	117.7000	-166.9	600	QAL	0	0	0	0	72	55.4	1716	22	93	143	4.227	0.650	0.154	4.4	20.00
4422	40.5486	117.7000	-167.5	584	QAL	0	0	0	0	64	55.0	1851	54	74	148	1.370	0.500	0.365	4.5	20.00
4423	40.5490	117.7000	-167.4	548	QAL	0	0	0	0	76	54.2	1799	28	120	147	4.286	0.816	0.190	4.4	20.00
4424	40.5493	117.7000	-167.6	517	QAL	0	0	0	0	68	53.4	1655	62	81	40	1.306	2.025	1.550	4.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4425	40.5497	117.7000	-168.5	496	QAL	0	0	1	0	70	52.8	1584	49	8	156	0.163	0.051	0.314	4.5	20.00
4426	40.5500	117.7000	-169.2	494	QAL	0	0	0	0	71	52.8	1552	30	59	157	1.967	0.376	0.191	4.5	20.00
4427	40.5504	117.7000	-168.9	494	QAL	0	0	0	0	68	51.1	1741	36	59	152	1.639	0.388	0.237	4.6	20.00
4428	40.5507	117.7000	-166.6	495	QAL	0	0	0	0	81	51.1	1804	33	133	117	4.030	1.137	0.282	4.6	20.00
4429	40.5510	117.7000	-166.0	497	QAL	0	0	0	0	78	51.2	1862	49	46	161	0.939	0.286	0.304	4.6	20.00
4430	40.5514	117.7000	-168.1	499	QAL	0	0	0	0	73	51.2	1789	60	35	150	0.583	0.233	0.400	4.6	20.00
4431	40.5517	117.7000	-166.5	506	QAL	0	0	0	0	74	51.4	1830	37	114	143	3.081	0.797	0.259	4.7	20.00
4432	40.5521	117.7001	-169.3	518	QAL	0	0	0	0	72	51.7	1663	36	48	190	1.333	0.253	0.189	4.7	20.00
4433	40.5524	117.7001	-170.6	510	QAL	0	0	0	0	70	51.5	1651	51	128	51	2.510	2.510	1.000	4.7	20.00
4434	40.5527	117.7001	-172.5	509	QAL	0	0	0	0	72	51.5	1565	30	52	129	1.733	0.403	0.233	4.8	20.00
4435	40.5531	117.7001	-174.1	497	QAL	0	0	0	0	66	51.2	1530	39	60	115	1.538	0.522	0.339	4.8	20.00
4436	40.5534	117.7001	-176.0	494	QAL	0	0	0	0	65	51.1	1572	44	42	85	0.955	0.494	0.518	4.8	20.00
4437	40.5538	117.7001	-175.0	492	QAL	0	0	0	0	71	51.0	1597	32	88	96	2.750	0.917	0.333	4.9	20.00
4438	40.5541	117.7001	-174.2	487	QAL	0	0	0	0	63	50.9	1362	21	99	107	4.714	0.925	0.196	4.8	20.00
4439	40.5545	117.7001	-172.6	489	QAL	0	0	0	0	70	51.0	1540	39	76	113	1.949	0.673	0.345	4.8	20.00
4440	40.5548	117.7001	-176.1	489	QAL	0	0	0	0	72	51.0	1528	25	101	108	4.040	0.935	0.231	4.9	20.00
4441	40.5551	117.7001	-177.3	487	QAL	0	0	1	0	72	50.9	1578	38	11	136	0.289	0.081	0.279	4.9	20.00
4442	40.5555	117.7001	-178.2	486	QAL	0	0	0	0	66	50.9	1543	31	108	117	3.484	0.923	0.265	4.9	20.00
4443	40.5558	117.7002	-179.6	488	QAL	0	0	0	0	69	50.9	1634	25	70	135	2.800	0.519	0.185	5.0	20.00
4444	40.5562	117.7002	-181.5	493	QAL	0	0	0	0	66	51.1	1643	26	102	90	3.923	1.133	0.289	5.0	20.00
4445	40.5565	117.7002	-180.4	496	QAL	0	0	0	0	60	51.1	1664	58	43	158	0.741	0.272	0.367	5.0	20.00
4446	40.5568	117.7002	-182.4	496	QAL	0	0	0	0	70	56.7	1733	42	95	133	2.262	0.714	0.316	5.0	20.00
4447	40.5572	117.7002	-183.3	493	QAL	0	0	0	0	66	56.6	1738	37	37	175	1.000	0.211	0.211	5.0	20.00
4448	40.5575	117.7002	-183.5	489	QAL	0	0	0	0	75	56.4	1657	30	154	78	5.133	1.974	0.385	5.0	20.00
4449	40.5579	117.7002	-181.2	486	QAL	0	0	0	0	68	56.4	1706	54	49	128	0.907	0.383	0.422	5.0	20.00
4450	40.5582	117.7002	-180.2	487	QAL	0	0	0	0	74	56.4	1707	39	99	131	2.538	0.756	0.298	5.1	20.00
4451	40.5585	117.7002	-177.3	488	QAL	0	0	0	0	71	56.4	1762	25	100	138	4.000	0.725	0.181	5.1	20.00
4452	40.5589	117.7002	-174.8	487	QAL	0	0	0	0	64	56.4	1764	35	42	191	1.200	0.220	0.183	5.1	20.00
4453	40.5592	117.7002	-171.2	488	QAL	0	0	0	0	67	56.4	1827	45	128	114	2.844	1.123	0.395	5.2	20.00
4454	40.5596	117.7003	-169.4	486	QAL	0	0	0	0	73	56.4	1742	51	50	142	0.980	0.352	0.359	5.2	20.00
4455	40.5599	117.7003	-164.9	484	QAL	0	0	0	0	78	56.3	1876	49	98	123	2.000	0.797	0.398	5.2	20.00
4456	40.5603	117.7003	-166.3	483	QAL	0	0	0	0	65	56.3	1904	43	174	104	4.047	1.673	0.413	5.2	20.00
4457	40.5606	117.7003	-164.8	481	QAL	0	0	0	0	66	56.2	1943	58	82	154	1.414	0.532	0.377	5.2	20.00
4458	40.5609	117.7003	-166.2	478	QAL	0	0	0	0	70	56.1	1823	36	127	116	3.528	1.095	0.310	5.2	20.00
4459	40.5613	117.7003	-167.2	473	QAL	0	0	0	0	65	56.0	1936	45	80	148	1.778	0.541	0.304	5.2	20.00
4460	40.5616	117.7003	-170.7	469	QAL	0	0	0	0	70	55.9	1918	28	134	126	4.786	1.063	0.222	5.3	20.00
4461	40.5620	117.7003	-173.6	465	QAL	0	0	0	0	71	55.8	1831	37	146	120	3.946	1.217	0.308	5.3	20.00
4462	40.5623	117.7003	-176.1	463	QAL	0	0	0	0	65	55.7	1852	48	143	111	2.979	1.288	0.432	5.3	20.00
4463	40.5626	117.7003	-178.3	460	QAL	0	0	0	0	63	55.6	1857	51	75	152	1.471	0.493	0.336	5.3	20.00
4464	40.5630	117.7003	-177.5	461	QAL	0	0	0	0	72	55.7	1950	49	90	120	1.837	0.750	0.408	5.3	20.00
4465	40.5633	117.7003	-177.7	451	QAL	0	0	0	0	74	52.9	1890	50	148	107	2.960	1.383	0.467	5.3	20.00
4466	40.5637	117.7004	-176.5	445	QAL	0	0	0	0	67	52.7	1878	38	135	145	3.553	0.931	0.262	5.3	20.00
4467	40.5640	117.7004	-176.0	436	QAL	0	0	0	0	71	52.5	1780	53	100	140	3.030	0.714	0.236	5.2	20.00
4468	40.5644	117.7004	-177.7	434	QAL	0	0	0	0	73	52.4	1813	45	107	154	2.378	0.695	0.292	5.3	20.00
4469	40.5647	117.7004	-176.3	435	QAL	0	0	0	0	64	52.5	1831	45	57	193	1.267	0.295	0.233	5.3	20.00
4470	40.5650	117.7004	-178.5	437	QAL	0	0	0	0	67	52.5	1763	53	39	193	0.736	0.202	0.275	5.3	20.00
4471	40.5654	117.7004	-177.9	437	QAL	0	0	0	0	61	52.5	1803	48	147	119	3.063	1.235	0.403	5.3	20.00
4472	40.5657	117.7004	-176.9	439	QAL	0	0	0	0	61	52.6	1859	54	79	161	1.463	0.491	0.335	5.3	20.00
4473	40.5661	117.7004	-177.1	437	QAL	0	0	0	0	70	52.5	1682	64	81	113	1.266	0.717	0.566	5.3	20.00
4474	40.5664	117.7004	-177.7	442	QAL	0	0	0	0	67	52.7	1833	46	93	139	2.022	0.669	0.331	5.4	20.00
4475	40.5667	117.7004	-178.4	443	QAL	0	0	0	0	63	52.7	1852	53	46	199	0.868	0.231	0.266	5.4	20.00
4476	40.5671	117.7004	-181.6	440	QAL	0	0	0	0	65	52.6	1793	36	151	131	4.194	1.153	0.275	5.4	20.00
4477	40.5674	117.7005	-185.1	436	QAL	0	0	0	0	69	52.5	1949	50	115	144	2.300	0.799	0.347	5.5	20.00
4478	40.5678	117.7005	-191.8	433	QAL	0	0	0	0	80	52.4	1871	50	70	165	1.400	0.424	0.303	5.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4479	40.5681	117.7005	-195.7	432	QAL	0	0	0	0	68	52.4	1878	53	100	162	1.887	0.617	0.327	5.5	20.00
4480	40.5684	117.7005	-195.9	429	QAL	0	0	0	0	64	52.3	1810	64	53	148	0.828	0.358	0.432	5.5	20.00
4481	40.5688	117.7005	-197.6	428	QAL	0	0	0	0	68	52.3	1885	61	93	182	1.525	0.511	0.335	5.5	20.00
4482	40.5691	117.7005	-198.3	428	QAL	0	0	0	0	69	52.3	1830	35	181	126	5.171	1.437	0.278	5.6	20.00
4483	40.5695	117.7005	-198.0	426	QAL	0	0	0	0	64	52.2	1852	64	99	135	1.547	0.733	0.474	5.6	20.00
4484	40.5698	117.7005	-194.6	432	QAL	0	0	0	0	65	49.1	1846	41	94	174	2.293	0.540	0.236	5.7	20.00
4485	40.5702	117.7005	-193.5	437	QAL	0	0	0	0	62	49.3	1865	61	85	109	1.393	0.780	0.560	5.7	20.00
4486	40.5705	117.7005	-192.5	440	QAL	0	0	0	0	63	49.3	1913	46	98	178	2.130	0.551	0.258	5.7	20.00
4487	40.5708	117.7005	-191.1	439	QAL	0	0	0	0	66	49.3	1923	52	111	137	2.135	0.810	0.380	5.7	20.00
4488	40.5712	117.7006	-192.1	436	QAL	0	0	0	0	70	49.3	1866	44	102	166	2.318	0.614	0.265	5.6	20.00
4489	40.5715	117.7006	-190.1	431	QAL	0	0	0	0	73	49.1	1924	49	137	142	2.796	0.965	0.345	5.7	20.00
4490	40.5719	117.7006	-188.3	428	QAL	0	0	0	0	65	49.0	1922	50	134	144	2.680	0.931	0.347	5.7	20.00
4491	40.5722	117.7006	-183.2	427	QAL	0	0	0	0	58	49.0	1973	38	147	166	3.868	0.886	0.229	5.7	20.00
4492	40.5725	117.7006	-187.4	424	QAL	0	0	0	0	63	48.9	1909	48	142	157	2.958	0.904	0.306	5.7	20.00
4493	40.5729	117.7006	-187.1	425	QAL	0	0	0	0	64	48.9	2051	50	133	175	2.660	0.760	0.286	5.7	20.00
4494	40.5732	117.7006	-189.3	424	QAL	0	0	0	0	66	48.9	1966	59	120	148	2.034	0.811	0.399	5.7	20.00
4495	40.5736	117.7006	-190.2	427	QAL	0	0	0	0	62	49.0	1914	51	158	125	3.098	1.264	0.408	5.7	20.00
4496	40.5739	117.7006	-194.1	428	QAL	0	0	0	0	65	49.0	1887	54	91	157	1.685	0.580	0.344	5.7	20.00
4497	40.5743	117.7006	-196.0	429	QAL	0	0	0	0	58	49.1	1837	40	142	118	3.550	1.203	0.339	5.6	20.00
4498	40.5746	117.7006	-196.9	434	QAL	0	0	0	0	66	49.2	1953	51	132	143	2.588	0.923	0.357	5.7	20.00
4499	40.5749	117.7006	-200.4	436	QAL	0	0	0	0	60	49.2	1926	43	113	187	2.628	0.604	0.230	5.7	20.00
4500	40.5753	117.7007	-202.0	441	QAL	0	0	0	0	70	49.4	1920	55	83	172	1.509	0.483	0.320	5.7	20.00
4501	40.5756	117.7007	-205.7	442	QAL	0	0	0	0	64	49.4	1937	78	78	178	1.000	0.438	0.438	5.7	20.00
4502	40.5760	117.7007	-208.1	438	QAL	0	0	0	0	58	49.3	1822	46	118	154	2.565	0.766	0.299	5.7	20.00
4503	40.5763	117.7007	-208.9	437	QAL	0	0	0	0	68	46.1	2018	50	137	122	2.740	1.123	0.410	5.7	20.00
4504	40.5766	117.7007	-213.1	435	QAL	0	0	0	0	61	46.0	1987	52	154	143	2.962	1.077	0.364	5.6	20.00
4505	40.5770	117.7007	-218.3	427	QAL	0	0	0	0	65	45.8	1906	49	204	106	4.163	1.925	0.462	5.7	20.00
4506	40.5773	117.7007	-218.5	423	QAL	0	0	0	0	59	45.7	1851	40	203	121	5.075	1.678	0.331	5.6	20.00
4507	40.5777	117.7007	-218.7	425	QAL	0	0	0	0	55	45.8	1922	66	102	166	1.545	0.614	0.398	5.7	20.00
4508	40.5782	117.7008	-217.2	429	QAL	0	0	0	0	66	45.9	2110	65	78	218	1.200	0.358	0.298	5.6	20.00
4509	40.5788	117.7008	-219.2	430	QAL	0	0	0	0	69	45.9	2052	55	116	230	2.109	0.504	0.239	5.6	20.00
4510	40.5794	117.7009	-219.0	430	QAL	0	0	0	0	61	45.9	1924	61	105	167	1.721	0.629	0.365	5.6	20.00
4511	40.5799	117.7009	-219.6	430	QAL	0	0	0	0	64	45.9	1935	51	109	192	2.137	0.568	0.266	5.6	20.00
4512	40.5805	117.7010	-219.1	432	QAL	0	0	0	0	74	45.9	1998	45	183	129	4.067	1.419	0.349	5.6	20.00
4513	40.5811	117.7010	-218.4	429	QAL	0	0	0	0	66	45.9	2101	54	134	177	2.481	0.757	0.305	5.7	20.00
4514	40.5816	117.7011	-218.2	428	QAL	0	0	0	0	60	45.8	1950	60	130	130	2.167	1.000	0.462	5.7	20.00
4515	40.5822	117.7012	-218.5	431	QAL	0	0	0	0	69	45.9	1932	55	62	197	1.127	0.315	0.279	5.7	20.00
4516	40.5828	117.7012	-219.6	430	QAL	0	0	0	0	59	45.9	2036	50	168	167	3.360	1.006	0.299	5.7	20.00
4517	40.5833	117.7013	-219.9	426	QAL	0	0	0	0	69	45.8	1997	44	161	148	3.659	1.088	0.297	5.7	20.00
4518	40.5839	117.7013	-220.2	421	QAL	0	0	0	0	65	45.6	1955	59	109	179	1.879	0.609	0.324	5.6	20.00
4519	40.5845	117.7014	-220.3	417	QAL	0	0	0	0	64	45.6	2106	68	138	179	2.029	0.771	0.380	5.6	20.00
4520	40.5851	117.7014	-222.4	417	QAL	0	0	0	0	64	45.5	2120	68	175	137	2.574	1.277	0.496	5.5	20.00
4521	40.5856	117.7015	-222.9	415	QAL	0	0	0	0	68	45.5	2097	68	63	210	0.926	0.300	0.324	5.5	20.00
4522	40.5862	117.7015	-222.5	412	QAL	0	0	0	0	62	46.7	2121	80	82	185	1.025	0.443	0.432	5.4	20.00
4523	40.5868	117.7016	-222.8	407	QAL	0	0	0	0	54	46.6	2163	54	167	189	3.093	0.884	0.286	5.5	20.00
4524	40.5873	117.7016	-224.4	406	QAL	0	0	0	0	66	46.6	2112	75	93	200	1.240	0.465	0.375	5.4	20.00
4525	40.5879	117.7017	-223.7	408	QAL	0	0	0	0	69	46.6	2243	49	196	179	4.000	1.095	0.274	5.4	20.00
4526	40.5885	117.7018	-227.0	407	QAL	0	0	0	0	70	46.6	2132	42	201	154	4.786	1.305	0.273	5.4	20.00
4527	40.5890	117.7018	-228.5	408	QAL	0	0	0	0	62	46.6	2241	49	202	172	4.122	1.174	0.285	5.4	20.00
4528	40.5896	117.7019	-227.3	408	QAL	0	0	0	0	67	46.6	2191	67	142	183	2.119	0.776	0.366	5.4	20.00
4529	40.5902	117.7019	-226.9	406	QAL	0	0	0	0	67	46.6	2220	64	152	181	2.375	0.840	0.354	5.4	20.00
4530	40.5907	117.7020	-227.2	402	QAL	0	0	0	0	62	46.5	2244	77	69	225	0.896	0.307	0.342	5.4	20.00
4531	40.5913	117.7020	-229.3	397	QAL	0	0	0	0	63	46.3	2240	63	160	185	2.540	0.865	0.341	5.4	20.00
4532	40.5919	117.7021	-227.2	392	QAL	0	0	0	0	64	46.2	2151	62	74	244	1.194	0.303	0.254	5.3	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4533	40.5924	117.7021	-226.7	388	QAL	0	0	0	0	71	46.1	2069	51	91	247	1.784	0.368	0.206	5.3	20.00
4534	40.5930	117.7022	-227.3	388	QAL	0	0	0	0	62	46.1	2203	65	125	229	1.923	0.546	0.284	5.4	20.00
4535	40.5936	117.7022	-226.1	391	QAL	0	0	0	0	67	46.1	2149	75	43	241	0.573	0.178	0.311	5.4	20.00
4536	40.5941	117.7023	-226.4	391	QAL	0	0	0	0	55	46.2	2145	58	97	246	1.672	0.394	0.236	5.3	20.00
4537	40.5947	117.7024	-225.1	394	QAL	0	0	0	0	65	46.2	2087	58	77	188	1.328	0.410	0.309	5.3	20.00
4538	40.5953	117.7024	-228.4	394	QAL	0	0	0	0	56	46.3	2019	63	140	176	2.222	0.795	0.358	5.3	20.00
4539	40.5958	117.7025	-228.7	394	QAL	0	0	0	0	53	46.2	2051	55	86	196	1.564	0.439	0.281	5.3	20.00
4540	40.5964	117.7025	-229.5	396	QAL	0	0	0	0	67	46.3	2020	35	159	189	4.543	0.841	0.185	5.3	20.00
4541	40.5970	117.7026	-229.1	394	QAL	0	0	0	0	66	56.5	2036	41	143	209	3.488	0.684	0.196	5.3	20.00
4542	40.5975	117.7026	-227.9	393	QAL	0	0	0	0	60	56.4	2072	44	175	164	3.977	1.067	0.268	5.3	20.00
4543	40.5981	117.7027	-227.7	395	QAL	0	0	0	0	61	56.5	2094	64	104	192	1.625	0.542	0.333	5.3	20.00
4544	40.5987	117.7027	-226.9	394	QAL	0	0	0	0	71	56.5	2090	56	140	172	2.500	0.814	0.326	5.3	20.00
4545	40.5992	117.7028	-229.8	393	QAL	0	0	0	0	64	56.4	2128	56	150	152	2.679	0.987	0.368	5.3	20.00
4546	40.5998	117.7028	-228.3	389	QAL	0	0	0	0	68	56.3	2094	40	164	186	4.100	0.882	0.215	5.2	20.00
4547	40.6004	117.7029	-229.6	389	QAL	0	0	0	0	63	56.3	1994	54	129	174	2.389	0.741	0.310	5.3	20.00
4548	40.6010	117.7029	-229.7	385	QAL	0	0	0	0	71	56.2	2085	43	88	227	2.047	0.388	0.189	5.3	20.00
4549	40.6015	117.7030	-231.6	378	QAL	0	0	1	0	64	55.9	1949	64	6	223	0.094	0.027	0.287	5.3	20.00
4550	40.6021	117.7031	-230.1	377	QAL	0	0	0	0	65	55.9	2023	59	112	197	1.898	0.569	0.299	5.3	20.00
4551	40.6025	117.7030	-231.1	376	QAL	0	0	0	0	66	55.9	1931	73	71	154	0.973	0.461	0.474	5.2	20.00
4552	40.6028	117.7030	-230.5	378	QAL	0	0	0	0	65	55.9	2068	59	121	191	2.051	0.634	0.309	5.2	20.00
4553	40.6032	117.7030	-233.0	373	QAL	0	0	0	0	65	55.8	1949	63	120	133	1.905	0.902	0.474	5.2	20.00
4554	40.6036	117.7030	-233.7	371	QAL	0	0	0	0	57	55.7	2002	55	137	222	2.491	0.617	0.248	5.2	20.00
4555	40.6039	117.7030	-232.2	368	QAL	0	0	0	0	71	55.6	1997	52	109	182	2.096	0.599	0.286	5.2	20.00
4556	40.6043	117.7030	-232.5	361	QAL	0	0	0	0	76	55.3	1875	33	167	149	5.061	1.121	0.221	5.2	20.00
4557	40.6046	117.7030	-234.4	360	QAL	0	0	0	0	54	55.3	2018	42	190	177	4.524	1.073	0.237	5.2	20.00
4558	40.6050	117.7030	-232.5	349	QAL	0	0	0	0	62	54.9	1860	40	134	185	3.350	0.724	0.216	5.2	20.00
4559	40.6054	117.7030	-230.5	344	QAL	0	0	0	0	58	54.7	1961	54	123	177	2.278	0.695	0.305	5.3	20.00
4560	40.6057	117.7030	-233.7	341	QAL	0	0	0	0	60	57.5	1941	54	93	213	1.722	0.437	0.254	5.3	20.00
4561	40.6061	117.7030	-233.2	340	QAL	0	0	0	0	57	57.4	1966	42	187	179	4.452	1.045	0.235	5.3	20.00
4562	40.6065	117.7029	-234.1	337	QAL	0	0	0	0	63	57.3	1975	70	110	163	1.571	0.675	0.429	5.3	20.00
4563	40.6068	117.7029	-233.6	337	QAL	0	0	0	0	64	57.3	2005	59	80	182	1.356	0.440	0.324	5.3	20.00
4564	40.6072	117.7029	-233.0	336	QAL	0	0	0	0	59	57.3	1930	73	116	132	1.589	0.879	0.553	5.3	20.00
4565	40.6076	117.7029	-232.5	333	QAL	0	0	0	0	65	57.2	1962	47	103	199	2.191	0.518	0.236	5.2	20.00
4566	40.6079	117.7029	-234.2	330	QAL	0	0	0	0	70	57.1	1914	45	91	218	2.022	0.417	0.206	5.2	20.00
4567	40.6083	117.7029	-233.5	325	QAL	0	0	0	0	63	56.9	1995	54	134	165	2.481	0.812	0.327	5.3	20.00
4568	40.6087	117.7029	-234.2	317	QAL	0	0	0	0	65	56.6	1980	51	157	195	3.078	0.805	0.262	5.3	20.00
4569	40.6090	117.7029	-234.0	313	QAL	0	0	0	0	65	56.4	1993	47	105	205	2.234	0.512	0.229	5.4	20.00
4570	40.6094	117.7029	-234.6	319	QAL	0	0	0	0	68	56.7	1891	70	107	177	1.529	0.605	0.395	5.4	20.00
4571	40.6098	117.7029	-234.5	325	QAL	0	0	0	0	53	56.9	1848	48	122	172	2.542	0.709	0.279	5.4	20.00
4572	40.6101	117.7029	-236.2	331	QAL	0	0	0	0	62	57.1	2019	40	199	181	4.975	1.099	0.221	5.5	20.00
4573	40.6105	117.7028	-237.4	330	QAL	0	0	0	0	65	57.1	2003	61	97	190	1.590	0.511	0.321	5.6	20.00
4574	40.6109	117.7028	-239.6	326	QAL	0	0	0	0	56	56.9	2003	62	178	157	2.871	1.134	0.395	5.5	20.00
4575	40.6112	117.7028	-237.6	325	QAL	0	0	0	0	55	56.9	1943	41	111	203	2.707	0.547	0.202	5.6	20.00
4576	40.6116	117.7028	-238.0	324	QAL	0	0	0	0	70	56.8	1960	55	71	206	1.291	0.345	0.267	5.6	20.00
4577	40.6120	117.7028	-238.5	320	QAL	0	0	0	0	69	56.7	2097	80	34	200	0.425	0.170	0.400	5.6	20.00
4578	40.6123	117.7028	-237.5	315	QAL	0	0	0	0	70	56.5	1957	56	81	193	1.446	0.420	0.290	5.5	20.00
4579	40.6127	117.7028	-238.5	311	QAL	0	0	0	0	63	61.3	2001	60	143	175	2.383	0.817	0.343	5.6	20.00
4580	40.6131	117.7028	-240.2	313	QAL	0	0	0	0	60	61.4	1982	55	127	198	2.309	0.641	0.278	5.6	20.00
4581	40.6134	117.7028	-241.4	314	QAL	0	0	0	0	66	61.4	1939	60	110	186	1.833	0.591	0.323	5.6	20.00
4582	40.6138	117.7028	-240.6	312	QAL	0	0	0	0	62	61.4	2033	58	176	145	3.034	1.214	0.400	5.6	20.00
4583	40.6142	117.7028	-242.6	312	QAL	0	0	0	0	64	61.4	2020	52	125	199	2.404	0.628	0.261	5.6	20.00
4584	40.6145	117.7027	-245.2	316	QAL	0	0	0	0	57	61.6	2017	52	66	216	1.269	0.306	0.241	5.6	20.00
4585	40.6149	117.7027	-244.1	320	QAL	0	0	0	0	73	61.7	1943	47	116	190	2.468	0.611	0.247	5.6	20.00
4586	40.6153	117.7027	-244.1	321	QAL	0	0	1	0	61	61.8	1938	71	12	234	0.169	0.051	0.303	5.6	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4587	40.6156	117.7027	-243.8	324	QAL	0	0	0	0	78	61.9	1875	53	94	186	1.774	0.505	0.285	5.6	20.00
4588	40.6160	117.7027	-245.2	327	QAL	0	0	0	0	65	62.0	1989	44	120	194	2.727	0.619	0.227	5.7	20.00
4589	40.6164	117.7027	-246.6	328	QAL	0	0	0	0	58	62.0	2018	55	87	183	1.582	0.475	0.301	5.7	20.00
4590	40.6167	117.7027	-247.8	329	QAL	0	0	0	0	63	62.1	2038	62	85	175	1.371	0.486	0.354	5.7	20.00
4591	40.6171	117.7027	-248.0	328	QAL	0	0	0	0	61	62.0	1972	51	153	157	3.000	0.975	0.325	5.6	20.00
4592	40.6175	117.7027	-249.2	328	QAL	0	0	0	0	71	62.0	2010	63	43	205	0.683	0.210	0.307	5.6	20.00
4593	40.6178	117.7027	-250.3	321	QAL	0	0	0	0	62	61.7	2015	61	39	245	0.639	0.159	0.249	5.7	20.00
4594	40.6182	117.7026	-250.5	317	QAL	0	0	0	0	64	61.6	1922	58	164	118	2.828	1.390	0.492	5.6	20.00
4595	40.6185	117.7026	-251.2	309	QAL	0	0	0	0	62	61.2	1935	50	143	151	2.860	0.947	0.331	5.6	20.00
4596	40.6189	117.7026	-251.5	306	QAL	0	0	0	0	68	61.1	1925	62	61	199	0.984	0.307	0.312	5.7	20.00
4597	40.6193	117.7026	-251.9	304	QAL	0	0	0	0	62	61.0	1919	57	54	230	0.947	0.235	0.248	5.7	20.00
4598	40.6196	117.7026	-251.9	304	QAL	0	0	0	0	61	60.2	1989	41	47	241	1.146	0.195	0.170	5.7	20.00
4599	40.6200	117.7026	-255.3	303	QAL	0	0	0	0	63	60.2	1967	51	58	215	1.137	0.270	0.237	5.7	20.00
4600	40.6204	117.7026	-255.3	306	QAL	0	0	0	0	67	60.3	1972	62	114	197	1.839	0.579	0.315	5.6	20.00
4601	40.6207	117.7026	-254.5	308	QAL	0	0	0	0	78	60.4	1861	41	119	170	2.902	0.700	0.241	5.7	20.00
4602	40.6211	117.7026	-255.2	308	QAL	0	0	0	0	59	60.4	1969	49	126	182	2.571	0.692	0.269	5.8	20.00
4603	40.6215	117.7026	-255.8	313	QAL	0	0	0	0	64	60.6	1877	39	128	159	3.282	0.805	0.245	5.8	20.00
4604	40.6218	117.7026	-255.5	316	QAL	0	0	0	0	68	60.7	1887	62	49	179	0.790	0.274	0.346	5.8	20.00
4605	40.6222	117.7025	-257.4	320	QAL	0	0	0	0	63	60.9	1840	48	109	132	2.271	0.826	0.364	5.7	20.00
4606	40.6226	117.7025	-257.6	326	QAL	0	0	0	0	54	61.1	1951	65	105	167	1.615	0.629	0.389	5.8	20.00
4607	40.6229	117.7025	-256.7	328	QAL	0	0	0	0	65	61.3	1885	34	148	173	4.353	0.855	0.197	5.8	20.00
4608	40.6233	117.7025	-258.2	329	QAL	0	0	0	0	65	61.3	1824	55	96	157	1.745	0.611	0.350	5.9	20.00
4609	40.6237	117.7025	-257.0	323	QAL	0	0	0	0	59	61.0	1782	54	51	171	0.944	0.298	0.316	5.9	20.00
4610	40.6240	117.7025	-257.4	328	QAL	0	0	0	0	59	61.2	1903	52	100	163	1.923	0.613	0.319	6.0	20.00
4611	40.6244	117.7025	-258.3	326	QAL	0	0	0	0	60	61.2	1832	50	72	175	1.440	0.411	0.286	6.0	20.00
4612	40.6248	117.7025	-257.0	326	QAL	0	0	0	0	57	61.2	1792	54	109	143	2.019	0.762	0.378	6.0	20.00
4613	40.6251	117.7025	-258.2	327	QAL	0	0	0	0	58	61.2	1861	36	163	146	4.528	1.116	0.247	6.0	20.00
4614	40.6255	117.7025	-257.9	329	QAL	0	0	0	0	60	61.3	1902	52	154	121	2.962	1.273	0.430	6.0	20.00
4615	40.6259	117.7025	-258.6	332	QAL	0	0	0	0	68	61.4	1802	41	98	185	2.390	0.530	0.222	6.1	20.00
4616	40.6262	117.7024	-258.0	335	QAL	0	0	0	0	68	61.5	1870	46	74	162	1.609	0.457	0.284	6.1	20.00
4617	40.6266	117.7024	-258.5	336	QAL	0	0	0	0	58	57.4	1894	53	71	184	1.340	0.386	0.288	6.1	20.00
4618	40.6270	117.7024	-260.2	337	QAL	0	0	0	0	52	57.4	1936	42	125	177	2.976	0.706	0.237	6.1	20.00
4619	40.6273	117.7024	-258.1	341	QAL	0	0	0	0	59	57.6	1866	44	94	212	2.136	0.443	0.208	6.1	20.00
4620	40.6277	117.7024	-260.2	347	QAL	0	0	0	0	70	57.8	1870	49	121	155	2.469	0.781	0.316	6.2	20.00
4621	40.6281	117.7024	-260.1	354	QAL	0	0	0	0	67	58.1	1907	40	108	170	2.700	0.635	0.235	6.2	20.00
4622	40.6284	117.7024	-260.5	358	QAL	0	0	0	0	68	58.2	1861	72	61	163	0.847	0.374	0.442	6.2	20.00
4623	40.6288	117.7024	-260.5	355	QAL	0	0	0	0	62	58.1	1869	58	82	176	1.414	0.466	0.330	6.2	20.00
4624	40.6292	117.7024	-259.4	359	QAL	0	0	0	0	55	58.3	1814	46	77	185	1.674	0.416	0.249	6.3	20.00
4625	40.6295	117.7024	-260.4	361	QAL	0	0	0	0	67	58.4	1834	43	169	135	3.930	1.252	0.319	6.4	20.00
4626	40.6299	117.7023	-261.1	361	QAL	0	0	0	0	61	58.4	1785	45	147	122	3.267	1.205	0.369	6.3	20.00
4627	40.6303	117.7023	-261.2	363	QAL	0	0	0	0	71	58.4	1864	48	109	152	2.271	0.717	0.316	6.4	20.00
4628	40.6306	117.7023	-261.9	365	QAL	0	0	0	0	66	58.5	1939	49	62	220	1.265	0.282	0.223	6.4	20.00
4629	40.6310	117.7023	-262.1	367	QAL	0	0	0	0	70	58.6	1950	43	94	188	2.186	0.500	0.229	6.4	20.00
4630	40.6314	117.7023	-262.1	368	QAL	0	0	0	0	66	58.6	1880	37	104	152	2.811	0.684	0.243	6.5	20.00
4631	40.6317	117.7023	-261.5	370	QAL	0	0	0	0	70	58.7	1899	53	54	195	1.019	0.277	0.272	6.5	20.00
4632	40.6321	117.7023	-263.2	375	QAL	0	0	0	0	57	58.9	1869	35	118	169	3.371	0.698	0.207	6.5	20.00
4633	40.6324	117.7023	-261.8	381	QAL	0	0	0	0	58	59.1	1873	52	75	186	1.442	0.403	0.280	6.6	20.00
4634	40.6328	117.7023	-262.7	391	QAL	0	0	0	0	66	59.4	1790	49	52	185	1.061	0.281	0.265	6.6	20.00
4635	40.6332	117.7023	-264.1	390	QAL	0	0	0	0	63	59.4	1824	25	130	203	5.200	0.640	0.123	6.7	20.00
4636	40.6335	117.7023	-263.5	395	QAL	0	0	0	0	62	62.7	1962	47	91	168	1.936	0.542	0.280	6.8	20.00
4637	40.6339	117.7022	-265.0	395	QAL	0	0	0	0	63	62.8	1986	39	117	177	3.000	0.661	0.220	6.8	20.00
4638	40.6343	117.7022	-265.0	391	QAL	0	0	0	0	56	62.6	1916	56	125	140	2.232	0.893	0.400	6.7	20.00
4639	40.6346	117.7022	-265.2	384	QAL	0	0	0	0	57	62.4	1993	46	105	205	2.283	0.512	0.224	6.7	20.00
4640	40.6350	117.7022	-265.0	376	QAL	0	0	0	0	68	62.0	1875	43	106	177	2.465	0.599	0.243	6.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4641	40.6354	117.7022	-265.7	372	QAL	0	0	0	0	61	61.9	1913	42	155	146	3.690	1.062	0.288	6.8	20.00
4642	40.6357	117.7022	-267.4	372	QAL	0	0	0	0	70	61.9	1871	51	75	162	1.471	0.463	0.315	6.9	20.00
4643	40.6361	117.7022	-265.7	371	QAL	0	0	0	0	61	61.8	1992	36	168	154	4.667	1.091	0.234	7.0	20.00
4644	40.6365	117.7022	-268.1	370	QAL	0	0	0	0	80	61.8	1912	41	158	160	3.854	0.987	0.256	7.0	20.00
4645	40.6368	117.7022	-268.3	372	QAL	0	0	0	0	74	61.9	1895	32	129	174	4.031	0.741	0.184	7.1	20.00
4646	40.6372	117.7022	-269.4	378	QAL	0	0	0	0	62	62.1	1910	44	66	215	1.500	0.307	0.205	7.1	20.00
4647	40.6376	117.7022	-270.1	379	QAL	0	0	0	0	63	62.2	1933	37	98	196	2.649	0.500	0.189	7.1	20.00
4648	40.6379	117.7021	-268.8	385	QAL	0	0	0	0	72	62.4	1804	34	119	168	3.500	0.708	0.202	7.1	20.00
4649	40.6383	117.7021	-268.7	392	QAL	0	0	0	0	61	62.6	1932	56	153	149	2.732	1.027	0.376	7.1	20.00
4650	40.6387	117.7021	-269.1	396	QAL	0	0	0	0	57	62.8	1879	48	80	184	1.667	0.435	0.261	7.2	20.00
4651	40.6390	117.7021	-268.8	395	QAL	0	0	0	0	60	62.7	1948	45	94	182	2.089	0.516	0.247	7.2	20.00
4652	40.6394	117.7021	-268.5	396	QAL	0	0	0	0	64	62.8	1957	55	98	143	1.782	0.685	0.385	7.2	20.00
4653	40.6398	117.7021	-270.3	390	QAL	0	0	0	0	65	62.6	1969	33	86	218	2.606	0.394	0.151	7.3	20.00
4654	40.6401	117.7021	-270.2	389	QAL	0	0	0	0	60	62.5	1974	41	76	223	1.854	0.341	0.184	7.3	20.00
4655	40.6405	117.7021	-269.7	389	QAL	0	0	0	0	64	64.2	1897	53	96	154	1.811	0.623	0.344	7.3	20.00
4656	40.6409	117.7021	-269.6	396	QAL	0	0	0	0	62	64.5	1986	35	213	128	6.086	1.664	0.273	7.4	20.00
4657	40.6412	117.7021	-268.4	407	QAL	0	0	0	0	62	64.9	2124	38	152	183	4.000	0.831	0.208	7.4	20.00
4658	40.6416	117.7021	-267.8	411	QAL	0	0	0	0	63	65.1	2038	63	55	207	0.873	0.266	0.304	7.4	20.00
4659	40.6420	117.7020	-269.1	410	QAL	0	0	0	0	57	65.0	2049	54	86	199	1.593	0.432	0.271	7.4	20.00
4660	40.6423	117.7020	-270.0	411	QAL	0	0	0	0	71	65.1	2031	36	131	166	3.639	0.789	0.217	7.5	20.00
4661	40.6427	117.7020	-268.2	411	QAL	0	0	0	0	65	65.1	2062	55	102	168	1.855	0.607	0.327	7.5	20.00
4662	40.6431	117.7020	-269.2	410	QAL	0	0	0	0	72	65.0	1949	43	154	148	3.581	1.041	0.291	7.5	20.00
4663	40.6434	117.7020	-268.4	410	QAL	0	0	0	0	72	65.1	1971	61	88	154	1.443	0.571	0.396	7.6	20.00
4664	40.6438	117.7020	-268.3	414	QAL	0	0	0	0	65	65.2	1972	48	91	185	1.896	0.492	0.259	7.6	20.00
4665	40.6442	117.7020	-267.7	416	QAL	0	0	0	0	63	65.3	2027	40	118	231	2.950	0.511	0.173	7.7	20.00
4666	40.6445	117.7020	-267.4	414	QAL	0	0	0	0	65	65.2	1912	52	118	175	2.269	0.674	0.297	7.7	20.00
4667	40.6449	117.7020	-267.7	410	QAL	0	0	0	0	68	65.1	1974	41	149	121	3.634	1.231	0.339	7.8	20.00
4668	40.6453	117.7020	-266.4	409	QAL	0	0	0	0	60	65.0	1931	59	129	125	2.186	1.032	0.472	7.8	20.00
4669	40.6456	117.7019	-266.6	407	QAL	0	0	0	0	59	64.9	2021	38	97	194	2.553	0.500	0.196	7.9	20.00
4670	40.6460	117.7019	-264.5	406	QAL	0	0	0	0	54	64.9	1929	48	160	140	3.333	1.143	0.343	8.0	20.00
4671	40.6463	117.7019	-264.0	406	QAL	0	0	0	0	66	64.9	2063	49	90	191	1.837	0.471	0.257	8.1	20.00
4672	40.6467	117.7019	-263.7	406	QAL	0	0	0	0	67	64.9	2066	52	118	197	2.269	0.599	0.264	8.1	20.00
4673	40.6471	117.7019	-263.9	405	QAL	0	0	0	0	62	64.9	2009	62	34	201	0.548	0.169	0.308	8.2	20.00
4674	40.6474	117.7019	-263.9	406	QAL	0	0	0	0	71	69.3	2013	44	67	189	1.523	0.354	0.233	8.2	20.00
4675	40.6478	117.7019	-264.6	403	QAL	0	0	0	0	55	69.1	1994	48	75	220	1.563	0.341	0.218	8.3	20.00
4676	40.6482	117.7019	-263.5	404	QAL	0	0	0	0	66	69.2	1840	59	85	168	1.441	0.506	0.351	8.3	20.00
4677	40.6485	117.7019	-262.7	405	QAL	0	0	1	0	62	69.2	1802	42	24	189	0.571	0.127	0.222	8.4	20.00
4678	40.6489	117.7019	-262.9	406	QAL	0	0	0	0	74	69.2	2013	40	150	150	3.750	1.000	0.267	8.5	20.00
4679	40.6493	117.7019	-261.1	409	QAL	0	0	0	0	64	69.4	2078	50	92	164	1.840	0.561	0.305	8.6	20.00
4680	40.6496	117.7018	-259.5	408	QAL	0	0	0	0	64	69.3	1966	56	127	163	2.268	0.779	0.344	8.5	20.00
4681	40.6500	117.7018	-260.2	411	QAL	0	0	0	0	60	69.4	2014	55	131	144	2.382	0.910	0.382	8.5	20.00
4682	40.6504	117.7018	-258.6	414	QAL	0	0	0	0	57	69.6	2006	51	47	226	0.922	0.208	0.226	8.6	20.00
4683	40.6507	117.7018	-259.3	417	QAL	0	0	0	0	60	69.7	2042	65	68	189	1.046	0.360	0.344	8.6	20.00
4684	40.6511	117.7018	-258.5	416	QAL	0	0	0	0	66	69.6	2029	61	85	178	1.393	0.478	0.343	8.6	20.00
4685	40.6515	117.7018	-256.9	418	QAL	0	0	0	0	50	69.7	2017	55	106	160	1.927	0.663	0.344	8.7	20.00
4686	40.6518	117.7018	-258.1	421	QAL	0	0	0	0	62	69.8	1986	59	52	204	0.881	0.255	0.289	8.7	20.00
4687	40.6522	117.7018	-257.8	422	QAL	0	0	0	0	64	69.9	2027	53	82	175	1.547	0.469	0.303	8.7	20.00
4688	40.6526	117.7018	-257.5	425	QAL	0	0	0	0	62	70.0	1907	51	40	194	0.784	0.206	0.263	8.8	20.00
4689	40.6529	117.7018	-256.9	431	QAL	0	0	0	0	67	70.2	2101	51	65	195	1.275	0.333	0.262	9.0	20.00
4690	40.6533	117.7018	-256.1	435	QAL	0	0	0	0	76	70.4	2050	41	72	177	1.756	0.407	0.232	9.0	20.00
4691	40.6537	117.7017	-256.5	437	QAL	0	0	0	0	60	70.5	2142	49	124	208	2.531	0.596	0.236	8.9	20.00
4692	40.6540	117.7017	-256.2	436	QAL	0	0	0	0	61	70.4	2134	45	120	198	2.667	0.606	0.227	8.9	20.00
4693	40.6544	117.7017	-255.7	432	QAL	0	0	0	0	62	64.7	1998	50	41	194	0.820	0.211	0.258	8.9	20.00
4694	40.6548	117.7017	-255.9	427	QAL	0	0	0	0	70	64.5	2038	58	92	183	1.586	0.503	0.317	8.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4695	40.6551	117.7017	-254.4	425	QAL	0	0	0	0	67	64.5	2000	40	110	177	2.750	0.621	0.226	9.0	20.00
4696	40.6555	117.7017	-254.1	425	QAL	0	0	0	0	62	64.4	1963	57	118	166	2.070	0.711	0.343	9.0	20.00
4697	40.6559	117.7017	-253.6	424	QAL	0	0	0	0	60	64.4	1943	52	143	137	2.750	1.044	0.380	9.0	20.00
4698	40.6562	117.7017	-255.0	427	QAL	0	0	0	0	69	64.5	2056	42	118	201	2.810	0.587	0.209	9.0	20.00
4699	40.6566	117.7017	-255.2	428	QAL	0	0	0	0	67	64.6	2082	39	97	215	2.487	0.451	0.181	9.1	20.00
4700	40.6570	117.7017	-253.4	434	QAL	0	0	0	0	65	64.8	2129	41	104	218	2.537	0.477	0.188	9.1	20.00
4701	40.6573	117.7017	-254.0	443	QAL	0	0	0	0	76	65.1	2027	47	47	228	1.000	0.206	0.206	9.1	20.00
4702	40.6577	117.7016	-255.1	450	QAL	0	0	0	0	59	65.4	1915	41	126	133	3.073	0.947	0.308	9.0	20.00
4703	40.6581	117.7016	-252.8	457	QAL	0	0	0	0	55	65.6	2162	39	95	217	2.436	0.438	0.180	9.0	20.00
4704	40.6584	117.7016	-252.9	465	QAL	0	0	0	0	63	65.9	2033	45	99	202	2.200	0.490	0.223	8.9	20.00
4705	40.6588	117.7016	-251.6	463	QAL	0	0	0	0	69	65.8	1998	60	81	159	1.350	0.509	0.377	8.9	20.00
4706	40.6592	117.7016	-251.5	473	QAL	0	0	0	0	66	66.2	2043	47	98	158	2.085	0.620	0.297	8.9	20.00
4707	40.6595	117.7016	-252.6	481	QAL	0	0	0	0	61	66.4	2036	44	78	204	1.773	0.382	0.216	8.9	20.00
4708	40.6599	117.7016	-251.5	483	QAL	0	0	0	0	59	66.5	2133	75	45	205	0.600	0.220	0.366	9.0	20.00
4709	40.6603	117.7016	-251.2	485	QAL	0	0	0	0	67	66.6	2171	55	89	193	1.618	0.461	0.285	9.0	20.00
4710	40.6606	117.7016	-250.9	486	QAL	0	0	0	0	65	66.6	2114	68	33	213	0.485	0.155	0.319	8.9	20.00
4711	40.6610	117.7016	-251.9	487	QAL	0	0	0	0	67	66.6	2101	46	139	161	3.022	0.863	0.286	8.8	20.00
4712	40.6613	117.7015	-250.8	487	QAL	0	0	0	0	59	65.0	2047	75	70	145	0.933	0.483	0.517	8.7	20.00
4713	40.6617	117.7015	-251.8	486	QAL	0	0	0	0	65	65.0	2178	54	44	236	0.815	0.186	0.229	8.6	20.00
4714	40.6621	117.7015	-252.5	487	QAL	0	0	0	0	57	65.0	2094	59	143	140	2.424	1.021	0.421	8.6	20.00
4715	40.6624	117.7015	-252.4	489	QAL	0	0	0	0	63	65.1	2254	73	76	191	1.041	0.398	0.382	8.6	20.00
4716	40.6628	117.7015	-252.1	488	QAL	0	0	0	0	68	65.0	2218	55	193	135	3.509	1.430	0.407	8.6	20.00
4717	40.6632	117.7015	-252.1	489	QAL	0	0	0	0	68	65.1	2288	64	48	240	0.750	0.200	0.267	8.5	20.00
4718	40.6635	117.7015	-251.3	487	QAL	0	0	0	0	69	65.0	2201	82	77	162	0.939	0.475	0.506	8.5	20.00
4719	40.6639	117.7015	-253.0	488	QAL	0	0	0	0	61	65.0	2341	68	114	161	1.676	0.708	0.422	8.5	20.00
4720	40.6643	117.7015	-252.9	489	QAL	0	0	0	0	69	65.1	2222	49	131	160	2.673	0.819	0.306	8.4	20.00
4721	40.6646	117.7015	-253.6	490	QAL	0	0	0	0	71	65.1	2209	62	57	200	0.919	0.285	0.310	8.3	20.00
4722	40.6650	117.7015	-252.8	491	QAL	0	0	0	0	64	65.1	2154	59	103	217	1.746	0.475	0.272	8.2	20.00
4723	40.6654	117.7014	-254.0	493	QAL	0	0	0	0	63	65.2	2335	57	190	143	3.333	1.329	0.399	8.2	20.00
4724	40.6657	117.7014	-253.9	491	QAL	0	0	0	0	61	65.1	2184	48	112	188	2.333	0.596	0.255	8.1	20.00
4725	40.6661	117.7014	-252.6	492	QAL	0	0	0	0	60	65.2	2115	60	40	163	0.667	0.245	0.368	8.1	20.00
4726	40.6665	117.7014	-254.8	494	QAL	0	0	0	0	71	65.2	2104	55	88	164	1.600	0.537	0.335	8.1	20.00
4727	40.6668	117.7014	-254.8	497	QAL	0	0	0	0	71	65.3	2207	41	187	122	4.561	1.533	0.336	8.0	20.00
4728	40.6672	117.7014	-254.4	498	QAL	0	0	0	0	64	65.4	2128	53	49	190	0.925	0.258	0.279	7.9	20.00
4729	40.6676	117.7014	-254.9	496	QAL	0	0	0	0	72	65.3	1998	40	109	176	2.725	0.619	0.227	7.9	20.00
4730	40.6679	117.7014	-255.9	496	QAL	0	0	0	0	66	65.3	1912	51	37	210	0.725	0.176	0.243	7.8	20.00
4731	40.6683	117.7014	-254.6	496	QAL	0	0	0	0	64	57.0	2002	56	41	196	0.732	0.209	0.286	7.9	20.00
4732	40.6687	117.7014	-255.2	497	QAL	0	0	0	0	67	57.0	2105	61	138	139	2.262	0.993	0.439	7.9	20.00
4733	40.6690	117.7014	-255.5	493	QAL	0	0	0	0	64	56.9	2183	36	140	181	3.889	0.773	0.199	7.9	20.00
4734	40.6694	117.7013	-255.7	493	QAL	0	0	0	0	63	56.9	2211	75	86	160	1.132	0.538	0.475	7.8	20.00
4735	40.6698	117.7013	-254.7	491	QAL	0	0	0	0	69	56.8	2133	64	99	164	1.547	0.604	0.390	7.7	20.00
4736	40.6701	117.7013	-256.4	490	QAL	0	0	0	0	60	56.8	2152	34	184	155	5.412	1.187	0.219	7.7	20.00
4737	40.6705	117.7013	-256.6	491	QAL	0	0	0	0	64	56.8	2128	53	122	167	2.302	0.731	0.317	7.8	20.00
4738	40.6709	117.7013	-256.5	490	QAL	0	0	0	0	73	56.8	2217	49	154	144	3.143	1.069	0.340	7.7	20.00
4739	40.6712	117.7013	-256.2	488	QAL	0	0	0	0	74	56.7	2338	60	95	197	1.583	0.482	0.305	7.6	20.00
4740	40.6716	117.7013	-256.7	488	QAL	0	0	0	0	59	56.7	2269	54	166	174	3.074	0.954	0.310	7.5	20.00
4741	40.6720	117.7013	-255.4	485	QAL	0	0	0	0	55	56.7	2100	43	140	173	3.256	0.809	0.249	7.4	20.00
4742	40.6723	117.7013	-254.6	485	QAL	0	0	0	0	69	56.7	2085	48	70	234	1.458	0.299	0.205	7.4	20.00
4743	40.6727	117.7013	-254.3	483	QAL	0	0	0	0	65	56.6	2063	52	108	182	2.077	0.593	0.286	7.4	20.00
4744	40.6731	117.7012	-254.3	476	QAL	0	0	0	0	70	56.4	2078	58	98	202	1.690	0.485	0.287	7.4	20.00
4745	40.6734	117.7012	-254.1	465	QAL	0	0	0	0	69	56.1	2072	72	75	174	1.042	0.431	0.414	7.3	20.00
4746	40.6738	117.7012	-251.7	452	QAL	0	0	0	0	63	55.7	1962	50	78	193	1.560	0.404	0.259	7.3	20.00
4747	40.6742	117.7012	-251.4	447	QAL	0	0	0	0	63	55.5	2000	52	129	213	2.481	0.606	0.244	7.3	20.00
4748	40.6745	117.7012	-251.6	449	QAL	0	0	0	0	73	55.6	2006	49	118	190	2.408	0.621	0.258	7.3	20.00

REC	LAT	LONG	RMAG	ALT	GFOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4749	40.6749	117.7012	-248.5	453	QAL	0	0	0	0	62	55.7	2187	74	112	160	1.514	0.700	0.462	7.3	20.00
4750	40.6752	117.7012	-247.8	446	QAL	0	0	0	0	63	55.6	2106	45	184	174	4.089	1.057	0.259	7.2	20.00
4751	40.6756	117.7012	-249.6	438	QAL	0	0	0	0	58	55.4	2078	51	162	181	3.176	0.895	0.282	7.2	20.00
4752	40.6760	117.7012	-245.8	436	QAL	0	0	0	0	57	55.3	1989	77	121	156	1.571	0.776	0.494	7.3	20.00
4753	40.6763	117.7012	-245.5	435	QAL	0	0	0	0	65	55.3	2033	53	58	258	1.094	0.225	0.205	7.3	20.00
4754	40.6767	117.7012	-244.0	432	QAL	0	0	0	0	65	55.2	2103	69	136	161	1.971	0.845	0.429	7.3	20.00
4755	40.6771	117.7011	-244.4	431	QAL	0	0	0	0	64	55.2	2078	55	124	211	2.255	0.588	0.261	7.4	20.00
4756	40.6774	117.7011	-242.1	433	QAL	0	0	0	0	65	55.2	2077	67	149	159	2.224	0.937	0.421	7.4	20.00
4757	40.6778	117.7011	-241.8	431	QAL	0	0	0	0	72	55.2	2096	50	129	165	2.580	0.782	0.303	7.4	20.00
4758	40.6782	117.7011	-241.0	430	QAL	0	0	0	0	67	55.1	2090	43	153	188	3.558	0.814	0.229	7.4	20.00
4759	40.6785	117.7011	-241.3	426	QAL	0	0	0	0	73	55.0	1962	48	128	159	2.667	0.805	0.302	7.3	20.00
4760	40.6789	117.7011	-236.7	425	QAL	0	0	0	0	65	55.0	1927	46	122	172	2.652	0.709	0.267	7.3	20.00
4761	40.6793	117.7011	-237.2	429	QAL	0	0	0	0	60	55.1	1973	44	172	159	3.909	1.082	0.277	7.3	20.00
4762	40.6798	117.7011	-236.9	434	QAL	0	0	0	0	63	55.3	2039	55	74	217	1.345	0.341	0.253	7.3	20.00
4763	40.6802	117.7011	-235.8	439	QAL	0	0	0	0	59	55.4	1976	61	111	163	1.820	0.681	0.374	7.4	20.00
4764	40.6806	117.7011	-235.8	445	QAL	0	0	0	0	58	55.6	2107	66	59	249	0.894	0.237	0.265	7.4	20.00
4765	40.6811	117.7011	-232.2	448	QAL	0	0	0	0	73	55.7	2120	78	80	171	1.026	0.468	0.456	7.4	20.00
4766	40.6815	117.7010	-232.5	447	QAL	0	0	1	0	66	55.7	2083	66	24	248	0.364	0.097	0.266	7.4	20.00
4767	40.6819	117.7010	-232.0	443	QAL	0	0	0	0	60	55.5	2123	68	141	181	2.074	0.779	0.376	7.3	20.00
4768	40.6824	117.7010	-230.6	434	QAL	0	0	0	0	64	55.3	2030	75	108	180	1.440	0.600	0.417	7.4	20.00
4769	40.6828	117.7010	-229.8	429	QAL	0	0	0	0	64	49.4	2144	44	132	186	3.000	0.710	0.237	7.4	20.00
4770	40.6833	117.7010	-226.6	427	QAL	0	0	0	0	72	49.3	2003	50	141	166	2.820	0.849	0.301	7.5	20.00
4771	40.6837	117.7010	-225.8	430	QAL	0	0	0	0	55	49.4	2021	60	131	162	2.183	0.809	0.370	7.5	20.00
4772	40.6841	117.7010	-226.0	432	QAL	0	0	0	0	58	49.4	2009	38	158	212	4.158	0.745	0.179	7.5	20.00
4773	40.6846	117.7010	-225.2	439	QAL	0	0	0	0	63	49.6	2089	55	74	180	1.345	0.411	0.306	7.5	20.00
4774	40.6850	117.7010	-224.4	445	QAL	0	0	0	0	62	49.8	2126	53	100	175	1.887	0.571	0.303	7.5	20.00
4775	40.6854	117.7010	-224.3	449	QAL	0	0	0	0	72	49.9	2089	52	179	124	3.442	1.444	0.419	7.5	20.00
4776	40.6859	117.7010	-224.6	448	QAL	0	0	0	0	68	49.9	2096	35	122	197	3.486	0.619	0.178	7.5	20.00
4777	40.6863	117.7010	-224.1	444	QAL	0	0	0	0	58	49.8	1989	45	126	184	2.800	0.685	0.245	7.5	20.00
4778	40.6867	117.7009	-223.6	448	QAL	0	0	0	0	59	49.9	2106	50	136	195	2.720	0.697	0.256	7.5	20.00
4779	40.6872	117.7009	-222.8	449	QAL	0	0	0	0	63	49.9	2002	49	82	175	1.673	0.469	0.280	7.5	20.00
4780	40.6876	117.7009	-223.5	460	QAL	0	0	0	0	60	50.2	2050	56	194	114	3.464	1.702	0.491	7.4	20.00
4781	40.6880	117.7009	-223.4	459	QAL	0	0	0	0	61	50.2	2056	54	138	118	2.556	1.169	0.458	7.4	20.00
4782	40.6885	117.7009	-223.4	459	QAL	0	0	0	0	55	50.2	2080	38	130	206	3.421	0.631	0.184	7.4	20.00
4783	40.6889	117.7009	-225.2	457	QAL	0	0	0	0	67	50.1	2087	61	57	216	0.934	0.264	0.282	7.3	20.00
4784	40.6893	117.7009	-225.9	459	QAL	0	0	0	0	71	50.2	1896	49	150	140	3.061	1.071	0.350	7.3	20.00
4785	40.6898	117.7009	-227.6	463	QAL	0	0	0	0	69	50.3	1987	70	76	191	1.086	0.398	0.366	7.3	20.00
4786	40.6902	117.7009	-226.4	459	QAL	0	0	0	0	60	50.2	2001	38	116	183	3.053	0.634	0.208	7.3	20.00
4787	40.6906	117.7009	-227.4	453	QAL	0	0	0	0	64	50.0	2040	41	123	196	3.000	0.628	0.209	7.2	20.00
4788	40.6911	117.7009	-229.0	446	QAL	0	0	0	0	63	54.7	2073	57	125	146	2.193	0.856	0.390	7.1	20.00
4789	40.6915	117.7009	-227.2	445	QAL	0	0	0	0	59	54.7	1986	62	69	215	1.113	0.321	0.288	7.1	20.00
4790	40.6919	117.7008	-228.2	442	QAL	0	0	0	0	64	54.6	2000	34	148	172	4.353	0.860	0.198	7.0	20.00
4791	40.6924	117.7008	-227.4	444	QAL	0	0	0	0	63	54.6	1940	59	98	157	1.661	0.624	0.376	7.1	20.00
4792	40.6928	117.7008	-228.9	451	QAL	0	0	0	0	68	54.8	2054	45	179	168	3.978	1.065	0.268	7.1	20.00
4793	40.6932	117.7008	-229.1	454	QAL	0	0	0	0	67	54.9	2010	57	165	128	2.895	1.289	0.445	7.0	20.00
4794	40.6937	117.7008	-231.3	462	QAL	0	0	0	0	61	55.2	2082	53	121	187	2.283	0.647	0.283	7.0	20.00
4795	40.6941	117.7008	-231.0	464	QAL	0	0	0	0	58	55.2	2085	50	146	170	2.920	0.859	0.294	7.0	20.00
4796	40.6946	117.7008	-232.0	461	QAL	0	0	0	0	69	55.1	2092	46	146	165	3.174	0.885	0.279	7.0	20.00
4797	40.6950	117.7008	-233.5	459	QAL	0	0	0	0	68	55.1	2150	41	130	197	3.171	0.660	0.208	7.0	20.00
4798	40.6954	117.7008	-235.0	455	QAL	0	0	0	0	72	54.9	2030	57	137	158	2.404	0.867	0.361	7.0	20.00
4799	40.6959	117.7008	-233.3	449	QAL	0	0	0	0	56	54.8	1970	38	145	150	3.816	0.967	0.253	7.0	20.00
4800	40.6963	117.7008	-234.4	440	QAL	0	0	0	0	66	54.5	2014	59	118	181	2.000	0.652	0.326	6.9	20.00
4801	40.6967	117.7007	-234.9	436	QAL	0	0	0	0	59	54.4	2037	71	32	213	0.451	0.150	0.333	6.9	20.00
4802	40.6972	117.7007	-234.4	435	QAL	0	0	0	0	59	54.4	2013	45	147	177	3.267	0.831	0.254	6.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4803	40.6976	117.7007	-236.7	425	QAL	0	0	0	0	71	54.1	2012	51	155	157	3.039	0.987	0.325	6.7	20.00
4804	40.6980	117.7007	-236.5	423	QAL	0	0	0	0	74	54.0	2166	51	89	171	1.745	0.520	0.298	6.7	20.00
4805	40.6985	117.7007	-238.0	421	QAL	0	0	0	0	70	53.9	2096	79	93	160	1.177	0.581	0.494	6.7	20.00
4806	40.6989	117.7007	-236.5	418	QAL	0	0	1	0	56	53.8	2163	77	29	219	0.377	0.132	0.352	6.6	20.00
4807	40.6993	117.7007	-237.0	415	QAL	0	0	0	0	63	56.3	2012	50	104	152	2.080	0.684	0.329	6.5	20.00
4808	40.6998	117.7007	-237.0	413	QAL	0	0	0	0	59	56.2	2001	47	121	162	2.574	0.747	0.290	6.5	20.00
4809	40.7002	117.7007	-237.5	408	QAL	0	0	0	0	63	56.1	1974	46	145	135	3.152	1.074	0.341	6.5	20.00
4810	40.7006	117.7007	-239.0	411	QAL	0	0	0	0	61	56.2	1799	42	118	174	2.810	0.678	0.241	6.5	20.00
4811	40.7011	117.7007	-238.2	414	QAL	0	0	0	0	64	56.3	1796	41	116	173	2.829	0.671	0.237	6.5	20.00
4812	40.7015	117.7007	-239.4	417	QAL	0	0	0	0	69	56.3	1747	51	87	123	1.706	0.707	0.415	6.6	20.00
4813	40.7019	117.7006	-239.1	423	QAL	0	0	0	0	64	56.5	1909	49	120	142	2.449	0.845	0.345	6.6	20.00
4814	40.7024	117.7006	-240.1	424	QAL	0	0	0	0	61	56.6	1848	49	78	190	1.592	0.411	0.258	6.6	20.00
4815	40.7028	117.7006	-242.1	426	QAL	0	0	0	0	60	56.7	1924	52	165	105	3.173	1.571	0.495	6.6	20.00
4816	40.7032	117.7006	-239.5	433	QAL	0	0	0	0	60	56.9	1864	36	119	156	3.306	0.763	0.231	6.6	20.00
4817	40.7037	117.7004	-239.2	439	QAL	0	0	0	0	61	57.1	1989	76	50	147	0.658	0.340	0.517	6.6	20.00
4818	40.7041	117.7006	-240.9	444	QAL	0	0	0	0	69	57.2	2109	44	84	168	1.909	0.500	0.262	6.6	20.00
4819	40.7045	117.7006	-239.6	444	QAL	0	0	0	0	54	57.2	2080	57	72	174	1.263	0.414	0.328	6.6	20.00
4820	40.7050	117.7006	-243.4	443	QAL	0	0	0	0	67	57.2	2016	65	42	168	0.646	0.250	0.387	6.5	20.00
4821	40.7054	117.7006	-241.6	442	QAL	0	0	0	0	63	57.1	1858	42	85	154	2.024	0.552	0.273	6.5	20.00
4822	40.7059	117.7006	-243.7	435	QAL	0	0	0	0	64	56.9	2033	54	103	131	1.907	0.786	0.412	6.5	20.00
4823	40.7063	117.7006	-242.2	428	QAL	0	0	0	0	61	56.7	1951	66	51	168	0.773	0.304	0.393	6.5	20.00
4824	40.7067	117.7006	-242.7	426	QAL	0	0	0	0	67	56.6	1871	47	112	143	2.383	0.783	0.329	6.6	20.00
4825	40.7072	117.7005	-243.9	427	QAL	0	0	0	0	61	56.7	1853	48	128	130	2.667	0.985	0.369	6.7	20.00
4826	40.7076	117.7005	-242.4	425	QAL	0	0	0	0	56	61.1	2005	46	94	174	2.043	0.540	0.264	6.6	20.00
4827	40.7080	117.7005	-244.7	425	QAL	0	0	0	0	63	61.1	2033	49	100	173	2.041	0.578	0.283	6.6	20.00
4828	40.7085	117.7005	-245.4	424	QAL	0	0	0	0	61	61.1	2053	64	49	185	0.766	0.265	0.346	6.6	20.00
4829	40.7089	117.7005	-245.7	417	QAL	0	0	0	0	70	60.9	2003	47	94	167	2.000	0.563	0.281	6.6	20.00
4830	40.7093	117.7005	-245.8	408	QAL	0	0	0	0	70	60.6	1847	49	111	159	2.265	0.698	0.308	6.5	20.00
4831	40.7098	117.7005	-245.5	404	QAL	0	0	0	0	57	60.4	1895	44	116	154	2.636	0.753	0.286	6.6	20.00
4832	40.7102	117.7005	-244.8	401	QAL	0	0	0	0	66	60.3	1917	42	160	142	3.810	1.127	0.296	6.7	20.00
4833	40.7106	117.7005	-245.6	395	QAL	0	0	0	0	63	60.1	2019	40	103	174	2.575	0.592	0.230	6.7	20.00
4834	40.7111	117.7005	-247.6	392	QAL	0	0	0	0	68	60.0	1928	63	72	165	1.143	0.436	0.382	6.7	20.00
4835	40.7115	117.7005	-247.1	389	QAL	0	0	0	0	68	59.9	1956	55	85	176	1.545	0.483	0.313	6.8	20.00
4836	40.7119	117.7004	-247.9	387	QAL	0	0	0	0	62	59.8	1841	50	75	142	1.500	0.528	0.352	6.8	20.00
4837	40.7124	117.7004	-248.4	382	QAL	0	0	0	0	69	59.6	1885	61	107	103	1.754	1.039	0.592	6.8	20.00
4838	40.7128	117.7004	-249.2	380	QAL	0	0	0	0	63	59.6	1884	50	138	145	2.760	0.952	0.345	6.8	20.00
4839	40.7132	117.7004	-249.9	379	QAL	0	0	0	0	59	59.5	1871	37	178	127	4.811	1.402	0.291	6.8	20.00
4840	40.7137	117.7004	-251.4	382	QAL	0	0	0	0	66	59.6	1890	55	103	155	1.873	0.665	0.355	6.9	20.00
4841	40.7141	117.7004	-248.8	387	QAL	0	0	0	0	71	59.8	1951	40	71	188	1.775	0.378	0.213	6.9	20.00
4842	40.7145	117.7004	-250.8	389	QAL	0	0	0	0	64	59.9	1904	59	115	168	2.300	0.685	0.298	6.9	20.00
4843	40.7150	117.7004	-250.0	389	QAL	0	0	0	0	67	59.9	1908	40	179	130	4.475	1.377	0.308	6.9	20.00
4844	40.7154	117.7004	-249.8	389	QAL	0	0	0	0	70	59.9	1881	30	160	156	5.333	1.026	0.192	7.0	20.00
4845	40.7158	117.7004	-250.2	392	QAL	0	0	0	0	77	56.0	1918	58	48	194	0.828	0.247	0.299	7.0	20.00
4846	40.7163	117.7004	-251.0	390	QAL	0	0	0	0	61	55.9	1992	56	106	169	1.893	0.627	0.331	7.0	20.00
4847	40.7167	117.7004	-250.5	388	QAL	0	0	0	0	70	55.8	1955	56	137	128	2.446	1.070	0.438	7.0	20.00
4848	40.7172	117.7003	-251.0	382	QAL	0	0	0	0	68	55.6	1929	55	113	162	2.055	0.698	0.340	7.1	20.00
4849	40.7176	117.7003	-250.8	371	QAL	0	0	0	0	65	55.3	2011	48	150	157	3.125	0.955	0.306	7.1	20.00
4850	40.7180	117.7003	-250.9	363	QAL	0	0	0	0	57	55.0	1921	44	231	104	5.250	2.221	0.423	7.1	20.00
4851	40.7185	117.7003	-249.2	359	QAL	0	0	0	0	71	54.9	1908	44	131	190	2.977	0.689	0.232	7.1	20.00
4852	40.7189	117.7003	-250.4	360	QAL	0	0	0	0	65	54.9	1952	65	103	147	1.585	0.701	0.442	7.2	20.00
4853	40.7193	117.7003	-250.1	361	QAL	0	0	0	0	75	54.9	1853	44	208	99	4.727	2.101	0.444	7.3	20.00
4854	40.7198	117.7003	-250.6	364	QAL	0	0	0	0	58	55.0	1924	45	146	161	3.244	0.907	0.280	7.3	20.00
4855	40.7202	117.7003	-248.8	369	QAL	0	0	0	0	62	55.2	1892	38	145	156	3.816	0.929	0.244	7.3	20.00
4856	40.7206	117.7003	-248.3	371	QAL	0	0	0	0	56	55.3	1953	47	151	160	3.213	0.944	0.294	7.3	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4857	40.7211	117.7003	-250.3	369	QAL	0	0	0	0	59	55.2	1963	53	140	161	2.642	0.870	0.329	7.4	20.00
4858	40.7215	117.7003	-248.3	361	QAL	0	0	0	0	59	54.9	2008	68	139	130	2.044	1.069	0.523	7.5	20.00
4859	40.7219	117.7003	-249.1	359	QAL	0	0	0	0	65	54.9	2033	46	181	169	3.935	1.071	0.272	7.6	20.00
4860	40.7224	117.7002	-246.3	362	QAL	0	0	0	0	65	55.0	1917	53	207	136	3.906	1.522	0.390	7.6	20.00
4861	40.7228	117.7002	-246.3	366	QAL	0	0	0	0	61	55.1	2167	49	158	166	3.224	0.952	0.295	7.6	20.00
4862	40.7232	117.7002	-246.3	361	QAL	0	0	0	0	55	54.9	2065	57	195	148	3.421	1.318	0.385	7.6	20.00
4863	40.7237	117.7002	-247.4	349	QAL	0	0	0	0	68	54.5	1979	49	113	208	2.306	0.543	0.236	7.6	20.00
4864	40.7241	117.7002	-249.4	342	QAL	0	0	0	0	60	52.4	1956	73	53	189	0.726	0.280	0.386	7.5	20.00
4865	40.7245	117.7002	-246.2	338	QAL	0	0	0	0	55	52.3	2017	56	167	167	2.982	1.000	0.335	7.6	20.00
4866	40.7250	117.7002	-247.4	336	QAL	0	0	0	0	71	52.2	1901	64	113	161	1.766	0.702	0.398	7.6	20.00
4867	40.7254	117.7002	-245.7	331	QAL	0	0	0	0	64	52.1	1913	46	126	155	2.739	0.813	0.297	7.6	20.00
4868	40.7258	117.7002	-247.5	327	QAL	0	0	0	0	71	51.9	2042	54	117	179	2.167	0.654	0.302	7.5	20.00
4869	40.7263	117.7002	-244.3	322	QAL	0	0	0	0	63	51.7	2046	55	148	149	2.691	0.993	0.369	7.5	20.00
4870	40.7267	117.7002	-243.8	320	QAL	0	0	0	0	61	51.7	1962	48	141	155	2.938	0.910	0.310	7.3	20.00
4871	40.7271	117.7001	-246.0	317	QAL	0	0	0	0	58	51.6	2008	48	140	197	2.917	0.711	0.244	7.4	20.00
4872	40.7276	117.7001	-245.0	318	QAL	0	0	0	0	65	51.6	2003	46	205	140	4.457	1.464	0.329	7.4	20.00
4873	40.7280	117.7001	-242.8	315	QAL	0	0	0	0	62	51.5	1907	49	140	149	2.857	0.940	0.329	7.4	20.00
4874	40.7285	117.7001	-241.7	319	QAL	0	0	0	0	71	51.6	1966	37	172	147	4.649	1.170	0.252	7.3	20.00
4875	40.7289	117.7001	-241.2	318	QAL	0	0	0	0	73	51.6	1967	57	84	177	1.474	0.475	0.322	7.2	20.00
4876	40.7293	117.7001	-240.8	310	QAL	0	0	0	0	62	51.3	1926	55	80	207	1.455	0.386	0.266	7.1	20.00
4877	40.7298	117.7001	-240.3	310	QAL	0	0	0	0	66	51.3	1927	30	186	181	6.200	1.028	0.166	7.1	20.00
4878	40.7302	117.7001	-241.0	311	QAL	0	0	0	0	67	51.4	1942	43	208	141	4.837	1.475	0.305	7.0	20.00
4879	40.7306	117.7001	-239.0	306	QAL	0	0	0	0	51	51.2	1940	43	152	166	3.535	0.916	0.259	7.0	20.00
4880	40.7311	117.7001	-239.3	304	QAL	0	0	0	0	70	51.1	2021	52	84	196	1.615	0.429	0.265	6.9	20.00
4881	40.7315	117.7001	-239.1	297	QAL	0	0	0	0	60	50.9	2050	65	150	138	2.308	1.087	0.471	6.9	20.00
4882	40.7319	117.7001	-235.6	294	QAL	0	0	0	0	66	50.8	1988	45	97	211	2.156	0.460	0.213	6.8	20.00
4883	40.7324	117.7000	-236.1	297	QAL	0	0	0	0	69	48.0	1900	45	235	111	5.222	2.117	0.405	6.8	20.00
4884	40.7328	117.7000	-235.7	301	QAL	0	0	0	0	58	48.2	1955	52	149	162	2.865	0.920	0.321	6.7	20.00
4885	40.7332	117.7000	-236.0	300	QAL	0	0	0	0	68	48.1	1944	49	112	180	2.286	0.622	0.272	6.7	20.00
4886	40.7337	117.7000	-237.3	297	QAL	0	0	0	0	62	48.0	1930	48	111	207	2.313	0.536	0.232	6.6	20.00
4887	40.7341	117.7000	-235.3	296	QAL	0	0	0	0	71	48.0	1828	64	110	178	1.719	0.618	0.360	6.6	20.00
4888	40.7345	117.7000	-234.5	299	QAL	0	0	0	0	66	48.1	1931	59	155	175	2.627	0.886	0.337	6.6	20.00
4889	40.7350	117.7000	-235.0	299	QAL	0	0	0	0	54	48.1	1922	27	143	180	5.296	0.794	0.150	6.6	20.00
4890	40.7354	117.7000	-233.9	302	QAL	0	0	0	0	68	48.2	1823	42	123	192	2.929	0.641	0.219	6.6	20.00
4891	40.7358	117.7000	-233.1	306	QAL	0	0	0	0	60	48.3	1902	70	119	188	1.700	0.633	0.372	6.6	20.00
4892	40.7363	117.7000	-234.1	312	QAL	0	0	0	0	66	48.5	1946	62	95	179	1.532	0.531	0.346	6.7	20.00
4893	40.7367	117.7000	-233.0	316	QAL	0	0	0	0	69	48.7	1875	42	116	190	2.762	0.611	0.221	6.7	20.00
4894	40.7371	117.7000	-231.7	319	QAL	0	0	0	0	67	48.8	1935	37	159	170	4.297	0.935	0.218	6.6	20.00
4895	40.7376	117.6999	-232.5	320	QAL	0	0	0	0	65	48.8	1901	51	107	195	2.098	0.549	0.262	6.6	20.00
4896	40.7380	117.6999	-231.4	326	QAL	0	0	0	0	64	49.0	1984	71	123	177	1.732	0.695	0.401	6.6	20.00
4897	40.7384	117.6999	-230.1	332	QAL	0	0	0	0	66	49.2	2002	63	108	188	1.714	0.574	0.335	6.5	20.00
4898	40.7389	117.6999	-230.8	340	QAL	0	0	0	0	60	49.5	1978	37	156	189	4.216	0.825	0.196	6.4	20.00
4899	40.7393	117.6999	-230.2	344	QAL	0	0	0	0	65	49.6	2057	57	144	166	2.526	0.867	0.343	6.4	20.00
4900	40.7398	117.6999	-230.4	347	QAL	0	0	0	0	62	49.7	1962	53	108	203	2.038	0.532	0.261	6.3	20.00
4901	40.7402	117.6999	-229.7	348	QAL	0	0	0	0	65	49.7	1990	63	140	159	2.222	0.881	0.396	6.2	20.00
4902	40.7406	117.6999	-229.6	353	QAL	0	0	0	0	71	57.6	1976	37	94	188	2.541	0.500	0.197	6.1	20.00
4903	40.7411	117.6999	-228.3	358	QAL	0	0	0	0	71	57.8	2082	63	98	188	1.556	0.521	0.335	6.1	20.00
4904	40.7415	117.6999	-230.3	360	QAL	0	0	0	0	62	57.8	1893	50	68	207	1.360	0.329	0.242	6.0	20.00
4905	40.7419	117.6999	-230.7	366	QAL	0	0	0	0	63	58.0	2001	57	127	180	2.228	0.706	0.317	6.0	20.00
4906	40.7424	117.6998	-227.1	372	QAL	0	0	0	0	66	58.3	2001	44	133	199	3.023	0.668	0.221	6.0	20.00
4907	40.7428	117.6998	-227.6	376	QAL	0	0	0	0	55	58.4	2127	63	117	201	1.857	0.582	0.313	6.0	20.00
4908	40.7432	117.6998	-225.9	374	QAL	0	0	0	0	67	58.3	2118	59	120	143	2.034	0.839	0.413	6.0	20.00
4909	40.7437	117.6998	-225.4	373	QAL	0	0	0	0	57	58.3	2097	57	108	201	1.895	0.537	0.284	5.9	20.00
4910	40.7441	117.6998	-225.1	368	QAL	0	0	0	0	64	58.1	2089	63	88	158	1.397	0.557	0.399	5.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAS	R	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4911	40.7445	117.6998	-223.7	361	QAL	0	0	0	0	59	57.9		1990	65	156	165	2.400	0.945	0.394	5.8	20.00
4912	40.7450	117.6998	-223.7	358	QAL	0	0	0	0	60	57.8		1994	61	118	182	1.934	0.648	0.335	5.7	20.00
4913	40.7454	117.6998	-223.2	354	QAL	0	0	1	0	66	57.6		2099	75	22	227	0.293	0.097	0.330	5.7	20.00
4914	40.7458	117.6998	-222.4	357	QAL	0	0	0	0	67	57.7		2051	64	123	190	1.922	0.647	0.337	5.6	20.00
4915	40.7463	117.6998	-219.6	358	QAL	0	0	0	0	66	57.8		2098	41	183	154	4.463	1.188	0.266	5.6	20.00
4916	40.7467	117.6998	-221.2	353	QAL	0	0	0	0	64	57.6		2084	47	144	187	3.064	0.770	0.251	5.5	20.00
4917	40.7471	117.6998	-218.9	351	QAL	0	0	0	0	67	57.5		1999	53	151	132	2.849	1.144	0.402	5.5	20.00
4918	40.7476	117.6997	-220.2	345	QAL	0	0	0	0	64	57.3		1969	54	149	162	2.759	0.920	0.333	5.5	20.00
4919	40.7478	117.6998	-218.3	344	QAL	0	0	0	0	64	57.2		1966	54	94	219	1.741	0.429	0.247	5.5	20.00
4920	40.7480	117.6998	-217.1	349	QAL	0	0	0	0	62	57.4		1964	72	42	197	0.583	0.213	0.365	5.5	20.00
4921	40.7482	117.6998	-217.5	350	QAL	0	0	0	0	68	59.1		1957	58	96	181	1.655	0.530	0.320	5.5	20.00
4922	40.7484	117.6998	-219.4	346	QAL	0	0	0	0	72	59.0		2018	67	90	195	1.343	0.462	0.344	5.4	20.00
4923	40.7486	117.6998	-219.8	342	QAL	0	0	0	0	66	58.8		2029	78	77	182	0.987	0.423	0.429	5.3	20.00
4924	40.7488	117.6998	-219.7	337	QAL	0	0	0	0	63	58.6		1964	54	119	180	2.204	0.661	0.300	5.2	20.00
4925	40.7490	117.6999	-219.0	336	QAL	0	0	0	0	63	58.6		1931	64	108	156	1.688	0.692	0.410	5.2	20.00
4926	40.7492	117.6999	-220.9	335	QAL	0	0	0	0	58	58.6		2015	62	158	175	2.548	0.903	0.354	5.2	20.00
4927	40.7494	117.6999	-222.5	335	QAL	0	0	0	0	66	58.6		1944	72	76	190	1.056	0.400	0.379	5.2	20.00
4928	40.7496	117.6999	-222.8	336	QAL	0	0	0	0	61	58.6		2040	68	152	144	2.235	1.056	0.472	5.2	20.00
4929	40.7498	117.6999	-223.5	335	QAL	0	0	0	0	58	58.6		1979	49	139	189	2.837	0.735	0.259	5.2	20.00
4930	40.7500	117.6999	-223.8	338	QAL	0	0	0	0	63	58.7		1923	61	108	190	1.770	0.568	0.321	5.2	20.00
4931	40.7501	117.7000	-223.4	338	QAL	0	0	0	0	72	58.7		1890	54	59	202	1.093	0.292	0.267	5.2	20.00
4932	40.7503	117.7000	-225.2	342	QAL	0	0	0	0	62	58.8		2065	49	154	169	3.143	0.911	0.290	5.2	20.00
4933	40.7505	117.7000	-225.5	344	QAL	0	0	0	0	65	58.9		1951	43	195	153	4.535	1.275	0.281	5.2	20.00
4934	40.7507	117.7000	-226.9	347	QAL	0	0	0	0	69	59.0		2006	35	174	188	4.971	0.926	0.186	5.3	20.00
4935	40.7509	117.7000	-227.7	346	QAL	0	0	0	0	71	59.0		1923	34	188	166	5.529	1.133	0.205	5.3	20.00
4936	40.7511	117.7001	-228.1	350	QAL	0	0	0	0	55	59.1		2000	68	132	134	1.941	0.985	0.507	5.3	20.00
4937	40.7513	117.7001	-228.2	347	QAL	0	0	0	0	64	59.0		1984	45	160	210	3.556	0.762	0.214	5.3	20.00
4938	40.7515	117.7001	-229.5	347	QAL	0	0	0	0	66	59.0		1980	39	130	208	3.333	0.625	0.188	5.3	20.00
4939	40.7517	117.7001	-229.4	350	QAL	0	0	0	0	71	59.1		1985	37	129	179	3.486	0.721	0.207	5.3	20.00
4940	40.7519	117.7001	-230.0	349	QAL	0	0	0	0	55	66.4		1902	51	110	150	2.157	0.733	0.340	5.2	20.00
4941	40.7521	117.7001	-230.6	347	QAL	0	0	0	0	64	66.4		1844	45	97	154	2.156	0.630	0.292	5.2	20.00
4942	40.7523	117.7002	-231.5	345	QAL	0	0	0	0	67	66.3		2106	50	86	192	1.720	0.448	0.260	5.3	20.00
4943	40.7525	117.7002	-232.0	347	QAL	0	0	0	0	60	66.4		1981	55	123	166	2.236	0.741	0.331	5.2	20.00
4944	40.7527	117.7002	-232.9	346	QAL	0	0	0	0	53	66.3		1912	57	105	144	1.842	0.729	0.396	5.2	20.00
4945	40.7529	117.7002	-232.8	343	QAL	0	0	0	0	67	66.2		1995	67	91	166	1.358	0.548	0.404	5.3	20.00
4946	40.7531	117.7002	-234.4	337	QAL	0	0	0	0	68	66.0		1891	59	127	129	2.153	0.984	0.457	5.2	20.00
4947	40.7533	117.7002	-233.8	338	QAL	0	0	0	0	56	66.0		1994	63	189	132	3.000	1.432	0.477	5.3	20.00
4948	40.7535	117.7003	-233.9	337	QAL	0	0	0	0	67	66.0		1886	58	100	152	1.724	0.658	0.382	5.4	20.00
4949	40.7537	117.7003	-233.0	341	QAL	0	0	0	0	66	66.1		1986	56	65	207	1.161	0.314	0.271	5.4	20.00
4950	40.7539	117.7003	-233.5	343	QAL	0	0	0	0	59	66.2		1979	73	110	142	1.507	0.775	0.514	5.4	20.00
4951	40.7541	117.7003	-235.2	343	QAL	0	0	0	0	73	66.2		1902	50	107	181	2.140	0.591	0.276	5.5	20.00
4952	40.7543	117.7003	-234.8	340	QAL	0	0	0	0	72	66.1		1881	59	47	170	0.797	0.276	0.347	5.5	20.00
4953	40.7545	117.7003	-235.2	335	QAL	0	0	0	0	50	65.8		2006	69	117	162	1.696	0.722	0.426	5.6	20.00
4954	40.7547	117.7004	-235.0	336	QAL	0	0	0	0	62	65.9		2071	76	38	214	0.500	0.178	0.355	5.6	20.00
4955	40.7549	117.7004	-234.4	338	QAL	0	0	0	0	61	66.0		1948	48	95	218	1.979	0.436	0.220	5.7	20.00
4956	40.7551	117.7004	-235.0	338	QAL	0	0	0	0	68	66.0		2076	59	127	160	2.153	0.794	0.369	5.7	20.00
4957	40.7553	117.7004	-234.8	339	QAL	0	0	1	0	57	66.0		2058	72	9	220	0.125	0.041	0.327	5.8	20.00
4958	40.7555	117.7004	-232.4	342	QAL	0	0	0	0	69	66.2		2042	37	122	194	3.297	0.629	0.191	5.8	20.00
4959	40.7557	117.7004	-233.6	332	QAL	0	0	0	0	66	58.3		1963	54	158	150	2.926	1.053	0.360	5.8	20.00
4960	40.7559	117.7005	-233.5	329	QAL	0	0	0	0	62	58.1		1952	47	131	157	2.787	0.834	0.299	5.9	20.00
4961	40.7561	117.7005	-232.6	324	QAL	0	0	0	0	55	57.9		1932	48	164	187	3.417	0.877	0.257	5.9	20.00
4962	40.7563	117.7005	-232.7	321	QAL	0	0	0	0	65	57.8		1850	69	133	155	1.928	0.858	0.445	6.0	20.00
4963	40.7565	117.7005	-231.1	325	QAL	0	0	0	0	68	58.0		1919	68	76	187	1.118	0.406	0.364	6.1	20.00
4964	40.7567	117.7005	-232.3	332	QAL	0	0	0	0	66	58.2		1907	42	135	193	3.214	0.699	0.218	6.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4965	40.7569	117.7005	-232.2	339	QAL	0	0	0	0	63	58.5	1934	65	107	167	1.646	0.641	0.389	6.4	20.00
4966	40.7571	117.7006	-233.5	345	QAL	0	0	0	0	65	58.7	1940	61	100	177	1.639	0.565	0.345	6.5	20.00
4967	40.7573	117.7006	-233.2	355	QAL	0	0	0	0	72	59.1	1941	45	148	169	3.289	0.876	0.266	6.6	20.00
4968	40.7575	117.7006	-231.8	359	QAL	0	0	0	0	65	59.3	1913	72	41	203	0.569	0.202	0.355	6.6	20.00
4969	40.7577	117.7006	-232.4	358	QAL	0	0	0	0	63	59.2	1955	72	82	169	1.139	0.485	0.426	6.7	20.00
4970	40.7579	117.7006	-229.3	354	QAL	0	0	0	0	62	59.1	1915	45	60	209	1.333	0.287	0.215	6.9	20.00
4971	40.7581	117.7006	-231.0	351	QAL	0	0	0	0	57	59.0	1798	67	56	176	0.836	0.318	0.381	7.0	20.00
4972	40.7584	117.7007	-228.6	347	QAL	0	0	0	0	70	58.8	1935	55	102	148	1.855	0.689	0.372	7.1	20.00
4973	40.7586	117.7007	-229.5	344	QAL	0	0	0	0	66	58.7	1905	59	169	134	2.864	1.261	0.440	7.2	20.00
4974	40.7588	117.7007	-229.4	344	QAL	0	0	0	0	66	58.7	1787	49	124	168	2.531	0.738	0.292	7.3	20.00
4975	40.7590	117.7007	-226.7	346	QAL	0	0	0	0	56	58.8	1844	50	93	188	1.860	0.495	0.266	7.5	20.00
4976	40.7592	117.7007	-228.0	347	QAL	0	0	0	0	64	58.8	2004	49	143	159	2.918	0.899	0.308	7.6	20.00
4977	40.7594	117.7008	-226.4	343	QAL	0	0	0	0	75	58.7	1948	64	150	143	2.344	1.049	0.448	7.7	20.00
4978	40.7596	117.7008	-226.8	340	QAL	0	0	1	0	63	65.6	1845	69	22	174	0.319	0.126	0.397	7.8	20.00
4979	40.7598	117.7008	-226.2	339	QAL	0	0	0	0	73	65.5	1857	61	105	141	1.721	0.745	0.433	7.9	20.00
4980	40.7601	117.7008	-225.1	338	QAL	0	0	0	0	56	65.5	1855	51	107	178	2.098	0.601	0.287	8.0	20.00
4981	40.7603	117.7008	-223.9	337	QAL	0	0	0	0	71	65.4	1916	60	99	179	1.650	0.553	0.335	8.2	20.00
4982	40.7605	117.7008	-222.8	340	QAL	0	0	0	0	60	65.6	2004	66	88	164	1.333	0.537	0.402	8.3	20.00
4983	40.7607	117.7009	-223.4	339	QAL	0	0	0	0	65	65.5	2021	51	89	195	1.745	0.456	0.262	8.4	20.00
4984	40.7609	117.7009	-222.8	338	QAL	0	0	0	0	63	65.5	2060	52	129	162	2.481	0.796	0.321	8.4	20.00
4985	40.7611	117.7009	-221.1	342	QAL	0	0	0	0	60	65.6	1995	41	130	176	3.171	0.739	0.233	8.5	20.00
4986	40.7613	117.7009	-221.7	342	QAL	0	0	0	0	61	65.6	1975	50	88	167	1.760	0.527	0.299	8.6	20.00
4987	40.7615	117.7009	-222.6	339	QAL	0	0	0	0	68	65.5	1936	47	124	182	2.638	0.681	0.258	8.7	20.00
4988	40.7617	117.7010	-220.0	336	QAL	0	0	0	0	60	65.4	1967	45	145	141	3.222	1.028	0.319	8.8	20.00
4989	40.7620	117.7010	-221.8	336	QAL	0	0	0	0	65	65.4	1959	48	115	175	2.396	0.657	0.274	8.9	20.00
4990	40.7622	117.7010	-223.7	334	QAL	0	0	0	0	63	65.3	1923	43	143	174	3.326	0.822	0.247	8.9	20.00
4991	40.7624	117.7010	-225.6	334	QAL	0	0	1	0	62	65.3	2045	69	28	211	0.406	0.133	0.327	9.0	20.00
4992	40.7626	117.7010	-225.4	335	QAL	0	0	0	0	60	65.3	2028	67	104	190	1.552	0.547	0.353	9.1	20.00
4993	40.7628	117.7010	-227.6	331	QAL	0	0	0	0	63	65.2	1988	35	157	192	4.486	0.818	0.182	9.2	20.00
4994	40.7630	117.7011	-230.2	330	QAL	0	0	0	0	63	65.1	2090	66	59	196	0.894	0.301	0.337	9.2	20.00
4995	40.7632	117.7011	-232.1	328	QAL	0	0	0	0	65	65.0	2128	51	109	213	2.137	0.512	0.239	9.2	20.00
4996	40.7634	117.7011	-232.2	320	QAL	0	0	0	0	59	64.7	1999	60	132	143	2.200	0.923	0.420	9.2	20.00
4997	40.7636	117.7011	-233.1	314	QAL	0	0	0	0	65	61.8	2037	50	128	185	2.560	0.692	0.270	9.2	20.00
4998	40.7639	117.7011	-233.0	312	QAL	0	0	0	0	74	61.7	2005	49	142	149	2.898	0.953	0.329	9.3	20.00
4999	40.7641	117.7012	-232.2	305	QAL	0	0	0	0	74	61.4	2014	73	76	179	1.041	0.425	0.408	9.4	20.00
5000	40.7643	117.7012	-231.1	303	QAL	0	0	0	0	69	61.3	1970	50	102	181	2.040	0.564	0.276	9.5	20.00
5001	40.7645	117.7012	-228.4	301	QAL	0	0	0	0	72	61.2	2024	60	78	186	1.300	0.419	0.323	9.5	20.00
5002	40.7647	117.7012	-228.1	295	QAL	0	0	0	0	62	61.0	2062	51	144	204	2.824	0.706	0.250	9.6	20.00
5003	40.7649	117.7012	-227.5	289	QAL	0	0	0	0	73	60.7	2071	57	169	143	2.965	1.182	0.399	9.7	20.00
5004	40.7651	117.7012	-228.4	284	QAL	0	0	0	0	66	60.5	2084	45	153	198	3.400	0.773	0.227	9.7	20.00
5005	40.7653	117.7013	-228.2	298	QAL	0	0	0	0	68	61.1	2175	67	169	172	2.522	0.983	0.390	9.8	20.00
5006	40.7655	117.7013	-227.8	327	QAL	0	0	0	0	66	62.3	2315	74	102	214	1.378	0.477	0.346	9.9	20.00
5007	40.7658	117.7013	-226.9	321	QAL	0	0	0	0	67	62.1	2206	69	98	201	1.420	0.488	0.343	9.9	20.00
5008	40.7660	117.7013	-226.8	295	QAL	0	0	0	0	68	61.0	2175	59	133	188	2.254	0.707	0.314	9.9	20.00
5009	40.7662	117.7013	-225.6	298	QAL	0	0	0	0	66	61.1	2174	64	136	159	2.125	0.855	0.403	9.9	20.00
5010	40.7663	117.7013	-224.8	307	QAL	0	0	0	0	65	61.5	2185	79	97	201	1.228	0.483	0.393	10.0	20.00
5011	40.7665	117.7013	-224.2	305	QAL	0	0	0	0	66	61.4	2185	80	55	216	0.688	0.255	0.370	10.0	20.00
5012	40.7666	117.7014	-224.3	305	QAL	0	0	0	0	62	61.4	2268	71	105	223	1.479	0.471	0.318	10.0	20.00
5013	40.7668	117.7014	-222.6	300	QAL	0	0	0	0	60	61.2	2197	51	147	188	2.882	0.782	0.271	9.9	20.00
5014	40.7669	117.7014	-222.0	300	QAL	0	0	0	0	63	61.2	2264	71	53	206	0.746	0.257	0.345	9.9	20.00
5015	40.7670	117.7014	-222.3	303	QAL	0	0	0	0	73	61.3	2173	56	203	143	3.625	1.420	0.392	9.9	20.00
5016	40.7672	117.7014	-225.4	297	QAL	0	0	0	0	66	68.5	2257	50	144	211	2.880	0.682	0.237	9.9	20.00
5017	40.7673	117.7014	-225.7	304	QAL	0	0	0	0	66	68.9	2203	77	146	165	1.896	0.885	0.467	9.9	20.00
5018	40.7675	117.7014	-225.6	324	QAL	0	0	0	0	69	69.8	2362	63	205	155	3.254	1.323	0.406	9.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5019	40.7676	117.7014	-225.3	333	QAL	0	0	1	0	62	70.3	2385	87	3	257	0.034	0.012	0.339	9.9	20.00
5020	40.7678	117.7014	-225.0	349	QAL	0	0	0	0	65	71.0	2418	65	181	172	2.785	1.052	0.378	9.8	20.00
5021	40.7679	117.7014	-226.1	345	QAL	0	0	0	0	69	70.8	2467	95	92	178	0.968	0.517	0.534	9.7	20.00
5022	40.7681	117.7015	-225.3	328	QAL	0	0	0	0	75	70.0	2363	85	36	210	0.424	0.171	0.405	9.6	20.00
5023	40.7682	117.7015	-223.6	302	QAL	0	0	0	0	64	68.8	2242	75	144	174	1.920	0.828	0.431	9.6	20.00
5024	40.7683	117.7015	-224.8	286	QAL	0	0	0	0	66	68.0	2107	72	164	126	2.278	1.302	0.571	9.5	20.00
5025	40.7685	117.7015	-225.6	296	QAL	0	0	0	0	53	68.5	2261	70	124	201	1.771	0.617	0.348	9.5	20.00
5026	40.7686	117.7015	-223.8	343	QAL	0	0	0	0	68	70.7	2338	51	106	221	2.078	0.480	0.231	9.3	20.00
5027	40.7688	117.7015	-224.8	375	QAL	0	0	0	0	75	72.1	2443	77	105	220	1.364	0.477	0.350	9.3	20.00
5028	40.7689	117.7015	-225.5	364	QAL	0	0	0	0	73	71.6	2317	79	98	184	1.241	0.533	0.429	9.2	20.00
5029	40.7691	117.7015	-225.5	348	QAL	0	0	0	0	71	70.9	2339	74	114	188	1.541	0.606	0.394	9.1	20.00
5030	40.7692	117.7015	-225.7	330	QAL	0	0	0	0	74	70.1	2380	65	99	231	1.523	0.429	0.281	9.1	20.00
5031	40.7693	117.7015	-225.8	319	QAL	0	0	0	0	63	69.6	2316	61	121	184	1.984	0.658	0.332	9.0	20.00
5032	40.7695	117.7015	-224.8	309	QAL	0	0	0	0	63	69.1	2011	56	105	164	1.875	0.640	0.341	8.9	20.00
5033	40.7696	117.7016	-227.0	326	QAL	0	0	0	0	68	69.9	1993	58	146	163	2.517	0.896	0.356	8.9	20.00
5034	40.7698	117.7016	-225.7	361	QAL	0	0	0	0	81	71.5	2099	66	60	198	0.909	0.303	0.333	8.9	20.00
5035	40.7699	117.7016	-226.4	380	QAL	0	0	0	0	72	63.9	2226	67	52	184	0.776	0.283	0.364	8.8	20.00
5036	40.7701	117.7016	-226.8	406	QAL	0	0	0	0	71	64.9	2237	54	103	182	1.907	0.566	0.297	8.6	20.00
5037	40.7702	117.7016	-225.4	464	QAL	0	0	0	0	76	67.0	2368	50	121	207	2.420	0.585	0.242	8.5	20.00
5038	40.7704	117.7016	-224.4	493	QAL	0	0	0	0	71	68.1	2264	61	72	166	1.180	0.434	0.367	8.5	20.00
5039	40.7705	117.7016	-224.0	494	QAL	0	0	0	0	73	68.1	2379	74	82	179	1.108	0.458	0.413	8.3	20.00
5040	40.7706	117.7016	-223.4	491	QAL	0	0	0	0	68	68.0	2322	62	103	187	1.661	0.551	0.332	8.2	20.00
5041	40.7708	117.7016	-223.0	483	QAL	0	0	0	0	70	67.7	2262	62	160	135	2.581	1.185	0.459	8.1	20.00
5042	40.7709	117.7016	-223.7	474	QAL	0	0	0	0	64	67.4	2201	70	53	209	0.757	0.254	0.335	7.9	20.00
5043	40.7711	117.7016	-224.9	485	QAL	0	0	0	0	76	67.8	2322	74	91	156	1.230	0.583	0.474	7.8	20.00
5044	40.7712	117.7017	-223.4	489	QAL	0	0	0	0	66	67.9	2355	83	74	185	0.892	0.400	0.449	7.7	20.00
5045	40.7714	117.7017	-224.8	489	QAL	0	0	0	0	72	67.9	2329	79	76	170	0.962	0.447	0.465	7.5	20.00
5046	40.7715	117.7017	-224.1	484	QAL	0	0	0	0	83	67.8	2280	69	60	231	0.870	0.260	0.299	7.4	20.00
5047	40.7716	117.7017	-223.4	489	QAL	0	0	0	0	71	67.9	2239	72	145	142	2.014	1.021	0.507	7.4	20.00
5048	40.7718	117.7017	-224.2	494	QAL	0	0	0	0	75	68.1	2206	70	69	143	0.986	0.483	0.490	7.3	20.00
5049	40.7719	117.7017	-223.5	500	QAL	0	0	0	0	80	68.3	2185	65	110	137	1.692	0.803	0.474	7.2	20.00
5050	40.7721	117.7017	-223.0	571	QAL	0	0	0	0	73	70.7	2368	58	128	151	2.207	0.848	0.384	7.0	20.00
5051	40.7722	117.7017	-222.8	575	QAL	0	0	0	0	66	70.8	2281	57	118	176	2.070	0.670	0.324	6.9	20.00
5052	40.7724	117.7017	-222.2	590	QAL	0	0	0	0	69	71.2	2508	76	52	181	0.684	0.287	0.420	6.9	20.00
5053	40.7725	117.7017	-221.6	586	QAL	0	0	0	0	68	71.1	2459	80	37	211	0.462	0.175	0.379	6.7	20.00
5054	40.7727	117.7018	-221.1	590	QAL	0	0	1	0	74	61.6	2429	111	30	190	0.270	0.158	0.584	6.6	20.00
5055	40.7728	117.7018	-220.6	568	QAL	0	0	0	0	71	61.0	2311	75	97	146	1.293	0.664	0.514	6.5	20.00
5056	40.7729	117.7018	-220.0	500	QAL	0	0	0	0	67	59.0	2156	57	92	186	1.614	0.495	0.306	6.4	20.00
5057	40.7731	117.7018	-221.4	492	QAL	0	0	0	0	66	58.8	2083	78	68	120	0.872	0.567	0.650	6.2	20.00
5058	40.7732	117.7018	-221.3	483	QAL	0	0	0	0	75	58.5	2120	72	101	151	1.403	0.669	0.477	6.1	20.00
5059	40.7734	117.7018	-222.2	471	QAL	0	0	0	0	67	58.2	2061	65	120	160	1.846	0.750	0.406	6.0	20.00
5060	40.7735	117.7018	-222.4	484	QAL	0	0	0	0	73	58.6	2128	67	129	107	1.925	1.206	0.626	5.8	20.00
5061	40.7737	117.7018	-223.4	495	QAL	0	0	0	0	70	58.9	2233	68	44	221	0.647	0.199	0.308	5.8	20.00
5062	40.7738	117.7018	-222.2	505	QAL	0	0	0	0	82	59.2	2140	62	115	153	1.855	0.752	0.405	5.6	20.00
5063	40.7739	117.7018	-224.5	505	QAL	0	0	0	0	69	59.2	2184	67	141	133	2.104	1.060	0.504	5.5	20.00
5064	40.7741	117.7018	-223.7	512	QAL	0	0	0	0	64	59.4	1978	75	39	141	0.520	0.277	0.532	5.4	20.00
5065	40.7742	117.7019	-225.5	521	QAL	0	0	0	0	84	59.7	1974	49	170	85	3.469	2.000	0.576	5.3	20.00
5066	40.7744	117.7019	-224.7	571	QAL	0	0	0	0	81	61.1	2110	63	67	139	1.063	0.482	0.453	5.2	20.00
5067	40.7745	117.7019	-223.0	656	QAL	0	0	1	0	78	63.3	2169	81	21	219	0.259	0.096	0.370	5.1	20.00
5068	40.7747	117.7019	-222.1	715	QAL	1	0	0	0	72	64.7	2402	83	121	181	1.458	0.669	0.459	5.0	20.00
5069	40.7748	117.7019	-220.2	720	QAL	1	0	0	0	78	64.8	2347	61	81	194	1.328	0.418	0.314	5.0	20.00
5070	40.7750	117.7019	-219.0	721	QAL	1	0	0	0	73	64.9	2256	64	117	122	1.828	0.959	0.525	4.9	20.00
5071	40.7751	117.7019	-220.2	705	QAL	1	0	0	0	78	64.5	2159	67	106	201	1.582	0.527	0.333	4.8	20.00
5072	40.7752	117.7019	-220.6	731	QAL	1	0	0	0	75	65.1	2208	77	97	153	1.260	0.634	0.503	4.8	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5073	40.7754	117.7019	-221.1	733	QAL	1	0	0	0	68	49.4	2320	45	100	258	2.222	0.388	0.174	4.8	20.00
5074	40.7755	117.7019	-220.9	708	QAL	1	0	0	0	71	49.0	2243	54	189	158	3.500	1.196	0.342	4.8	20.00
5075	40.7757	117.7019	-222.2	681	QAL	0	0	0	0	82	48.5	2077	69	110	102	1.594	1.078	0.676	4.8	20.00
5076	40.7758	117.7020	-222.5	619	QAL	0	0	0	0	72	47.3	1914	58	136	111	2.345	1.225	0.523	4.7	20.00
5077	40.7760	117.7020	-222.6	589	QAL	0	0	0	0	69	46.7	2075	79	107	96	1.354	1.115	0.823	4.7	20.00
5078	40.7761	117.7020	-225.2	558	QAL	0	0	0	0	68	46.1	1964	56	70	182	1.250	0.385	0.308	4.7	20.00
5079	40.7762	117.7020	-226.6	520	QAL	0	0	0	0	75	45.3	1841	55	158	89	2.873	1.775	0.618	4.7	20.00
5080	40.7764	117.7020	-227.7	519	QAL	0	0	0	0	74	45.2	1887	58	57	142	0.983	0.401	0.408	4.6	20.00
5081	40.7765	117.7020	-227.9	533	QAL	0	0	0	0	71	45.5	1767	48	59	152	1.229	0.388	0.316	4.6	20.00
5082	40.7767	117.7020	-228.4	575	QAL	0	0	0	0	76	46.4	1938	64	39	142	0.609	0.275	0.451	4.5	20.00
5083	40.7768	117.7020	-228.6	589	QAL	0	0	0	0	74	46.7	2029	44	138	138	3.136	1.000	0.319	4.4	20.00
5084	40.7770	117.7020	-228.2	609	QAL	0	0	0	0	73	47.1	1809	56	75	142	1.339	0.528	0.394	4.3	20.00
5085	40.7771	117.7020	-228.3	608	QAL	0	0	0	0	75	47.1	1813	22	137	114	6.227	1.202	0.193	4.2	20.00
5086	40.7773	117.7020	-231.0	626	QAL	0	0	0	0	81	47.4	1608	43	81	80	1.884	1.013	0.538	4.1	20.00
5087	40.7774	117.7021	-230.7	672	QAL	0	0	0	0	76	48.3	1763	46	57	132	1.239	0.432	0.348	4.2	20.00
5088	40.7775	117.7021	-231.1	724	QAL	1	0	0	0	76	49.3	1858	27	101	118	3.741	0.856	0.229	4.1	20.00
5089	40.7777	117.7021	-229.0	777	QAL	1	0	0	0	74	50.2	1977	66	61	146	0.924	0.418	0.452	4.0	20.00
5090	40.7778	117.7021	-229.9	854	QAL	1	0	0	0	84	51.4	1808	52	50	122	0.962	0.410	0.426	4.0	20.00
5091	40.7780	117.7021	-229.2	920	QAL	1	0	0	0	76	52.3	1956	64	54	135	0.844	0.400	0.474	4.0	20.00
5092	40.7781	117.7021	-228.2	956	QAL	1	0	0	0	82	43.3	1969	54	98	137	1.815	0.715	0.394	3.9	20.00
5093	40.7783	117.7021	-226.8	985	QAL	1	0	0	0	72	43.6	1960	52	139	166	2.673	0.837	0.313	3.9	20.00
5094	40.7784	117.7021	-226.9	1045	QAL	2	0	0	0	71	44.2	2070	25	109	182	4.360	0.599	0.137	3.8	20.00
5095	40.7785	117.7021	-225.0	1094	QAL	2	0	1	0	74	44.7	1918	76	-23	241	-0.303	-0.095	0.315	3.8	20.00
5096	40.7787	117.7021	-225.9	1155	QAL	2	0	0	0	69	44.7	2180	71	131	88	1.845	1.489	0.807	3.8	20.00
5097	40.7788	117.7022	-225.6	1201	QAL	2	1	0	1	77	44.7	2035	17	174	30	10.235	5.800	0.567	3.8	20.00
5098	40.7790	117.7022	-228.4	1232	QAL	2	0	0	0	72	44.7	2175	45	46	179	1.022	0.257	0.251	3.9	20.00
5099	40.7796	117.7022	-227.1	1241	QAL	2	0	0	0	77	44.7	2170	21	113	148	5.381	0.764	0.142	3.9	20.00
5100	40.7802	117.7022	-228.3	1228	QAL	2	0	1	0	83	44.7	2153	38	9	177	0.237	0.051	0.215	3.8	20.00
5101	40.7808	117.7022	-228.5	1219	QAL	2	1	0	0	79	44.7	2058	86	64	39	0.744	1.641	2.205	3.9	20.00
5102	40.7814	117.7022	-229.2	1203	QAL	2	0	0	0	73	44.7	2075	51	78	161	1.529	0.484	0.317	3.8	20.00
5103	40.7820	117.7022	-228.0	1172	QAL	2	1	0	1	83	44.7	2093	3	194	-15	64.667	-12.933	-0.200	3.8	20.00
5104	40.7826	117.7022	-231.0	1157	EH2	2	0	1	0	74	44.7	1980	45	11	199	0.244	0.055	0.226	3.7	20.00
5105	40.7832	117.7022	-230.5	1107	EH2	2	0	0	0	76	44.7	2062	53	132	159	2.491	0.830	0.333	3.6	20.00
5106	40.7838	117.7022	-231.3	1073	EH2	2	0	0	0	79	44.5	1999	38	108	113	2.842	0.956	0.336	3.6	20.00
5107	40.7844	117.7022	-232.4	1046	EH2	2	0	0	0	76	44.2	1922	33	101	105	3.061	0.962	0.314	3.6	20.00
5108	40.7850	117.7022	-233.6	1031	EH2	2	0	0	0	80	44.1	1924	79	58	60	0.734	0.967	1.317	3.6	20.00
5109	40.7856	117.7022	-234.0	987	EH2	1	0	0	0	76	43.6	1921	45	78	150	1.733	0.520	0.300	3.6	20.00
5110	40.7862	117.7022	-233.8	958	EH2	1	1	0	0	78	43.3	1884	54	133	40	2.463	3.325	1.350	3.7	20.00
5111	40.7868	117.7022	-235.1	957	EH2	1	0	0	0	66	51.4	2060	62	51	210	0.823	0.243	0.295	3.8	20.00
5112	40.7874	117.7022	-237.0	929	EH2	1	0	0	0	78	51.0	1994	75	43	91	0.577	0.473	0.824	3.7	20.00
5113	40.7880	117.7022	-236.1	894	EH2	1	0	0	0	74	50.5	2035	42	94	194	2.238	0.485	0.216	3.8	20.00
5114	40.7886	117.7022	-237.0	884	EH2	1	0	0	0	73	50.4	2021	33	123	136	3.727	0.904	0.243	3.7	20.00
5115	40.7892	117.7022	-237.3	858	EH2	1	0	0	0	84	50.0	2118	51	80	169	1.569	0.473	0.302	3.8	20.00
5116	40.7898	117.7022	-237.6	831	EH2	1	0	0	0	82	49.6	1955	62	70	125	1.129	0.560	0.496	3.7	20.00
5117	40.7904	117.7022	-238.9	769	EH2	1	0	0	0	71	48.7	2002	66	108	93	1.636	1.161	0.710	3.6	20.00
5118	40.7910	117.7022	-240.0	731	EH2	1	0	0	0	67	48.0	2182	71	103	134	1.451	0.769	0.530	3.6	20.00
5119	40.7916	117.7022	-240.9	671	EH2	0	0	0	0	86	47.0	1920	38	68	172	1.789	0.395	0.221	3.6	20.00
5120	40.7922	117.7022	-242.5	635	EH2	0	0	0	0	76	46.3	1921	53	93	152	1.755	0.612	0.349	3.6	20.00
5121	40.7928	117.7022	-242.2	589	EH2	0	0	0	0	77	45.4	1887	49	111	122	2.265	0.910	0.402	3.5	20.00
5122	40.7934	117.7022	-243.5	562	EH2	0	0	0	0	74	44.9	1850	66	51	105	0.773	0.486	0.629	3.5	20.00
5123	40.7940	117.7022	-245.2	518	EH2	0	0	0	0	84	44.0	1763	39	58	136	1.487	0.426	0.287	3.4	20.00
5124	40.7946	117.7022	-246.4	500	EH2	0	0	0	0	69	43.6	1739	45	66	98	1.467	0.673	0.459	3.3	20.00
5125	40.7952	117.7022	-246.0	497	EH2	0	0	0	0	82	43.5	1812	37	172	62	4.649	2.774	0.597	3.3	20.00
5126	40.7958	117.7022	-247.8	498	EH2	0	0	0	0	79	43.5	1757	52	113	90	2.173	1.256	0.578	3.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5127	40.7964	117.7022	-246.5	512	EH2	0	0	0	0	77	43.8	1738	66	112	90	1.697	1.244	0.733	3.2	20.00
5128	40.7970	117.7022	-248.4	537	EH2	0	0	0	0	94	44.4	1790	41	105	101	2.561	1.040	0.406	3.2	20.00
5129	40.7976	117.7022	-247.9	575	EH2	0	0	0	0	78	45.1	1961	56	101	123	1.804	0.821	0.455	3.1	20.00
5130	40.7982	117.7022	-247.6	619	EH2	0	0	0	0	70	58.8	1788	59	77	127	1.305	0.606	0.465	3.0	20.00
5131	40.7988	117.7022	-248.3	642	EH2	0	0	0	0	79	59.3	1883	53	125	99	2.358	1.263	0.535	2.9	20.00
5132	40.7994	117.7022	-249.4	637	EH2	0	0	0	0	87	59.2	1851	30	105	189	3.500	0.556	0.159	2.8	20.00
5133	40.8000	117.7022	-248.8	652	EH2	0	0	0	0	73	59.5	1955	45	82	159	1.822	0.516	0.283	2.8	20.00
5134	40.8006	117.7022	-252.1	633	EH2	0	0	0	0	101	59.1	1845	50	61	122	1.220	0.500	0.410	2.6	20.00
5135	40.8012	117.7022	-251.4	624	EH2	0	0	0	0	74	58.9	1890	42	108	112	2.571	0.964	0.375	2.6	20.00
5136	40.8018	117.7022	-250.8	591	EH2	0	0	0	0	76	58.1	1937	38	67	136	1.763	0.493	0.279	2.5	20.00
5137	40.8024	117.7022	-251.3	574	EH2	0	0	0	0	81	57.6	1875	65	120	69	1.846	1.739	0.942	2.5	20.00
5138	40.8030	117.7022	-253.6	545	EH2	0	0	0	0	82	56.9	1837	24	158	144	6.583	1.097	0.167	2.4	20.00
5139	40.8036	117.7022	-254.3	524	EH2	0	0	0	0	74	56.3	1936	57	120	122	2.105	0.984	0.467	2.4	20.00
5140	40.8042	117.7022	-254.4	499	EH2	0	0	0	0	82	55.6	1807	50	65	158	1.300	0.411	0.316	2.4	20.00
5141	40.8048	117.7022	-255.7	493	EH2	0	0	0	0	81	55.5	1783	65	61	107	0.938	0.570	0.607	2.3	20.00
5142	40.8054	117.7022	-254.6	492	EH2	0	0	0	0	86	55.4	1956	44	57	171	1.295	0.333	0.257	2.3	20.00
5143	40.8060	117.7022	-254.9	495	EH2	0	0	1	0	83	55.5	1866	56	21	183	0.375	0.115	0.306	2.3	20.00
5144	40.8066	117.7022	-258.6	511	EH2	0	0	0	0	74	56.0	1895	62	120	72	1.935	1.667	0.861	2.3	20.00
5145	40.8072	117.7022	-257.2	572	EH2	0	0	0	0	81	57.6	1957	60	93	146	1.550	0.637	0.411	2.3	20.00
5146	40.8078	117.7022	-258.6	643	EH2	0	0	0	0	82	59.3	1959	28	105	172	3.750	0.610	0.163	2.3	20.00
5147	40.8084	117.7022	-258.7	704	EH2	1	0	0	0	80	60.7	2120	66	113	148	1.712	0.764	0.446	2.2	20.00
5148	40.8090	117.7022	-249.6	759	EH2	1	0	0	0	90	61.9	2302	66	83	166	1.258	0.500	0.398	2.2	20.00
5149	40.8096	117.7022	-258.2	747	EH2	1	0	0	0	82	60.8	2304	54	120	200	2.222	0.600	0.270	2.1	20.00
5150	40.8102	117.7022	-259.0	722	EH2	1	0	0	0	78	60.3	2255	40	114	199	2.850	0.573	0.201	2.0	20.00
5151	40.8108	117.7022	-260.8	696	EH2	0	0	0	0	78	59.7	2092	42	64	195	1.524	0.328	0.215	1.9	20.00
5152	40.8114	117.7022	-261.4	728	EH2	1	0	1	0	84	60.4	2136	74	15	167	0.203	0.090	0.443	1.8	20.00
5153	40.8120	117.7022	-261.2	759	EH2	1	0	0	0	78	61.1	2113	68	78	151	1.147	0.517	0.450	1.8	20.00
5154	40.8126	117.7022	-260.6	783	EH2	1	0	0	0	77	61.6	2319	88	89	98	1.011	0.908	0.898	1.7	20.00
5155	40.8132	117.7022	-261.6	790	EH2	1	0	0	0	83	61.7	2303	71	49	224	0.690	0.219	0.317	1.7	20.00
5156	40.8138	117.7022	-261.8	773	EH2	1	0	0	0	78	61.4	2261	91	78	152	0.857	0.513	0.599	1.6	20.00
5157	40.8144	117.7022	-263.5	729	EH2	1	0	0	0	80	60.4	2134	80	50	150	0.625	0.333	0.533	1.6	20.00
5158	40.8150	117.7022	-264.3	673	EH2	0	0	0	0	72	59.2	2149	82	70	168	0.854	0.417	0.488	1.5	20.00
5159	40.8156	117.7022	-265.1	610	EH2	0	0	0	0	76	57.7	2134	45	142	157	3.156	0.904	0.287	1.5	20.00
5160	40.8162	117.7022	-266.2	577	EH2	0	0	0	0	88	56.9	2135	51	145	103	2.843	1.408	0.495	1.4	20.00
5161	40.8168	117.7022	-266.2	530	EH2	0	0	0	0	91	55.7	2120	57	68	200	1.193	0.340	0.285	1.3	20.00
5162	40.8174	117.7022	-267.8	500	EH2	0	0	0	0	85	54.9	2144	81	51	179	0.630	0.285	0.453	1.2	20.00
5163	40.8180	117.7022	-268.6	493	EH2	0	0	0	0	78	54.7	2224	78	84	138	1.077	0.609	0.565	1.1	20.00
5164	40.8186	117.7022	-269.7	464	EH2	0	0	0	0	91	53.9	2072	82	54	194	0.659	0.278	0.423	0.9	20.00
5165	40.8192	117.7022	-269.6	426	EH2	0	0	0	0	75	52.8	2035	49	141	143	2.878	0.986	0.343	0.9	20.00
5166	40.8198	117.7022	-273.4	424	EH2	0	0	0	0	99	52.7	2005	47	164	127	3.489	1.291	0.370	0.8	20.00
5167	40.8204	117.7022	-271.9	466	EH2	0	0	0	0	82	54.0	1945	56	68	185	1.214	0.368	0.303	0.8	20.00
5168	40.8210	117.7022	-273.5	491	EH2	0	0	0	0	78	48.6	1934	57	100	158	1.754	0.633	0.361	0.8	20.00
5169	40.8216	117.7022	-275.3	531	EH2	0	0	0	0	82	49.5	1858	43	109	100	2.535	1.090	0.430	0.8	20.00
5170	40.8222	117.7022	-276.0	601	EH2	0	0	0	0	85	51.1	1817	43	124	109	2.884	1.138	0.394	0.7	20.00
5171	40.8228	117.7022	-276.9	656	EH2	0	0	0	0	92	52.3	1864	41	46	146	1.122	0.315	0.281	0.6	20.00
5172	40.8234	117.7022	-275.8	709	EH2	1	0	0	0	90	53.4	1860	46	37	109	0.804	0.339	0.422	0.6	20.00
5173	40.8240	117.7022	-277.1	741	EH2	1	0	0	0	78	54.0	1652	31	77	104	2.484	0.740	0.298	0.5	20.00
5174	40.8246	117.7022	-276.3	812	EH2	1	0	0	0	82	55.2	1763	58	57	65	0.983	0.877	0.892	0.5	20.00
5175	40.8252	117.7022	-276.9	876	EH2	1	0	1	0	80	56.3	1777	57	18	139	0.316	0.129	0.410	0.4	20.00
5176	40.8258	117.7022	-278.1	924	EH2	1	0	0	0	81	57.1	1674	38	74	63	1.947	1.175	0.603	0.3	20.00
5177	40.8264	117.7022	-279.3	995	EH2	1	0	0	0	80	58.1	2058	50	100	80	2.000	1.250	0.625	0.3	20.00
5178	40.8270	117.7022	-279.2	1042	EH2	2	0	0	0	81	58.7	1752	22	67	103	3.045	0.650	0.214	0.2	20.00
5179	40.8276	117.7022	-278.9	1095	EH2	2	1	0	0	86	59.4	1830	49	82	-7	1.673	-11.714	-7.000	0.1	20.00
5180	40.8282	117.7022	-279.0	1150	EH2	2	0	1	0	81	59.5	1932	37	-5	213	-0.135	-0.023	0.174	0.0	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5181	40.8288	117.7022	-280.2	1159	EH2	2	0	0	1	87	59.5	1815	7	41	100	5.857	0.410	0.070	0.0	20.00
5182	40.8294	117.7022	-281.9	1153	EH2	2	0	1	0	82	59.5	1777	53	14	123	0.264	0.114	0.431	0.0	20.00
5183	40.8300	117.7022	-284.1	1096	EH2	2	0	0	0	82	59.4	1709	31	73	95	2.355	0.768	0.326	0.0	20.00
5184	40.8306	117.7022	-283.8	1027	EH2	2	0	1	0	75	58.5	1653	31	-15	121	-0.484	-0.124	0.256	0.0	20.00
5185	40.8312	117.7022	-285.8	944	EH2	1	0	0	0	82	57.4	1460	15	68	93	4.533	0.731	0.161	0.0	20.00
5186	40.8318	117.7022	-287.3	897	EH2	1	0	1	1	89	56.6	1269	3	16	76	5.333	0.211	0.039	0.0	20.00
5187	40.8324	117.7022	-287.1	890	EH2	1	1	0	1	94	45.5	1416	7	129	-39	18.429	-3.308	-0.179	0.0	20.00
5188	40.8330	117.7022	-286.0	921	EH2	1	0	0	0	82	45.9	1363	25	53	40	2.120	1.325	0.625	0.0	20.00
5189	40.8336	117.7022	-288.4	967	EH2	1	0	0	1	82	46.5	1432	-13	32	121	-2.462	0.264	-0.107	0.0	20.00
5190	40.8342	117.7022	-288.0	1054	EH2	2	1	0	1	79	47.4	1472	-3	121	-27	-40.333	-4.481	0.111	0.0	20.00
5191	40.8348	117.7022	-288.6	1140	EH2	2	0	0	1	73	47.9	1744	9	77	127	8.556	0.606	0.071	-0.2	20.00
5192	40.8354	117.7022	-288.1	1216	EH2	2	1	0	1	86	47.9	1728	19	66	15	3.474	4.400	1.267	-0.3	20.00
5193	40.8360	117.7022	-286.3	1260	EH2	2	0	1	0	79	47.9	1847	52	12	164	0.231	0.073	0.317	-0.3	20.00
5194	40.8366	117.7022	-288.4	1281	EH2	2	0	0	1	82	47.9	1913	14	80	84	5.714	0.952	0.167	-0.4	20.00
5195	40.8372	117.7022	-287.4	1267	EH2	2	1	0	0	88	47.9	1898	30	68	6	2.267	11.333	5.000	-0.4	20.00
5196	40.8378	117.7022	-289.0	1230	EH2	2	1	0	1	84	47.9	1710	13	74	5	5.692	14.800	2.600	-0.4	20.00
5197	40.8384	117.7022	-289.2	1156	EH2	2	0	0	1	89	47.9	1569	5	104	74	20.800	1.405	0.068	-0.4	20.00
5198	40.8390	117.7022	-290.7	1104	EH2	2	1	0	0	82	47.9	1608	18	96	14	5.333	6.857	1.286	-0.4	20.00
5199	40.8396	117.7022	-292.4	1032	EH2	2	0	0	1	85	47.2	1504	-6	58	124	-9.667	0.468	-0.048	-0.4	20.00
5200	40.8402	117.7022	-291.7	943	EH2	1	0	1	0	70	46.2	1361	35	-29	211	-0.829	-0.137	0.166	-0.4	20.00
5201	40.8408	117.7022	-294.1	868	EH2	1	0	0	1	84	45.2	1417	0	127	47	127.000	2.702	0.021	-0.4	20.00
5202	40.8415	117.7022	-293.5	827	EH2	1	0	0	0	85	44.7	1319	33	31	45	0.939	0.689	0.733	-0.4	20.00
5203	40.8421	117.7022	-293.6	773	EH2	1	0	0	0	91	43.9	1400	15	58	53	3.867	1.094	0.283	-0.4	20.00
5204	40.8427	117.7022	-295.0	702	EH2	1	0	0	0	85	42.8	1394	29	58	60	2.000	0.967	0.483	-0.4	20.00
5205	40.8433	117.7022	-296.3	641	EH2	0	1	0	0	85	41.8	1363	23	123	6	5.348	20.500	3.833	-0.4	20.00
5206	40.8439	117.7022	-296.1	587	EH2	0	0	0	0	86	45.6	1274	23	26	63	1.130	0.413	0.365	-0.4	20.00
5207	40.8445	117.7022	-297.4	526	EH2	0	0	0	1	92	44.3	1228	6	68	93	11.333	0.731	0.065	-0.3	20.00
5208	40.8451	117.7022	-297.0	494	EH2	0	0	0	1	86	43.6	1301	6	125	62	20.833	2.016	0.097	-0.3	20.00
5209	40.8457	117.7022	-297.3	493	EH2	0	0	0	0	79	43.6	1277	21	59	35	2.810	1.686	0.600	0.0	20.00
5210	40.8463	117.7022	-298.4	525	TRGV2	0	0	0	0	86	44.3	1272	12	82	79	6.833	1.038	0.152	0.0	20.00
5211	40.8469	117.7022	-300.0	609	TRGV2	0	0	0	0	84	46.0	1318	11	107	88	9.727	1.216	0.125	0.1	20.00
5212	40.8475	117.7022	-296.5	682	TRGV2	0	0	0	0	93	47.4	1500	20	48	92	2.400	0.522	0.217	0.1	20.00
5213	40.8481	117.7022	-298.7	758	TRGV2	1	0	0	0	86	48.7	1560	36	90	41	2.500	2.195	0.878	0.3	20.00
5214	40.8487	117.7022	-296.6	839	TRGV2	1	0	0	0	86	50.0	1568	34	91	58	2.676	1.569	0.586	0.4	20.00
5215	40.8493	117.7022	-296.6	883	TRGV2	1	0	0	0	91	50.6	1700	36	60	133	1.667	0.451	0.271	0.5	20.00
5216	40.8499	117.7022	-296.1	884	TRGV2	1	0	1	0	76	50.6	1605	41	14	160	0.341	0.088	0.256	0.6	20.00
5217	40.8505	117.7022	-296.5	845	TRGV2	1	0	0	0	88	50.0	1631	23	54	102	2.348	0.529	0.225	0.7	20.00
5218	40.8511	117.7022	-299.1	788	TRGV2	1	0	1	0	87	49.2	1566	20	-5	122	-0.250	-0.041	0.164	0.7	20.00
5219	40.8517	117.7022	-298.1	758	TRGV2	1	0	1	0	88	48.7	1591	39	11	86	0.282	0.128	0.453	0.8	20.00
5220	40.8523	117.7022	-298.7	766	TRGV2	1	0	1	0	80	48.8	1544	40	23	83	0.575	0.277	0.482	0.8	20.00
5221	40.8529	117.7022	-298.1	814	TRGV2	1	0	0	0	75	49.6	1488	40	58	63	1.450	0.921	0.635	0.8	20.00
5222	40.8535	117.7022	-297.6	877	TRGV2	1	0	0	0	86	50.5	1510	19	75	94	3.947	0.798	0.202	0.9	20.00
5223	40.8541	117.7022	-296.6	952	TRGV2	1	0	0	0	85	51.6	1593	25	70	57	2.800	1.228	0.439	0.9	20.00
5224	40.8547	117.7022	-297.2	1041	TRGV2	2	0	1	0	87	52.7	1694	43	-5	103	-0.116	-0.049	0.417	1.0	20.00
5225	40.8553	117.7022	-297.1	1085	TRGV2	2	1	0	0	81	53.8	1742	40	107	-41	2.675	-2.610	-0.976	1.0	20.00
5226	40.8559	117.7022	-296.8	1102	TRGV2	2	0	0	0	80	54.0	1757	37	86	69	2.324	1.246	0.536	1.1	20.00
5227	40.8565	117.7022	-296.4	1095	TRGV2	2	0	0	0	81	53.9	1875	30	56	79	1.867	0.709	0.380	1.2	20.00
5228	40.8571	117.7022	-296.1	1057	TRGV2	2	0	0	0	95	53.5	1762	42	55	51	1.310	1.078	0.824	1.2	20.00
5229	40.8577	117.7022	-296.7	996	TRGV2	1	0	0	0	86	52.7	1579	21	62	106	2.952	0.585	0.198	1.3	20.00
5230	40.8583	117.7022	-296.1	953	TRDG1	1	0	0	0	78	52.2	1651	16	77	103	4.813	0.748	0.155	1.3	20.00
5231	40.8589	117.7022	-295.1	906	TRDG1	1	0	0	0	83	51.5	1544	44	31	59	0.705	0.525	0.746	1.4	20.00
5232	40.8595	117.7022	-297.7	845	TRDG1	1	0	0	0	86	50.6	1465	31	33	135	1.065	0.244	0.230	1.5	20.00
5233	40.8601	117.7022	-297.8	780	TRDG1	1	0	0	0	87	49.6	1526	49	36	68	0.735	0.529	0.721	1.6	20.00
5234	40.8607	117.7022	-296.5	734	TRDG1	1	0	1	0	82	48.8	1402	23	11	105	0.478	0.105	0.219	1.7	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5235	40.8613	117.7022	-300.2	714	TRDG1	1	0	0	0	86	48.5	1491	35	43	93	1.229	0.462	0.376	1.8	20.00
5236	40.8619	117.7022	-299.0	688	TRDG1	0	0	0	1	80	48.0	1453	6	150	37	25.000	4.054	0.162	1.9	20.00
5237	40.8625	117.7022	-301.4	704	TRDG1	1	0	0	0	79	48.3	1545	18	95	90	5.278	1.056	0.200	2.0	20.00
5238	40.8631	117.7022	-299.7	737	TRDG1	1	0	0	0	81	48.9	1524	27	62	48	2.296	1.292	0.563	2.0	20.00
5239	40.8637	117.7022	-299.8	764	TRDG1	1	0	0	0	78	49.3	1581	23	105	67	4.565	1.567	0.343	2.1	20.00
5240	40.8643	117.7022	-298.4	824	TRDG1	1	0	0	0	86	50.3	1592	37	56	64	1.514	0.875	0.578	2.1	20.00
5241	40.8649	117.7022	-299.2	861	TRDG1	1	0	1	0	87	50.9	1546	18	27	160	1.500	0.169	0.112	2.1	20.00
5242	40.8655	117.7022	-297.4	902	TRDG1	1	0	0	0	79	51.5	1639	39	87	36	2.231	2.417	1.083	2.3	20.00
5243	40.8661	117.7022	-296.6	947	TRDG1	1	0	0	0	74	52.1	1850	53	80	105	1.509	0.762	0.505	2.3	20.00
5244	40.8667	117.7022	-298.0	974	TRDG1	1	0	0	0	81	50.2	1703	27	125	55	4.630	2.273	0.491	2.4	20.00
5245	40.8673	117.7022	-297.8	1002	TRDG1	2	0	0	0	89	50.5	1740	25	55	183	2.200	0.301	0.137	2.4	20.00
5246	40.8679	117.7022	-297.8	1013	TRDG1	2	0	1	0	92	50.7	1773	37	7	133	0.189	0.053	0.278	2.5	20.00
5247	40.8685	117.7022	-297.5	1034	TRDG1	2	0	1	0	82	50.9	1860	60	17	119	0.283	0.143	0.504	2.5	20.00
5248	40.8691	117.7022	-298.0	1044	TRDG1	2	0	0	1	87	51.0	1816	14	110	73	7.857	1.507	0.192	2.6	20.00
5249	40.8697	117.7022	-298.9	1060	TRDG1	2	0	1	0	82	51.2	1900	70	-15	189	-0.214	-0.079	0.370	2.6	20.00
5250	40.8703	117.7022	-297.7	1088	TRGV1	2	0	0	0	68	51.5	1975	57	70	110	1.228	0.636	0.518	2.7	20.00
5251	40.8709	117.7022	-296.7	1103	TRGV1	2	0	0	0	73	51.6	1917	55	51	122	0.927	0.418	0.451	2.8	20.00
5252	40.8715	117.7022	-295.1	1091	TRGV1	2	0	0	0	79	51.5	1933	34	103	90	3.029	1.144	0.378	2.9	20.00
5253	40.8721	117.7022	-296.2	1059	TRGV1	2	0	0	1	81	51.2	1695	9	59	57	6.556	1.035	0.158	3.0	20.00
5254	40.8727	117.7022	-298.2	1035	TRGV1	2	0	0	0	71	50.9	1683	29	66	70	2.276	0.943	0.414	3.1	20.00
5255	40.8733	117.7022	-296.8	1001	TRGV1	2	0	0	0	81	50.5	1520	47	34	52	0.723	0.654	0.904	3.2	20.00
5256	40.8739	117.7022	-297.9	943	TRGV1	1	0	0	0	80	49.8	1521	34	42	86	1.235	0.488	0.395	3.3	20.00
5257	40.8745	117.7022	-298.6	891	TRGV1	1	0	0	0	76	49.1	1408	27	34	78	1.259	0.436	0.346	3.4	20.00
5258	40.8751	117.7022	-298.2	831	TRGV1	1	0	0	1	89	48.2	1454	9	93	44	10.333	2.114	0.205	3.5	20.00
5259	40.8757	117.7022	-297.6	790	TRGV1	1	1	0	1	83	47.6	1450	9	58	25	6.444	2.320	0.360	3.5	20.00
5260	40.8763	117.7022	-298.3	782	TRGV1	1	0	0	0	71	47.5	1452	11	52	29	4.727	1.793	0.379	3.5	20.00
5261	40.8769	117.7022	-298.4	801	TRGV1	1	0	0	1	77	47.8	1402	5	50	43	10.000	1.163	0.116	3.5	20.00
5262	40.8775	117.7022	-296.9	816	TRGV1	1	0	1	0	72	48.0	1377	17	26	105	1.529	0.248	0.162	3.4	20.00
5263	40.8781	117.7022	-298.2	815	TRGV1	1	1	0	0	80	53.1	1419	16	83	-5	5.188	-16.600	-3.200	3.5	20.00
5264	40.8787	117.7022	-299.8	787	TRGV1	1	0	0	0	69	52.7	1515	25	49	49	1.960	1.000	0.510	3.5	20.00
5265	40.8793	117.7022	-297.0	737	TRGV1	1	0	0	0	69	51.8	1392	22	25	59	1.136	0.424	0.373	3.5	20.00
5266	40.8799	117.7022	-299.5	685	TRGV1	0	0	0	1	76	50.8	1368	8	37	77	4.625	0.481	0.104	3.5	20.00
5267	40.8805	117.7022	-298.2	638	TRGV1	0	0	0	0	64	49.9	1252	16	31	67	1.938	0.463	0.239	3.5	20.00
5268	40.8811	117.7022	-297.8	580	TRGV1	0	0	1	0	73	48.7	1271	25	20	59	0.800	0.339	0.424	3.5	20.00
5269	40.8817	117.7022	-298.4	512	TRGV1	0	0	0	1	72	47.2	1159	7	53	47	7.571	1.128	0.149	3.5	20.00
5270	40.8823	117.7022	-300.9	497	TRNP	0	0	0	0	69	46.8	1085	10	74	43	7.400	1.721	0.233	3.5	20.00
5271	40.8829	117.7022	-299.3	486	TRNP	0	0	0	0	82	46.6	1188	22	45	46	2.045	0.978	0.478	3.6	20.00
5272	40.8835	117.7022	-299.5	463	TRNP	0	0	0	1	73	46.0	1249	-4	128	74	-32.000	1.730	-0.054	3.6	20.00
5273	40.8841	117.7022	-300.0	417	TRNP	0	0	0	0	84	44.9	1371	23	90	75	3.913	1.200	0.307	3.7	20.00
5274	40.8847	117.7022	-298.2	401	TRNP	0	0	0	0	82	44.5	1461	31	77	117	2.484	0.658	0.265	3.8	20.00
5275	40.8853	117.7022	-300.7	435	TRNP	0	0	0	0	72	45.3	1686	28	89	141	3.179	0.631	0.199	3.8	20.00
5276	40.8859	117.7022	-299.4	484	TRNP	0	0	0	0	77	46.5	1767	49	57	99	1.163	0.576	0.495	3.8	20.00
5277	40.8865	117.7022	-298.3	504	TRNP	0	0	0	0	78	47.0	1770	41	45	170	1.098	0.265	0.241	3.8	20.00
5278	40.8871	117.7022	-298.6	565	TRNP	0	0	0	0	71	48.4	1696	31	109	92	3.516	1.185	0.337	3.9	20.00
5279	40.8877	117.7022	-297.8	590	TRNP	0	0	0	0	70	48.9	1747	39	139	84	3.564	1.655	0.464	4.0	20.00
5280	40.8883	117.7022	-296.8	596	TRMU	0	0	0	0	80	49.0	1591	43	66	69	1.535	0.957	0.623	4.0	20.00
5281	40.8889	117.7022	-297.6	568	TRMU	0	0	0	0	77	48.4	1516	26	104	74	4.000	1.405	0.351	4.1	20.00
5282	40.8895	117.7022	-297.1	522	TRMU	0	0	0	0	80	54.7	1424	21	49	92	2.333	0.533	0.228	4.1	20.00
5283	40.8901	117.7022	-297.4	493	TRMU	0	0	0	0	71	53.9	1405	50	41	47	0.820	0.872	1.064	4.2	20.00
5284	40.8907	117.7022	-296.5	487	TRMU	0	0	0	0	66	53.8	1331	27	67	90	2.481	0.744	0.300	4.2	20.00
5285	40.8913	117.7022	-296.9	479	TRMU	0	0	0	0	75	53.5	1498	32	33	81	1.031	0.407	0.395	4.2	20.00
5286	40.8919	117.7022	-296.5	471	TRMU	0	0	0	0	80	53.3	1349	43	26	79	0.605	0.329	0.544	4.2	20.00
5287	40.8925	117.7022	-295.1	472	TRMU	0	0	0	0	74	53.3	1427	24	64	112	2.667	0.571	0.214	4.2	20.00
5288	40.8931	117.7022	-294.1	477	TRMU	0	0	1	0	77	53.5	1462	40	24	102	0.600	0.235	0.392	4.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5289	40.8937	117.7022	-294.9	484	TRMU	0	0	0	0	77	53.7	1479	32	43	113	1.344	0.381	0.283	4.3	20.00
5290	40.8943	117.7022	-296.9	488	TRMU	0	0	0	0	79	53.8	1393	31	29	144	0.935	0.201	0.215	4.3	20.00
5291	40.8949	117.7022	-295.4	494	TRMU	0	0	0	0	67	54.0	1484	41	48	122	1.171	0.393	0.336	4.3	20.00
5292	40.8955	117.7022	-295.3	523	TRMU	0	0	0	0	78	54.7	1531	28	120	69	4.286	1.739	0.406	4.4	20.00
5293	40.8961	117.7022	-293.0	565	TRMU	0	0	0	0	73	55.8	1612	27	67	99	2.481	0.677	0.273	4.4	20.00
5294	40.8967	117.7022	-291.4	618	TRMU	0	0	0	0	79	57.1	1768	30	118	129	3.933	0.915	0.233	4.5	20.00
5295	40.8973	117.7022	-291.8	605	TRMU	0	0	0	0	75	56.8	1691	47	71	111	1.511	0.640	0.423	4.5	20.00
5296	40.8979	117.7022	-290.6	580	TRMU	0	0	0	0	81	56.2	1765	24	100	122	4.167	0.820	0.197	4.5	20.00
5297	40.8985	117.7022	-288.6	556	TRMU	0	0	0	0	70	55.6	1692	33	59	125	1.788	0.472	0.264	4.5	20.00
5298	40.8991	117.7022	-286.1	570	TRMU	0	0	0	0	72	55.9	1748	43	111	93	2.581	1.194	0.462	4.6	20.00
5299	40.8997	117.7022	-286.8	577	TRMU	0	0	0	0	78	56.1	1884	40	48	125	1.200	0.384	0.320	4.7	20.00
5300	40.9003	117.7022	-287.6	582	TRMU	0	0	0	0	73	56.2	2127	43	128	123	2.977	1.041	0.350	4.7	20.00
5301	40.9009	117.7022	-284.0	580	TRMU	0	0	0	0	74	68.8	2163	32	95	152	2.969	0.625	0.211	4.6	20.00
5302	40.9015	117.7021	-285.3	576	TRMU	0	0	0	0	70	68.7	1986	52	101	96	1.942	1.052	0.542	4.6	20.00
5303	40.9021	117.7022	-282.7	577	TRMU	0	0	0	0	68	68.7	2116	29	99	128	3.414	0.773	0.227	4.7	20.00
5304	40.9027	117.7022	-283.7	580	TRMU	0	0	0	0	75	68.8	2119	53	52	140	0.981	0.371	0.379	4.7	20.00
5305	40.9033	117.7021	-285.0	551	TRMU	0	0	0	0	75	67.9	2154	59	79	120	1.339	0.658	0.492	4.7	20.00
5306	40.9039	117.7022	-282.7	534	TRMU	0	0	0	0	66	67.4	2138	54	50	138	0.926	0.362	0.391	4.8	20.00
5307	40.9045	117.7022	-282.9	521	TRMU	0	0	0	0	69	67.0	2022	42	120	84	2.857	1.429	0.500	4.8	20.00
5308	40.9051	117.7021	-281.9	500	TRMU	0	0	0	0	84	66.3	1988	37	133	101	3.595	1.317	0.366	4.8	20.00
5309	40.9057	117.7021	-284.8	495	TRMU	0	0	0	0	69	66.1	2078	49	48	179	0.980	0.268	0.274	4.8	20.00
5310	40.9063	117.7022	-282.9	492	QG	0	0	0	0	66	66.0	2271	51	137	177	2.686	0.774	0.288	4.8	20.00
5311	40.9069	117.7022	-281.8	485	QG	0	0	0	0	67	65.8	2301	40	137	211	3.425	0.649	0.190	4.8	20.00
5312	40.9075	117.7021	-278.8	461	QG	0	0	0	0	64	65.0	2308	57	129	182	2.263	0.709	0.313	4.8	20.00
5313	40.9081	117.7021	-279.2	477	QG	0	0	0	0	60	65.5	2258	88	61	160	0.693	0.381	0.550	4.8	20.00
5314	40.9087	117.7021	-279.9	493	QG	0	0	0	0	72	66.0	2210	72	47	194	0.653	0.242	0.371	4.8	20.00
5315	40.9092	117.7022	-278.9	497	QG	0	0	0	0	70	66.2	2061	69	52	139	0.754	0.374	0.496	4.8	20.00
5316	40.9096	117.7022	-279.1	495	QG	0	0	0	0	66	66.1	2036	57	88	140	1.544	0.629	0.407	4.8	20.00
5317	40.9100	117.7022	-2[illegible].1	491	QG	0	0	0	0	67	66.0	2037	55	45	180	0.818	0.250	0.306	4.8	20.00
5318	40.9104	117.7022	-275.6	488	QG	0	0	0	0	74	65.9	1932	40	144	135	3.600	1.067	0.296	4.8	20.00
5319	40.9109	117.7022	-272.9	484	QG	0	0	0	0	77	65.8	2004	69	79	179	1.145	0.441	0.385	4.8	20.00
5320	40.9113	117.7022	-275.5	474	QQA1	0	0	0	0	66	66.0	2136	59	98	174	1.661	0.563	0.339	4.9	20.00
5321	40.9117	117.7022	-274.1	448	QQA1	0	0	0	0	65	65.1	2124	50	137	138	2.740	0.993	0.362	4.8	20.00
5322	40.9122	117.7022	-273.0	427	QQA1	0	0	0	0	74	64.4	2052	53	52	187	0.981	0.278	0.283	4.8	20.00
5323	40.9126	117.7022	-276.7	406	QQA1	0	0	0	0	69	63.6	2140	58	77	179	1.328	0.430	0.324	4.8	20.00
5324	40.9130	117.7022	-276.0	370	QQA1	0	0	0	0	65	62.2	1948	55	100	147	1.818	0.680	0.374	4.8	20.00
5325	40.9134	117.7022	-275.8	334	QQA1	0	0	0	0	68	60.8	1793	29	147	156	5.069	0.942	0.186	4.8	20.00
5326	40.9139	117.7022	-276.2	311	QQA1	0	0	0	0	67	59.9	1877	56	88	202	1.571	0.436	0.277	4.8	20.00
5327	40.9143	117.7022	-277.3	294	QQA1	0	0	0	0	76	59.2	1777	56	120	153	2.143	0.784	0.366	4.9	20.00
5328	40.9147	117.7022	-276.7	279	QQA1	0	0	0	0	75	58.6	1788	49	106	151	2.208	0.702	0.318	4.8	20.00
5329	40.9151	117.7022	-277.3	265	QQA1	0	0	0	0	74	58.0	1798	42	48	188	1.143	0.255	0.223	4.9	20.00
5330	40.9156	117.7022	-277.8	260	QG	0	0	0	0	74	57.8	1928	54	99	153	1.833	0.647	0.353	4.9	20.00
5331	40.9160	117.7022	-276.2	267	QG	0	0	0	0	74	58.0	1839	40	138	168	3.450	0.821	0.238	4.9	20.00
5332	40.9164	117.7022	-280.0	286	QG	0	0	0	0	65	58.9	1948	57	148	145	2.596	1.021	0.393	4.9	20.00
5333	40.9169	117.7022	-278.8	310	QG	0	0	0	0	70	59.9	1928	52	145	170	2.788	0.853	0.306	5.0	20.00
5334	40.9173	117.7022	-281.5	338	QG	0	0	0	0	61	61.0	2046	70	129	169	1.843	0.763	0.414	5.0	20.00
5335	40.9177	117.7022	-282.9	348	QG	0	0	0	0	78	61.4	1971	77	62	196	0.805	0.316	0.393	5.0	20.00
5336	40.9181	117.7022	-282.4	320	QG	0	0	1	0	75	60.3	1944	71	12	187	0.169	0.064	0.380	5.0	20.00
5337	40.9186	117.7023	-284.2	312	QG	0	0	0	0	73	59.9	2013	51	102	202	2.000	0.505	0.252	5.0	20.00
5338	40.9190	117.7023	-286.0	328	QG	0	0	0	0	63	60.6	1954	54	131	169	2.426	0.775	0.320	5.0	20.00
5339	40.9194	117.7023	-288.1	351	QG	0	0	0	0	68	66.5	2100	66	87	175	1.318	0.497	0.377	5.0	20.00
5340	40.9199	117.7023	-291.1	350	QG	0	0	0	0	68	66.4	2164	59	194	158	3.288	1.228	0.373	5.0	20.00
5341	40.9203	117.7023	-293.8	318	QG	0	0	0	0	77	65.0	2056	75	67	172	0.893	0.390	0.436	5.0	20.00
5342	40.9207	117.7023	-292.0	294	QG	0	0	0	0	71	64.0	2025	50	129	174	2.580	0.741	0.287	5.0	20.00

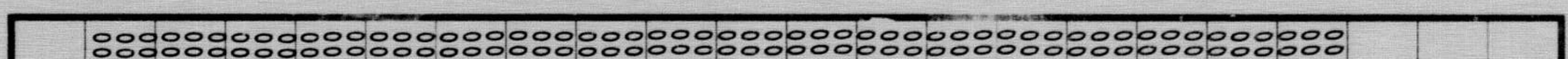
REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5343	40.9211	117.7023	-293.7	29;	QG	0	0	0	0	79	63.9	2086	62	150	150	2.419	1.000	0.413	5.0	20.00
5344	40.9216	117.7023	-293.4	298	QG	0	0	0	0	71	64.1	1990	58	140	184	2.414	0.761	0.315	5.0	20.00
5345	40.9220	117.7023	-292.5	315	QG	0	0	0	0	75	64.9	1982	67	172	113	2.567	1.522	0.593	4.9	20.00
5346	40.9224	117.7023	-290.9	358	QG	0	0	0	0	68	66.8	2185	76	203	121	2.671	1.678	0.628	5.0	20.00
5347	40.9228	117.7023	-289.1	416	QG	0	0	0	0	68	69.1	2315	76	137	210	1.803	0.652	0.362	5.0	20.00
5348	40.9233	117.7023	-287.7	432	QG	0	0	0	0	69	69.8	2374	96	38	253	0.396	0.150	0.379	5.0	20.00
5349	40.9237	117.7023	-287.3	390	QG	0	0	0	0	77	68.1	2306	72	128	185	1.778	0.692	0.389	5.0	20.00
5350	40.9241	117.7023	-286.9	346	QG	0	0	0	0	74	66.3	2131	69	90	201	1.304	0.448	0.343	4.9	20.00
5351	40.9246	117.7023	-285.5	329	QG	0	0	0	0	68	65.5	2145	71	211	103	2.972	2.049	0.689	4.9	20.00
5352	40.9250	117.7023	-283.3	327	QG	0	0	0	0	66	65.4	1997	56	158	141	2.821	1.121	0.397	5.0	20.00
5353	40.9254	117.7023	-281.7	329	QG	0	0	0	0	64	65.5	2025	73	103	158	1.411	0.652	0.462	5.0	20.00
5354	40.9258	117.7023	-281.1	337	QG	0	0	0	0	73	65.9	2016	65	87	185	1.338	0.470	0.351	5.0	20.00
5355	40.9263	117.7023	-280.0	351	QG	0	0	0	0	78	66.5	2027	49	129	183	2.633	0.705	0.268	5.0	20.00
5356	40.9267	117.7023	-277.6	367	QG	0	0	0	0	75	67.1	2115	67	78	198	1.164	0.394	0.338	5.0	20.00
5357	40.9271	117.7023	-278.9	390	QG	0	0	0	0	67	68.1	2147	52	166	180	3.192	0.922	0.289	5.0	20.00
5358	40.9276	117.7023	-279.6	429	QG	0	0	0	0	65	61.7	2251	66	151	188	2.288	0.803	0.351	5.0	20.00
5359	40.9280	117.7024	-280.7	439	QG	0	0	0	0	71	62.1	2163	67	82	177	1.224	0.463	0.379	4.9	20.00
5360	40.9284	117.7024	-280.3	428	QG	0	0	0	0	68	61.7	2140	62	106	145	1.710	0.731	0.428	4.9	20.00
5361	40.9288	117.7024	-277.9	415	QG	0	0	0	0	60	61.2	2015	50	102	201	2.040	0.507	0.249	4.9	20.00
5362	40.9293	117.7024	-278.3	393	QG	0	0	0	0	76	60.5	1927	60	97	175	1.617	0.554	0.343	4.9	20.00
5363	40.9297	117.7024	-274.0	368	QG	0	0	1	0	75	59.6	1920	69	3	195	0.043	0.015	0.354	4.9	20.00
5364	40.9301	117.7024	-271.5	359	QG	0	0	0	0	69	59.2	1877	43	139	143	3.233	0.972	0.301	4.9	20.00
5365	40.9305	117.7024	-272.5	362	QG	0	0	0	0	70	59.3	1955	56	95	179	1.696	0.531	0.313	4.8	20.00
5366	40.9310	117.7024	-273.8	379	QG	0	0	0	0	69	59.9	2066	67	148	155	2.209	0.955	0.432	4.8	20.00
5367	40.9314	117.7024	-273.3	404	QG	0	0	0	0	63	60.8	2063	42	116	158	2.762	0.734	0.266	4.8	20.00
5368	40.9318	117.7024	-273.6	428	QG	0	0	0	0	57	61.7	2139	62	125	150	2.016	0.833	0.413	4.8	20.00
5369	40.9323	117.7024	-274.8	428	QG	0	0	0	0	72	61.7	2026	57	56	225	0.982	0.249	0.253	4.8	20.00
5370	40.9327	117.7024	-271.7	383	QG	0	0	1	0	65	60.1	1950	71	8	219	0.113	0.037	0.324	4.8	20.00
5371	40.9331	117.7024	-270.0	343	QG	0	0	1	0	76	58.6	1854	68	15	192	0.221	0.078	0.354	4.9	20.00
5372	40.9335	117.7024	-268.4	323	QG	0	0	0	0	76	57.8	1847	58	123	127	2.121	0.969	0.457	4.9	20.00
5373	40.9340	117.7024	-268.3	327	QG	0	0	0	0	63	58.0	1825	52	96	160	1.846	0.600	0.325	5.0	20.00
5374	40.9344	117.7024	-269.6	350	QG	0	0	0	0	66	58.9	1987	55	149	135	2.709	1.104	0.407	5.0	20.00
5375	40.9348	117.7024	-267.9	372	QG	0	0	0	0	65	59.7	2000	69	120	165	1.739	0.727	0.418	5.0	20.00
5376	40.9353	117.7024	-269.7	398	QG	0	0	0	0	68	60.6	2041	59	130	174	2.203	0.747	0.339	5.0	20.00
5377	40.9357	117.7024	-268.9	404	QG	0	0	0	0	75	53.9	1984	35	136	160	3.886	0.850	0.219	5.0	20.00
5378	40.9361	117.7024	-266.6	402	QG	0	0	0	0	67	53.9	1980	57	101	192	1.772	0.526	0.297	5.0	20.00
5379	40.9365	117.7024	-263.7	419	QG	0	0	0	0	71	54.4	1965	58	91	134	1.569	0.679	0.433	5.0	20.00
5380	40.9370	117.7024	-263.4	460	QG	0	0	0	0	67	55.7	1941	49	103	173	2.102	0.595	0.283	5.0	20.00
5381	40.9374	117.7025	-261.1	483	QG	0	0	0	0	65	56.3	2049	66	118	156	1.788	0.756	0.423	5.0	20.00
5382	40.9378	117.7025	-261.7	473	QG	0	0	0	0	59	55.0	2021	47	120	171	2.553	0.702	0.275	5.0	20.00
5383	40.9382	117.7025	-260.8	429	QG	0	0	0	0	75	54.7	1990	48	96	184	2.000	0.522	0.261	5.1	20.00
5384	40.9387	117.7025	-257.9	385	QG	0	0	0	0	70	53.3	1757	48	80	151	1.667	0.530	0.318	5.1	20.00
5385	40.9391	117.7025	-258.3	368	QG	0	0	0	0	66	52.8	1771	37	133	132	3.595	1.008	0.280	5.1	20.00
5386	40.9395	117.7025	-255.1	384	QG	0	0	0	0	68	53.3	1887	53	84	173	1.585	0.486	0.306	5.1	20.00
5387	40.9400	117.7025	-257.0	432	QG	0	0	0	0	76	54.8	1967	55	84	157	1.527	0.535	0.350	5.2	20.00
5388	40.9404	117.7025	-256.6	473	QG	0	0	0	0	68	56.0	2017	54	127	176	2.352	0.722	0.307	5.2	20.00
5389	40.9408	117.7025	-254.3	467	QG	0	0	0	0	75	55.9	2111	53	153	150	2.887	1.020	0.353	5.3	20.00
5390	40.9412	117.7025	-252.7	452	QG	0	0	0	0	68	55.4	2018	70	131	170	1.871	0.771	0.412	5.3	20.00
5391	40.9417	117.7025	-252.9	451	QG	0	0	0	0	74	55.4	1956	66	116	115	1.758	1.009	0.574	5.4	20.00
5392	40.9421	117.7025	-251.8	465	QG	0	0	0	0	75	55.8	2088	53	85	205	1.604	0.415	0.259	5.4	20.00
5393	40.9425	117.7025	-254.9	482	QG	0	0	0	0	76	56.3	1968	38	98	158	2.579	0.620	0.241	5.4	20.00
5394	40.9430	117.7025	-251.3	486	QG	0	0	0	0	69	56.4	1793	42	78	139	1.857	0.561	0.302	5.4	20.00
5395	40.9434	117.7025	-250.9	480	QG	0	0	0	0	72	56.2	1719	38	76	135	2.000	0.563	0.281	5.4	20.00
5396	40.9438	117.7025	-248.0	468	QG	0	0	0	0	64	54.4	1705	30	124	143	4.133	0.867	0.210	5.4	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5397	40.9442	117.7025	-246.0	466	QG	0	0	0	0	70	54.4	1754	34	101	160	2.971	0.631	0.213	5.4	20.00
5398	40.9447	117.7025	-246.8	478	QG	0	0	0	0	77	54.7	1794	40	105	134	2.625	0.784	0.299	5.4	20.00
5399	40.9451	117.7025	-247.5	482	QG	0	0	0	0	72	54.8	1913	38	149	122	3.921	1.221	0.311	5.5	20.00
5400	40.9455	117.7025	-247.0	484	QQA1	0	0	0	0	61	54.9	1958	56	110	174	1.964	0.632	0.322	5.5	20.00
5401	40.9459	117.7025	-247.2	486	QQA1	0	0	0	0	70	54.9	1941	73	86	136	1.178	0.632	0.537	5.5	20.00
5402	40.9464	117.7025	-246.2	490	QQA1	0	0	0	0	65	55.0	2144	44	145	186	3.295	0.780	0.237	5.5	20.00
5403	40.9468	117.7026	-245.4	487	QQA1	0	0	0	0	73	54.9	1905	57	53	168	0.930	0.315	0.339	5.4	20.00
5404	40.9472	117.7026	-245.1	488	QQA1	0	0	0	0	67	55.0	1956	84	48	129	0.571	0.372	0.651	5.4	20.00
5405	40.9477	117.7026	-243.9	487	QQA1	0	0	0	0	64	54.9	1975	45	113	147	2.511	0.769	0.306	5.3	20.00
5406	40.9481	117.7026	-242.1	488	QQA1	0	0	0	0	82	55.0	1902	67	101	138	1.507	0.732	0.486	5.3	20.00
5407	40.9485	117.7026	-241.8	489	QQA1	0	0	0	0	78	55.0	1913	61	86	136	1.410	0.632	0.449	5.2	20.00
5408	40.9489	117.7026	-240.6	487	QQA1	0	0	0	0	62	54.9	1806	50	102	161	2.040	0.634	0.311	5.1	20.00
5409	40.9494	117.7026	-239.1	484	QQA1	0	0	0	0	71	54.9	1917	38	79	165	2.079	0.479	0.230	5.1	20.00
5410	40.9498	117.7026	-235.3	482	QQA1	0	0	0	0	76	54.8	1859	52	119	129	2.288	0.922	0.403	5.1	20.00
5411	40.9502	117.7026	-236.3	481	QQA1	0	0	0	0	71	54.8	2035	41	106	226	2.585	0.469	0.181	5.1	20.00
5412	40.9507	117.7026	-234.3	476	QQA1	0	0	0	0	77	54.6	1939	62	39	208	0.629	0.188	0.298	5.0	20.00
5413	40.9511	117.7026	-233.1	470	QQA1	0	0	0	0	71	54.5	1842	63	37	230	0.587	0.161	0.274	5.0	20.00
5414	40.9515	117.7026	-229.5	475	QQA1	0	0	0	0	72	54.6	1947	46	146	140	3.174	1.043	0.329	5.0	20.00
5415	40.9519	117.7026	-227.0	478	QQA1	0	0	0	0	62	60.7	2009	48	189	147	3.938	1.286	0.327	5.0	20.00
5416	40.9524	117.7026	-226.7	480	QQA1	0	0	0	0	64	60.8	2050	53	125	201	2.358	0.622	0.264	5.0	20.00
5417	40.9528	117.7026	-225.2	480	QQA1	0	0	0	0	66	60.8	1975	73	89	145	1.219	0.614	0.503	5.0	20.00
5418	40.9532	117.7026	-222.7	476	QQA1	0	0	0	0	66	60.6	2072	37	208	176	5.622	1.182	0.210	4.9	20.00
5419	40.9536	117.7026	-219.7	470	QQA1	0	0	0	0	61	60.4	1911	55	116	143	2.109	0.811	0.385	4.9	20.00
5420	40.9541	117.7026	-218.2	464	QQA1	0	0	0	0	56	60.2	2005	56	84	197	1.500	0.426	0.284	4.9	20.00
5421	40.9545	117.7026	-216.5	457	QQA1	0	0	0	0	66	60.0	2028	53	126	174	2.377	0.724	0.305	4.9	20.00
5422	40.9549	117.7026	-215.6	450	QQA1	0	0	0	0	78	59.8	2117	54	132	167	2.444	0.790	0.323	4.9	20.00
5423	40.9554	117.7026	-212.6	449	QQA1	0	0	0	0	67	59.7	2098	57	71	216	1.246	0.329	0.264	4.9	20.00
5424	40.9558	117.7026	-208.6	447	QQA1	0	0	0	0	65	59.7	2013	60	98	174	1.633	0.563	0.345	4.8	20.00
5425	40.9562	117.7027	-208.0	450	QQA1	0	0	0	0	73	59.8	2082	61	68	222	1.115	0.306	0.275	4.8	20.00
5426	40.9566	117.7027	-205.7	450	QQA1	0	0	0	0	67	59.8	2115	48	184	142	3.833	1.296	0.338	4.7	20.00
5427	40.9571	117.7027	-202.8	448	QQA1	0	0	0	0	62	59.7	1969	57	128	122	2.246	1.049	0.467	4.6	20.00
5428	40.9575	117.7027	-201.0	449	QQA1	0	0	0	0	59	59.8	2150	65	113	199	1.738	0.568	0.327	4.7	20.00
5429	40.9579	117.7027	-199.2	447	QQA1	0	0	0	0	68	59.7	2145	65	114	181	1.754	0.630	0.359	4.6	20.00
5430	40.9584	117.7027	-194.7	448	QQA1	0	0	0	0	60	59.7	2130	58	98	222	1.690	0.441	0.261	4.5	20.00
5431	40.9588	117.7027	-192.7	447	QQA1	0	0	0	0	59	59.7	2052	64	88	184	1.375	0.478	0.348	4.4	20.00
5432	40.9592	117.7027	-186.2	446	QQA1	0	0	0	0	65	59.7	2212	56	167	167	2.982	1.000	0.335	4.4	20.00
5433	40.9596	117.7027	-181.1	447	QQA1	0	0	0	0	59	59.7	2253	61	87	228	1.426	0.382	0.268	4.3	20.00
5434	40.9601	117.7027	-178.9	446	QQA1	0	0	0	0	61	65.4	2182	58	74	197	1.276	0.376	0.294	4.2	20.00
5435	40.9605	117.7027	-175.1	448	QQA1	0	0	0	0	61	65.5	2221	51	129	175	2.529	0.737	0.291	4.1	20.00
5436	40.9609	117.7027	-171.5	451	QQA1	0	0	0	0	73	65.6	2180	62	121	202	1.952	0.599	0.307	4.1	20.00
5437	40.9613	117.7027	-167.5	456	QQA1	0	0	0	0	72	65.7	2118	57	113	195	1.982	0.579	0.292	4.1	20.00
5438	40.9618	117.7027	-161.6	464	QQA1	0	0	0	0	58	66.0	2115	59	175	146	2.966	1.199	0.404	4.2	20.00
5439	40.9622	117.7027	-154.3	473	QQA1	0	0	0	0	70	66.4	2123	70	89	134	1.271	0.664	0.522	4.2	20.00
5440	40.9626	117.7027	-147.5	479	QQA1	0	0	0	0	68	66.5	2320	63	138	155	2.190	0.890	0.406	4.1	20.00
5441	40.9631	117.7027	-139.7	482	QQA1	0	0	0	0	65	66.7	2127	66	66	188	1.000	0.351	0.351	4.0	20.00
5442	40.9635	117.7027	-129.9	482	QQA1	0	0	0	0	65	66.7	2084	44	200	159	4.545	1.258	0.277	4.0	20.00
5443	40.9639	117.7027	-122.7	481	QQA1	0	0	0	0	65	66.6	2078	64	121	159	1.891	0.761	0.403	4.0	20.00
5444	40.9643	117.7027	-114.3	484	QQA1	0	0	0	0	61	66.7	2137	62	116	158	1.871	0.734	0.392	3.9	20.00
5445	40.9648	117.7027	-110.3	484	QQA1	0	0	0	0	62	66.7	2129	59	112	182	1.898	0.615	0.324	3.9	20.00
5446	40.9652	117.7027	-115.8	483	QQA1	0	0	0	0	64	66.7	2077	64	94	161	1.469	0.584	0.398	4.0	20.00
5447	40.9656	117.7028	-125.0	484	QQA1	0	0	1	0	71	66.7	2103	82	29	217	0.354	0.134	0.378	4.0	20.00
5448	40.9661	117.7028	-137.8	484	QQA1	0	0	0	0	62	66.7	2086	59	108	146	1.831	0.740	0.404	4.0	20.00
5449	40.9665	117.7028	-150.5	485	QQA1	0	0	0	0	75	66.8	1978	50	165	116	3.300	1.422	0.431	4.0	20.00
5450	40.9669	117.7028	-159.7	487	QQA1	0	0	0	0	58	66.8	2096	47	139	151	2.957	0.921	0.311	3.9	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5451	40.9673	117.7028	-167.7	488	QOA1	0	0	0	0	65	66.9	2051	58	100	171	1.724	0.585	0.339	3.9	20.00
5452	40.9678	117.7028	-171.4	491	QOA1	0	0	0	0	63	67.0	2049	63	133	112	2.111	1.188	0.563	3.9	20.00
5453	40.9682	117.7028	-172.8	491	QOA1	0	0	0	0	66	65.5	1984	57	133	157	2.333	0.847	0.363	4.0	20.00
5454	40.9686	117.7029	-173.3	493	QOA1	0	0	1	0	66	65.5	1892	60	-9	205	-0.150	-0.044	0.293	4.0	20.00
5455	40.9691	117.7029	-173.0	493	QOA1	0	0	0	0	67	65.5	1945	50	129	142	2.580	0.908	0.352	4.0	20.00
5456	40.9695	117.7029	-170.5	494	QOA1	0	0	0	0	56	65.6	1954	48	103	171	2.146	0.602	0.281	4.0	20.00
5457	40.9699	117.7029	-168.2	495	QOA1	0	0	0	0	74	65.6	1907	48	142	166	2.958	0.855	0.289	4.0	20.00
5458	40.9703	117.7029	-161.2	496	QOA1	0	0	0	0	69	65.6	1827	50	103	138	2.060	0.746	0.362	4.0	20.00
5459	40.9708	117.7030	-157.7	497	QOA1	0	0	0	0	59	65.6	1873	53	106	172	2.000	0.616	0.308	4.1	20.00
5460	40.9712	117.7030	-153.9	499	QOA1	0	0	0	0	66	65.7	1987	45	118	158	2.622	0.747	0.285	4.1	20.00
5461	40.9716	117.7030	-153.6	499	QOA1	0	0	0	0	64	65.7	1820	47	124	94	2.638	1.319	0.500	4.1	20.00
5462	40.9721	117.7030	-150.8	500	QOA1	0	0	0	0	62	65.8	1888	52	164	114	3.154	1.439	0.456	4.1	20.00
5463	40.9725	117.7030	-148.5	499	QOA1	0	0	0	0	69	65.7	1875	37	115	133	3.108	0.865	0.278	4.1	20.00
5464	40.9729	117.7031	-147.7	503	QOA1	0	0	0	0	71	65.9	1963	55	98	137	1.782	0.715	0.401	4.1	20.00
5465	40.9733	117.7031	-143.7	500	QOA1	0	0	0	0	66	65.8	1824	73	47	149	0.644	0.315	0.490	4.1	20.00
5466	40.9738	117.7031	-144.0	500	QOA1	0	0	0	0	75	65.8	1793	41	194	96	4.732	2.021	0.427	4.2	20.00
5467	40.9742	117.7031	-143.2	499	QOA1	0	0	0	0	63	65.7	1767	51	65	154	1.275	0.422	0.331	4.2	20.00
5468	40.9746	117.7031	-142.4	500	QOA1	0	0	0	0	55	65.7	1881	55	113	113	2.055	1.000	0.487	4.2	20.00
5469	40.9751	117.7032	-138.2	499	QOA1	0	0	0	0	70	65.7	1793	44	106	145	2.409	0.731	0.303	4.2	20.00
5470	40.9755	117.7032	-137.1	506	QOA1	0	0	0	0	73	66.0	1898	42	164	95	3.905	1.726	0.442	4.3	20.00
5471	40.9759	117.7032	-137.3	500	QOA1	0	0	0	0	67	65.8	1917	56	99	154	1.768	0.643	0.364	4.2	20.00
5472	40.9764	117.7032	-136.6	499	QOA1	0	0	0	0	58	67.0	1858	53	117	104	2.208	1.125	0.510	4.2	20.00
5473	40.9768	117.7033	-135.1	495	QOA1	0	0	0	0	67	66.9	1849	61	70	143	1.148	0.490	0.427	4.2	20.00
5474	40.9772	117.7033	-135.1	494	QOA1	0	0	0	0	60	66.9	1862	48	73	158	1.521	0.462	0.304	4.2	20.00
5475	40.9776	117.7033	-134.1	492	QOA1	0	0	0	0	52	66.8	1909	48	127	119	2.646	1.067	0.403	4.2	20.00
5476	40.9781	117.7033	-130.8	490	QOA1	0	0	0	0	71	66.7	1898	44	77	181	1.750	0.425	0.243	4.2	20.00
5477	40.9785	117.7033	-129.0	489	QOA1	0	0	0	0	67	66.7	1810	46	90	123	1.957	0.732	0.374	4.2	20.00
5478	40.9789	117.7034	-127.3	490	QOA1	0	0	0	0	65	66.7	2024	59	73	180	1.237	0.406	0.328	4.3	20.00
5479	40.9794	117.7034	-126.3	487	QOA1	0	0	0	0	58	66.6	1968	52	35	199	0.673	0.176	0.261	4.3	20.00
5480	40.9798	117.7034	-125.5	488	QOA1	0	0	0	0	63	66.6	1959	56	107	178	1.911	0.601	0.315	4.3	20.00
5481	40.9802	117.7034	-126.0	487	QOA1	0	0	0	0	64	66.6	1973	72	84	133	1.167	0.632	0.541	4.4	20.00
5482	40.9806	117.7034	-126.2	487	QOA1	0	0	0	0	60	66.6	2038	57	176	104	3.088	1.692	0.548	4.4	20.00
5483	40.9811	117.7035	-127.2	485	QOA1	0	0	0	0	65	66.6	2041	54	106	172	1.963	0.616	0.314	4.5	20.00
5484	40.9815	117.7035	-126.2	486	QOA1	0	0	0	0	58	66.6	2026	69	89	193	1.290	0.461	0.358	4.5	20.00
5485	40.9819	117.7035	-129.6	485	QOA1	0	0	0	0	60	66.5	2006	60	106	181	1.767	0.586	0.331	4.6	20.00
5486	40.9824	117.7035	-131.7	482	QOA1	0	0	0	0	55	66.5	2286	62	164	165	2.645	0.994	0.376	4.6	20.00
5487	40.9828	117.7035	-133.9	482	QOA1	0	0	0	0	64	66.5	2369	76	62	175	0.816	0.354	0.434	4.6	20.00
5488	40.9832	117.7036	-136.3	483	QOA1	0	0	0	0	61	66.5	2308	74	102	124	1.378	0.823	0.597	4.5	20.00
5489	40.9837	117.7036	-137.3	482	QOA1	0	0	0	0	64	66.5	2099	85	56	180	0.659	0.311	0.472	4.5	20.00
5490	40.9841	117.7036	-142.3	483	QOA1	0	0	0	0	65	66.5	2109	51	144	167	2.824	0.862	0.305	4.5	20.00
5491	40.9845	117.7036	-144.5	483	QOA1	0	0	0	0	70	69.8	2046	43	143	174	3.326	0.822	0.247	4.6	20.00
5492	40.9849	117.7037	-146.3	482	QOA1	0	0	0	0	67	69.7	1990	52	79	156	1.519	0.506	0.333	4.7	20.00
5493	40.9855	117.7037	-148.6	480	QOA1	0	0	0	0	72	69.7	2213	51	102	189	2.000	0.540	0.270	4.7	20.00
5494	40.9860	117.7037	-146.3	478	QOA1	0	0	0	0	63	69.6	2069	42	165	168	3.929	0.982	0.250	4.7	20.00
5495	40.9865	117.7037	-147.9	477	QOA1	0	0	0	0	66	69.6	2024	53	135	120	2.547	1.125	0.442	4.7	20.00
5496	40.9871	117.7037	-150.7	479	QOA1	0	0	1	0	63	69.6	2089	60	13	250	0.217	0.052	0.240	4.7	20.00
5497	40.9876	117.7037	-152.5	473	QOA1	0	0	0	0	58	69.4	1958	56	67	210	1.196	0.319	0.267	4.5	20.00
5498	40.9881	117.7037	-153.3	467	QOA1	0	0	0	0	64	69.2	1961	61	87	146	1.426	0.596	0.418	4.5	20.00
5499	40.9886	117.7037	-160.2	459	QOA1	0	0	0	0	73	68.9	1950	66	69	167	1.045	0.413	0.395	4.5	20.00
5500	40.9892	117.7037	-162.5	453	QOA1	0	0	0	0	70	68.7	1927	41	57	173	1.390	0.329	0.237	4.5	20.00
5501	40.9897	117.7037	-164.8	447	QOA1	0	0	0	0	69	68.5	1967	50	85	212	1.700	0.401	0.236	4.5	20.00
5502	40.9902	117.7037	-166.6	447	QOA1	0	0	0	0	60	68.5	2073	45	136	184	3.022	0.739	0.245	4.6	20.00
5503	40.9908	117.7037	-167.4	447	QOA1	0	0	0	0	72	68.5	1992	59	47	216	0.797	0.218	0.273	4.5	20.00
5504	40.9913	117.7037	-169.9	446	QOA1	0	0	0	0	62	68.4	1959	42	112	211	2.667	0.531	0.199	4.5	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5505	40.9918	117.7037	-171.5	443	QOA1	0	0	0	0	57	68.3	1974	56	42	207	0.750	0.203	0.271	4.6	20.00
5506	40.9923	117.7037	-175.8	443	QOA1	0	0	0	0	64	68.3	1922	49	154	115	3.143	1.339	0.426	4.6	20.00
5507	40.9929	117.7037	-178.3	445	QOA1	0	0	0	0	59	68.4	1986	56	104	182	1.857	0.571	0.308	4.6	20.00
5508	40.9934	117.7037	-181.9	443	QOA1	0	0	0	0	67	68.3	1985	56	68	207	1.214	0.329	0.271	4.6	20.00
5509	40.9939	117.7037	-183.9	442	QOA1	0	0	0	0	58	68.3	2063	67	92	158	1.373	0.582	0.424	4.7	20.00
5510	40.9945	117.7038	-184.2	439	QOA1	0	0	0	0	70	64.1	2068	67	114	150	1.701	0.760	0.447	4.6	20.00
5511	40.9950	117.7038	-185.5	438	QOA1	0	0	0	0	63	64.0	1989	66	125	132	1.894	0.947	0.500	4.7	20.00
5512	40.9955	117.7038	-180.3	436	QOA1	0	0	0	0	62	64.0	2021	53	126	203	2.377	0.621	0.261	4.8	20.00
5513	40.9960	117.7038	-176.9	430	QOA1	0	0	0	0	52	63.7	2043	61	116	151	1.902	0.768	0.404	4.8	20.00
5514	40.9966	117.7038	-172.7	433	QOA1	0	0	0	0	63	63.9	2082	62	84	200	1.355	0.420	0.310	4.8	20.00
5515	40.9971	117.7038	-171.2	432	QOA1	0	0	0	0	64	63.8	2118	52	136	202	2.615	0.673	0.257	4.8	20.00
5516	40.9976	117.7038	-166.2	433	QOA1	0	0	0	0	56	63.8	2069	67	94	223	1.403	0.422	0.300	4.8	20.00
5517	40.9982	117.7038	-164.7	437	QOA1	0	0	0	0	64	64.0	2073	75	55	165	0.733	0.333	0.455	4.8	20.00
5518	40.9987	117.7038	-161.0	441	QOA1	0	0	0	0	63	64.1	2060	56	164	139	2.929	1.180	0.403	4.8	20.00
5519	40.9992	117.7038	-157.2	448	QOA1	0	0	0	0	62	64.4	2063	41	152	176	3.707	0.864	0.233	4.9	20.00
5520	40.9998	117.7038	-154.7	454	QOA1	0	0	0	0	66	64.6	2147	62	77	219	1.242	0.352	0.283	4.9	20.00
5521	41.0003	117.7038	-153.2	452	QOA1	0	0	0	0	69	64.5	2054	44	90	238	2.045	0.378	0.185	4.9	20.00
5522	41.0008	117.7038	-150.3	450	QOA1	0	0	0	0	61	64.5	2039	44	121	173	2.750	0.699	0.254	4.9	20.00
5523	41.0013	117.7038	-147.6	448	QOA1	0	0	0	0	73	64.4	1978	75	62	149	0.827	0.416	0.503	4.8	20.00
5524	41.0019	117.7038	-143.6	448	QOA1	0	0	0	0	58	64.4	2059	61	99	174	1.623	0.569	0.351	4.9	20.00
5525	41.0024	117.7038	-141.9	449	QOA1	0	0	0	0	66	64.4	1938	66	94	197	1.424	0.477	0.335	4.8	20.00
5526	41.0028	117.7038	-137.4	446	QOA1	0	0	0	0	61	64.3	2054	66	90	176	1.364	0.511	0.375	4.8	20.00
5527	41.0032	117.7038	-139.4	440	QOA1	0	0	0	0	69	64.1	1949	40	119	193	2.975	0.617	0.207	4.8	20.00
5528	41.0036	117.7038	-138.6	440	QOA1	0	0	0	0	57	64.1	2040	63	56	228	0.889	0.246	0.276	4.8	20.00
5529	41.0040	117.7038	-137.6	438	QOA1	0	0	0	0	62	63.6	2082	42	177	137	4.214	1.292	0.307	4.8	20.00
5530	41.0045	117.7038	-139.1	441	NA	0	0	0	0	64	63.7	1967	61	41	198	0.672	0.207	0.308	4.8	20.00
5531	41.0049	117.7038	-138.7	449	NA	0	0	0	0	63	64.0	2078	50	166	191	3.320	0.869	0.262	4.8	20.00
5532	41.0053	117.7038	-136.4	450	NA	0	0	0	0	69	64.0	2033	44	89	209	2.023	0.426	0.211	4.8	20.00
5533	41.0057	117.7038	-134.4	449	NA	0	0	0	0	62	64.0	1922	40	190	138	4.750	1.377	0.290	4.9	20.00
5534	41.0061	117.7038	-133.1	448	NA	0	0	0	0	60	63.9	2029	71	35	218	0.493	0.161	0.326	4.8	20.00
5535	41.0065	117.7038	-131.6	447	NA	0	0	0	0	66	63.9	1983	45	144	151	3.200	0.954	0.298	4.8	20.00
5536	41.0069	117.7038	-131.5	456	NA	0	0	0	0	60	64.2	1978	62	84	169	1.355	0.497	0.367	4.8	20.00
5537	41.0073	117.7038	-132.6	467	NA	0	0	0	0	66	64.6	1969	53	62	212	1.170	0.292	0.250	4.8	20.00
5538	41.0077	117.7038	-135.5	476	NA	0	0	0	0	60	64.9	1978	47	93	191	1.979	0.487	0.246	4.9	20.00
5539	41.0082	117.7037	-141.5	481	NA	0	0	0	0	56	65.0	1928	49	114	152	2.327	0.750	0.322	4.9	20.00
5540	41.0086	117.7037	-149.0	482	NA	0	0	0	0	59	65.1	1948	43	159	139	3.698	1.144	0.309	4.9	20.00
5541	41.0090	117.7037	-153.1	485	NA	0	0	0	0	69	65.2	1888	28	92	138	3.286	0.667	0.203	11.3	20.00
5542	41.0094	117.7037	-154.9	484	NA	0	0	0	0	74	65.1	1828	41	69	133	1.683	0.519	0.308	9.2	20.00
5543	41.0098	117.7037	-161.4	483	NA	0	0	0	0	68	65.1	1808	47	35	161	0.745	0.217	0.292	7.5	20.00
5544	41.0102	117.7037	-166.8	483	NA	0	0	0	0	66	65.1	1754	59	67	158	1.340	0.424	0.316	4.8	20.00
5545	41.0106	117.7037	-171.5	483	NA	0	0	0	0	61	65.1	1748	57	64	109	1.123	0.587	0.523	1.0	20.00
5546	41.0110	117.7037	-175.3	481	NA	0	0	1	0	70	65.1	1655	47	13	166	0.277	0.078	0.283	0.1	20.00
5547	41.0115	117.7037	-183.5	480	NA	0	0	0	0	57	65.0	1719	37	127	112	3.432	1.134	0.330	2.4	20.00
5548	41.0119	117.7037	-183.5	476	NA	0	0	0	0	67	56.5	1560	30	107	127	3.567	0.843	0.236	2.8	20.00
5549	41.0123	117.7037	-189.0	475	NA	0	0	0	0	61	56.4	1591	35	60	160	1.714	0.375	0.219	4.7	20.00
5550	41.0127	117.7037	-195.7	476	NA	0	0	0	0	61	56.5	1526	41	71	110	1.732	0.645	0.373	3.6	20.00
5551	41.0131	117.7037	-201.2	474	NA	0	0	0	0	64	56.4	1625	47	49	131	1.043	0.374	0.359	1.7	20.00
5552	41.0135	117.7037	-210.2	475	NA	0	0	0	0	64	56.4	1607	29	96	96	3.310	1.000	0.302	7.8	20.00
5553	41.0139	117.7037	-223.5	469	NA	0	0	0	0	63	56.3	1698	24	129	107	5.375	1.206	0.224	4.3	20.00
5554	41.0143	117.7037	-228.7	470	NA	0	0	0	0	62	56.3	1591	33	59	135	1.788	0.437	0.244	4.4	20.00
5555	41.0147	117.7036	-233.1	471	NA	0	0	0	0	60	56.3	1608	31	93	107	3.000	0.869	0.290	8.2	20.00
5556	41.0152	117.7036	-236.4	467	NA	0	0	0	0	65	56.2	1657	31	78	134	2.516	0.582	0.231	7.3	20.00
5557	41.0156	117.7036	-239.1	464	NA	0	0	0	0	63	56.1	1491	44	42	118	0.955	0.356	0.373	2.5	20.00
5558	41.0160	117.7036	-238.4	464	NA	0	0	0	0	58	56.1	1556	25	90	123	3.600	0.732	0.203	3.2	20.00

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5559	41.0164	117.7036	-234.8	467	NA	0	0	1	0	56	56.2	1573	45	25	133	0.556	0.188	0.338	9.2	20.00
5560	41.0168	117.7036	-230.3	468	NA	0	0	0	0	60	56.3	1501	25	93	118	3.720	0.788	0.212	3.6	20.00
5561	41.0172	117.7036	-223.0	472	NA	0	0	0	0	66	56.4	1562	33	29	135	0.879	0.215	0.244	9.2	20.00
5562	41.0176	117.7036	-215.4	472	NA	0	0	1	0	62	56.4	1575	40	23	140	0.575	0.164	0.286	9.7	20.00
5563	41.0180	117.7036	-207.9	469	NA	0	0	0	0	64	56.3	1505	26	49	129	1.885	0.380	0.202	7.7	20.00
5564	41.0185	117.7036	-202.2	467	NA	0	0	1	0	68	56.2	1558	47	11	121	0.234	0.091	0.388	3.5	20.00
5565	41.0189	117.7036	-197.6	469	NA	0	0	0	0	65	56.3	1530	21	85	131	4.048	0.649	0.160	5.8	20.00
5566	41.0193	117.7036	-199.3	474	NA	0	0	0	0	53	56.4	1511	24	73	110	3.042	0.664	0.218	2.2	20.00
5567	41.0197	117.7036	-203.0	478	NA	0	0	0	0	66	56.5	1635	47	97	57	2.064	1.702	0.825	4.3	20.00
5568	41.0201	117.7036	-209.4	483	NA	0	0	0	0	66	56.7	1635	47	60	120	1.277	0.500	0.392	8.6	20.00
5569	41.0205	117.7036	-218.9	484	NA	0	0	0	0	54	56.7	1655	35	103	122	2.943	0.844	0.287	7.1	20.00
5570	41.0209	117.7036	-227.4	484	NA	0	0	0	0	63	56.7	1688	45	108	130	2.400	0.831	0.346	1.6	20.00
5571	41.0213	117.7035	-240.1	485	NA	0	0	0	0	70	56.7	1713	39	101	99	2.590	1.020	0.394	7.6	20.00
5572	41.0217	117.7035	-252.6	484	NA	0	0	0	0	66	56.7	1647	41	94	88	2.293	1.068	0.466	4.1	20.00
5573	41.0222	117.7035	-268.5	484	NA	0	0	0	0	68	56.7	1691	42	93	115	2.214	0.809	0.365	-0.2	20.00
5574	41.0226	117.7035	-282.7	488	NA	0	0	0	0	53	56.8	1726	41	62	149	1.512	0.416	0.275	6.4	20.00
5575	41.0230	117.7035	-298.7	488	NA	0	0	0	0	66	56.8	1664	42	75	133	1.786	0.564	0.316	3.4	20.00
5576	41.0234	117.7035	-310.4	488	NA	0	0	0	0	63	56.8	1638	49	59	124	1.204	0.476	0.395	2.1	20.00
5577	41.0238	117.7035	-321.6	489	NA	0	0	0	0	64	56.9	1574	35	82	119	2.343	0.689	0.294	2.3	20.00
5578	41.0242	117.7035	-328.9	490	NA	0	0	0	0	59	56.9	1591	38	129	104	3.395	1.240	0.365	3.1	20.00
5579	41.0246	117.7035	-333.1	489	NA	0	0	0	0	66	56.9	1615	51	72	104	1.412	0.692	0.490	1.8	20.00
5580	41.0250	117.7035	-335.8	490	NA	0	0	0	0	65	56.9	1701	56	75	118	1.339	0.636	0.475	3.6	20.00
5581	41.0255	117.7035	-336.0	490	NA	0	0	0	0	61	56.9	1668	42	112	96	2.667	1.167	0.438	5.7	20.00
5582	41.0259	117.7035	-337.7	491	NA	0	0	0	0	62	56.9	1688	31	105	130	3.387	0.808	0.238	5.2	20.00
5583	41.0263	117.7035	-339.2	490	NA	0	0	0	0	59	56.9	1704	39	59	134	1.513	0.440	0.291	7.9	20.00
5584	41.0267	117.7035	-345.4	490	NA	0	0	0	0	69	56.9	1710	32	145	92	4.531	1.576	0.348	2.9	20.00
5585	41.0271	117.7035	-351.6	491	NA	0	0	1	0	60	56.9	1655	55	-19	184	-0.345	-0.103	0.299	2.1	20.00
5586	41.0275	117.7035	-358.3	493	NA	0	0	1	0	62	57.0	1573	41	17	136	0.415	0.125	0.301	4.5	20.00
5587	41.0279	117.7034	-366.6	494	NA	0	0	0	0	55	57.0	1707	36	66	151	1.833	0.437	0.238	6.0	20.00
5588	41.0283	117.7034	-371.8	496	NA	0	0	0	0	56	57.1	1752	55	108	91	1.964	1.187	0.604	8.2	20.00
5589	41.0288	117.7034	-380.0	496	NA	0	0	0	0	67	57.0	1572	37	83	104	2.243	0.798	0.356	5.1	20.00
5590	41.0292	117.7034	-382.5	498	NA	0	0	0	0	65	57.1	1648	43	95	80	2.209	1.188	0.538	6.7	20.00



1 GEODATA INT. INC. SINGLE REC LISTING WINNEMUCCA TIE LINE 3

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
8482	41.0108	117.4657	-195.9	786	NA	1	0	0	0	67	35.1	2467	58	118	161	2.034	0.733	0.360	10.5	24.41
8482	41.0108	117.4657	-199.5	374	NA	0	0	0	0	86	31.7	2611	76	110	268	1.447	0.410	0.284	10.6	24.65
8483	41.0108	117.4657	-203.6	372	NA	0	0	0	0	71	31.6	2738	74	166	233	2.243	0.712	0.318	10.6	24.65
8484	41.0103	117.4657	-210.0	372	NA	0	0	0	0	72	31.6	2829	61	165	217	2.705	0.760	0.281	10.5	24.65
8485	41.0098	117.4657	-204.0	377	NA	0	0	0	0	64	31.7	2731	88	104	238	1.182	0.437	0.370	10.5	24.65
8486	41.0092	117.4657	-176.4	377	NA	0	0	0	0	78	31.7	2947	80	109	269	1.362	0.405	0.297	10.5	24.65
8487	41.0087	117.4657	-162.6	385	NA	0	0	0	0	72	31.8	2908	66	229	212	3.470	1.080	0.311	10.6	24.65
8488	41.0082	117.4657	-153.8	380	NA	0	0	0	0	76	31.7	2761	63	186	237	2.952	0.785	0.266	10.6	24.65
8489	41.0077	117.4657	-148.8	386	NA	0	0	0	0	69	31.8	2686	59	150	250	2.542	0.600	0.236	10.6	24.65
8490	41.0072	117.4657	-144.8	387	NA	0	0	0	0	81	31.8	2846	54	161	238	2.981	0.676	0.227	10.6	24.64
8491	41.0067	117.4657	-145.7	391	NA	0	0	0	0	77	31.8	2673	66	192	194	2.909	0.990	0.340	10.7	24.64
8492	41.0062	117.4657	-151.9	395	NA	0	0	0	0	80	31.9	2643	67	121	255	1.806	0.475	0.263	10.7	24.64
8493	41.0056	117.4657	-159.8	404	NA	0	0	0	0	78	32.0	2613	74	110	211	1.486	0.521	0.351	10.7	24.64
8494	41.0051	117.4657	-177.0	400	NA	0	0	0	0	82	31.9	2475	40	183	226	4.575	0.810	0.177	10.7	24.63
8495	41.0046	117.4657	-199.3	393	NA	0	0	0	0	83	31.8	2490	74	161	176	2.176	0.915	0.420	10.7	24.64
8496	41.0041	117.4657	-223.8	387	NA	0	0	0	0	84	31.8	2604	70	96	250	1.371	0.384	0.280	10.7	24.64
8497	41.0036	117.4658	-243.1	385	NA	0	0	0	0	80	31.8	2572	53	175	234	3.302	0.748	0.226	10.7	24.64
8498	41.0031	117.4658	-251.7	401	NA	0	0	0	0	71	31.9	2823	69	140	231	2.029	0.606	0.299	10.7	24.64
8499	41.0026	117.4658	-254.3	384	NA	0	0	0	0	87	31.8	2614	74	112	257	1.514	0.436	0.288	10.8	24.63
8500	41.0021	117.4658	-245.3	382	NA	0	0	0	0	78	31.7	2522	60	129	283	2.150	0.456	0.212	10.8	24.63
8501	41.0015	117.4658	-225.2	385	NA	0	0	0	0	82	31.8	2566	70	118	239	1.686	0.494	0.293	10.8	24.63
8502	41.0010	117.4658	-193.7	387	NA	0	0	0	0	75	31.8	2630	59	159	209	2.695	0.761	0.282	10.8	24.63
8503	41.0005	117.4658	-162.2	386	NA	0	0	0	0	87	31.8	2598	48	167	237	3.479	0.705	0.203	10.8	24.63
8504	41.0000	117.4658	-142.4	386	NA	0	0	0	0	84	31.8	2650	68	69	282	1.015	0.245	0.241	10.8	24.64
8505	40.9995	117.4658	-127.9	384	NA	0	0	0	0	82	31.8	2594	57	152	216	2.667	0.704	0.264	10.8	24.64
8506	40.9990	117.4658	-119.5	390	NA	0	0	0	0	85	31.8	2602	50	197	194	3.940	1.015	0.258	10.8	24.65
8507	40.9985	117.4658	-117.1	381	NA	0	0	0	0	72	31.7	2564	78	41	268	0.526	0.153	0.291	10.7	24.65
8508	40.9979	117.4658	-120.5	384	NA	0	0	0	0	82	31.8	2677	63	120	264	1.905	0.455	0.239	10.7	24.65
8509	40.9974	117.4658	-127.6	373	NA	0	0	0	0	78	31.6	2649	58	192	206	3.310	0.932	0.282	10.7	24.65
8510	40.9969	117.4658	-139.3	370	QOA1	0	0	0	0	86	31.6	2617	85	79	217	0.929	0.364	0.392	10.6	24.65
8511	40.9964	117.4658	-187.3	366	QOA1	0	0	0	0	70	31.6	2619	66	139	230	2.106	0.604	0.287	10.6	24.65
8512	40.9959	117.4658	-202.8	366	QOA1	0	0	0	0	82	31.6	2636	71	123	253	1.732	0.486	0.281	10.6	24.65
8513	40.9954	117.4658	-207.0	370	QOA1	0	0	0	0	80	31.6	2700	64	201	204	3.141	0.985	0.314	10.5	24.65
8514	40.9949	117.4658	-206.9	376	QOA1	0	0	0	0	75	31.7	2689	51	126	283	2.471	0.445	0.180	10.5	24.65
8515	40.9944	117.4658	-204.4	376	TBA	0	0	0	0	75	31.7	2715	74	88	255	1.189	0.345	0.290	10.4	24.65
8516	40.9938	117.4659	-205.2	371	TBA	0	0	0	0	82	31.6	2666	52	210	220	4.038	0.955	0.236	10.4	24.65
8517	40.9933	117.4659	-204.7	368	TBA	0	0	0	0	84	32.2	2828	61	155	246	2.541	0.630	0.248	10.4	24.65
8518	40.9928	117.4659	-204.6	366	TBA	0	0	0	0	77	32.2	2984	70	220	230	3.143	0.957	0.304	10.4	24.65
8519	40.9923	117.4659	-205.1	367	TBA	0	0	0	0	85	32.2	2912	73	112	275	1.534	0.407	0.265	10.4	24.65
8520	40.9918	117.4659	-207.7	358	TBA	0	0	0	0	77	32.1	2614	61	166	211	2.721	0.787	0.289	10.4	24.64
8521	40.9913	117.4659	-213.6	364	TBA	0	0	0	0	84	32.2	2897	57	134	290	2.351	0.462	0.197	10.3	24.64
8522	40.9908	117.4659	-214.3	363	TBA	0	0	0	0	86	32.1	2580	67	93	257	1.388	0.362	0.261	10.3	24.64
8523	40.9902	117.4659	-197.2	371	TBA	0	0	0	0	69	32.2	2634	71	164	198	2.310	0.828	0.359	10.3	24.63
8524	40.9897	117.4659	-179.4	378	TBA	0	0	0	0	85	32.3	2575	59	163	252	2.763	0.647	0.234	10.3	24.63
8525	40.9892	117.4659	-197.0	392	QOA1	0	0	0	0	71	32.5	2669	67	144	270	2.149	0.533	0.248	10.3	24.62
8526	40.9887	117.4659	-210.8	407	QOA1	0	0	0	0	73	32.6	2691	93	95	261	1.022	0.364	0.356	10.3	24.62
8527	40.9882	117.4659	-206.7	423	QOA1	0	0	0	0	76	32.8	2777	81	235	180	2.901	1.306	0.450	10.3	24.61
8528	40.9877	117.4659	-176.6	398	QOA1	0	0	0	0	76	32.5	2691	69	140	248	2.029	0.565	0.278	10.2	24.61
8529	40.9872	117.4659	-115.0	380	QOA1	0	0	0	0	75	32.3	2739	72	180	255	2.500	0.706	0.282	10.2	24.60
8530	40.9866	117.4659	-48.4	352	QOA1	0	0	0	0	77	32.0	2575	59	193	237	3.271	0.814	0.249	10.2	24.60
8531	40.9861	117.4659	-16.4	353	QOA1	0	0	0	0	71	32.0	2712	50	186	287	3.720	0.648	0.174	10.2	24.60
8532	40.9856	117.4659	-71.4	388	QOA1	0	0	0	0	75	32.4	2754	79	175	269	2.215	0.651	0.294	10.2	24.60
8533	40.9851	117.4659	-147.3	418	QOA1	0	0	0	0	84	32.7	2619	73	178	222	2.438	0.802	0.329	10.1	24.60
8534	40.9846	117.4659	-190.0	427	QOA1	0	0	0	0	76	32.8	2660	81	148	264	1.827	0.561	0.307	10.1	24.59

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
8535	40.9841	117.4659	-216.2	420	QOA1	0	0	0	0	71	32.7	2776	80	169	232	2.113	0.728	0.345	10.1	24.59
8536	40.9836	117.4660	-240.0	413	QOA1	0	0	0	0	80	21.9	2810	67	196	246	2.925	0.797	0.272	10.1	24.58
8537	40.9831	117.4660	-232.1	403	QOA1	0	0	0	0	78	21.9	2770	75	198	176	2.640	1.125	0.426	10.1	24.58
8538	40.9825	117.4660	-208.0	409	QOA1	0	0	0	0	78	21.9	2675	68	227	173	3.338	1.312	0.393	10.0	24.58
8539	40.9820	117.4660	-165.5	399	QOA1	0	0	0	0	79	21.8	2776	78	186	218	2.385	0.853	0.358	10.0	24.58
8540	40.9815	117.4660	-117.5	378	QOA1	0	0	0	0	79	21.8	2774	80	153	203	1.912	0.754	0.394	10.0	24.58
8541	40.9810	117.4660	-88.7	379	QOA1	0	0	0	0	72	21.8	2796	70	129	259	1.843	0.498	0.270	9.9	24.58
8542	40.9805	117.4660	-103.5	393	QOA1	0	0	0	0	89	21.8	2742	60	248	212	4.133	1.170	0.283	9.9	24.58
8543	40.9800	117.4660	-140.3	391	QOA1	0	0	0	0	67	21.8	2567	85	167	238	1.965	0.702	0.357	9.8	24.57
8544	40.9795	117.4660	-184.2	398	QOA1	0	0	0	0	69	21.8	2696	81	195	207	2.407	0.942	0.391	9.9	24.57
8545	40.9789	117.4660	-218.6	402	QOA1	0	0	0	0	79	21.9	2539	59	175	247	2.966	0.709	0.239	9.8	24.56
8546	40.9784	117.4660	-238.0	413	QOA1	0	0	0	0	80	21.9	2618	69	223	188	3.232	1.186	0.367	9.8	24.56
8547	40.9779	117.4660	-256.6	430	QOA1	0	0	0	0	79	22.0	2741	56	243	227	4.339	1.070	0.247	9.8	24.55
8548	40.9774	117.4660	-275.8	437	QOA1	0	0	0	0	77	22.0	2871	65	230	197	3.538	1.168	0.330	9.7	24.55
8549	40.9769	117.4660	-298.7	412	QOA1	0	0	0	0	75	21.9	2865	81	208	272	2.568	0.765	0.298	9.7	24.54
8550	40.9764	117.4660	-318.0	371	QYA	0	0	0	0	86	21.7	2850	71	244	196	3.437	1.245	0.362	9.6	24.54
8551	40.9759	117.4660	-309.5	339	QYA	0	0	0	0	74	21.6	2694	85	197	217	2.318	0.908	0.392	9.6	24.53
8552	40.9754	117.4660	-283.9	319	QYA	0	0	0	0	94	21.5	2556	86	180	187	2.093	0.963	0.460	9.6	24.53
8553	40.9748	117.4660	-262.5	353	QYA	0	0	0	0	81	21.7	2680	65	176	251	2.708	0.701	0.259	9.6	24.53
8554	40.9743	117.4660	-267.4	402	QYA	0	0	0	0	71	21.9	2871	62	204	266	3.290	0.767	0.233	9.6	24.53
8555	40.9738	117.4661	-294.3	434	QYA	0	0	0	0	93	18.2	2801	90	127	274	1.411	0.464	0.328	9.5	24.53
8556	40.9733	117.4661	-325.9	455	QYA	0	0	0	0	80	18.2	2948	86	168	258	1.953	0.651	0.333	9.5	24.52
8557	40.9728	117.4661	-352.8	459	QYA	0	0	0	0	85	18.2	2972	85	204	227	2.400	0.899	0.374	9.5	24.51
8558	40.9723	117.4661	-370.0	434	QYA	0	0	0	0	78	18.2	3152	79	153	293	1.937	0.522	0.270	9.5	24.51
8559	40.9718	117.4661	-379.8	398	QYA	0	0	0	0	82	18.1	2788	59	188	232	3.186	0.810	0.254	9.5	24.50
8560	40.9712	117.4661	-365.8	334	QYA	0	0	0	0	80	18.0	2666	67	239	173	3.567	1.382	0.387	9.5	24.49
8561	40.9707	117.4661	-187.9	287	QYA	0	0	0	0	83	17.9	2453	71	143	214	2.014	0.668	0.332	9.5	24.49
8562	40.9702	117.4661	-135.3	323	QYA	0	0	0	0	79	18.0	2549	89	113	211	1.270	0.536	0.422	9.5	24.49
8563	40.9697	117.4661	-164.6	403	QYA	0	0	0	0	79	18.1	2732	60	228	233	3.800	0.979	0.258	9.5	24.50
8564	40.9692	117.4661	-203.4	460	QYA	0	0	0	0	76	18.2	2994	101	173	224	1.713	0.772	0.451	9.5	24.50
8565	40.9687	117.4661	-228.9	481	QYA	0	0	0	0	79	18.3	2827	71	186	266	2.620	0.699	0.267	9.5	24.51
8566	40.9682	117.4661	-236.8	489	QYA	0	0	0	0	80	18.3	2900	88	121	268	1.375	0.451	0.328	9.5	24.52
8567	40.9677	117.4661	-242.5	490	QYA	0	0	0	0	76	18.3	2734	72	254	156	3.528	1.628	0.462	9.5	24.52
8568	40.9671	117.4661	-246.0	493	QYA	0	0	0	0	87	18.3	2765	62	156	239	2.516	0.653	0.259	9.5	24.53
8569	40.9666	117.4661	-251.2	497	QYA	0	0	0	0	74	18.3	2582	75	150	191	2.000	0.785	0.393	9.5	24.53
8570	40.9661	117.4661	-257.9	497	QYA	0	0	0	0	79	18.3	2577	60	136	234	2.267	0.581	0.256	9.5	24.53
8571	40.9656	117.4661	-264.1	495	QYA	0	0	0	0	78	18.3	2613	52	183	236	3.519	0.775	0.220	9.5	24.54
8572	40.9651	117.4661	-271.3	497	QYA	0	0	0	0	86	18.3	2573	34	193	190	5.676	1.016	0.179	9.5	24.54
8573	40.9646	117.4661	-289.5	500	QYA	0	0	0	0	82	18.3	2591	76	80	231	1.053	0.346	0.329	9.5	24.55
8574	40.9641	117.4661	-297.3	499	QYA	0	0	0	0	83	17.2	2560	51	162	196	3.176	0.827	0.260	9.5	24.54
8575	40.9635	117.4662	-301.5	497	QYA	0	0	0	0	78	17.2	2718	57	152	226	2.667	0.673	0.252	9.5	24.55
8576	40.9630	117.4662	-304.2	498	QYA	0	0	0	0	82	17.2	2424	43	192	206	4.465	0.932	0.209	9.5	24.56
8577	40.9625	117.4662	-303.7	498	QYA	0	0	0	0	78	17.2	2373	58	108	198	1.862	0.545	0.293	9.6	24.56
8578	40.9620	117.4662	-299.7	499	QYA	0	0	0	0	72	17.2	2708	39	225	193	5.769	1.166	0.202	9.6	24.57
8579	40.9615	117.4662	-297.1	500	QYA	0	0	0	0	79	17.2	2515	58	147	185	2.534	0.795	0.314	9.6	24.58
8580	40.9610	117.4662	-294.0	515	QYA	0	0	0	0	79	17.3	2632	50	118	218	2.360	0.541	0.229	9.6	24.58
8581	40.9605	117.4662	-288.5	503	QYA	0	0	0	0	71	17.3	2584	64	94	235	1.469	0.400	0.272	9.6	24.59
8582	40.9599	117.4662	-285.3	502	QYA	0	0	0	0	71	17.3	2400	64	123	231	1.922	0.532	0.277	9.6	24.59
8583	40.9594	117.4662	-278.5	503	QYA	0	0	0	0	82	17.3	2480	78	104	192	1.333	0.542	0.406	9.6	24.60
8584	40.9589	117.4662	-259.5	503	QYA	0	0	0	0	79	17.3	2481	64	123	223	1.922	0.552	0.287	9.7	24.60
8585	40.9584	117.4662	-231.7	498	QYA	0	0	0	0	81	17.2	2664	56	159	190	2.839	0.837	0.295	9.7	24.61
8586	40.9579	117.4662	-179.7	498	QYA	0	0	0	0	87	17.2	2594	50	143	185	2.860	0.773	0.270	9.7	24.62
8587	40.9574	117.4662	-170.0	518	QYA	0	0	0	0	71	17.3	2452	59	127	163	2.153	0.779	0.362	9.7	24.62
8588	40.9569	117.4663	-179.0	543	QYA	0	0	0	0	75	17.3	2395	46	197	132	4.283	1.492	0.348	9.8	24.62

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
8589	40.9564	117.4664	-190.8	561	QYA	0	0	0	0	75	17.3	2321	67	120	182	1.791	0.659	0.368	9.8	24.63
8590	40.9559	117.4664	-204.8	584	QYA	0	0	0	0	71	17.3	2649	46	149	211	3.239	0.706	0.218	9.8	24.64
8591	40.9554	117.4665	-220.0	592	QYA	0	0	0	0	72	17.3	2507	43	127	213	2.953	0.596	0.202	9.9	24.64
8592	40.9549	117.4666	-238.9	595	QYA	0	0	0	0	73	17.4	2427	50	148	182	2.960	0.813	0.275	9.9	24.64
8593	40.9544	117.4666	-257.4	590	QYA	0	0	0	0	84	34.0	2376	37	123	166	3.154	0.741	0.235	9.9	24.65
8594	40.9539	117.4667	-271.1	598	QYA	0	0	0	0	75	34.0	2296	41	117	168	2.854	0.696	0.244	9.8	24.65
8595	40.9534	117.4668	-291.4	588	QYA	0	0	0	0	72	33.9	2305	60	135	117	2.250	1.154	0.513	9.9	24.65
8596	40.9529	117.4668	-311.6	586	QYA	0	0	0	0	70	33.9	2187	52	88	160	1.692	0.550	0.325	9.9	24.66
8597	40.9524	117.4669	-332.5	570	QYA	0	0	0	0	84	33.8	2570	30	132	118	4.400	1.119	0.254	9.9	24.66
8598	40.9519	117.4670	-365.2	569	QYA	0	0	0	0	84	33.8	2401	70	51	190	0.729	0.268	0.368	9.9	24.67
8599	40.9514	117.4670	-383.1	550	QYA	0	0	0	0	76	33.6	2060	37	160	97	4.324	1.649	0.381	10.0	24.67
8600	40.9509	117.4671	-393.6	542	QYA	0	0	0	0	73	33.5	1971	48	132	123	2.750	1.073	0.390	10.0	24.68
8601	40.9504	117.4672	-401.2	526	QYA	0	0	0	0	77	33.4	1954	42	101	154	2.405	0.656	0.273	10.0	24.69
8602	40.9499	117.4672	-408.9	524	QYA	0	0	0	0	75	33.4	2019	33	101	154	3.061	0.656	0.214	10.1	24.70
8603	40.9494	117.4673	-415.0	507	QYA	0	0	0	0	81	33.2	1943	28	118	115	4.214	1.026	0.243	10.1	24.70
8604	40.9489	117.4674	-409.5	509	QYA	0	0	0	0	82	33.3	2010	26	103	150	3.962	0.687	0.173	10.1	24.71
8605	40.9484	117.4675	-403.2	506	QYA	0	0	0	0	78	33.2	1999	41	121	100	2.951	1.210	0.410	10.1	24.72
8606	40.9479	117.4675	-403.2	502	QYA	0	0	0	0	70	33.2	2139	24	112	158	4.667	0.709	0.152	10.2	24.72
8607	40.9474	117.4676	-395.0	497	QYA	0	0	0	0	73	33.1	2143	34	174	109	5.118	1.596	0.312	10.2	24.73
8608	40.9469	117.4677	-378.4	499	QOA1	0	0	0	0	75	33.2	1970	44	142	128	3.227	1.109	0.344	10.2	24.73
8609	40.9464	117.4677	-365.1	500	QOA1	0	0	0	0	79	33.2	2123	35	101	196	2.886	0.515	0.179	10.3	24.73
8610	40.9459	117.4678	-350.4	498	QOA1	0	0	0	0	71	33.2	2087	45	141	101	3.133	1.396	0.446	10.3	24.74
8611	40.9454	117.4679	-320.1	497	QOA1	0	0	0	0	77	33.1	2052	71	67	167	0.944	0.401	0.425	10.3	24.74
8612	40.9449	117.4679	-311.1	496	QOA1	0	0	0	0	74	39.1	1979	41	124	143	3.024	0.867	0.287	10.4	24.75
8613	40.9444	117.4680	-300.8	494	QOA1	0	0	0	0	78	39.0	2042	31	86	176	2.774	0.489	0.176	10.4	24.76
8614	40.9439	117.4681	-293.8	494	QOA1	0	0	0	0	71	39.0	2024	36	109	180	3.028	0.606	0.200	10.4	24.77
8615	40.9434	117.4681	-287.5	493	QOA1	0	0	0	0	75	39.0	2000	33	44	203	1.333	0.217	0.163	10.5	24.77
8616	40.9429	117.4682	-286.0	491	QOA1	0	0	0	0	72	39.0	2009	46	71	164	1.543	0.433	0.280	10.5	24.77
8617	40.9424	117.4683	-280.7	491	QOA1	0	0	0	0	92	39.0	2116	40	112	161	2.800	0.696	0.248	10.5	24.78
8618	40.9419	117.4683	-277.7	490	QOA1	0	0	0	0	75	39.0	2150	42	165	130	3.929	1.269	0.323	10.5	24.79
8619	40.9414	117.4684	-274.4	488	QOA1	0	0	0	0	73	39.0	2172	40	68	230	1.700	0.296	0.174	10.6	24.79
8620	40.9409	117.4685	-276.4	487	QOA1	0	0	0	0	76	39.0	2464	64	56	258	0.875	0.217	0.248	10.6	24.80
8621	40.9404	117.4686	-277.1	483	QOA1	0	0	0	0	81	38.9	2340	49	135	187	2.755	0.722	0.262	10.6	24.81
8622	40.9399	117.4686	-279.0	463	QOA1	0	0	0	0	74	38.7	2369	82	117	186	1.427	0.629	0.441	10.6	24.81
8623	40.9394	117.4687	-283.3	451	QOA1	0	0	0	0	73	38.5	2563	62	212	151	3.419	1.404	0.411	10.7	24.81
8624	40.9389	117.4688	-285.7	435	QOA1	0	0	0	0	72	38.3	2546	77	121	187	1.571	0.647	0.412	10.7	24.82
8625	40.9384	117.4688	-289.7	427	QOA1	0	0	0	0	75	38.2	2547	70	158	191	2.257	0.827	0.366	10.7	24.83
8626	40.9379	117.4689	-290.8	414	QOA1	0	0	0	0	76	38.0	2604	77	162	191	2.104	0.848	0.403	10.8	24.84
8627	40.9372	117.4690	-291.4	410	QOA1	0	0	0	0	89	38.0	2498	79	135	146	1.709	0.925	0.541	10.8	24.84
8628	40.9364	117.4692	-290.3	401	QOA1	0	0	0	0	71	37.9	2512	69	215	137	3.116	1.569	0.504	10.8	24.85
8629	40.9357	117.4693	-294.7	397	QOA1	0	0	0	0	81	37.8	2509	63	205	177	3.254	1.158	0.356	10.8	24.85
8630	40.9350	117.4694	-296.8	392	QOA1	0	0	0	0	77	37.7	2626	67	163	201	2.433	0.811	0.333	10.8	24.85
8631	40.9343	117.4695	-295.4	388	QOA1	0	0	0	0	66	33.2	2753	63	163	242	2.587	0.674	0.260	10.9	24.85
8632	40.9336	117.4697	-293.3	385	QOA1	0	0	0	0	76	33.2	2569	63	199	176	3.159	1.131	0.358	10.9	24.85
8633	40.9329	117.4698	-295.4	380	QOA1	0	0	0	0	69	33.2	2646	85	171	227	2.012	0.753	0.374	11.0	24.85
8634	40.9321	117.4699	-292.8	377	QOA1	0	0	0	0	79	33.1	2509	65	126	250	1.938	0.504	0.260	11.0	24.85
8635	40.9314	117.4700	-291.6	373	QOA1	0	0	0	0	75	33.1	2534	73	173	187	2.370	0.925	0.390	11.0	24.85
8636	40.9307	117.4702	-288.2	371	QOA1	0	0	0	0	77	33.1	2590	63	217	179	3.444	1.212	0.352	11.1	24.85
8637	40.9300	117.4703	-283.9	361	QOA1	0	0	0	0	76	32.9	2639	68	263	173	3.868	1.520	0.393	11.1	24.86
8638	40.9293	117.4704	-283.0	356	QOA1	0	0	0	0	66	32.9	2601	72	229	179	3.181	1.279	0.402	11.1	24.86
8639	40.9286	117.4705	-279.7	350	QOA1	0	0	0	0	70	32.8	2725	91	166	185	1.824	0.897	0.492	11.2	24.86
8640	40.9278	117.4707	-276.2	354	QOA1	0	0	0	0	68	32.9	2539	85	122	205	1.435	0.595	0.415	11.2	24.86
8641	40.9271	117.4708	-274.8	354	QOA1	0	0	0	0	72	32.9	2609	73	174	205	2.384	0.849	0.356	11.2	24.85
8642	40.9264	117.4709	-269.6	357	QOA1	0	0	0	0	70	32.9	2586	73	178	220	2.438	0.809	0.332	11.2	24.85

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
8643	40.9259	117.4709	-267.3	357	QQA1	0	0	0	0	81	32.9	2579	92	165	184	1.793	0.897	0.500	11.2	24.85
8644	40.9254	117.4709	-266.3	359	QQA1	0	0	0	0	79	32.9	2510	78	214	149	2.744	1.436	0.523	11.3	24.84
8645	40.9249	117.4709	-264.1	353	QQA1	0	0	0	0	75	32.8	2574	85	162	189	1.906	0.857	0.450	11.3	24.85
8646	40.9244	117.4709	-261.4	349	QQA1	0	0	0	0	80	32.8	2560	68	270	158	3.971	1.709	0.430	11.4	24.84
8647	40.9239	117.4709	-257.4	345	QQA1	0	0	0	0	59	32.8	2669	84	158	233	1.881	0.678	0.361	11.4	24.84
8648	40.9234	117.4709	-253.6	342	QQA1	0	0	0	0	80	32.7	2699	74	196	211	2.649	0.929	0.351	11.5	24.85
8649	40.9229	117.4709	-251.1	339	QQA1	0	0	0	0	78	32.7	2637	81	130	208	1.605	0.625	0.389	11.6	24.85
8650	40.9224	117.4709	-248.1	334	QQA1	0	0	0	0	67	23.0	2652	63	259	182	4.111	1.423	0.346	11.6	24.85
8651	40.9219	117.4709	-246.6	331	QQA1	0	0	0	0	83	23.0	2548	67	182	238	2.716	0.765	0.282	11.6	24.84
8652	40.9214	117.4709	-244.9	326	QQA1	0	0	0	0	69	23.0	2565	100	126	210	1.260	0.600	0.476	11.7	24.84
8653	40.9209	117.4708	-240.6	329	QQA1	0	0	0	0	74	23.0	2669	96	182	187	1.896	0.973	0.513	11.7	24.84
8654	40.9204	117.4708	-237.9	326	QQA1	0	0	0	0	77	23.0	2706	84	163	231	1.940	0.706	0.364	11.7	24.84
8655	40.9198	117.4708	-237.6	331	QQA1	0	0	0	0	73	23.0	2582	51	259	177	5.078	1.463	0.288	11.7	24.84
8656	40.9193	117.4708	-233.8	327	QQA1	0	0	0	0	75	23.0	2546	88	174	180	1.977	0.967	0.489	11.8	24.84
8657	40.9188	117.4708	-229.8	326	QQA1	0	0	0	0	72	23.0	2577	62	140	233	2.258	0.601	0.266	11.8	24.83
8658	40.9183	117.4708	-229.3	325	QQA1	0	0	0	0	69	23.0	2518	77	135	224	1.753	0.603	0.344	11.9	24.83
8659	40.9178	117.4708	-229.7	332	QQA1	0	0	0	0	72	23.0	2526	66	214	192	3.242	1.115	0.344	11.8	24.83
8660	40.9173	117.4708	-229.7	329	QQA1	0	0	0	0	79	23.0	2491	93	137	217	1.473	0.631	0.429	11.8	24.83
8661	40.9168	117.4708	-230.2	332	QQA1	0	0	0	0	77	23.0	2557	76	160	201	2.105	0.796	0.378	11.8	24.82
8662	40.9163	117.4708	-230.4	335	QQA1	0	0	0	0	75	23.0	2499	66	251	140	3.803	1.793	0.471	11.8	24.82
8663	40.9158	117.4708	-229.0	345	QQA1	0	0	0	0	85	23.1	2552	89	135	183	1.517	0.738	0.486	11.9	24.81
8664	40.9153	117.4708	-234.9	358	QQA1	0	0	0	0	88	23.1	2680	91	218	133	2.396	1.639	0.684	11.9	24.80
8665	40.9148	117.4708	-236.4	354	QQA1	0	0	0	0	69	23.1	2520	82	122	228	1.488	0.535	0.360	12.0	24.80
8666	40.9143	117.4708	-236.2	353	QQA1	0	0	0	0	76	23.1	2618	72	177	207	2.458	0.855	0.348	12.0	24.80
8667	40.9138	117.4707	-240.0	345	QQA1	0	0	0	0	76	23.1	2657	62	251	187	4.048	1.342	0.332	12.0	24.80
8668	40.9133	117.4707	-237.7	342	QQA1	0	0	0	0	66	23.0	2636	69	168	233	2.435	0.721	0.296	12.0	24.80
8669	40.9128	117.4707	-239.2	339	QQA1	0	0	0	0	83	25.0	2738	86	180	190	2.093	0.947	0.453	12.0	24.80
8670	40.9123	117.4707	-240.4	348	QQA1	0	0	0	0	78	25.0	2696	54	283	223	5.241	1.269	0.242	12.0	24.79
8671	40.9118	117.4707	-240.3	352	QQA1	0	0	0	0	69	25.1	2746	89	125	245	1.404	0.510	0.363	12.0	24.79
8672	40.9113	117.4707	-237.0	359	QQA1	0	0	0	0	81	25.1	2857	79	163	236	2.063	0.691	0.335	12.1	24.79
8673	40.9108	117.4707	-236.5	355	QQA1	0	0	0	0	76	25.1	2825	77	182	227	2.364	0.802	0.339	12.1	24.79
8674	40.9103	117.4707	-234.7	358	QQA1	0	0	0	0	86	25.1	2747	106	168	163	1.585	1.031	0.650	12.1	24.79
8675	40.9098	117.4707	-231.9	364	QQA1	0	0	0	0	74	25.1	2762	91	223	196	2.451	1.138	0.464	12.2	24.78
8676	40.9093	117.4707	-229.6	370	QQA1	0	0	0	0	79	25.2	2825	69	167	268	2.420	0.623	0.257	12.2	24.79
8677	40.9088	117.4707	-227.3	365	QQA1	0	0	0	0	80	25.1	2867	82	154	238	1.878	0.647	0.345	12.2	24.78
8678	40.9083	117.4707	-224.8	365	QQA1	0	0	0	0	68	25.1	2795	67	130	324	1.940	0.401	0.207	12.2	24.78
8679	40.9077	117.4707	-222.8	365	QQA1	0	0	0	0	75	25.1	2634	77	210	205	2.727	1.024	0.376	12.2	24.78
8680	40.9072	117.4707	-219.8	367	QQA1	0	0	0	0	79	25.1	2733	78	137	230	1.756	0.596	0.339	12.2	24.78
8681	40.9067	117.4707	-216.2	367	QQA1	0	0	0	0	87	25.2	2513	67	212	170	3.164	1.247	0.394	12.2	24.78
8682	40.9062	117.4706	-218.0	364	QQA1	0	0	0	0	77	25.1	2612	57	214	223	3.754	0.960	0.256	12.2	24.78
8683	40.9057	117.4706	-212.7	365	QQA1	0	0	0	0	80	25.1	2740	62	160	223	2.581	0.717	0.278	12.2	24.77
8684	40.9052	117.4706	-207.9	368	QQA1	0	0	0	0	85	25.2	2654	65	211	199	3.246	1.060	0.327	12.2	24.77
8685	40.9047	117.4706	-203.4	373	QQA1	0	0	0	0	79	25.2	2603	59	147	270	2.492	0.544	0.219	12.2	24.77
8686	40.9042	117.4706	199.6	369	QQA1	0	0	0	0	72	25.2	2740	81	130	218	1.605	0.596	0.372	12.2	24.77
8687	40.9037	117.4706	-193.3	373	QQA1	0	0	0	0	68	25.2	2709	72	150	242	2.083	0.620	0.298	12.2	24.76
8688	40.9032	117.4706	-193.1	365	QQA1	0	0	0	0	76	30.6	2600	55	219	216	3.982	1.014	0.255	12.2	24.76
8689	40.9027	117.4706	-193.9	363	QQA1	0	0	0	0	78	30.6	2588	62	138	209	2.226	0.660	0.297	12.2	24.75
8690	40.9022	117.4706	-199.6	358	QQA1	0	0	0	0	77	30.5	2615	61	125	229	2.049	0.546	0.266	12.2	24.75
8691	40.9017	117.4706	-209.6	361	QQA1	0	0	0	0	73	30.5	2582	65	176	187	2.708	0.941	0.348	12.3	24.75
8692	40.9012	117.4706	-217.6	359	QQA1	0	0	0	0	80	30.5	2505	70	175	200	2.500	0.875	0.350	12.3	24.75
8693	40.9007	117.4706	-208.6	358	QQA1	0	0	0	0	76	30.5	2357	65	166	170	2.554	0.976	0.382	12.3	24.74
8694	40.9002	117.4706	-202.3	351	QQA1	0	0	0	0	81	30.4	2386	62	179	136	2.887	1.316	0.456	12.3	24.74
8695	40.8997	117.4706	-197.2	343	QQA1	0	0	0	0	65	30.4	2442	51	194	191	3.804	1.016	0.267	12.3	24.74
8696	40.8992	117.4706	-199.4	336	QQA1	0	0	0	0	72	30.3	2600	76	135	204	1.776	0.662	0.373	12.3	24.74

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
8697	40.8987	117.4705	-204.5	331	QOA1	0	0	0	0	80	30.2	2364	54	148	202	2.741	0.733	0.267	12.3	24.73
8698	40.8982	117.4705	-204.0	326	QOA1	0	0	0	0	78	30.2	2447	65	93	208	1.431	0.447	0.313	12.3	24.73
8699	40.8977	117.4705	-213.2	323	QOA1	0	0	0	0	74	30.2	2363	55	154	203	2.800	0.759	0.271	12.2	24.73
8700	40.8972	117.4705	-231.7	329	QOA1	0	0	0	0	71	30.2	2443	43	239	176	5.558	1.358	0.244	12.2	24.72
8701	40.8967	117.4705	-241.4	333	QOA1	0	0	0	0	73	30.3	2357	66	205	191	3.106	1.073	0.346	12.2	24.71
8702	40.8962	117.4705	-229.3	337	QOA1	0	0	0	0	90	30.3	2304	51	137	199	2.686	0.688	0.256	12.2	24.70
8703	40.8956	117.4705	-218.8	335	QOA1	0	0	0	0	67	30.3	2350	64	158	175	2.469	0.903	0.366	12.1	24.70
8704	40.8951	117.4705	-203.7	342	QOA1	0	0	0	0	83	30.3	2425	51	183	197	3.588	0.929	0.259	12.2	24.70
8705	40.8946	117.4705	-191.3	336	QOA1	0	0	0	0	67	30.3	2525	66	135	164	2.045	0.823	0.402	12.2	24.69
8706	40.8941	117.4705	-184.0	337	QOA1	0	0	0	0	72	30.3	2458	61	142	196	2.328	0.724	0.311	12.2	24.69
8707	40.8936	117.4705	-180.3	328	QOA1	0	0	0	0	82	34.5	2448	65	113	230	1.738	0.491	0.283	12.2	24.69
8708	40.8931	117.4705	-171.3	327	QOA1	0	0	0	0	68	34.5	2280	48	158	177	3.292	0.893	0.271	12.1	24.69
8709	40.8926	117.4705	-159.1	321	QOA1	0	0	0	0	76	34.4	2142	42	116	205	2.762	0.566	0.205	12.1	24.69
8710	40.8921	117.4705	-134.1	315	QOA1	0	0	0	0	75	34.4	2114	61	144	139	2.361	1.036	0.439	12.1	24.68
8711	40.8916	117.4704	-127.1	304	QOA1	0	0	0	0	75	34.2	2280	61	167	155	2.738	1.077	0.394	12.1	24.68
8712	40.8911	117.4704	-127.2	296	QOA1	0	0	0	0	75	34.1	2207	44	134	175	3.045	0.766	0.251	12.1	24.68
8713	40.8906	117.4704	-118.7	291	QOA1	0	0	0	0	78	34.0	2299	63	204	108	3.238	1.889	0.583	12.0	24.68
8714	40.8901	117.4704	-103.5	288	QOA1	0	0	0	0	76	34.0	2189	59	105	180	1.780	0.583	0.328	12.0	24.68
8715	40.8896	117.4704	-89.0	288	QOA1	0	0	0	0	83	34.0	2213	45	136	182	3.022	0.747	0.247	12.0	24.68
8716	40.8891	117.4704	-89.4	285	QOA1	0	0	0	0	80	34.0	2250	49	135	192	2.755	0.703	0.255	12.0	24.67
8717	40.8886	117.4704	-95.4	287	QOA1	0	0	0	0	83	34.0	2353	47	171	172	3.638	0.994	0.273	11.9	24.66
8718	40.8881	117.4704	-98.7	287	QOA1	0	0	0	0	86	34.0	2171	50	145	179	2.900	0.810	0.279	11.9	24.65
8719	40.8876	117.4704	-82.6	291	QOA1	0	0	0	0	84	34.0	2250	68	146	156	2.147	0.936	0.436	11.9	24.65
8720	40.8871	117.4704	-62.1	289	QOA1	0	0	0	0	77	34.0	2283	64	147	182	2.297	0.808	0.352	11.9	24.64
8721	40.8866	117.4704	-30.3	290	QOA1	0	0	0	0	83	34.0	2203	54	168	165	3.111	1.018	0.327	11.9	24.64
8722	40.8861	117.4704	-13.9	282	QOA1	0	0	0	0	79	33.9	2323	53	182	151	3.434	1.205	0.351	11.9	24.64
8723	40.8856	117.4704	-33.3	281	QOA1	0	0	0	0	78	33.9	2223	57	107	207	1.877	0.517	0.275	11.8	24.64
8724	40.8851	117.4704	-56.1	274	QOA1	0	0	0	0	79	33.8	2195	41	181	170	4.415	1.065	0.241	11.8	24.63
8725	40.8846	117.4704	-73.4	274	QOA1	0	0	0	0	75	33.8	2341	38	204	170	5.368	1.200	0.224	11.8	24.63
8726	40.8841	117.4703	-77.6	270	QOA1	0	0	0	0	77	27.0	2247	45	179	175	3.978	1.023	0.257	11.8	24.62
8727	40.8836	117.4703	-76.6	274	QOA1	0	0	0	0	85	27.0	2175	61	119	168	1.951	0.708	0.363	11.8	24.62
8728	40.8830	117.4703	-98.0	275	QOA1	0	0	0	0	83	27.0	2320	61	168	170	2.754	0.988	0.359	11.8	24.61
8729	40.8825	117.4703	-68.7	281	QOA1	0	0	0	0	74	27.1	2175	54	146	152	2.704	0.961	0.355	11.7	24.61
8730	40.8820	117.4703	-16.4	289	QOA1	0	0	0	0	73	27.1	2207	72	154	170	2.139	0.906	0.424	11.8	24.60
8731	40.8815	117.4703	13.7	297	QOA1	0	0	0	0	73	27.2	2282	51	141	192	2.765	0.734	0.266	11.8	24.59
8732	40.8810	117.4703	25.7	297	QOA1	0	0	0	0	81	27.2	2354	65	165	156	2.538	1.058	0.417	11.7	24.59
8733	40.8805	117.4703	20.0	301	QOA1	0	0	0	0	91	27.2	2318	68	151	149	2.221	1.013	0.456	11.7	24.57
8734	40.8800	117.4703	14.4	310	QOA1	0	0	0	0	86	27.3	2373	61	145	204	2.377	0.711	0.299	11.7	24.57
8735	40.8795	117.4703	-25.6	310	QOA1	0	0	0	0	88	27.3	2236	54	253	106	4.685	2.387	0.509	11.7	24.56
8736	40.8790	117.4703	-56.6	313	QOA1	0	0	0	0	82	27.3	2449	67	101	208	1.578	0.486	0.308	11.8	24.56
8737	40.8785	117.4703	-88.0	314	QOA1	0	0	0	0	78	27.3	2395	67	118	196	1.761	0.602	0.342	11.7	24.55
8738	40.8780	117.4703	-108.5	315	QOA1	0	0	0	0	72	27.3	2470	86	180	183	2.093	0.984	0.470	11.7	24.55
8739	40.8775	117.4703	-95.2	314	QOA1	0	0	0	0	78	27.3	2484	59	115	241	1.949	0.477	0.245	11.7	24.55
8740	40.8770	117.4702	-53.9	319	QOA1	0	0	0	0	84	27.4	2671	93	122	180	1.312	0.678	0.517	11.6	24.55
8741	40.8765	117.4702	-21.9	321	QOA1	0	0	0	0	81	27.4	2449	55	230	148	4.182	1.554	0.372	11.6	24.54
8742	40.8760	117.4702	-7.0	331	QOA1	0	0	0	0	75	27.5	2399	65	150	187	2.308	0.802	0.348	11.5	24.54
8743	40.8755	117.4702	2.7	330	QOA1	0	0	0	0	83	27.5	2472	34	263	164	7.735	1.604	0.207	11.5	24.53
8744	40.8750	117.4702	2.8	333	QOA1	0	0	0	0	83	27.5	2472	63	155	225	2.460	0.689	0.280	11.5	24.53
8745	40.8745	117.4702	-0.9	338	QOA1	0	0	0	0	75	25.9	2433	60	160	170	2.667	0.941	0.353	11.4	24.52
8746	40.8740	117.4702	4.6	339	QOA1	0	0	0	0	90	25.9	2502	60	191	172	3.183	1.110	0.349	11.4	24.52
8747	40.8735	117.4702	12.6	340	QOA1	0	0	0	0	81	25.9	2487	52	132	221	2.538	0.597	0.235	11.4	24.52
8748	40.8730	117.4702	-0.3	343	QOA1	0	0	0	0	80	25.9	2622	72	152	224	2.111	0.679	0.321	11.3	24.51
8749	40.8725	117.4702	-42.3	341	QOA1	0	0	0	0	88	25.9	2397	73	140	183	1.918	0.765	0.399	11.3	24.51
8750	40.8720	117.4702	-68.8	340	QOA1	0	0	0	0	81	25.9	2544	67	176	184	2.627	0.957	0.364	11.3	24.51

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
8751	40.8715	117.4702	-61.0	345	QOA1	0	0	0	0	87	25.9	2437	54	148	183	2.741	0.809	0.295	11.3	24.50
8752	40.8709	117.4702	-55.7	346	QOA1	0	0	0	0	71	25.9	2302	55	183	170	3.327	1.076	0.324	11.3	24.50
8753	40.8704	117.4702	-58.9	350	QOA1	0	0	0	0	68	26.0	2338	57	192	144	3.368	1.333	0.396	11.3	24.49
8754	40.8699	117.4702	-52.4	348	QOA1	0	0	0	0	84	26.0	2357	54	169	179	3.130	0.944	0.302	11.3	24.50
8755	40.8694	117.4701	-42.3	352	QOA1	0	0	0	0	75	26.0	2429	65	103	201	1.585	0.512	0.323	11.2	24.49
8756	40.8689	117.4701	-30.8	350	QOA1	0	0	0	0	76	26.0	2294	34	178	206	5.235	0.864	0.165	11.2	24.49
8757	40.8684	117.4701	-24.5	355	QOA1	0	0	0	0	75	26.0	2430	48	103	213	2.146	0.484	0.225	11.2	24.49
8758	40.8679	117.4701	-22.0	357	QOA1	0	0	0	0	81	26.0	2311	58	195	155	3.362	1.258	0.374	11.2	24.48
8759	40.8674	117.4701	-44.1	367	QOA1	0	0	0	0	88	26.1	2158	47	132	152	2.809	0.868	0.309	11.2	24.48
8760	40.8669	117.4701	-68.3	376	QOA1	0	0	0	0	88	26.1	2128	44	143	150	3.250	0.953	0.293	11.3	24.48
8761	40.8664	117.4701	-57.7	388	QOA1	0	0	0	0	74	26.2	2164	65	97	158	1.492	0.614	0.411	11.3	24.48
8762	40.8659	117.4701	-47.5	377	QOA1	0	0	0	0	84	26.2	2386	53	184	140	3.472	1.314	0.379	11.3	24.47
8763	40.8654	117.4701	-50.6	362	QOA1	0	0	0	0	88	26.1	2510	39	189	181	4.846	1.044	0.215	11.3	24.47
8764	40.8649	117.4701	-59.4	359	QOA1	0	0	0	0	75	28.3	2365	58	114	184	1.966	0.620	0.315	11.3	24.48
8765	40.8644	117.4701	-67.6	358	QOA1	0	0	0	0	76	28.3	2426	44	160	194	3.636	0.825	0.227	11.3	24.48
8766	40.8639	117.4701	-78.3	359	QOA1	0	0	0	0	78	28.3	2324	69	44	239	0.638	0.184	0.289	11.3	24.48
8767	40.8634	117.4701	-95.3	355	QOA1	0	0	0	0	80	28.2	2375	38	195	156	5.132	1.250	0.244	11.3	24.47
8768	40.8628	117.4700	-100.1	351	QOA1	0	0	0	0	80	28.2	2386	49	182	177	3.714	1.028	0.277	11.3	24.47
8769	40.8623	117.4700	-97.3	354	QOA1	0	0	0	0	81	28.2	2451	41	155	225	3.780	0.689	0.182	11.3	24.47
8770	40.8618	117.4700	-101.2	360	QOA1	0	0	0	0	87	28.3	2279	49	163	169	3.327	0.964	0.290	11.2	24.46
8771	40.8613	117.4700	-105.1	366	QOA1	0	0	0	0	84	28.3	2572	53	118	207	2.226	0.570	0.256	11.2	24.45
8772	40.8607	117.4699	-106.2	376	QOA1	0	0	0	0	71	28.4	2453	42	110	233	2.619	0.472	0.180	11.2	24.44
8773	40.8602	117.4699	-104.7	377	QOA1	0	0	0	0	87	28.4	2178	43	152	152	3.535	1.000	0.283	11.2	24.45
8774	40.8597	117.4699	-110.4	384	QOA1	0	0	0	0	78	28.5	2325	48	156	196	3.250	0.796	0.245	11.2	24.45
8775	40.8592	117.4699	-106.9	372	QOA1	0	0	0	0	77	28.4	2316	50	135	190	2.700	0.711	0.263	11.2	24.45
8776	40.8586	117.4699	-99.7	364	QOA1	0	0	0	0	78	28.3	2396	63	149	168	2.365	0.887	0.375	11.2	24.45
8777	40.8581	117.4698	-90.3	350	QOA1	0	0	0	0	84	28.2	2371	58	154	169	2.655	0.911	0.343	11.2	24.45
8778	40.8576	117.4698	-79.0	349	QOA1	0	0	0	0	87	28.2	2306	43	186	202	4.326	0.921	0.213	11.2	24.44
8779	40.8571	117.4698	-83.7	351	QOA1	0	0	0	0	86	28.2	2453	62	180	172	2.903	1.047	0.360	11.2	24.44
8780	40.8565	117.4698	-89.7	353	QOA1	0	0	0	0	77	28.2	2625	75	114	169	1.520	0.675	0.444	11.2	24.44
8781	40.8560	117.4698	-89.0	349	QOA1	0	0	0	0	80	28.2	2331	77	173	151	2.247	1.146	0.510	11.1	24.43
8782	40.8555	117.4697	-87.3	364	QOA1	0	0	0	0	81	28.3	2333	72	123	172	1.708	0.715	0.419	11.1	24.43
8783	40.8550	117.4697	-84.2	373	QOA1	0	0	0	0	83	34.8	2450	55	116	233	2.109	0.498	0.236	11.1	24.42
8784	40.8545	117.4697	-82.9	371	QOA1	0	0	0	0	84	34.7	2444	61	96	209	1.574	0.459	0.292	11.1	24.42
8785	40.8539	117.4697	-88.6	376	QOA1	0	0	0	0	76	34.8	2381	44	215	178	4.886	1.208	0.247	11.1	24.41
8786	40.8534	117.4697	-89.8	384	QOA1	0	0	0	0	81	34.9	2244	40	151	178	3.775	0.848	0.225	11.1	24.40
8787	40.8529	117.4696	-89.2	391	QOA1	0	0	0	0	77	35.0	2195	50	181	153	3.620	1.183	0.327	11.1	24.40
8788	40.8524	117.4696	-93.5	386	QOA1	0	0	0	0	77	34.9	2159	39	196	152	5.026	1.239	0.257	11.1	24.39
8789	40.8518	117.4696	-98.4	394	QOA1	0	0	0	0	72	35.0	2136	83	32	171	0.386	0.187	0.485	11.1	24.38
8790	40.8513	117.4696	-102.1	391	QOA1	0	0	0	0	80	35.0	2309	35	258	113	7.371	2.283	0.310	11.2	24.38
8791	40.8508	117.4695	-101.3	398	QOA1	0	0	0	0	87	35.1	2369	66	59	238	0.894	0.248	0.277	11.2	24.38
8792	40.8503	117.4695	-98.5	397	QOA1	0	0	0	0	86	35.1	2200	58	123	166	2.121	0.741	0.349	11.2	24.38
8793	40.8497	117.4695	-102.2	397	QOA1	0	0	0	0	80	35.1	2241	37	158	138	4.270	1.145	0.268	11.2	24.38
8794	40.8492	117.4695	-109.8	379	QOA1	0	0	0	0	85	34.8	2174	43	155	169	3.605	0.917	0.254	11.3	24.37
8795	40.8487	117.4695	-115.9	372	QOA1	0	0	0	0	81	34.8	2243	69	130	130	1.884	1.000	0.531	11.3	24.37
8796	40.8482	117.4694	-128.4	369	QOA1	0	0	0	0	77	34.7	2387	71	81	256	1.141	0.316	0.277	11.3	24.37
8797	40.8476	117.4694	-140.6	368	QOA1	0	0	0	0	77	34.7	2382	60	102	236	1.700	0.432	0.254	11.3	24.36
8798	40.8471	117.4694	-146.8	367	QOA1	0	0	0	0	81	34.7	2528	67	112	209	1.672	0.536	0.321	11.4	24.35
8799	40.8466	117.4694	-147.8	367	QOA1	0	0	0	0	83	34.7	2439	54	140	235	2.593	0.596	0.230	11.4	24.36
8800	40.8461	117.4694	-145.0	367	QOA1	0	0	0	0	76	34.7	2545	60	215	172	3.583	1.250	0.349	11.5	24.35
8801	40.8455	117.4693	-144.0	366	QOA1	0	0	0	0	75	34.7	2536	70	180	175	2.571	1.029	0.400	11.5	24.35
8802	40.8450	117.4693	-141.9	371	QOA1	0	0	0	0	76	31.3	2416	71	133	191	1.873	0.696	0.372	11.4	24.34
8803	40.8445	117.4693	-140.1	374	QOA1	0	0	0	0	87	31.3	2446	41	195	239	4.756	0.816	0.172	11.4	24.33
8804	40.8440	117.4693	-144.6	380	QOA1	0	0	0	0	83	31.4	2631	44	263	145	5.977	1.814	0.303	11.4	24.33

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
8805	40.8434	117.4693	-151.0	378	QOA1	0	0	0	0	92	31.4	2604	68	166	197	2.441	0.843	0.345	11.5	24.32
8806	40.8429	117.4692	-158.0	378	QOA1	0	0	0	0	84	31.4	2512	57	188	211	3.298	0.891	0.270	11.5	24.33
8807	40.8424	117.4692	-162.0	372	QOA1	0	0	0	0	77	31.3	2644	72	150	226	2.083	0.664	0.319	11.5	24.33
8808	40.8419	117.4692	-162.4	378	QOA1	0	0	0	0	84	31.4	2573	72	113	218	1.569	0.518	0.330	11.5	24.33
8809	40.8413	117.4692	-161.9	382	QOA1	0	0	0	0	84	31.4	2650	70	123	265	1.757	0.464	0.264	11.5	24.32
8810	40.8408	117.4692	-152.6	387	QOA1	0	0	0	0	82	31.5	2595	68	176	221	2.588	0.796	0.308	11.4	24.31
8811	40.8403	117.4691	-155.1	383	QOA1	0	0	0	0	79	31.4	2530	73	165	170	2.260	0.971	0.429	11.4	24.31
8812	40.8398	117.4691	-157.5	391	QOA1	0	0	0	0	80	31.5	2602	53	192	205	3.623	0.937	0.259	11.4	24.30
8813	40.8392	117.4691	-159.4	400	QOA1	0	0	0	0	79	31.6	2533	63	156	196	2.476	0.796	0.321	11.4	24.30
8814	40.8387	117.4691	-160.1	400	QOA1	0	0	0	0	80	31.6	2621	54	247	178	4.574	1.388	0.303	11.4	24.30
8815	40.8382	117.4690	-159.8	403	QOA1	0	0	0	0	72	31.6	2461	83	114	212	1.373	0.538	0.392	11.5	24.30
8816	40.8377	117.4690	-163.7	415	QOA1	0	0	0	0	77	31.7	2588	69	157	189	2.275	0.831	0.365	11.5	24.29
8817	40.8371	117.4690	-164.1	415	QOA1	0	0	0	0	92	31.7	2495	57	179	201	3.140	0.891	0.284	11.5	24.29
8818	40.8366	117.4690	-162.1	411	QOA1	0	0	0	0	79	31.7	2538	53	199	209	3.755	0.952	0.254	11.5	24.29
8819	40.8361	117.4690	-161.7	404	QOA1	0	0	0	0	84	31.6	2527	61	191	195	3.131	0.979	0.313	11.5	24.29
8820	40.8356	117.4689	-162.4	400	QOA1	0	0	0	0	80	31.6	2558	69	135	195	1.957	0.692	0.354	11.5	24.29
8821	40.8351	117.4689	-159.1	402	QOA1	0	0	0	0	74	23.3	2874	78	183	183	2.346	1.000	0.426	11.5	24.29
8822	40.8345	117.4689	-157.1	400	QOA1	0	0	0	0	79	23.3	2549	63	148	212	2.349	0.698	0.297	11.6	24.29
8823	40.8340	117.4689	-141.8	404	QOA1	0	0	0	0	84	23.3	2509	82	148	211	1.805	0.701	0.389	11.6	24.29
8824	40.8335	117.4689	-140.8	398	QOA1	0	0	0	0	84	23.3	2540	49	204	216	4.163	0.944	0.227	11.6	24.29
8825	40.8330	117.4688	-135.3	396	QOA1	0	0	0	0	70	23.3	2554	70	177	216	2.529	0.819	0.324	11.6	24.29
8826	40.8324	117.4688	-129.6	387	QOA1	0	0	0	0	82	23.2	2615	66	100	279	1.515	0.358	0.237	11.6	24.29
8827	40.8319	117.4688	-132.1	389	QOA1	0	0	0	0	91	23.2	2681	70	170	206	2.429	0.825	0.340	11.6	24.29
8828	40.8314	117.4688	-129.0	387	QOA1	0	0	0	0	73	23.2	2637	69	134	262	1.942	0.511	0.263	11.6	24.29
8829	40.8309	117.4688	-125.0	393	QOA1	0	0	0	0	88	23.3	2638	55	181	243	3.291	0.745	0.226	11.6	24.29
8830	40.8303	117.4687	-116.9	393	QOA1	0	0	0	0	83	23.3	2668	52	209	250	4.019	0.836	0.208	11.6	24.29
8831	40.8298	117.4687	-113.6	395	QOA1	0	0	0	0	79	23.3	2833	73	229	213	3.137	1.075	0.343	11.6	24.29
8832	40.8293	117.4687	-112.1	390	QOA1	0	0	0	0	73	23.3	2693	69	169	254	2.449	0.665	0.272	11.6	24.29
8833	40.8288	117.4687	-107.9	390	QOA1	0	0	0	0	82	23.3	2817	85	197	201	2.318	0.980	0.423	11.6	24.28
8834	40.8282	117.4687	-107.1	393	QOA1	0	0	0	0	83	23.3	2728	58	236	205	4.069	1.151	0.283	11.5	24.28
8835	40.8277	117.4686	-105.3	393	QOA1	0	0	0	0	83	23.3	2674	64	230	176	3.594	1.307	0.364	11.5	24.28
8836	40.8272	117.4686	-102.3	392	QOA1	0	0	0	0	83	23.3	2717	56	208	191	3.714	1.089	0.293	11.5	24.28
8837	40.8267	117.4686	-98.5	390	QOA1	0	0	0	0	85	23.3	2646	60	193	205	3.217	0.941	0.293	11.5	24.28
8838	40.8262	117.4686	-98.5	390	QOA1	0	0	0	0	76	23.3	2810	63	253	191	4.016	1.325	0.330	11.5	24.28
8839	40.8258	117.4686	-97.3	389	QOA1	0	0	0	0	86	23.2	2668	61	239	231	3.918	1.035	0.264	11.4	24.28
8840	40.8253	117.4686	-89.2	393	TRD	0	0	0	0	86	17.9	2737	69	144	293	2.087	0.491	0.235	11.4	24.28
8841	40.8248	117.4686	-84.3	392	TRD	0	0	0	0	82	17.9	2827	70	129	287	1.843	0.449	0.244	11.4	24.28
8842	40.8244	117.4686	-81.5	396	TRD	0	0	0	0	87	17.9	2782	73	149	248	2.041	0.601	0.294	11.4	24.28
8843	40.8239	117.4686	-71.5	392	TRD	0	0	0	0	77	17.9	2910	64	175	294	2.734	0.595	0.218	11.3	24.27
8844	40.8234	117.4686	-63.7	393	TRD	0	0	0	0	74	17.9	2808	73	159	241	2.178	0.660	0.303	11.3	24.28
8845	40.8229	117.4686	-60.0	388	TRD	0	0	0	0	78	17.9	2773	87	156	244	1.793	0.639	0.357	11.4	24.28
8846	40.8225	117.4686	-50.5	389	TRD	0	0	0	0	76	17.9	2737	80	206	199	2.575	1.035	0.402	11.4	24.28
8847	40.8220	117.4686	-48.0	383	TRD	0	0	0	0	85	17.8	2897	63	153	232	2.429	0.659	0.272	11.3	24.28
8848	40.8215	117.4686	-44.0	388	TRD	0	0	0	0	83	17.9	2760	66	232	182	3.515	1.275	0.363	11.4	24.28
8849	40.8211	117.4686	-41.3	383	TRD	0	0	0	0	69	17.8	2854	78	207	212	2.654	0.976	0.368	11.4	24.28
8850	40.8206	117.4686	-45.0	385	TRD	0	0	0	0	78	17.8	2749	72	161	223	2.236	0.722	0.323	11.4	24.28
8851	40.8201	117.4685	-45.8	383	TRD	0	0	0	0	74	17.8	2714	62	238	196	3.839	1.214	0.316	11.4	24.27
8852	40.8197	117.4685	-44.3	385	TRD	0	0	0	0	77	17.8	2781	46	290	210	6.304	1.381	0.219	11.5	24.27
8853	40.8192	117.4685	-47.3	386	TRD	0	0	0	0	80	17.8	2916	66	183	252	2.773	0.726	0.262	11.5	24.27
8854	40.8187	117.4685	-49.0	384	TRD	0	0	0	0	78	17.8	2770	79	174	206	2.203	0.845	0.383	11.6	24.27
8855	40.8182	117.4685	-49.2	388	TRD	0	0	0	0	80	17.9	2815	85	143	236	1.682	0.606	0.360	11.6	24.27
8856	40.8178	117.4685	-54.0	386	TRD	0	0	0	0	84	17.8	3037	70	147	299	2.100	0.492	0.234	11.6	24.27
8857	40.8173	117.4685	-54.5	384	TRD	0	0	0	0	83	17.8	2805	74	295	161	3.986	1.832	0.460	11.6	24.27
8858	40.8168	117.4685	-53.3	384	TRD	0	0	0	0	87	17.8	2816	74	242	181	3.270	1.337	0.409	11.6	24.27

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
8859	40.8164	117.4685	-54.0	384	TRD	0	0	0	0	76	21.6	2712	74	138	247	1.865	0.559	0.300	11.6	24.26
8860	40.8159	117.4685	-46.7	384	TRD	0	0	0	0	83	21.6	2744	61	214	202	3.508	1.059	0.302	11.7	24.27
8861	40.8154	117.4685	-41.2	389	TRD	0	0	0	0	88	21.6	2788	65	174	236	2.677	0.737	0.275	11.7	24.26
8862	40.8149	117.4685	-35.9	393	TRD	0	0	0	0	83	21.7	2796	67	204	233	3.045	0.876	0.288	11.7	24.26
8863	40.8145	117.4685	-29.5	408	TRD	0	0	0	0	82	21.7	2843	69	183	203	2.652	0.901	0.340	11.7	24.26
8864	40.8140	117.4685	-21.7	415	TRD	0	0	0	0	84	21.7	2830	64	185	236	2.891	0.784	0.271	11.7	24.25
8865	40.8135	117.4685	-14.9	425	TRD	0	0	0	0	84	21.8	2900	75	164	240	2.187	0.683	0.313	11.8	24.25
8866	40.8131	117.4685	-7.6	423	TRD	0	0	0	0	87	21.8	2775	60	180	279	3.000	0.645	0.215	11.8	24.25
8867	40.8126	117.4685	2.4	428	TRD	0	0	0	0	87	21.8	2694	65	159	202	2.446	0.787	0.322	11.8	24.25
8868	40.8121	117.4685	10.4	429	TRD	0	0	0	0	96	21.8	2751	74	252	137	3.405	1.839	0.540	11.8	24.25
8869	40.8116	117.4685	19.9	432	TRD	0	0	0	0	77	21.8	2652	82	122	238	1.488	0.513	0.345	11.8	24.25
8870	40.8112	117.4685	26.1	426	QOA1	0	0	0	0	94	21.8	2695	66	222	148	3.364	1.500	0.446	11.8	24.25
8871	40.8107	117.4685	36.4	421	QOA1	0	0	0	0	77	21.8	2783	63	157	257	2.492	0.611	0.245	11.9	24.25
8872	40.8102	117.4685	43.3	419	QOA1	0	0	0	0	95	21.8	2744	81	148	170	1.827	0.871	0.476	11.8	24.25
8873	40.8098	117.4685	60.3	419	QOA1	0	0	0	0	87	21.8	2845	65	262	168	4.031	1.560	0.387	11.8	24.25
8874	40.8093	117.4685	69.7	433	QOA1	0	0	0	0	90	21.8	2691	73	162	179	2.219	0.905	0.408	11.9	24.25
8875	40.8088	117.4685	76.0	437	QOA1	0	0	0	0	74	21.8	2624	85	153	195	1.800	0.785	0.436	11.9	24.24
8876	40.8083	117.4684	82.8	440	QOA1	0	0	0	0	76	21.8	2771	70	143	273	2.043	0.524	0.256	12.0	24.24
8877	40.8079	117.4684	91.3	446	QOA1	0	0	0	0	74	21.9	2847	75	212	193	2.827	1.098	0.389	12.0	24.24
8878	40.8074	117.4684	101.4	455	QOA1	0	0	0	0	74	24.7	2861	83	228	199	2.747	1.146	0.417	12.1	24.24
8879	40.8069	117.4684	112.7	457	QOA1	0	0	0	0	83	24.7	2695	57	163	218	2.860	0.748	0.261	12.1	24.24
8880	40.8065	117.4684	118.0	468	PIPA	0	0	0	0	86	24.7	2674	81	135	213	1.667	0.634	0.380	12.1	24.23
8881	40.8060	117.4684	124.8	469	PIPA	0	0	0	0	80	24.7	2726	55	148	245	2.691	0.604	0.224	12.1	24.23
8882	40.8055	117.4684	132.4	481	PIPA	0	0	0	0	81	24.8	2705	61	191	208	3.131	0.918	0.293	12.2	24.23
8883	40.8051	117.4684	134.9	483	PIPA	0	0	0	0	87	24.8	2727	59	226	154	3.831	1.468	0.383	12.2	24.22
8884	40.8046	117.4684	139.4	487	PIPA	0	0	0	0	83	24.8	3079	82	146	213	1.780	0.685	0.385	12.2	24.22
8885	40.8041	117.4684	164.5	487	PIPA	0	0	0	0	78	24.8	2625	68	194	131	2.853	1.481	0.519	12.2	24.21
8886	40.8036	117.4684	172.0	485	PIPA	0	0	0	0	78	24.8	2495	59	142	191	2.407	0.743	0.309	12.3	24.20
8887	40.8032	117.4684	181.9	484	PIPA	0	0	0	0	73	24.8	2468	62	189	151	3.048	1.252	0.411	12.3	24.19
8888	40.8027	117.4684	195.2	483	PIPA	0	0	0	0	81	24.8	2811	70	197	174	2.814	1.132	0.402	12.3	24.18
8889	40.8022	117.4684	210.6	477	PIPA	0	0	0	0	81	24.8	2764	57	96	240	1.684	0.400	0.238	12.3	24.17
8890	40.8018	117.4684	219.1	470	PIPA	0	0	0	0	88	24.7	2212	41	136	169	3.317	0.805	0.243	12.4	24.17
8891	40.8013	117.4684	231.9	452	PIPA	0	0	0	0	82	24.6	2201	57	85	199	1.491	0.427	0.286	12.4	24.17
8892	40.8008	117.4684	242.6	440	PIPA	0	0	0	0	73	24.6	2231	61	120	160	1.967	0.750	0.381	12.4	24.16
8893	40.8003	117.4684	259.8	437	PIPA	0	0	0	0	80	24.6	2172	64	83	204	1.297	0.407	0.314	12.4	24.15
8894	40.7999	117.4684	277.1	438	PIPA	0	0	0	0	79	24.6	2151	46	131	153	2.848	0.856	0.301	12.4	24.14
8895	40.7994	117.4684	286.6	444	PIPA	0	0	0	0	83	24.6	2137	49	126	148	2.571	0.851	0.331	12.3	24.12
8896	40.7989	117.4684	296.2	445	PIPA	0	0	0	0	92	24.6	2074	44	139	167	3.159	0.832	0.263	12.3	24.11
8897	40.7985	117.4684	305.4	448	PIPA	0	0	0	0	86	26.2	2186	53	66	210	1.245	0.314	0.252	12.3	24.10
8898	40.7980	117.4684	320.2	448	PIPA	0	0	0	0	75	26.2	2193	49	121	180	2.469	0.672	0.272	12.3	24.09
8899	40.7975	117.4684	327.5	455	PIPA	0	0	0	0	87	26.2	2165	44	105	192	2.386	0.547	0.229	12.2	24.08
8900	40.7970	117.4684	339.1	464	IPP1	0	0	0	0	87	26.3	2103	48	119	137	2.479	0.869	0.350	12.2	24.07
8901	40.7966	117.4683	345.7	483	IPP1	0	0	0	0	81	26.4	2139	50	134	142	2.680	0.944	0.352	12.1	24.06
8902	40.7961	117.4683	351.6	490	IPP1	0	0	0	0	90	26.4	2116	58	96	143	1.655	0.671	0.406	12.1	24.06
8903	40.7956	117.4683	354.1	492	IPP1	0	0	0	0	87	26.4	2264	50	109	159	2.180	0.686	0.314	12.1	24.06
8904	40.7952	117.4683	355.6	493	IPP1	0	0	0	0	85	26.4	2039	51	137	128	2.686	1.070	0.398	12.0	24.05
8905	40.7947	117.4683	358.1	493	IPP1	0	0	0	0	92	26.4	2210	55	80	167	1.455	0.479	0.329	11.9	24.05
8906	40.7942	117.4683	357.6	491	IPP1	0	0	0	0	88	26.4	2307	68	85	153	1.250	0.556	0.444	11.9	24.05
8907	40.7937	117.4683	361.1	489	IPP1	0	0	0	0	80	26.4	2185	57	118	160	2.070	0.737	0.356	11.8	24.05
8908	40.7933	117.4683	361.8	493	IPP1	0	0	0	0	85	26.4	2228	61	95	176	1.557	0.540	0.347	11.8	24.05
8909	40.7928	117.4683	366.6	496	IPP1	0	0	0	0	78	26.5	2372	51	159	160	3.118	0.994	0.319	11.7	24.04
8910	40.7923	117.4683	375.4	495	IPP1	0	0	0	0	79	26.5	2295	46	178	132	3.870	1.348	0.348	11.7	24.03
8911	40.7919	117.4683	381.6	491	IPP1	0	0	0	0	85	26.4	2348	59	125	185	2.119	0.676	0.319	11.6	24.02
8912	40.7914	117.4683	385.9	491	IPP1	0	0	0	0	83	26.4	2467	36	181	198	5.028	0.914	0.182	11.5	24.02

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
8913	40.7909	117.4683	391.6	487	IPP1	0	0	0	0	88	26.4	2402	84	40	174	0.476	0.230	0.483	11.5	24.00
8914	40.7905	117.4683	400.1	490	IPP1	0	0	0	0	89	26.4	2379	56	95	213	1.696	0.446	0.263	11.4	23.99
8915	40.7900	117.4683	401.3	488	IPP1	0	0	0	0	89	26.4	2371	44	150	186	3.409	0.806	0.237	11.4	23.98
8916	40.7895	117.4683	402.1	487	IPP1	0	0	0	0	85	25.0	2416	73	63	236	0.863	0.267	0.309	11.3	23.97
8917	40.7890	117.4683	400.8	485	IPP1	0	0	0	0	82	25.0	2353	56	142	143	2.536	0.993	0.392	11.3	23.96
8918	40.7886	117.4683	400.1	486	IPP1	0	0	0	0	90	25.0	2451	61	141	158	2.311	0.892	0.386	11.3	23.95
8919	40.7881	117.4683	388.0	474	IPP1	0	0	0	0	86	24.9	2448	71	71	226	1.000	0.314	0.314	11.2	23.94
8920	40.7876	117.4683	376.4	463	IPP1	0	0	0	0	88	24.9	2371	43	118	208	2.744	0.567	0.207	11.2	23.94
8921	40.7872	117.4683	364.1	454	IPP1	0	0	0	0	73	24.8	2234	45	145	164	3.222	0.884	0.274	11.1	23.93
8922	40.7867	117.4683	344.4	458	IPP1	0	0	0	0	88	24.8	2238	30	197	148	6.567	1.331	0.203	11.1	23.92
8923	40.7862	117.4683	294.9	463	IPP1	0	0	0	0	77	24.9	2322	53	69	223	1.302	0.309	0.238	11.0	23.91
8924	40.7857	117.4683	275.9	457	IPP1	0	0	0	0	80	24.8	2322	46	160	148	3.478	1.081	0.311	11.0	23.89
8925	40.7853	117.4683	250.2	442	IPP1	0	0	0	0	95	24.7	2263	49	141	146	2.878	0.966	0.336	10.9	23.88
8926	40.7848	117.4682	229.5	411	IPP1	0	0	0	0	77	24.6	2284	52	170	155	3.269	1.097	0.335	10.9	23.87
8927	40.7843	117.4682	209.8	383	IPP1	0	0	0	0	90	24.4	2213	45	158	145	3.511	1.090	0.310	10.8	23.86
8928	40.7839	117.4682	190.8	381	IPP1	0	0	0	0	92	24.4	2159	38	159	139	4.184	1.144	0.273	10.8	23.85
8929	40.7834	117.4682	174.2	403	IPP1	0	0	0	0	78	24.5	2157	33	213	152	6.455	1.401	0.217	10.7	23.84
8930	40.7829	117.4682	158.0	437	IPP1	0	0	0	0	95	24.7	2251	34	205	112	6.029	1.830	0.304	10.7	23.83
8931	40.7824	117.4682	142.1	480	IPP1	0	0	0	0	82	24.9	2295	39	212	124	5.436	1.710	0.315	10.6	23.83
8932	40.7820	117.4682	125.7	494	IPP1	0	0	0	0	84	25.0	2315	50	154	161	3.080	0.957	0.311	10.6	23.82
8933	40.7815	117.4682	113.4	493	IPP1	0	0	0	0	81	25.0	2091	55	132	142	2.400	0.930	0.387	10.5	23.81
8934	40.7810	117.4682	103.4	487	IPP1	0	0	0	0	92	25.0	2237	38	126	190	3.316	0.663	0.200	10.5	23.79
8935	40.7806	117.4682	84.7	486	IPP1	0	0	0	0	90	25.2	2101	55	97	150	1.764	0.647	0.367	10.4	23.79
8936	40.7801	117.4682	73.4	491	IPP1	0	0	0	0	90	25.3	1972	37	90	146	2.432	0.616	0.253	10.4	23.79
8937	40.7796	117.4682	62.0	497	IPP1	0	0	0	0	95	25.3	2044	43	149	102	3.465	1.461	0.422	10.4	23.79
8938	40.7791	117.4682	51.6	508	IPP1	0	0	0	0	81	25.3	1965	39	130	82	3.333	1.585	0.476	10.3	23.79
8939	40.7787	117.4682	43.7	577	IPP1	0	0	0	0	90	25.7	2283	33	96	178	2.909	0.539	0.185	10.3	23.79
8940	40.7782	117.4682	34.1	571	QOA1	0	0	1	0	90	25.7	2143	54	22	193	0.407	0.114	0.280	10.2	23.79
8941	40.7777	117.4682	27.4	543	QOA1	0	0	0	0	89	25.5	2217	47	45	156	0.957	0.288	0.301	10.2	23.80
8942	40.7773	117.4682	20.4	543	QOA1	0	0	0	0	99	25.5	2070	34	115	123	3.382	0.935	0.276	10.2	23.80
8943	40.7768	117.4682	15.0	559	QOA1	0	0	0	0	96	25.6	2195	20	187	77	9.350	2.429	0.260	10.1	23.81
8944	40.7763	117.4682	9.4	570	QOA1	0	0	0	0	99	25.7	2325	41	85	161	2.073	0.528	0.255	10.1	23.83
8945	40.7759	117.4682	4.6	593	QYA	0	0	0	0	86	25.8	1986	54	91	134	1.685	0.679	0.403	10.1	23.83
8946	40.7754	117.4682	0.0	617	QYA	0	0	0	0	86	25.9	2012	50	62	139	1.240	0.446	0.360	10.2	23.85
8947	40.7749	117.4682	-6.1	657	QYA	0	0	0	0	90	26.1	2116	35	59	167	1.686	0.353	0.210	10.1	23.86
8948	40.7744	117.4682	-13.2	678	QYA	0	0	0	0	95	26.1	2259	36	106	83	2.944	1.277	0.434	10.1	23.87
8949	40.7740	117.4682	-18.7	683	QYA	0	0	0	0	81	26.2	2073	43	130	131	3.023	0.992	0.328	10.1	23.88
8950	40.7735	117.4681	-23.0	677	QYA	0	0	0	0	84	26.1	2007	21	118	155	5.619	0.761	0.135	10.0	23.89
8951	40.7730	117.4681	-28.6	714	QYA	1	0	0	0	89	26.3	2115	27	65	190	2.407	0.342	0.142	10.1	23.90
8952	40.7726	117.4681	-32.4	747	QYA	1	0	0	0	87	26.4	2101	42	31	171	0.738	0.181	0.246	10.0	23.91
8953	40.7721	117.4681	-33.7	765	QYA	1	0	0	0	88	26.5	2207	48	87	96	1.813	0.906	0.500	10.0	23.92
8954	40.7716	117.4681	-40.1	782	QYA	1	0	0	0	86	27.6	2235	15	76	170	5.067	0.447	0.083	9.9	23.94
8955	40.7711	117.4681	-42.5	766	QOA1	1	0	0	0	84	27.5	2159	51	56	167	1.098	0.335	0.305	9.9	23.96
8956	40.7707	117.4681	-47.1	771	QOA1	1	0	0	0	85	27.6	2153	29	115	111	3.966	1.036	0.261	9.9	23.99
8957	40.7702	117.4681	-51.5	755	QOA1	1	0	0	0	82	27.5	1995	28	167	101	5.964	1.653	0.277	9.9	24.01
8958	40.7697	117.4681	-55.8	750	QOA1	1	0	0	0	83	27.5	2101	48	103	81	2.146	1.272	0.593	9.8	24.03
8959	40.7693	117.4681	-59.1	721	QOA1	1	0	0	0	79	27.3	1965	44	78	108	1.773	0.722	0.407	9.8	24.05
8960	40.7688	117.4681	-68.7	731	QOA1	1	0	0	0	84	27.4	1917	39	123	56	3.154	2.196	0.696	9.8	24.06
8961	40.7683	117.4681	-73.0	759	QOA1	1	0	0	0	80	27.5	2102	41	136	73	3.317	1.863	0.562	9.8	24.08
8962	40.7678	117.4681	-78.3	781	QOA1	1	0	0	0	85	27.6	2240	64	58	164	0.906	0.354	0.390	9.8	24.09
8963	40.7674	117.4681	-82.3	778	QOA1	1	0	0	0	88	27.6	2392	53	118	120	2.226	0.983	0.442	9.8	24.11
8964	40.7669	117.4681	-88.8	774	QOA1	1	0	0	0	77	27.6	2378	57	109	121	1.912	0.901	0.471	9.8	24.13
8965	40.7664	117.4681	-92.0	762	QOA1	1	0	0	0	93	27.5	2097	31	132	86	4.258	1.535	0.360	9.8	24.14
8966	40.7660	117.4681	-96.7	754	QOA1	1	0	0	0	81	27.5	2353	57	119	141	2.088	0.844	0.404	9.8	24.15

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
8967	40.7655	117.4681	-104.0	750	QOA1	1	0	0	0	86	27.5	2200	56	71	148	1.268	0.480	0.378	9.8	24.16
8968	40.7650	117.4681	-107.9	738	QOA1	1	0	0	0	84	27.4	2232	48	128	132	2.667	0.970	0.364	9.8	24.17
8969	40.7645	117.4681	-113.5	726	QOA1	1	0	0	0	79	27.4	2288	59	104	155	1.763	0.671	0.381	9.8	24.19
8970	40.7641	117.4681	-120.6	709	QOA1	1	0	0	0	90	27.3	2571	45	122	189	2.711	0.646	0.238	9.7	24.20
8971	40.7636	117.4681	-124.2	698	QOA1	0	0	0	0	88	27.2	2740	64	92	160	1.438	0.575	0.400	9.7	24.21
8972	40.7631	117.4681	-131.6	679	QOA1	0	0	0	0	87	27.2	2356	50	147	165	2.940	0.891	0.303	9.7	24.23
8973	40.7627	117.4681	-141.0	665	QOA1	0	0	0	0	92	27.4	2367	54	83	184	1.537	0.451	0.293	9.8	24.24
8974	40.7622	117.4681	-147.1	645	QOA1	0	0	0	0	80	27.3	2517	60	111	202	1.850	0.550	0.297	9.8	24.25
8975	40.7617	117.4681	-151.6	645	QOA1	0	0	0	0	93	27.3	2669	73	77	200	1.055	0.385	0.365	9.8	24.26
8976	40.7613	117.4680	-156.7	639	QOA1	0	0	0	0	84	27.3	2741	63	30	240	0.476	0.125	0.262	9.8	24.27
8977	40.7608	117.4680	-158.7	635	QOA1	0	0	0	0	81	27.3	2438	69	106	218	1.536	0.486	0.317	9.8	24.28
8978	40.7603	117.4680	-164.3	614	QOA1	0	0	0	0	79	27.2	2523	35	242	129	6.914	1.876	0.271	9.8	24.28
8979	40.7598	117.4680	-168.1	618	QOA1	0	0	0	0	83	27.2	2703	69	49	225	0.710	0.218	0.307	9.9	24.30
8980	40.7594	117.4680	-172.2	629	QOA1	0	0	0	0	80	27.3	2567	52	123	223	2.365	0.552	0.233	9.9	24.31
8981	40.7589	117.4680	-175.6	618	QOA1	0	0	0	0	92	27.2	2522	60	126	150	2.100	0.840	0.400	9.9	24.31
8982	40.7584	117.4680	-178.9	600	QOA1	0	0	0	0	83	27.1	2487	58	145	186	2.132	0.780	0.366	10.0	24.31
8983	40.7580	117.4680	-181.8	592	QOA1	0	0	0	0	82	27.1	2989	64	126	167	1.969	0.754	0.383	10.0	24.32
8984	40.7575	117.4680	-185.3	590	QOA1	0	0	0	0	80	27.1	2762	78	183	118	2.346	1.551	0.661	10.0	24.33
8985	40.7570	117.4680	-187.0	588	QOA1	0	0	0	0	76	27.1	2645	55	165	161	3.000	1.025	0.342	10.0	24.34
8986	40.7565	117.4680	-188.5	562	QOA1	0	0	0	0	73	26.9	2586	67	202	115	3.015	1.757	0.583	10.0	24.36
8987	40.7561	117.4680	-192.6	546	QOA1	0	0	0	0	84	26.8	2690	59	169	167	2.864	1.012	0.353	10.0	24.37
8988	40.7556	117.4680	-193.4	541	QOA1	0	0	0	0	81	26.8	2655	77	115	163	1.494	0.706	0.472	10.1	24.39
8989	40.7551	117.4680	-195.1	523	QOA1	0	0	0	0	87	26.7	2944	68	98	203	1.441	0.483	0.335	10.1	24.40
8990	40.7547	117.4680	-198.1	518	QOA1	0	0	0	0	84	26.7	2682	73	134	199	1.836	0.673	0.367	10.1	24.41
8991	40.7542	117.4680	-197.7	507	QOA1	0	0	0	0	89	26.6	2658	54	124	195	2.296	0.636	0.277	10.2	24.41
8992	40.7537	117.4680	-197.6	514	QOA1	0	0	0	0	77	27.0	2464	46	205	160	4.457	1.281	0.288	10.2	24.42
8993	40.7532	117.4680	-196.5	501	QOA1	0	0	0	0	86	26.9	2567	49	182	176	3.714	1.034	0.278	10.2	24.43
8994	40.7528	117.4680	-197.4	509	QOA1	0	0	0	0	84	27.0	2737	60	159	200	2.650	0.795	0.300	10.3	24.43
8995	40.7523	117.4680	-197.5	500	QOA1	0	0	0	0	79	26.9	2511	71	174	176	2.451	0.989	0.403	10.3	24.44
8996	40.7518	117.4680	-198.0	501	QOA1	0	0	0	0	85	26.9	2767	39	169	228	4.333	0.741	0.171	10.3	24.44
8997	40.7514	117.4680	-197.5	498	QOA1	0	0	0	0	84	26.9	2567	81	129	227	1.593	0.568	0.357	10.3	24.45
8998	40.7509	117.4680	-199.0	498	QOA1	0	0	0	0	77	26.9	2835	84	95	249	1.131	0.382	0.337	10.4	24.45
8999	40.7504	117.4680	-198.3	495	QOA1	0	0	0	0	81	26.9	2564	75	139	191	1.853	0.728	0.393	10.4	24.46
9000	40.7500	117.4679	-200.0	495	QYA	0	0	0	0	82	26.9	2550	78	103	226	1.321	0.456	0.345	10.5	24.47
9001	40.7495	117.4679	-199.3	494	QYA	0	0	0	0	83	26.9	2949	56	182	200	3.250	0.910	0.280	10.5	24.47
9002	40.7490	117.4679	-198.5	493	QYA	0	0	0	0	85	26.9	2749	68	196	197	2.882	0.995	0.345	10.6	24.49
9003	40.7485	117.4679	-198.8	490	QYA	0	0	0	0	87	26.9	2695	84	87	243	1.036	0.358	0.346	10.6	24.49
9004	40.7481	117.4679	-199.5	489	QYA	0	0	0	0	85	26.9	2889	79	184	228	2.329	0.807	0.346	10.7	24.51
9005	40.7476	117.4679	-197.8	489	QYA	0	0	0	0	84	26.9	2796	81	173	177	2.136	0.977	0.458	10.8	24.51
9006	40.7471	117.4679	-198.3	489	QYA	0	0	0	0	72	26.9	3021	74	241	194	3.257	1.242	0.381	10.8	24.52
9007	40.7467	117.4679	-197.8	486	QYA	0	0	0	0	76	26.8	2846	60	167	249	2.783	0.671	0.241	10.8	24.53
9008	40.7462	117.4679	-196.3	483	QYA	0	0	0	0	72	26.8	2821	60	192	263	3.200	0.730	0.228	10.8	24.54
9009	40.7457	117.4679	-197.1	479	QYA	0	0	0	0	68	26.8	2821	58	197	238	3.397	0.828	0.244	10.8	24.55
9010	40.7452	117.4679	-199.2	470	QYA	0	0	0	0	80	26.7	2721	73	196	209	2.685	0.938	0.349	10.9	24.56
9011	40.7448	117.4679	-197.7	463	QYA	0	0	0	0	82	12.6	2940	62	176	233	2.839	0.755	0.266	10.9	24.56
9012	40.7443	117.4679	-202.3	451	QYA	0	0	0	0	76	19.5	2650	59	188	231	3.186	0.814	0.255	11.0	24.57
9013	40.7438	117.4679	-202.1	449	QYA	0	0	0	0	69	19.5	2684	66	183	234	2.773	0.782	0.282	11.0	24.57
9014	40.7434	117.4679	-203.4	443	QYA	0	0	0	0	80	19.5	2859	73	160	214	2.192	0.748	0.341	11.1	24.58
9015	40.7429	117.4679	-200.8	447	QYA	0	0	0	0	77	19.5	2647	94	122	209	1.298	0.584	0.450	11.1	24.58
9016	40.7424	117.4679	-203.4	443	QYA	0	0	0	0	85	19.5	2704	72	207	190	2.875	1.089	0.379	11.1	24.58
9017	40.7419	117.4679	-203.3	446	QYA	0	0	0	0	73	19.5	2631	51	192	215	3.765	0.893	0.237	11.1	24.58
9018	40.7415	117.4679	-205.4	444	QYA	0	0	0	0	79	19.5	2803	73	140	266	1.918	0.526	0.274	11.1	24.58
9019	40.7410	117.4679	-207.5	450	QYA	0	0	0	0	83	19.5	2659	62	188	237	3.032	0.793	0.262	11.1	24.59
9020	40.7405	117.4679	-209.3	447	QYA	0	0	0	0	75	19.5	2794	80	196	215	2.450	0.912	0.372	11.2	24.59

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
9021	40.7401	117.4679	-208.8	447	QYA	0	0	0	0	76	19.5	2795	50	222	245	4.440	0.906	0.204	11.2	24.59
9022	40.7396	117.4679	-209.1	446	QYA	0	0	0	0	71	19.5	2647	62	189	258	3.048	0.733	0.240	11.3	24.59
9023	40.7391	117.4679	-211.1	444	QYA	0	0	0	0	77	19.5	2948	72	157	237	2.181	0.662	0.304	11.3	24.58
9024	40.7386	117.4679	-211.6	443	QYA	0	0	0	0	84	19.5	2820	68	146	259	2.147	0.564	0.263	11.3	24.59
9025	40.7382	117.4678	-210.8	444	QYA	0	0	0	0	73	19.5	2711	80	161	224	2.012	0.719	0.357	11.2	24.58
9026	40.7377	117.4678	-210.8	451	QYA	0	0	0	0	78	19.5	2968	85	120	280	1.412	0.429	0.304	11.3	24.58
9027	40.7372	117.4678	-212.5	455	QYA	0	0	0	0	86	19.5	28.9	81	134	245	1.654	0.547	0.331	11.3	24.58
9028	40.7368	117.4678	-213.4	459	QYA	0	0	0	0	75	19.6	3141	61	182	235	2.984	0.774	0.260	11.3	24.57
9029	40.7363	117.4678	-212.2	458	QYA	0	0	0	0	79	19.6	2921	67	137	301	2.045	0.455	0.223	11.3	24.57
9030	40.7358	117.4678	-211.9	467	QYA	0	0	0	0	81	13.8	2863	69	217	226	3.145	0.960	0.305	11.3	24.56
9031	40.7354	117.4678	-213.1	466	QYA	0	0	0	0	85	13.8	2906	59	154	266	2.610	0.579	0.222	11.3	24.56
9032	40.7349	117.4678	-212.3	470	QYA	0	0	0	0	77	13.8	2984	64	222	219	3.469	1.014	0.292	11.3	24.56
9033	40.7344	117.4678	-213.9	465	QYA	0	0	0	0	84	13.8	2951	53	192	292	3.623	0.658	0.182	11.3	24.56
9034	40.7339	117.4678	-215.5	476	QYA	0	0	0	0	89	13.8	3154	68	143	278	2.103	0.514	0.245	11.3	24.56
9035	40.7335	117.4678	-215.7	483	QYA	0	0	0	0	76	13.8	2683	79	171	225	2.165	0.760	0.351	11.3	24.55
9036	40.7330	117.4678	-216.4	486	QYA	0	0	0	0	76	13.8	2688	61	231	201	3.787	1.149	0.303	11.4	24.53
9037	40.7325	117.4678	-214.2	485	QYA	0	0	0	0	83	13.8	2604	57	100	290	1.754	0.345	0.197	11.4	24.54
9038	40.7321	117.4678	-214.4	483	QYA	0	0	0	0	74	13.8	2576	72	147	243	2.042	0.605	0.296	11.4	24.55
9039	40.7316	117.4678	-214.3	470	QYA	0	0	0	0	93	13.8	2581	70	126	208	1.800	0.606	0.337	11.4	24.56
9040	40.7311	117.4678	-214.8	464	QQA1	0	0	0	0	86	13.8	2798	63	188	226	2.984	0.832	0.279	11.4	24.56
9041	40.7306	117.4678	-214.4	456	QQA1	0	0	0	0	81	13.8	2734	72	178	186	2.472	0.957	0.387	11.3	24.57
9042	40.7302	117.4678	-215.7	451	QQA1	0	0	0	0	76	13.8	2665	88	207	192	2.352	1.078	0.458	11.3	24.57
9043	40.7297	117.4678	-215.2	442	QQA1	0	0	0	0	71	13.9	2655	64	208	229	3.250	0.908	0.279	11.2	24.58
9044	40.7292	117.4678	-216.8	433	QQA1	0	0	0	0	82	13.9	2632	78	162	214	2.077	0.757	0.364	11.2	24.58
9045	40.7288	117.4678	-216.6	429	QQA1	0	0	0	0	77	13.9	2731	54	158	258	2.926	0.612	0.209	11.2	24.59
9046	40.7283	117.4678	-215.9	423	QQA1	0	0	0	0	82	13.9	2604	65	140	255	2.154	0.549	0.255	11.2	24.59
9047	40.7278	117.4678	-217.2	420	QQA1	0	0	0	0	77	13.9	2613	47	258	219	5.489	1.178	0.215	11.2	24.59
9048	40.7273	117.4678	-216.5	414	QQA1	0	0	0	0	72	13.9	2695	82	118	258	1.439	0.457	0.318	11.2	24.60
9049	40.7269	117.4678	-216.5	409	QQA1	0	0	0	0	76	12.0	2636	60	207	211	3.450	0.981	0.284	11.2	24.61
9050	40.7264	117.4677	-216.0	402	QQA1	0	0	0	0	83	12.0	2821	77	180	221	2.338	0.814	0.348	11.2	24.61
9051	40.7259	117.4677	-216.0	402	QQA1	0	0	0	0	75	12.0	2770	81	159	220	1.963	0.723	0.368	11.1	24.61
9052	40.7255	117.4677	-215.6	394	QQA1	0	0	0	0	71	12.0	2611	74	136	247	1.838	0.551	0.300	11.1	24.62
9053	40.7250	117.4677	-215.6	393	QQA1	0	0	0	0	82	12.0	2635	56	281	187	5.018	1.503	0.299	11.2	24.62
9054	40.7245	117.4677	-214.9	390	QQA1	0	0	0	0	83	12.1	2802	71	177	216	2.493	0.819	0.329	11.1	24.63
9055	40.7240	117.4677	-214.1	394	QQA1	0	0	0	0	76	12.0	2672	65	177	231	2.723	0.766	0.281	11.2	24.62
9056	40.7236	117.4677	-211.7	385	QQA1	0	0	0	0	78	12.1	2771	77	141	250	1.831	0.564	0.308	11.1	24.62
9057	40.7231	117.4677	-212.7	382	QQA1	0	0	0	0	70	12.1	2677	80	132	260	1.650	0.508	0.308	11.2	24.62
9058	40.7226	117.4677	-210.2	375	QQA1	0	0	0	0	80	12.1	2930	58	239	238	4.121	1.004	0.244	11.2	24.63
9059	40.7222	117.4677	-208.5	373	QQA1	0	0	0	0	80	12.1	2729	57	227	244	3.982	0.930	0.234	11.3	24.63
9060	40.7217	117.4677	-208.2	374	QQA1	0	0	0	0	74	12.1	2753	74	174	234	2.351	0.744	0.316	11.3	24.63
9061	40.7212	117.4677	-207.0	372	QQA1	0	0	0	0	75	12.1	2907	88	102	272	1.159	0.375	0.324	11.3	24.63
9062	40.7208	117.4677	-203.0	375	QQA1	0	0	0	0	84	12.1	2617	54	223	254	4.130	0.878	0.213	11.4	24.63
9063	40.7203	117.4677	-202.5	373	QQA1	0	0	0	0	79	12.1	2802	77	186	243	2.416	0.765	0.317	11.4	24.63
9064	40.7198	117.4677	-198.0	372	QQA1	0	0	0	0	77	12.1	2740	94	102	211	1.085	0.483	0.445	11.4	24.63
9065	40.7193	117.4677	-194.8	369	QQA1	0	0	0	0	82	12.1	2632	50	248	209	4.960	1.187	0.239	11.5	24.63
9066	40.7189	117.4677	-193.3	367	QQA1	0	0	0	0	72	12.1	2847	60	284	165	4.733	1.721	0.364	11.5	24.63
9067	40.7184	117.4677	-190.3	361	QQA1	0	0	0	0	79	12.1	2640	63	188	214	2.984	0.879	0.294	11.6	24.64
9068	40.7179	117.4677	-189.6	358	QQA1	0	0	0	0	81	15.4	2623	59	213	199	3.610	1.070	0.296	11.6	24.64
9069	40.7175	117.4677	-187.2	347	QQA1	0	0	0	0	83	15.4	2579	60	184	201	3.067	0.915	0.299	11.7	24.64
9070	40.7170	117.4677	-182.2	345	QQA1	0	0	0	0	89	15.4	2587	62	230	193	3.710	1.192	0.321	11.7	24.64
9071	40.7165	117.4677	-175.9	340	QQA1	0	0	0	0	79	15.4	2543	74	109	241	1.473	0.452	0.307	11.8	24.64
9072	40.7160	117.4677	-173.2	342	QQA1	0	0	0	0	75	15.4	2635	73	136	246	1.863	0.553	0.297	11.8	24.65
9073	40.7156	117.4677	-163.0	338	QQA1	0	0	0	0	83	15.4	2776	76	140	248	1.842	0.565	0.306	11.9	24.65
9074	40.7151	117.4677	-155.7	342	QQA1	0	0	0	0	80	15.4	2573	54	198	226	3.667	0.876	0.239	11.9	24.65

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
9075	40.7146	117.4676	-149.6	345	QOA1	0	0	0	0	67	15.4	2592	39	211	268	5.410	0.787	0.146	11.8	24.64
9076	40.7142	117.4676	-142.1	350	QOA1	0	0	0	0	82	15.4	2662	63	182	241	2.889	0.755	0.261	11.9	24.64
9077	40.7137	117.4676	-136.1	356	QOA1	0	0	0	0	78	15.4	2716	64	224	205	3.500	1.093	0.312	11.9	24.63
9078	40.7132	117.4676	-124.2	363	QOA1	0	0	0	0	78	15.4	2674	72	156	247	2.167	0.632	0.291	11.9	24.63
9079	40.7127	117.4676	-117.5	364	QOA1	0	0	0	0	76	15.4	2703	79	187	213	2.367	0.878	0.371	11.9	24.62
9080	40.7123	117.4676	-105.5	365	QOA1	0	0	0	0	75	15.4	2833	72	203	209	2.819	0.971	0.344	11.9	24.62
9081	40.7118	117.4676	-96.0	366	QOA1	0	0	0	0	82	15.4	2778	71	168	285	2.366	0.589	0.249	11.9	24.62
9082	40.7113	117.4676	-84.4	367	QOA1	0	0	0	0	73	15.4	3112	78	197	320	2.526	0.616	0.244	11.9	24.62
9083	40.7107	117.4676	-72.9	365	QOA1	0	0	0	0	74	15.4	3378	89	320	252	3.596	1.270	0.353	11.9	24.62
9084	40.7101	117.4676	-60.0	365	QOA1	0	0	0	0	81	15.4	3431	98	167	370	1.704	0.451	0.265	11.9	24.62
9085	40.7094	117.4676	-48.2	365	QOA1	0	0	0	0	79	15.4	3663	114	251	312	2.202	0.804	0.365	11.8	24.61
9086	40.7088	117.4676	-21.9	362	QOA1	0	0	0	0	80	15.4	3560	129	159	362	1.233	0.439	0.356	11.9	24.61
9087	40.7082	117.4677	-4.3	361	QOA1	0	0	0	0	84	22.9	3762	104	272	325	2.615	0.837	0.320	11.9	24.60
9088	40.7075	117.4677	11.0	358	QOA1	0	0	0	0	75	22.9	3615	107	296	339	2.766	0.873	0.316	11.9	24.60
9089	40.7069	117.4677	28.4	358	QOA1	0	0	0	0	75	22.9	3762	107	277	323	2.589	0.858	0.331	11.9	24.60
9090	40.7063	117.4677	43.7	356	QOA1	0	0	0	0	78	22.9	3720	116	246	365	2.121	0.674	0.318	11.9	24.60
9091	40.7056	117.4677	57.4	360	QOA1	0	0	0	0	75	22.9	3559	104	181	383	1.740	0.473	0.272	12.0	24.60
9092	40.7050	117.4677	71.9	352	QOA1	0	0	0	0	78	22.9	3538	92	232	342	2.522	0.678	0.269	12.0	24.60
9093	40.7044	117.4677	87.7	349	QOA1	0	0	0	0	73	22.8	3373	103	249	292	2.417	0.853	0.353	12.0	24.60
9094	40.7037	117.4677	100.7	342	QOA1	0	0	0	0	86	22.8	3308	101	271	215	2.683	1.260	0.470	12.0	24.60
9095	40.7031	117.4677	115.3	343	QOA1	0	0	0	0	76	22.8	3423	99	241	286	2.434	0.843	0.346	12.0	24.60
9096	40.7025	117.4677	128.4	339	QOA1	0	0	0	0	85	22.8	3285	75	253	302	3.373	0.838	0.248	12.1	24.60
9097	40.7018	117.4677	140.2	336	QOA1	0	0	0	0	73	22.8	3392	90	258	325	2.867	0.794	0.277	12.0	24.60
9098	40.7012	117.4677	159.8	334	QOA1	0	0	0	0	81	22.8	3371	89	273	275	3.067	0.993	0.324	12.0	24.59
9099	40.7006	117.4677	168.9	334	QOA1	0	0	0	0	77	22.8	3301	93	306	240	3.290	1.275	0.387	12.0	24.59
9100	40.7000	117.4677	175.0	337	QOA1	0	0	0	0	74	22.8	2991	92	178	251	1.935	0.709	0.367	12.1	24.58
9101	40.6993	117.4678	182.1	338	QOA1	0	0	0	0	77	22.8	2726	71	217	217	3.056	1.000	0.327	12.0	24.58
9102	40.6987	117.4678	187.0	341	QOA1	0	0	0	0	84	22.8	2915	86	186	265	2.163	0.702	0.325	12.0	24.57
9103	40.6981	117.4678	187.6	337	QOA1	0	0	0	0	79	22.8	2986	86	195	264	2.267	0.739	0.326	12.0	24.56
9104	40.6974	117.4678	191.9	337	QOA1	0	0	0	0	75	22.8	2878	74	239	254	3.230	0.941	0.291	12.0	24.56
9105	40.6968	117.4678	191.0	333	QOA1	0	0	0	0	84	22.8	2997	63	220	313	3.492	0.703	0.201	12.0	24.56
9106	40.6962	117.4678	183.8	334	QOA1	0	0	0	0	78	25.3	3228	86	176	340	2.047	0.518	0.253	11.9	24.55
9107	40.6955	117.4678	180.1	327	QOA1	0	0	0	0	86	25.3	3265	86	215	337	2.500	0.638	0.255	11.9	24.55
9108	40.6949	117.4678	177.0	332	QOA1	0	0	0	0	76	25.3	3390	89	247	345	2.775	0.716	0.258	11.9	24.54
9109	40.6943	117.4678	170.8	328	QOA1	0	0	0	0	69	25.3	3294	80	226	352	2.825	0.642	0.227	11.8	24.53
9110	40.6936	117.4678	163.7	333	QOA1	0	0	0	0	84	25.3	3163	100	144	371	1.440	0.388	0.270	11.8	24.52
9111	40.6930	117.4678	150.8	335	QOA1	0	0	0	0	90	25.4	3195	65	288	281	4.431	1.025	0.231	11.8	24.52
9112	40.6924	117.4678	142.7	347	QOA1	0	0	0	0	74	25.4	3113	91	209	248	2.297	0.843	0.367	11.8	24.51
9113	40.6917	117.4678	137.4	347	QOA1	0	0	0	0	75	25.4	2834	76	222	232	2.921	0.957	0.328	11.7	24.50
9114	40.6911	117.4678	128.7	356	QOA1	0	0	0	0	81	25.5	2566	57	159	243	2.789	0.654	0.235	11.7	24.49
9115	40.6905	117.4679	118.9	366	QOA1	0	0	0	0	79	25.6	2596	72	156	226	2.167	0.690	0.319	11.6	24.49
9116	40.6898	117.4679	110.7	380	QOA1	0	0	0	0	85	25.7	2451	53	102	234	1.925	0.436	0.226	11.6	24.48
9117	40.6892	117.4679	104.0	379	QOA1	0	0	0	0	85	25.6	2412	47	178	199	3.787	0.894	0.236	11.5	24.47
9118	40.6886	117.4679	101.1	384	QOA1	0	0	0	0	78	25.7	2274	55	123	178	2.236	0.691	0.309	11.5	24.46
9119	40.6879	117.4679	104.0	388	QOA1	0	0	0	0	89	25.7	2254	42	165	169	3.929	0.976	0.249	11.4	24.45
9120	40.6873	117.4679	113.6	384	QOA1	0	0	0	0	78	25.7	2298	46	193	162	4.196	1.191	0.284	11.3	24.44
9121	40.6867	117.4679	120.4	383	QOA1	0	0	0	0	83	25.7	2184	39	145	173	3.718	0.838	0.225	11.3	24.42
9122	40.6860	117.4679	126.1	366	QOA1	0	0	0	0	88	25.6	2118	39	95	194	2.436	0.490	0.201	11.2	24.41
9123	40.6854	117.4679	142.5	340	QOA1	0	0	0	0	81	25.4	2140	53	47	237	0.887	0.198	0.224	11.1	24.41
9124	40.6848	117.4679	145.5	337	QOA1	0	0	0	0	73	25.4	1946	42	99	170	2.357	0.582	0.247	11.0	24.39
9125	40.6841	117.4679	147.9	363	QOA1	0	0	0	0	88	23.0	2039	39	131	162	3.359	0.809	0.241	11.0	24.39
9126	40.6835	117.4679	153.8	372	QOA1	0	0	0	0	81	23.0	2144	63	70	192	1.111	0.365	0.328	11.0	24.39
9127	40.6829	117.4679	163.8	368	QOA1	0	0	0	0	77	23.0	2080	56	116	174	2.071	0.667	0.322	11.0	24.38
9128	40.6822	117.4679	175.9	359	QAL	0	0	0	0	82	22.9	2127	34	137	170	4.029	0.806	0.200	10.9	24.37

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
9129	40.6816	117.4680	184.7	353	QAL	0	0	0	0	83	22.9	2051	45	107	189	2.378	0.566	0.238	10.8	24.36
9130	40.6810	117.4680	193.9	341	QAL	0	0	0	0	79	22.9	2175	42	163	137	3.881	1.190	0.307	10.7	24.36
9131	40.6803	117.4680	195.9	334	QAL	0	0	0	0	82	22.8	1980	40	136	173	3.400	0.786	0.231	10.7	24.35
9132	40.6797	117.4680	192.5	331	QAL	0	0	0	0	87	22.8	2139	46	128	128	2.783	1.000	0.359	10.7	24.34
9133	40.6791	117.4680	188.9	338	QAL	0	0	0	0	81	22.8	1971	49	112	143	2.286	0.783	0.343	10.7	24.32
9134	40.6784	117.4680	176.8	340	QAL	0	0	0	0	80	22.9	1979	36	119	183	3.306	0.650	0.197	10.6	24.31
9135	40.6778	117.4680	162.7	352	QAL	0	0	0	0	88	22.9	2087	38	122	159	3.211	0.767	0.239	10.6	24.31
9136	40.6772	117.4680	142.0	348	QAL	0	0	0	0	73	22.9	2082	33	97	188	2.939	0.516	0.176	10.6	24.31
9137	40.6766	117.4680	133.0	339	QAL	0	0	0	0	78	22.8	2081	38	134	150	3.526	0.893	0.253	10.7	24.30
9138	40.6759	117.4680	125.8	332	QAL	0	0	0	0	88	22.8	2071	40	172	149	4.300	1.154	0.268	10.7	24.29
9139	40.6753	117.4680	117.3	348	QAL	0	0	0	0	71	22.9	2216	54	118	193	2.185	0.611	0.280	10.6	24.29
9140	40.6747	117.4680	109.7	350	QAL	0	0	0	0	77	22.9	2321	44	154	184	3.500	0.837	0.239	10.6	24.28
9141	40.6740	117.4680	105.2	312	QAL	0	0	0	0	86	22.7	2095	47	120	149	2.553	0.805	0.315	10.6	24.28
9142	40.6734	117.4680	98.7	295	QAL	0	0	0	0	77	22.6	2111	56	101	198	1.804	0.510	0.283	10.5	24.27
9143	40.6728	117.4681	96.0	298	QAL	0	0	0	0	89	22.6	2280	52	179	173	3.442	1.035	0.301	10.5	24.26
9144	40.6721	117.4681	91.2	312	QAL	0	0	0	0	90	19.5	2231	49	173	133	3.531	1.301	0.368	10.4	24.25
9145	40.6715	117.4681	88.4	293	QAL	0	0	0	0	91	19.4	2247	39	90	220	2.308	0.409	0.177	10.5	24.25
9146	40.6709	117.4681	88.7	284	QAL	0	0	0	0	92	19.4	2171	26	197	184	7.577	1.071	0.141	10.4	24.24
9147	40.6702	117.4681	85.0	280	QAL	0	0	0	0	84	19.4	2120	48	134	175	2.792	0.766	0.274	10.3	24.24
9148	40.6696	117.4681	74.2	288	QAL	0	0	0	0	85	19.4	2175	57	72	212	1.263	0.340	0.269	10.4	24.23
9149	40.6690	117.4681	70.6	296	QAL	0	0	0	0	86	19.4	2234	40	231	141	5.775	1.638	0.284	10.3	24.23
9150	40.6683	117.4681	71.1	319	QAL	0	0	0	0	77	19.5	2195	49	86	235	1.755	0.366	0.209	10.3	24.22
9151	40.6677	117.4681	74.1	336	QAL	0	0	0	0	83	19.5	2180	40	128	188	3.200	0.681	0.213	10.2	24.21
9152	40.6671	117.4681	71.9	326	QAL	0	0	0	0	90	19.5	2217	50	103	185	2.060	0.557	0.270	10.2	24.21
9153	40.6664	117.4681	70.8	309	QAL	0	0	0	0	84	19.5	2227	38	200	134	5.263	1.493	0.284	10.2	24.21
9154	40.6658	117.4681	69.4	307	QAL	0	0	0	0	82	19.5	2222	28	190	158	6.786	1.203	0.177	10.2	24.20
9155	40.6652	117.4681	67.8	311	QAL	0	0	0	0	80	19.5	2217	54	191	150	3.537	1.273	0.360	10.1	24.20
9156	40.6645	117.4681	59.2	317	QAL	0	0	0	0	83	19.5	2192	39	175	186	4.487	0.941	0.210	10.1	24.20
9157	40.6639	117.4682	51.3	317	QAL	0	0	0	0	87	19.5	2188	55	163	173	2.964	0.942	0.318	10.1	24.20
9158	40.6633	117.4682	49.0	329	QAL	0	0	0	0	89	19.5	2365	76	90	191	1.184	0.471	0.398	10.1	24.20
9159	40.6626	117.4682	49.2	346	QAL	0	0	0	0	86	19.6	2505	38	227	162	5.974	1.401	0.235	10.0	24.20
9160	40.6620	117.4682	43.3	342	QAL	0	0	0	0	89	19.6	2409	49	132	222	2.694	0.595	0.221	10.0	24.20
9161	40.6616	117.4682	28.9	302	QAL	0	0	0	0	84	19.4	2642	46	195	213	4.239	0.915	0.216	9.9	24.19
9162	40.6613	117.4682	24.0	295	QAL	0	0	0	0	89	19.4	2457	42	178	210	4.238	0.848	0.200	9.9	24.19
9163	40.6609	117.4681	19.2	293	QAL	0	0	0	0	87	21.5	2267	61	135	169	2.213	0.799	0.361	9.9	24.18
9164	40.6605	117.4681	11.8	304	QAL	0	0	0	0	81	21.6	2209	59	123	198	2.085	0.621	0.298	9.9	24.17
9165	40.6601	117.4681	-4.3	303	QAL	0	0	0	0	89	21.5	2294	62	135	157	2.177	0.860	0.395	9.8	24.18
9166	40.6598	117.4681	-14.6	301	QAL	0	0	0	0	85	21.5	2188	42	209	160	4.976	1.306	0.262	9.8	24.19
9167	40.6594	117.4681	-27.4	296	QAL	0	0	0	0	89	21.5	2269	53	102	176	1.925	0.580	0.301	9.8	24.18
9168	40.6590	117.4681	-33.0	297	QAL	0	0	0	0	88	21.5	2265	47	101	156	2.149	0.647	0.301	9.8	24.19
9169	40.6586	117.4681	-43.2	303	QAL	0	0	0	0	82	21.5	2103	57	134	135	2.351	0.993	0.422	9.8	24.20
9170	40.6583	117.4681	-48.0	304	QAL	0	0	0	0	86	21.6	2387	60	145	153	2.417	0.948	0.392	9.8	24.20
9171	40.6579	117.4681	-54.1	303	QAL	0	0	0	0	79	21.5	2037	57	118	147	2.070	0.803	0.388	9.7	24.20
9172	40.6575	117.4681	-60.1	311	QAL	0	0	0	0	86	21.6	1973	43	187	133	4.349	1.406	0.323	9.7	24.21
9173	40.6571	117.4681	-69.2	321	QAL	0	0	0	0	77	21.7	2074	51	144	139	2.824	1.036	0.367	9.7	24.21
9174	40.6568	117.4680	-76.4	344	QAL	0	0	0	0	86	21.7	2124	45	181	204	4.022	0.887	0.221	9.7	24.21
9175	40.6564	117.4680	-85.2	347	QAL	0	0	0	0	82	21.7	2045	54	126	129	2.333	0.977	0.419	9.7	24.22
9176	40.6560	117.4680	-83.7	352	QAL	0	0	0	0	77	21.8	2050	40	193	120	4.825	1.608	0.333	9.8	24.23
9177	40.6556	117.4680	-87.6	371	QAL	0	0	0	0	84	21.8	2110	43	93	216	2.163	0.431	0.199	9.8	24.23
9178	40.6553	117.4680	-91.0	378	QAL	0	0	0	0	91	21.9	2124	53	174	131	3.283	1.328	0.405	9.8	24.23
9179	40.6549	117.4680	-91.0	388	QAL	0	0	0	0	77	21.9	2195	44	158	142	3.591	1.113	0.310	9.8	24.24
9180	40.6545	117.4680	-86.1	390	QAL	0	0	0	0	92	21.9	2285	41	123	189	3.000	0.651	0.217	9.9	24.24
9181	40.6542	117.4680	-84.2	407	QAL	0	0	0	0	80	22.0	2200	62	102	190	1.645	0.537	0.326	9.9	24.25
9182	40.6538	117.4680	-89.9	423	QAL	0	0	0	0	92	30.9	2158	61	94	162	1.541	0.580	0.377	9.9	24.25

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
9183	40.6534	117.4680	-86.9	431	QAL	0	0	0	0	82	31.0	2214	53	114	183	2.151	0.623	0.290	10.0	24.26
9184	40.6530	117.4680	-88.4	430	QAL	0	0	0	0	77	31.0	2328	53	156	161	2.943	0.969	0.329	10.0	24.26
9185	40.6527	117.4679	-92.0	430	QAL	0	0	0	0	80	31.0	2203	47	156	152	3.319	1.026	0.309	10.0	24.26
9186	40.6523	117.4679	-89.2	435	QAL	0	0	0	0	80	31.0	2169	47	120	179	2.553	0.670	0.263	10.1	24.27
9187	40.6519	117.4679	-94.8	435	QAL	0	0	0	0	95	31.0	2109	47	148	104	3.149	1.423	0.452	10.0	24.27
9188	40.6515	117.4679	-93.2	447	QAL	0	0	0	0	82	31.1	2255	34	179	165	5.265	1.085	0.206	10.0	24.29
9189	40.6512	117.4679	-100.8	446	QAL	0	0	0	0	79	31.1	2185	44	141	143	3.205	0.986	0.308	9.9	24.30
9190	40.6508	117.4679	-106.5	452	QAL	0	0	0	0	88	31.2	2357	58	143	209	2.466	0.684	0.278	10.0	24.30
9191	40.6504	117.4679	-108.3	451	QAL	0	0	0	0	81	31.2	2407	73	157	164	2.151	0.957	0.445	10.0	24.31
9192	40.6500	117.4679	-111.6	454	QAL	0	0	0	0	80	31.2	2277	63	167	167	2.651	1.000	0.377	10.0	24.30
9193	40.6497	117.4679	-109.4	453	QAL	0	0	0	0	80	31.2	2328	53	170	160	3.208	1.063	0.331	10.0	24.31
9194	40.6493	117.4679	-109.8	447	QAL	0	0	0	0	80	31.1	2411	82	169	179	2.061	0.944	0.458	10.0	24.31
9195	40.6489	117.4679	-111.2	432	QAL	0	0	0	0	81	31.0	2439	80	120	193	1.500	0.622	0.415	10.0	24.31
9196	40.6485	117.4678	-113.8	423	QAL	0	0	0	0	81	30.9	2254	77	99	132	1.286	0.750	0.583	10.0	24.31
9197	40.6482	117.4678	-113.9	416	QAL	0	0	0	0	89	30.9	2308	55	70	216	1.273	0.324	0.255	10.0	24.31
9198	40.6478	117.4678	-117.0	414	QAL	0	0	0	0	84	30.9	2408	45	143	179	3.178	0.799	0.251	10.0	24.31
9199	40.6474	117.4678	-115.1	407	QAL	0	0	0	0	75	30.8	2286	45	232	149	5.156	1.557	0.302	10.0	24.31
9200	40.6470	117.4678	-117.2	396	QAL	0	0	0	0	89	30.7	2308	41	165	177	4.024	0.932	0.232	10.0	24.31
9201	40.6467	117.4678	-119.3	391	QAL	0	0	0	0	88	31.0	2266	52	155	175	2.981	0.886	0.297	10.0	24.32
9202	40.6463	117.4678	-124.2	381	QAL	0	0	0	0	91	30.9	2259	35	174	204	4.971	0.853	0.172	10.0	24.32
9203	40.6459	117.4678	-128.5	379	QAL	0	0	0	0	81	30.9	2179	52	170	161	3.269	1.056	0.323	10.0	24.32
9204	40.6455	117.4678	-133.6	370	QAL	0	0	0	0	72	30.8	2351	56	146	185	2.607	0.789	0.303	10.0	24.32
9205	40.6452	117.4678	-140.7	368	QAL	0	0	0	0	79	30.8	2204	45	145	175	3.222	0.829	0.257	10.0	24.32
9206	40.6448	117.4678	-154.0	368	QAL	0	0	0	0	92	30.8	2157	56	134	172	2.393	0.779	0.326	10.0	24.32
9207	40.6444	117.4678	-166.1	365	QAL	0	0	0	0	78	30.8	2421	70	93	209	1.329	0.445	0.335	10.0	24.32
9208	40.6440	117.4677	-175.0	351	QAL	0	0	0	0	83	30.6	2160	56	207	135	3.696	1.533	0.415	10.0	24.32
9209	40.6437	117.4677	-179.0	353	QAL	0	0	0	0	80	30.7	2235	61	166	148	2.721	1.122	0.412	10.0	24.31
9210	40.6433	117.4677	-173.8	353	QAL	0	0	0	0	74	30.7	2401	50	164	197	3.280	0.832	0.254	10.0	24.31
9211	40.6429	117.4677	-163.6	355	QAL	0	0	0	0	89	30.7	2452	58	147	162	2.534	0.907	0.358	10.0	24.31
9212	40.6426	117.4677	-158.2	347	QAL	0	0	0	0	80	30.6	2381	46	162	216	3.522	0.750	0.213	10.1	24.31
9213	40.6422	117.4677	-155.1	342	QAL	0	0	0	0	76	30.6	2598	72	222	144	3.083	1.542	0.500	10.1	24.31
9214	40.6418	117.4677	-151.4	338	QAL	0	0	0	0	74	30.5	2488	38	225	192	5.921	1.172	0.198	10.2	24.31
9215	40.6414	117.4677	-151.7	334	QAL	0	0	0	0	87	30.5	2440	70	169	168	2.414	1.006	0.417	10.2	24.31
9216	40.6411	117.4677	-157.3	328	QAL	0	0	0	0	85	30.4	2404	57	162	193	2.842	0.839	0.295	10.2	24.30
9217	40.6407	117.4677	-158.6	327	QAL	0	0	0	0	73	30.4	2409	66	117	217	1.773	0.539	0.304	10.2	24.30
9218	40.6403	117.4677	-160.4	325	QAL	0	0	0	0	80	30.4	2428	59	153	212	2.593	0.722	0.278	10.2	24.30
9219	40.6399	117.4676	-162.2	324	QAL	0	0	0	0	83	30.4	2351	57	89	240	1.561	0.371	0.238	10.3	24.29
9220	40.6396	117.4676	-158.7	334	QAL	0	0	0	0	80	27.9	2323	56	190	186	3.393	1.022	0.301	10.3	24.28
9221	40.6392	117.4676	-156.7	341	PIPH2	0	0	0	0	82	27.9	2509	50	145	199	2.900	0.729	0.251	10.3	24.27
9222	40.6388	117.4676	-155.2	343	PIPH2	0	0	0	0	84	27.9	2404	66	159	164	2.409	0.970	0.402	10.3	24.27
9223	40.6384	117.4676	-154.8	338	PIPH2	0	0	0	0	79	27.9	2397	74	89	230	1.203	0.387	0.322	10.3	24.27
9224	40.6381	117.4676	-154.1	338	PIPH2	0	0	0	0	86	27.9	2494	69	145	169	2.101	0.858	0.408	10.3	24.27
9225	40.6377	117.4676	-151.2	332	PIPH2	0	0	0	0	80	27.8	2510	67	216	182	3.224	1.187	0.368	10.3	24.27
9226	40.6373	117.4676	-148.8	329	PIPH2	0	0	0	0	74	27.8	2514	69	159	232	2.304	0.685	0.297	10.3	24.27
9227	40.6369	117.4676	-147.3	328	PIPH2	0	0	0	0	81	27.8	2483	58	164	196	2.828	0.837	0.296	10.4	24.26
9228	40.6366	117.4676	-144.6	331	PIPH2	0	0	0	0	92	27.8	2542	68	116	232	1.706	0.500	0.293	10.3	24.26
9229	40.6362	117.4676	-144.2	333	PIPH2	0	0	0	0	90	27.9	2565	66	120	257	1.818	0.467	0.257	10.3	24.25
9230	40.6358	117.4675	-146.1	342	PIPH2	0	0	0	0	82	27.9	2487	46	227	198	4.935	1.146	0.232	10.4	24.25
9231	40.6354	117.4675	-148.9	344	PIPH2	0	0	0	0	83	27.9	2414	92	39	232	0.424	0.168	0.397	10.3	24.24
9232	40.6351	117.4675	-147.4	345	PIPH2	0	0	0	0	87	28.0	2550	72	71	226	0.986	0.314	0.319	10.3	24.24
9233	40.6347	117.4675	-148.8	342	PIPH2	0	0	0	0	93	27.9	2653	61	156	196	2.557	0.796	0.311	10.3	24.23
9234	40.6343	117.4675	-149.0	348	PIPH2	0	0	0	0	79	28.0	2530	70	94	243	1.343	0.387	0.288	10.3	24.23
9235	40.6339	117.4675	-150.0	355	PIPH2	0	0	0	0	84	28.0	2425	70	156	166	2.229	0.940	0.422	10.3	24.22
9236	40.6336	117.4675	-155.2	364	PIPH2	0	0	0	0	86	28.1	2521	67	131	243	1.955	0.539	0.276	10.3	24.22

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
9237	40.6332	117.4675	-159.8	366	PIPH2	0	0	0	0	82	28.1	2462	64	119	236	1.859	0.504	0.271	10.3	24.21
9238	40.6328	117.4675	-166.5	372	TRK	0	0	0	0	82	28.2	2460	54	134	209	2.481	0.641	0.258	10.3	24.20
9239	40.6325	117.4675	-172.3	379	TRK	0	0	0	0	82	22.3	2488	76	168	170	2.211	0.988	0.447	10.3	24.20
9240	40.6321	117.4675	-178.5	384	TRK	0	0	0	0	79	22.3	2536	64	162	213	2.531	0.761	0.300	10.4	24.19
9241	40.6317	117.4674	-182.8	383	TRK	0	0	0	0	80	22.3	2457	53	101	223	1.906	0.453	0.238	10.4	24.18
9242	40.6313	117.4674	-186.7	372	TRK	0	0	0	0	82	22.3	2416	49	161	170	3.286	0.947	0.288	10.3	24.17
9243	40.6310	117.4674	-190.5	369	TRK	0	0	0	0	92	22.2	2493	58	176	145	3.034	1.214	0.400	10.4	24.16
9244	40.6306	117.4674	-195.9	363	TRK	0	0	0	0	78	22.2	2400	57	151	193	2.649	0.782	0.295	10.4	24.15
9245	40.6302	117.4674	-196.2	364	TRK	0	0	0	0	83	22.2	2311	67	119	192	1.776	0.620	0.349	10.5	24.13
9246	40.6298	117.4674	-199.0	356	TRK	0	0	0	0	87	22.2	2322	67	54	214	0.806	0.252	0.313	10.5	24.11
9247	40.6295	117.4674	-200.7	341	TRK	0	0	0	0	78	22.1	2339	65	138	171	2.123	0.807	0.380	10.5	24.10
9248	40.6291	117.4674	-202.7	318	TRK	0	0	0	0	83	22.0	2354	54	97	181	1.796	0.536	0.298	10.5	24.08
9249	40.6287	117.4674	-204.1	278	TRK	0	0	0	0	88	21.8	2034	56	102	160	1.821	0.638	0.350	10.5	24.06
9250	40.6283	117.4674	-202.4	246	QAL	0	0	0	0	80	21.7	1954	50	48	186	0.960	0.258	0.269	10.5	24.05
9251	40.6280	117.4674	-204.8	229	QAL	0	0	0	0	85	21.6	1861	46	108	138	2.348	0.783	0.333	10.5	24.02
9252	40.6276	117.4673	-205.5	241	QAL	0	0	0	0	90	21.6	1897	38	138	137	3.632	1.007	0.277	10.5	24.01
9253	40.6272	117.4673	-207.1	272	QAL	0	0	0	0	78	21.8	1795	47	155	117	3.298	1.325	0.402	10.5	23.99
9254	40.6268	117.4673	-206.3	314	QAL	0	0	0	0	90	22.0	1940	41	105	153	2.561	0.686	0.268	10.6	23.99
9255	40.6265	117.4673	-208.2	365	QAL	0	0	0	0	83	22.2	2082	54	89	169	1.648	0.527	0.320	10.6	23.96
9256	40.6261	117.4673	-209.1	411	QAL	0	0	0	0	83	22.4	2175	32	137	179	4.281	0.765	0.179	10.5	23.95
9257	40.6257	117.4673	-208.4	431	QAL	0	0	0	0	78	22.5	2279	42	100	159	2.381	0.629	0.264	10.5	23.92
9258	40.6253	117.4673	-207.7	434	QAL	0	0	0	0	92	20.8	2205	66	75	180	1.136	0.417	0.367	10.5	23.89
9259	40.6250	117.4673	-208.2	446	QAL	0	0	0	0	79	20.9	2051	50	100	165	2.000	0.606	0.303	10.5	23.88
9260	40.6246	117.4673	-208.3	469	QAL	0	0	0	0	87	20.9	2273	47	155	144	3.298	1.076	0.326	10.5	23.85
9261	40.6242	117.4673	-210.4	487	QAL	0	0	0	0	86	21.0	2338	29	147	208	5.069	0.707	0.139	10.5	23.85
9262	40.6238	117.4673	-212.0	490	QAL	0	0	0	0	93	21.0	2367	40	158	190	3.950	0.832	0.211	10.6	23.85
9263	40.6235	117.4672	-212.5	493	QAL	0	0	0	0	88	21.0	2317	56	148	136	2.643	1.088	0.412	10.5	23.85
9264	40.6231	117.4672	-212.5	492	QAL	0	0	0	0	96	21.0	2330	39	117	206	3.000	0.568	0.189	10.5	23.84
9265	40.6227	117.4672	-214.7	482	QAL	0	0	0	0	90	21.0	2469	58	112	199	1.931	0.563	0.291	10.5	23.84
9266	40.6224	117.4672	-216.5	447	QAL	0	0	0	0	90	20.9	2254	54	132	181	2.444	0.729	0.298	10.5	23.83
9267	40.6220	117.4672	-217.0	396	QAL	0	0	0	0	89	20.7	2106	53	112	143	2.113	0.783	0.371	10.5	23.82
9268	40.6216	117.4672	-220.7	380	QAL	0	0	0	0	87	20.6	1871	52	51	156	0.981	0.327	0.333	10.6	23.82
9269	40.6212	117.4672	-219.3	396	QAL	0	0	0	0	88	20.7	1919	22	153	135	6.955	1.133	0.163	10.6	23.82
9270	40.6209	117.4672	-218.7	445	QAL	0	0	0	0	93	20.9	2091	45	80	153	1.778	0.523	0.294	10.6	23.81
9271	40.6205	117.4672	-219.7	481	QAL	0	0	0	0	86	21.0	2042	34	142	165	4.176	0.861	0.206	10.6	23.81
9272	40.6201	117.4672	-220.4	493	QAL	0	0	0	0	88	21.0	2079	60	168	68	2.800	2.471	0.882	10.7	23.79
9273	40.6197	117.4672	-221.7	493	QAL	0	0	0	0	88	21.0	2118	38	111	211	2.921	0.526	0.180	10.7	23.78
9274	40.6194	117.4671	-217.5	494	QAL	0	0	0	0	90	21.0	2279	42	139	157	3.310	0.885	0.268	10.7	23.76
9275	40.6190	117.4671	-216.1	490	QAL	0	0	0	0	92	21.0	2205	36	53	237	1.472	0.224	0.152	10.7	23.75
9276	40.6186	117.4671	-219.9	484	QAL	0	0	0	0	84	21.0	2274	49	104	208	2.167	0.500	0.231	10.7	23.75
9277	40.6182	117.4671	-219.7	452	QAL	0	0	0	0	81	15.5	2154	47	146	146	3.106	1.000	0.322	10.7	23.74
9278	40.6179	117.4671	-222.1	416	QAL	0	0	0	0	87	15.5	2103	41	123	176	3.000	0.699	0.233	10.6	23.73
9279	40.6175	117.4671	-223.0	378	QAL	0	0	0	0	99	15.5	2084	50	98	155	1.960	0.632	0.323	10.6	23.72
9280	40.6171	117.4671	-224.3	336	QAL	0	0	0	0	88	15.4	2027	45	145	120	3.222	1.208	0.375	10.6	23.70
9281	40.6167	117.4671	-225.3	288	QAL	0	0	0	0	85	15.4	1872	36	131	143	3.639	0.916	0.252	10.5	23.69
9282	40.6164	117.4671	-224.5	265	QAL	0	0	0	0	94	15.4	1799	42	81	154	1.929	0.526	0.273	10.5	23.67
9283	40.6160	117.4671	-225.7	287	QAL	0	0	0	0	88	15.4	1773	39	165	93	4.231	1.774	0.419	10.5	23.66
9284	40.6156	117.4671	-224.6	321	QAL	0	0	0	0	93	15.4	1790	28	188	87	6.714	2.161	0.322	10.5	23.66
9285	40.6152	117.4671	-224.5	374	QAL	0	0	0	0	85	15.5	1921	45	78	170	1.733	0.459	0.265	10.4	23.65
9286	40.6149	117.4670	-225.5	418	QAL	0	0	0	0	92	15.5	2016	43	49	173	1.140	0.283	0.249	10.4	23.65
9287	40.6145	117.4670	-225.4	459	QAL	0	0	0	0	90	15.5	1924	45	90	108	2.000	0.833	0.417	10.4	23.64
9288	40.6141	117.4670	-227.3	485	QAL	0	0	0	0	99	15.5	1919	36	112	132	3.111	0.848	0.273	10.4	23.64
9289	40.6137	117.4670	-228.7	492	QAL	0	0	0	0	89	15.5	1920	45	83	133	1.844	0.624	0.338	10.4	23.64
9290	40.6134	117.4670	-227.5	498	TRCA	0	0	0	0	90	15.5	1902	26	146	127	5.615	1.150	0.205	10.4	23.64

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
9291	40.6130	117.4670	-226.1	516	TRCA	0	0	0	0	82	15.5	1942	56	107	82	1.911	1.305	0.683	10.3	23.63
9292	40.6126	117.4670	-226.8	539	TRCA	0	0	0	0	97	15.5	2276	41	87	149	2.122	0.584	0.275	10.3	23.63
9293	40.6122	117.4670	-227.1	562	TRCA	0	0	0	0	94	15.5	2349	58	160	81	2.759	1.975	0.716	10.3	23.62
9294	40.6119	117.4670	-229.4	535	TRCA	0	0	0	0	92	15.5	2134	40	167	94	4.175	1.777	0.426	10.3	23.61
9295	40.6115	117.4670	-227.8	518	TRCA	0	0	0	0	94	15.5	2039	45	143	108	3.178	1.324	0.417	10.2	23.60
9296	40.6111	117.4670	-228.0	506	TRCA	0	0	0	0	96	25.0	2038	54	76	129	1.407	0.589	0.419	10.2	23.59
9297	40.6108	117.4669	-227.4	493	TRCA	0	0	0	0	84	24.9	2230	39	116	161	2.974	0.720	0.242	10.2	23.58
9298	40.6104	117.4669	-227.2	489	TRCA	0	0	0	0	98	24.9	2020	50	117	139	2.340	0.842	0.360	10.2	23.57
9299	40.6100	117.4669	-226.9	474	TRCA	0	0	0	0	94	24.8	2017	37	116	156	3.135	0.744	0.237	10.2	23.56
9300	40.6096	117.4669	-226.8	483	TRCA	0	0	0	0	88	24.8	2189	62	60	172	0.968	0.349	0.360	10.2	23.56
9301	40.6093	117.4669	-227.6	484	TRCA	0	0	0	0	99	24.8	2049	44	74	153	1.682	0.484	0.288	10.2	23.55
9302	40.6089	117.4669	-229.1	493	TRCA	0	0	0	0	87	24.9	2005	32	86	145	2.688	0.593	0.221	10.2	23.54
9303	40.6085	117.4669	-227.9	495	TRCA	0	0	0	0	94	24.9	2124	43	111	154	2.581	0.721	0.279	10.1	23.53
9304	40.6081	117.4669	-226.2	497	TRCA	0	0	0	0	106	24.9	2300	36	123	186	3.417	0.661	0.194	10.1	23.51
9305	40.6078	117.4669	-223.7	498	TRCA	0	0	0	0	95	24.9	2035	29	93	187	3.207	0.497	0.155	10.1	23.50
9306	40.6074	117.4669	-223.7	507	TRCA	0	0	0	0	97	25.0	2132	33	148	150	4.485	0.987	0.220	10.1	23.50
9307	40.6070	117.4669	-221.3	498	TRCA	0	0	0	0	83	24.9	2306	34	145	178	4.265	0.815	0.191	10.1	23.50
9308	40.6066	117.4668	-221.3	500	TRCA	0	0	0	0	86	24.9	2243	52	66	234	1.269	0.282	0.222	10.2	23.50
9309	40.6063	117.4668	-220.4	497	TRCA	0	0	0	0	107	24.9	2500	77	107	135	1.390	0.793	0.570	10.2	23.51
9310	40.6059	117.4668	-218.0	495	TRK	0	0	0	0	80	24.9	2371	47	154	169	3.277	0.911	0.278	10.2	23.50
9311	40.6055	117.4668	-213.3	493	TRK	0	0	0	0	96	24.9	2362	52	148	159	2.846	0.931	0.327	10.2	23.50
9312	40.6051	117.4668	-212.9	483	TRK	0	0	0	0	86	24.8	2226	46	168	138	3.652	1.217	0.333	10.2	23.49
9313	40.6048	117.4668	-209.8	470	TRK	0	0	0	0	88	24.8	2336	67	160	104	2.388	1.538	0.644	10.2	23.49
9314	40.6044	117.4668	-204.9	472	TRK	0	0	0	0	98	24.8	2343	56	119	161	2.125	0.739	0.348	10.2	23.49
9315	40.6040	117.4668	-203.6	478	TRK	0	0	0	0	98	29.4	2416	65	127	178	1.954	0.713	0.365	10.1	23.48
9316	40.6036	117.4668	-200.9	474	TRK	0	0	0	0	85	29.3	2421	43	179	170	4.163	1.053	0.253	10.1	23.48
9317	40.6033	117.4668	-200.6	467	TRK	0	0	0	0	83	29.3	2384	51	116	186	2.275	0.624	0.274	10.1	23.47
9318	40.6029	117.4668	-199.7	459	TRK	0	0	0	0	91	29.2	2366	61	82	181	1.344	0.453	0.337	10.0	23.46
9319	40.6025	117.4667	-198.6	446	TRK	0	0	0	0	93	29.1	2310	58	137	155	2.362	0.884	0.374	10.0	23.46
9320	40.6021	117.4667	-199.5	435	TRK	0	0	0	0	94	29.0	2325	56	63	190	1.125	0.332	0.295	9.9	23.44
9321	40.6018	117.4667	-200.3	434	TRK	0	0	0	0	91	29.0	2196	49	135	156	2.755	0.865	0.314	9.8	23.43
9322	40.6014	117.4667	-197.9	427	TRK	0	0	0	0	87	29.0	2219	43	146	161	3.395	0.907	0.267	9.8	23.43
9323	40.6010	117.4667	-198.0	422	TRK	0	0	1	0	96	28.9	2170	59	27	215	0.458	0.126	0.274	9.8	23.42
9324	40.6007	117.4667	-198.3	411	TRK	0	0	0	0	95	28.8	2237	54	88	186	1.630	0.473	0.290	9.7	23.41
9325	40.6003	117.4667	-198.2	409	TRCA	0	0	0	0	102	28.8	2223	51	128	156	2.510	0.821	0.327	9.8	23.39
9326	40.5999	117.4667	-195.5	404	TRCA	0	0	0	0	92	28.8	2216	46	121	180	2.630	0.672	0.256	9.7	23.37
9327	40.5995	117.4667	-192.5	413	TRCA	0	0	0	0	92	28.9	2380	60	138	158	2.300	0.873	0.380	9.7	23.35
9328	40.5992	117.4667	-192.3	411	TRCA	0	0	0	0	86	28.8	2305	34	203	172	5.971	1.180	0.198	9.8	23.33
9329	40.5988	117.4667	-190.9	409	TRCA	0	0	0	0	89	28.8	2434	39	153	196	3.923	0.781	0.199	9.8	23.31
9330	40.5984	117.4666	-190.7	378	TRCA	0	0	0	0	100	28.6	2145	55	72	171	1.286	0.421	0.327	9.8	23.28
9331	40.5980	117.4666	-192.9	357	TRCA	0	0	0	0	99	28.4	2170	48	117	163	2.438	0.718	0.294	9.8	23.24
9332	40.5977	117.4666	-195.6	331	TRCA	0	0	0	0	100	28.2	2119	41	126	151	3.073	0.834	0.272	9.8	23.21
9333	40.5973	117.4666	-193.9	305	TRCA	0	0	0	0	101	27.9	1967	32	150	146	4.688	1.027	0.219	9.8	23.18
9334	40.5969	117.4666	-195.3	261	TRCA	0	0	0	0	97	39.1	1875	36	126	121	3.500	1.041	0.298	9.8	23.15
9335	40.5965	117.4666	-192.4	258	QAL	0	0	0	0	105	39.0	1843	30	93	123	3.100	0.756	0.244	9.8	23.12
9336	40.5962	117.4666	-191.4	299	QAL	0	0	0	0	90	39.7	1810	48	47	134	0.979	0.351	0.358	9.8	23.10
9337	40.5958	117.4666	-189.7	358	QAL	0	0	0	0	98	40.7	1964	47	92	125	1.957	0.736	0.376	9.8	23.08
9338	40.5954	117.4666	-189.9	427	QAL	0	0	0	0	99	41.8	2074	41	117	125	2.854	0.936	0.328	9.8	23.05
9339	40.5950	117.4666	-190.5	477	QAL	0	0	0	0	103	42.5	2236	40	93	130	2.325	0.715	0.308	9.8	23.03
9340	40.5947	117.4666	-188.9	493	QAL	0	0	0	0	101	42.7	2354	45	162	108	3.600	1.500	0.417	9.7	23.02
9341	40.5943	117.4665	-187.2	498	QAL	0	0	0	0	107	42.8	2219	45	142	127	3.156	1.118	0.354	9.8	22.99
9342	40.5939	117.4665	-188.5	497	QAL	0	0	0	0	104	42.8	2212	50	88	128	1.760	0.688	0.391	9.7	22.97
9343	40.5935	117.4665	-186.6	494	QAL	0	0	0	0	110	42.8	2386	52	108	124	2.077	0.871	0.419	9.7	22.95
9344	40.5932	117.4665	-188.7	478	QAL	0	0	0	0	95	42.5	2285	64	55	174	0.859	0.316	0.368	9.7	22.94

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
9345	40.5928	117.4665	-188.9	469	QAL	0	0	0	0	102	42.4	2205	54	94	156	1.741	0.603	0.346	9.6	22.93
9346	40.5924	117.4665	-188.2	491	QAL	0	0	0	0	104	42.7	2155	53	117	116	2.208	1.009	0.457	9.6	22.92
9347	40.5920	117.4665	-190.0	498	QAL	0	0	0	0	104	42.8	2200	30	112	128	3.733	0.875	0.234	9.5	22.89
9348	40.5917	117.4665	-189.8	559	QAL	0	0	0	0	112	43.6	2321	48	71	142	1.479	0.500	0.338	9.4	22.87
9349	40.5913	117.4665	-188.4	611	QAL	0	0	0	0	111	44.3	2224	38	75	188	1.974	0.399	0.202	9.4	22.85
9350	40.5909	117.4665	-188.1	682	TRCA	0	0	0	0	105	45.1	2483	31	94	181	3.032	0.519	0.171	9.3	22.83
9351	40.5906	117.4665	-188.1	689	TRCA	0	0	0	0	104	45.2	2378	55	57	154	1.036	0.370	0.357	9.3	22.82
9352	40.5902	117.4664	-187.0	642	TRCA	0	0	0	0	105	44.7	2606	41	92	81	2.244	1.136	0.506	9.2	22.81
9353	40.5898	117.4664	-189.3	590	TRCA	0	0	0	0	97	43.8	1947	39	71	127	1.821	0.559	0.307	9.2	22.78
9354	40.5894	117.4664	-188.9	574	TRCA	0	0	0	0	103	43.6	2042	40	81	118	2.025	0.686	0.339	9.2	22.74
9355	40.5891	117.4664	-188.0	546	TRCA	0	0	0	0	108	43.2	1956	39	70	119	1.795	0.588	0.328	9.1	22.71
9356	40.5887	117.4664	-185.5	517	TRCA	0	0	0	0	102	42.8	1968	34	80	101	2.353	0.792	0.337	9.1	22.68
9357	40.5883	117.4664	-184.2	496	TRCA	0	0	0	0	115	42.6	1908	30	74	102	2.467	0.725	0.294	9.1	22.67
9358	40.5879	117.4664	-180.9	489	TRCA	0	0	0	0	110	42.5	1727	28	80	74	2.857	1.081	0.378	9.0	22.64
9359	40.5876	117.4664	-180.2	481	TRCA	0	0	0	0	105	42.3	1560	37	50	70	1.351	0.714	0.529	9.0	22.61
9360	40.5872	117.4664	-175.9	490	TRCA	0	1	0	0	111	42.5	1650	29	83	11	2.862	7.545	2.636	8.9	22.58
9361	40.5868	117.4664	-176.8	510	TRCA	0	0	0	0	107	42.8	1585	18	58	70	3.222	0.829	0.257	8.8	22.56
9362	40.5864	117.4664	-168.2	588	TRCA	0	0	0	0	100	43.8	1716	23	88	84	3.826	1.048	0.274	8.8	22.54
9363	40.5861	117.4663	-166.4	669	TRCA	0	0	0	0	110	44.7	1639	26	58	64	2.231	0.906	0.406	8.8	22.51
9364	40.5857	117.4663	-160.6	764	TRCA	1	0	1	0	106	45.8	1878	39	13	105	0.333	0.124	0.371	8.7	22.50
9365	40.5853	117.4663	-159.1	865	TRCA	1	0	1	0	123	46.8	2035	68	-5	91	-0.074	-0.055	0.747	8.6	22.49
9366	40.5849	117.4663	-159.4	947	TRCA	1	0	1	0	107	47.5	2130	49	8	153	0.163	0.052	0.320	8.6	22.46
9367	40.5846	117.4663	-155.2	1007	TRCA	2	0	0	0	113	48.0	2321	27	43	201	1.593	0.214	0.134	8.6	22.44
9368	40.5842	117.4663	-153.8	1037	TRCA	2	0	0	0	118	48.2	2335	57	77	103	1.351	0.748	0.553	8.6	22.43
9369	40.5838	117.4663	-153.5	1045	TRCA	2	0	1	0	110	48.3	2338	30	30	183	1.000	0.164	0.164	8.5	22.41
9370	40.5834	117.4663	-153.9	1038	TRCA	2	0	1	0	110	48.2	2490	26	23	199	0.885	0.116	0.131	8.5	22.38
9371	40.5831	117.4663	-152.9	1014	TRCA	2	0	0	0	113	48.0	2297	34	68	153	2.000	0.444	0.222	8.5	22.37
9372	40.5827	117.4663	-153.4	1017	TRCA	2	0	1	0	108	54.9	2529	63	-9	177	-0.143	-0.051	0.356	8.6	22.36
9373	40.5823	117.4663	-150.5	1008	TRCA	2	0	0	0	117	54.8	2300	51	60	94	1.176	0.638	0.543	8.6	22.33
9374	40.5819	117.4662	-153.5	990	TRCA	1	0	0	0	122	54.6	2280	48	40	145	0.833	0.276	0.331	8.5	22.31
9375	40.5816	117.4662	-149.8	959	TRCA	1	0	0	0	106	54.3	2360	51	64	171	1.255	0.374	0.298	8.5	22.29
9376	40.5812	117.4662	-148.4	895	TRCA	1	0	0	0	115	53.7	2178	48	52	109	1.083	0.477	0.440	8.5	22.26
9377	40.5808	117.4662	-147.1	845	TRCA	1	0	1	0	104	53.1	2049	39	15	161	0.385	0.093	0.242	8.5	22.25
9378	40.5804	117.4662	-146.6	782	TRCA	1	0	0	0	114	52.4	2097	31	39	164	1.258	0.238	0.189	8.5	22.24
9379	40.5801	117.4662	-143.4	727	TRCA	1	0	0	0	119	51.7	2050	13	117	94	9.000	1.245	0.138	8.4	22.23
9380	40.5797	117.4662	-139.9	702	TRCA	1	0	0	0	126	51.3	1938	32	48	115	1.500	0.417	0.278	8.4	22.21
9381	40.5793	117.4662	-141.6	657	TRCA	0	0	0	0	121	50.7	1758	30	59	25	1.967	2.360	1.200	8.3	22.19
9382	40.5790	117.4662	-137.8	634	TRCA	0	0	1	0	108	50.4	1868	32	16	122	0.500	0.131	0.262	8.2	22.16
9383	40.5786	117.4662	-135.3	615	TRCA	0	0	1	0	119	50.1	1658	45	4	103	0.089	0.039	0.437	8.1	22.15
9384	40.5782	117.4662	-131.3	611	TRCA	0	0	1	0	113	50.1	1658	49	-28	97	-0.583	-0.289	0.495	8.1	22.13
9385	40.5778	117.4661	-129.1	582	TRCA	0	0	0	0	115	49.6	1624	17	35	74	2.059	0.473	0.230	8.1	22.10
9386	40.5775	117.4661	-131.7	576	TRCA	0	0	0	0	114	49.5	1688	16	43	71	2.688	0.606	0.225	8.1	22.09
9387	40.5771	117.4661	-131.8	566	TRCA	0	0	1	0	129	49.4	1596	30	-14	113	-0.467	-0.124	0.265	8.0	22.07
9388	40.5767	117.4661	-135.0	558	TRCA	0	0	0	0	116	49.3	1607	33	43	65	1.303	0.662	0.508	8.0	22.04
9389	40.5763	117.4661	-138.0	532	TRCA	0	0	0	0	115	48.9	1619	24	98	29	4.083	3.379	0.828	7.9	22.04
9390	40.5760	117.4661	-140.6	522	TRCA	0	0	0	0	112	48.7	1639	16	44	67	2.750	0.657	0.239	7.9	22.02
9391	40.5756	117.4661	-145.6	500	TRCA	0	0	0	0	124	56.6	1628	29	40	47	1.379	0.851	0.617	7.8	21.99
9392	40.5752	117.4661	-153.4	498	TRCA	0	0	0	0	114	56.6	1669	28	56	39	2.000	1.436	0.718	7.7	21.97
9393	40.5748	117.4661	-156.5	490	TRCA	0	0	0	0	114	56.4	1669	31	76	59	2.452	1.288	0.525	7.7	21.96
9394	40.5745	117.4661	-161.5	470	TRCA	0	0	0	0	107	56.0	1806	24	113	57	4.708	1.982	0.421	7.6	21.94
9395	40.5741	117.4661	-165.3	433	TRCA	0	0	0	0	127	55.3	1766	28	81	74	2.893	1.095	0.378	7.6	21.91
9396	40.5737	117.4661	-171.9	427	TRCA	0	0	0	0	116	55.0	1952	38	79	69	2.079	1.145	0.551	7.6	21.88
9397	40.5733	117.4660	-176.7	395	TRCA	0	0	0	0	132	54.3	1807	42	31	110	0.738	0.282	0.382	7.6	21.86
9398	40.5730	117.4660	-180.3	365	TRCA	0	0	1	0	124	53.6	1729	36	11	132	0.306	0.083	0.273	7.5	21.84

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
9399	40.5726	117.4660	-184.0	341	TRCA	0	0	0	0	120	53.0	1945	43	81	138	1.884	0.587	0.312	7.6	21.82
9400	40.5722	117.4660	-190.5	327	TRCA	0	0	0	0	110	52.7	1877	43	87	115	2.023	0.757	0.374	7.5	21.80
9401	40.5718	117.4660	-189.0	298	TRCA	0	0	1	0	130	51.9	1970	57	18	131	0.316	0.137	0.435	7.5	21.77
9402	40.5715	117.4660	-193.2	282	TRCA	0	0	1	0	130	51.5	1845	51	9	147	0.176	0.061	0.347	7.5	21.75
9403	40.5711	117.4660	-193.8	305	TRCA	0	0	0	0	132	52.1	1955	43	34	141	0.791	0.241	0.305	7.5	21.72
9404	40.5707	117.4660	-196.7	315	TRCA	0	0	0	0	125	52.3	1998	46	73	121	1.587	0.603	0.380	7.4	21.70
9405	40.5703	117.4660	-197.7	324	TRCA	0	0	0	0	112	52.6	2030	38	77	139	2.026	0.554	0.273	7.4	21.68
9406	40.5700	117.4660	-200.9	341	TRCA	0	0	0	0	140	53.0	1964	36	66	144	1.833	0.458	0.250	7.4	21.66
9407	40.5696	117.4660	-204.2	367	TRCA	0	0	1	0	135	53.6	1990	52	18	160	0.346	0.112	0.325	7.4	21.65
9408	40.5692	117.4659	-201.9	383	TRCA	0	0	0	0	117	54.0	2272	44	113	131	2.568	0.863	0.336	7.3	21.63
9409	40.5689	117.4659	-205.0	404	TRCA	0	0	1	0	122	54.5	2096	36	17	215	0.472	0.079	0.167	7.3	21.61
9410	40.5685	117.4659	-203.8	407	TRCA	0	0	0	0	136	58.2	2104	23	85	169	3.696	0.503	0.136	7.3	21.60
9411	40.5681	117.4659	-205.3	409	TRCA	0	0	0	0	124	58.3	2069	42	76	141	1.810	0.539	0.298	7.2	21.61
9412	40.5677	117.4659	-208.6	412	TRCA	0	0	0	0	125	58.3	2080	35	120	120	3.429	1.000	0.292	7.2	21.59
9413	40.5674	117.4659	-209.2	407	TRCA	0	0	0	0	128	58.2	2083	46	64	164	1.391	0.390	0.280	7.2	21.57
9414	40.5670	117.4659	-210.1	393	TRCA	0	0	0	0	139	57.9	1966	41	55	124	1.341	0.444	0.331	7.1	21.56
9415	40.5666	117.4659	-211.4	394	TRCA	0	0	0	0	135	57.9	2009	39	98	131	2.513	0.748	0.298	7.1	21.55
9416	40.5662	117.4659	-212.0	382	TRCA	0	0	1	0	123	57.6	1935	38	11	168	0.289	0.065	0.226	7.1	21.53
9417	40.5656	117.4659	-214.7	373	TRCA	0	0	1	0	140	57.4	1861	47	25	108	0.532	0.231	0.435	7.1	21.51
9418	40.5650	117.4659	-214.1	380	TRCA	0	0	0	0	135	57.5	1892	38	37	137	0.974	0.270	0.277	7.0	21.50
9419	40.5645	117.4659	-214.7	394	TRCA	0	0	0	0	125	57.9	1963	50	50	112	1.000	0.446	0.446	7.0	21.49
9420	40.5639	117.4660	-216.9	393	TRCA	0	0	0	0	133	57.9	1978	25	104	115	4.160	0.904	0.217	7.0	21.47
9421	40.5633	117.4660	-218.0	396	TRCA	0	0	0	0	134	57.9	1888	45	36	125	0.800	0.288	0.360	6.9	21.46
9422	40.5627	117.4660	-215.9	398	TRCA	0	0	1	0	135	58.0	1904	48	-15	170	-0.313	-0.088	0.282	6.9	21.45
9423	40.5621	117.4660	-216.9	384	TRCA	0	0	1	0	134	57.6	1838	39	6	143	0.154	0.042	0.273	6.8	21.42
9424	40.5615	117.4660	-217.4	376	TRCA	0	0	0	0	133	57.4	1714	18	34	116	1.889	0.293	0.155	6.7	21.40
9425	40.5609	117.4660	-214.0	359	TRCA	0	0	1	0	125	57.0	1744	32	20	146	0.625	0.137	0.219	6.7	21.40
9426	40.5603	117.4661	-212.0	347	TRCA	0	0	0	0	135	56.7	1677	24	87	100	3.625	0.870	0.240	6.6	21.38
9427	40.5597	117.4661	-211.9	357	TRCA	0	0	1	0	132	56.9	1830	31	19	129	0.613	0.147	0.240	6.6	21.36
9428	40.5591	117.4661	-211.6	381	TRCA	0	0	0	0	127	57.5	1911	28	78	124	2.786	0.629	0.226	6.5	21.36
9429	40.5585	117.4661	-212.2	390	TRCA	0	0	1	0	138	63.3	2001	45	3	172	0.067	0.017	0.262	6.4	21.36
9430	40.5580	117.4661	-215.4	414	TRK	0	0	1	0	141	64.0	2110	48	29	178	0.604	0.163	0.270	6.4	21.37
9431	40.5574	117.4662	-216.7	431	TRK	0	0	0	0	145	64.5	2068	24	77	146	3.208	0.527	0.164	6.3	21.36
9432	40.5568	117.4662	-216.4	453	TRK	0	0	0	0	137	65.1	2009	42	45	115	1.071	0.391	0.365	6.3	21.36
9433	40.5562	117.4662	-215.8	467	TRK	0	0	0	0	144	65.4	2095	33	97	124	2.939	0.782	0.266	6.3	21.36
9434	40.5556	117.4662	-215.9	470	TRK	0	0	1	0	134	65.5	2038	52	25	129	0.481	0.194	0.403	6.2	21.36
9435	40.5550	117.4662	-213.6	468	PIPP	0	0	1	0	135	65.5	1954	58	-6	105	-0.103	-0.057	0.552	6.2	21.36
9436	40.5544	117.4663	-214.6	464	PIPP	0	0	1	0	140	65.4	1917	53	20	89	0.377	0.225	0.596	6.1	21.35
9437	40.5538	117.4663	-216.9	445	PIPP	0	0	0	0	135	64.8	1915	42	77	76	1.833	1.013	0.553	6.1	21.34
9438	40.5532	117.4663	-215.2	403	PIPP	0	0	1	0	136	63.7	1812	57	8	109	0.140	0.073	0.523	6.0	21.34
9439	40.5526	117.4663	-216.7	361	PIPP	0	0	0	0	135	62.5	1745	32	76	75	2.375	1.013	0.427	6.0	21.35
9440	40.5520	117.4663	-218.2	322	PIPP	0	0	0	0	136	61.3	1642	24	80	61	3.333	1.311	0.393	5.9	21.34
9441	40.5514	117.4664	-216.9	318	PIPP	0	0	0	0	133	61.1	1699	33	79	70	2.394	1.129	0.471	5.8	21.34
9442	40.5509	117.4664	-218.5	326	PIPP	0	0	1	0	144	61.4	1768	47	-20	130	-0.426	-0.154	0.362	5.8	21.33
9443	40.5503	117.4664	-217.2	347	PIPP	0	0	0	0	125	62.0	1971	29	116	83	4.000	1.398	0.349	5.8	21.33
9444	40.5497	117.4664	-217.8	334	PIPP	0	0	0	0	147	61.7	1936	35	74	120	2.114	0.617	0.292	5.8	21.34
9445	40.5491	117.4664	-217.7	304	PIPP	0	0	0	0	148	60.7	1856	45	72	99	1.600	0.727	0.455	5.8	21.34
9446	40.5485	117.4665	-218.0	281	PIPP	0	0	0	0	136	60.0	1606	16	131	67	8.188	1.955	0.239	5.7	21.34
9447	40.5479	117.4665	-219.8	301	PIPP	0	0	0	0	149	60.6	1621	27	97	64	3.593	1.516	0.422	5.7	21.34
9448	40.5473	117.4665	-218.9	345	PIPP	0	0	0	0	151	59.7	1530	23	66	69	2.870	0.957	0.333	5.7	21.33
9449	40.5467	117.4665	-218.4	421	PIPP	0	0	1	0	139	61.8	1549	35	16	62	0.457	0.258	0.565	5.6	21.33
9450	40.5461	117.4665	-218.7	492	PIPP	0	0	0	0	144	63.7	1701	24	58	74	2.417	0.784	0.324	5.6	21.33
9451	40.5455	117.4666	-220.8	509	PIPP	0	0	0	0	153	64.1	1635	20	63	65	3.150	0.969	0.308	5.5	21.32
9452	40.5449	117.4666	-220.2	571	PIPP	0	0	0	0	138	65.5	1713	21	80	68	3.810	1.176	0.309	5.5	21.33

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
9453	40.5443	117.4666	-220.8	578	PIPP	0	0	1	0	140	65.7	1799	32	8	69	0.250	0.116	0.464	5.5	21.33
9454	40.5438	117.4666	-221.2	585	PIPP	0	0	1	0	139	65.8	1568	35	-36	55	-1.029	-0.655	0.636	5.4	21.33
9455	40.5432	117.4666	-223.4	581	PIPP	0	0	0	0	145	65.7	1581	14	43	56	3.071	0.768	0.250	5.4	21.33
9456	40.5426	117.4667	-223.8	578	PIPP	0	0	0	0	140	65.7	1575	25	28	49	1.120	0.571	0.510	5.4	21.34
9457	40.5420	117.4667	-223.4	623	PIPP	0	0	1	0	138	66.7	1566	12	21	86	1.750	0.244	0.140	5.4	21.34
9458	40.5414	117.4667	-222.0	724	PIPP	1	0	0	0	140	68.7	1800	17	3[illegible]	80	2.059	0.438	0.213	5.3	21.35
9459	40.5408	117.4667	-223.9	809	PIPP	1	0	0	0	139	70.3	2054	38	36	66	0.947	0.545	0.576	5.3	21.35
9460	40.5402	117.4667	-225.0	913	PIPH2	1	0	1	0	144	72.0	2183	39	31	91	0.795	0.341	0.429	5.2	21.35
9461	40.5396	117.4668	-224.0	999	PIPH2	1	0	1	0	134	73.2	2262	57	-3	191	-0.053	-0.016	0.298	5.2	21.35
9462	40.5390	117.4668	-223.9	1087	PIPH2	2	0	1	0	138	74.4	2591	100	-41	207	-0.410	-0.198	0.483	5.2	21.36
9463	40.5384	117.4668	-225.0	1160	PIPH2	2	0	0	0	132	74.6	2660	59	71	96	1.203	0.740	0.615	5.1	21.37
9464	40.5378	117.4668	-224.8	1290	PIPH2	2	0	0	0	145	74.6	3171	29	75	133	2.586	0.564	0.218	5.1	21.37
9465	40.5372	117.4668	-221.9	1361	PIPH2	2	0	1	0	130	74.6	3170	41	37	237	0.902	0.156	0.173	5.1	21.37
9466	40.5367	117.4669	-222.6	1418	PIPH2	2	1	0	0	127	74.6	3305	90	76	46	0.844	1.652	1.957	5.0	21.37
9467	40.5361	117.4669	-226.6	1467	PIPH2	2	0	1	0	136	73.5	2971	61	-41	294	-0.672	-0.139	0.207	5.1	21.38
9468	40.5355	117.4669	-225.5	1539	PIPH2	2	0	1	0	134	73.5	3603	100	-26	197	-0.260	-0.132	0.508	5.0	21.38
9469	40.5349	117.4669	-221.9	1563	PIPH2	2	0	1	0	129	73.5	3458	87	-13	297	-0.149	-0.044	0.293	5.0	21.38
9470	40.5343	117.4669	-225.6	1566	PIPH2	2	1	1	0	129	73.5	3253	68	-25	10	-0.368	-2.500	6.800	5.0	21.39
9471	40.5337	117.4670	-225.0	1542	PIPH2	2	0	1	0	147	73.5	3077	53	-41	252	-0.774	-0.163	0.210	4.9	21.40
9472	40.5331	117.4670	-223.3	1518	PIPH2	2	0	1	0	136	73.5	2770	60	-41	215	-0.683	-0.191	0.279	4.9	21.40
9473	40.5325	117.4670	-225.1	1475	PIPH2	2	0	1	0	133	73.5	2795	43	27	154	0.628	0.175	0.279	4.8	21.41
9474	40.5319	117.4670	-222.7	1422	PIPH2	2	0	1	0	143	73.5	2483	55	-41	168	-0.745	-0.244	0.327	4.8	21.41
9475	40.5313	117.4670	-226.6	1367	PIPH2	2	1	1	0	126	73.5	2666	53	-2	34	-0.038	-0.059	1.559	4.8	21.42
9476	40.5307	117.4671	-224.3	1277	PIPH2	2	0	1	1	142	73.5	2144	2	-41	156	-20.500	-0.263	0.013	4.7	21.43
9477	40.5302	117.4671	-224.8	1236	PIPH2	2	0	1	0	132	73.5	2323	36	-41	158	-1.139	-0.259	0.228	4.7	21.43
9478	40.5296	117.4671	-227.6	1212	PIPH2	2	0	1	0	136	73.5	2160	39	-25	84	-0.641	-0.298	0.464	4.7	21.44
9479	40.5290	117.4671	-224.4	1207	PIPH2	2	0	1	1	124	73.5	2425	20	-9	161	-0.450	-0.056	0.124	4.7	21.45
9480	40.5284	117.4671	-225.4	1192	PIPH2	2	0	1	1	123	73.5	2728	18	23	152	1.278	0.151	0.118	4.6	21.46
9481	40.5279	117.4671	-227.7	1189	PIPH2	2	0	1	0	135	73.5	2273	31	-32	134	-1.032	-0.239	0.231	4.6	21.46
9482	40.5274	117.4671	-226.2	1150	PIPH2	2	0	1	1	137	73.5	2454	13	9	194	0.692	0.046	0.067	4.6	21.47
9483	40.5269	117.4671	-225.2	1178	PIPH2	2	0	1	1	1[illegible]1	73.5	2507	12	5	182	0.417	0.027	0.066	4.6	21.47
9484	40.5264	117.4671	-227.4	1186	PIPH2	2	1	0	0	[illegible]32	73.5	2860	39	59	53	1.513	1.113	0.736	4.6	21.47
9485	40.5259	117.4671	-229.1	1218	PIPH2	2	1	0	0	132	73.5	2671	47	81	48	1.723	1.688	0.979	4.6	21.48
9486	40.5254	117.4671	-228.0	1254	PIPH2	2	1	1	0	130	70.4	3458	81	16	66	0.198	0.242	1.227	4.6	21.48
9487	40.5249	117.4671	-229.3	1311	PIPH2	2	0	0	1	138	70.4	3073	21	84	133	4.000	0.632	0.158	4.6	21.48
9488	40.5244	117.4671	-228.3	1329	PIPH2	2	0	1	0	131	70.4	3134	60	29	247	0.483	0.117	0.243	4.5	21.48
9489	40.5239	117.4671	-228.0	1279	PIPH2	2	0	0	0	139	70.4	3302	41	46	179	1.122	0.257	0.229	4.5	21.48
9490	40.5234	117.4671	-226.5	1212	PIPH2	2	0	0	0	129	70.4	2788	61	75	71	1.230	1.056	0.859	4.5	21.48
9491	40.5229	117.4671	-229.1	1140	PIPH2	2	0	0	0	127	70.4	2637	40	80	85	2.000	0.941	0.471	4.5	21.48
9492	40.5224	117.4671	-229.2	1097	PIPH2	2	0	0	0	126	70.3	2764	71	42	197	0.592	0.213	0.360	4.5	21.48
9493	40.5219	117.4671	-227.2	1094	PIPH2	2	0	1	0	128	70.3	2777	54	2	237	0.037	0.008	0.228	4.4	21.49
9494	40.5214	117.4670	-227.3	1137	PIPH2	2	0	0	0	130	70.4	2679	39	67	105	1.718	0.638	0.371	4.4	21.49
9495	40.5209	117.4670	-226.5	1204	PIPH2	2	0	0	0	122	70.4	2851	55	47	124	0.855	0.379	0.444	4.4	21.49
9496	40.5204	117.4670	-225.1	1250	PIPH2	2	0	0	0	133	70.4	3131	67	45	68	0.672	0.662	0.985	4.3	21.49
9497	40.5199	117.4670	-223.8	1277	PIPH2	2	0	1	0	119	70.4	2925	57	24	255	0.421	0.094	0.224	4.3	21.49
9498	40.5194	117.4670	-224.3	1371	PIPH2	2	0	1	0	132	70.4	3170	99	38	135	0.384	0.281	0.733	4.3	21.49
9499	40.5189	117.4670	-225.4	1351	PIPH2	2	1	0	0	118	70.4	3189	42	119	62	2.833	1.919	0.677	4.3	21.50
9500	40.5184	117.4670	-224.1	1363	PIPH2	2	0	1	0	137	70.4	2978	94	4	95	0.043	0.042	0.989	4.3	21.51
9501	40.5179	117.4670	-228.5	1367	PIPH2	2	0	1	1	130	70.4	2907	19	-2	283	-0.105	-0.007	0.067	4.3	21.52
9502	40.5174	117.4670	-225.3	1390	PIPH2	2	1	0	0	123	70.4	3283	28	146	87	5.214	1.678	0.322	4.2	21.53
9503	40.5169	117.4670	-227.1	1374	PIPH2	2	1	0	0	140	70.4	2906	58	56	60	0.966	0.933	0.967	4.2	21.55
9504	40.5164	117.4670	-227.3	1377	PIPH2	2	0	0	1	142	70.4	3246	-2	78	120	-39.000	0.650	-0.017	4.2	21.56
9505	40.5159	117.4670	-228.3	1356	PIPH2	2	0	1	0	133	66.9	2996	83	-11	142	-0.133	-0.077	0.585	4.2	21.58
9506	40.5154	117.4670	-226.2	1355	PIPH2	2	0	1	0	125	66.9	3329	64	37	105	0.578	0.352	0.610	4.2	21.59

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
9507	40.5149	117.4670	-226.7	1324	PIPH2	2	0	1	0	124	66.9	2695	38	0	168	0.026	0.006	0.226	4.1	21.60
9508	40.5144	117.4670	-229.3	1285	PIPH2	2	0	1	0	133	66.9	2640	46	26	131	0.565	0.198	0.351	4.1	21.60
9509	40.5139	117.4670	-230.3	1160	PIPH2	2	0	1	0	139	66.9	2427	50	-3	200	-0.060	-0.015	0.250	4.1	21.61
9510	40.5134	117.4669	-228.4	1111	PIPH2	2	0	1	1	136	66.9	2392	17	-7	123	-0.412	-0.057	0.138	4.1	21.63
9511	40.5129	117.4669	-230.6	1088	PIPH2	2	0	1	0	117	66.7	2368	43	5	109	0.116	0.046	0.394	4.2	21.64
9512	40.5124	117.4669	-231.9	1108	PIPH2	2	0	1	0	127	66.9	2395	59	-4	118	-0.068	-0.034	0.500	4.1	21.65
9513	40.5119	117.4669	-229.7	1096	PIPH2	2	0	1	0	133	66.8	2681	52	7	140	0.135	0.050	0.371	4.1	21.66
9514	40.5114	117.4669	-228.6	1052	PIPH2	2	0	1	0	123	66.3	2435	42	1	131	0.024	0.008	0.321	4.1	21.67
9515	40.5109	117.4669	-232.9	979	PIPH2	1	0	0	0	124	65.5	2424	41	44	77	1.073	0.571	0.532	4.1	21.68
9516	40.5104	117.4669	-235.1	917	PIPH2	1	0	0	1	145	64.7	1967	15	110	50	7.333	2.200	0.300	4.1	21.68
9517	40.5099	117.4669	-231.5	873	PIPH2	1	0	0	0	116	64.0	1929	45	41	54	0.911	0.759	0.833	4.1	21.68
9518	40.5094	117.4669	-231.1	858	PIPH2	1	0	0	1	130	63.8	2340	11	95	76	8.636	1.250	0.145	4.1	21.69
9519	40.5089	117.4669	-233.7	867	PIPH2	1	0	0	0	135	64.0	2035	35	56	68	1.600	0.824	0.515	4.0	21.69
9520	40.5084	117.4669	-233.4	878	PIPH2	1	0	0	0	127	64.1	2065	44	69	136	1.568	0.507	0.324	4.0	21.69
9521	40.5079	117.4669	-232.0	920	PIPH2	1	0	1	0	120	64.7	2545	51	19	164	0.373	0.116	0.311	4.0	21.69
9522	40.5074	117.4669	-232.0	954	PIPH2	1	0	0	0	127	65.1	2486	44	107	126	2.432	0.849	0.349	4.0	21.70
9523	40.5069	117.4669	-232.2	986	PIPH2	1	0	0	0	119	65.5	2474	59	67	145	1.136	0.462	0.407	4.0	21.70
9524	40.5064	117.4669	-230.9	1012	PIPH2	2	0	1	0	121	63.8	2351	29	3	238	0.103	0.013	0.122	4.0	21.70
9525	40.5059	117.4668	-232.4	1045	PIPH2	2	0	1	0	126	64.2	2633	52	31	142	0.596	0.218	0.366	4.0	21.71
9526	40.5054	117.4668	-230.8	1054	PIPH2	2	0	0	0	127	64.3	2648	20	36	232	1.800	0.155	0.086	4.0	21.72
9527	40.5049	117.4668	-231.3	1084	PIPH2	2	0	1	0	137	64.6	2880	38	-41	275	-1.079	-0.149	0.138	4.0	21.73
9528	40.5044	117.4668	-230.9	1096	PIPH2	2	0	0	0	127	64.7	2450	62	43	133	0.694	0.323	0.466	4.0	21.73
9529	40.5039	117.4668	-230.9	1121	PIPH2	2	0	0	0	127	64.8	2567	30	47	184	1.567	0.255	0.163	3.9	21.73
9530	40.5034	117.4668	-232.1	1120	PIPH2	2	0	1	0	121	64.8	2748	44	-35	253	-0.795	-0.138	0.174	3.9	21.73
9531	40.5029	117.4668	-231.4	1147	PIPH2	2	0	1	0	122	64.8	2589	43	-41	288	-0.953	-0.142	0.149	3.9	21.73
9532	40.5024	117.4668	-230.5	1165	PIPH2	2	0	0	0	133	64.8	2595	45	50	90	1.111	0.556	0.500	3.9	21.74
9533	40.5019	117.4668	-230.3	1217	PIPH2	2	0	1	0	133	64.8	2675	49	-18	229	-0.367	-0.079	0.214	3.9	21.74
9534	40.5013	117.4668	-230.6	1233	PIPH2	2	1	0	0	120	64.8	2766	29	113	54	3.897	2.093	0.537	3.9	21.74
9535	40.5008	117.4668	-231.6	1268	PIPH2	2	0	0	1	116	64.8	2581	15	59	208	3.933	0.284	0.072	3.8	21.75
9536	40.5003	117.4668	-229.1	1290	PIPH2	2	0	1	0	114	64.8	2860	60	-20	210	-0.333	-0.095	0.286	3.8	21.75
9537	40.4998	117.4668	-229.9	1313	PIPH2	2	0	1	0	115	64.8	2586	52	-39	271	-0.750	-0.144	0.192	3.8	21.76
9538	40.4993	117.4668	-228.4	1340	PIPH2	2	0	1	0	128	64.8	2668	80	-41	182	-0.513	-0.225	0.440	3.9	21.77
9539	40.4988	117.4668	-229.6	1344	PIPH2	2	1	0	0	122	64.8	2686	35	75	60	2.143	1.250	0.583	3.9	21.79
9540	40.4983	117.4668	-228.6	1366	PIPH2	2	0	1	0	120	64.8	3004	65	-9	213	-0.138	-0.042	0.305	3.9	21.80
9541	40.4978	117.4667	-229.5	1386	PIPH2	2	0	0	0	118	64.8	3101	44	50	245	1.136	0.204	0.180	3.9	21.81
9542	40.4973	117.4667	-230.7	1384	PIPH2	2	0	1	0	119	64.8	2859	57	10	298	0.175	0.034	0.191	3.9	21.83
9543	40.4968	117.4667	-230.2	1378	PIPH2	2	0	1	0	123	58.9	3412	63	-10	91	-0.159	-0.110	0.692	3.9	21.84
9544	40.4963	117.4667	-228.5	1400	PIPH2	2	0	1	0	118	58.9	2838	44	16	176	0.364	0.091	0.250	3.9	21.86
9545	40.4958	117.4667	-227.7	1403	PIPH2	2	0	1	0	125	58.9	3220	76	15	161	0.197	0.093	0.472	3.9	21.87
9546	40.4953	117.4667	-229.3	1426	PIPH2	2	0	1	0	128	58.9	2768	54	-41	229	-0.759	-0.179	0.236	3.9	21.89
9547	40.4948	117.4667	-228.6	1416	PIPH2	2	0	1	0	132	58.9	2904	65	-41	172	-0.631	-0.238	0.378	4.0	21.90
9548	40.4943	117.4667	-228.4	1437	PIPH2	2	1	1	0	115	58.9	3017	77	20	78	0.260	0.256	0.987	4.0	21.92
9549	40.4938	117.4667	-230.3	1444	PIPH2	2	0	1	0	117	58.9	2833	48	-23	232	-0.479	-0.099	0.207	4.0	21.94
9550	40.4933	117.4667	-228.5	1475	PIPH2	2	0	1	0	136	58.9	3080	33	-6	230	-0.182	-0.026	0.143	4.0	21.96
9551	40.4928	117.4667	-227.5	1483	PIPH2	2	1	0	0	130	58.9	2944	33	85	34	2.576	2.500	0.971	4.0	21.97
9552	40.4923	117.4667	-230.0	1502	PIPH2	2	0	1	0	120	58.9	3458	78	10	236	0.128	0.042	0.331	4.1	21.99
9553	40.4918	117.4667	-229.8	1469	PIPH2	2	0	1	0	126	58.9	3059	73	-6	283	-0.082	-0.021	0.258	4.1	22.00
9554	40.4913	117.4667	-230.8	1437	PIPH2	2	0	1	0	121	58.9	2704	83	-18	165	-0.217	-0.109	0.503	4.1	22.02
9555	40.4908	117.4667	-230.7	1415	PIPH2	2	0	0	1	126	58.9	2827	-6	96	264	-16.000	0.364	-0.023	4.1	22.03
9556	40.4903	117.4666	-229.8	1394	PIPH2	2	0	0	1	130	58.9	2849	4	95	126	23.750	0.754	0.032	4.1	22.04
9557	40.4898	117.4666	-230.1	1295	PIPH2	2	0	1	0	126	58.9	3012	28	-16	161	-0.571	-0.099	0.174	4.1	22.06
9558	40.4893	117.4666	-233.2	1223	PIPH2	2	0	1	0	120	58.9	2453	49	33	81	0.673	0.407	0.605	4.1	22.07
9559	40.4888	117.4666	-233.2	1123	PIPH2	2	0	0	1	118	58.9	2163	15	48	64	3.200	0.750	0.234	4.1	22.08
9560	40.4883	117.4666	-233.5	1027	PIPH2	2	0	1	0	123	58.2	2072	34	20	91	0.588	0.220	0.374	4.1	22.10

REC	LAT	LONG	RMAG	ALT	GECOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
9561	40.4878	117.4666	-233.3	960	PIPH2	1	0	1	0	129	57.5	1887	33	8	79	0.242	0.101	0.418	4.1	22.11
9562	40.4873	117.4666	-233.7	968	PIPH2	1	0	0	0	109	50.5	2035	49	68	60	1.388	1.133	0.817	4.1	22.12
9563	40.4868	117.4666	-235.7	997	PIPH2	1	0	1	0	127	50.8	1968	59	7	78	0.119	0.090	0.756	4.1	22.13
9564	40.4863	117.4666	-234.4	1056	PIPH2	2	0	1	0	128	51.3	2016	34	-22	179	-0.647	-0.123	0.190	4.1	22.14
9565	40.4858	117.4666	-232.1	1129	PIPH2	2	1	1	0	119	51.6	2132	39	29	27	0.744	1.074	1.444	4.1	22.16
9566	40.4853	117.4666	-233.7	1204	PIPH2	2	0	1	1	123	51.6	2048	7	9	145	1.286	0.062	0.048	4.1	22.17
9567	40.4848	117.4666	-234.1	1300	PIPH2	2	0	0	0	130	51.6	2865	59	43	114	0.729	0.377	0.518	4.1	22.18
9568	40.4843	117.4666	-234.7	1374	PIPH2	2	0	1	0	115	51.6	2796	99	-31	81	-0.313	-0.383	1.222	4.1	22.19
9569	40.4838	117.4666	-231.8	1454	PIPH2	2	0	1	0	117	51.6	2849	76	28	171	0.368	0.164	0.444	4.1	22.20
9570	40.4833	117.4666	-230.5	1485	PIPH2	2	0	1	0	115	51.6	3014	62	-25	187	-0.403	-0.134	0.332	4.1	22.21
9571	40.4828	117.4666	-232.0	1512	PIPH2	2	0	1	0	115	51.6	3066	52	16	159	0.308	0.101	0.327	4.1	22.21
9572	40.4823	117.4665	-231.9	1403	PIPH2	2	0	0	1	108	51.6	2889	23	85	164	3.696	0.518	0.140	4.1	22.22
9573	40.4818	117.4665	-231.8	1256	PIPH2	2	0	0	1	114	51.6	2406	20	73	138	3.650	0.529	0.145	4.1	22.22
9574	40.4813	117.4665	-235.5	1138	PIPH2	2	0	1	0	121	51.6	2696	52	5	119	0.096	0.042	0.437	4.1	22.22
9575	40.4808	117.4665	-235.8	1099	PIPH2	2	1	0	0	115	51.6	2032	26	62	29	2.385	2.138	0.897	4.1	22.22
9576	40.4803	117.4665	-235.4	1114	PIPH2	2	0	0	1	109	51.6	2355	13	68	160	5.231	0.425	0.081	4.2	22.22
9577	40.4798	117.4665	-234.5	1191	PIPH2	2	0	1	1	126	51.6	2147	18	35	150	1.944	0.233	0.120	4.2	22.22
9578	40.4793	117.4665	-234.3	1278	PIPH2	2	0	0	1	125	51.6	2541	23	67	110	2.913	0.609	0.209	4.2	22.21
9579	40.4788	117.4665	-236.6	1358	PIPH2	2	0	1	0	113	51.6	2756	41	-25	189	-0.610	-0.132	0.217	4.2	22.21
9580	40.4783	117.4665	-236.2	1432	PIPH2	2	0	1	0	124	51.6	3365	53	-3	234	-0.057	-0.013	0.226	4.2	22.20
9581	40.4778	117.4665	-234.7	1518	PIPH2	2	0	1	0	130	56.9	2819	35	-41	340	-1.171	-0.121	0.103	4.2	22.20
9582	40.4773	117.4665	-231.5	1577	PIPH2	2	0	1	0	128	56.9	3225	78	-19	155	-0.244	-0.123	0.503	4.2	22.19
9583	40.4768	117.4665	-232.0	1629	PIPH2	2	1	0	1	111	56.9	3127	25	64	52	2.560	1.231	0.481	4.2	22.17
9584	40.4763	117.4665	-235.9	1680	PIPH2	2	0	0	1	120	56.9	3739	18	59	236	3.278	0.250	0.076	4.2	22.17
9585	40.4758	117.4665	-237.0	1716	PIPH2	2	0	0	1	100	56.9	3501	31	94	188	3.032	0.500	0.165	4.1	22.16
9586	40.4753	117.4665	-234.4	1701	PIPH2	2	1	1	1	117	56.9	3330	34	19	69	0.559	0.275	0.493	4.1	22.15
9587	40.4748	117.4665	-233.7	1689	PIPH2	2	0	1	0	108	56.9	3390	88	0	165	0.011	0.006	0.533	4.1	22.14
9588	40.4743	117.4664	-233.8	1614	PIPH2	2	1	0	0	112	56.9	3116	83	71	14	0.855	5.071	5.929	4.1	22.13
9589	40.4738	117.4664	-235.5	1530	PIPH2	2	0	1	0	119	56.9	2967	155	-41	130	-0.265	-0.315	1.192	4.0	22.12
9590	40.4733	117.4664	-236.3	1454	PIPH2	2	0	1	0	117	56.9	2982	38	20	87	0.526	0.230	0.437	4.0	22.09
9591	40.4728	117.4664	-237.3	1358	PIPH2	2	0	1	0	129	56.9	2945	27	39	155	1.444	0.252	0.174	4.0	22.10
9592	40.4723	117.4664	-237.6	1290	PIPH2	2	0	1	0	123	56.9	2640	36	11	162	0.306	0.068	0.222	4.1	22.10
9593	40.4718	117.4664	-238.5	1211	PIPH2	2	0	1	0	121	56.9	2404	27	10	158	0.370	0.063	0.171	4.1	22.10
9594	40.4713	117.4664	-238.9	1131	PIPH2	2	1	1	0	108	56.9	2059	33	31	42	0.939	0.738	0.786	4.0	22.09
9595	40.4708	117.4664	-240.5	1024	PIPP	2	0	0	0	118	56.2	2159	26	48	138	1.846	0.348	0.188	4.0	22.09
9596	40.4703	117.4664	-240.9	948	PIPP	1	0	0	1	111	55.4	1919	12	86	40	7.167	2.150	0.300	4.0	22.08
9597	40.4698	117.4664	-240.9	880	PIPP	1	0	1	0	121	54.7	1724	43	-41	109	-0.953	-0.376	0.394	4.0	22.07
9598	40.4693	117.4664	-241.8	859	PIPP	1	0	0	1	110	54.5	1858	10	57	84	5.700	0.679	0.119	4.0	22.07
9599	40.4688	117.4664	-239.7	865	PIPP	1	0	0	0	114	54.5	1765	14	83	39	5.929	2.128	0.359	4.0	22.08
9600	40.4683	117.4664	-240.4	929	PIPP	1	0	1	0	110	52.8	1783	40	13	64	0.325	0.203	0.625	4.0	22.08
9601	40.4678	117.4664	-239.8	1004	PIPP	2	0	0	0	124	53.5	1842	35	34	42	0.971	0.810	0.833	3.9	22.08
9602	40.4673	117.4664	-241.0	1102	PIPP	2	1	0	0	120	54.3	2144	40	55	34	1.375	1.618	1.176	3.9	22.08
9603	40.4668	117.4663	-243.2	1188	PIPP	2	0	1	0	128	54.3	2189	39	-23	117	-0.590	-0.197	0.333	3.9	22.07
9604	40.4663	117.4663	-239.8	1301	PIPP	2	0	0	0	111	54.3	2773	37	45	126	1.216	0.357	0.294	3.9	22.08
9605	40.4658	117.4663	-240.9	1403	PIPP	2	0	1	0	123	54.3	2531	37	-20	217	-0.541	-0.092	0.171	3.9	22.08
9606	40.4653	117.4663	-239.4	1495	PIPP	2	0	1	1	126	54.3	2696	30	22	109	0.733	0.202	0.275	3.9	22.07
9607	40.4648	117.4663	-239.4	1578	PIPP	2	0	1	0	111	54.3	3240	50	-15	214	-0.300	-0.070	0.234	3.8	22.07
9608	40.4643	117.4663	-237.8	1675	PIPP	2	0	1	0	130	54.3	3528	69	-3	227	-0.043	-0.013	0.304	3.8	22.07
9609	40.4638	117.4663	-238.8	1740	PIPP	2	0	1	0	115	54.3	3874	132	-41	424	-0.311	-0.097	0.311	3.8	22.07
9610	40.4633	117.4663	-237.3	1799	PIPP	2	0	1	0	120	54.3	3739	115	-41	286	-0.357	-0.143	0.402	3.8	22.06
9611	40.4628	117.4663	-236.3	1827	PIPP	2	1	1	0	131	54.3	4464	73	-21	85	-0.288	-0.247	0.859	3.8	22.07
9612	40.4623	117.4663	-238.2	1831	PIPP	2	0	1	0	119	54.3	3647	118	-26	167	-0.220	-0.156	0.707	3.8	22.06
9613	40.4618	117.4663	-238.7	1804	PIPP	2	1	1	0	128	54.3	3432	58	-27	127	-0.466	-0.213	0.457	3.7	22.06
9614	40.4613	117.4663	-239.5	1797	PIPP	2	1	0	0	107	54.3	3299	56	118	-41	2.107	-2.878	-1.366	3.7	22.04

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
9615	40.4608	117.4663	-237.6	1719	PIPP	2	1	0	1	129	54.3	2914	-27	68	41	-2.519	1.659	-0.659	3.7	22.04
9616	40.4603	117.4663	-241.5	1639	PIPP	2	1	0	0	121	54.3	2955	59	58	-6	0.983	-9.667	-9.833	3.7	22.04
9617	40.4598	117.4663	-239.5	1574	PIPP	2	0	1	1	128	54.3	2919	31	-14	191	-0.452	-0.073	0.162	3.7	22.05
9618	40.4593	117.4663	-238.6	1493	PIPP	2	0	1	0	121	54.3	3006	60	0	218	0.017	0.005	0.275	3.7	22.05
9619	40.4588	117.4662	-239.6	1404	PIPP	2	1	1	1	117	51.3	2484	14	2	31	0.143	0.065	0.452	3.7	22.06
9620	40.4583	117.4662	-241.7	1298	PIPP	2	0	0	1	130	51.3	2204	22	44	92	2.000	0.478	0.239	3.7	22.07
9621	40.4578	117.4662	-243.2	1265	PIPP	2	1	0	0	110	51.3	2090	29	56	30	1.931	1.867	0.967	3.7	22.08
9622	40.4573	117.4662	-242.6	1275	PIPP	2	0	1	0	121	51.3	2155	55	15	86	0.273	0.174	0.640	3.7	22.09
9623	40.4568	117.4662	-241.2	1316	PIPP	2	1	1	0	116	51.3	2129	39	28	33	0.718	0.848	1.182	3.6	22.09
9624	40.4563	117.4662	-239.2	1374	PIPP	2	1	0	1	117	51.3	2329	18	145	-41	8.056	-3.537	-0.439	3.6	22.10
9625	40.4558	117.4662	-239.3	1452	PIPP	2	0	1	0	115	51.3	2484	45	-41	414	-0.911	-0.099	0.109	3.6	22.10
9626	40.4553	117.4662	-240.5	1523	PIPP	2	1	1	0	118	51.3	2417	68	-41	87	-0.603	-0.471	0.782	3.6	22.11
9627	40.4548	117.4662	-244.1	1591	PIPP	2	0	1	1	107	51.3	2539	16	34	109	2.125	0.312	0.147	3.6	22.11
9628	40.4543	117.4662	-241.2	1634	PIPP	2	0	1	0	122	51.3	3146	51	-41	318	-0.804	-0.129	0.160	3.6	22.12
9629	40.4538	117.4662	-239.6	1713	PIPP	2	0	1	0	123	51.3	3458	53	-8	403	-0.151	-0.020	0.132	3.5	22.12
9630	40.4533	117.4662	-241.1	1738	PIPP	2	0	1	0	126	51.3	3186	85	-41	267	-0.482	-0.154	0.318	3.5	22.13
9631	40.4528	117.4662	-239.3	1764	PIPP	2	0	1	0	133	51.3	3204	74	-41	212	-0.554	-0.193	0.349	3.5	22.13
9632	40.4523	117.4662	-241.8	1743	PIPP	2	1	0	0	124	51.3	3686	49	61	139	1.245	0.439	0.353	3.5	22.14
9633	40.4518	117.4662	-243.2	1712	PIPP	2	0	1	1	131	51.3	3180	8	-34	361	-4.250	-0.094	0.022	3.5	22.14
9634	40.4513	117.4661	-242.2	1653	PIPP	2	0	1	0	118	51.3	2988	67	-41	146	-0.612	-0.281	0.459	3.5	22.15
9635	40.4508	117.4661	-243.5	1580	PIPP	2	1	0	0	102	51.3	2984	44	84	7	1.909	12.000	6.286	3.5	22.15
9636	40.4503	117.4661	-243.8	1480	PIPP	2	0	0	1	117	51.3	2740	23	62	156	2.696	0.397	0.147	3.5	22.14
9637	40.4498	117.4661	-243.7	1407	PIPP	2	0	1	0	114	51.3	2738	27	10	181	0.370	0.055	0.149	3.6	22.14
9638	40.4493	117.4661	-244.2	1370	PIPP	2	1	0	0	117	44.3	2304	49	55	15	1.122	3.667	3.267	3.6	22.13
9639	40.4488	117.4661	-241.3	1354	PIPP	2	0	0	0	110	44.3	2596	30	56	101	1.867	0.554	0.297	3.6	22.11
9640	40.4483	117.4661	-247.0	1299	PIPP	2	0	1	0	116	44.3	2185	31	33	180	1.065	0.183	0.172	3.6	22.10
9641	40.4478	117.4661	-249.2	1238	PIPP	2	0	1	0	127	44.3	2315	83	-41	76	-0.494	-0.539	1.092	3.6	22.09
9642	40.4473	117.4661	-249.0	1195	PIPP	2	0	0	1	122	44.3	2149	2	88	145	44.000	0.607	0.014	3.6	22.10
9643	40.4468	117.4661	-245.7	1175	PIPP	2	0	1	0	117	44.3	2232	21	5	227	0.238	0.022	0.093	3.6	22.10
9644	40.4463	117.4661	-247.7	1199	PIPP	2	0	1	0	120	44.3	2180	32	14	152	0.438	0.092	0.211	3.6	22.10
9645	40.4458	117.4661	-247.8	1245	PIPP	2	0	0	0	118	44.3	2387	48	43	95	0.896	0.453	0.505	3.7	22.11
9646	40.4453	117.4661	-246.5	1312	PIPP	2	0	1	1	117	44.3	2561	15	37	224	2.467	0.165	0.067	3.7	22.11
9647	40.4448	117.4661	-243.1	1391	PIPP	2	0	1	0	123	44.3	2589	59	-14	188	-0.237	-0.074	0.314	3.6	22.12
9648	40.4443	117.4661	-246.0	1431	PIPP	2	0	0	1	120	44.3	2674	10	129	103	12.900	1.252	0.097	3.6	22.12
9649	40.4438	117.4661	-244.6	1439	PIPP	2	0	1	0	117	44.3	2992	70	-27	241	-0.386	-0.112	0.290	3.6	22.13
9650	40.4433	117.4660	-244.6	1416	PIPP	2	1	1	0	119	44.3	2538	90	16	60	0.178	0.267	1.500	3.6	22.13
9651	40.4428	117.4660	-246.6	1346	PIPP	2	0	1	0	117	44.3	2551	40	25	139	0.625	0.180	0.288	3.7	22.12
9652	40.4423	117.4660	-246.2	1324	PIPP	2	0	0	1	119	44.3	2367	4	61	186	15.250	0.328	0.022	3.7	22.11
9653	40.4418	117.4660	-249.6	1216	PIPP	2	0	0	0	127	44.3	2489	36	72	77	2.000	0.935	0.468	3.7	22.11
9654	40.4413	117.4660	-248.8	1193	PIPP	2	0	0	1	113	44.3	2268	-9	101	113	-12.625	0.894	-0.071	3.7	22.11
9655	40.4408	117.4660	-247.1	1209	PIPP	2	1	0	1	110	44.3	2213	-11	129	33	-11.727	3.909	-0.333	3.7	22.10
9656	40.4403	117.4660	-249.4	1259	PIPP	2	0	1	0	123	44.3	2074	35	11	78	0.314	0.141	0.449	3.7	22.08
9657	40.4398	117.4660	-247.8	1302	PIPP	2	0	1	0	117	38.9	2333	45	-3	219	-0.067	-0.014	0.205	3.7	22.07
9658	40.4393	117.4660	-248.8	1400	PIPP	2	0	1	1	123	38.9	2507	12	-41	504	-3.417	-0.081	0.024	3.7	22.08
9659	40.4388	117.4660	-249.5	1454	PIPP	2	0	0	1	116	38.9	2683	19	95	200	5.000	0.475	0.095	3.7	22.09
9660	40.4383	117.4660	-250.9	1501	PIPP	2	1	0	1	120	38.9	3017	14	106	40	7.571	2.650	0.350	3.6	22.09
9661	40.4378	117.4660	-250.1	1497	PIPP	2	1	0	0	121	38.9	2825	32	173	61	5.406	2.836	0.525	3.7	22.09
9662	40.4373	117.4660	-251.8	1474	PIPP	2	1	0	1	113	38.9	2698	14	147	-41	10.500	-3.585	-0.341	3.6	22.10
9663	40.4368	117.4660	-253.3	1405	PIPP	2	0	0	1	118	38.9	2747	1	132	164	132.000	0.805	0.006	3.6	22.10
9664	40.4363	117.4660	-255.6	1284	PIPP	2	1	0	1	119	38.9	2608	14	190	-39	13.571	-4.872	-0.359	3.7	22.10
9665	40.4358	117.4659	-259.9	1121	PIPP	2	0	0	0	114	38.9	2459	23	100	148	4.348	0.676	0.155	3.7	22.10
9666	40.4353	117.4659	-259.0	987	PIPP	1	0	1	0	120	38.3	2110	46	14	118	0.304	0.119	0.390	3.7	22.09
9667	40.4348	117.4659	-260.0	915	PIPP	1	0	0	0	113	37.9	2077	34	85	115	2.500	0.739	0.296	3.7	22.09
9668	40.4343	117.4659	-261.3	879	PIPP	1	0	0	0	119	37.7	1973	32	48	143	1.500	0.336	0.224	3.6	22.08

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
9669	40.4338	117.4659	-263.9	810	PIPP	1	0	0	0	116	37.2	2009	30	81	87	2.700	0.931	0.345	3.6	22.07
9670	40.4333	117.4659	-262.8	725	PIPP	1	0	0	0	123	36.6	1990	28	59	93	2.107	0.634	0.301	3.6	22.07
9671	40.4328	117.4659	-263.6	627	PIPP	0	0	0	0	120	35.8	1714	38	69	69	1.816	1.000	0.551	3.6	22.07
9672	40.4323	117.4659	-261.7	575	PIPP	0	0	0	0	113	35.3	1920	18	93	108	5.167	0.861	0.167	3.6	22.08
9673	40.4318	117.4659	-262.0	575	PIPP	0	0	0	0	109	35.3	1730	23	52	118	2.261	0.441	0.195	3.6	22.08
9674	40.4313	117.4659	-260.7	603	PIPP	0	0	1	0	115	35.6	1863	38	3	147	0.079	0.020	0.259	3.6	22.09
9675	40.4308	117.4659	-260.8	654	PIPP	0	0	0	0	132	36.0	1917	50	37	68	0.740	0.544	0.735	3.6	22.09
9676	40.4303	117.4659	-260.3	707	PIPP	1	0	0	0	124	29.6	2166	22	77	93	3.500	0.828	0.237	3.6	22.10
9677	40.4298	117.4659	-259.2	774	PIPP	1	0	0	0	119	30.0	1887	22	57	134	2.591	0.425	0.164	3.6	22.11
9678	40.4293	117.4659	-259.1	848	PIPP	1	0	0	1	114	30.3	1955	13	118	114	9.077	1.035	0.114	3.6	22.12
9679	40.4288	117.4659	-256.3	946	PIPP	1	0	0	0	111	30.7	2096	21	117	127	5.571	0.921	0.165	3.5	22.12
9680	40.4283	117.4659	-255.6	1027	PIPH2	2	0	0	0	127	31.1	2178	25	63	141	2.520	0.447	0.177	3.5	22.13
9681	40.4278	117.4658	-251.1	1137	PIPH2	2	0	1	0	120	31.3	2473	59	9	265	0.153	0.034	0.223	3.5	22.14
9682	40.4273	117.4658	-251.7	1216	PIPH2	2	0	0	0	110	31.3	2666	48	113	197	2.354	0.574	0.244	3.5	22.14
9683	40.4268	117.4658	-249.3	1270	PIPH2	2	0	0	0	108	31.3	2532	37	81	381	2.189	0.213	0.097	3.4	22.15
9684	40.4263	117.4658	-245.7	1299	PIPH2	2	0	0	0	116	31.3	2954	79	143	100	1.810	1.430	0.790	3.4	22.16
9685	40.4258	117.4658	-246.5	1266	PIPH2	2	0	0	0	119	31.3	2779	47	105	266	2.234	0.395	0.177	3.4	22.18
9686	40.4253	117.4658	-246.3	1161	PIPH2	2	0	0	0	115	31.3	2455	67	75	145	1.119	0.517	0.462	3.4	22.19
9687	40.4248	117.4658	-246.1	1068	PIPH2	2	0	0	1	121	31.2	2223	14	153	112	10.929	1.366	0.125	3.4	22.20
9688	40.4243	117.4658	-244.9	996	PIPH2	1	0	0	0	123	30.9	2116	30	79	208	2.633	0.380	0.144	3.4	22.21
9689	40.4238	117.4658	-242.2	1011	PIPH2	2	0	0	0	110	31.0	2160	41	51	164	1.244	0.311	0.250	3.4	22.22
9690	40.4233	117.4658	-241.2	1011	PIPH2	2	0	0	0	113	31.0	2259	32	60	210	1.875	0.286	0.152	3.4	22.22
9691	40.4228	117.4658	-239.2	985	PIPH2	1	0	0	0	129	30.9	2162	58	34	140	0.586	0.243	0.414	3.3	22.22
9692	40.4223	117.4658	-240.2	954	PIPH2	1	0	0	0	115	30.8	2111	18	155	55	8.611	2.818	0.327	3.4	22.22
9693	40.4218	117.4658	-238.5	935	PIPH2	1	0	0	0	111	30.7	2116	42	70	113	1.667	0.619	0.372	3.4	22.22
9694	40.4213	117.4658	-237.7	947	PIPH2	1	0	0	0	113	30.7	2223	32	49	117	1.531	0.419	0.274	3.4	22.22
9695	40.4208	117.4658	-238.6	917	PIPH2	1	0	0	0	117	22.3	2035	50	59	79	1.180	0.747	0.633	3.4	22.22
9696	40.4203	117.4657	-236.5	898	PIPH2	1	0	0	0	107	22.3	1807	43	50	111	1.163	0.450	0.387	3.3	22.25
9697	40.4198	117.4657	-236.9	936	PIPH2	1	0	0	0	115	22.4	1935	31	99	74	3.194	1.338	0.419	3.4	22.27
9698	40.4193	117.4657	-234.0	1013	PIPH2	2	0	0	0	124	22.5	1892	24	116	54	4.833	2.148	0.444	3.4	22.30
9699	40.4188	117.4657	-233.0	1076	PIPH2	2	0	0	0	117	22.6	2033	49	45	123	0.918	0.366	0.398	3.4	22.33
9700	40.4183	117.4657	-233.6	1187	PIPH2	2	0	0	0	116	22.7	2254	48	61	156	1.271	0.391	0.308	3.3	22.36
9701	40.4178	117.4657	-230.7	1290	PIPH2	2	0	0	0	109	22.7	2521	52	125	80	2.404	1.563	0.650	3.3	22.38
9702	40.4173	117.4657	-227.3	1388	PIPH2	2	0	0	0	113	22.7	2688	61	105	106	1.721	0.991	0.575	3.3	22.40
9703	40.4168	117.4657	-223.5	1427	PIPH2	2	0	1	0	119	22.7	3303	33	24	429	0.727	0.056	0.077	3.2	22.41
9704	40.4163	117.4657	-221.4	1434	PIPH2	2	0	0	0	108	22.7	2748	62	76	177	1.226	0.429	0.350	3.2	22.43
9705	40.4158	117.4657	-220.1	1386	PIPH2	2	0	0	0	112	22.7	3114	44	116	94	2.636	1.234	0.468	3.3	22.44
9706	40.4153	117.4657	-220.4	1278	PIPH2	2	0	0	0	103	22.7	2438	56	81	158	1.446	0.513	0.354	3.2	22.46
9707	40.4148	117.4657	-218.6	1066	PIPH2	2	0	0	1	119	22.6	1961	17	51	104	3.000	0.490	0.163	3.2	22.47
9708	40.4143	117.4657	-216.2	901	PIPH2	1	0	1	1	112	22.3	1696	5	18	128	3.600	0.141	0.039	3.2	22.49
9709	40.4138	117.4657	-214.6	887	PIPH2	1	0	0	0	115	22.3	1670	24	62	55	2.583	1.127	0.436	3.2	22.51
9710	40.4133	117.4657	-214.2	986	PIPH2	1	0	1	0	99	22.5	1937	47	23	161	0.489	0.143	0.292	3.2	22.53
9711	40.4128	117.4657	-214.1	1059	PIPH2	2	0	0	0	108	22.6	2091	30	101	55	3.367	1.836	0.545	3.2	22.54
9712	40.4123	117.4656	-215.0	1156	PIPH2	2	0	0	0	98	22.7	2195	44	91	101	2.068	0.901	0.436	3.2	22.56
9713	40.4118	117.4656	-218.0	1222	PIPH2	2	1	0	0	105	22.7	2369	53	130	0	2.453	130.000	53.000	3.2	22.57
9714	40.4113	117.4656	-221.8	1269	PIPH2	2	0	0	0	95	27.8	2453	32	60	170	1.875	0.353	0.188	3.2	22.59
9715	40.4108	117.4656	-226.3	1212	PIPH2	2	1	0	1	108	27.8	2418	11	161	13	14.636	12.335	0.846	3.2	22.60
9716	40.4103	117.4656	-234.8	1054	PIPH2	2	0	0	0	110	27.6	2221	37	107	72	2.892	1.486	0.514	3.2	22.62
9717	40.4098	117.4656	-235.5	903	PIPH2	1	0	0	0	107	27.2	1830	23	45	152	1.957	0.296	0.151	3.2	22.64
9718	40.4093	117.4656	-237.1	793	PIPH2	1	0	0	0	100	26.8	1927	43	37	139	0.860	0.266	0.309	3.2	22.64
9719	40.4088	117.4656	-237.6	639	PIPH2	0	0	0	0	109	26.1	1664	26	31	129	1.192	0.240	0.202	3.2	22.65
9720	40.4083	117.4656	-232.6	556	QAL	0	0	0	0	115	25.7	1629	35	69	80	1.971	0.862	0.438	3.2	22.66
9721	40.4078	117.4656	-220.7	563	QAL	0	0	0	0	100	25.8	1715	40	90	84	2.250	1.071	0.476	3.2	22.68
9722	40.4073	117.4656	-204.5	619	QAL	0	0	0	0	101	26.0	1807	18	123	118	6.833	1.042	0.153	3.2	22.69

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
9723	40.4068	117.4656	-186.3	665	QAL	0	0	0	0	112	26.3	1779	12	116	103	9.667	1.126	0.117	3.2	22.70
9724	40.4063	117.4656	-174.1	751	QAL	1	0	0	0	116	26.6	2312	37	91	97	2.459	0.938	0.381	3.2	22.71
9725	40.4058	117.4656	-171.1	813	QAL	1	0	1	0	107	26.8	1910	55	-11	165	-0.200	-0.067	0.333	3.2	22.72
9726	40.4053	117.4656	-178.8	905	QAL	1	0	0	0	97	27.2	2220	48	72	158	1.500	0.456	0.304	3.2	22.74
9727	40.4048	117.4656	-189.9	944	QAL	1	0	0	0	100	27.3	2262	63	92	139	1.460	0.662	0.453	3.2	22.76
9728	40.4043	117.4655	-221.6	928	QAL	1	0	0	0	108	27.3	2428	18	207	112	11.500	1.848	0.161	3.2	22.78
9729	40.4038	117.4655	-235.2	844	QAL	1	0	0	0	106	27.0	2372	23	65	216	2.826	0.301	0.106	3.2	22.80
9730	40.4033	117.4655	-242.9	787	QAL	1	0	0	0	105	26.8	2273	29	135	102	4.655	1.324	0.284	3.2	22.81
9731	40.4028	117.4655	-250.0	740	QAL	1	0	0	0	112	26.6	2343	42	149	96	3.548	1.552	0.438	3.2	22.83
9732	40.4023	117.4655	-256.5	706	QAL	1	0	0	0	94	26.4	2127	40	103	126	2.575	0.817	0.317	3.1	22.84
9733	40.4018	117.4655	-258.2	690	QAL	0	0	0	0	110	25.0	2557	35	134	125	3.829	1.072	0.280	3.1	22.85
9734	40.4013	117.4655	-262.3	698	QAL	0	0	0	0	109	25.0	2435	39	108	196	2.769	0.551	0.199	3.1	22.86
9735	40.4008	117.4655	-262.6	694	QAL	0	0	0	0	107	25.0	2389	30	137	187	4.567	0.733	0.160	3.1	22.87
9736	40.4003	117.4655	-265.0	610	QAL	0	0	0	0	106	24.7	2280	37	117	179	3.162	0.654	0.207	3.1	22.88
9737	40.3998	117.4655	-266.5	520	QAL	0	0	0	0	97	24.3	2123	28	186	103	6.643	1.806	0.272	3.1	22.89
9738	40.3993	117.4655	-264.9	494	QAL	0	0	0	0	109	24.2	2116	41	111	163	2.707	0.681	0.252	3.1	22.90
9739	40.3988	117.4655	-263.4	490	QAL	0	0	0	0	98	24.1	2190	35	127	177	3.629	0.718	0.198	3.1	22.91
9740	40.3982	117.4655	-260.7	488	QAL	0	0	0	0	87	24.1	2072	50	117	155	2.340	0.755	0.323	3.1	22.92
9741	40.3977	117.4655	-256.9	487	QAL	0	0	0	0	99	24.1	2128	45	123	123	2.733	1.000	0.366	3.1	22.92
9742	40.3972	117.4655	-249.9	488	QAL	0	0	0	0	101	24.1	2143	27	167	141	6.185	1.184	0.191	3.1	22.93
9743	40.3967	117.4654	-246.5	493	QAL	0	0	0	0	106	24.2	2093	44	102	131	2.318	0.779	0.336	3.0	22.94
9744	40.3962	117.4654	-243.7	496	QAL	0	0	0	0	108	24.2	2284	45	76	153	1.689	0.497	0.294	3.0	22.94
9745	40.3957	117.4654	-242.1	510	QAL	0	0	0	0	108	24.2	1926	32	151	90	4.719	1.678	0.356	3.0	22.95
9746	40.3952	117.4654	-237.9	536	QAL	0	0	0	0	111	24.4	2107	37	152	91	4.108	1.670	0.407	3.0	22.96
9747	40.3947	117.4654	-235.8	574	QAL	0	0	0	0	108	24.5	2111	34	101	169	2.971	0.598	0.201	3.0	22.97
9748	40.3943	117.4654	-233.3	597	QAL	0	0	0	0	108	24.6	2160	52	113	106	2.173	1.066	0.491	3.0	22.98
9749	40.3938	117.4654	-232.5	633	QAL	0	0	0	0	103	24.8	2044	43	132	73	3.070	1.808	0.589	3.0	23.00
9750	40.3934	117.4654	-227.0	698	QAL	0	0	0	0	107	25.0	1989	46	75	90	1.630	0.833	0.511	3.0	23.01
9751	40.3929	117.4654	-229.9	768	QAL	1	0	0	0	101	25.3	2083	35	136	73	3.886	1.863	0.479	3.0	23.02
9752	40.3924	117.4655	-231.1	836	QAL	1	0	0	0	105	24.2	2223	47	81	175	1.723	0.463	0.269	3.0	23.03
9753	40.3920	117.4655	-230.2	912	QAL	1	0	0	0	94	24.4	2127	44	31	205	0.705	0.151	0.215	3.0	23.04
9754	40.3915	117.4655	-235.1	958	QAL	1	0	0	0	97	24.5	2445	51	80	185	1.569	0.432	0.276	3.0	23.05
9755	40.3911	117.4655	-236.1	956	QAL	1	0	0	0	98	24.5	2426	43	124	144	2.884	0.861	0.299	3.1	23.06
9756	40.3906	117.4655	-235.6	901	QAL	1	0	0	0	97	24.3	2299	32	121	165	3.781	0.733	0.194	3.1	23.08
9757	40.3901	117.4655	-235.8	812	QAL	1	0	0	0	101	24.1	2000	55	133	67	2.418	1.985	0.821	3.1	23.09
9758	40.3897	117.4655	-236.3	723	QAL	1	0	0	0	91	23.8	2118	51	65	126	1.275	0.516	0.405	3.1	23.10
9759	40.3892	117.4655	-238.2	705	QAL	1	0	0	0	95	23.8	1996	44	66	117	1.500	0.564	0.376	3.2	23.12
9760	40.3888	117.4655	-237.6	739	QAL	1	0	0	0	104	23.9	2370	33	131	107	3.970	1.224	0.308	3.2	23.14
9761	40.3883	117.4655	-237.1	766	QAL	1	0	0	0	98	24.0	2693	62	50	136	0.806	0.368	0.456	3.2	23.15
9762	40.3878	117.4655	-235.9	759	QAL	1	0	0	0	103	23.9	2316	12	133	132	11.083	1.008	0.091	3.1	23.18
9763	40.3874	117.4655	-235.7	785	QAL	1	0	0	0	93	24.0	2151	26	125	127	4.808	0.984	0.205	3.1	23.21
9764	40.3869	117.4655	-235.8	808	QAL	1	0	0	0	100	24.1	2311	37	117	191	3.162	0.613	0.194	3.2	23.23
9765	40.3864	117.4656	-237.9	819	QAL	1	0	0	0	104	24.1	2205	45	112	133	2.489	0.842	0.338	3.2	23.25
9766	40.3860	117.4656	-236.5	814	QAL	1	0	0	0	97	24.1	2780	56	45	198	0.804	0.227	0.283	3.1	23.28
9767	40.3855	117.4656	-235.8	772	QAL	1	0	0	0	97	24.0	2422	42	109	137	2.595	0.796	0.307	3.1	23.30
9768	40.3851	117.4656	-235.3	768	QAL	1	0	0	0	103	24.0	2068	29	85	158	2.931	0.538	0.184	3.2	23.32
9769	40.3846	117.4656	-232.2	758	QAL	1	0	0	0	105	23.9	2472	35	116	156	3.314	0.744	0.224	3.2	23.34
9770	40.3841	117.4656	-234.9	763	QAL	1	0	0	0	97	24.0	2357	61	127	135	2.082	0.941	0.452	3.2	23.35
9771	40.3837	117.4656	-234.3	747	QAL	1	0	0	0	87	17.1	2341	67	59	171	0.881	0.345	0.392	3.2	23.37
9772	40.3832	117.4656	-235.1	735	QAL	1	0	0	0	89	17.1	2632	43	210	70	4.884	3.000	0.614	3.2	23.37
9773	40.3828	117.4656	-234.1	728	QAL	1	0	0	0	96	17.1	2419	49	131	133	2.673	0.985	0.368	3.2	23.38
9774	40.3823	117.4656	-238.4	732	QAL	1	0	0	0	93	17.1	2395	35	148	120	4.229	1.233	0.292	3.2	23.38
9775	40.3818	117.4656	-237.2	722	QAL	1	0	0	0	88	17.1	2510	34	104	183	3.059	0.568	0.186	3.3	23.39
9776	40.3814	117.4656	-236.7	721	QAL	1	0	0	0	93	17.1	2289	54	145	74	2.685	1.959	0.730	3.3	23.41

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
9777	40.3809	117.4656	-235.0	717	QAL	1	0	0	0	96	17.1	2075	29	140	129	4.828	1.085	0.225	3.3	23.43
9778	40.3805	117.4657	-236.8	712	QAL	1	0	0	0	93	17.1	2425	48	121	144	2.521	0.840	0.333	3.3	23.44
9779	40.3800	117.4657	-234.7	687	QAL	0	0	0	0	92	17.1	2152	49	134	101	2.735	1.327	0.485	3.3	23.46
9780	40.3795	117.4657	-236.7	712	QAL	1	0	0	0	94	17.1	2311	28	112	181	4.000	0.619	0.155	3.3	23.48
9781	40.3791	117.4657	-237.8	702	QAL	1	0	0	0	99	17.1	2638	21	194	144	9.238	1.347	0.146	3.4	23.50
9782	40.3786	117.4657	-237.1	672	QAL	0	0	0	0	82	17.1	2462	42	100	207	2.381	0.483	0.203	3.4	23.52
9783	40.3781	117.4657	-235.9	636	QAL	0	0	0	0	93	17.0	2284	54	150	115	2.778	1.304	0.470	3.5	23.54
9784	40.3777	117.4657	-238.7	620	QAL	0	0	0	0	96	17.0	2404	54	152	143	2.815	1.063	0.378	3.5	23.55
9785	40.3772	117.4657	-238.5	594	QAL	0	0	0	0	86	17.0	2356	36	159	133	4.417	1.195	0.271	3.5	23.57
9786	40.3768	117.4657	-237.8	558	QAL	0	0	0	0	90	17.0	2271	58	156	125	2.690	1.248	0.464	3.6	23.59
9787	40.3763	117.4657	-237.5	527	QAL	0	0	0	0	99	16.9	2116	47	117	160	2.489	0.731	0.294	3.6	23.60
9788	40.3758	117.4657	-239.9	541	QAL	0	0	0	0	96	16.9	2343	69	71	182	1.029	0.390	0.379	3.6	23.61
9789	40.3754	117.4657	-239.2	537	QAL	0	0	0	0	93	16.9	2374	48	168	146	3.500	1.151	0.329	3.6	23.62
9790	40.3749	117.4657	-239.0	555	QAL	0	0	0	0	90	19.1	2339	41	169	126	4.122	1.341	0.325	3.7	23.64
9791	40.3745	117.4657	-237.4	542	QAL	0	0	0	0	93	19.1	2278	45	150	145	3.333	1.034	0.310	3.7	23.65
9792	40.3740	117.4658	-23[illegible].8	517	QAL	0	0	0	0	93	19.0	2330	42	152	159	[illegible].619	0.956	0.264	3.7	23.67
9793	40.3735	117.4658	-23[illegible].5	499	QAL	0	0	0	0	84	19.0	2254	44	174	159	[illegible].955	1.094	0.277	3.7	23.69
9794	40.3731	117.4658	-240.5	496	QAL	0	0	0	0	96	19.0	2318	51	176	154	3.451	1.143	0.331	3.8	23.70
9795	40.3726	117.4658	-238.7	493	QAL	0	0	0	0	110	19.0	2314	51	132	164	2.588	0.805	0.311	3.8	23.72
9796	40.3722	117.4658	-236.5	492	QAL	0	0	0	0	88	19.0	2404	55	140	176	2.545	0.795	0.313	3.8	23.74
9797	40.3717	117.4658	-236.5	490	QAL	0	0	0	0	100	19.0	2355	50	118	196	2.360	0.602	0.255	3.8	23.76
9798	40.3712	117.4658	-236.0	489	QAL	0	0	0	0	84	19.0	2488	44	204	172	4.636	1.186	0.256	3.8	23.77
9799	40.3708	117.4658	-235.5	488	QAL	0	0	0	0	84	18.9	2508	57	148	159	2.596	0.931	0.358	3.8	23.78
9800	40.3703	117.4658	-234.5	488	QAL	0	0	0	0	94	19.0	2420	56	125	205	2.232	0.610	0.273	3.9	23.80
9801	40.3699	117.4658	-235.8	486	QAL	0	0	0	0	92	18.9	2444	48	223	170	4.646	1.312	0.282	3.9	23.81
9802	40.3694	117.4658	-236.9	470	QAL	0	0	0	0	93	18.9	2344	79	123	182	1.557	0.676	0.434	3.9	23.82
9803	40.3689	117.4658	-234.0	453	QAL	0	0	0	0	86	18.9	2392	49	148	211	3.020	0.701	0.232	4.0	23.83
9804	40.3685	117.4658	-231.6	439	QAL	0	0	0	0	83	18.8	2648	61	116	170	1.902	0.682	0.359	4.0	23.84
9805	40.3680	117.4659	-234.5	428	QAL	0	0	0	0	91	18.8	2357	58	125	173	2.155	0.723	0.335	4.1	23.85
9806	40.3675	117.4659	-234.6	415	QAL	0	0	0	0	87	18.8	2236	54	153	155	2.833	0.987	0.348	4.1	23.86
9807	40.3671	117.4659	-233.4	406	QAL	0	0	0	0	94	18.8	2371	48	121	192	2.521	0.630	0.250	4.1	23.87
9808	40.3666	117.4659	-231.7	398	QAL	0	0	0	0	88	18.8	2302	36	203	140	5.639	1.450	0.257	4.1	23.87
9809	40.3662	117.4659	-232.5	395	QAL	0	0	0	0	93	24.2	2372	46	166	164	3.609	1.012	0.280	4.1	23.88
9810	40.3657	117.4659	-234.3	381	QAL	0	0	0	0	89	24.1	2508	52	173	151	3.327	1.146	0.344	4.0	23.89
9811	40.3652	117.4659	-235.0	361	QAL	0	0	0	0	93	24.0	2553	32	176	175	5.500	1.006	0.183	4.0	23.90
9812	40.3648	117.4659	-237.3	353	QAL	0	0	0	0	74	24.0	2334	57	149	198	2.614	0.753	0.288	4.0	23.91
9813	40.3643	117.4659	-239.3	351	QAL	0	0	0	0	87	24.0	2505	56	119	186	2.125	0.640	0.301	4.1	23.91
9814	40.3639	117.4659	-240.6	344	QAL	0	0	0	0	82	23.9	2252	48	171	195	3.563	0.877	0.246	4.1	23.92
9815	40.3634	117.4659	-240.4	343	QAL	0	0	0	0	92	23.9	2390	68	136	169	2.000	0.805	0.402	4.1	23.92
9816	40.3629	117.4659	-238.7	339	QAL	0	0	0	0	74	23.9	2625	61	203	208	3.328	0.976	0.293	4.1	23.92
9817	40.3625	117.4659	-239.6	342	QAL	0	0	0	0	89	23.9	2524	56	204	195	3.643	1.046	0.287	4.1	23.93
9818	40.3620	117.4659	-240.9	337	QAL	0	0	0	0	90	23.9	2555	73	170	184	2.329	0.924	0.397	4.1	23.94
9819	40.3616	117.4660	-241.2	334	QAL	0	0	0	0	84	23.9	2484	49	254	173	5.184	1.468	0.283	4.1	23.95
9820	40.3611	117.4660	-243.2	329	QAL	0	0	0	0	90	23.8	2551	46	164	243	3.565	0.675	0.189	4.2	23.95
9821	40.3606	117.4660	-243.2	331	QAL	0	0	0	0	82	23.8	2637	62	141	228	2.274	0.618	0.272	4.2	23.96
9822	40.3602	117.4660	-242.2	330	QAL	0	0	0	0	78	23.8	2612	61	249	161	4.082	1.547	0.379	4.2	23.97
9823	40.3597	117.4660	-244.0	319	QAL	0	0	0	0	81	23.8	2601	42	226	231	5.381	0.978	0.182	4.2	23.97
9824	40.3592	117.4660	-242.9	305	QAL	0	0	0	0	82	23.7	2616	58	188	190	3.241	0.989	0.305	4.2	23.98
9825	40.3588	117.4660	-242.7	297	QAL	0	0	0	0	84	23.6	2530	68	178	194	2.618	0.918	0.351	4.2	23.98
9826	40.3583	117.4660	-243.0	289	QAL	0	0	0	0	96	23.6	2594	78	214	142	2.744	1.507	0.549	4.3	23.98
9827	40.3579	117.4660	-243.8	286	QAL	0	0	0	0	84	23.6	2499	41	236	205	5.756	1.151	0.200	4.3	23.99
9828	40.3574	117.4660	-242.6	278	QAL	0	0	0	0	84	28.1	2396	52	223	165	4.288	1.352	0.315	4.3	23.99
9829	40.3569	117.4660	-242.4	275	QAL	0	0	0	0	84	28.1	2425	54	177	224	3.278	0.790	0.241	4.3	23.99
9830	40.3565	117.4660	-238.3	279	QAL	0	0	0	0	86	28.1	2346	51	225	182	4.412	1.236	0.280	4.3	23.99

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
9831	40.3560	117.4660	-239.6	283	QAL	0	0	0	0	82	28.1	2331	65	158	205	2.431	0.771	0.317	4.3	23.99
9832	40.3556	117.4661	-239.3	285	QAL	0	0	0	0	82	28.2	2315	45	212	172	4.711	1.233	0.262	4.3	23.99
9833	40.3551	117.4661	-241.2	290	QAL	0	0	0	0	85	28.2	2264	62	145	174	2.339	0.833	0.356	4.3	23.99
9834	40.3546	117.4661	-241.4	297	QAL	0	0	0	0	81	28.3	2295	56	144	193	2.571	0.746	0.290	4.3	23.99
9835	40.3542	117.4661	-241.6	305	QAL	0	0	0	0	85	28.3	2192	72	119	170	1.653	0.700	0.424	4.3	23.99
9836	40.3537	117.4661	-239.5	312	QAL	0	0	0	0	90	28.4	2331	63	131	213	2.079	0.615	0.296	4.4	23.99
9837	40.3533	117.4661	-240.3	311	QAL	0	0	0	0	79	28.4	2347	66	145	224	2.197	0.647	0.295	4.4	23.99
9838	40.3528	117.4661	-242.1	301	QAL	0	0	0	0	88	28.3	2445	50	102	271	2.040	0.376	0.185	4.4	23.99
9839	40.3523	117.4661	-240.2	295	QAL	0	0	0	0	93	28.2	2490	59	142	225	2.407	0.631	0.262	4.4	23.99
9840	40.3519	117.4661	-238.7	292	QAL	0	0	0	0	81	28.2	2517	61	202	189	3.311	1.069	0.323	4.4	23.99
9841	40.3514	117.4661	-239.7	284	QAL	0	0	0	0	81	28.1	2493	50	208	210	4.160	0.990	0.238	4.4	23.99
9842	40.3509	117.4661	-242.5	284	QAL	0	0	0	0	95	28.1	2355	66	170	214	2.576	0.794	0.308	4.3	23.99
9843	40.3505	117.4661	-245.0	286	QAL	0	0	0	0	76	28.2	2417	54	203	204	3.759	0.995	0.265	4.3	23.99
9844	40.3500	117.4661	-243.4	292	QAL	0	0	0	0	92	28.2	2327	46	165	193	3.587	0.855	0.238	4.3	23.99
9845	40.3496	117.4661	-244.1	298	QAL	0	0	0	0	79	28.3	2300	66	125	185	1.894	0.676	0.357	4.4	23.99
9846	40.3491	117.4662	-246.3	309	QAL	0	0	0	0	96	28.4	2378	55	111	232	2.018	0.478	0.237	4.3	24.00
9847	40.3486	117.4662	-246.9	322	QAL	0	0	0	0	82	27.3	2450	52	212	175	4.077	1.211	0.297	4.3	24.00
9848	40.3482	117.4662	-247.2	342	QAL	0	0	0	0	82	27.5	2423	58	176	222	3.034	0.793	0.261	4.4	23.99
9849	40.3477	117.4662	-244.2	342	QAL	0	0	0	0	85	27.5	2405	55	146	217	2.655	0.673	0.253	4.4	23.99
9850	40.3473	117.4662	-247.2	340	QAL	0	0	0	0	71	27.4	2381	71	84	209	1.183	0.402	0.340	4.4	23.99
9851	40.3468	117.4662	-248.7	340	QAL	0	0	0	0	96	27.4	2460	37	237	186	6.405	1.274	0.199	4.4	23.99
9852	40.3463	117.4662	-245.8	337	QAL	0	0	0	0	85	27.4	2489	67	98	265	1.463	0.370	0.253	4.3	24.00
9853	40.3459	117.4662	-244.6	319	QAL	0	0	0	0	85	27.3	2448	62	183	157	2.952	1.166	0.395	4.3	24.00
9854	40.3454	117.4662	-245.4	321	QAL	0	0	0	0	97	27.3	2367	69	157	148	2.275	1.061	0.466	4.3	24.00
9855	40.3450	117.4662	-243.6	326	QAL	0	0	0	0	96	27.3	2494	56	196	162	3.500	1.210	0.346	4.2	23.99
9856	40.3445	117.4662	-245.6	323	QAL	0	0	0	0	98	27.3	2538	51	214	191	4.196	1.120	0.267	4.2	24.00
9857	40.3440	117.4662	-246.0	307	QAL	0	0	0	0	77	27.2	2428	72	122	241	1.694	0.506	0.299	4.2	23.99
9858	40.3436	117.4662	-245.1	291	QAL	0	0	0	0	89	27.0	2461	58	101	250	1.741	0.404	0.232	4.2	23.99
9859	40.3431	117.4663	-242.8	271	QAL	0	0	0	0	91	26.9	2468	52	185	255	3.558	0.725	0.204	4.2	24.00
9860	40.3427	117.4663	-244.1	262	QAL	0	0	0	0	83	26.8	2521	53	183	194	3.453	0.943	0.273	4.2	24.00
9861	40.3422	117.4663	-244.6	262	QAL	0	0	0	0	91	26.8	2421	55	146	183	2.655	0.798	0.301	4.2	24.01
9862	40.3417	117.4663	-244.8	267	QAL	0	0	0	0	92	26.8	2420	45	179	215	3.978	0.833	0.209	4.2	24.01
9863	40.3413	117.4663	-244.3	268	QAL	0	0	0	0	99	26.8	2300	48	148	197	3.083	0.751	0.244	4.2	24.01
9864	40.3408	117.4663	-244.5	266	QAL	0	0	0	0	80	26.8	2452	62	142	229	2.290	0.620	0.271	4.2	24.01
9865	40.3403	117.4663	-244.6	255	QAL	0	0	0	0	90	26.7	2493	54	115	248	2.130	0.464	0.218	4.2	24.01
9866	40.3399	117.4663	-242.7	245	QAL	0	0	0	0	89	27.1	2499	88	84	213	0.955	0.394	0.413	4.2	24.01
9867	40.3394	117.4663	-243.0	238	QAL	0	0	0	0	84	27.1	2515	63	137	237	2.175	0.578	0.266	4.2	24.01
9868	40.3390	117.4663	-245.8	234	QAL	0	0	0	0	80	27.0	2316	60	138	252	2.300	0.548	0.238	4.1	24.02
9869	40.3385	117.4663	-245.7	238	QAL	0	0	0	0	89	27.1	2453	59	160	217	2.712	0.737	0.272	4.1	24.03
9870	40.3380	117.4663	-247.0	242	PIPH2	0	0	0	0	84	27.1	2422	67	161	221	2.516	0.729	0.290	4.1	24.03
9871	40.3376	117.4663	-245.9	252	PIPH2	0	0	0	0	85	27.2	2307	60	139	202	2.317	0.688	0.297	4.1	24.03
9872	40.3371	117.4663	-246.0	267	PIPH2	0	0	0	0	81	27.4	2402	74	77	232	1.041	0.332	0.319	4.1	24.04
9873	40.3367	117.4664	-245.8	288	PIPH2	0	0	0	0	94	27.5	2565	66	151	202	2.288	0.748	0.327	4.1	24.04
9874	40.3362	117.4664	-243.7	274	PIPH2	0	0	0	0	91	27.4	2148	55	141	168	2.564	0.839	0.327	4.1	24.04
9875	40.3357	117.4664	-241.1	280	PIPH2	0	0	0	0	81	27.5	2262	60	130	193	2.167	0.674	0.311	4.1	24.04
9876	40.3353	117.4664	-240.5	293	PIPH2	0	0	0	0	91	27.6	2191	38	178	162	4.684	1.099	0.235	4.1	24.05
9877	40.3348	117.4664	-238.2	305	PIPH2	0	0	0	0	88	27.7	2441	43	170	189	3.953	0.899	0.228	4.1	24.05
9878	40.3344	117.4664	-236.5	319	PIPH2	0	0	0	0	89	27.8	2212	41	228	109	5.561	2.092	0.376	4.1	24.05
9879	40.3339	117.4664	-240.6	335	PIPH2	0	0	0	0	75	28.0	2280	58	119	208	2.052	0.572	0.279	4.1	24.04
9880	40.3334	117.4664	-244.3	344	PIPH2	0	0	0	0	91	28.0	2289	45	123	205	2.733	0.600	0.220	4.1	24.05
9881	40.3330	117.4664	-247.1	333	PIPH2	0	0	0	0	84	27.9	2299	56	138	165	2.464	0.836	0.339	4.1	24.05
9882	40.3325	117.4664	-245.7	326	PIPH2	0	0	0	0	81	27.9	2234	63	101	210	1.603	0.481	0.300	4.1	24.05
9883	40.3320	117.4664	-245.9	333	PIPH2	0	0	0	0	90	27.9	2354	54	145	189	2.685	0.767	0.286	4.0	24.04
9884	40.3316	117.4664	-247.7	329	PIPH2	0	0	0	0	85	27.9	2463	61	164	183	2.689	0.896	0.333	4.0	24.04

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
9885	40.3311	117.4664	-249.6	331	PIPH2	0	0	0	0	80	22.1	2402	56	242	144	4.321	1.681	0.389	4.0	24.03
9886	40.3307	117.4665	-249.2	326	PIPH2	0	0	0	0	83	22.0	2457	37	242	165	6.541	1.467	0.224	4.0	24.02
9887	40.3302	117.4665	-252.3	342	PIPH2	0	0	0	0	83	22.1	2488	59	170	189	2.881	0.899	0.312	4.0	24.03
9888	40.3297	117.4665	-250.4	326	PIPH2	0	0	0	0	81	22.0	2524	69	152	233	2.203	0.652	0.296	4.0	24.03
9889	40.3293	117.4665	-251.2	329	PIPH2	0	0	0	0	78	22.0	2817	39	185	223	4.744	0.830	0.175	4.0	24.02
9890	40.3288	117.4665	-250.8	338	QAL	0	0	0	0	97	22.1	2426	47	195	199	4.149	0.980	0.236	4.0	24.02
9891	40.3284	117.4665	-251.1	359	QAL	0	0	0	0	83	22.2	2496	77	106	203	1.377	0.522	0.379	4.0	24.01
9892	40.3279	117.4665	-247.8	372	QAL	0	0	0	0	81	22.2	2606	68	95	223	1.397	0.426	0.305	4.1	24.00
9893	40.3274	117.4665	-246.6	388	QAL	0	0	0	0	83	22.3	2657	64	144	220	2.250	0.655	0.291	4.1	24.01
9894	40.3270	117.4665	-245.3	399	QAL	0	0	0	0	84	22.4	2787	64	137	177	2.141	0.774	0.362	4.1	24.01
9895	40.3265	117.4665	-248.4	392	QAL	0	0	0	0	90	22.3	2556	64	86	224	1.344	0.384	0.286	4.1	24.01
9896	40.3261	117.4665	-247.2	379	QAL	0	0	0	0	85	22.3	2646	81	38	222	0.469	0.171	0.365	4.1	24.01
9897	40.3256	117.4665	-247.7	373	QAL	0	0	0	0	87	22.3	2464	53	250	178	4.717	1.404	0.298	4.1	24.00
9898	40.3251	117.4665	-248.4	348	QAL	0	0	0	0	90	22.1	2592	70	144	211	2.057	0.682	0.332	4.1	23.98
9899	40.3247	117.4666	-246.0	309	QAL	0	0	0	0	81	22.0	2292	70	178	190	2.543	0.937	0.368	4.0	24.00
9900	40.3242	117.4666	-249.7	313	QAL	0	0	0	0	96	22.0	2398	72	187	153	2.597	1.222	0.471	4.0	24.00
9901	40.3237	117.4666	-251.6	324	QAL	0	0	0	0	86	22.0	2326	49	204	162	4.163	1.259	0.302	4.0	23.99
9902	40.3233	117.4666	-253.2	345	QAL	0	0	0	0	88	22.1	2363	69	144	211	2.087	0.682	0.327	4.0	23.99
9903	40.3228	117.4666	-255.6	386	QAL	0	0	0	0	96	22.3	2532	84	101	213	1.202	0.474	0.394	4.0	23.99
9904	40.3224	117.4666	-257.4	406	QAL	0	0	0	0	84	35.6	2617	67	174	205	2.597	0.849	0.327	4.1	23.98
9905	40.3219	117.4666	-255.4	345	QAL	0	0	0	0	86	34.8	2437	47	168	241	3.574	0.697	0.195	4.0	23.98
9906	40.3213	117.4666	-256.6	317	QAL	0	0	0	0	85	34.4	2488	58	176	205	3.034	0.859	0.283	4.1	23.98
9907	40.3208	117.4666	-260.8	341	QAL	0	0	0	0	87	34.8	2621	60	285	159	4.750	1.792	0.377	4.1	23.98
9908	40.3202	117.4666	-258.2	317	QAL	0	0	0	0	89	34.4	2510	64	197	218	3.078	0.904	0.294	4.1	23.97
9909	40.3197	117.4666	-262.7	277	QAL	0	0	0	0	91	33.9	2357	67	106	207	1.582	0.512	0.324	4.1	23.96
9910	40.3191	117.4666	-261.8	294	QAL	0	0	0	0	94	34.1	2279	61	76	262	1.246	0.290	0.233	4.0	23.96
9911	40.3185	117.4667	-262.1	338	QAL	0	0	0	0	86	34.7	2442	61	164	177	2.689	0.927	0.345	4.1	23.96
9912	40.3180	117.4667	-260.3	371	QAL	0	0	0	0	90	35.1	2397	67	168	171	2.507	0.982	0.392	4.1	23.96
9913	40.3174	117.4667	-260.3	332	QAL	0	0	0	0	84	34.6	2407	66	95	240	1.439	0.396	0.275	4.1	23.95
9914	40.3168	117.4667	-263.5	295	QAL	0	0	0	0	88	34.1	2075	68	147	160	2.162	0.919	0.425	4.2	23.94
9915	40.3163	117.4667	-260.3	291	QAL	0	0	0	0	80	34.1	2124	39	102	206	2.615	0.495	0.189	4.3	23.94
9916	40.3157	117.4667	-262.6	308	QAL	0	0	0	0	81	34.3	2062	44	148	180	3.364	0.822	0.244	4.3	23.94
9917	40.3151	117.4667	-258.9	322	QAL	0	0	0	0	87	34.5	2039	54	127	164	2.352	0.774	0.329	4.4	23.94
9918	40.3146	117.4667	-264.8	356	QAL	0	0	0	0	83	34.9	2140	47	112	184	2.383	0.609	0.255	4.4	23.95
9919	40.3140	117.4667	-265.1	397	QAL	0	0	0	0	85	35.5	2086	29	162	133	5.586	1.218	0.218	4.4	23.95
9920	40.3135	117.4668	-262.9	453	QAL	0	0	0	0	100	36.1	2282	44	115	171	2.614	0.673	0.257	4.5	23.95
9921	40.3129	117.4668	-264.4	468	QAL	0	0	0	0	90	36.3	2525	53	178	154	3.358	1.156	0.344	4.5	23.95
9922	40.3123	117.4668	-267.5	452	QAL	0	0	0	0	77	36.1	2338	63	181	148	2.873	1.223	0.426	4.5	23.95
9923	40.3118	117.4668	-264.7	424	QAL	0	0	0	0	82	31.1	2391	57	154	193	2.702	0.798	0.295	4.6	23.94
9924	40.3112	117.4668	-264.3	430	QAL	0	0	0	0	90	31.2	2551	43	224	178	5.209	1.258	0.242	4.7	23.92
9925	40.3106	117.4668	-263.7	406	QAL	0	0	0	0	95	31.0	2419	41	197	176	4.805	1.119	0.233	4.7	23.93
9926	40.3101	117.4668	-264.1	383	QAL	0	0	0	0	78	30.7	2394	58	188	206	3.241	0.913	0.282	4.7	23.95
9927	40.3095	117.4668	-263.9	371	QAL	0	0	0	0	97	30.6	2542	77	133	174	1.727	0.764	0.443	4.7	23.96
9928	40.3089	117.4668	-266.4	362	QAL	0	0	0	0	91	30.5	2614	70	118	220	1.686	0.536	0.318	4.7	23.97
9929	40.3084	117.4668	-268.4	353	QAL	0	0	0	0	77	30.5	2575	34	196	225	5.765	0.871	0.151	4.8	23.98
9930	40.3078	117.4669	-270.4	344	QAL	0	0	0	0	83	30.4	2429	45	238	157	5.289	1.516	0.287	4.9	23.99
9931	40.3073	117.4669	-272.4	338	QAL	0	0	0	0	88	30.3	2517	46	180	185	3.913	0.973	0.249	4.9	23.99
9932	40.3067	117.4669	-271.8	336	QAL	0	0	0	0	75	30.3	2564	62	231	167	3.726	1.383	0.371	5.0	24.00
9933	40.3061	117.4669	-266.6	330	QAL	0	0	0	0	87	30.2	2481	63	170	206	2.698	0.825	0.306	5.0	24.00
9934	40.3056	117.4669	-267.3	326	QAL	0	0	0	0	79	30.2	2521	59	146	200	2.475	0.730	0.295	5.1	24.01
9935	40.3050	117.4669	-271.0	322	QAL	0	0	0	0	87	30.1	2567	56	211	181	3.768	1.166	0.309	5.1	24.01
9936	40.3044	117.4669	-272.2	321	QAL	0	0	0	0	83	30.1	2523	65	188	199	2.892	0.945	0.327	5.1	24.01
9937	40.3039	117.4669	-267.9	319	QAL	0	0	0	0	96	30.1	2611	40	239	168	5.975	1.423	0.238	5.2	24.02
9938	40.3033	117.4669	-268.6	318	QAL	0	0	0	0	92	30.1	2365	58	188	190	3.241	0.989	0.305	5.2	24.02

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
9939	40.3027	117.4670	-271.6	318	QAL	0	0	0	0	82	30.1	2491	65	96	232	1.477	0.414	0.280	5.2	24.02
9940	40.3022	117.4670	-274.8	311	QAL	0	0	0	0	84	30.0	2404	68	192	148	2.824	1.297	0.459	5.2	24.02
9941	40.3016	117.4670	-271.3	308	QAL	0	0	0	0	90	30.0	2291	44	188	204	4.273	0.922	0.216	5.2	24.03
9942	40.3011	117.4670	-273.8	302	QAL	0	0	0	0	83	30.3	2360	56	144	217	2.571	0.664	0.258	5.3	24.03
9943	40.3005	117.4670	-274.2	297	QAL	0	0	0	0	82	30.2	2378	62	194	163	3.129	1.190	0.380	5.3	24.04
9944	40.2999	117.4670	-277.2	292	QAL	0	0	0	0	86	30.2	2519	76	123	227	1.618	0.542	0.335	5.4	24.04
9945	40.2994	117.4670	-277.2	286	QAL	0	0	0	0	100	30.1	2441	60	202	172	3.367	1.174	0.349	5.4	24.04
9946	40.2988	117.4670	-280.4	287	QAL	0	0	0	0	91	30.1	2710	43	193	252	4.488	0.766	0.171	5.4	24.04
9947	40.2982	117.4670	-281.8	293	QAL	0	0	0	0	82	30.2	2535	73	121	214	1.658	0.565	0.341	5.5	24.05
9948	40.2977	117.4671	-282.7	293	QAL	0	0	0	0	84	30.2	2641	64	168	186	2.625	0.903	0.344	5.5	24.05
9949	40.2971	117.4671	-285.4	290	QAL	0	0	0	0	94	30.1	2475	78	155	164	1.987	0.945	0.476	5.6	24.05
9950	40.2966	117.4671	-290.1	284	QAL	0	0	0	0	86	30.1	2635	76	100	256	1.316	0.391	0.297	5.6	24.06
9951	40.2960	117.4671	-291.1	279	QAL	0	0	0	0	83	30.0	2516	57	217	184	3.807	1.179	0.310	5.6	24.06
9952	40.2954	117.4671	-297.1	268	QAL	0	0	0	0	89	29.9	2474	58	212	187	3.655	1.134	0.310	5.7	24.06
9953	40.2949	117.4671	-299.6	262	QAL	0	0	0	0	75	29.8	2565	63	201	201	3.190	1.000	0.313	5.7	24.07
9954	40.2943	117.4671	-301.6	263	QAL	0	0	0	0	83	29.8	2725	79	92	264	1.165	0.348	0.299	5.8	24.07
9955	40.2937	117.4671	-305.2	268	QAL	0	0	0	0	80	29.9	2697	57	207	239	3.632	0.866	0.238	5.8	24.07
9956	40.2932	117.4671	-310.9	270	QAL	0	0	0	0	91	29.9	2612	61	190	234	3.115	0.812	0.261	5.8	24.07
9957	40.2926	117.4671	-319.8	273	QAL	0	0	0	0	89	30.0	2609	51	224	210	4.392	1.067	0.243	5.8	24.06
9958	40.2920	117.4672	-327.8	272	QAL	0	0	0	0	72	30.0	2537	58	227	243	3.914	0.934	0.239	5.9	24.07
9959	40.2915	117.4672	-332.2	274	QAL	0	0	0	0	86	30.0	2611	67	201	221	3.000	0.910	0.303	5.9	24.08
9960	40.2909	117.4672	-336.6	279	QAL	0	0	0	0	89	30.0	2495	73	80	227	1.096	0.352	0.322	6.0	24.08
9961	40.2904	117.4672	-337.9	287	QAL	0	0	0	0	96	21.5	2598	49	203	236	4.143	0.860	0.208	6.0	24.09
9962	40.2898	117.4672	-337.6	295	QAL	0	0	0	0	83	21.6	2608	71	133	261	1.873	0.510	0.272	6.0	24.10
9963	40.2892	117.4672	-338.9	305	QAL	0	0	0	0	89	21.6	2442	84	84	239	1.000	0.351	0.351	6.0	24.09
9964	40.2887	117.4672	-337.5	320	QAL	0	0	0	0	82	21.7	2473	60	117	234	1.950	0.500	0.256	6.1	24.09
9965	40.2881	117.4672	-337.3	331	QAL	0	0	0	0	80	21.7	2605	68	172	206	2.529	0.835	0.330	6.1	24.08
9966	40.2875	117.4672	-341.1	320	QAL	0	0	0	0	82	21.7	2673	68	183	195	2.691	0.938	0.349	6.0	24.11
9967	40.2870	117.4673	-338.1	309	QAL	0	0	0	0	84	21.6	2742	66	189	212	2.864	0.892	0.311	6.1	24.13
9968	40.2864	117.4673	-336.1	305	QAL	0	0	0	0	88	21.6	2459	69	189	187	2.739	1.011	0.369	6.1	24.13
9969	40.2858	117.4673	-332.3	302	QAL	0	0	0	0	88	21.6	2526	79	145	232	1.835	0.625	0.341	6.1	24.14
9970	40.2853	117.4673	-331.5	300	QAL	0	0	0	0	87	21.6	2477	79	161	219	2.038	0.735	0.361	6.1	24.14
9971	40.2847	117.4673	-324.7	298	QAL	0	0	0	0	88	21.6	2374	68	146	223	2.147	0.655	0.305	6.2	24.15
9972	40.2842	117.4673	-316.7	298	QAL	0	0	0	0	86	21.6	2512	64	152	245	2.375	0.620	0.261	6.2	24.15
9973	40.2836	117.4673	-310.6	293	QAL	0	0	0	0	80	21.6	2556	80	141	222	1.763	0.635	0.360	6.2	24.17
9974	40.2830	117.4673	-300.6	288	QAL	0	0	0	0	81	21.5	2579	72	191	208	2.653	0.918	0.346	6.3	24.18
9975	40.2825	117.4673	-296.3	290	TS6	0	0	0	0	74	21.6	2536	77	172	228	2.234	0.754	0.338	6.3	24.19
9976	40.2819	117.4673	-283.6	300	TS6	0	0	0	0	66	21.6	2577	73	180	223	2.466	0.807	0.327	6.3	24.19
9977	40.2813	117.4674	-276.8	311	TS6	0	0	0	0	77	21.7	2475	88	151	205	1.716	0.737	0.429	6.3	24.19
9978	40.2808	117.4674	-271.7	314	TS6	0	0	0	0	86	21.7	2465	64	151	232	2.359	0.651	0.276	6.4	24.19
9979	40.2802	117.4674	-265.1	316	TS6	0	0	0	0	66	21.7	2389	67	119	246	1.776	0.484	0.272	6.4	24.19
9980	40.2796	117.4674	-258.9	328	TS6	0	0	0	0	79	26.0	2444	72	164	220	2.278	0.745	0.327	6.4	24.20
9981	40.2791	117.4674	-245.3	331	TS6	0	0	0	0	84	26.0	2586	47	165	220	3.511	0.750	0.214	6.5	24.19
9982	40.2785	117.4674	-236.2	345	TS6	0	0	0	0	91	26.1	2717	85	165	205	1.941	0.805	0.415	6.5	24.20
9983	40.2780	117.4674	-229.3	346	TS6	0	0	0	0	73	26.1	2576	77	185	185	2.403	1.000	0.416	6.4	24.20
9984	40.2774	117.4674	-225.5	348	TS6	0	0	0	0	90	26.1	2598	76	144	202	1.895	0.713	0.376	6.4	24.20
9985	40.2768	117.4674	-221.2	343	TS6	0	0	0	0	96	26.1	2631	64	159	201	2.484	0.791	0.318	6.5	24.22
9986	40.2763	117.4675	-217.4	346	TS6	0	0	0	0	81	26.1	2683	90	129	217	1.433	0.594	0.415	6.5	24.21
9987	40.2757	117.4675	-219.3	348	TS6	0	0	0	0	85	26.1	2446	75	165	230	2.200	0.717	0.326	6.5	24.22
9988	40.2751	117.4675	-218.0	349	TS6	0	0	0	0	85	26.1	2651	64	177	235	2.766	0.753	0.272	6.5	24.23
9989	40.2746	117.4675	-217.2	344	TS6	0	0	0	0	72	26.1	2758	79	215	227	2.722	0.947	0.348	6.6	24.25
9990	40.2740	117.4675	-221.3	356	TS6	0	0	0	0	87	26.2	2722	71	212	235	2.986	0.902	0.302	6.7	24.26
9991	40.2735	117.4675	-228.0	359	TS6	0	0	0	0	73	26.2	2978	81	212	207	2.617	1.024	0.391	6.7	24.27
9992	40.2729	117.4675	-232.9	363	TS6	0	0	0	0	84	26.2	2904	92	231	233	2.511	0.991	0.395	6.7	24.28

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
9993	40.2723	117.4675	-237.4	358	TS6	0	0	0	0	81	26.2	2849	95	209	261	2.200	0.801	0.364	6.7	24.28
9994	40.2718	117.4675	-250.1	350	TS6	0	0	0	0	87	26.1	2872	83	230	186	2.771	1.237	0.446	6.8	24.28
9995	40.2712	117.4675	-254.9	337	TS6	0	0	0	0	82	26.0	2880	70	201	275	2.871	0.731	0.255	6.7	24.29
9996	40.2706	117.4676	-258.4	327	TS6	0	0	0	0	89	26.0	2943	68	295	242	4.338	1.219	0.281	6.7	24.30
9997	40.2701	117.4676	-264.9	320	TS6	0	0	0	0	79	25.9	2778	68	182	247	2.676	0.737	0.275	6.7	24.32
9998	40.2695	117.4676	-268.9	317	TS6	0	0	0	0	82	25.9	2887	103	202	237	1.961	0.852	0.435	6.8	24.32
9999	40.2689	117.4676	-277.6	318	TS6	0	0	0	0	92	31.4	2854	93	226	196	2.430	1.153	0.474	6.8	24.34
10000	40.2684	117.4676	-286.2	320	TS6	0	0	0	0	76	31.4	2816	92	185	251	2.011	0.737	0.367	6.8	24.34
10001	40.2678	117.4676	-297.4	330	TS6	0	0	0	0	86	31.5	2933	76	224	249	2.947	0.900	0.305	6.8	24.36
10002	40.2673	117.4676	-306.8	352	TS6	0	0	0	0	83	31.7	2946	76	238	235	3.132	1.013	0.323	6.8	24.36
10003	40.2667	117.4676	-314.7	363	TS6	0	0	0	0	81	31.8	3035	101	122	306	1.208	0.399	0.330	6.8	24.37
10004	40.2661	117.4676	-324.9	366	TS6	0	0	0	0	78	31.9	2951	87	203	232	2.333	0.875	0.375	6.8	24.37
10005	40.2656	117.4677	-331.0	369	TS6	0	0	0	0	74	31.9	3023	93	189	219	2.032	0.863	0.425	6.8	24.37
10006	40.2650	117.4677	-336.7	367	TS6	0	0	0	0	84	31.9	2989	99	204	204	2.061	1.000	0.485	6.8	24.38
10007	40.2644	117.4677	-356.9	366	TS6	0	0	0	0	86	31.9	2961	91	154	249	1.692	0.618	0.365	6.9	24.39
10008	40.2639	117.4677	-364.7	359	TS6	0	0	0	0	82	31.8	2780	76	158	273	2.079	0.579	0.278	6.9	24.40
10009	40.2633	117.4677	-369.7	353	TS6	0	0	0	0	86	31.7	2793	85	149	253	1.753	0.589	0.336	6.9	24.41
10010	40.2627	117.4677	-375.9	343	TS6	0	0	0	0	83	31.6	2743	81	158	216	1.951	0.731	0.375	6.9	24.42
10011	40.2622	117.4677	-383.7	336	TS6	0	0	0	0	81	31.6	3081	76	293	185	3.855	1.584	0.411	7.0	24.42
10012	40.2616	117.4677	-388.4	331	TS6	0	0	0	0	66	31.5	2666	84	184	196	2.190	0.939	0.429	7.0	24.43
10013	40.2611	117.4677	-393.6	330	TS6	0	0	0	0	77	31.5	2644	74	136	254	1.838	0.535	0.291	7.1	24.44
10014	40.2605	117.4678	-398.6	324	TS6	0	0	0	0	82	31.4	2792	77	189	227	2.455	0.833	0.339	7.1	24.45
10015	40.2599	117.4678	-399.5	323	QAL	0	0	0	0	73	31.4	2848	79	207	200	2.620	1.035	0.395	7.1	24.46
10016	40.2594	117.4678	-401.5	322	QAL	0	0	0	0	76	31.4	2738	89	117	263	1.315	0.445	0.338	7.1	24.47
10017	40.2588	117.4678	-405.4	326	QAL	0	0	0	0	78	31.4	2758	94	240	204	2.553	1.176	0.461	7.1	24.47
10018	40.2582	117.4678	-407.6	325	QAL	0	0	0	0	85	32.1	2776	69	178	252	2.580	0.706	0.274	7.1	24.47
10019	40.2577	117.4678	-411.5	326	QAL	0	0	0	0	86	32.1	2869	91	203	215	2.231	0.944	0.423	7.1	24.48
10020	40.2572	117.4678	-409.1	314	QAL	0	0	0	0	77	32.0	2783	66	298	191	4.515	1.560	0.346	7.1	24.49
10021	40.2567	117.4678	-407.9	302	QAL	0	0	0	0	81	31.8	2642	72	235	190	3.264	1.237	0.379	7.1	24.49
10022	40.2562	117.4678	-407.1	300	QAL	0	0	0	0	92	31.8	2714	79	179	227	2.266	0.789	0.348	7.0	24.49
10023	40.2556	117.4678	-403.3	307	QAL	0	0	0	0	84	31.9	2793	86	114	270	1.326	0.422	0.319	7.1	24.50
10024	40.2551	117.4679	-400.6	292	QAL	0	0	0	0	73	31.7	2882	120	126	205	1.050	0.615	0.585	7.0	24.50
10025	40.2546	117.4679	-393.4	287	QAL	0	0	0	0	87	31.7	2835	71	210	245	2.958	0.857	0.290	7.0	24.50
10026	40.2541	117.4679	-388.7	306	QAL	0	0	0	0	77	31.9	2984	92	150	243	1.630	0.617	0.379	7.0	24.51
10027	40.2536	117.4679	-379.7	325	QAL	0	0	0	0	71	32.1	2924	73	200	256	2.740	0.781	0.285	7.0	24.51
10028	40.2531	117.4679	-373.6	333	QAL	0	0	0	0	77	32.2	2863	68	191	266	2.809	0.718	0.256	7.0	24.51
10029	40.2525	117.4679	-363.3	332	QAL	0	0	0	0	88	32.2	2981	88	132	283	1.500	0.466	0.311	7.0	24.51
10030	40.2520	117.4679	-356.1	325	QAL	0	0	0	0	80	32.1	2836	75	164	273	2.187	0.601	0.275	7.0	24.52
10031	40.2515	117.4679	-347.4	321	QAL	0	0	0	0	82	32.1	2696	83	163	216	1.964	0.755	0.384	7.1	24.52
10032	40.2510	117.4679	-332.1	319	QAL	0	0	0	0	76	32.0	2619	70	220	196	3.143	1.122	0.357	7.1	24.52
10033	40.2505	117.4679	-326.3	319	QAL	0	0	0	0	82	32.0	2492	42	223	218	5.310	1.023	0.193	7.0	24.52
10034	40.2500	117.4679	-319.9	311	QAL	0	0	0	0	81	31.9	2424	73	143	186	1.959	0.769	0.392	7.0	24.52
10035	40.2494	117.4680	-314.4	305	QAL	0	0	0	0	71	31.9	2399	61	150	229	2.459	0.655	0.266	7.1	24.52
10036	40.2489	117.4680	-311.6	302	QAL	0	0	0	0	74	31.8	2416	53	245	157	4.623	1.561	0.338	7.0	24.52
10037	40.2484	117.4680	-305.8	300	QAL	0	0	0	0	89	26.7	2415	76	154	183	2.026	0.842	0.415	7.0	24.52
10038	40.2479	117.4680	-301.3	300	QAL	0	0	0	0	77	26.7	2540	78	121	224	1.551	0.540	0.348	7.0	24.52
10039	40.2474	117.4680	-298.5	303	QAL	0	0	0	0	75	26.7	2522	69	172	237	2.493	0.726	0.291	7.1	24.52
10040	40.2468	117.4680	-295.0	327	QAL	0	0	0	0	76	26.9	2773	73	166	223	2.274	0.744	0.327	7.1	24.53
10041	40.2463	117.4680	-291.7	328	QAL	0	0	0	0	83	26.9	2629	63	171	229	2.714	0.747	0.275	7.1	24.53
10042	40.2458	117.4680	-288.9	331	QAL	0	0	0	0	74	26.9	2696	66	244	211	3.697	1.156	0.313	7.1	24.53
10043	40.2453	117.4680	-287.4	356	QAL	0	0	0	0	91	27.1	2783	59	274	222	4.644	1.234	0.266	7.1	24.53
10044	40.2448	117.4680	-284.5	364	QAL	0	0	0	0	67	27.2	2941	69	225	249	3.261	0.904	0.277	7.1	24.53
10045	40.2443	117.4681	-277.0	364	QAL	0	0	0	0	71	27.2	2697	77	272	179	3.532	1.520	0.430	7.2	24.53
10046	40.2437	117.4681	-274.6	375	QAL	0	0	0	0	82	27.3	2735	67	175	286	2.612	0.612	0.234	7.2	24.53

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
10047	40.2432	117.4681	-275.8	383	QAL	0	0	0	0	82	27.3	2875	60	222	296	3.700	0.750	0.203	7.2	24.53
10048	40.2427	117.4681	-274.4	397	QAL	0	0	0	0	76	27.4	2736	54	256	199	4.741	1.286	0.271	7.2	24.54
10049	40.2422	117.4681	-269.5	409	QAL	0	0	0	0	80	27.5	2574	65	191	226	2.938	0.845	0.288	7.2	24.54
10050	40.2417	117.4681	-270.6	425	QAL	0	0	0	0	77	27.6	2720	58	220	223	3.793	0.987	0.260	7.3	24.54
10051	40.2411	117.4681	-262.4	436	QAL	0	0	0	0	76	27.7	2602	74	166	232	2.243	0.716	0.319	7.3	24.55
10052	40.2406	117.4681	-260.4	440	QAL	0	0	0	0	78	27.7	2691	60	204	213	3.400	0.958	0.282	7.4	24.55
10053	40.2401	117.4681	-259.9	431	QAL	0	0	0	0	82	27.7	2646	64	169	229	2.641	0.738	0.279	7.4	24.55
10054	40.2396	117.4681	-256.7	417	QAL	0	0	0	0	81	27.6	2508	57	183	219	3.211	0.836	0.260	7.4	24.55
10055	40.2391	117.4682	-252.7	384	QAL	0	0	0	0	74	27.3	2565	65	256	135	3.938	1.896	0.481	7.4	24.55
10056	40.2386	117.4682	-249.5	374	QAL	0	0	0	0	75	21.2	2519	82	128	208	1.561	0.615	0.394	7.4	24.55
10057	40.2380	117.4682	-249.8	394	QAL	0	0	0	0	79	21.3	2613	61	210	163	3.443	1.288	0.374	7.4	24.56
10058	40.2375	117.4682	-245.0	397	QAL	0	0	0	0	82	21.3	2914	77	181	214	2.351	0.846	0.360	7.4	24.56
10059	40.2370	117.4682	-242.7	373	QAL	0	0	0	0	82	21.2	2610	80	190	197	2.375	0.964	0.406	7.4	24.56
10060	40.2365	117.4682	-242.5	357	QAL	0	0	0	0	71	21.2	2596	75	196	204	2.613	0.961	0.368	7.4	24.57
10061	40.2360	117.4682	-242.1	345	QAL	0	0	0	0	79	21.1	2578	72	161	205	2.236	0.785	0.351	7.4	24.58
10062	40.2354	117.4682	-240.9	333	QAL	0	0	0	0	68	21.1	2482	60	167	220	2.783	0.759	0.273	7.4	24.58
10063	40.2349	117.4682	-235.0	317	QAL	0	0	0	0	71	21.0	2570	78	115	223	1.474	0.516	0.350	7.4	24.59
10064	40.2344	117.4682	-234.9	316	QAL	0	0	0	0	62	21.0	2420	63	155	248	2.460	0.625	0.254	7.3	24.59
10065	40.2339	117.4682	-235.5	338	QAL	0	0	0	0	79	21.1	2580	55	197	214	3.582	0.921	0.257	7.3	24.59
10066	40.2334	117.4683	-236.5	329	QAL	0	0	0	0	86	21.1	2502	61	111	202	1.820	0.550	0.302	7.3	24.59
10067	40.2329	117.4683	-235.9	310	QAL	0	0	0	0	79	21.0	2489	85	151	184	1.776	0.821	0.462	7.3	24.60
10068	40.2323	117.4683	-231.5	293	QAL	0	0	0	0	72	20.9	2606	64	164	241	2.563	0.680	0.266	7.3	24.60
10069	40.2318	117.4683	-227.2	290	QAL	0	0	0	0	76	20.9	2563	71	189	207	2.662	0.913	0.343	7.3	24.60
10070	40.2313	117.4683	-223.3	301	QAL	0	0	0	0	80	20.9	2614	76	143	232	1.882	0.616	0.328	7.4	24.60
10071	40.2308	117.4683	-225.9	312	QAL	0	0	0	0	89	21.0	2582	80	135	272	1.688	0.496	0.294	7.3	24.61
10072	40.2303	117.4683	-222.7	301	QAL	0	0	0	0	76	21.0	2789	53	184	251	3.472	0.733	0.211	7.4	24.61
10073	40.2297	117.4683	-219.1	284	QAL	0	0	0	0	80	20.9	2682	61	186	225	3.049	0.827	0.271	7.4	24.61
10074	40.2292	117.4683	-221.2	268	QAL	0	0	0	0	73	20.8	2639	64	194	221	3.031	0.878	0.290	7.4	24.62
10075	40.2287	117.4683	-220.7	265	QAL	0	0	0	0	78	25.8	2544	66	229	204	3.470	1.123	0.324	7.4	24.61
10076	40.2282	117.4684	-224.1	269	QAL	0	0	0	0	79	25.8	2457	48	196	230	4.083	0.852	0.209	7.5	24.62
10077	40.2277	117.4684	-222.3	276	QAL	0	0	0	0	74	25.9	2669	67	235	177	3.507	1.328	0.379	7.5	24.62
10078	40.2272	117.4684	-221.5	277	QAL	0	0	0	0	72	25.9	2600	67	225	240	3.358	0.938	0.279	7.5	24.62
10079	40.2266	117.4684	-224.4	281	QAL	0	0	0	0	82	25.9	2827	79	175	232	2.215	0.754	0.341	7.5	24.61
10080	40.2261	117.4684	-223.6	286	QAL	0	0	0	0	82	26.0	2879	72	264	177	3.667	1.492	0.407	7.5	24.61
10081	40.2255	117.4684	-226.2	287	QAL	0	0	0	0	67	26.0	2780	84	149	258	1.774	0.578	0.326	7.4	24.61
10082	40.2249	117.4685	-225.2	287	QAL	0	0	0	0	83	26.0	2687	63	232	250	3.683	0.928	0.252	7.4	24.61
10083	40.2243	117.4685	-230.8	284	QAL	0	0	0	0	80	26.0	2750	62	274	202	4.419	1.356	0.307	7.4	24.61
10084	40.2238	117.4686	-226.3	279	QAL	0	0	0	0	82	25.9	2636	69	212	231	3.072	0.918	0.299	7.4	24.61
10085	40.2232	117.4686	-228.0	276	QAL	0	0	0	0	77	25.9	2701	59	184	260	3.119	0.708	0.227	7.4	24.61
10086	40.2226	117.4686	-228.2	276	QAL	0	0	0	0	74	25.9	2845	72	126	284	1.750	0.444	0.254	7.4	24.61
10087	40.2220	117.4687	-228.6	272	QAL	0	0	0	0	75	25.9	2655	66	157	272	2.379	0.577	0.243	7.4	24.62
10088	40.2214	117.4687	-230.3	267	QAL	0	0	0	0	79	25.8	2910	75	122	275	1.627	0.444	0.273	7.4	24.62
10089	40.2208	117.4688	-229.0	265	QAL	0	0	0	0	87	25.8	2898	70	207	221	2.957	0.937	0.317	7.4	24.62
10090	40.2202	117.4688	-229.1	268	QAL	0	0	0	0	78	25.8	2719	74	153	253	2.068	0.605	0.292	7.4	24.62
10091	40.2196	117.4688	-228.3	272	QAL	0	0	0	0	67	25.9	2759	73	183	245	2.507	0.747	0.298	7.4	24.62
10092	40.2190	117.4689	-226.9	271	QAL	0	0	0	0	73	25.8	2863	61	199	260	3.262	0.765	0.235	7.4	24.62
10093	40.2184	117.4689	-227.1	271	QAL	0	0	0	0	74	25.9	2592	66	160	262	2.424	0.611	0.252	7.4	24.62
10094	40.2178	117.4690	-227.2	275	QAL	0	0	0	0	83	35.7	2838	63	171	234	2.714	0.731	0.269	7.4	24.61
10095	40.2172	117.4690	-227.7	271	QAL	0	0	0	0	71	35.7	2679	90	101	210	1.122	0.481	0.429	7.5	24.61
10096	40.2167	117.4691	-227.1	271	QAL	0	0	0	0	71	35.7	2801	73	130	282	1.781	0.461	0.259	7.5	24.61
10097	40.2161	117.4691	-226.5	267	QAL	0	0	0	0	78	35.6	2661	62	174	258	2.806	0.674	0.240	7.5	24.61
10098	40.2155	117.4691	-225.7	265	QAL	0	0	0	0	75	35.6	2606	65	160	244	2.462	0.656	0.266	7.6	24.61
10099	40.2149	117.4692	-224.9	258	QAL	0	0	0	0	76	35.5	2615	88	116	246	1.318	0.472	0.358	7.6	24.61
10100	40.2143	117.4692	-225.9	256	QAL	0	0	0	0	78	35.5	2743	57	148	267	2.596	0.554	0.213	7.7	24.61

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
10101	40.2137	117.4693	-225.0	255	QAL	0	0	0	0	82	35.4	2625	58	144	251	2.483	0.574	0.231	7.7	24.61
10102	40.2131	117.4693	-226.2	260	QAL	0	0	0	0	78	35.5	2719	60	186	253	3.100	0.735	0.237	7.6	24.61
10103	40.2125	117.4693	-223.3	263	QAL	0	0	0	0	76	35.6	2680	74	130	279	1.757	0.466	0.265	7.6	24.60
10104	40.2119	117.4694	-224.2	266	QAL	0	0	0	0	82	35.6	2700	59	169	236	2.864	0.716	0.250	7.6	24.59
10105	40.2113	117.4694	-223.4	267	QAL	0	0	0	0	76	35.6	2623	61	229	247	3.754	0.927	0.247	7.7	24.59
10106	40.2107	117.4695	-221.8	271	QAL	0	0	0	0	70	35.7	2634	67	172	235	2.567	0.732	0.285	7.8	24.60
10107	40.2101	117.4695	-224.7	267	QAL	0	0	0	0	88	35.6	2558	85	196	188	2.306	1.043	0.452	7.8	24.60
10108	40.2096	117.4695	-221.9	259	QAL	0	0	0	0	82	35.5	2634	81	161	228	1.988	0.706	0.355	7.9	24.60
10109	40.2090	117.4696	-225.1	255	QAL	0	0	0	0	90	35.4	2715	80	226	221	2.825	1.023	0.362	7.9	24.60
10110	40.2084	117.4696	-224.8	252	QAL	0	0	0	0	80	35.4	2743	78	177	268	2.269	0.660	0.291	7.9	24.60
10111	40.2078	117.4697	-223.8	244	QAL	0	0	0	0	78	35.3	2781	78	265	208	3.397	1.274	0.375	8.0	24.61
10112	40.2072	117.4697	-224.2	240	QAL	0	0	0	0	77	35.2	2837	88	167	242	1.898	0.690	0.364	8.0	24.61
10113	40.2068	117.4697	-221.6	235	QAL	0	0	0	0	74	43.3	2749	76	122	322	1.605	0.379	0.236	8.0	24.60
10114	40.2064	117.4696	-225.2	232	QAL	0	0	0	0	63	43.2	2754	85	130	315	1.529	0.413	0.270	8.1	24.60
10115	40.2061	117.4696	-221.7	227	QAL	0	0	0	0	72	43.2	2740	83	105	302	1.265	0.348	0.275	8.1	24.61
10116	40.2057	117.4695	-221.6	225	QAL	0	0	0	0	73	43.1	2767	72	206	261	2.861	0.789	0.276	8.1	24.61
10117	40.2053	117.4695	-218.1	223	QAL	0	0	0	0	72	43.1	2700	84	128	302	1.524	0.424	0.278	8.2	24.61
10118	40.2049	117.4694	-216.4	223	QAL	0	0	0	0	74	43.1	2873	83	222	247	2.675	0.899	0.336	8.2	24.60
10119	40.2046	117.4694	-215.2	225	QAL	0	0	0	0	84	43.1	2754	99	121	289	1.222	0.419	0.343	8.2	24.60
10120	40.2042	117.4694	-215.7	229	QAL	0	0	0	0	84	43.2	2885	70	218	229	3.114	0.952	0.306	8.3	24.60
10121	40.2038	117.4693	-218.3	230	QAL	0	0	0	0	72	43.2	2774	84	195	277	2.321	0.704	0.303	8.3	24.59
10122	40.2034	117.4693	-213.9	228	QAL	0	0	0	0	82	43.2	2777	79	216	229	2.734	0.943	0.345	8.4	24.59
10123	40.2031	117.4692	-214.4	228	QAL	0	0	0	0	81	43.2	2856	75	178	282	2.373	0.631	0.266	8.4	24.59
10124	40.2027	117.4692	-211.2	226	QAL	0	0	0	0	73	43.1	2951	86	177	251	2.058	0.705	0.343	8.4	24.60
10125	40.2023	117.4691	-213.6	222	QAL	0	0	0	0	78	43.0	2904	89	234	269	2.629	0.870	0.331	8.5	24.59
10126	40.2019	117.4691	-212.9	219	QAL	0	0	0	0	73	43.0	2908	99	230	270	2.323	0.852	0.367	8.6	24.60
10127	40.2015	117.4691	-212.4	221	QAL	0	0	0	0	82	43.0	2805	76	181	291	2.382	0.622	0.261	8.6	24.60
10128	40.2012	117.4690	-208.2	223	QAL	0	0	0	0	72	43.1	2785	86	223	237	2.593	0.941	0.363	8.6	24.60
10129	40.2008	117.4690	-205.7	230	QAL	0	0	0	0	79	43.2	2766	75	136	273	1.813	0.498	0.275	8.7	24.59
10130	40.2004	117.4689	-207.7	236	QAL	0	0	0	0	78	43.3	2630	75	169	228	2.253	0.741	0.329	8.7	24.59
10131	40.2000	117.4689	-208.4	248	QAL	0	0	0	0	72	43.6	2449	62	277	187	4.468	1.481	0.332	8.7	24.58
10132	40.1997	117.4688	-208.9	256	QAL	0	0	0	0	89	43.7	2574	71	102	254	1.437	0.402	0.280	8.7	24.57
10133	40.1993	117.4688	-204.4	268	QAL	0	0	0	0	77	44.0	2394	54	168	237	3.111	0.709	0.228	8.8	24.56
10134	40.1989	117.4687	-206.6	274	QAL	0	0	0	0	76	44.1	2537	77	131	215	1.701	0.609	0.358	8.9	24.56
10135	40.1985	117.4687	-206.8	280	QAL	0	0	0	0	75	44.3	2468	60	268	131	4.467	2.046	0.458	8.9	24.55
10136	40.1982	117.4687	-209.1	283	QAL	0	0	0	0	72	44.3	2267	55	148	173	2.691	0.855	0.318	8.9	24.55
10137	40.1978	117.4686	-207.7	283	QAL	0	0	0	0	86	44.3	2297	41	162	194	3.951	0.835	0.211	9.0	24.55
10138	40.1974	117.4686	-213.5	284	QAL	0	0	0	0	89	44.3	2331	53	60	211	1.132	0.284	0.251	9.0	24.54
10139	40.1970	117.4685	-219.5	289	QAL	0	0	0	0	84	44.4	2229	43	155	177	3.605	0.876	0.243	9.1	24.53
10140	40.1967	117.4685	-228.8	291	TA	0	0	0	0	76	44.5	2162	50	150	160	3.000	0.938	0.313	9.1	24.53
10141	40.1963	117.4684	-231.5	298	TA	0	0	0	0	74	44.6	2249	47	161	176	3.426	0.915	0.267	9.1	24.52
10142	40.1959	117.4684	-236.6	298	TA	0	0	0	0	71	44.6	2278	47	82	218	1.745	0.376	0.216	9.1	24.52
10143	40.1955	117.4684	-242.5	287	TA	0	0	0	0	78	44.4	2332	60	117	214	1.950	0.547	0.280	9.1	24.52
10144	40.1951	117.4683	-244.1	278	TA	0	0	0	0	79	44.2	2361	66	102	220	1.545	0.464	0.300	9.1	24.52
10145	40.1948	117.4683	-250.0	269	TA	0	0	0	0	84	44.0	2351	39	189	187	4.846	1.011	0.209	9.2	24.51
10146	40.1944	117.4682	-250.5	267	TA	0	0	0	0	75	44.0	2454	64	121	206	1.891	0.587	0.311	9.2	24.51
10147	40.1940	117.4682	-249.6	264	TA	0	0	0	0	85	43.9	2219	62	100	184	1.613	0.543	0.337	9.2	24.50
10148	40.1936	117.4681	-251.9	263	TA	0	0	0	0	76	43.9	2205	50	188	147	3.760	1.279	0.340	9.2	24.49
10149	40.1933	117.4681	-254.0	261	TA	0	0	0	0	74	43.8	2203	63	104	145	1.651	0.717	0.434	9.2	24.48
10150	40.1929	117.4680	-255.3	264	TA	0	0	0	0	77	43.9	2152	56	83	186	1.482	0.446	0.301	9.2	24.47
10151	40.1925	117.4680	-254.1	267	TA	0	0	0	0	77	38.7	2275	58	151	161	2.603	0.938	0.360	9.2	24.46
10152	40.1921	117.4680	-259.6	267	TA	0	0	0	0	73	38.7	2336	60	60	226	1.000	0.265	0.265	9.2	24.46
10153	40.1918	117.4679	-257.9	270	TA	0	0	0	0	79	38.8	2306	54	117	169	2.167	0.692	0.320	9.2	24.45
10154	40.1914	117.4679	-260.7	269	TA	0	0	0	0	89	38.7	2589	46	195	164	4.239	1.189	0.280	9.3	24.44

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
10155	40.1910	117.4678	-263.0	270	TA	0	0	0	0	82	38.8	2290	61	111	206	1.820	0.539	0.296	9.3	24.44
10156	40.1906	117.4678	-260.5	279	TA	0	0	0	0	80	38.9	2332	53	143	176	2.698	0.813	0.301	9.3	24.43
10157	40.1903	117.4677	-259.0	286	TA	0	0	0	0	81	39.0	2371	56	95	228	1.696	0.417	0.246	9.3	24.43
10158	40.1899	117.4677	-262.2	290	TA	0	0	0	0	78	39.1	2405	63	93	235	1.476	0.396	0.268	9.3	24.43
10159	40.1895	117.4677	-257.6	285	TA	0	0	0	0	79	39.0	2381	46	125	209	2.717	0.598	0.220	9.4	24.42
10160	40.1891	117.4676	-256.2	277	TA	0	0	0	0	84	38.9	2528	69	120	203	1.739	0.591	0.340	9.4	24.41
10161	40.1888	117.4676	-257.5	271	TA	0	0	0	0	86	38.8	2389	62	80	219	1.290	0.365	0.283	9.4	24.41
10162	40.1884	117.4675	-256.6	268	TA	0	0	0	0	87	38.7	2404	49	165	209	3.367	0.789	0.234	9.4	24.40
10163	40.1880	117.4675	-257.1	277	TA	0	0	0	0	87	38.9	2412	60	137	190	2.283	0.721	0.316	9.4	24.40
10164	40.1876	117.4674	-256.0	295	TA	0	0	0	0	75	39.2	2352	62	99	213	1.597	0.465	0.291	9.5	24.38
10165	40.1872	117.4674	-258.4	317	TA	0	0	0	0	87	39.6	2310	48	151	203	3.146	0.744	0.236	9.5	24.37
10166	40.1869	117.4674	-260.2	340	TA	0	0	0	0	82	39.9	2283	56	130	150	2.321	0.867	0.373	9.5	24.34
10167	40.1865	117.4673	-260.2	343	TA	0	0	0	0	83	40.0	2389	58	85	209	1.466	0.407	0.278	9.5	24.32
10168	40.1861	117.4673	-265.0	325	TA	0	0	0	0	79	39.7	2360	51	104	187	2.039	0.556	0.273	9.5	24.30
10169	40.1857	117.4672	-261.9	311	TA	0	0	0	0	74	39.5	2129	37	135	193	3.649	0.699	0.192	9.5	24.29
10170	40.1854	117.4672	-262.0	332	TA	0	0	0	0	94	33.5	2133	46	104	172	2.261	0.605	0.267	9.5	24.26
10171	40.1850	117.4671	-266.2	379	TA	0	0	0	0	86	34.1	2313	59	111	169	1.881	0.657	0.349	9.5	24.24
10172	40.1846	117.4671	-265.0	376	TA	0	0	0	0	76	34.0	2385	32	156	165	4.875	0.945	0.194	9.4	24.22
10173	40.1842	117.4670	-263.7	356	TA	0	0	0	0	85	33.8	2133	26	162	147	6.231	1.102	0.177	9.4	24.19
10174	40.1839	117.4670	-262.9	343	TA	0	0	0	0	78	33.6	2095	54	86	166	1.593	0.518	0.325	9.4	24.16
10175	40.1835	117.4670	-263.8	324	TA	0	0	0	0	80	33.4	2169	44	147	175	3.341	0.840	0.251	9.3	24.13
10176	40.1831	117.4669	-262.6	297	TA	0	0	0	0	91	33.1	2005	32	152	129	4.750	1.178	0.248	9.2	24.12
10177	40.1826	117.4669	-264.1	294	TA	0	0	0	0	78	33.0	1999	48	84	179	1.750	0.469	0.268	9.2	24.10
10178	40.1821	117.4669	-262.6	317	TA	0	0	0	0	89	33.3	2091	40	96	185	2.400	0.519	0.216	9.2	24.08
10179	40.1816	117.4669	-260.9	339	TA	0	0	0	0	90	33.6	2164	53	83	182	1.566	0.456	0.291	9.2	24.06
10180	40.1811	117.4669	-259.7	307	TA	0	0	0	0	84	33.2	1981	42	101	177	2.405	0.571	0.237	9.1	24.05
10181	40.1806	117.4669	-258.4	266	TA	0	0	0	0	81	32.7	1933	35	147	143	4.200	1.028	0.245	9.1	24.03
10182	40.1800	117.4669	-258.3	274	TA	0	0	0	0	85	32.8	1800	39	105	142	2.692	0.739	0.275	9.0	24.00
10183	40.1795	117.4669	-256.5	313	TA	0	0	0	0	91	33.3	1866	28	210	90	7.500	2.333	0.311	9.1	23.98
10184	40.1790	117.4669	-254.6	354	TA	0	0	0	0	81	33.8	1979	44	95	128	2.159	0.742	0.344	9.0	23.96
10185	40.1785	117.4669	-255.2	401	TA	0	0	0	0	83	34.3	2120	43	73	196	1.698	0.372	0.219	9.0	23.93
10186	40.1780	117.4669	-254.1	412	TA	0	0	0	0	97	34.4	2130	40	137	181	3.425	0.757	0.221	9.0	23.92
10187	40.1775	117.4669	-255.2	360	TA	0	0	0	0	85	33.8	1999	39	96	157	2.462	0.611	0.248	9.0	23.90
10188	40.1770	117.4669	-253.4	307	TA	0	0	0	0	89	33.2	2008	47	79	178	1.681	0.444	0.264	8.9	23.88
10189	40.1765	117.4669	-253.3	319	TA	0	0	0	0	84	27.4	2046	47	78	190	1.660	0.411	0.247	9.0	23.86
10190	40.1760	117.4669	-251.8	368	TA	0	0	0	0	81	27.8	2124	43	161	177	3.744	0.910	0.243	8.9	23.85
10191	40.1755	117.4669	-249.5	373	TA	0	0	0	0	81	27.8	2164	50	107	208	2.140	0.514	0.240	8.9	23.82
10192	40.1749	117.4669	-251.0	344	TA	0	0	0	0	92	27.6	2052	30	161	147	5.367	1.095	0.204	9.0	23.80
10193	40.1744	117.4669	-250.1	294	TA	0	0	0	0	86	27.2	1966	41	70	172	1.707	0.407	0.238	9.0	23.79
10194	40.1739	117.4669	-251.1	260	TA	0	0	0	0	84	26.9	1855	45	115	143	2.500	0.804	0.322	9.0	23.78
10195	40.1734	117.4669	-251.1	286	TA	0	0	0	0	90	27.1	1785	45	73	136	1.622	0.537	0.331	9.0	23.76
10196	40.1729	117.4669	-250.5	353	TA	0	0	0	0	90	27.7	1844	34	111	135	3.265	0.822	0.252	9.0	23.75
10197	40.1724	117.4669	-248.8	432	TA	0	0	0	0	83	28.3	1900	36	104	125	2.889	0.832	0.288	9.0	23.74
10198	40.1719	117.4669	-247.3	489	TA	0	0	0	0	82	28.7	1977	29	93	157	3.207	0.592	0.185	9.0	23.73
*10199	0.1714	117.4669	-247.0	522	TA	0	0	0	0	97	28.9	2086	41	85	144	2.073	0.590	0.285	9.0	23.73
10200	40.1709	117.4669	-246.4	592	TJG	0	0	0	0	87	29.4	2268	34	120	195	3.529	0.615	0.174	8.9	23.73
10201	40.1703	117.4669	-245.1	603	TJG	0	0	0	0	90	29.5	2174	26	95	214	3.654	0.444	0.121	8.9	23.72
10202	40.1698	117.4669	-246.4	523	TJG	0	0	0	0	98	28.9	1976	21	122	150	5.810	0.813	0.140	8.9	23.73
10203	40.1693	117.4669	-247.6	493	TJG	0	0	0	0	88	28.7	2074	32	149	112	4.656	1.330	0.286	8.9	23.72
10204	40.1688	117.4669	-245.9	492	TJG	0	0	0	0	95	28.7	1858	38	75	112	1.974	0.670	0.339	8.9	23.71
10205	40.1683	117.4669	-244.1	498	TJG	0	0	0	0	95	28.8	1745	21	83	138	3.952	0.601	0.152	8.9	23.70
10206	40.1678	117.4669	-243.5	556	TJG	0	0	0	0	93	29.2	1855	29	56	151	1.931	0.371	0.192	8.8	23.70
10207	40.1673	117.4669	-245.3	615	TJG	0	0	0	0	91	29.5	1872	32	102	117	3.188	0.872	0.274	8.8	23.70
10208	40.1668	117.4669	-243.5	703	TJG	1	0	1	0	88	28.8	1896	62	11	146	0.177	0.075	0.425	8.8	23.70

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
10209	40.1663	117.4669	-241.6	774	TJG	1	0	0	0	83	29.2	2130	31	95	152	3.065	0.625	0.204	8.8	23.69
10210	40.1658	117.4669	-240.4	865	TJG	1	0	0	0	90	29.6	2083	31	118	115	3.806	1.026	0.270	8.7	23.69
10211	40.1652	117.4669	-240.0	933	TJG	1	0	0	0	97	29.9	2165	37	116	77	3.135	1.506	0.481	8.8	23.69
10212	40.1647	117.4669	-237.6	954	TJG	1	0	0	0	97	30.0	2548	29	183	118	6.310	1.551	0.246	8.8	23.68
10213	40.1642	117.4669	-238.5	902	TJG	1	0	0	0	86	29.7	2040	45	65	170	1.444	0.382	0.265	8.8	23.68
10214	40.1637	117.4669	-237.8	794	TJG	1	0	0	0	87	29.3	2130	41	79	167	1.927	0.473	0.246	8.8	23.68
10215	40.1632	117.4669	-239.1	668	TJG	0	0	0	0	88	28.7	1949	42	51	175	1.214	0.291	0.240	8.8	23.67
10216	40.1627	117.4669	-237.7	583	TJG	0	0	0	0	85	28.2	1783	22	93	136	4.227	0.684	0.162	8.8	23.67
10217	40.1622	117.4669	-238.0	492	TJG	0	0	0	0	97	27.6	1708	21	120	113	5.714	1.062	0.186	8.8	23.67
10218	40.1617	117.4669	-238.2	432	IPP2	0	0	0	0	94	27.2	1886	25	136	91	5.440	1.495	0.275	8.7	23.67
10219	40.1612	117.4669	-234.8	439	IPP2	0	0	0	0	98	27.3	1685	33	83	122	2.515	0.680	0.270	8.7	23.66
10220	40.1607	117.4669	-230.9	485	IPP2	0	0	0	0	86	27.6	1748	15	106	145	7.067	0.731	0.103	8.7	23.65
10221	40.1601	117.4669	-228.1	495	IPP2	0	0	0	0	89	27.6	2014	40	154	82	3.850	1.878	0.488	8.7	23.65
10222	40.1596	117.4669	-224.3	497	IPP2	0	0	0	0	97	27.7	1990	24	72	161	3.000	0.447	0.149	8.7	23.65
10223	40.1591	117.4669	-224.9	482	IPP2	0	0	0	0	81	27.6	1863	51	72	108	1.412	0.667	0.472	8.7	23.64
10224	40.1586	117.4668	-223.8	426	IPP2	0	0	0	0	86	27.2	1783	29	131	125	4.517	1.048	0.232	8.7	23.64
10225	40.1581	117.4668	-224.2	433	IPP2	0	0	0	0	91	27.2	1934	30	93	147	3.100	0.633	0.204	8.7	23.64
10226	40.1576	117.4668	-224.4	471	IPP2	0	0	0	0	92	27.5	1723	35	55	155	1.571	0.355	0.226	8.7	23.63
10227	40.1571	117.4668	-226.0	486	IPP2	0	0	0	0	77	35.3	2014	42	77	113	1.833	0.681	0.372	8.7	23.63
10228	40.1566	117.4668	-231.6	493	IPP2	0	0	1	0	83	35.4	1897	55	17	186	0.309	0.091	0.296	8.7	23.63
10229	40.1561	117.4668	-230.3	493	IPP2	0	0	0	0	95	35.4	2060	48	83	115	1.729	0.722	0.417	8.7	23.63
10230	40.1555	117.4668	-226.3	494	IPP2	0	0	0	0	86	35.4	1991	39	85	105	2.179	0.810	0.371	8.7	23.62
10231	40.1550	117.4668	-225.9	512	IPP2	0	0	0	0	83	35.5	2331	50	202	51	4.040	3.961	0.980	8.8	23.62
10232	40.1545	117.4668	-222.1	606	IPP2	0	0	0	0	96	36.4	2413	63	161	108	2.556	1.491	0.583	8.8	23.62
10233	40.1540	117.4668	-211.1	687	IPP2	0	0	0	0	99	37.2	2868	83	168	155	2.024	1.084	0.535	8.8	23.62
10234	40.1535	117.4668	-195.7	733	IPP2	1	0	0	0	94	37.5	3246	103	216	156	2.097	1.385	0.660	8.9	23.62
10235	40.1530	117.4668	-132.8	773	IPP2	1	0	0	0	95	37.8	3890	139	235	195	1.691	1.205	0.713	8.9	23.62
10236	40.1525	117.4668	-87.3	770	IPP2	1	0	0	0	93	37.8	4179	164	210	232	1.280	0.905	0.707	8.9	23.62
10237	40.1520	117.4668	-29.4	729	IPP2	1	0	0	0	95	37.5	4391	163	171	408	1.049	0.419	0.400	8.9	23.62
10238	40.1515	117.4668	33.4	639	IPP2	0	0	0	0	87	36.7	4265	158	252	260	1.595	0.969	0.608	8.8	23.62
10239	40.1510	117.4668	100.3	620	IPP2	0	0	0	0	93	36.6	4239	176	253	314	1.438	0.806	0.561	8.8	23.62
10240	40.1504	117.4668	160.0	639	IPP2	0	0	0	0	93	36.7	4511	171	347	255	2.029	1.361	0.671	8.8	23.62
10241	40.1499	117.4668	209.2	694	IPP2	0	0	0	0	103	37.2	4602	135	374	318	2.770	1.176	0.425	8.8	23.62
10242	40.1494	117.4668	250.4	714	IPP2	1	0	0	0	100	37.4	4921	197	417	226	2.117	1.845	0.872	8.8	23.63
10243	40.1489	117.4668	284.5	690	IPP2	0	0	0	0	95	37.2	4786	226	296	302	1.310	0.980	0.748	8.7	23.63
10244	40.1484	117.4668	318.5	629	IPP2	0	0	0	0	91	36.6	4550	219	321	171	1.466	1.877	1.281	8.6	23.63
10245	40.1479	117.4668	349.0	588	IPP2	0	0	0	0	89	36.3	4274	179	365	139	2.039	2.626	1.288	8.6	23.63
10246	40.1474	117.4668	373.0	624	IPP2	0	0	0	0	109	30.1	4262	203	254	241	1.251	1.054	0.842	8.6	23.63
10247	40.1469	117.4668	412.9	667	TFCM2	0	0	0	0	94	30.4	4233	213	188	250	0.883	0.752	0.852	8.5	23.63
10248	40.1464	117.4668	431.8	702	TFCM2	1	0	0	0	102	30.6	4258	177	269	227	1.520	1.185	0.780	8.5	23.63
10249	40.1458	117.4668	450.6	718	TFCM2	1	0	0	0	102	30.7	3753	144	244	192	1.694	1.271	0.750	8.5	23.63
10250	40.1453	117.4668	470.6	713	TFCM2	1	0	0	0	84	30.7	3286	131	163	197	1.244	0.827	0.665	8.5	23.63
10251	40.1448	117.4668	474.6	709	TFCM2	1	0	0	0	88	30.6	2953	98	191	169	1.949	1.130	0.580	8.4	23.64
10252	40.1443	117.4668	470.8	726	TFCM2	1	0	0	0	94	30.7	2646	99	57	149	0.576	0.383	0.664	8.4	23.63
10253	40.1438	117.4668	457.7	765	TFCM2	1	0	0	0	88	31.0	2441	70	179	53	2.557	3.377	1.321	8.3	23.63
10254	40.1433	117.4668	438.6	876	TFCM2	1	0	0	0	93	31.5	2590	99	78	104	0.788	0.750	0.952	8.4	23.63
10255	40.1428	117.4668	414.0	947	TFCM2	1	0	0	0	98	31.8	2996	98	72	199	0.735	0.362	0.492	8.3	23.63
10256	40.1423	117.4668	387.5	1008	TFCM2	2	0	0	0	96	32.1	2417	77	69	112	0.896	0.616	0.688	8.3	23.63
10257	40.1418	117.4668	362.3	1041	TFCM2	2	0	0	0	85	32.2	2475	54	103	129	1.907	0.798	0.419	8.3	23.63
10258	40.1413	117.4668	334.5	997	TFCM2	1	0	0	0	94	32.0	2292	39	86	154	2.205	0.558	0.253	8.2	23.63
10259	40.1407	117.4668	304.3	907	TFCM2	1	0	1	0	94	31.7	2382	43	26	198	0.605	0.131	0.217	8.2	23.63
10260	40.1402	117.4668	260.4	766	TFCM2	1	0	0	0	84	31.0	1957	43	102	41	2.372	2.488	1.049	8.2	23.63
10261	40.1397	117.4668	237.9	604	TFCM2	0	0	0	0	94	30.0	1760	28	102	105	3.643	0.971	0.267	8.1	23.63
10262	40.1392	117.4668	215.7	496	TFCM2	0	0	0	0	93	29.3	1730	33	78	77	2.364	1.013	0.429	8.1	23.62

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
10263	40.1387	117.4668	200.0	462	TFCM2	0	0	0	0	94	29.0	1890	29	78	85	2.690	0.918	0.341	8.0	23.62
10264	40.1382	117.4668	181.4	422	TFCM2	0	0	0	0	93	28.7	1647	25	107	91	4.280	1.176	0.275	8.0	23.62
10265	40.1377	117.4668	162.7	442	TFCM2	0	0	1	0	97	25.8	1803	44	18	148	0.409	0.122	0.297	8.0	23.62
10266	40.1372	117.4668	145.0	482	TFCM2	0	0	0	0	88	26.0	1770	28	104	106	3.714	0.981	0.264	8.1	23.61
10267	40.1367	117.4668	128.4	497	TFCM2	0	0	0	0	92	26.1	1733	29	116	80	4.000	1.450	0.363	8.2	23.61
10268	40.1362	117.4668	114.9	550	TFCM2	0	0	0	0	89	26.4	1804	19	108	99	5.684	1.091	0.192	8.2	23.61
10269	40.1356	117.4668	101.4	617	TFCM2	0	0	0	0	88	26.7	2103	50	118	91	2.360	1.297	0.549	8.2	23.61
10270	40.1351	117.4668	88.2	708	TFCM2	1	0	0	0	104	27.2	2410	49	90	123	1.837	0.732	0.398	8.2	23.61
10271	40.1346	117.4668	74.5	770	TFCM2	1	0	0	0	86	27.4	2422	43	198	64	4.605	3.094	0.672	8.2	23.61
10272	40.1341	117.4668	60.9	814	TFCM2	1	0	0	0	95	27.6	2561	29	76	228	2.621	0.333	0.127	8.3	23.60
10273	40.1336	117.4668	39.1	796	TFCM2	1	0	0	0	93	27.5	2359	55	81	166	1.473	0.488	0.331	8.3	23.60
10274	40.1331	117.4668	26.2	775	TFCM2	1	0	0	0	96	27.4	2366	49	82	224	1.673	0.366	0.219	8.3	23.59
10275	40.1326	117.4668	14.7	776	TFCM2	1	0	0	0	96	27.4	2451	54	109	195	2.019	0.559	0.277	8.3	23.59
10276	40.1321	117.4668	5.2	800	TFCM2	1	0	0	0	92	27.5	2870	77	75	173	0.974	0.434	0.445	8.3	23.58
10277	40.1316	117.4668	-4.8	825	TFCM2	1	0	0	0	93	27.6	2839	79	153	166	1.937	0.922	0.476	8.3	23.58
10278	40.1310	117.4668	-18.0	828	TFCM2	1	0	0	0	86	27.6	2762	74	112	211	1.514	0.531	0.351	8.3	23.57
10279	40.1305	117.4668	-25.3	820	TFCM2	1	0	0	0	91	27.6	2734	69	198	158	2.870	1.253	0.437	8.3	23.57
10280	40.1300	117.4668	-37.7	803	TFCM2	1	0	0	0	98	27.6	3014	66	180	211	2.727	0.853	0.313	8.3	23.57
10281	40.1295	117.4668	-49.8	726	TFCM2	1	0	0	0	89	27.2	3042	77	209	189	2.714	1.106	0.407	8.3	23.58
10282	40.1290	117.4668	-59.7	644	TFCM2	0	0	0	0	91	26.9	2982	50	185	202	3.700	0.916	0.248	8.3	23.58
10283	40.1285	117.4668	-67.4	575	TFCM2	0	0	0	0	96	26.5	2900	70	220	194	3.143	1.134	0.361	8.3	23.58
10284	40.1280	117.4668	-77.6	525	TFCM2	0	0	0	0	86	18.6	3233	94	237	229	2.521	1.035	0.410	8.3	23.58
10285	40.1275	117.4668	-94.6	492	TFCM2	0	0	0	0	93	18.6	3481	87	289	235	3.322	1.230	0.370	8.3	23.58
10286	40.1270	117.4668	-95.3	457	TFCM2	0	0	0	0	88	18.5	3637	99	302	252	3.051	1.198	0.393	8.3	23.58
10287	40.1265	117.4668	-99.4	381	TFCM2	0	0	0	0	85	18.3	3571	141	187	299	1.326	0.625	0.472	8.3	23.58
10288	40.1259	117.4668	-97.0	340	TFCM2	0	0	0	0	93	18.3	3372	96	321	239	3.344	1.343	0.402	8.4	23.57
10289	40.1254	117.4668	-89.4	316	TFCM2	0	0	0	0	92	18.2	3323	105	311	228	2.962	1.364	0.461	8.4	23.56
10290	40.1249	117.4668	-79.5	323	TFCM2	0	0	0	0	88	18.2	3307	91	212	315	2.330	0.673	0.289	8.4	23.54
10291	40.1244	117.4668	-75.4	338	TFCM2	0	0	0	0	83	18.2	3434	112	219	251	1.955	0.873	0.446	8.4	23.54
10292	40.1239	117.4668	-75.5	352	TFCM2	0	0	0	0	98	18.3	3481	124	213	276	1.718	0.772	0.449	8.4	23.55
10293	40.1234	117.4668	-79.3	342	TFCM2	0	0	0	0	88	18.3	3324	108	219	296	2.028	0.740	0.365	8.5	23.54
10294	40.1229	117.4668	-76.6	325	TFCM2	0	0	0	0	102	18.2	3305	105	272	216	2.590	1.259	0.486	8.5	23.52
10295	40.1224	117.4668	-72.2	318	TFCM2	0	0	0	0	90	18.2	3145	84	243	262	2.893	0.927	0.321	8.6	23.52
10296	40.1219	117.4668	-64.2	342	TFCM2	0	0	0	0	96	18.3	3408	125	225	248	1.800	0.907	0.504	8.6	23.54
10297	40.1214	117.4668	-64.3	382	TFCM2	0	0	0	0	103	18.3	3350	92	188	338	2.043	0.556	0.272	8.6	23.55
10298	40.1208	117.4667	-66.5	420	TFCM2	0	0	0	0	96	18.4	3599	101	377	217	3.733	1.737	0.465	8.6	23.55
10299	40.1203	117.4667	-68.0	450	TFCM2	0	0	0	0	94	18.5	3771	108	336	288	3.111	1.167	0.375	8.6	23.56
10300	40.1198	117.4667	-69.4	450	TFCM2	0	0	0	0	86	18.5	3477	104	223	334	2.144	0.668	0.311	8.6	23.57
10301	40.1193	117.4667	-72.1	450	TFCM2	0	0	0	0	100	18.5	3416	101	203	302	2.010	0.672	0.334	8.7	23.57
10302	40.1188	117.4667	-75.1	484	TFCM2	0	0	0	0	90	18.5	3475	97	258	302	2.660	0.854	0.321	8.7	23.58
10303	40.1183	117.4667	-82.4	496	TFCM2	0	0	0	0	91	33.1	3527	117	237	233	2.026	1.017	0.502	8.7	23.58
10304	40.1178	117.4667	-87.1	540	TFCM2	0	0	0	0	97	33.4	3522	121	170	286	1.405	0.594	0.423	8.7	23.58
10305	40.1173	117.4667	-89.1	562	TFCM2	0	0	0	0	93	33.6	3608	86	278	247	3.233	1.126	0.348	8.7	23.59
10306	40.1168	117.4667	-91.6	588	TFCM2	0	0	0	0	86	33.8	3691	80	330	267	4.125	1.236	0.300	8.7	23.60
10307	40.1162	117.4667	-92.1	679	TFCM2	0	0	0	0	88	34.6	3849	131	151	311	1.153	0.486	0.421	8.7	23.62
10308	40.1157	117.4667	-96.0	718	TFCM2	1	0	0	0	95	34.8	3770	98	250	273	2.551	0.916	0.359	8.7	23.63
10309	40.1152	117.4667	-99.4	695	TFCM2	0	0	0	0	92	34.7	3721	102	261	272	2.559	0.960	0.375	8.7	23.63
10310	40.1147	117.4667	-101.6	728	TS5	1	0	0	0	85	34.9	4069	114	221	271	1.939	0.815	0.421	8.7	23.64
10311	40.1142	117.4667	-110.3	784	TS5	1	0	0	0	91	35.3	3856	144	194	320	1.347	0.606	0.450	8.8	23.64
10312	40.1137	117.4667	-110.4	827	TS5	1	0	0	0	87	35.6	3972	123	222	287	1.805	0.774	0.429	8.8	23.64
10313	40.1132	117.4667	-111.4	805	TS5	1	0	0	0	100	35.4	3552	75	206	338	2.747	0.609	0.222	8.8	23.63
10314	40.1127	117.4667	-111.2	700	TS5	0	0	0	0	87	34.7	3428	96	194	255	2.021	0.761	0.376	8.8	23.64
10315	40.1122	117.4667	-108.2	630	TS5	0	0	0	0	84	34.2	3025	79	168	215	2.127	0.781	0.367	8.8	23.64
10316	40.1117	117.4667	-101.3	648	TS5	0	0	0	0	90	34.3	3251	112	169	260	1.509	0.650	0.431	8.7	23.64

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
10317	40.1111	117.4667	-96.0	557	TS5	0	0	0	0	78	33.6	3197	113	155	198	1.372	0.783	0.571	8.6	23.66
10318	40.1106	117.4667	-90.0	497	TS5	0	0	0	0	87	33.1	2900	88	118	253	1.341	0.466	0.348	8.5	23.67
10319	40.1101	117.4667	-80.7	496	TS5	0	0	0	0	91	33.0	3060	88	260	161	2.955	1.615	0.547	8.5	23.68
10320	40.1096	117.4667	-73.9	501	QOA2	0	0	0	0	87	33.1	3171	89	149	242	1.674	0.616	0.368	8.5	23.69
10321	40.1091	117.4667	-67.0	514	QOA2	0	0	0	0	84	33.2	3200	101	184	223	1.822	0.825	0.453	8.5	23.70
10322	40.1086	117.4667	-61.8	537	QOA2	0	0	0	0	83	34.0	3212	76	202	286	2.658	0.706	0.266	8.5	23.71
10323	40.1081	117.4667	-61.9	580	QOA2	0	0	0	0	90	34.4	3565	89	259	282	2.910	0.918	0.316	8.5	23.72
10324	40.1076	117.4667	-59.8	586	QOA2	0	0	0	0	85	34.4	3546	101	267	235	2.644	1.136	0.430	8.5	23.72
10325	40.1071	117.4667	-58.4	573	QOA2	0	0	0	0	90	34.3	3361	109	174	235	1.596	0.740	0.464	8.5	23.73
10326	40.1065	117.4667	-56.5	529	QOA2	0	0	0	0	89	33.9	3131	89	221	236	2.483	0.936	0.377	8.4	23.73
10327	40.1060	117.4667	-53.4	498	QOA2	0	0	0	0	91	33.7	3165	113	154	230	1.363	0.670	0.491	8.4	23.74
10328	40.1055	117.4667	-50.2	495	QOA2	0	0	0	0	85	33.6	3115	110	194	183	1.764	1.060	0.601	8.4	23.75
10329	40.1050	117.4667	-48.8	503	QOA2	0	0	0	0	97	33.7	3111	110	230	174	2.091	1.322	0.632	8.4	23.76
10330	40.1045	117.4667	-48.5	541	TS5	0	0	0	0	86	34.0	3236	71	308	195	4.338	1.579	0.364	8.4	23.77
10331	40.1040	117.4667	-50.0	535	TS5	0	0	0	0	79	34.0	3176	77	216	274	2.805	0.788	0.281	8.4	23.78
10332	40.1035	117.4667	-52.5	525	TS5	0	0	0	0	87	33.9	3187	71	197	323	2.775	0.610	0.220	8.4	23.79
10333	40.1030	117.4667	-55.2	534	TS5	0	0	0	0	100	34.0	3185	77	200	265	2.597	0.755	0.291	8.4	23.80
10334	40.1025	117.4667	-57.5	580	TS5	0	0	0	0	93	34.4	3336	66	228	273	3.455	0.835	0.242	8.4	23.82
10335	40.1020	117.4667	-60.6	601	TS5	0	0	0	0	72	34.6	3379	93	238	261	2.559	0.912	0.356	8.3	23.83
10336	40.1014	117.4667	-69.2	639	TS5	0	0	0	0	88	34.9	3390	62	287	228	4.629	1.259	0.272	8.3	23.84
10337	40.1009	117.4667	-72.8	626	TS5	0	0	0	0	84	34.8	3301	107	117	271	1.093	0.432	0.395	8.3	23.86
10338	40.1004	117.4667	-76.7	575	TS5	0	0	0	0	81	34.4	2930	64	215	194	3.359	1.108	0.330	8.3	23.87
10339	40.0999	117.4667	-79.5	558	TS5	0	0	0	0	85	34.2	2951	90	153	214	1.700	0.715	0.421	8.3	23.88
10340	40.0994	117.4667	-81.6	552	TS5	0	0	0	0	93	34.1	3063	82	114	259	1.390	0.440	0.317	8.3	23.89
10341	40.0989	117.4667	-84.8	524	TS5	0	0	0	0	91	33.6	3107	88	196	210	2.227	0.933	0.419	8.3	23.90
10342	40.0984	117.4667	-88.0	494	TS5	0	0	0	0	86	33.3	3098	81	287	190	3.543	1.511	0.426	8.3	23.91
10343	40.0979	117.4667	-88.4	495	TS5	0	0	0	0	93	33.3	3230	100	143	264	1.430	0.542	0.379	8.3	23.92
10344	40.0974	117.4667	-89.4	497	TS5	0	0	0	0	75	33.3	3266	86	271	247	3.151	1.097	0.348	8.3	23.93
10345	40.0969	117.4667	-90.1	496	TS5	0	0	0	0	85	33.3	3338	96	213	294	2.219	0.724	0.327	8.2	23.94
10346	40.0963	117.4667	-92.4	491	TS5	0	0	0	0	93	33.3	3289	85	283	231	3.329	1.225	0.368	8.2	23.95
10347	40.0958	117.4667	-92.1	495	TS5	0	0	0	0	77	33.3	3398	85	257	272	3.024	0.945	0.313	8.2	23.96
10348	40.0953	117.4667	-91.8	498	TS5	0	0	0	0	84	33.3	3201	109	139	274	1.275	0.507	0.398	8.2	23.97
10349	40.0948	117.4667	-97.2	506	TS5	0	0	0	0	80	33.4	3444	129	125	291	0.969	0.430	0.443	8.2	23.98
10350	40.0943	117.4667	-102.5	546	QF	0	0	0	0	92	33.8	3314	87	242	185	2.782	1.308	0.470	8.2	23.99
10351	40.0938	117.4667	-108.9	594	QF	0	0	0	0	73	34.2	3611	113	153	348	1.354	0.440	0.325	8.2	24.00
10352	40.0933	117.4667	-109.8	600	QF	0	0	0	0	90	34.2	3504	88	166	291	1.886	0.570	0.302	8.1	24.01
10353	40.0928	117.4667	-113.7	604	QF	0	0	0	0	82	34.2	3563	71	259	228	3.648	1.136	0.311	8.1	24.02
10354	40.0923	117.4667	-117.5	593	QF	0	0	0	0	91	34.1	3280	88	208	168	2.364	1.238	0.524	8.0	24.03
10355	40.0917	117.4667	-121.4	580	QF	0	0	0	0	85	34.0	3161	83	265	201	3.193	1.318	0.413	8.0	24.03
10356	40.0912	117.4667	-124.9	595	QF	0	0	0	0	79	34.2	3249	97	195	220	2.074	0.886	0.427	8.0	24.04
10357	40.0907	117.4667	-128.2	593	QF	0	0	0	0	83	34.2	3370	72	269	225	3.736	1.196	0.320	8.0	24.05
10358	40.0902	117.4667	-128.3	571	QF	0	0	0	0	77	34.0	3190	91	222	219	2.440	1.014	0.416	8.0	24.06
10359	40.0897	117.4667	-132.6	500	QF	0	0	0	0	87	33.3	3065	93	124	294	1.333	0.422	0.316	8.0	24.07
10360	40.0892	117.4667	-133.5	484	QF	0	0	0	0	81	27.4	3073	64	220	255	3.438	0.863	0.251	8.0	24.07
10361	40.0887	117.4667	-132.7	448	QF	0	0	0	0	85	27.2	3086	82	219	247	2.671	0.887	0.332	8.0	24.08
10362	40.0882	117.4667	-123.4	430	QF	0	0	0	0	79	27.1	2882	94	168	215	1.787	0.781	0.437	7.9	24.08
10363	40.0877	117.4667	-120.6	426	QF	0	0	0	0	82	27.1	2878	90	135	251	1.500	0.538	0.359	7.9	24.08
10364	40.0872	117.4667	-116.1	425	QF	0	0	0	0	88	27.1	3025	88	138	297	1.568	0.465	0.296	7.9	24.08
10365	40.0866	117.4667	-115.7	436	QF	0	0	0	0	85	27.1	3209	91	261	251	2.868	1.040	0.363	7.9	24.09
10366	40.0861	117.4667	-113.9	469	QF	0	0	0	0	70	27.4	3267	97	235	280	2.423	0.839	0.346	7.9	24.10
10367	40.0856	117.4667	-117.0	487	QF	0	0	0	0	84	27.5	3298	106	178	314	1.679	0.567	0.338	7.9	24.10
10368	40.0851	117.4667	-120.7	493	TS5	0	0	0	0	100	27.5	3347	68	288	262	4.235	1.099	0.260	7.9	24.11
10369	40.0846	117.4667	-125.4	492	TS5	0	0	0	0	85	27.5	3349	85	220	319	2.588	0.690	0.266	8.0	24.12
10370	40.0841	117.4667	-124.4	486	TS5	0	0	0	0	81	27.5	3272	92	248	210	2.696	1.181	0.438	8.0	24.13

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
10371	40.0836	117.4667	-124.0	472	TS5	0	0	0	0	99	27.4	3256	105	187	284	1.781	0.658	0.370	8.0	24.14
10372	40.0831	117.4667	-123.8	487	TS5	0	0	0	0	90	27.5	3649	90	172	385	1.911	0.447	0.234	7.9	24.15
10373	40.0826	117.4666	-123.8	485	TS5	0	0	0	0	87	27.5	3538	104	257	314	2.471	0.818	0.331	7.9	24.16
10374	40.0820	117.4666	-127.2	469	TS5	0	0	0	0	92	27.4	3497	84	294	258	3.500	1.140	0.326	7.9	24.17
10375	40.0815	117.4666	-123.1	409	TS5	0	0	0	0	88	27.0	3659	100	237	278	2.370	0.853	0.360	7.9	24.17
10376	40.0810	117.4666	-119.0	384	TS5	0	0	0	0	85	26.8	3399	84	263	279	3.131	0.943	0.301	7.9	24.17
10377	40.0805	117.4666	-118.5	387	TS5	0	0	0	0	87	26.8	3325	98	298	257	3.041	1.160	0.381	8.0	24.17
10378	40.0800	117.4666	-115.8	341	TS5	0	0	0	0	86	26.5	3194	91	247	268	2.714	0.922	0.340	8.0	24.18
10379	40.0795	117.4666	-109.2	287	TS5	0	0	0	0	71	26.7	2976	80	258	248	3.225	1.040	0.323	8.0	24.18
10380	40.0790	117.4666	-100.5	276	TS5	0	0	0	0	88	26.6	3181	101	247	250	2.446	0.988	0.404	8.0	24.19
10381	40.0785	117.4666	-98.1	294	TS5	0	0	0	0	90	26.8	3362	100	212	318	2.120	0.667	0.314	8.1	24.19
10382	40.0780	117.4666	-99.4	341	TS5	0	0	0	0	78	27.2	3606	106	338	312	3.189	1.083	0.340	8.1	24.19
10383	40.0775	117.4666	-100.1	379	TS5	0	0	0	0	88	27.5	3573	112	225	363	2.009	0.620	0.309	8.0	24.19
10384	40.0769	117.4666	-101.9	399	TS5	0	0	0	0	85	27.6	4021	118	292	281	2.475	1.039	0.420	8.1	24.20
10385	40.0764	117.4666	-105.0	412	TS5	0	0	0	0	79	27.7	3514	112	250	311	2.232	0.804	0.360	8.1	24.20
10386	40.0759	117.4666	-108.3	405	TS5	0	0	0	0	85	27.7	3581	134	243	266	1.813	0.914	0.504	8.1	24.21
10387	40.0754	117.4666	-108.3	364	TS5	0	0	0	0	83	27.4	3114	93	271	229	2.914	1.183	0.406	8.1	24.22
10388	40.0749	117.4666	-107.7	353	TS5	0	0	0	0	85	27.3	3013	97	185	274	1.907	0.675	0.354	8.1	24.22
10389	40.0744	117.4666	-110.5	343	TS5	0	0	0	0	87	27.2	3134	71	247	278	3.479	0.888	0.255	8.2	24.22
10390	40.0739	117.4666	-114.5	336	TS5	0	0	0	0	84	27.1	2944	92	200	250	2.174	0.800	0.368	8.2	24.23
10391	40.0734	117.4666	-117.5	328	TS5	0	0	0	0	78	27.1	2918	89	237	253	2.663	0.937	0.352	8.2	24.23
10392	40.0729	117.4666	-119.5	324	TS5	0	0	0	0	79	27.0	2944	81	286	226	3.531	1.265	0.358	8.2	24.24
10393	40.0724	117.4666	-122.5	318	TS5	0	0	0	0	82	27.0	3129	120	185	244	1.542	0.758	0.492	8.3	24.24
10394	40.0718	117.4666	-121.0	316	TS5	0	0	0	0	79	27.0	2996	99	221	258	2.232	0.857	0.384	8.3	24.25
10395	40.0714	117.4666	-122.3	315	TS5	0	0	0	0	83	27.0	2901	91	158	310	1.736	0.510	0.294	8.4	24.25
10396	40.0710	117.4666	-121.6	315	TS5	0	0	0	0	82	27.0	2886	84	219	255	2.607	0.859	0.329	8.4	24.25
10397	40.0706	117.4666	-123.6	312	TS5	0	0	0	0	90	27.0	3030	92	222	261	2.413	0.851	0.352	8.4	24.25
10398	40.0701	117.4666	-126.1	311	TS5	0	0	0	0	81	31.0	3065	101	234	257	2.317	0.911	0.393	8.5	24.26
10399	40.0697	117.4666	-125.6	317	TS5	0	0	0	0	93	31.0	3123	86	308	227	3.581	1.357	0.379	8.5	24.26
10400	40.0693	117.4666	-132.9	345	QF	0	0	0	0	95	31.3	3312	90	273	282	3.033	0.968	0.319	8.5	24.27
10401	40.0688	117.4666	-132.3	358	QF	0	0	0	0	87	31.5	3324	84	364	227	4.333	1.604	0.370	8.6	24.27
10402	40.0684	117.4666	-133.6	351	QF	0	0	0	0	88	31.4	3231	98	263	284	2.684	0.926	0.345	8.6	24.28
10403	40.0680	117.4666	-136.6	347	QF	0	0	0	0	84	31.3	3121	85	300	237	3.529	1.266	0.359	8.6	24.28
10404	40.0675	117.4666	-139.1	327	QF	0	0	0	0	76	31.1	2875	111	164	249	1.477	0.659	0.446	8.7	24.29
10405	40.0671	117.4666	-136.8	330	QF	0	0	0	0	83	31.2	3122	102	213	239	2.088	0.891	0.427	7.5	24.30
10406	40.0667	117.4666	-135.7	312	QF	0	0	0	0	85	31.0	2946	64	325	226	5.078	1.438	0.283	7.5	24.30
10407	40.0663	117.4666	-135.6	294	QF	0	0	0	0	75	30.8	2952	78	245	242	3.141	1.012	0.322	6.5	24.30
10408	40.0658	117.4666	-135.9	292	QF	0	0	0	0	82	30.7	3078	91	196	292	2.154	0.671	0.312	7.0	24.30
10409	40.0654	117.4666	-135.5	276	QF	0	0	0	0	95	30.6	3137	102	257	265	2.520	0.970	0.385	9.4	24.30
10410	40.0650	117.4666	-133.9	300	QF	0	0	0	0	75	30.8	3173	92	342	254	3.717	1.346	0.362	7.5	24.30
10411	40.0645	117.4666	-132.3	332	QF	0	0	0	0	80	31.2	3228	111	198	279	1.784	0.710	0.398	7.2	24.30
10412	40.0641	117.4666	-135.5	351	QF	0	0	0	0	80	31.4	3395	90	231	321	2.567	0.720	0.280	4.9	24.31
10413	40.0637	117.4666	-135.1	361	QF	0	0	0	0	75	31.5	3221	94	253	275	2.691	0.920	0.342	7.5	24.31
10414	40.0632	117.4666	-132.2	355	QF	0	0	0	0	76	31.4	3188	93	249	273	2.677	0.912	0.341	10.0	24.31
10415	40.0628	117.4666	-132.9	364	QF	0	0	0	0	84	31.5	3320	93	286	274	3.075	1.044	0.339	9.0	24.31
10416	40.0624	117.4666	-130.3	378	QF	0	0	0	0	90	31.7	3360	110	185	313	1.682	0.591	0.351	8.6	24.32
10417	40.0619	117.4666	-130.0	379	QF	0	0	0	0	83	35.5	3449	82	342	299	4.171	1.144	0.274	8.4	24.32
10418	40.0615	117.4666	-131.5	378	QF	0	0	0	0	86	35.5	3522	102	171	352	1.676	0.486	0.290	7.8	24.33
10419	40.0611	117.4666	-132.4	370	QF	0	0	0	0	75	35.3	3342	86	286	252	3.326	1.135	0.341	9.7	24.33
10420	40.0607	117.4666	-131.1	341	QF	0	0	0	0	80	35.0	3149	99	239	271	2.414	0.882	0.365	6.5	24.33
10421	40.0602	117.4666	-132.2	330	QF	0	0	0	0	79	34.8	3244	87	234	292	2.690	0.801	0.298	7.3	24.34
10422	40.0598	117.4666	-137.5	333	QF	0	0	0	0	70	34.9	3068	69	329	236	4.768	1.394	0.292	6.8	24.34
10423	40.0594	117.4666	-140.0	359	QF	0	0	0	0	70	35.2	3292	106	230	295	2.170	0.780	0.359	8.1	24.34
10424	40.0589	117.4666	-142.4	373	QF	0	0	0	0	84	35.4	3434	117	282	301	2.410	0.937	0.389	7.4	24.35

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
10425	40.0585	117.4666	-145.7	373	QF	0	0	0	0	97	35.4	3322	71	290	278	4.085	1.043	0.255	10.1	24.35
10426	40.0581	117.4666	-149.5	369	QF	0	0	0	0	82	35.3	3254	106	180	279	1.698	0.645	0.380	8.4	24.35
10427	40.0576	117.4666	-149.0	370	QF	0	0	0	0	87	35.3	3278	68	255	288	3.750	0.885	0.236	11.3	24.34
10428	40.0572	117.4666	-153.3	368	QF	0	0	0	0	80	35.3	3294	99	229	268	2.313	0.854	0.369	9.3	24.34
10429	40.0568	117.4666	-155.3	367	QF	0	0	0	0	82	35.3	3235	78	296	246	3.795	1.203	0.317	10.4	24.34
10430	40.0564	117.4666	-156.6	365	QF	0	0	0	0	75	35.3	3065	105	153	294	1.457	0.520	0.357	9.0	24.34
10431	40.0559	117.4666	-160.9	355	QF	0	0	0	0	80	35.2	3309	93	252	247	2.710	1.020	0.377	10.6	24.34
10432	40.0555	117.4666	-162.2	350	QF	0	0	0	0	88	35.1	3406	103	124	310	1.204	0.400	0.332	9.2	24.34
10433	40.0551	117.4666	-165.3	339	QF	0	0	0	0	76	35.0	3108	96	241	245	2.510	0.984	0.392	7.6	24.34
10434	40.0546	117.4666	-167.9	330	QF	0	0	0	0	80	34.8	2918	75	251	261	3.347	0.962	0.287	7.5	24.34
10435	40.0542	117.4666	-170.0	323	QF	0	0	0	0	87	34.7	3024	93	221	268	2.376	0.825	0.347	8.9	24.34
10436	40.0538	117.4666	-171.0	319	QF	0	0	0	0	78	34.7	3027	95	217	260	2.284	0.835	0.365	8.4	24.34
10437	40.0533	117.4666	-171.5	317	QF	0	0	0	0	90	34.7	3114	75	259	308	3.453	0.841	0.244	10.3	24.34
10438	40.0529	117.4666	-175.5	326	QF	0	0	0	0	82	34.8	2827	80	150	284	1.875	0.528	0.282	10.2	24.34
10439	40.0525	117.4666	-177.2	334	QF	0	0	0	0	80	34.9	3021	79	183	278	2.316	0.658	0.284	14.4	24.33
10440	40.0521	117.4666	-179.7	330	QF	0	0	0	0	85	34.8	2707	44	248	276	5.636	0.899	0.159	8.4	24.33
10441	40.0516	117.4666	-180.8	321	QF	0	0	0	0	80	34.7	2922	82	234	210	2.854	1.114	0.390	9.6	24.33
10442	40.0512	117.4666	-181.1	315	QF	0	0	0	0	84	34.6	2899	72	187	266	2.597	0.703	0.271	12.7	24.32
10443	40.0508	117.4666	-183.1	313	QF	0	0	0	0	75	34.6	2844	66	197	263	2.985	0.749	0.251	15.2	24.32
10444	40.0503	117.4666	-183.9	317	QF	0	0	0	0	94	34.7	3013	94	213	216	2.266	0.986	0.435	15.0	24.32
10445	40.0499	117.4666	-185.2	313	QF	0	0	0	0	84	34.6	3026	91	174	219	1.912	0.795	0.416	12.7	24.32
10446	40.0495	117.4666	-189.7	309	QF	0	0	0	0	80	34.6	2941	81	203	291	2.506	0.698	0.278	9.7	24.31
10447	40.0490	117.4666	-190.0	307	QF	0	0	0	0	76	34.5	2856	68	197	259	2.897	0.761	0.263	10.2	24.31
10448	40.0486	117.4666	-189.8	307	QF	0	0	0	0	76	34.5	2856	68	197	259	2.897	0.761	0.263	10.2	24.31
10449	40.0482	117.4666	-189.5	307	QF	0	0	0	0	76	34.5	2856	68	197	259	2.897	0.761	0.263	10.2	24.31
10450	40.0478	117.4666	-189.3	307	QF	0	0	0	0	76	34.5	2856	68	197	259	2.897	0.761	0.263	10.2	24.31
10451	40.0473	117.4666	-189.0	307	QF	0	0	0	0	76	34.5	2856	68	197	259	2.897	0.761	0.263	10.2	24.31
10452	40.0469	117.4666	-188.8	307	QF	0	0	0	0	76	34.5	2856	68	197	259	2.897	0.761	0.263	10.2	24.31
10453	40.0465	117.4666	-188.6	307	QF	0	0	0	0	76	34.5	2856	68	197	259	2.897	0.761	0.263	10.2	24.31
10454	40.0460	117.4666	-188.3	307	QF	0	0	0	0	76	34.5	2856	68	197	259	2.897	0.761	0.263	10.2	24.31

1 GEODATA INT. INC. SINGLE REC LISTING WINNEMUCCA TIE LINE 4

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2650	40.0013	117.2349	-219.5	279	QF	0	0	0	0	98	16.0	2998	81	254	297	3.136	0.855	0.273	6.3	24.41
2651	40.0013	117.2349	-225.7	282	QF	0	0	0	0	88	16.1	3129	111	129	325	1.162	0.397	0.342	11.0	24.42
2652	40.0013	117.2350	-230.2	278	QF	0	0	0	0	74	16.0	3435	86	245	315	2.849	0.778	0.273	12.5	24.42
2653	40.0017	117.2350	-235.3	273	QF	0	0	0	0	81	16.0	3355	113	187	282	1.655	0.663	0.401	8.2	24.42
2654	40.0022	117.2350	-243.8	274	QF	0	0	0	0	81	16.0	3148	100	233	249	2.330	0.936	0.402	11.1	24.42
2655	40.0027	117.2350	-248.5	280	QF	0	0	0	0	80	16.0	3239	83	316	260	3.807	1.215	0.319	8.9	24.41
2656	40.0032	117.2350	-252.5	290	QF	0	0	0	0	77	16.1	3027	102	196	262	1.922	0.748	0.389	9.6	24.41
2657	40.0037	117.2350	-254.9	295	QF	0	0	0	0	83	16.2	3134	102	197	289	1.931	0.682	0.353	9.3	24.41
2658	40.0042	117.2350	-256.7	298	QF	0	0	0	0	75	16.2	3157	89	188	265	2.112	0.709	0.336	11.8	24.41
2659	40.0047	117.2350	-254.8	291	QF	0	0	0	0	78	16.1	3157	92	223	286	2.424	0.780	0.322	11.1	24.41
2660	40.0052	117.2350	-251.9	285	QF	0	0	0	0	94	16.1	3132	107	192	292	1.794	0.658	0.366	14.6	24.41
2661	40.0057	117.2350	-250.7	275	QF	0	0	0	0	82	16.0	3057	84	240	261	2.857	0.920	0.322	9.7	24.43
2662	40.0062	117.2350	-241.0	269	QF	0	0	0	0	80	15.9	2922	84	179	292	2.131	0.613	0.288	8.6	24.43
2663	40.0067	117.2350	-237.3	265	QF	0	0	0	0	78	15.9	3021	72	252	260	3.500	0.969	0.277	11.5	24.44
2664	40.0072	117.2350	-236.4	265	QF	0	0	0	0	80	15.9	3058	91	196	299	2.154	0.656	0.304	12.2	24.44
2665	40.0077	117.2350	-231.2	262	QA1	0	0	0	0	82	15.9	3098	85	207	263	2.435	0.787	0.323	9.1	24.44
2666	40.0082	117.2350	-233.5	258	QA1	0	0	0	0	75	15.9	2908	90	153	281	1.700	0.544	0.320	5.4	24.45
2667	40.0087	117.2350	-234.7	257	QA1	0	0	0	0	88	15.9	2937	84	196	300	2.333	0.653	0.280	10.5	24.45
2668	40.0092	117.2350	-236.5	257	QA1	0	0	0	0	85	15.9	2884	67	234	265	3.493	0.883	0.253	10.0	24.45
2669	40.0096	117.2350	-234.8	251	QA1	0	0	0	0	89	15.8	2803	94	198	260	2.106	0.762	0.362	6.7	24.45
2670	40.0101	117.2350	-233.1	254	QA1	0	0	0	0	80	15.8	2654	77	174	299	2.260	0.582	0.258	6.5	24.45
2671	40.0106	117.2350	-231.9	249	QA1	0	0	0	0	90	15.8	2777	77	190	260	2.468	0.731	0.296	11.4	24.46
2672	40.0111	117.2350	-229.4	252	QA1	0	0	0	0	81	15.8	2806	73	163	277	2.233	0.588	0.264	15.8	24.45
2673	40.0116	117.2350	-226.5	246	QA1	0	0	0	0	81	15.8	2790	77	196	271	2.545	0.723	0.284	10.5	24.46
2674	40.0121	117.2350	-230.7	249	QA1	0	0	0	0	76	15.8	2719	81	181	243	2.235	0.745	0.333	10.9	24.46
2675	40.0126	117.2350	-227.5	247	QA1	0	0	0	0	76	15.8	2745	87	155	272	1.782	0.570	0.320	11.2	24.46
2676	40.0131	117.2350	-227.8	248	QA1	0	0	0	0	72	15.8	2810	96	205	270	2.135	0.759	0.356	7.0	24.46
2677	40.0136	117.2350	-232.0	247	QA1	0	0	0	0	77	15.8	2822	72	237	264	3.292	0.898	0.273	6.5	24.46
2678	40.0141	117.2350	-233.8	249	QA1	0	0	0	0	73	15.8	2837	82	190	284	2.317	0.669	0.289	8.5	24.46
2679	40.0146	117.2350	-231.9	245	QA1	0	0	0	0	78	15.7	2773	70	166	296	2.371	0.561	0.236	9.7	24.46
2680	40.0151	117.2350	-235.1	252	QA1	0	0	0	0	79	15.8	2792	83	142	321	1.711	0.442	0.259	11.8	24.46
2681	40.0156	117.2350	-235.3	255	QA1	0	0	0	0	85	15.8	2814	69	190	298	2.754	0.638	0.232	12.5	24.46
2682	40.0161	117.2350	-236.3	259	QA1	0	0	0	0	78	15.9	2748	64	236	252	3.688	0.937	0.254	8.0	24.46
2683	40.0166	117.2351	-238.4	260	QA1	0	0	0	0	77	15.9	2862	82	220	263	2.683	0.837	0.312	11.1	24.45
2684	40.0171	117.2351	-240.0	269	QA1	0	0	0	0	82	15.9	2848	108	144	261	1.333	0.552	0.414	12.5	24.45
2685	40.0175	117.2351	-242.1	269	QA1	0	0	0	0	80	15.9	2713	78	180	284	2.308	0.634	0.275	9.1	24.44
2686	40.0180	117.2351	-246.6	270	QA1	0	0	0	0	80	16.0	2926	71	231	235	3.254	0.983	0.302	7.7	24.45
2687	40.0185	117.2351	-249.8	272	QA1	0	0	0	0	86	16.0	2798	82	154	261	1.878	0.590	0.314	12.9	24.45
2688	40.0190	117.2351	-250.6	271	QA1	0	0	0	0	68	23.5	2974	64	214	253	3.344	0.846	0.253	13.0	24.45
2689	40.0195	117.2351	-250.2	267	QA1	0	0	0	0	82	23.5	2759	79	244	235	3.486	1.038	0.298	9.4	24.45
2690	40.0200	117.2351	-250.4	270	QA1	0	0	0	0	84	23.5	2725	70	211	257	3.014	0.821	0.272	10.0	24.45
2691	40.0205	117.2351	-248.4	272	QA1	0	0	0	0	78	23.5	2750	74	251	255	3.392	0.984	0.290	9.4	24.45
2692	40.0210	117.2351	-249.7	271	QA1	0	0	0	0	85	23.5	2751	59	163	293	2.763	0.556	0.201	8.9	24.45
2693	40.0215	117.2351	-244.5	270	QA1	0	0	0	0	77	23.5	2795	64	192	268	3.000	0.716	0.239	10.6	24.45
2694	40.0220	117.2351	-242.0	271	QA1	0	0	0	0	86	23.5	2821	86	155	271	1.802	0.572	0.317	10.1	24.45
2695	40.0225	117.2351	-241.0	273	QA1	0	0	0	0	80	23.6	2943	118	35	302	0.297	0.116	0.391	13.8	24.45
2696	40.0230	117.2351	-234.8	274	QA1	0	0	0	0	80	23.6	2905	101	195	250	1.931	0.730	0.404	14.1	24.45
2697	40.0235	117.2351	-231.8	271	QA1	0	0	0	0	79	23.5	2835	78	187	305	2.397	0.613	0.256	10.4	24.46
2698	40.0240	117.2351	-222.1	270	QA1	0	0	0	0	79	23.5	2863	77	195	293	2.532	0.666	0.263	7.2	24.46
2699	40.0245	117.2351	-217.8	276	QA1	0	0	0	0	81	23.6	2881	65	229	260	3.523	0.881	0.250	10.0	24.46
2700	40.0250	117.2351	-216.1	278	QA1	0	0	0	0	69	23.6	3068	80	229	266	2.863	0.861	0.301	9.9	24.46
2701	40.0254	117.2351	-210.6	282	QA1	0	0	0	0	77	23.7	2889	57	225	271	3.947	0.830	0.210	10.0	24.46
2702	40.0259	117.2351	-205.1	281	QA1	0	0	0	0	82	23.7	2876	85	254	209	2.988	1.215	0.407	9.9	24.46
2703	40.0264	117.2351	-203.9	280	QA1	0	0	0	0	71	23.7	2863	95	203	292	2.137	0.695	0.325	10.0	24.46

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2704	40.0269	117.2351	-197.9	278	QA1	0	0	0	0	80	23.6	2910	84	224	254	2.667	0.882	0.331	10.0	24.46
2705	40.0274	117.2351	-199.7	276	QA1	0	0	0	0	78	23.6	2896	72	232	265	3.222	0.875	0.272	10.0	24.46
2706	40.0279	117.2351	-200.0	274	QA1	0	0	0	0	84	23.6	2911	71	148	328	2.085	0.451	0.216	10.0	24.46
2707	40.0284	117.2351	-203.0	280	QA1	0	0	0	0	85	25.6	3186	80	237	275	2.963	0.862	0.291	10.0	24.46
2708	40.0289	117.2351	-207.5	277	QA1	0	0	0	0	76	25.6	2913	94	192	267	2.043	0.719	0.352	10.0	24.46
2709	40.0294	117.2351	-210.1	276	QA1	0	0	0	0	87	25.6	2818	76	187	278	2.461	0.673	0.273	10.0	24.46
2710	40.0299	117.2351	-215.4	273	QA1	0	0	0	0	78	25.5	2822	76	217	241	2.855	0.900	0.315	10.0	24.46
2711	40.0304	117.2351	-220.9	273	QA1	0	0	0	0	74	25.5	2840	88	161	291	1.830	0.553	0.302	10.0	24.46
2712	40.0309	117.2351	-224.4	272	QA1	0	0	0	0	76	25.5	2689	84	151	244	1.798	0.619	0.344	10.0	24.46
2713	40.0314	117.2351	-228.6	281	QA1	0	0	0	0	78	25.6	2740	80	148	271	1.850	0.546	0.295	10.0	24.46
2714	40.0319	117.2352	-233.3	284	QA1	0	0	0	0	76	25.7	2758	88	194	236	2.205	0.822	0.373	10.0	24.45
2715	40.0324	117.2352	-232.8	288	QA1	0	0	0	0	74	25.7	2684	67	216	216	3.224	1.000	0.310	10.0	24.45
2716	40.0329	117.2352	-236.9	287	QA1	0	0	0	0	82	25.7	2698	67	187	243	2.791	0.770	0.276	10.0	24.45
2717	40.0333	117.2352	-239.8	292	QA1	0	0	0	0	85	25.8	2683	67	164	256	2.448	0.641	0.262	10.0	24.45
2718	40.0338	117.2352	-240.4	291	QA1	0	0	0	0	83	25.8	2716	75	201	227	2.680	0.885	0.330	10.0	24.45
2719	40.0343	117.2352	-247.4	296	QA1	0	0	0	0	74	25.8	2741	85	140	249	1.647	0.562	0.341	10.0	24.45
2720	40.0348	117.2352	-244.4	297	QA1	0	0	0	0	78	25.9	2734	91	155	255	1.703	0.608	0.357	10.0	24.44
2721	40.0353	117.2352	-244.1	303	QA1	0	0	0	0	80	25.9	2733	52	192	260	3.692	0.738	0.200	9.9	24.44
2722	40.0358	117.2352	-246.4	304	QA1	0	0	0	0	77	26.0	2707	68	189	234	2.779	0.808	0.291	9.9	24.44
2723	40.0363	117.2352	-247.3	313	QA1	0	0	0	0	82	26.1	2728	78	111	288	1.423	0.385	0.271	9.8	24.44
2724	40.0368	117.2352	-246.3	312	QA1	0	0	0	0	77	26.1	2680	66	215	233	3.258	0.923	0.283	9.7	24.43
2725	40.0373	117.2352	-246.6	316	QA1	0	0	0	0	78	26.1	2666	50	217	243	4.340	0.893	0.206	9.7	24.43
2726	40.0378	117.2352	-248.1	323	QA1	0	0	0	0	75	30.0	2758	57	155	285	2.719	0.544	0.200	9.7	24.43
2727	40.0383	117.2352	-250.0	333	QA1	0	0	0	0	85	30.2	2817	65	280	207	4.308	1.353	0.314	9.7	24.42
2728	40.0388	117.2352	-249.0	332	QA1	0	0	0	0	91	30.2	2764	88	150	266	1.705	0.564	0.331	9.7	24.42
2729	40.0393	117.2352	-248.5	333	QA1	0	0	0	0	76	30.2	2821	76	173	266	2.276	0.650	0.286	9.6	24.42
2730	40.0398	117.2352	-247.0	336	QA1	0	0	0	0	84	30.2	2856	66	231	237	3.500	0.975	0.278	9.6	24.42
2731	40.0403	117.2352	-246.8	338	QA1	0	0	0	0	76	30.3	2782	68	208	231	3.059	0.900	0.294	9.5	24.42
2732	40.0408	117.2352	-246.6	336	QA1	0	0	0	0	74	30.2	2916	86	189	259	2.198	0.730	0.332	9.5	24.42
2733	40.0412	117.2352	-246.1	336	QA1	0	0	0	0	80	30.2	2856	70	146	281	2.086	0.520	0.249	9.5	24.42
2734	40.0417	117.2352	-247.4	338	QA1	0	0	0	0	75	30.3	2726	67	216	233	3.224	0.927	0.288	9.5	24.42
2735	40.0422	117.2352	-250.1	339	QA1	0	0	0	0	87	30.3	2832	83	188	216	2.265	0.870	0.384	9.5	24.41
2736	40.0427	117.2352	-249.4	341	QA1	0	0	0	0	90	30.3	2798	86	159	230	1.849	0.691	0.374	9.6	24.41
2737	40.0432	117.2352	-247.9	339	QA1	0	0	0	0	91	30.3	2757	80	164	250	2.050	0.656	0.320	9.5	24.42
2738	40.0437	117.2352	-249.4	339	QA1	0	0	0	0	74	30.3	2825	82	193	249	2.354	0.775	0.329	9.5	24.42
2739	40.0442	117.2352	-253.5	337	QA1	0	0	0	0	91	30.3	2735	92	98	286	1.065	0.343	0.322	9.4	24.42
2740	40.0447	117.2352	-255.5	337	QA1	0	0	0	0	81	30.3	2763	66	180	283	2.727	0.636	0.233	9.5	24.42
2741	40.0452	117.2352	-258.3	335	QA1	0	0	0	0	76	30.2	2717	64	170	240	2.656	0.708	0.267	9.5	24.42
2742	40.0457	117.2352	-260.7	346	QA1	0	0	0	0	79	30.4	2692	47	236	242	5.021	0.975	0.194	9.5	24.42
2743	40.0462	117.2352	-260.2	348	QA1	0	0	0	0	81	30.4	2712	85	104	300	1.224	0.347	0.283	9.5	24.42
2744	40.0467	117.2352	-261.8	348	QA1	0	0	0	0	83	30.4	2716	59	218	248	3.695	0.879	0.238	9.5	24.43
2745	40.0472	117.2352	-263.8	343	QA1	0	0	0	0	70	23.6	2774	83	192	242	2.313	0.793	0.343	9.4	24.42
2746	40.0477	117.2353	-265.9	341	QA1	0	0	0	0	80	23.6	2918	74	250	237	3.378	1.055	0.312	9.4	24.43
2747	40.0482	117.2353	-262.4	335	QA1	0	0	0	0	74	23.5	2740	87	210	266	2.414	0.789	0.327	9.4	24.44
2748	40.0487	117.2353	-262.7	335	QA1	0	0	0	0	80	23.5	2814	72	271	220	3.764	1.232	0.327	9.4	24.44
2749	40.0491	117.2353	-263.5	333	QA1	0	0	0	0	76	23.5	2763	69	193	286	2.797	0.675	0.241	9.4	24.43
2750	40.0496	117.2353	-263.0	339	QA1	0	0	0	0	81	23.5	2824	43	229	266	5.326	0.861	0.162	9.3	24.43
2751	40.0501	117.2353	-263.2	340	QA1	0	0	0	0	78	23.5	2760	79	226	229	2.861	0.987	0.345	9.4	24.43
2752	40.0506	117.2353	-262.5	344	QA1	0	0	0	0	81	23.6	2796	95	115	299	1.211	0.385	0.318	9.3	24.43
2753	40.0511	117.2353	-261.2	346	QA1	0	0	0	0	82	23.6	2756	81	185	249	2.284	0.746	0.327	9.4	24.43
2754	40.0516	117.2353	-262.7	351	QA1	0	0	0	0	89	23.7	2877	84	198	241	2.357	0.822	0.349	9.4	24.42
2755	40.0521	117.2353	-265.3	343	QA1	0	0	0	0	91	23.6	2719	67	154	291	2.299	0.529	0.230	9.3	24.43
2756	40.0526	117.2353	-264.8	345	QA1	0	0	0	0	83	23.6	2631	64	188	256	2.938	0.734	0.250	9.3	24.43
2757	40.0531	117.2353	-265.9	341	QA1	0	0	0	0	80	23.6	2692	69	202	254	2.928	0.795	0.272	9.3	24.43

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2758	40.0536	117.2353	-270.9	335	QA1	0	0	0	0	82	23.5	2715	71	190	222	2.676	0.856	0.320	9.3	24.43
2759	40.0541	117.2353	-273.3	326	QA1	0	0	0	0	84	23.4	2578	71	191	192	2.690	0.995	0.370	9.3	24.44
2760	40.0546	117.2353	-279.3	322	QA1	0	0	0	0	84	23.3	2773	82	108	263	1.317	0.411	0.312	9.2	24.45
2761	40.0551	117.2353	-284.6	318	QA1	0	0	0	0	80	23.3	2711	75	134	254	1.787	0.528	0.295	9.2	24.45
2762	40.0556	117.2353	-289.9	320	QA1	0	0	0	0	81	23.3	2630	78	144	253	1.846	0.569	0.308	9.2	24.45
2763	40.0561	117.2353	-298.4	323	QA1	0	0	0	0	87	23.3	2665	77	148	257	1.922	0.576	0.300	9.2	24.45
2764	40.0566	117.2353	-306.4	327	QA1	0	0	0	0	83	25.2	2661	71	184	205	2.592	0.898	0.346	9.1	24.45
2765	40.0570	117.2353	-316.2	327	QA1	0	0	0	0	73	25.2	2546	89	142	230	1.596	0.617	0.387	9.1	24.44
2766	40.0575	117.2353	-315.9	329	QA1	0	0	0	0	82	25.2	2595	57	170	262	2.982	0.649	0.218	9.1	24.44
2767	40.0580	117.2353	-325.2	325	QA1	0	0	0	0	85	25.2	2701	83	214	190	2.578	1.126	0.437	9.2	24.45
2768	40.0585	117.2353	-331.5	326	QA1	0	0	0	0	80	25.2	2692	85	95	281	1.118	0.338	0.302	9.1	24.45
2769	40.0590	117.2353	-332.8	325	QA1	0	0	0	0	74	25.1	2680	60	188	264	3.133	0.712	0.227	9.1	24.45
2770	40.0595	117.2353	-334.5	326	QA1	0	0	0	0	72	25.2	2647	79	76	276	0.962	0.275	0.286	9.2	24.45
2771	40.0600	117.2353	-337.1	323	QA1	0	0	0	0	88	25.1	2676	49	225	255	4.592	0.882	0.192	9.2	24.45
2772	40.0605	117.2353	-339.4	320	QA1	0	0	0	0	83	25.1	2636	65	245	210	3.769	1.167	0.310	9.2	24.45
2773	40.0610	117.2353	-341.1	323	QA1	0	0	0	0	86	25.1	2759	88	140	227	1.591	0.617	0.388	9.2	24.44
2774	40.0615	117.2353	-337.4	321	QA1	0	0	0	0	78	25.1	3057	77	155	304	2.013	0.510	0.253	9.3	24.45
2775	40.0620	117.2353	-335.7	316	QA1	0	0	0	0	77	25.0	2774	79	204	257	2.582	0.794	0.307	9.3	24.45
2776	40.0625	117.2353	-335.0	315	QA1	0	0	0	0	82	25.0	2753	92	118	277	1.283	0.426	0.332	9.4	24.46
2777	40.0630	117.2354	-332.0	316	QA1	0	0	0	0	79	25.0	2876	82	141	298	1.720	0.473	0.275	9.4	24.46
2778	40.0635	117.2354	-326.8	315	QA1	0	0	0	0	84	25.0	2871	80	117	314	1.463	0.373	0.255	9.3	24.45
2779	40.0640	117.2354	-319.3	317	QA1	0	0	0	0	83	25.0	2839	77	187	286	2.429	0.654	0.269	9.3	24.46
2780	40.0644	117.2354	-313.1	316	QA1	0	0	0	0	72	25.0	2887	91	226	290	2.484	0.779	0.314	9.3	24.46
2781	40.0649	117.2354	-303.5	323	QA1	0	0	0	0	80	25.1	2896	91	102	292	1.121	0.349	0.312	9.4	24.45
2782	40.0654	117.2354	-294.9	319	QA1	0	0	0	0	78	25.1	2896	69	235	253	3.406	0.929	0.273	9.4	24.45
2783	40.0659	117.2354	-259.6	323	QA1	0	0	0	0	83	27.9	2811	67	220	286	3.284	0.769	0.234	9.4	24.45
2784	40.0664	117.2354	-242.9	322	QA1	0	0	0	0	73	27.9	2861	64	173	274	2.703	0.631	0.234	9.3	24.45
2785	40.0669	117.2354	-225.2	320	QA1	0	0	0	0	77	27.9	2866	94	85	301	0.904	0.282	0.312	9.3	24.46
2786	40.0674	117.2354	-213.3	311	QA1	0	0	0	0	80	27.7	2725	74	127	291	1.716	0.436	0.254	9.3	24.46
2787	40.0679	117.2354	-199.3	308	QA1	0	0	0	0	75	27.7	2806	81	135	281	1.667	0.480	0.288	9.3	24.47
2788	40.0684	117.2354	-192.4	299	QA1	0	0	0	0	85	27.5	2868	74	209	238	2.824	0.878	0.311	9.3	24.47
2789	40.0689	117.2354	-188.2	294	QA1	0	0	0	0	82	27.5	2965	75	178	303	2.373	0.587	0.248	9.3	24.48
2790	40.0694	117.2354	-191.3	290	QA1	0	0	0	0	83	27.4	2913	70	187	264	2.671	0.708	0.265	9.3	24.48
2791	40.0699	117.2354	-193.3	289	QA1	0	0	0	0	87	27.4	3003	79	183	277	2.316	0.661	0.285	9.3	24.48
2792	40.0704	117.2354	-191.7	279	QA1	0	0	0	0	82	27.2	2708	94	162	263	1.723	0.616	0.357	9.3	24.49
2793	40.0709	117.2354	-200.2	280	QA1	0	0	0	0	81	27.3	2899	89	138	275	1.551	0.502	0.324	9.3	24.49
2794	40.0714	117.2354	-199.0	274	QA1	0	0	0	0	70	27.1	2712	68	231	224	3.397	1.031	0.304	9.3	24.49
2795	40.0719	117.2354	-206.5	274	QA1	0	0	0	0	79	27.1	2834	84	114	317	1.357	0.360	0.265	9.3	24.49
2796	40.0724	117.2354	-201.8	275	QA1	0	0	0	0	97	27.2	2766	68	177	279	2.603	0.634	0.244	9.2	24.49
2797	40.0728	117.2354	-200.0	283	QA1	0	0	0	0	91	27.3	2795	69	170	250	2.464	0.680	0.276	9.2	24.49
2798	40.0733	117.2354	-193.7	286	QA1	0	0	0	0	77	27.3	2954	69	220	241	3.188	0.913	0.286	9.3	24.48
2799	40.0738	117.2354	-186.7	289	QA1	0	0	0	0	85	27.4	2823	80	166	311	2.075	0.534	0.257	9.2	24.49
2800	40.0743	117.2354	-181.2	292	QA1	0	0	0	0	74	27.4	2775	75	224	284	2.987	0.789	0.264	9.3	24.48
2801	40.0748	117.2354	-178.9	298	QA1	0	0	0	0	77	27.5	2990	63	183	282	2.905	0.649	0.223	9.3	24.48
2802	40.0753	117.2354	-177.4	301	QA1	0	0	0	0	85	34.1	2817	69	182	244	2.638	0.746	0.283	9.3	24.47
2803	40.0758	117.2354	-168.6	313	QA1	0	0	0	0	84	34.3	3002	74	181	272	2.446	0.665	0.272	9.3	24.46
2804	40.0763	117.2354	-167.6	318	QA1	0	0	0	0	74	34.4	2881	83	143	288	1.723	0.497	0.288	9.2	24.46
2805	40.0768	117.2354	-167.1	323	QA1	0	0	0	0	84	34.5	2916	92	73	315	0.793	0.232	0.292	9.2	24.45
2806	40.0773	117.2354	-163.1	329	QA1	0	0	0	0	85	34.6	2933	95	125	273	1.316	0.458	0.348	9.3	24.45
2807	40.0778	117.2354	-162.6	333	QA1	0	0	0	0	80	34.7	2912	74	197	261	2.662	0.755	0.284	9.3	24.45
2808	40.0783	117.2354	-165.1	334	QA1	0	0	0	0	83	34.7	2960	69	224	251	3.246	0.892	0.275	9.3	24.45
2809	40.0788	117.2355	-172.9	332	QA1	0	0	0	0	80	34.7	2949	76	253	256	3.329	0.988	0.297	9.3	24.45
2810	40.0793	117.2355	-180.4	332	QA1	0	0	0	0	79	34.7	3115	78	260	186	3.333	1.398	0.419	9.3	24.45
2811	40.0798	117.2355	-187.6	334	QA1	0	0	0	0	73	34.7	2960	91	143	281	1.571	0.509	0.324	9.3	24.45

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2812	40.0802	117.2355	-194.9	339	QA1	0	0	0	0	83	34.8	2991	71	135	273	1.901	0.495	0.260	9.4	24.44
2813	40.0807	117.2355	-200.6	339	QA1	0	0	0	0	78	34.8	3165	63	181	284	2.873	0.637	0.222	9.4	24.44
2814	40.0812	117.2355	-205.9	340	QA1	0	0	0	0	71	34.8	2914	72	146	288	2.028	0.507	0.250	9.4	24.45
2815	40.0817	117.2355	-212.5	334	QA1	0	0	0	0	82	34.7	2936	70	251	229	3.586	1.096	0.306	9.4	24.45
2816	40.0822	117.2355	-217.3	329	QA1	0	0	0	0	87	34.6	2877	83	186	285	2.241	0.653	0.291	9.4	24.45
2817	40.0827	117.2355	-221.1	325	QA1	0	0	0	0	82	34.6	2907	75	199	234	2.653	0.850	0.321	9.4	24.46
2818	40.0832	117.2355	-224.1	323	QA1	0	0	0	0	78	34.5	2972	89	124	298	1.393	0.416	0.299	9.4	24.46
2819	40.0837	117.2355	-225.7	318	QA1	0	0	0	0	82	34.4	2993	83	133	288	1.602	0.462	0.288	9.4	24.46
2820	40.0842	117.2355	-225.4	319	QA1	0	0	0	0	74	34.4	2901	92	207	229	2.250	0.904	0.402	9.4	24.46
2821	40.0847	117.2355	-222.3	314	QA1	0	0	0	0	82	29.3	2751	70	210	237	3.000	0.886	0.295	9.3	24.46
2822	40.0852	117.2355	-223.8	311	QA1	0	0	0	0	82	29.3	2751	81	104	275	1.284	0.378	0.295	9.4	24.46
2823	40.0857	117.2355	-227.4	309	QA1	0	0	0	0	72	29.2	2832	80	204	249	2.550	0.819	0.321	9.4	24.47
2824	40.0862	117.2355	-228.3	315	QA1	0	0	0	0	76	29.3	2919	80	166	278	2.075	0.597	0.288	9.3	24.47
2825	40.0867	117.2355	-228.9	312	QF	0	0	0	0	86	29.3	2840	75	192	261	2.560	0.736	0.287	9.2	24.47
2826	40.0872	117.2355	-231.1	316	QF	0	0	0	0	86	29.3	2929	77	280	221	3.636	1.267	0.348	9.1	24.47
2827	40.0877	117.2355	-230.4	311	QF	0	0	0	0	83	29.3	2811	81	151	298	1.864	0.507	0.272	9.2	24.46
2828	40.0881	117.2355	-233.2	307	QF	0	0	0	0	90	29.2	2759	65	143	288	2.200	0.497	0.226	9.2	24.47
2829	40.0886	117.2355	-238.8	298	QF	0	0	0	0	69	29.0	3018	113	156	268	1.381	0.582	0.422	9.2	24.48
2830	40.0891	117.2355	-244.4	292	QF	0	0	0	0	79	28.9	3042	97	280	231	2.887	1.212	0.420	9.2	24.48
2831	40.0896	117.2355	-253.7	289	QF	0	0	0	0	84	28.9	3107	81	299	268	3.691	1.116	0.302	9.2	24.48
2832	40.0901	117.2355	-256.5	285	QF	0	0	0	0	69	28.8	3178	81	289	271	3.568	1.066	0.299	9.2	24.48
2833	40.0906	117.2355	-264.8	281	QF	0	0	0	0	76	28.8	3210	93	374	244	4.022	1.533	0.381	9.2	24.48
2834	40.0911	117.2355	-265.6	276	QF	0	0	0	0	68	28.7	3350	104	244	332	2.346	0.735	0.313	9.2	24.48
2835	40.0915	117.2355	-259.9	273	QF	0	0	0	0	82	28.6	3388	98	294	263	3.000	1.118	0.373	9.2	24.48
2836	40.0920	117.2355	-250.6	274	QF	0	0	0	0	79	28.6	3611	107	222	356	2.075	0.624	0.301	9.2	24.47
2837	40.0925	117.2355	-237.1	279	QF	0	0	0	0	69	28.7	3501	109	273	310	2.505	0.881	0.352	9.2	24.46
2838	40.0930	117.2355	-221.4	281	QF	0	0	0	0	91	28.7	3562	104	373	256	3.587	1.457	0.406	9.1	24.46
2839	40.0935	117.2354	-208.6	280	QF	0	0	0	0	81	28.7	3594	111	294	337	2.649	0.872	0.329	9.1	24.46
2840	40.0939	117.2354	-197.9	284	QF	0	0	0	0	85	24.6	3560	144	248	302	1.722	0.821	0.477	9.1	24.45
2841	40.0944	117.2354	-184.9	289	QF	0	0	0	0	75	24.7	3566	101	319	326	3.158	0.979	0.310	9.1	24.44
2842	40.0949	117.2354	-172.8	294	QF	0	0	0	0	77	24.7	3694	137	264	322	1.927	0.820	0.425	9.1	24.43
2843	40.0954	117.2354	-168.8	299	QF	0	0	0	0	82	24.8	3835	124	306	358	2.468	0.855	0.346	9.1	24.42
2844	40.0959	117.2354	-167.9	297	QF	0	0	0	0	77	24.8	3854	157	228	393	1.452	0.580	0.399	9.1	24.41
2845	40.0963	117.2354	-170.4	292	QF	0	0	0	0	85	24.7	3792	140	249	387	1.779	0.643	0.362	9.1	24.40
2846	40.0968	117.2354	-173.6	294	QF	0	0	0	0	72	24.7	3758	139	334	279	2.403	1.197	0.498	9.1	24.39
2847	40.0973	117.2354	-175.8	317	QF	0	0	0	0	87	25.1	3852	116	241	387	2.078	0.623	0.300	9.0	24.37
2848	40.0978	117.2354	-188.0	344	QF	0	0	0	0	89	25.4	3852	128	315	284	2.461	1.109	0.451	9.0	24.35
2849	40.0983	117.2354	-193.2	361	QF	0	0	0	0	93	25.6	4037	120	255	373	2.125	0.684	0.322	9.0	24.34
2850	40.0987	117.2354	-202.7	362	QF	0	0	0	0	77	25.7	3967	150	309	292	2.060	1.058	0.514	9.0	24.34
2851	40.0992	117.2354	-208.9	367	QF	0	0	0	0	80	25.7	3975	150	365	281	2.433	1.299	0.534	9.0	24.32
2852	40.0997	117.2353	-206.2	365	TFCM2	0	0	0	0	79	25.7	4126	136	335	316	2.463	1.060	0.430	9.0	24.31
2853	40.1002	117.2353	-197.7	360	TFCM2	0	0	0	0	84	25.6	3910	142	382	287	2.690	1.331	0.495	9.0	24.29
2854	40.1007	117.2353	-185.4	342	TFCM2	0	0	0	0	81	25.4	3923	123	315	382	2.561	0.825	0.322	9.0	24.27
2855	40.1011	117.2353	-171.1	320	TFCM2	0	0	0	0	82	25.1	3836	128	262	407	2.047	0.644	0.314	9.1	24.26
2856	40.1016	117.2353	-164.1	297	TFCM2	0	0	0	0	73	24.8	3975	134	371	335	2.769	1.107	0.400	9.1	24.25
2857	40.1021	117.2353	-161.7	287	TFCM2	0	0	0	0	84	24.6	3871	137	232	385	1.693	0.603	0.356	9.0	24.23
2858	40.1026	117.2353	-162.5	272	TFCM2	0	0	0	0	76	24.4	3918	120	280	379	2.333	0.739	0.317	8.9	24.20
2859	40.1031	117.2353	-163.1	267	TFCM2	0	0	0	0	83	20.2	3785	126	349	250	2.770	1.396	0.504	8.9	24.17
2860	40.1035	117.2353	-163.4	260	TFCM2	0	0	0	0	82	20.1	3752	141	295	347	2.092	0.850	0.406	8.9	24.14
2861	40.1040	117.2353	-165.7	263	TFCM2	0	0	0	0	85	20.1	3662	124	278	332	2.242	0.837	0.373	8.8	24.12
2862	40.1045	117.2353	-166.0	262	TFCM2	0	0	0	0	91	20.1	3688	126	245	310	1.944	0.790	0.406	8.8	24.11
2863	40.1050	117.2353	-176.5	258	TFCM2	0	0	0	0	89	20.1	3721	145	165	388	1.138	0.425	0.374	8.7	24.09
2864	40.1055	117.2352	-194.5	263	TFCM2	0	0	0	0	82	20.1	3613	131	310	299	2.366	1.037	0.438	8.7	24.09
2865	40.1060	117.2352	-206.7	296	TFCM2	0	0	0	0	88	20.5	3806	124	286	314	2.306	0.911	0.395	8.7	24.08

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2866	40.1064	117.2352	-214.5	323	TFCM2	0	0	0	0	84	20.8	3876	161	304	309	1.888	0.984	0.521	8.7	24.06
2867	40.1069	117.2352	-217.5	352	TFCM2	0	0	0	0	86	21.1	4204	161	249	302	1.547	0.825	0.533	8.6	24.03
2868	40.1074	117.2352	-216.4	376	TFCM2	0	0	0	0	82	21.3	3957	160	243	337	1.519	0.721	0.475	8.7	24.02
2869	40.1079	117.2352	-216.5	387	TFCM2	0	0	0	0	89	21.4	3939	136	298	327	2.191	0.911	0.416	8.6	24.03
2870	40.1084	117.2352	-213.2	400	TFCM2	0	0	0	0	87	21.6	3887	138	318	317	2.304	1.003	0.435	8.6	24.01
2871	40.1088	117.2352	-206.0	421	TFCM2	0	0	0	0	88	21.8	4184	127	344	328	2.709	1.049	0.387	8.7	24.02
2872	40.1093	117.2352	-203.2	431	TFCM2	0	0	0	0	86	21.9	4255	120	410	333	3.417	1.231	0.360	8.6	24.01
2873	40.1098	117.2352	-196.7	432	TFCM2	0	0	0	0	81	21.9	4316	144	254	413	1.764	0.615	0.349	8.6	23.99
2874	40.1103	117.2352	-180.9	418	TFCM2	0	0	0	0	85	21.7	3998	141	245	373	1.738	0.657	0.378	8.6	23.97
2875	40.1108	117.2352	-175.3	398	TFCM2	0	0	0	0	87	21.5	4369	127	358	312	2.819	1.147	0.407	8.6	23.94
2876	40.1112	117.2352	-169.5	378	TFCM2	0	0	0	0	87	21.4	3897	131	329	327	2.511	1.006	0.401	8.6	23.95
2877	40.1117	117.2351	-166.7	358	TFCM2	0	0	0	0	92	21.1	3919	124	249	368	2.008	0.677	0.337	8.6	23.95
2878	40.1122	117.2351	-167.6	342	TFCM2	0	0	0	0	95	18.6	3931	135	281	373	2.081	0.753	0.362	8.5	23.94
2879	40.1127	117.2351	-161.4	330	TFCM2	0	0	0	0	84	18.5	3874	134	236	365	1.761	0.647	0.367	8.4	23.92
2880	40.1132	117.2351	-155.0	320	TFCM2	0	0	0	0	85	18.4	3812	126	334	277	2.651	1.206	0.455	8.3	23.90
2881	40.1136	117.2351	-150.6	314	TFCM2	0	0	0	0	88	18.3	3778	149	265	355	1.779	0.746	0.420	8.3	23.89
2882	40.1141	117.2351	-148.9	310	TFCM2	0	0	0	0	97	18.3	3929	133	319	314	2.398	1.016	0.424	8.4	23.86
2883	40.1146	117.2351	-150.2	301	TFCM2	0	0	0	0	95	18.2	3698	149	188	368	1.262	0.511	0.405	8.3	23.87
2884	40.1151	117.2351	-152.3	292	TFCM2	0	0	0	0	94	18.1	3741	119	235	376	1.975	0.625	0.316	8.3	23.87
2885	40.1156	117.2351	-157.9	283	TFCM2	0	0	0	0	93	18.0	3690	133	229	337	1.722	0.680	0.395	8.4	23.86
2886	40.1160	117.2351	-161.2	280	TFCM2	0	0	0	0	102	18.0	3509	109	344	320	3.156	1.075	0.341	8.3	23.84
2887	40.1165	117.2351	-158.3	273	TFCM2	0	0	0	0	98	17.9	3700	126	289	311	2.294	0.929	0.405	8.3	23.83
2888	40.1170	117.2351	-161.9	260	TFCM2	0	0	0	0	84	17.8	3667	123	304	325	2.472	0.935	0.378	8.3	23.82
2889	40.1175	117.2350	-167.3	250	TFCM2	0	0	0	0	92	17.7	3551	118	318	312	2.695	1.019	0.378	8.4	23.81
2890	40.1180	117.2350	-171.5	252	TFCM2	0	0	0	0	98	17.7	3411	122	282	317	2.311	0.890	0.385	8.4	23.80
2891	40.1184	117.2350	-176.6	249	TFCM2	0	0	0	0	89	17.7	3427	127	271	302	2.134	0.897	0.421	8.4	23.80
2892	40.1189	117.2350	-182.0	251	TFCM2	0	0	0	0	89	17.7	3485	119	356	252	2.992	1.413	0.472	8.3	23.78
2893	40.1194	117.2350	-179.8	256	TFCM2	0	0	0	0	85	17.8	3691	148	303	311	2.047	0.974	0.476	8.3	23.77
2894	40.1199	117.2350	-179.9	268	TFCM2	0	0	0	0	92	17.9	3445	127	329	279	2.591	1.179	0.455	8.3	23.76
2895	40.1204	117.2350	-178.7	274	TFCM2	0	0	0	0	94	18.0	3441	113	237	347	2.097	0.683	0.326	8.3	23.76
2896	40.1208	117.2350	-175.9	272	TFCM2	0	0	0	0	85	17.9	3472	141	223	331	1.582	0.674	0.426	8.3	23.76
2897	40.1213	117.2350	-178.5	269	TFCM2	0	0	0	0	85	18.1	3469	121	326	266	2.694	1.226	0.455	8.2	23.76
2898	40.1218	117.2350	-185.4	280	TFCM2	0	0	0	0	93	18.2	3539	107	289	353	2.701	0.819	0.303	8.2	23.76
2899	40.1223	117.2350	-187.0	300	TFCM2	0	0	0	0	86	18.4	3640	119	338	301	2.840	1.123	0.395	8.2	23.75
2900	40.1228	117.2350	-196.8	333	TFCM2	0	0	0	0	85	18.7	3779	121	317	318	2.620	0.997	0.381	8.2	23.74
2901	40.1232	117.2350	-204.6	387	TFCM2	0	0	0	0	73	19.2	3605	127	266	325	2.094	0.818	0.391	8.2	23.74
2902	40.1237	117.2349	-204.1	452	TFCM2	0	0	0	0	90	19.7	4148	114	387	294	3.395	1.316	0.388	8.2	23.74
2903	40.1242	117.2349	-197.3	485	TFCM2	0	0	0	0	88	20.0	3998	141	260	334	1.844	0.778	0.422	8.2	23.74
2904	40.1247	117.2349	-194.0	492	TFCM2	0	0	0	0	92	20.1	3910	121	288	282	2.380	1.021	0.429	8.2	23.74
2905	40.1252	117.2349	-189.1	491	TFCM2	0	0	0	0	84	20.1	3922	117	336	281	2.872	1.196	0.416	8.1	23.74
2906	40.1256	117.2349	-182.8	491	TFCM2	0	0	0	0	87	20.0	3629	116	281	258	2.422	1.089	0.450	8.1	23.74
2907	40.1261	117.2349	-181.6	490	TFCM2	0	0	0	0	84	20.0	3776	128	261	257	2.039	1.016	0.498	8.1	23.73
2908	40.1266	117.2349	-177.3	490	TFCM2	0	0	0	0	92	20.0	3614	118	264	275	2.237	0.960	0.429	8.1	23.73
2909	40.1271	117.2349	-177.4	489	TFCM2	0	0	0	0	72	20.0	3440	130	180	304	1.385	0.592	0.428	8.1	23.75
2910	40.1276	117.2349	-169.4	488	TFCM2	0	0	0	0	92	20.0	3723	129	193	310	1.496	0.623	0.416	8.2	23.75
2911	40.1280	117.2349	-164.7	486	TFCM2	0	0	0	0	86	20.0	3668	84	393	228	4.679	1.724	0.368	8.1	23.75
2912	40.1285	117.2349	-162.5	483	TFCM2	0	0	0	0	90	20.0	3657	128	241	322	1.883	0.748	0.398	8.1	23.75
2913	40.1290	117.2349	-159.6	475	TFCM2	0	0	0	0	81	19.9	3811	106	376	272	3.547	1.382	0.390	8.1	23.75
2914	40.1295	117.2348	-158.2	463	TFCM2	0	0	0	0	93	19.8	3867	117	255	365	2.179	0.699	0.321	8.1	23.75
2915	40.1300	117.2348	-154.6	443	TFCM2	0	0	0	0	84	19.7	3727	120	250	305	2.083	0.820	0.393	8.1	23.75
2916	40.1305	117.2348	-157.6	415	TFCM2	0	0	0	0	98	14.7	3672	103	308	311	2.990	0.990	0.331	8.0	23.75
2917	40.1309	117.2348	-162.2	409	TFCM2	0	0	0	0	98	14.7	3602	139	124	363	0.892	0.342	0.383	8.0	23.75
2918	40.1314	117.2348	-167.0	409	TFCM2	0	0	0	0	96	14.7	3649	86	339	286	3.942	1.185	0.301	8.0	23.75
2919	40.1319	117.2348	-166.7	411	TFCM2	0	0	0	0	89	14.7	3743	102	230	367	2.255	0.627	0.278	7.9	23.75

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2920	40.1324	117.2348	-163.7	406	TFCM2	0	0	0	0	104	14.7	3725	109	319	283	2.927	1.127	0.385	7.9	23.75
2921	40.1329	117.2348	-161.8	398	TFCM2	0	0	0	0	86	14.7	3781	113	267	322	2.363	0.829	0.351	7.9	23.76
2922	40.1333	117.2348	-158.7	384	TFCM2	0	0	0	0	98	14.6	3546	105	317	227	3.019	1.396	0.463	7.9	23.76
2923	40.1338	117.2348	-162.3	379	TFCM2	0	0	0	0	88	14.5	3568	117	243	306	2.077	0.794	0.382	7.8	23.76
2924	40.1343	117.2348	-173.9	391	TFCM2	0	0	0	0	97	14.6	3701	148	229	267	1.547	0.858	0.554	7.8	23.77
2925	40.1348	117.2348	-204.1	467	TFCM2	0	0	0	0	85	15.0	4046	134	310	357	2.313	0.868	0.375	7.7	23.78
2926	40.1353	117.2348	-207.9	495	TFCM2	0	0	0	0	92	15.2	3982	133	167	366	1.256	0.456	0.363	7.7	23.78
2927	40.1357	117.2347	-211.2	579	TFCM2	0	0	0	0	89	15.6	4236	103	361	335	3.505	1.078	0.307	7.7	23.79
2928	40.1362	117.2347	-203.3	624	TFCM2	0	0	0	0	88	15.8	3963	126	338	295	2.683	1.146	0.427	7.7	23.79
2929	40.1367	117.2347	-191.2	678	TFCM2	0	0	0	0	92	16.0	4549	140	354	307	2.529	1.153	0.456	7.7	23.80
2930	40.1372	117.2347	-183.5	703	TFCM2	1	0	0	0	89	16.1	4366	152	350	268	2.303	1.306	0.567	7.8	23.79
2931	40.1377	117.2347	-169.3	732	TFCM2	1	0	0	0	87	16.3	4496	119	426	313	3.580	1.361	0.380	7.8	23.80
2932	40.1381	117.2347	-160.4	718	TFCM2	1	0	0	0	80	16.2	4682	186	213	341	1.145	0.625	0.545	7.9	23.79
2933	40.1386	117.2347	-143.6	697	TFCM2	0	0	0	0	91	16.1	4783	149	347	287	2.329	1.209	0.519	7.8	23.79
2934	40.1391	117.2347	-129.4	665	TFCM2	0	0	0	0	95	16.0	4479	133	258	383	1.940	0.674	0.347	7.9	23.79
2935	40.1396	117.2347	-113.5	614	TFCM2	0	0	0	0	92	12.1	4558	176	350	290	1.989	1.207	0.607	7.9	23.78
2936	40.1401	117.2347	-89.8	521	TFCM2	0	0	0	0	90	11.8	4445	116	349	381	3.009	0.916	0.304	7.8	23.79
2937	40.1405	117.2347	-67.3	464	TFCM2	0	0	0	0	86	11.6	4408	162	337	344	2.080	0.980	0.471	7.8	23.78
2938	40.1410	117.2347	-32.6	373	TFCM2	0	0	0	0	98	11.3	4008	135	330	335	2.444	0.985	0.403	7.8	23.78
2939	40.1415	117.2346	-35.0	320	TFCM2	0	0	0	0	92	11.1	3829	154	215	341	1.396	0.630	0.452	7.7	23.77
2940	40.1420	117.2346	-53.4	311	TFCM2	0	0	0	0	83	11.0	3984	161	203	314	1.261	0.646	0.513	7.6	23.77
2941	40.1425	117.2346	-68.5	301	TFCM2	0	0	0	0	100	11.0	3852	130	247	397	1.900	0.622	0.327	7.6	23.77
2942	40.1429	117.2346	-97.0	303	TFCM2	0	0	0	0	91	11.0	3710	142	268	317	1.887	0.845	0.448	7.6	23.77
2943	40.1434	117.2346	-122.2	333	TFCM2	0	0	0	0	84	11.1	4031	145	265	288	1.828	0.920	0.503	7.6	23.77
2944	40.1439	117.2346	-129.8	388	TFCM2	0	0	0	0	84	11.3	4411	135	289	408	2.141	0.708	0.331	7.6	23.77
2945	40.1444	117.2346	-126.0	402	TFCM2	0	0	0	0	78	11.4	4360	139	332	339	2.388	0.979	0.410	7.6	23.76
2946	40.1449	117.2346	-124.8	422	TFCM2	0	0	0	0	83	11.5	4119	158	299	349	1.892	0.857	0.453	7.6	23.77
2947	40.1453	117.2346	-117.9	471	TFCM2	0	0	0	0	86	11.6	4452	125	333	365	2.664	0.912	0.342	7.6	23.77
2948	40.1458	117.2346	-106.6	482	TFCM2	0	0	0	0	85	11.7	4424	154	272	459	1.766	0.593	0.336	7.6	23.77
2949	40.1463	117.2346	-98.6	487	TFCM2	0	0	0	0	87	11.7	4357	121	385	387	3.182	0.995	0.313	7.6	23.76
2950	40.1468	117.2346	-93.7	478	TFCM2	0	0	0	0	94	11.7	4069	165	299	394	1.812	0.759	0.419	7.6	23.76
2951	40.1473	117.2346	-70.3	430	TFCM2	0	0	0	0	105	11.5	3888	128	306	334	2.391	0.916	0.383	7.6	23.76
2952	40.1477	117.2345	-63.5	406	TFCM2	0	0	0	0	89	11.4	3838	115	395	298	3.435	1.326	0.386	7.6	23.75
2953	40.1482	117.2345	-55.0	383	TFCM2	0	0	0	0	84	11.3	3945	129	271	369	2.101	0.734	0.350	7.6	23.75
2954	40.1487	117.2345	-49.9	368	TFCM2	0	0	0	0	100	11.0	3718	111	399	283	3.595	1.410	0.392	7.5	23.75
2955	40.1492	117.2345	-46.3	348	TFCM2	0	0	0	0	85	10.9	3690	129	256	374	1.984	0.684	0.345	7.6	23.75
2956	40.1497	117.2345	-48.6	352	TFCM2	0	0	0	0	82	11.0	3707	125	313	304	2.504	1.030	0.411	7.6	23.75
2957	40.1501	117.2345	-45.6	351	TFCM2	0	0	0	0	93	11.0	3747	145	258	332	1.779	0.777	0.437	7.5	23.75
2958	40.1506	117.2345	-42.8	363	TFCM2	0	0	0	0	88	11.0	3807	118	262	351	2.220	0.746	0.336	7.5	23.74
2959	40.1511	117.2345	-39.5	372	TFCM2	0	0	0	0	86	11.0	3924	122	278	384	2.279	0.724	0.318	7.5	23.73
2960	40.1516	117.2345	-35.6	386	TFCM2	0	0	0	0	91	11.1	3871	142	272	371	1.915	0.733	0.383	7.5	23.73
2961	40.1521	117.2345	-34.8	398	TFCM2	0	0	0	0	99	11.1	3791	135	312	342	2.311	0.912	0.395	7.4	23.72
2962	40.1525	117.2345	-34.9	417	TFCM2	0	0	0	0	85	11.2	4073	124	302	392	2.435	0.770	0.316	7.5	23.72
2963	40.1530	117.2345	-30.9	422	TFCM2	0	0	0	0	85	11.2	3918	123	405	332	3.293	1.220	0.370	7.4	23.72
2964	40.1535	117.2344	-20.5	408	TFCM2	0	0	0	0	89	11.2	4057	139	311	389	2.237	0.799	0.357	7.4	23.73
2965	40.1540	117.2344	-20.6	367	TFCM2	0	0	0	0	99	11.0	3821	110	353	319	3.209	1.107	0.345	7.4	23.73
2966	40.1545	117.2344	-21.2	331	TFCM2	0	0	0	0	84	10.9	3740	131	329	334	2.511	0.935	0.392	7.4	23.73
2967	40.1550	117.2344	-26.4	309	TFCM2	0	0	0	0	93	10.8	3753	132	272	339	2.061	0.802	0.389	7.4	23.73
2968	40.1554	117.2344	-31.4	302	TFCM2	0	0	0	0	83	10.8	3635	100	382	383	3.820	0.997	0.261	7.4	23.73
2969	40.1559	117.2344	-39.5	298	TFCM2	0	0	0	0	102	10.8	3679	137	285	335	2.080	0.851	0.409	7.4	23.74
2970	40.1564	117.2344	-50.0	302	TFCM2	0	0	0	0	90	10.8	3803	109	318	369	2.917	0.862	0.295	7.4	23.74
2971	40.1569	117.2344	-67.4	314	TFCM2	0	0	0	0	97	10.8	3709	113	325	346	2.876	0.939	0.327	7.4	23.74
2972	40.1574	117.2344	-81.9	348	TFCM2	0	0	0	0	94	10.9	4088	141	390	255	2.766	1.529	0.553	7.4	23.74
2973	40.1578	117.2344	-82.8	383	TFCM2	0	0	0	0	87	9.9	3929	141	289	377	2.050	0.767	0.374	7.4	23.75

RE
362
362
362
362
362
362
362
362
362
363
363
363
363
363
363
363
363
363
364
364
364
364
364
364
364
364
365
365
365
365
365
365
365
365
365
366
366
366
366
366
366
366
366
366
367
367
367
367
367
367

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2974	40.1583	117.2344	-78.0	423	TFCM2	0	0	0	0	83	10.1	4264	143	321	350	2.245	0.917	0.409	7.4	23.75
2975	40.1588	117.2344	-65.2	407	TFCM2	0	0	0	0	95	10.0	4042	142	268	402	1.887	0.667	0.353	7.5	23.75
2976	40.1593	117.2344	-49.9	357	TFCM2	0	0	0	0	87	9.9	3781	126	344	321	2.730	1.072	0.393	7.5	23.75
2977	40.1598	117.2343	-59.7	320	TFCM2	0	0	0	0	84	9.7	3809	128	323	317	2.523	1.019	0.404	7.5	23.76
2978	40.1602	117.2343	-80.7	323	TFCM2	0	0	0	0	83	9.8	3781	140	337	295	2.407	1.142	0.475	7.4	23.76
2979	40.1607	117.2343	-95.6	361	TFCM2	0	0	0	0	82	9.9	3965	108	334	333	3.093	1.003	0.324	7.4	23.77
2980	40.1612	117.2343	-95.0	407	TFCM2	0	0	0	0	91	10.0	4135	138	344	390	2.493	0.882	0.354	7.4	23.77
2981	40.1617	117.2343	-92.1	460	TFCM2	0	0	0	0	90	10.2	4501	165	187	478	1.133	0.391	0.345	7.3	23.77
2982	40.1622	117.2343	-84.4	429	TFCM2	0	0	0	0	87	10.1	4223	139	336	404	2.417	0.832	0.344	7.3	23.78
2983	40.1626	117.2343	-69.7	395	TFCM2	0	0	0	0	98	10.0	3991	135	359	296	2.659	1.213	0.456	7.3	23.78
2984	40.1631	117.2343	-63.1	368	TFCM2	0	0	0	0	101	9.9	3826	115	344	308	2.991	1.117	0.373	7.3	23.78
2985	40.1636	117.2343	-57.9	346	TFCM2	0	0	0	0	91	9.8	3938	126	254	381	2.016	0.667	0.331	7.2	23.79
2986	40.1641	117.2343	-54.0	327	TFCM2	0	0	0	0	87	9.8	3785	123	334	287	2.715	1.164	0.429	7.2	23.78
2987	40.1646	117.2343	-49.1	318	TFCM2	0	0	0	0	89	9.7	3776	141	190	368	1.348	0.516	0.383	7.3	23.79
2988	40.1650	117.2343	-41.2	307	TFCM2	0	0	0	0	88	9.7	3640	124	350	289	2.823	1.211	0.429	7.3	23.79
2989	40.1655	117.2342	-41.2	312	TFCM2	0	0	0	0	92	9.7	3642	135	305	318	2.259	0.959	0.425	7.3	23.79
2990	40.1660	117.2342	-57.8	302	TFCM2	0	0	0	0	96	9.7	3735	112	374	252	3.339	1.484	0.444	7.4	23.79
2991	40.1665	117.2342	-72.4	319	TFCM2	0	0	0	0	76	9.7	3647	122	302	302	2.475	1.000	0.404	7.5	23.79
2992	40.1670	117.2342	-81.2	375	TFCM2	0	0	0	0	103	22.5	3930	124	285	330	2.298	0.864	0.376	7.5	23.79
2993	40.1674	117.2342	-78.2	407	TFCM2	0	0	0	0	92	22.9	4166	142	405	226	2.852	1.792	0.628	7.5	23.80
2994	40.1679	117.2342	-75.8	364	TFCM2	0	0	0	0	96	22.4	3981	144	241	367	1.674	0.657	0.392	7.5	23.81
2995	40.1684	117.2342	-74.2	355	TFCM2	0	0	0	0	87	22.3	3938	108	370	338	3.426	1.095	0.320	7.5	23.82
2996	40.1689	117.2342	-78.5	352	TFCM2	0	0	0	0	94	22.3	3994	154	238	371	1.545	0.642	0.415	7.4	23.83
2997	40.1694	117.2342	-87.7	362	TFCM2	0	0	0	0	92	22.4	4179	127	256	372	2.016	0.688	0.341	7.4	23.84
2998	40.1698	117.2342	-106.1	377	TFCM2	0	0	0	0	90	22.5	4288	151	370	338	2.450	1.095	0.447	7.4	23.85
2999	40.1703	117.2342	-125.3	413	TFCM2	0	0	0	0	86	22.9	4200	151	313	375	2.073	0.835	0.403	7.5	23.85
3000	40.1708	117.2342	-137.4	438	TFCM2	0	0	0	0	90	23.2	4147	129	364	364	2.822	1.000	0.354	7.5	23.86
3001	40.1713	117.2342	-130.5	453	TFCM2	0	0	0	0	91	23.3	4335	149	326	339	2.188	0.962	0.440	7.5	23.87
3002	40.1718	117.2341	-115.4	465	TFCM2	0	0	0	0	93	23.4	4031	123	282	343	2.293	0.822	0.359	7.5	23.87
3003	40.1722	117.2341	-119.1	474	TFCM2	0	0	0	0	83	23.5	4222	142	338	268	2.380	1.261	0.530	7.5	23.87
3004	40.1727	117.2341	-123.4	475	TFCM2	0	0	0	0	88	23.5	3994	108	294	324	2.722	0.907	0.333	7.5	23.87
3005	40.1732	117.2341	-128.5	490	TFCM2	0	0	0	0	89	23.7	3797	106	291	373	2.745	0.780	0.284	7.5	23.88
3006	40.1737	117.2341	-133.2	498	TFCM2	0	0	0	0	97	23.8	3880	108	222	332	2.056	0.669	0.325	7.5	23.91
3007	40.1742	117.2341	-129.8	521	TFCM2	0	0	0	0	86	24.0	3927	104	263	331	2.529	0.795	0.314	7.6	23.93
3008	40.1746	117.2341	-131.8	522	TFCM2	0	0	0	0	92	24.0	4043	115	349	219	3.035	1.594	0.525	7.6	23.94
3009	40.1751	117.2341	-135.7	538	QF	0	0	0	0	85	24.1	4063	152	207	316	1.362	0.655	0.481	7.6	23.95
3010	40.1756	117.2341	-140.8	548	QF	0	0	0	0	85	24.2	3875	114	283	307	2.482	0.922	0.371	7.7	23.96
3011	40.1761	117.2341	-146.0	538	QF	0	0	0	0	92	33.8	3683	106	298	301	2.811	0.990	0.352	7.7	23.97
3012	40.1766	117.2341	-146.8	525	QF	0	0	0	0	80	33.6	3805	101	293	312	2.901	0.939	0.324	7.7	23.99
3013	40.1770	117.2341	-145.8	497	QF	0	0	0	0	83	33.2	3672	97	284	230	2.928	1.235	0.422	7.7	24.00
3014	40.1775	117.2340	-144.4	494	QF	0	0	0	0	76	33.2	3533	124	156	330	1.258	0.473	0.376	7.8	24.01
3015	40.1780	117.2340	-135.9	494	QF	0	0	0	0	90	33.2	3497	122	235	272	1.926	0.864	0.449	7.9	24.02
3016	40.1785	117.2340	-132.9	491	QF	0	0	0	0	85	33.1	3388	117	159	312	1.359	0.510	0.375	7.9	24.03
3017	40.1790	117.2340	-127.9	493	QF	0	0	0	0	85	33.2	3586	116	306	229	2.638	1.336	0.507	8.0	24.04
3018	40.1794	117.2340	-124.6	496	QF	0	0	0	0	91	33.2	3429	102	215	249	2.108	0.863	0.410	8.0	24.05
3019	40.1799	117.2340	-122.7	496	QF	0	0	0	0	79	33.2	3303	106	272	283	2.566	0.961	0.375	8.1	24.05
3020	40.1804	117.2340	-113.9	495	TFCM2	0	0	0	0	92	33.2	3454	86	310	267	3.605	1.161	0.322	8.1	24.04
3021	40.1808	117.2340	-111.2	493	TFCM2	0	0	0	0	95	33.2	3507	95	204	341	2.147	0.598	0.279	8.1	24.05
3022	40.1813	117.2340	-109.5	493	TFCM2	0	0	0	0	79	33.2	3575	112	222	272	1.982	0.816	0.412	8.1	24.04
3023	40.1818	117.2340	-107.5	492	TFCM2	0	0	0	0	90	33.1	3672	92	343	257	3.728	1.335	0.358	8.2	24.05
3024	40.1823	117.2340	-98.3	491	TFCM2	0	0	0	0	79	33.1	3649	124	273	285	2.202	0.958	0.435	8.2	24.05
3025	40.1827	117.2340	-96.1	488	TFCM2	0	0	0	0	79	33.1	3692	121	324	318	2.678	1.019	0.381	8.2	24.05
3026	40.1832	117.2340	-94.4	481	TFCM2	0	0	0	0	88	33.0	3976	149	247	351	1.658	0.704	0.425	8.3	24.05
3027	40.1837	117.2340	-89.9	452	TFCM2	0	0	0	0	78	32.6	3914	144	257	309	1.785	0.832	0.466	8.3	24.06

REC
3676
3677
3678
3679
3680
3681
3682
3683
3684
3685
3686
3687
3688
3689
3690
3691
3692
3693
3694
3695
3696
3697
3698
3699
3700
3701
3702
3703
3704
3705
3706
3707
3708
3709
3710
3711
3712
3713
3714
3715
3716
3717
3718
3719
3720
3721
3722
3723
3724
3725
3726
3727
3728
3729

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3028	40.1842	117.2340	-87.3	434	TFCM2	0	0	0	0	82	32.3	3849	154	248	325	1.610	0.763	0.474	8.4	24.05
3029	40.1846	117.2340	-88.0	435	TFCM2	0	0	0	0	87	32.3	3977	144	258	333	1.792	0.775	0.432	8.5	24.05
3030	40.1851	117.2340	-83.7	451	TFCM2	0	0	0	0	90	47.1	4410	145	319	338	2.200	0.944	0.429	8.6	24.05
3031	40.1856	117.2340	-83.9	419	TFCM2	0	0	0	0	79	46.4	3974	144	256	336	1.778	0.762	0.429	8.6	24.04
3032	40.1861	117.2340	-81.7	394	TFCM2	0	0	0	0	91	45.8	3807	125	322	338	2.576	0.953	0.370	8.6	24.03
3033	40.1865	117.2340	-87.8	380	TFCM2	0	0	0	0	83	45.5	3996	104	394	314	3.788	1.255	0.331	8.6	24.01
3034	40.1870	117.2340	-94.3	403	TFCM2	0	0	0	0	100	46.0	3914	137	254	314	1.854	0.809	0.436	8.6	24.02
3035	40.1875	117.2340	-101.0	444	TFCM2	0	0	0	0	91	47.0	4170	130	336	342	2.585	0.982	0.380	8.7	24.02
3036	40.1879	117.2340	-107.2	482	TFCM2	0	0	0	0	77	47.8	4636	159	217	409	1.365	0.531	0.389	8.7	24.01
3037	40.1884	117.2340	-107.5	484	TFCM2	0	0	0	0	93	47.9	4272	141	324	335	2.298	0.967	0.421	8.7	24.00
3038	40.1889	117.2340	-104.5	476	TFCM2	0	0	0	0	85	47.7	4341	170	115	422	0.676	0.273	0.403	8.7	23.99
3039	40.1894	117.2340	-107.4	470	TFCM2	0	0	0	0	87	47.6	4047	119	299	338	2.513	0.885	0.352	8.7	23.99
3040	40.1898	117.2340	-105.1	470	TFCM2	0	0	0	0	93	47.6	4610	157	312	299	1.987	1.043	0.525	8.7	23.97
3041	40.1903	117.2340	-96.0	460	TFCM2	0	0	0	0	89	47.3	4085	147	294	283	2.000	1.039	0.519	8.7	23.96
3042	40.1908	117.2340	-101.0	450	TFCM2	0	0	0	0	95	47.1	4227	191	201	318	1.052	0.632	0.601	8.6	23.95
3043	40.1913	117.2340	-99.4	440	TFCM2	0	0	0	0	87	46.9	4132	140	324	335	2.314	0.967	0.418	8.6	23.93
3044	40.1917	117.2340	-97.8	428	TFCM2	0	0	0	0	83	46.6	4137	149	352	299	2.362	1.177	0.498	8.6	23.92
3045	40.1922	117.2340	-98.4	414	TFCM2	0	0	0	0	92	46.3	4[illegible]	143	279	446	1.951	0.626	0.321	8.6	23.91
3046	40.1927	117.2340	-98.1	395	TFCM2	0	0	0	0	90	45.8	[illegible]	152	392	352	2.579	1.114	0.432	8.6	23.90
3047	40.1932	117.2340	-104.0	378	TFCM2	0	0	0	0	106	45.4	[illegible]	160	340	336	2.125	1.012	0.476	8.6	23.88
3048	40.1936	117.2340	-105.6	364	TFCM2	0	0	0	0	85	45.1	[illegible]	155	332	400	2.142	0.830	0.387	8.6	23.85
3049	40.1941	117.2340	-108.3	362	TFCM2	0	0	0	0	88	35.5	4404	126	393	417	3.119	0.942	0.302	8.6	23.83
3050	40.1946	117.2340	-113.8	366	TFCM2	0	0	0	0	97	35.6	4461	169	358	404	2.118	0.886	0.418	8.6	23.81
3051	40.1950	117.2340	-117.9	364	TFCM2	0	0	0	0	90	35.6	4582	172	384	424	2.233	0.906	0.406	8.5	23.79
3052	40.1955	117.2340	-119.7	349	TFCM2	0	0	0	0	91	35.3	4688	174	274	445	1.575	0.616	0.391	8.6	23.79
3053	40.1960	117.2340	-127.1	340	TFCM2	0	0	0	0	93	35.1	4615	173	348	424	2.012	0.821	0.408	8.6	23.77
3054	40.1965	117.2340	-133.6	339	TFCM2	0	0	0	0	100	35.1	4402	156	338	434	2.167	0.779	0.359	8.6	23.76
3055	40.1969	117.2340	-135.1	335	TFCM2	0	0	0	0	91	35.0	4674	169	387	381	2.290	1.016	0.444	8.6	23.75
3056	40.1974	117.2340	-134.3	340	TFCM2	0	0	0	0	98	35.1	4589	144	433	403	3.007	1.074	0.357	8.6	23.73
3057	40.1979	117.2340	-135.8	353	TFCM2	0	0	0	0	89	35.4	4576	185	256	428	1.384	0.598	0.432	8.6	23.72
3058	40.1984	117.2340	-135.5	350	TFCM2	0	0	0	0	97	35.3	4510	173	362	406	2.092	0.892	0.426	8.5	23.69
3059	40.1988	117.2340	-135.4	335	TFCM2	0	0	0	0	88	35.0	4362	161	325	367	2.019	0.886	0.439	8.5	23.68
3060	40.1993	117.2340	-134.6	316	TFCM2	0	0	0	0	92	34.6	4293	155	350	382	2.258	0.916	0.406	8.6	23.68
3061	40.1998	117.2340	-137.7	309	TFCM2	0	0	0	0	84	34.5	4244	162	445	314	2.747	1.417	0.516	8.5	23.67
3062	40.2003	117.2340	-138.6	318	TFCM2	0	0	0	0	88	34.7	4184	150	286	371	1.907	0.771	0.404	8.5	23.66
3063	40.2007	117.2340	-139.0	308	TFCM2	0	0	0	0	94	34.5	4149	162	267	338	1.648	0.790	0.479	8.5	23.64
3064	40.2012	117.2340	-140.4	286	TFCM2	0	0	0	0	93	34.0	4044	136	300	411	2.206	0.730	0.331	8.4	23.64
3065	40.2017	117.2340	-139.1	297	TFCM2	0	0	0	0	83	34.2	4122	152	291	376	1.914	0.774	0.404	8.4	23.64
3066	40.2021	117.2340	-138.8	298	TFCM2	0	0	0	0	91	34.3	4045	140	308	374	2.200	0.824	0.374	8.3	23.62
3067	40.2026	117.2340	-138.6	299	TFCM2	0	0	0	0	103	34.3	3868	157	192	345	1.223	0.557	0.455	8.3	23.61
3068	40.2031	117.2340	-145.7	280	TFCM2	0	0	0	0	90	27.5	3867	168	203	304	1.208	0.668	0.553	8.3	23.61
3069	40.2036	117.2340	-151.4	292	TFCM2	0	0	0	0	103	27.7	3767	145	244	365	1.683	0.668	0.397	8.3	23.60
3070	40.2040	117.2340	-154.4	317	TFCM2	0	0	0	0	89	28.1	3767	116	270	319	2.328	0.846	0.364	8.3	23.59
3071	40.2045	117.2340	-159.8	340	TFCM2	0	0	0	0	104	28.4	3961	150	220	349	1.467	0.630	0.430	8.3	23.58
3072	40.2050	117.2340	-162.6	364	TFCM2	0	0	0	0	88	28.8	3745	111	317	318	2.856	0.997	0.349	8.3	23.57
3073	40.2055	117.2340	-166.2	381	TFCM2	0	0	0	0	89	29.1	4053	127	323	354	2.543	0.912	0.359	8.3	23.55
3074	40.2059	117.2340	-168.7	388	TFCM2	0	0	0	0	98	29.1	3944	140	252	397	1.800	0.635	0.353	8.2	23.55
3075	40.2064	117.2340	-166.7	385	TFCM2	0	0	0	0	98	29.1	4199	170	243	362	1.429	0.671	0.470	8.2	23.55
3076	40.2069	117.2340	-163.4	361	TFCM2	0	0	0	0	90	28.8	4185	149	251	392	1.685	0.640	0.380	8.2	23.55
3077	40.2074	117.2340	-162.1	337	TFCM2	0	0	0	0	89	28.4	4189	169	281	318	1.663	0.884	0.531	8.1	23.54
3078	40.2078	117.2340	-157.0	315	TFCM2	0	0	0	0	87	28.0	4124	191	234	370	1.225	0.632	0.516	8.1	23.53
3079	40.2083	117.2340	-154.0	292	TFCM2	0	0	0	0	93	27.7	4136	141	362	336	2.567	1.077	0.420	8.0	23.53
3080	40.2088	117.2340	-152.7	265	TFCM2	0	0	0	0	101	27.3	3988	181	243	360	1.343	0.675	0.503	8.0	23.52
3081	40.2092	117.2340	-153.6	252	TFCM2	0	0	0	0	102	27.0	4012	155	172	364	1.110	0.473	0.426	8.0	23.51

REC
3730
3731
3732
3733
3734
3735
3736
3737
3738
3739
3740
3741
3742
3743
3744
3745
3746
3747
3748
3749
3750
3751
3752
3753
3754
3755
3756
3757
3758
3759
3760
3761
3762
3763
3764
3765
3766
3767
3768
3769
3770
3771
3772
3773
3774
3775
3776
3777
3778
3779
3780
3781
3782
3783

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3082	40.2097	117.2340	-156.0	260	TFCM2	0	0	0	0	97	27.2	3898	153	228	387	1.490	0.589	0.395	7.9	23.50
3083	40.2102	117.2340	-154.0	269	TFCM2	0	0	0	0	94	27.3	3891	145	347	343	2.393	1.012	0.423	7.9	23.50
3084	40.2107	117.2340	-149.5	267	TFCM2	0	0	0	0	91	27.3	3982	139	299	353	2.151	0.847	0.394	7.9	23.49
3085	40.2111	117.2340	-148.3	263	TFCM2	0	0	0	0	93	27.2	3929	130	312	337	2.400	0.926	0.386	7.9	23.48
3086	40.2116	117.2340	-151.8	261	TFCM2	0	0	0	0	99	27.2	3801	147	202	351	1.374	0.575	0.419	7.9	23.48
3087	40.2121	117.2340	-155.1	260	TFCM2	0	0	0	0	96	20.0	4049	152	273	357	1.796	0.765	0.426	8.0	23.48
3088	40.2126	117.2340	-164.3	262	TFCM2	0	0	0	0	98	20.0	3797	121	250	394	2.066	0.635	0.307	8.0	23.48
3089	40.2130	117.2340	-170.1	266	TFCM2	0	0	0	0	91	20.0	3833	139	319	305	2.295	1.046	0.456	8.0	23.48
3090	40.2135	117.2340	-184.0	277	TFCM2	0	0	0	0	95	20.2	3724	129	268	354	2.078	0.757	0.364	8.1	23.48
3091	40.2140	117.2340	-192.9	288	TFCM2	0	0	0	0	95	20.3	3795	150	303	272	2.020	1.114	0.551	8.1	23.48
3092	40.2145	117.2340	-202.2	290	TFCM2	0	0	0	0	89	20.3	3632	130	254	345	1.954	0.736	0.377	8.1	23.48
3093	40.2149	117.2340	-210.2	283	TFCM2	0	0	0	0	91	20.2	3775	132	302	290	2.288	1.041	0.455	8.2	23.49
3094	40.2154	117.2340	-212.7	292	TFCM2	0	0	0	0	95	20.3	3617	128	246	378	1.922	0.651	0.339	8.2	23.49
3095	40.2159	117.2340	-223.6	303	TFCM2	0	0	0	0	100	20.4	3524	107	223	380	2.084	0.587	0.282	8.3	23.48
3096	40.2163	117.2340	-225.4	324	TFCM2	0	0	0	0	91	20.7	3675	112	314	327	2.804	0.960	0.343	8.3	23.47
3097	40.2168	117.2340	-229.1	358	TFCM2	0	0	0	0	97	21.0	3849	144	228	391	1.583	0.583	0.368	8.4	23.47
3098	40.2173	117.2340	-230.7	381	TFCM2	0	0	0	0	97	21.2	3974	145	283	340	1.952	0.832	0.426	8.5	23.47
3099	40.2178	117.2340	-237.9	360	TFCM2	0	0	0	0	92	21.0	4082	164	321	342	1.957	0.939	0.480	8.5	23.47
3100	40.2182	117.2340	-242.0	353	TFCM2	0	0	0	0	90	21.0	4073	145	345	345	2.379	1.000	0.420	8.6	23.47
3101	40.2187	117.2340	-245.8	343	TFCM2	0	0	0	0	83	20.9	4062	169	322	314	1.905	1.025	0.538	8.7	23.46
3102	40.2192	117.2340	-247.4	336	TFCM2	0	0	0	0	92	20.8	4026	145	263	372	1.814	0.707	0.390	8.7	23.46
3103	40.2197	117.2340	-256.3	322	TFCM2	0	0	0	0	93	20.6	4119	135	301	410	2.230	0.734	0.329	8.7	23.46
3104	40.2201	117.2340	-270.8	320	TFCM2	0	0	0	0	99	20.6	3991	158	328	328	2.076	1.000	0.482	8.7	23.46
3105	40.2206	117.2340	-278.0	322	TFCM2	0	0	0	0	80	20.6	4004	160	257	428	1.606	0.600	0.374	8.7	23.46
3106	40.2211	117.2340	-285.8	326	TFCM2	0	0	0	0	91	17.4	4213	145	289	383	1.993	0.755	0.379	8.7	23.45
3107	40.2216	117.2340	-297.2	340	TFCM2	0	0	0	0	108	17.5	3924	142	297	385	2.092	0.771	0.369	8.8	23.45
3108	40.2220	117.2340	-302.4	369	TFCM2	0	0	0	0	84	17.8	4168	141	360	366	2.553	0.984	0.385	8.7	23.45
3109	40.2225	117.2340	-305.1	415	TFCM2	0	0	0	0	90	18.1	4323	125	423	365	3.384	1.159	0.342	8.8	23.45
3110	40.2230	117.2340	-305.2	466	TFCM2	0	0	0	0	100	18.5	4600	150	276	437	1.840	0.632	0.343	8.8	23.45
3111	40.2234	117.2340	-307.4	472	TFCM2	0	0	0	0	95	18.5	4513	140	344	446	2.457	0.771	0.314	8.8	23.44
3112	40.2239	117.2340	-304.5	452	TFCM2	0	0	0	0	88	18.4	4387	109	373	392	3.422	0.952	0.278	8.8	23.45
3113	40.2244	117.2340	-302.1	413	TFCM2	0	0	0	0	97	18.1	4204	122	564	242	4.623	2.331	0.504	8.8	23.44
3114	40.2249	117.2340	-302.4	380	TFCM2	0	0	0	0	89	17.8	4166	128	345	385	2.695	0.896	0.332	8.8	23.44
3115	40.2253	117.2340	-304.8	358	TFCM2	0	0	0	0	99	17.7	4049	126	422	298	3.349	1.416	0.423	8.8	23.44
3116	40.2258	117.2340	-308.3	364	TFCM2	0	0	0	0	108	17.7	4046	126	368	311	2.921	1.183	0.405	8.8	23.45
3117	40.2263	117.2340	-310.6	394	TFCM2	0	0	0	0	97	18.0	4283	164	359	353	2.189	1.017	0.465	8.7	23.45
3118	40.2268	117.2340	-316.4	415	TFCM2	0	0	0	0	99	18.1	4247	144	335	368	2.326	0.910	0.391	8.7	23.45
3119	40.2272	117.2340	-311.0	438	TFCM2	0	0	0	0	93	18.3	4498	147	317	396	2.156	0.801	0.371	8.6	23.45
3120	40.2277	117.2340	-307.0	442	TFCM2	0	0	0	0	104	18.3	4540	155	355	379	2.290	0.937	0.409	8.6	23.45
3121	40.2282	117.2340	-303.9	419	TFCM2	0	0	0	0	91	18.1	4337	187	345	333	1.845	1.036	0.562	8.5	23.45
3122	40.2287	117.2340	-302.0	407	TFCM2	0	0	0	0	88	18.1	4218	159	295	375	1.855	0.787	0.424	8.5	23.44
3123	40.2291	117.2340	-300.6	396	TFCM2	0	0	0	0	100	18.0	4258	174	272	316	1.563	0.861	0.551	8.6	23.44
3124	40.2296	117.2340	-299.5	384	TFCM2	0	0	0	0	91	17.9	4151	135	411	288	3.044	1.427	0.469	8.6	23.43
3125	40.2301	117.2340	-310.7	386	TFCM2	0	0	0	0	96	13.6	4299	169	269	349	1.592	0.771	0.484	8.7	23.43
3126	40.2305	117.2340	-319.5	385	TFCM2	0	0	0	0	82	13.6	4409	176	234	391	1.330	0.598	0.450	8.8	23.42
3127	40.2310	117.2340	-328.2	390	TFCM2	0	0	0	0	96	13.6	4443	175	305	391	1.743	0.780	0.448	8.8	23.42
3128	40.2315	117.2340	-339.2	394	TFCM2	0	0	0	0	95	13.6	4491	158	363	414	2.297	0.877	0.382	8.9	23.40
3129	40.2320	117.2340	-345.2	397	TFCM2	0	0	0	0	92	13.6	4453	183	234	461	1.279	0.508	0.397	8.9	23.39
3130	40.2324	117.2340	-349.2	396	TFCM2	0	0	0	0	92	13.6	4463	154	329	408	2.136	0.806	0.377	9.0	23.38
3131	40.2329	117.2340	-344.7	398	TFCM2	0	0	0	0	99	13.7	4393	153	234	469	1.529	0.499	0.326	8.9	23.37
3132	40.2334	117.2340	-340.7	396	TFCM2	0	0	0	0	105	13.6	4456	161	379	391	2.354	0.969	0.412	8.9	23.36
3133	40.2339	117.2340	-331.0	389	TFCM2	0	0	0	0	99	13.6	4482	137	358	480	2.613	0.746	0.285	8.9	23.35
3134	40.2343	117.2340	-325.4	373	TFCM2	0	0	0	0	95	13.5	4425	159	370	360	2.327	1.028	0.442	8.9	23.33
3135	40.2348	117.2340	-318.0	363	TFCM2	0	0	0	0	97	13.5	4326	155	270	451	1.742	0.599	0.344	8.9	23.32

REC
3784
3785
3786
3787
3788
3789
3790
3791
3792
3793
3794
3795
3796
3797
3798
3799
3800
3801
3802
3803
3804
3805
3806
3807
3808
3809
3810
3811
3812
3813
3814
3815
3816
3817
3818
3819
3820
3821
3822
3823
3824
3825
3826
3827
3828
3829
3830
3831
3832
3833
3834
3835
3836
3837

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3136	40.2353	117.2340	-313.4	343	TFCM2	0	0	0	0	89	13.4	4292	150	302	386	2.013	0.782	0.389	8.8	23.31
3137	40.2358	117.2340	-309.4	314	TFCM2	0	0	0	0	93	13.2	4180	170	250	364	1.471	0.687	0.467	8.6	23.30
3138	40.2362	117.2340	-310.7	285	TFCM2	0	0	0	0	97	13.0	4060	161	190	412	1.180	0.461	0.391	8.5	23.28
3139	40.2367	117.2340	-314.6	270	TFCM2	0	0	0	0	89	13.0	3895	145	356	318	2.455	1.119	0.456	8.5	23.26
3140	40.2372	117.2340	-319.5	253	TFCM2	0	0	0	0	95	12.8	3789	134	238	369	1.776	0.645	0.363	8.4	23.25
3141	40.2376	117.2340	-322.3	241	TFCM2	0	0	0	0	107	12.8	3683	128	297	340	2.320	0.874	0.376	8.3	23.24
3142	40.2381	117.2340	-320.9	238	TFCM2	0	0	0	0	96	12.8	3618	128	229	370	1.789	0.619	0.346	8.2	23.22
3143	40.2386	117.2340	-322.1	242	TFCM2	0	0	0	0	102	12.8	3741	145	320	311	2.207	1.029	0.466	8.2	23.21
3144	40.2391	117.2340	-323.4	239	TFCM2	0	0	0	0	96	19.6	3712	120	366	287	3.050	1.275	0.418	8.2	23.19
3145	40.2395	117.2340	-322.0	231	TFCM2	0	0	0	0	98	19.5	3760	127	269	393	2.118	0.684	0.323	8.1	23.18
3146	40.2400	117.2340	-319.3	224	TFCM2	0	0	0	0	99	19.4	3710	133	257	336	1.932	0.765	0.396	8.1	23.16
3147	40.2405	117.2340	-314.9	216	TFCM2	0	0	0	0	111	19.3	3642	149	245	315	1.644	0.778	0.473	8.0	23.15
3148	40.2410	117.2340	-320.8	225	TFCM2	0	0	0	0	98	19.4	3755	145	249	340	1.717	0.732	0.426	8.0	23.14
3149	40.2414	117.2340	-332.6	251	TFCM2	0	0	0	0	93	19.7	3770	135	295	350	2.185	0.843	0.386	7.9	23.13
3150	40.2419	117.2340	-333.9	279	TFCM2	0	0	0	0	98	20.0	3916	128	221	430	1.727	0.514	0.298	7.8	23.12
3151	40.2424	117.2340	-327.7	272	TFCM2	0	0	0	0	108	19.9	3667	136	313	312	2.301	1.003	0.436	7.8	23.10
3152	40.2429	117.2340	-330.2	247	TFCM2	0	0	0	0	102	19.6	3609	118	287	313	2.432	0.917	0.377	7.7	23.08
3153	40.2433	117.2340	-365.7	248	TFCM2	0	0	0	0	102	19.7	3556	115	217	333	1.887	0.652	0.345	7.6	23.08
3154	40.2438	117.2340	-414.3	324	TFCM2	0	0	0	0	91	20.5	3859	137	298	310	2.175	0.961	0.442	7.7	23.07
3155	40.2443	117.2340	-436.1	435	TFCM2	0	0	0	0	106	21.6	4334	165	249	380	1.509	0.655	0.434	7.7	23.07
3156	40.2447	117.2340	-436.9	496	TFCM2	0	0	0	0	94	22.1	4501	172	318	333	1.849	0.955	0.517	7.7	23.07
3157	40.2452	117.2340	-414.5	547	TFCM2	0	0	0	0	105	22.5	4536	150	305	350	2.033	0.871	0.429	7.6	23.07
3158	40.2457	117.2340	-396.1	565	TFCM2	0	0	0	0	97	22.7	4537	178	401	265	2.253	1.513	0.672	7.6	23.08
3159	40.2462	117.2340	-388.7	590	TFCM2	0	0	0	0	97	22.9	4632	182	231	421	1.269	0.549	0.432	7.6	23.09
3160	40.2466	117.2340	-376.3	575	TFCM2	0	0	0	0	99	22.8	4636	183	325	264	1.776	1.231	0.693	7.5	23.10
3161	40.2471	117.2340	-368.3	551	TFCM2	0	0	0	0	112	22.6	4403	158	373	257	2.361	1.451	0.615	7.4	23.11
3162	40.2476	117.2340	-363.1	545	TFCM2	0	0	0	0	105	22.5	4386	148	371	267	2.507	1.390	0.554	7.4	23.12
3163	40.2481	117.2340	-351.8	548	TFCM2	0	0	0	0	99	36.1	4466	175	352	266	2.011	1.323	0.658	7.3	23.13
3164	40.2485	117.2340	-353.0	588	TFCM2	0	0	0	0	95	36.7	4971	198	350	275	1.768	1.273	0.720	7.4	23.13
3165	40.2490	117.2340	-351.3	610	TFCM2	0	0	0	0	96	37.0	4868	204	285	411	1.397	0.693	0.496	7.4	23.13
3166	40.2495	117.2339	-349.6	642	TFCM2	0	0	0	0	93	37.4	4941	233	319	332	1.369	0.961	0.702	7.4	23.13
3167	40.2500	117.2339	-352.6	639	TFCM2	0	0	0	0	95	37.4	4951	202	405	332	2.005	1.220	0.608	7.5	23.13
3168	40.2504	117.2339	-357.9	667	TFCM2	0	0	0	0	105	37.7	5182	201	516	181	2.567	2.851	1.110	7.5	23.13
3169	40.2509	117.2339	-357.4	664	TFCM2	0	0	0	0	98	37.7	5114	229	409	255	1.786	1.604	0.898	7.5	23.14
3170	40.2514	117.2339	-354.4	661	TFCM2	0	0	0	0	91	37.7	5014	183	376	281	2.055	1.338	0.651	7.5	23.14
3171	40.2518	117.2339	-349.0	653	TFCM2	0	0	0	0	95	37.6	5108	175	415	320	2.371	1.297	0.547	7.5	23.15
3172	40.2523	117.2339	-344.3	654	TFCM2	0	0	0	0	96	37.6	4843	187	313	317	1.674	0.987	0.590	7.5	23.15
3173	40.2528	117.2339	-337.5	628	TFCM2	0	0	0	0	102	37.2	4719	180	330	388	1.833	0.851	0.464	7.5	23.15
3174	40.2533	117.2339	-326.9	608	TFCM2	0	0	0	0	91	37.0	4649	198	308	302	1.556	1.020	0.656	7.5	23.15
3175	40.2537	117.2339	-318.0	572	TFCM2	0	0	0	0	101	36.5	4545	164	368	223	2.217	1.650	0.744	7.4	23.15
3176	40.2542	117.2339	-314.2	582	TFCM2	0	0	0	0	97	36.6	4592	167	359	220	2.150	1.632	0.759	7.4	23.15
3177	40.2547	117.2339	-298.6	584	TFCM2	0	0	0	0	90	36.6	4720	171	339	283	1.982	1.198	0.604	7.3	23.16
3178	40.2552	117.2339	-290.5	599	TFCM2	0	0	0	0	99	36.8	4766	187	313	280	1.674	1.118	0.668	7.2	23.16
3179	40.2556	117.2339	-281.5	546	TFCM2	0	0	0	0	95	36.1	4604	168	308	240	1.833	1.283	0.700	7.1	23.16
3180	40.2561	117.2339	-275.0	517	TFCM2	0	0	0	0	100	35.7	4438	148	293	258	1.980	1.136	0.574	7.1	23.16
3181	40.2566	117.2339	-270.4	501	TFCM2	0	0	0	0	94	35.4	3930	151	308	209	2.040	1.474	0.722	7.1	23.16
3182	40.2570	117.2339	-266.8	510	TFCM2	0	0	0	0	86	34.2	3921	148	251	243	1.696	1.033	0.609	7.0	23.16
3183	40.2575	117.2339	-260.8	512	TFCM2	0	0	0	0	95	34.2	3992	135	313	281	2.319	1.114	0.480	7.0	23.16
3184	40.2580	117.2339	-260.5	521	TFCM2	0	0	0	0	102	34.3	4355	160	289	208	1.806	1.389	0.769	7.0	23.16
3185	40.2585	117.2339	-259.1	507	TFCM2	0	0	0	0	99	34.1	4182	145	237	297	1.634	0.798	0.488	6.9	23.16
3186	40.2589	117.2339	-260.4	537	TFCM2	0	0	0	0	101	34.5	4306	167	290	204	1.737	1.422	0.819	7.0	23.15
3187	40.2594	117.2339	-262.9	562	TFCM2	0	0	0	0	95	34.9	4474	145	274	286	1.890	0.958	0.507	7.0	23.15
3188	40.2599	117.2339	-263.8	581	TFCM2	0	0	0	0	99	35.1	4172	155	286	257	1.845	1.113	0.603	7.0	23.16
3189	40.2604	117.2339	-265.1	610	TFCM2	0	0	0	0	96	35.5	4205	147	357	202	2.429	1.767	0.728	7.0	23.16

REC
3838
3839
3840
3841
3842
3843
3844
3845
3846
3847
3848
3849
3850
3851
3852
3853
3854
3855
3856
3857
3858
3859
3860
3861
3862
3863
3864
3865
3866
3867
3868
3869
3870
3871
3872
3873
3874
3875
3876
3877
3878
3879
3880
3881
3882
3883
3884
3885
3886
3887
3888
3889
3890
3891

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3190	40.2608	117.2339	-266.9	629	TFCM2	0	0	0	0	95	35.7	4347	201	198	270	0.985	0.733	0.744	6.9	23.16
3191	40.2613	117.2339	-269.9	638	TFCM2	0	0	0	0	91	35.9	4747	126	406	269	3.222	1.509	0.468	6.9	23.16
3192	40.2618	117.2339	-272.8	612	TFCM2	0	0	0	0	97	35.5	3959	133	228	315	1.714	0.724	0.422	6.9	23.16
3193	40.2623	117.2339	-274.8	590	TFCM2	0	0	0	0	90	35.3	4305	132	264	311	2.000	0.849	0.424	7.0	23.17
3194	40.2627	117.2339	-280.1	527	TFCM2	0	0	0	0	94	34.4	4021	128	276	267	2.156	1.034	0.479	6.9	23.17
3195	40.2632	117.2339	-285.1	495	TFCM2	0	0	0	0	86	33.9	4082	130	381	259	2.931	1.471	0.502	6.9	23.18
3196	40.2637	117.2339	-281.9	482	TFCM2	0	0	0	0	96	33.7	4612	150	314	324	2.093	0.969	0.463	6.9	23.18
3197	40.2641	117.2339	-284.1	464	TFCM2	0	0	0	0	111	33.5	4282	157	232	400	1.478	0.580	0.392	6.9	23.18
3198	40.2646	117.2339	-285.3	467	TFCM2	0	0	0	0	90	33.5	4296	159	257	343	1.616	0.749	0.464	6.8	23.18
3199	40.2651	117.2339	-291.0	484	TFCM2	0	0	0	0	105	33.8	4244	165	308	290	1.867	1.062	0.569	6.7	23.18
3200	40.2656	117.2339	-298.2	490	TC2	0	0	0	0	109	33.9	3860	148	232	259	1.568	0.896	0.571	6.7	23.18
3201	40.2660	117.2339	-301.8	507	TC2	0	0	0	0	100	23.5	3913	126	146	341	1.159	0.428	0.370	6.8	23.17
3202	40.2665	117.2339	-308.4	550	TC2	0	0	0	0	94	23.9	3797	128	291	269	2.273	1.082	0.476	6.7	23.17
3203	40.2670	117.2339	-316.1	621	TC2	0	0	0	0	90	24.5	3819	126	234	236	1.857	0.992	0.534	6.7	23.16
3204	40.2675	117.2339	-319.9	675	TC2	0	0	0	0	90	24.9	3713	127	177	275	1.394	0.644	0.462	6.7	23.15
3205	40.2679	117.2339	-328.1	682	TC2	0	0	0	0	99	24.9	3541	108	210	242	1.944	0.868	0.446	6.6	23.15
3206	40.2684	117.2339	-327.5	703	TC2	1	0	0	0	100	25.1	3479	127	234	175	1.843	1.337	0.726	6.6	23.15
3207	40.2689	117.2339	-320.5	766	TC2	1	0	0	0	93	25.5	3536	107	205	256	1.916	0.801	0.418	6.6	23.16
3208	40.2694	117.2339	-322.1	746	TC2	1	0	0	0	88	25.4	3460	81	220	254	2.716	0.866	0.319	6.5	23.17
3209	40.2698	117.2339	-310.1	715	TC2	1	0	0	0	88	25.2	3381	108	132	289	1.222	0.457	0.374	6.5	23.17
3210	40.2703	117.2339	-307.5	679	TC2	0	0	0	0	96	24.9	3155	78	205	233	2.628	0.880	0.335	6.4	23.17
3211	40.2708	117.2339	-299.3	671	TC2	0	0	0	0	100	24.9	3481	67	262	239	3.910	1.096	0.280	6.4	23.18
[illegible]	40.2712	117.2339	-283.6	663	TC2	0	0	0	0	108	24.8	3339	82	202	199	2.463	1.015	0.412	6.5	23.18
3[illegible]	40.2717	117.2339	-266.3	668	TC2	0	0	0	0	93	24.8	3399	91	236	273	2.593	0.864	0.333	6.5	23.18
3[illegible]	40.2722	117.2339	-250.5	647	TC2	0	0	0	0	105	24.7	3170	93	188	253	2.022	0.743	0.368	6.5	23.18
3215	40.2727	117.2339	-237.2	650	TC2	0	0	0	0	91	24.7	3380	84	206	248	2.452	0.831	0.339	6.4	23.18
3216	40.2731	117.2339	-219.9	659	TC2	0	0	0	0	94	24.8	3435	94	87	402	0.926	0.216	0.234	6.3	23.18
3217	40.2736	117.2339	-206.6	640	TC2	0	0	0	0	103	24.6	3358	83	97	348	1.169	0.279	0.239	6.3	23.18
3218	40.2741	117.2339	-190.8	614	TC2	0	0	0	0	99	24.4	3093	87	217	219	2.494	0.991	0.397	6.2	23.18
3219	40.2746	117.2339	-173.3	616	TC2	0	0	0	0	105	24.4	3405	67	219	222	3.269	0.986	0.302	6.2	23.18
3220	40.2750	117.2339	-153.6	614	QTB3	0	0	0	0	98	9.1	3275	77	263	196	3.416	1.342	0.393	6.2	23.18
3221	40.2755	117.2339	-120.1	588	QTB3	0	0	0	0	106	9.0	3242	70	259	203	3.700	1.276	0.345	6.1	23.18
3222	40.2760	117.2339	-22.3	560	QTB3	0	0	0	0	101	9.0	3401	77	222	319	2.883	0.696	0.241	6.1	23.17
3223	40.2765	117.2339	43.3	539	QTB3	0	0	0	0	97	9.0	3314	89	192	288	2.157	0.667	0.309	6.1	23.17
3224	40.2769	117.2339	111.6	521	QTB3	0	0	0	0	96	8.9	3517	89	259	250	2.910	1.036	0.356	6.0	23.16
3225	40.2774	117.2339	179.4	496	QTB3	0	0	0	0	91	8.9	3448	83	229	291	2.759	0.787	0.285	5.9	23.16
3226	40.2779	117.2339	245.6	491	QTB3	0	0	0	0	99	8.9	3625	129	192	303	1.488	0.634	0.426	5.9	23.15
3227	40.2783	117.2339	302.6	471	QTB3	0	0	0	0	93	8.8	3700	134	201	273	1.500	0.736	0.491	5.9	23.15
3228	40.2788	117.2339	340.4	378	QTB3	0	0	0	0	102	8.6	3486	75	290	272	3.867	1.066	0.276	5.8	23.13
3229	40.2793	117.2339	361.0	298	QTB3	0	0	0	0	95	8.4	3093	94	174	340	1.851	0.512	0.276	5.8	23.12
3230	40.2798	117.2339	359.1	292	QTB3	0	0	0	0	106	8.4	3094	83	280	256	3.373	1.094	0.324	5.8	23.12
3231	40.2802	117.2339	347.1	286	QTB3	0	0	0	0	95	8.4	2921	88	314	204	3.568	1.539	0.431	5.8	23.12
3232	40.2807	117.2339	314.4	289	QTB3	0	0	0	0	102	8.4	2874	82	169	243	2.061	0.695	0.337	5.8	23.10
3233	40.2812	117.2339	248.4	393	QTB3	0	0	0	0	105	8.7	2824	99	227	163	2.293	1.393	0.607	5.8	23.11
3234	40.2817	117.2339	167.7	484	QTB3	0	0	0	0	93	8.8	3030	103	133	291	1.291	0.457	0.354	5.9	23.11
3235	40.2821	117.2339	-32.1	507	QTB3	0	0	0	0	98	8.9	3082	91	106	242	1.165	0.438	0.376	5.8	23.11
3236	40.2826	117.2339	-120.9	593	QTB3	0	0	0	0	97	9.1	2814	71	134	201	1.887	0.667	0.353	5.8	23.11
3237	40.2831	117.2339	-180.9	663	QTB3	0	0	0	0	85	9.2	2837	69	253	99	3.667	2.556	0.697	5.8	23.12
3238	40.2836	117.2339	-211.3	737	QTB3	1	0	0	0	86	9.3	3072	80	171	177	2.137	0.966	0.452	5.8	23.12
3239	40.2840	117.2339	-207.8	766	QTB3	1	0	0	0	105	18.2	3014	107	96	202	0.897	0.475	0.530	5.8	23.13
3240	40.2845	117.2339	-194.0	778	QTB3	1	0	0	0	102	18.3	3086	76	181	95	2.382	1.905	0.800	5.8	23.13
3241	40.2850	117.2339	-166.9	784	QTB3	1	0	0	0	102	18.3	3192	65	168	192	2.585	0.875	0.339	5.8	23.13
3242	40.2854	117.2339	-141.9	754	QTB3	1	0	0	0	105	18.2	3189	60	152	183	2.533	0.83[illegible]	0.328	5.8	23.13
3243	40.2859	117.2339	-128.8	709	QTB3	1	0	0	0	102	18.0	2707	63	123	238	1.952	0.517	0.265	5.8	23.13

REC	L
3892	4(
3893	4(
3894	4(
3895	4(
3896	4(
3897	4(
3898	4(
3899	4(
3900	4(
3901	4(
3902	4(
3903	4(
3904	4(
3905	4(
3906	4(
3907	4(
3908	4(
3909	4(
3910	40
3911	40
3912	40
3913	40
3914	40
3915	40
3916	40
3917	40
3918	40
3919	40
3920	40
3921	40
3922	40
3923	40
3924	40
3925	40
3926	40
3927	40
3928	40
3929	40
3930	40
3931	40
3932	40
3933	40
3934	40
3935	40
3936	40
3937	40
3938	40
3939	40
3940	40
3941	40
3942	40
3943	40
3944	40
3945	40

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3244	40.2864	117.2339	-130.3	653	QTB3	0	0	0	0	94	17.7	2780	92	45	251	0.489	0.179	0.367	5.7	23.14
3245	40.2869	117.2339	-151.1	581	TC2	0	0	0	0	96	17.3	3005	81	104	242	1.284	0.430	0.335	5.7	23.15
3246	40.2873	117.2339	-191.1	496	TC2	0	0	0	0	99	16.8	2865	40	293	107	7.325	2.738	0.374	5.7	23.15
3247	40.2878	117.2339	-238.6	462	TC2	0	0	0	0	105	16.6	2596	71	88	251	1.239	0.351	0.283	5.7	23.16
3248	40.2883	117.2339	-319.2	486	TC2	0	0	0	0	95	16.8	2606	70	189	193	2.700	0.979	0.363	5.7	23.16
3249	40.2888	117.2339	-338.9	526	TC2	0	0	0	0	103	17.0	3205	42	147	295	3.500	0.498	0.142	5.7	23.17
3250	40.2892	117.2339	-349.2	609	TC2	0	0	0	0	90	17.5	2976	68	157	256	2.309	0.613	0.266	5.8	23.18
3251	40.2897	117.2339	-352.7	676	TC2	0	0	0	0	113	17.8	2859	49	217	215	4.429	1.009	0.228	5.7	23.18
3252	40.2902	117.2339	-347.6	741	TC2	1	0	0	0	104	18.1	2802	65	179	190	2.754	0.942	0.342	5.7	23.20
3253	40.2907	117.2339	-336.4	806	TC2	1	0	0	0	94	18.4	3024	69	151	242	2.188	0.624	0.285	5.7	23.21
3254	40.2911	117.2339	-323.1	871	TC2	1	0	0	0	94	18.7	2817	35	104	388	2.971	0.268	0.090	5.7	23.23
3255	40.2916	117.2339	-309.0	879	TC2	1	0	0	0	100	18.7	3143	66	164	280	2.485	0.586	0.236	5.8	23.24
3256	40.2921	117.2339	-294.2	887	TC2	1	0	0	0	100	18.7	3027	41	245	267	5.976	0.918	0.154	5.8	23.26
3257	40.2925	117.2339	-278.5	884	TC2	1	0	0	0	94	18.7	3112	77	166	169	2.156	0.982	0.456	5.8	23.28
3258	40.2930	117.2339	-263.0	884	TC2	1	0	0	0	88	19.6	2621	78	205	165	2.628	1.242	0.473	5.8	23.30
3259	40.2935	117.2339	-244.4	872	TC2	1	0	0	0	101	19.6	2900	76	90	230	1.184	0.391	0.330	5.9	23.31
3260	40.2940	117.2339	-220.0	860	JG	1	0	0	0	100	19.5	2661	70	190	125	2.714	1.520	0.560	5.9	23.33
3261	40.2944	117.2339	-204.0	831	JG	1	0	0	0	85	19.4	2562	40	146	195	3.650	0.749	0.205	6.0	23.35
3262	40.2949	117.2339	-188.3	793	JG	1	0	0	0	89	19.2	2631	61	142	192	2.328	0.740	0.318	6.0	23.37
3263	40.2954	117.2339	-170.8	740	JG	1	0	0	0	83	19.0	2522	64	165	143	2.578	1.154	0.448	5.9	23.39
3264	40.2959	117.2339	-154.2	689	JG	0	0	0	0	88	18.7	2591	64	125	169	1.953	0.740	0.379	5.9	23.40
3265	40.2963	117.2339	-141.1	640	JG	0	0	0	0	82	18.5	2351	90	133	135	1.478	0.985	0.667	5.9	23.40
3266	40.2968	117.2339	-129.3	611	JG	0	0	0	0	102	18.3	[illegible]	42	240	93	5.714	2.581	0.452	6.0	23.41
3267	40.2973	117.2339	-119.7	596	JG	0	0	0	0	98	18.2	2283	46	130	117	2.826	1.111	0.393	6.0	23.42
3268	40.2978	117.2339	-110.5	592	JG	0	0	0	0	82	18.2	2329	63	135	128	2.143	1.055	0.492	6.0	23.42
3269	40.2982	117.2339	-93.4	575	JG	0	0	0	0	102	18.1	2154	54	116	128	2.148	0.906	0.422	6.0	23.43
3270	40.2987	117.2339	-84.5	567	JA	0	0	0	0	88	18.1	2342	70	117	94	1.671	1.245	0.745	6.0	23.44
3271	40.2992	117.2339	-69.2	541	JA	0	0	0	0	93	17.9	2215	35	150	91	4.286	1.648	0.385	6.1	23.43
3272	40.2996	117.2339	-51.3	500	JA	0	0	0	0	92	17.6	1899	39	84	126	2.154	0.667	0.310	6.1	23.43
3273	40.3001	117.2339	-11.6	494	JA	0	0	0	0	86	17.6	1986	62	101	79	1.629	1.278	0.785	6.2	23.43
3274	40.3006	117.2339	8.7	471	JA	0	0	0	0	81	17.5	1807	34	137	108	4.029	1.269	0.315	6.2	23.42
3275	40.3011	117.2339	35.7	410	JA	0	0	0	0	86	17.1	1745	50	98	59	1.960	1.661	0.847	6.2	23.43
3276	40.3015	117.2339	64.1	351	JA	0	0	0	0	95	16.6	1672	52	103	74	1.981	1.392	0.703	6.2	23.43
3277	40.3020	117.233[illegible]	92.0	335	JA	0	0	0	0	87	20.4	1533	45	56	118	1.244	0.475	0.381	6.2	23.43
3278	40.3025	117.2339	115.5	362	JA	0	0	0	0	107	20.6	1684	39	68	124	1.744	0.548	0.315	6.2	23.43
3279	40.3030	117.2339	131.4	414	JA	0	0	0	0	104	21.1	1803	43	70	118	1.628	0.593	0.364	6.3	23.44
3280	40.3034	117.2339	135.8	431	JA	0	0	0	0	88	21.3	1827	42	92	126	2.190	0.730	0.333	6.3	23.45
3281	40.3039	117.2339	127.9	389	JA	0	0	0	0	94	20.9	1645	36	87	114	2.417	0.763	0.316	6.3	23.47
3282	40.3044	117.2339	102.1	380	JA	0	0	0	0	84	20.8	1590	32	106	80	3.313	1.325	0.400	6.3	23.49
3283	40.3049	117.2339	62.4	425	JA	0	0	0	0	86	21.2	1716	49	67	85	1.396	0.788	0.565	6.4	23.50
3284	40.3053	117.2339	6.1	479	JA	0	0	0	0	98	21.7	1862	53	85	74	1.604	1.149	0.716	6.5	23.51
3285	40.3058	117.2339	-59.7	498	JA	0	0	0	0	89	21.9	1850	60	66	87	1.100	0.759	0.690	6.5	23.52
3286	40.3063	117.2339	-184.5	497	JA	0	0	0	0	85	21.9	1972	61	111	62	1.820	1.790	0.984	6.5	23.53
3287	40.3067	117.2339	-226.8	486	JA	0	0	0	0	92	21.8	2102	56	118	54	2.107	2.185	1.037	6.5	23.53
3288	40.3072	117.2339	-258.9	479	JA	0	0	0	0	80	21.7	1857	36	142	67	3.944	2.119	0.537	6.4	23.54
3289	40.3077	117.2339	-278.3	490	JA	0	0	0	0	94	21.8	1964	55	116	33	2.109	3.515	1.667	6.5	23.55
3290	40.3082	117.2339	-296.5	500	JA	0	0	0	0	92	21.9	1858	28	163	40	5.821	4.075	0.700	6.5	23.57
3291	40.3087	117.2339	-307.0	567	JA	0	0	0	0	94	22.4	2049	55	80	72	1.455	1.111	0.764	6.6	23.58
3292	40.3092	117.2339	-330.0	592	JA	0	0	0	0	91	22.6	1922	45	76	63	1.689	1.206	0.714	6.7	23.60
3293	40.3097	117.2339	-350.3	629	JA	0	0	0	0	93	22.9	1942	46	98	72	2.130	1.361	0.639	6.7	23.61
3294	40.3102	117.2339	-362.3	637	JA	0	0	0	0	84	23.0	1839	49	111	40	2.265	2.775	1.225	6.8	23.63
3295	40.3107	117.2339	-366.6	657	JA	0	0	0	0	88	23.1	1750	56	90	60	1.607	1.500	0.933	6.8	23.64
3296	40.3112	117.2339	-361.9	652	JA	0	0	0	0	86	20.0	1742	42	28	104	0.667	0.269	0.404	6.8	23.66
3297	40.3117	117.2339	-354.4	664	JA	0	0	0	0	91	20.1	2055	28	48	104	1.714	0.462	0.269	6.8	23.68

REC	L
3946	40
3947	40
3948	40
3949	40
3950	40
3951	40
3952	40
3953	40
3954	40
3955	40
3956	40
3957	40
3958	40
3959	40
3960	40
3961	40
3962	40
3963	40
3964	40
3965	40
3966	40
3967	40
3968	40
3969	40
3970	40
3971	40
3972	40
3973	40
3974	40
3975	40
3976	40
3977	40
3978	40
3979	40
3980	40
3981	40
3982	40
3983	40
3984	40
3985	40
3986	40
3987	40
3988	40
3989	40
3990	40
3991	40
3992	40
3993	40
3994	40
3995	40
3996	40
3997	40
3998	40
3999	40

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	J	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3298	40.3122	117.2339	-354.2	652	JA	0	0	0	0	96	20.0	1677	30	144	30	4.800	4.800	1.000	6.8	23.70
3299	40.3127	117.2339	-328.7	663	JA	0	0	0	0	85	20.0	2111	52	59	61	1.135	0.967	0.852	6.8	23.71
3300	40.3133	117.2339	-316.5	656	JA	0	0	0	0	87	20.0	1780	27	102	109	3.778	0.936	0.248	6.9	23.72
3301	40.3138	117.2339	-307.3	655	JA	0	0	0	0	88	20.0	1865	36	78	113	2.167	0.690	0.319	6.9	23.72
3302	40.3143	117.2339	-294.2	641	JA	0	0	0	0	89	19.9	1861	36	125	43	3.472	2.907	0.837	6.9	23.73
3303	40.3148	117.2340	-289.5	633	JA	0	0	0	0	86	19.9	1999	22	148	103	6.727	1.437	0.214	6.9	23.74
3304	40.3153	117.2340	-280.3	627	JA	0	0	0	0	82	19.8	2005	61	94	115	1.541	0.817	0.530	7.0	23.76
3305	40.3158	117.2340	-272.5	618	JA	0	0	0	0	87	19.8	2152	41	151	101	3.683	1.495	0.406	7.0	23.77
3306	40.3163	117.2340	-266.5	618	JA	0	0	0	0	93	19.8	2252	43	112	134	2.605	0.836	0.321	7.1	23.78
3307	40.3168	117.2340	-259.6	607	JA	0	0	0	0	90	19.7	2091	24	180	152	7.500	1.184	0.158	7.1	23.80
3308	40.3173	117.2340	-251.5	597	JA	0	0	0	0	89	19.6	2091	49	111	130	2.265	0.854	0.377	7.2	23.80
3309	40.3178	117.2340	-245.3	586	JA	0	0	0	0	92	19.6	2075	65	32	170	0.492	0.188	0.382	7.2	23.80
3310	40.3184	117.2340	-237.8	590	JA	0	0	0	0	85	19.6	2083	45	151	114	3.356	1.325	0.395	7.3	23.81
3311	40.3189	117.2340	-230.6	591	JA	0	0	0	0	87	19.6	2143	39	126	164	3.231	0.768	0.238	7.2	23.81
3312	40.3194	117.2340	-222.6	570	JA	0	0	0	0	98	19.5	2105	34	113	119	3.324	0.950	0.286	7.2	23.81
3313	40.3199	117.2340	-218.9	531	JA	0	0	0	0	88	19.2	2031	55	58	158	1.055	0.367	0.348	7.2	23.82
3314	40.3204	117.2340	-213.7	497	JA	0	0	0	0	86	19.0	1866	33	169	70	5.121	2.414	0.471	7.2	23.83
3315	40.3209	117.2340	-205.3	490	JA	0	0	0	0	87	22.2	1754	37	126	76	3.405	1.658	0.487	7.3	23.83
3316	40.3214	117.2340	-199.4	485	JA	0	0	0	0	97	22.1	1991	31	100	139	3.226	0.719	0.223	7.3	23.84
3317	40.3219	117.2340	-195.9	454	JA	0	0	0	0	86	21.8	1814	43	118	96	2.744	1.229	0.448	7.3	23.84
3318	40.3224	117.2340	-193.9	397	JA	0	0	0	0	84	21.3	1766	26	137	123	5.269	1.114	0.211	7.4	23.84
3319	40.3229	117.2340	-197.6	341	JA	0	0	0	0	89	20.8	1846	39	164	75	4.205	2.187	0.520	7.4	23.84
3320	40.3234	117.2341	-198.1	295	JA	0	0	0	0	89	20.3	1754	36	105	119	2.917	0.882	0.303	7.4	23.84
3321	40.3240	117.2341	-205.4	257	TRCS	0	0	0	0	96	19.9	1699	34	90	128	2.647	0.703	0.266	7.4	23.84
3322	40.3245	117.2341	-209.6	235	TRCS	0	0	0	0	91	19.6	1659	30	100	125	3.333	0.800	0.240	7.3	23.84
3323	40.3250	117.2341	-214.1	261	TRCS	0	0	0	0	83	19.9	1627	39	122	89	3.128	1.371	0.438	7.3	23.85
3324	40.3255	117.2341	-221.7	319	TRCS	0	0	0	0	97	20.5	1584	37	65	117	1.757	0.556	0.316	7.3	23.85
3325	40.3260	117.2341	-225.2	384	TRCS	0	0	0	0	90	21.2	1761	35	149	46	4.257	3.239	0.761	7.3	23.85
3326	40.3265	117.2341	-228.2	424	TRCS	0	0	0	0	84	21.6	1886	34	77	111	2.265	0.694	0.306	7.3	23.85
3327	40.3270	117.2341	-229.2	418	TRCS	0	0	0	0	98	21.5	1900	21	163	93	7.762	1.753	0.226	7.3	23.86
3328	40.3275	117.2341	-234.5	426	TRCS	0	0	0	0	89	21.6	1846	29	90	165	3.103	0.545	0.176	7.3	23.86
3329	40.3280	117.2341	-234.6	408	TRCS	0	0	0	0	90	21.4	1838	41	161	57	3.927	2.825	0.719	7.3	23.87
3330	40.3285	117.2341	-230.6	408	TRCS	0	0	0	0	88	21.4	1821	38	124	113	3.263	1.097	0.336	7.3	23.87
3331	40.3290	117.2341	-229.9	415	TRCS	0	0	0	0	77	21.5	2392	28	129	130	4.607	0.992	0.215	7.3	23.88
3332	40.3296	117.2341	-227.9	448	TRCS	0	0	0	0	97	21.8	2082	51	105	117	2.059	0.897	0.436	7.4	23.88
3333	40.3301	117.2341	-226.7	475	TRCS	0	0	0	0	81	22.0	2151	47	106	174	2.255	0.609	0.270	7.4	23.88
3334	40.3306	117.2341	-226.3	490	TRCS	0	0	0	0	85	19.3	2208	34	137	163	4.029	0.840	0.209	7.3	23.88
3335	40.3311	117.2341	-223.6	489	TRCS	0	0	0	0	97	19.3	2476	46	163	111	3.543	1.468	0.414	7.3	23.88
3336	40.3316	117.2341	-226.4	489	TRCS	0	0	0	0	81	19.3	2435	23	169	194	7.348	0.871	0.119	7.3	23.87
3337	40.3321	117.2342	-226.2	485	TRCS	0	0	0	0	81	19.3	2207	50	123	146	2.460	0.842	0.342	7.4	23.87
3338	40.3326	117.2342	-226.0	481	TRCS	0	0	0	0	85	19.2	2101	41	171	150	4.171	1.140	0.273	7.4	23.86
3339	40.3331	117.2342	-224.6	474	TRCS	0	0	0	0	81	19.2	2026	45	96	139	2.133	0.691	0.324	7.4	23.86
3340	40.3336	117.2342	-226.9	474	TRA	0	0	0	0	88	19.2	2110	42	138	142	3.286	0.972	0.296	7.4	23.86
3341	40.3341	117.2342	-226.5	470	TRA	0	0	0	0	94	19.2	2112	39	140	142	3.590	0.986	0.275	7.4	23.86
3342	40.3347	117.2342	-227.7	477	TRA	0	0	0	0	88	19.2	2161	47	123	153	2.617	0.804	0.307	7.3	23.84
3343	40.3352	117.2342	-227.0	468	TRA	0	0	0	0	84	19.1	1940	31	87	168	2.806	0.518	0.185	7.3	23.84
3344	40.3357	117.2342	-224.1	460	TRA	0	0	0	0	85	19.1	2061	25	131	153	5.240	0.856	0.163	7.3	23.84
3345	40.3362	117.2342	-225.2	447	TRA	0	0	0	0	83	19.0	1845	21	172	97	8.190	1.773	0.216	7.2	23.82
3346	40.3367	117.2342	-226.6	435	TRA	0	0	0	0	94	18.9	1915	40	164	96	4.100	1.708	0.417	7.3	23.82
3347	40.3372	117.2342	-226.5	429	TRA	0	0	0	0	90	18.8	2020	33	93	173	2.818	0.538	0.191	7.3	23.82
3348	40.3377	117.2342	-225.8	425	TRA	0	0	0	0	89	18.8	1991	49	100	182	2.041	0.549	0.269	7.2	23.82
3349	40.3382	117.2342	-222.4	411	TRA	0	0	0	0	90	18.7	2031	13	193	125	14.846	1.544	0.104	7.2	23.81
3350	40.3387	117.2342	-222.5	406	TRA	0	0	0	0	93	18.7	1988	16	143	148	8.938	0.966	0.108	7.2	23.80
3351	40.3392	117.2342	-223.6	401	TRA	0	0	0	0	94	18.6	2020	17	174	132	10.235	1.318	0.129	7.2	23.80

REC	LA
4000	40.
4001	40.
4002	40.
4003	40.
4004	40.
4005	40.
4006	40.
4007	40.
4008	40.
4009	40.
4010	40.
4011	40.
4012	40.
4013	40.
4014	40.
4015	40.
4016	40.
4017	40.
4018	40.
4019	40.
4020	40.
4021	40.
4022	40.
4023	40.
4024	40.
4025	40.
4026	40.
4027	40.
4028	40.
4029	40.
4030	40.
4031	40.
4032	40.
4033	40.
4034	40.
4035	40.
4036	40.
4037	40.
4038	40.
4039	40.
4040	40.
4041	40.
4042	40.
4043	40.
4044	40.
4045	40.
4046	40.
4047	40.
4048	40.
4049	40.
4050	40.
4051	40.
4052	40.
4053	40.

P
.41
.42
.42
.42
.42
.41
.41
.41
.41
.41
.41
.43
.43
.44
.44
.44
.45
.45
.45
.45
.45
.45
.46
.45
.46
.46
.46
.46
.46
.46
.46
.45
.45
.44
.45
.45
.45
.45
.45
.45
.45
.45
.45
.45
.46
.46
.46
.46
.46
.46
.46
.46
.46

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3352	40.3397	117.2342	-223.4	395	TRA	0	0	0	0	90	18.6	1991	39	100	150	2.564	0.667	0.260	7.2	23.79
3353	40.3403	117.2343	-218.0	388	TRA	0	0	0	0	97	22.4	1831	41	66	139	1.610	0.475	0.295	7.2	23.78
3354	40.3408	117.2343	-221.5	388	TRA	0	0	0	0	88	22.4	2010	30	179	105	5.967	1.705	0.286	7.2	23.77
3355	40.3413	117.2343	-222.6	377	TRA	0	0	0	0	101	22.3	1983	46	132	111	2.870	1.189	0.414	7.1	23.76
3356	40.3418	117.2343	-222.8	355	TRA	0	0	0	0	95	22.1	1913	45	107	116	2.378	0.922	0.388	7.0	23.75
3357	40.3423	117.2343	-218.6	327	TRA	0	0	0	0	82	21.8	1759	38	124	103	3.263	1.204	0.369	7.0	23.74
3358	40.3428	117.2343	-216.8	303	TRA	0	0	0	0	87	21.5	1739	39	121	105	3.103	1.152	0.371	7.0	23.73
3359	40.3433	117.2343	-216.0	280	TRA	0	0	0	0	91	21.2	1601	21	137	108	6.524	1.269	0.194	6.9	23.71
3360	40.3438	117.2343	-213.3	280	TRA	0	0	0	0	87	21.2	1646	29	73	123	2.517	0.593	0.236	6.9	23.69
3361	40.3443	117.2343	-214.7	323	TRA	0	0	0	0	92	21.7	1899	25	159	116	6.360	1.371	0.216	6.9	23.69
3362	40.3448	117.2343	-212.2	391	TRA	0	0	0	0	86	22.5	1782	38	105	122	2.763	0.861	0.311	6.9	23.70
3363	40.3453	117.2343	-211.6	468	TRA	0	0	0	0	92	23.2	2033	23	128	96	5.565	1.333	0.240	6.9	23.70
3364	40.3459	117.2343	-216.9	492	TRA	0	0	0	0	101	23.5	2174	42	93	100	2.214	0.930	0.420	6.9	23.70
3365	40.3464	117.2343	-212.4	493	TRA	0	0	0	0	83	23.5	1801	26	100	111	3.846	0.901	0.234	6.9	23.71
3366	40.3469	117.2343	-214.0	494	TRA	0	0	0	0	87	23.5	1824	28	102	132	3.643	0.773	0.212	6.8	23.71
3367	40.3474	117.2343	-211.0	498	TRA	0	0	0	0	88	23.5	1976	18	159	92	8.833	1.728	0.196	6.8	23.72
3368	40.3479	117.2343	-206.3	544	TRA	0	0	0	0	83	23.9	1852	37	94	89	2.541	1.056	0.416	6.8	23.72
3369	40.3484	117.2343	-206.6	549	TRA	0	0	0	0	93	24.0	1963	34	83	101	2.441	0.822	0.337	6.8	23.72
3370	40.3489	117.2344	-202.6	517	TC2	0	0	0	0	94	23.7	2012	32	113	78	3.531	1.449	0.410	6.8	23.71
3371	40.3494	117.2344	-200.8	496	TC2	0	0	0	0	97	23.5	1949	37	63	88	1.703	0.716	0.420	6.8	23.71
3372	40.3499	117.2344	-196.1	494	TC2	0	0	0	0	85	19.8	1772	9	200	44	22.222	4.545	0.205	6.9	23.70
3373	40.3504	117.2344	-195.8	503	TC2	0	0	0	0	89	19.9	1948	15	150	120	10.000	1.250	0.125	6.9	23.69
3374	40.3510	117.2344	-193.8	514	TC2	0	0	0	0	84	20.0	2004	29	213	42	7.345	5.071	0.690	6.9	23.70
3375	40.3515	117.2344	-188.6	537	TC2	0	0	0	0	94	20.1	1911	53	75	124	1.415	0.605	0.427	6.9	23.70
3376	40.3520	117.2344	-189.4	568	TC2	0	0	0	0	92	20.4	2559	49	129	115	2.633	1.122	0.426	6.9	23.71
3377	40.3525	117.2344	-181.8	581	TC2	0	0	0	0	82	20.4	2270	43	97	164	2.256	0.591	0.262	6.8	23.72
3378	40.3530	117.2344	-180.0	563	TC2	0	0	0	0	93	20.3	2372	34	198	139	5.824	1.424	0.245	6.8	23.73
3379	40.3535	117.2344	-171.1	551	TC2	0	0	0	0	82	20.2	2778	46	181	143	3.935	1.266	0.322	6.8	23.74
3380	40.3540	117.2344	-168.9	542	TC2	0	0	0	0	90	20.2	2749	85	102	246	1.200	0.415	0.346	6.7	23.75
3381	40.3545	117.2344	-168.8	565	TC2	0	0	0	0	92	20.3	3054	71	227	212	3.197	1.071	0.335	6.7	23.75
3382	40.3550	117.2344	-175.7	546	TC2	0	0	0	0	95	20.2	3438	86	197	225	2.291	0.876	0.382	6.7	23.75
3383	40.3555	117.2344	-187.9	495	TC2	0	0	0	0	88	19.8	3008	64	230	246	3.594	0.935	0.260	6.7	23.75
3384	40.3560	117.2344	-191.0	458	TC2	0	0	0	0	92	19.5	3120	102	119	281	1.167	0.423	0.363	6.7	23.76
3385	40.3566	117.2344	-191.6	476	TC2	0	0	0	0	97	19.7	3228	87	181	264	2.080	0.686	0.330	6.7	23.76
3386	40.3571	117.2344	-180.8	493	TC2	0	0	0	0	86	19.8	3431	97	271	269	2.794	1.007	0.361	6.6	23.77
3387	40.3576	117.2345	-188.6	491	TC2	0	0	0	0	97	19.8	3260	87	141	340	1.621	0.415	0.256	6.6	23.77
3388	40.3581	117.2345	-206.1	493	TC2	0	0	0	0	93	19.8	3340	98	220	319	2.245	0.690	0.307	6.5	23.77
3389	40.3586	117.2345	-234.6	497	TC2	0	0	0	0	83	19.8	3558	106	182	372	1.717	0.489	0.285	6.5	23.78
3390	40.3591	117.2345	-295.4	495	TC2	0	0	0	0	101	19.8	3398	92	216	286	2.348	0.755	0.322	6.5	23.78
3391	40.3596	117.2345	-325.2	494	TC2	0	0	0	0	90	21.4	3459	103	95	344	0.922	0.276	0.299	6.4	23.78
3392	40.3601	117.2345	-364.0	493	TC2	0	0	0	0	91	21.4	3364	95	128	365	1.347	0.351	0.260	6.4	23.78
3393	40.3606	117.2345	-404.3	490	TC2	0	0	0	0	94	21.3	3487	88	180	331	2.045	0.544	0.266	6.4	23.79
3394	40.3611	117.2345	-450.1	448	TC2	0	0	0	0	84	21.0	3206	104	85	351	0.817	0.242	0.296	6.4	23.79
3395	40.3616	117.2345	-479.7	382	TC2	0	0	0	0	81	20.4	3191	84	150	319	1.786	0.470	0.263	6.4	23.79
3396	40.3622	117.2345	-492.6	366	TC2	0	0	0	0	90	20.2	3179	60	233	300	3.883	0.777	0.200	6.5	23.79
3397	40.3627	117.2345	-484.0	354	TC2	0	0	0	0	83	20.1	3039	66	152	316	2.303	0.481	0.209	6.5	23.80
3398	40.3632	117.2345	-457.4	340	TC2	0	0	0	0	91	20.0	2976	129	64	249	0.496	0.257	0.518	6.5	23.80
3399	40.3637	117.2345	-404.7	338	TC2	0	0	0	0	78	20.0	2866	68	218	244	3.206	0.893	0.279	6.5	23.80
3400	40.3642	117.2345	-349.1	351	TC2	0	0	0	0	95	20.1	2749	79	163	295	2.063	0.553	0.268	6.4	23.80
3401	40.3647	117.2345	-300.9	371	TC2	0	0	0	0	81	20.3	3099	79	164	313	2.076	0.524	0.252	6.4	23.81
3402	40.3652	117.2345	-261.8	394	TC2	0	0	0	0	96	20.5	3061	93	163	313	1.753	0.521	0.297	6.4	23.81
3403	40.3657	117.2346	-275.1	417	TC2	0	0	0	0	89	20.7	3347	84	268	248	3.190	1.081	0.339	6.4	23.81
3404	40.3662	117.2346	-313.8	432	TC2	0	0	0	0	96	20.8	3438	93	172	294	1.849	0.585	0.316	6.4	23.81
3405	40.3667	117.2346	-356.5	438	TC2	0	0	0	0	98	20.9	3200	90	195	256	2.167	0.762	0.352	6.4	23.81

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3406	40.3673	117.2346	-397.9	428	TC2	0	0	0	0	91	20.8	3148	95	160	298	1.684	0.537	0.319	6.4	23.81
3407	40.3678	117.2346	-431.8	413	TC2	0	0	0	0	87	20.7	3047	92	208	276	2.261	0.754	0.333	6.5	23.82
3408	40.3683	117.2346	-444.6	407	TC2	0	0	0	0	85	20.6	2996	79	141	299	1.785	0.472	0.264	6.5	23.82
3409	40.3688	117.2346	-442.0	395	TC2	0	0	0	0	89	20.5	3037	73	175	337	2.397	0.519	0.217	6.4	23.82
3410	40.3693	117.2346	-421.5	394	TC2	0	0	0	0	90	18.3	3073	91	99	315	1.088	0.314	0.289	6.4	23.83
3411	40.3698	117.2346	-400.3	396	TC2	0	0	0	0	94	18.3	3086	80	146	311	1.825	0.469	0.257	6.4	23.84
3412	40.3703	117.2346	-381.3	402	TC2	0	0	0	0	87	18.4	3009	93	131	291	1.409	0.450	0.320	6.4	23.84
3413	40.3708	117.2346	-364.8	405	TC2	0	0	0	0	84	18.4	2962	65	204	280	3.138	0.729	0.232	6.3	23.84
3414	40.3713	117.2346	-344.1	430	TC2	0	0	0	0	91	18.6	3182	102	184	277	1.804	0.664	0.368	6.4	23.84
3415	40.3718	117.2346	-289.9	452	TC2	0	0	0	0	89	18.8	3090	89	180	242	2.022	0.744	0.368	6.4	23.85
3416	40.3723	117.2346	-256.7	481	TC2	0	0	0	0	88	19.0	3210	79	172	314	2.177	0.548	0.252	6.3	23.85
3417	40.3729	117.2346	-228.4	494	TC2	0	0	0	0	86	19.1	3015	108	94	317	0.870	0.297	0.341	6.4	23.85
3418	40.3734	117.2346	-207.2	523	TC2	0	0	0	0	100	19.3	3350	83	168	241	2.024	0.697	0.344	6.4	23.85
3419	40.3739	117.2346	-192.0	543	TC2	0	0	0	0	93	19.4	3332	89	124	303	1.393	0.409	0.294	6.4	23.85
3420	40.3744	117.2347	-179.5	550	TC2	0	0	0	0	88	19.4	3248	91	171	193	1.879	0.886	0.472	6.4	23.85
3421	40.3749	117.2347	-158.0	559	TC2	0	0	0	0	96	19.5	2992	60	170	259	2.833	0.656	0.232	6.3	23.84
3422	40.3754	117.2347	-146.1	572	TC2	0	0	0	0	80	19.6	2886	47	198	297	4.213	0.667	0.158	6.4	23.84
3423	40.3759	117.2347	-126.9	573	TC2	0	0	0	0	102	19.6	2867	64	147	295	2.297	0.498	0.217	6.3	23.85
3424	40.3764	117.2347	-110.2	573	TC2	0	0	0	0	90	19.6	2992	69	228	218	3.304	1.046	0.317	6.3	23.85
3425	40.3769	117.2347	-86.8	566	TC2	0	0	0	0	89	19.6	2829	68	230	212	3.382	1.085	0.321	6.3	23.86
3426	40.3774	117.2347	-64.6	589	TC2	0	0	0	0	86	19.7	2947	69	217	256	3.145	0.848	0.270	6.3	23.86
3427	40.3779	117.2347	-47.1	562	TC2	0	0	0	0	95	19.5	2892	65	143	300	2.200	0.477	0.217	6.3	23.87
3428	40.3785	117.2347	-27.7	522	TC2	0	0	0	0	91	19.3	3194	63	238	235	3.778	1.013	0.268	6.4	23.88
3429	40.3790	117.2347	-10.2	500	TC2	0	0	0	0	92	24.4	2752	79	203	173	2.570	1.173	0.457	6.4	23.88
3430	40.3795	117.2347	-0.4	499	TC2	0	0	0	0	91	24.3	2864	74	154	254	2.081	0.606	0.291	6.4	23.88
3431	40.3800	117.2347	11.6	505	TC2	0	0	0	0	87	24.4	2802	97	105	239	1.082	0.439	0.406	6.4	23.89
3432	40.3805	117.2347	19.8	512	TC2	0	0	0	0	85	24.5	3019	88	146	303	1.659	0.482	0.290	6.4	23.90
3433	40.3810	117.2347	28.5	504	TC2	0	0	0	0	83	24.4	3048	84	163	235	1.940	0.694	0.357	6.3	23.90
3434	40.3815	117.2347	41.9	500	TC2	0	0	0	0	94	24.4	2854	60	205	204	3.417	1.005	0.294	6.4	23.91
3435	40.3820	117.2347	54.7	505	TC2	0	0	0	0	97	24.4	3087	83	206	229	2.482	0.900	0.362	6.3	23.92
3436	40.3825	117.2347	63.6	498	TC2	0	0	0	0	87	24.3	3086	87	183	250	2.103	0.732	0.348	6.3	23.93
3437	40.3830	117.2348	78.8	496	TC2	0	0	0	0	84	24.3	3271	71	283	265	3.986	1.068	0.268	6.3	23.95
3438	40.3836	117.2348	87.8	495	TC2	0	0	0	0	84	24.3	3190	85	261	241	3.071	1.083	0.353	6.4	23.96
3439	40.3841	117.2348	97.3	494	TC2	0	0	0	0	90	24.3	3447	74	234	323	3.162	0.724	0.229	6.4	23.97
3440	40.3846	117.2348	94.2	490	TC2	0	0	0	0	77	24.3	3374	108	223	321	2.065	0.695	0.336	6.5	23.98
3441	40.3851	117.2348	75.1	487	TC2	0	0	0	0	94	24.2	3704	102	147	316	1.441	0.465	0.323	6.6	23.99
3442	40.3856	117.2348	67.8	478	TC2	0	0	0	0	85	24.1	3438	91	253	310	2.780	0.816	0.294	6.6	24.00
3443	40.3861	117.2348	62.6	463	TC2	0	0	0	0	82	24.0	3439	104	214	338	2.058	0.633	0.308	6.6	24.01
3444	40.3866	117.2348	58.7	440	TC2	0	0	0	0	95	23.8	3468	87	262	302	3.011	0.868	0.288	6.7	24.02
3445	40.3871	117.2348	48.8	424	TC2	0	0	0	0	86	23.6	3163	101	303	224	3.000	1.353	0.451	6.7	24.02
3446	40.3876	117.2348	36.0	402	TC2	0	0	0	0	81	23.3	3265	129	175	252	1.357	0.694	0.512	6.7	24.03
3447	40.3881	117.2348	20.6	380	TC2	0	0	0	0	100	23.1	3201	91	224	249	2.462	0.900	0.365	6.7	24.04
3448	40.3886	117.2348	-3.9	357	TC2	0	0	0	0	92	26.1	2904	104	181	218	1.740	0.830	0.477	6.8	24.04
3449	40.3892	117.2348	-34.8	341	TC2	0	0	0	0	80	25.9	2712	55	274	191	4.982	1.435	0.288	6.9	24.04
3450	40.3897	117.2348	-71.5	351	TC2	0	0	0	0	87	26.0	2817	75	219	221	2.920	0.991	0.339	6.9	24.04
3451	40.3902	117.2348	-106.0	383	TC2	0	0	0	0	87	26.5	2773	70	238	218	3.400	1.092	0.321	6.9	24.04
3452	40.3907	117.2348	-122.6	401	TC2	0	0	0	0	89	26.7	3131	58	249	259	4.293	0.961	0.224	6.9	24.03
3453	40.3912	117.2349	-134.0	418	TC2	0	0	0	0	83	26.9	3136	95	146	295	1.537	0.495	0.322	6.9	24.03
3454	40.3917	117.2349	-158.3	412	TC2	0	0	0	0	80	26.8	3180	74	165	305	2.230	0.541	0.243	6.9	24.03
3455	40.3922	117.2349	-178.4	410	TC2	0	0	0	0	76	26.8	2971	80	163	290	2.037	0.562	0.276	6.9	24.04
3456	40.3927	117.2349	-209.0	394	TC2	0	0	0	0	78	26.6	3072	90	205	248	2.278	0.827	0.363	6.9	24.05
3457	40.3932	117.2349	-234.5	402	TC2	0	0	0	0	86	26.7	3208	88	131	279	1.489	0.470	0.315	6.9	24.05
3458	40.3937	117.2349	-256.7	413	TC2	0	0	0	0	88	26.8	3319	76	209	272	2.750	0.768	0.279	6.9	24.05
3459	40.3942	117.2349	-266.0	415	TC2	0	0	0	0	77	26.9	3041	49	272	263	5.551	1.034	0.186	6.9	24.06

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3460	40.3948	117.2349	-272.6	407	TC2	0	0	0	0	69	26.8	2909	53	167	277	3.151	0.603	0.191	6.9	24.06
3461	40.3953	117.2349	-283.7	418	TC2	0	0	0	0	78	26.9	2969	89	148	328	1.663	0.451	0.271	6.9	24.06
3462	40.3958	117.2349	-298.1	413	TC2	0	0	0	0	86	26.8	3145	57	223	273	3.912	0.817	0.209	7.0	24.06
3463	40.3963	117.2349	-312.9	405	TC2	0	0	0	0	79	26.7	3051	73	257	272	3.521	0.945	0.268	6.9	24.06
3464	40.3968	117.2349	-338.1	413	TC2	0	0	0	0	84	26.8	3171	110	114	309	1.036	0.369	0.356	6.9	24.06
3465	40.3973	117.2349	-384.6	385	TC2	0	0	0	0	90	26.5	3244	77	181	342	2.351	0.529	0.225	6.9	24.06
3466	40.3978	117.2349	-408.0	373	TC2	0	0	0	0	81	26.3	3023	99	142	262	1.434	0.542	0.378	7.0	24.06
3467	40.3983	117.2349	-356.8	400	TC2	0	0	0	0	76	19.2	3310	71	213	342	3.000	0.623	0.208	7.0	24.05
3468	40.3988	117.2349	-340.2	413	TC2	0	0	0	0	83	19.3	3381	91	193	334	2.121	0.578	0.272	7.0	24.04
3469	40.3993	117.2349	-328.8	405	TC2	0	0	0	0	93	19.2	3189	107	230	269	2.150	0.855	0.398	7.0	24.04
3470	40.3999	117.2350	-311.4	396	TC2	0	0	0	0	85	19.1	3277	95	142	341	1.495	0.416	0.279	7.0	24.04
3471	40.4004	117.2350	-302.9	369	TC2	0	0	0	0	83	18.9	3273	97	181	315	1.866	0.575	0.308	7.0	24.04
3472	40.4009	117.2350	-306.7	338	TC2	0	0	0	0	86	18.6	3081	112	177	290	1.580	0.610	0.386	7.0	24.04
3473	40.4014	117.2350	-307.3	332	TC2	0	0	0	0	84	18.6	3042	90	181	263	2.011	0.688	0.342	6.9	24.03
3474	40.4019	117.2350	-313.6	332	TC2	0	0	0	0	81	18.6	2959	65	212	349	3.262	0.607	0.186	6.9	24.02
3475	40.4024	117.2350	-320.6	332	TC2	0	0	0	0	80	18.6	2859	73	219	295	3.000	0.742	0.247	6.9	24.02
3476	40.4029	117.2350	-326.1	332	TC2	0	0	0	0	81	18.6	2957	89	182	262	2.045	0.695	0.340	7.0	24.01
3477	40.4034	117.2350	-324.6	333	TC2	0	0	0	0	84	18.6	3044	106	213	282	2.009	0.755	0.376	6.9	24.00
3478	40.4039	117.2350	-324.7	324	TC2	0	0	0	0	88	18.5	2998	79	286	254	3.620	1.126	0.311	7.0	24.00
3479	40.4044	117.2350	-325.9	314	TC2	0	0	0	0	85	18.4	3047	96	181	285	1.885	0.635	0.337	7.0	24.00
3480	40.4049	117.2350	-360.6	310	TC2	0	0	0	0	79	18.4	2891	82	120	338	1.463	0.355	0.243	7.0	23.99
3481	40.4055	117.2350	-385.3	298	TC2	0	0	0	0	86	18.3	2982	86	212	290	2.465	0.731	0.297	7.0	23.99
3482	40.4060	117.2350	-397.9	281	TC2	0	0	0	0	88	18.1	2923	80	239	270	2.988	0.885	0.296	7.0	23.98
3483	40.4065	117.2350	-397.4	265	TC2	0	0	0	0	87	18.0	3075	87	162	254	1.862	0.638	0.343	7.0	23.98
3484	40.4070	117.2350	-392.5	250	TC2	0	0	0	0	91	17.8	2874	89	81	320	0.910	0.253	0.278	7.1	23.97
3485	40.4075	117.2350	-389.5	229	TC2	0	0	0	0	91	17.6	2611	74	183	286	2.473	0.640	0.259	7.1	23.96
3486	40.4080	117.2350	-389.2	206	TC2	0	0	0	0	86	6.8	2377	57	158	261	2.772	0.605	0.218	7.2	23.95
3487	40.4085	117.2351	-337.5	195	TC2	0	0	0	0	86	6.8	2513	55	191	256	3.473	0.746	0.215	7.2	23.95
3488	40.4090	117.2351	-340.2	208	TC2	0	0	0	0	95	6.8	2690	65	190	278	2.923	0.683	0.234	7.2	23.94
3489	40.4095	117.2351	-269.9	223	TC2	0	0	0	0	97	6.8	2923	86	102	354	1.186	0.288	0.243	7.2	23.93
3490	40.4100	117.2351	-156.0	236	PIPH3	0	0	0	0	89	6.9	3026	77	200	292	2.597	0.685	0.264	7.2	23.92
3491	40.4105	117.2351	18.0	248	PIPH3	0	0	0	0	82	6.9	2824	73	228	260	3.123	0.877	0.281	7.1	23.91
3492	40.4111	117.2351	188.8	282	PIPH3	0	0	0	0	86	6.9	2614	69	196	255	2.841	0.769	0.271	7.1	23.91
3493	40.4116	117.2351	171.8	291	PIPH3	0	0	0	0	84	6.9	2280	56	160	205	2.857	0.780	0.273	7.0	23.90
3494	40.4121	117.2351	109.0	289	PIPH3	0	0	0	0	82	6.9	2052	50	159	143	3.180	1.112	0.350	7.0	23.89
3495	40.4126	117.2351	61.3	266	PIPH3	0	0	0	0	78	6.9	1832	39	189	118	4.846	1.602	0.331	6.9	23.89
3496	40.4131	117.2351	29.3	235	PIPH3	0	0	0	0	86	6.9	1745	39	168	86	4.308	1.953	0.453	6.9	23.89
3497	40.4136	117.2350	2.5	239	PIPH3	0	0	0	0	84	6.9	1567	26	104	139	4.000	0.748	0.187	6.9	23.87
3498	40.4140	117.2349	-11.9	284	PIPH3	0	0	0	0	93	6.9	1577	23	110	116	4.783	0.948	0.198	6.9	23.84
3499	40.4145	117.2349	-26.1	348	PIPH3	0	0	0	0	80	7.0	1567	27	95	133	3.958	0.714	0.180	6.8	23.86
3500	40.4150	117.2348	-34.1	415	PIPH3	0	0	0	0	81	7.1	1694	20	151	104	7.550	1.452	0.192	6.8	23.87
3501	40.4155	117.2347	-47.2	462	PIPH3	0	0	0	0	91	7.2	1738	17	132	138	7.765	0.957	0.123	6.9	23.87
3502	40.4160	117.2346	-51.3	488	PIPH3	0	0	0	0	83	7.2	1923	27	104	155	3.852	0.671	0.174	6.9	23.88
3503	40.4164	117.2345	-56.3	497	PIPH3	0	0	0	0	92	7.2	1801	34	144	78	4.235	1.846	0.436	6.9	23.88
3504	40.4169	117.2344	-64.7	514	PIPH3	0	0	0	0	87	7.2	1777	38	146	81	3.842	1.802	0.469	7.0	23.89
3505	40.4174	117.2343	-65.9	522	PIPH3	0	0	0	0	90	6.5	1939	31	145	107	4.677	1.355	0.290	7.0	23.90
3506	40.4179	117.2342	-73.5	505	PIPH3	0	0	0	0	99	6.4	1862	30	146	117	4.867	1.248	0.256	7.0	23.91
3507	40.4183	117.2342	-77.0	512	PIPH3	0	0	0	0	85	6.5	1807	54	64	135	1.185	0.474	0.400	7.0	23.93
3508	40.4188	117.2341	-82.6	506	PIPH3	0	0	0	0	91	6.4	1652	34	65	107	1.912	0.607	0.318	7.0	23.94
3509	40.4193	117.2340	-83.2	494	PIPH3	0	0	0	0	88	6.4	1747	14	135	118	9.643	1.144	0.119	7.0	23.94
3510	40.4198	117.2339	-84.8	483	PIPH3	0	0	0	0	96	6.4	1684	37	100	101	2.703	0.990	0.366	7.0	23.95
3511	40.4203	117.2338	-85.6	484	PIPH3	0	0	0	0	85	6.4	1739	24	119	121	4.958	0.983	0.198	7.0	23.96
3512	40.4207	117.2337	-92.8	492	PIPH3	0	0	0	0	75	6.4	1839	32	166	77	5.188	2.156	0.416	7.0	23.96
3513	40.4212	117.2336	-91.4	491	PIPH3	0	0	0	0	88	6.4	1773	35	105	134	3.000	0.784	0.261	7.0	23.97

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3514	40.4217	117.2336	-91.9	466	PIPH3	0	0	0	0	86	6.4	1846	39	84	168	2.154	0.500	0.232	7.0	23.98
3515	40.4222	117.2335	-92.1	415	PIPH3	0	0	0	0	89	6.4	1807	37	126	136	3.405	0.926	0.272	7.1	23.99
3516	40.4226	117.2334	-91.7	376	PIPH3	0	0	0	0	87	6.3	1972	23	198	128	8.609	1.547	0.180	7.1	24.00
3517	40.4231	117.2333	-94.5	339	PIPH3	0	0	0	0	92	6.3	1792	27	131	137	4.852	0.956	0.197	7.0	24.01
3518	40.4236	117.2332	-92.5	316	PIPH3	0	0	0	0	92	6.3	1839	32	136	140	4.250	0.971	0.229	7.0	24.02
3519	40.4241	117.2331	-95.3	341	PIPH3	0	0	0	0	86	6.3	1766	24	127	147	5.292	0.864	0.163	7.1	24.03
3520	40.4246	117.2330	-93.4	366	PIPH3	0	0	0	0	83	6.3	1831	56	51	160	0.911	0.319	0.350	7.0	24.04
3521	40.4250	117.2330	-90.4	422	PIPH3	0	0	0	0	87	6.4	1969	42	116	167	2.762	0.695	0.251	7.1	24.05
3522	40.4255	117.2329	-91.8	472	PIPH3	0	0	0	0	85	6.4	1955	43	112	166	2.605	0.675	0.259	7.1	24.07
3523	40.4260	117.2328	-93.7	489	PIPH3	0	0	0	0	74	6.4	2227	33	120	155	3.636	0.774	0.213	7.1	24.08
3524	40.4265	117.2327	-89.0	491	PIPH3	0	0	0	0	78	15.4	2062	33	157	103	4.758	1.524	0.320	7.1	24.10
3525	40.4269	117.2326	-84.2	495	PIPH3	0	0	0	0	80	15.4	1849	32	47	200	1.469	0.235	0.160	7.2	24.11
3526	40.4274	117.2325	-88.2	495	PIPH3	0	0	0	0	73	15.4	1962	41	79	178	1.927	0.444	0.230	7.2	24.13
3527	40.4279	117.2324	-85.3	494	PIPH3	0	0	0	0	82	15.4	2018	43	122	141	2.837	0.865	0.305	7.2	24.16
3528	40.4284	117.2324	-80.1	493	PIPH3	0	0	0	0	94	15.4	1856	32	100	144	3.125	0.694	0.222	7.2	24.17
3529	40.4289	117.2323	-69.8	498	PIPH3	0	0	0	0	81	15.4	2047	41	118	164	2.878	0.720	0.250	7.3	24.20
3530	40.4293	117.2322	-66.6	499	PIPH3	0	0	0	0	77	15.4	1966	34	139	132	4.088	1.053	0.258	7.3	24.21
3531	40.4298	117.2321	-59.8	506	PIPH3	0	0	0	0	82	15.5	1993	29	138	159	4.759	0.868	0.182	7.3	24.22
3532	40.4303	117.2320	-38.6	502	PIPH3	0	0	0	0	90	15.5	2055	31	174	107	5.613	1.626	0.290	7.3	24.24
3533	40.4308	117.2319	-18.8	518	PIPH3	0	0	0	0	82	15.5	2055	37	95	156	2.568	0.609	0.237	7.3	24.26
3534	40.4312	117.2318	-5.0	526	PIPH3	0	0	0	0	72	15.6	2048	55	80	140	1.455	0.571	0.393	7.4	24.28
3535	40.4317	117.2318	9.8	533	PIPH3	0	0	0	0	76	15.6	2198	49	87	200	1.776	0.435	0.245	7.3	24.29
3536	40.4322	117.2317	23.3	504	PIPH3	0	0	0	0	86	15.5	1939	27	131	149	4.852	0.879	0.181	7.3	24.31
3537	40.4327	117.2316	27.0	497	PIPH3	0	0	0	0	79	15.4	2124	41	89	158	2.171	0.563	0.259	7.4	24.33
3538	40.4332	117.2315	27.2	500	PIPH3	0	0	0	0	89	15.5	1989	32	103	138	3.219	0.746	0.232	7.4	24.35
3539	40.4336	117.2314	52.0	514	PIPH3	0	0	0	0	83	15.5	2016	34	149	152	4.382	0.980	0.224	7.5	24.37
3540	40.4341	117.2313	85.7	504	QF	0	0	0	0	81	15.5	2071	52	137	134	2.635	1.022	0.388	7.5	24.39
3541	40.4346	117.2312	119.6	500	QF	0	0	0	0	92	15.5	2058	48	92	209	1.917	0.440	0.230	7.5	24.41
3542	40.4351	117.2312	136.8	498	QF	0	0	0	0	82	15.4	2146	64	85	177	1.328	0.480	0.362	7.5	24.42
3543	40.4355	117.2311	140.8	498	QF	0	0	0	0	82	28.1	2416	22	232	165	10.545	1.406	0.133	7.6	24.43
3544	40.4360	117.2310	132.0	498	QF	0	0	0	0	89	28.1	2138	59	103	159	1.746	0.648	0.371	7.7	24.44
3545	40.4366	117.2310	113.2	496	QF	0	0	0	0	86	28.0	2327	46	119	226	2.587	0.527	0.204	7.8	24.45
3546	40.4371	117.2310	101.2	496	QF	0	0	0	0	80	28.0	2440	50	83	234	1.660	0.355	0.214	7.8	24.46
3547	40.4376	117.2310	84.9	495	QF	0	0	0	0	85	28.0	2390	39	114	246	2.923	0.463	0.159	7.8	24.47
3548	40.4381	117.2310	67.3	493	QF	0	0	0	0	76	28.0	2485	41	129	218	3.146	0.592	0.188	7.8	24.48
3549	40.4387	117.2311	40.5	490	QF	0	0	0	0	75	28.0	2597	45	48	296	1.067	0.162	0.152	7.8	24.50
3550	40.4392	117.2311	11.7	489	QF	0	0	0	0	87	28.0	2527	44	136	252	3.091	0.540	0.175	7.9	24.51
3551	40.4397	117.2311	-20.1	487	QF	0	0	0	0	76	27.9	2566	51	146	235	2.863	0.621	0.217	7.8	24.53
3552	40.4403	117.2311	-44.9	479	QF	0	0	0	0	88	27.8	2536	64	71	261	1.109	0.272	0.245	7.9	24.54
3553	40.4408	117.2311	-66.1	459	QA1	0	0	0	0	73	27.6	2565	44	71	305	1.614	0.233	0.144	7.9	24.56
3554	40.4413	117.2311	-89.3	439	QA1	0	0	0	0	80	27.4	2540	45	143	260	3.178	0.550	0.173	7.9	24.58
3555	40.4419	117.2311	-109.6	419	QA1	0	0	0	0	66	27.1	2696	63	187	266	2.968	0.703	0.237	8.0	24.59
3556	40.4424	117.2312	-129.2	405	QA1	0	0	0	0	72	26.9	2767	56	196	246	3.500	0.797	0.228	8.0	24.61
3557	40.4429	117.2312	-144.6	389	QA1	0	0	0	0	78	26.7	2707	49	162	252	3.306	0.643	0.194	8.1	24.62
3558	40.4434	117.2312	-154.5	374	QA1	0	0	0	0	83	26.5	2618	54	199	279	3.685	0.713	0.194	8.1	24.63
3559	40.4440	117.2312	-151.2	358	QA1	0	0	0	0	79	26.3	2644	71	149	250	2.099	0.596	0.284	8.2	24.64
3560	40.4445	117.2312	-144.3	345	QA1	0	0	0	0	74	26.1	2719	55	199	243	3.618	0.819	0.226	8.2	24.66
3561	40.4450	117.2312	-139.0	331	QA1	0	0	0	0	84	25.9	2772	41	222	292	5.415	0.760	0.140	8.3	24.66
3562	40.4456	117.2313	-133.1	322	QA1	0	0	0	0	73	29.5	2672	69	140	296	2.029	0.473	0.233	8.3	24.67
3563	40.4461	117.2313	-128.4	315	QA1	0	0	0	0	84	29.4	2572	46	198	265	4.304	0.747	0.174	8.3	24.68
3564	40.4466	117.2313	-126.0	310	QA1	0	0	0	0	77	29.3	2705	53	167	260	3.151	0.642	0.204	8.4	24.69
3565	40.4471	117.2313	-122.2	298	QA1	0	0	0	0	82	29.1	2503	53	181	275	3.415	0.658	0.193	8.5	24.70
3566	40.4477	117.2313	-118.7	293	QA1	0	0	0	0	90	29.0	2532	46	164	211	3.565	0.777	0.218	8.5	24.70
3567	40.4482	117.2313	-120.3	286	QA1	0	0	0	0	73	28.9	2558	47	198	240	4.213	0.825	0.196	8.5	24.71

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3568	40.4487	117.2313	-118.9	284	QA1	0	0	0	0	75	28.8	2563	49	239	209	4.878	1.144	0.234	8.5	24.71
3569	40.4493	117.2314	-119.2	279	QA1	0	0	0	0	77	28.8	2688	40	257	296	6.425	0.868	0.135	8.6	24.72
3570	40.4498	117.2314	-121.2	280	QA1	0	0	0	0	73	28.8	2409	51	262	197	5.137	1.330	0.259	8.6	24.72
3571	40.4503	117.2314	-123.6	273	QA1	0	0	0	0	81	28.7	2707	67	144	281	2.149	0.512	0.238	8.7	24.72
3572	40.4509	117.2314	-123.4	271	QA1	0	0	0	0	74	28.6	2590	61	199	244	3.262	0.816	0.250	8.7	24.73
3573	40.4514	117.2314	-122.5	265	QA1	0	0	0	0	82	28.5	2564	55	188	269	3.418	0.699	0.204	8.7	24.73
3574	40.4519	117.2314	-127.5	264	QA1	0	0	0	0	71	28.5	2713	57	201	234	3.526	0.859	0.244	8.7	24.73
3575	40.4524	117.2315	-127.3	260	QA1	0	0	0	0	83	28.4	2544	52	207	246	3.981	0.841	0.211	8.8	24.74
3576	40.4530	117.2315	-131.8	262	QA1	0	0	0	0	72	28.5	2767	73	165	268	2.260	0.616	0.272	8.9	24.74
3577	40.4535	117.2315	-129.9	260	QA1	0	0	0	0	75	28.4	2611	47	213	260	4.532	0.819	0.181	8.9	24.74
3578	40.4540	117.2315	-133.0	257	QA1	0	0	0	0	81	28.4	2724	54	233	240	4.315	0.971	0.225	8.9	24.74
3579	40.4546	117.2315	-136.5	258	QA1	0	0	0	0	79	28.4	2597	51	197	268	3.863	0.735	0.190	9.0	24.73
3580	40.4551	117.2315	-141.7	263	QA1	0	0	0	0	79	28.5	2702	41	266	226	6.488	1.177	0.181	9.0	24.74
3581	40.4556	117.2315	-145.8	265	QA1	0	0	0	0	74	31.3	2676	56	234	226	4.179	1.035	0.248	9.0	24.73
3582	40.4561	117.2316	-155.3	268	QA1	0	0	0	0	74	31.4	2603	74	200	212	2.703	0.943	0.349	9.0	24.73
3583	40.4567	117.2316	-161.0	274	QA1	0	0	0	0	78	31.5	2871	68	197	229	2.897	0.860	0.297	9.0	24.73
3584	40.4572	117.2316	-171.3	276	QA1	0	0	0	0	80	31.6	2722	69	175	253	2.536	0.692	0.273	9.0	24.72
3585	40.4577	117.2316	-175.1	272	QA1	0	0	0	0	78	31.5	2563	56	171	254	3.054	0.673	0.220	9.0	24.72
3586	40.4583	117.2316	-180.2	271	QA1	0	0	0	0	80	31.5	2630	65	165	223	2.538	0.740	0.291	9.0	24.72
3587	40.4588	117.2316	-186.4	274	QA1	0	0	0	0	76	31.5	2650	52	287	207	5.519	1.386	0.251	9.0	24.73
3588	40.4593	117.2317	-189.7	274	QA1	0	0	0	0	83	31.5	2731	60	177	249	2.950	0.711	0.241	9.0	24.73
3589	40.4599	117.2317	-192.9	277	QA1	0	0	0	0	69	31.6	2553	47	180	243	3.830	0.741	0.193	9.0	24.72
3590	40.4604	117.2317	-194.2	276	QA1	0	0	0	0	73	31.6	2605	58	128	202	2.207	0.634	0.287	9.0	24.73
3591	40.4609	117.2317	-198.3	275	QA1	0	0	0	0	70	31.5	2357	44	179	206	4.068	0.869	0.214	9.0	24.72
3592	40.4614	117.2317	-197.6	276	QA1	0	0	0	0	79	31.6	2267	32	212	211	6.625	1.005	0.152	9.1	24.72
3593	40.4620	117.2317	-194.6	282	QA1	0	0	0	0	84	31.7	2409	54	132	240	2.444	0.550	0.225	9.1	24.72
3594	40.4625	117.2318	-187.1	288	QA1	0	0	0	0	76	31.8	2472	53	142	207	2.679	0.686	0.256	9.1	24.71
3595	40.4630	117.2318	-180.7	298	QA1	0	0	0	0	70	32.0	2352	43	173	213	4.023	0.812	0.202	9.1	24.70
3596	40.4636	117.2318	-164.5	301	QA1	0	0	0	0	82	32.0	2564	59	114	247	1.932	0.462	0.239	9.0	24.70
3597	40.4641	117.2318	-155.0	306	QA1	0	0	0	0	71	32.1	2613	49	179	205	3.653	0.873	0.239	9.1	24.70
3598	40.4646	117.2318	-146.8	301	QA1	0	0	0	0	75	32.0	2366	47	199	186	4.234	1.070	0.253	9.1	24.70
3599	40.4652	117.2318	-128.9	300	QA1	0	0	0	0	69	32.0	2470	64	136	221	2.125	0.615	0.290	9.2	24.70
3600	40.4657	117.2318	-125.2	294	QA1	0	0	0	0	77	27.3	2450	57	137	231	2.404	0.593	0.247	9.3	24.70
3601	40.4662	117.2319	-114.0	293	QA1	0	0	0	0	76	27.3	2389	40	143	244	3.575	0.586	0.164	9.3	24.70
3602	40.4667	117.2319	-109.8	288	QA1	0	0	0	0	83	27.2	2449	63	92	238	1.460	0.387	0.265	9.3	24.70
3603	40.4673	117.2319	-108.6	285	QA1	0	0	0	0	76	27.2	2413	44	194	192	4.409	1.010	0.229	9.3	24.71
3604	40.4678	117.2319	-109.2	281	QA1	0	0	0	0	78	27.1	2372	65	147	189	2.262	0.778	0.344	9.3	24.71
3605	40.4683	117.2319	-114.0	283	QA1	0	0	0	0	79	27.1	2405	52	112	251	2.154	0.446	0.207	9.3	24.71
3606	40.4689	117.2319	-124.3	280	QA1	0	0	0	0	68	27.1	2313	56	143	199	2.554	0.719	0.281	9.3	24.71
3607	40.4694	117.2319	-131.8	281	QA1	0	0	0	0	77	27.1	2097	41	146	202	3.318	0.723	0.218	9.3	24.71
3608	40.4699	117.2320	-132.3	282	QA1	0	0	0	0	80	27.1	2304	50	136	217	2.720	0.627	0.230	9.3	24.71
3609	40.4704	117.2320	-138.9	286	QA1	0	0	0	0	74	27.2	2231	51	137	194	2.686	0.706	0.263	9.3	24.71
3610	40.4710	117.2320	-142.6	286	QA1	0	0	0	0	82	27.2	2360	51	55	260	1.078	0.212	0.196	9.3	24.71
3611	40.4715	117.2320	-145.4	289	QA1	0	0	0	0	73	27.2	2425	59	134	208	2.271	0.644	0.284	9.3	24.71
3612	40.4720	117.2320	-148.4	292	QA1	0	0	0	0	80	27.3	2388	57	154	236	2.702	0.653	0.242	9.3	24.70
3613	40.4726	117.2320	-146.9	295	QA1	0	0	0	0	80	27.3	2419	56	187	167	3.339	1.120	0.335	9.3	24.70
3614	40.4731	117.2321	-149.9	302	QA1	0	0	0	0	68	27.4	2334	71	101	243	1.423	0.416	0.292	9.3	24.70
3615	40.4736	117.2321	-154.6	308	QA1	0	0	0	0	78	27.5	2425	67	57	292	0.851	0.195	0.229	9.3	24.69
3616	40.4742	117.2321	-155.1	311	QA1	0	0	0	0	81	27.6	2301	42	154	239	3.667	0.644	0.176	9.3	24.69
3617	40.4747	117.2321	-156.6	315	QA1	0	0	0	0	78	27.6	2333	46	190	196	4.130	0.969	0.235	9.4	24.68
3618	40.4752	117.2321	-161.9	318	QA1	0	0	0	0	81	27.7	2483	48	137	244	2.854	0.561	0.197	9.4	24.68
3619	40.4757	117.2321	-171.5	317	QA1	0	0	0	0	79	27.8	2336	52	172	200	3.308	0.860	0.260	9.4	24.68
3620	40.4763	117.2321	-177.7	317	QA1	0	0	0	0	70	27.8	2551	47	183	207	3.894	0.884	0.227	9.4	24.68
3621	40.4768	117.2322	-182.3	312	QA1	0	0	0	0	81	27.7	2223	52	118	224	2.269	0.527	0.232	9.4	24.69

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3622	40.4773	117.2322	-183.6	309	QA1	0	0	0	0	76	27.6	2297	55	86	263	1.564	0.327	0.209	9.3	24.69
3623	40.4779	117.2322	-172.5	303	QA1	0	0	0	0	84	27.5	2289	50	153	220	3.060	0.695	0.227	9.3	24.69
3624	40.4784	117.2322	-158.0	303	QA1	0	0	0	0	77	27.5	2299	58	73	243	1.259	0.300	0.239	9.3	24.69
3625	40.4789	117.2322	-147.5	304	QA1	0	0	0	0	81	27.6	2338	50	169	212	3.380	0.797	0.236	9.2	24.69
3626	40.4794	117.2322	-138.1	304	QA1	0	0	0	0	86	27.6	2407	56	125	216	2.232	0.579	0.259	9.2	24.69
3627	40.4800	117.2323	-126.4	299	QA1	0	0	0	0	82	27.5	2283	48	138	217	2.875	0.636	0.221	9.2	24.69
3628	40.4805	117.2323	-123.7	300	QA1	0	0	0	0	72	27.5	2390	52	125	226	2.404	0.553	0.230	9.2	24.68
3629	40.4810	117.2323	-123.0	296	QA1	0	0	0	0	78	27.4	2448	52	221	202	4.250	1.094	0.257	9.2	24.69
3630	40.4816	117.2323	-124.3	293	QA1	0	0	0	0	81	27.4	2327	53	92	250	1.736	0.368	0.212	9.2	24.69
3631	40.4821	117.2323	-122.7	286	QA1	0	0	0	0	79	27.3	2365	59	129	241	2.186	0.535	0.245	9.2	24.69
3632	40.4826	117.2323	-128.7	287	QA1	0	0	0	0	84	27.3	2377	44	138	224	3.136	0.616	0.196	9.2	24.69
3633	40.4832	117.2323	-138.5	285	QA1	0	0	0	0	74	27.2	2177	41	225	157	5.488	1.433	0.261	9.2	24.69
3634	40.4837	117.2324	-146.5	289	QA1	0	0	0	0	77	27.3	2438	57	166	212	2.912	0.783	0.269	9.2	24.69
3635	40.4842	117.2324	-161.0	290	QA1	0	0	0	0	69	27.3	2317	57	124	228	2.175	0.544	0.250	9.1	24.68
3636	40.4847	117.2324	-167.5	295	QA1	0	0	0	0	66	27.4	2227	46	161	242	3.500	0.665	0.190	9.1	24.67
3637	40.4853	117.2324	-175.0	301	QA1	0	0	0	0	70	27.5	2504	55	155	251	2.818	0.618	0.219	9.1	24.67
3638	40.4858	117.2324	-177.5	308	QA1	0	0	0	0	90	28.5	2347	52	165	211	3.173	0.782	0.246	9.1	24.67
3639	40.4863	117.2324	-186.7	309	QA1	0	0	0	0	74	28.6	2360	55	135	226	2.455	0.597	0.243	9.1	24.66
3640	40.4869	117.2325	-199.2	316	QF	0	0	0	0	87	28.7	2416	55	101	241	1.836	0.419	0.228	9.0	24.65
3641	40.4874	117.2325	-211.8	312	QF	0	0	0	0	74	28.6	2359	59	137	211	2.322	0.649	0.280	9.0	24.65
3642	40.4879	117.2325	-226.8	316	QF	0	0	0	0	82	28.7	2426	63	118	239	1.873	0.494	0.264	9.0	24.65
3643	40.4885	117.2325	-243.6	315	QF	0	0	0	0	82	28.6	2475	51	168	214	3.294	0.785	0.238	8.9	24.64
3644	40.4890	117.2325	-256.9	316	QF	0	0	0	0	83	28.7	2640	43	172	235	4.000	0.732	0.183	8.9	24.65
3645	40.4895	117.2325	-268.7	314	QF	0	0	0	0	76	28.6	2254	66	135	223	2.045	0.605	0.296	8.8	24.65
3646	40.4900	117.2326	-279.5	313	QF	0	0	0	0	77	28.6	2556	60	161	229	2.683	0.703	0.262	8.9	24.64
3647	40.4906	117.2326	-280.0	316	QF	0	0	0	0	78	28.7	2344	40	191	211	4.775	0.905	0.190	8.9	24.64
3648	40.4911	117.2326	-264.8	316	QF	0	0	0	0	69	28.7	2412	54	142	224	2.630	0.634	0.241	8.9	24.64
3649	40.4916	117.2326	-253.6	313	QF	0	0	0	0	80	28.6	2451	53	196	184	3.698	1.065	0.288	8.9	24.64
3650	40.4922	117.2326	-244.4	310	QF	0	0	0	0	75	28.6	2442	77	55	239	0.714	0.230	0.322	8.9	24.64
3651	40.4927	117.2326	-234.4	309	QF	0	0	0	0	67	28.5	2497	67	181	174	2.701	1.040	0.385	8.9	24.63
3652	40.4932	117.2326	-227.2	305	QF	0	0	0	0	80	28.5	2554	60	101	271	1.683	0.373	0.221	8.8	24.63
3653	40.4937	117.2327	-219.3	304	QF	0	0	0	0	74	28.5	2712	58	131	227	2.259	0.577	0.256	8.8	24.63
3654	40.4943	117.2327	-214.4	297	QF	0	0	0	0	71	28.4	2466	70	136	229	1.943	0.594	0.306	8.8	24.63
3655	40.4948	117.2327	-208.1	300	QF	0	0	0	0	75	28.4	2340	57	115	243	2.018	0.473	0.235	8.7	24.63
3656	40.4953	117.2327	-204.9	299	QF	0	0	0	0	78	28.4	2438	51	168	208	3.294	0.808	0.245	8.8	24.63
3657	40.4959	117.2327	-203.4	302	QF	0	0	0	0	87	26.4	2473	75	128	217	1.707	0.590	0.346	8.8	24.62
3658	40.4964	117.2327	-198.5	302	QF	0	0	0	0	78	26.4	2367	68	174	156	2.559	1.115	0.436	8.7	24.62
3659	40.4969	117.2328	-194.5	303	QF	0	0	0	0	88	26.5	2521	49	220	193	4.490	1.140	0.254	8.7	24.62
3660	40.4975	117.2328	-190.3	298	QF	0	0	0	0	78	26.4	2475	57	200	215	3.509	0.930	0.265	8.7	24.61
3661	40.4980	117.2328	-184.3	304	QF	0	0	0	0	79	26.5	2393	72	119	199	1.653	0.598	0.362	8.7	24.61
3662	40.4985	117.2328	-182.1	304	QF	0	0	0	0	73	26.5	2359	56	85	263	1.518	0.323	0.213	8.6	24.60
3663	40.4990	117.2328	-179.8	314	QF	0	0	0	0	82	26.6	2369	57	175	178	3.070	0.983	0.320	8.6	24.59
3664	40.4996	117.2328	-179.8	316	QF	0	0	0	0	79	26.7	2405	62	133	253	2.145	0.526	0.245	8.6	24.59
3665	40.5001	117.2328	-180.3	319	QF	0	0	0	0	70	26.7	2428	55	208	170	3.782	1.224	0.324	8.6	24.58
3666	40.5006	117.2329	-176.9	312	QF	0	0	0	0	83	26.6	2543	63	139	215	2.206	0.647	0.293	8.5	24.59
3667	40.5012	117.2329	-174.7	314	QF	0	0	0	0	89	26.6	2439	49	143	238	2.918	0.601	0.206	8.5	24.58
3668	40.5017	117.2329	-174.0	310	QF	0	0	0	0	85	26.6	2376	56	182	207	3.250	0.879	0.271	8.5	24.58
3669	40.5022	117.2329	-172.3	305	QF	0	0	0	0	70	26.5	2360	61	147	220	2.410	0.668	0.277	8.5	24.58
3670	40.5027	117.2329	-168.2	300	QF	0	0	0	0	95	26.4	2427	51	215	190	4.216	1.132	0.268	8.5	24.58
3671	40.5033	117.2329	-167.2	303	QF	0	0	0	0	78	26.5	2355	75	147	215	1.960	0.684	0.349	8.5	24.58
3672	40.5038	117.2330	-166.2	304	QF	0	0	0	0	89	26.5	2650	66	174	204	2.636	0.853	0.324	8.5	24.56
3673	40.5043	117.2330	-163.0	309	QF	0	0	0	0	85	26.5	2419	52	176	211	3.385	0.834	0.246	8.5	24.56
3674	40.5049	117.2330	-165.3	306	QF	0	0	0	0	82	26.5	2409	65	142	203	2.185	0.700	0.320	8.5	24.56
3675	40.5054	117.2330	-159.3	301	QF	0	0	0	0	80	26.4	2324	64	179	163	2.797	1.098	0.393	8.5	24.56

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3676	40.5059	117.2330	-157.1	302	QF	0	0	0	0	73	23.4	2398	46	157	236	3.413	0.665	0.195	8.6	24.56
3677	40.5065	117.2330	-155.2	303	QF	0	0	0	0	76	23.4	2480	66	162	210	2.455	0.771	0.314	8.6	24.55
3678	40.5070	117.2330	-151.9	303	QF	0	0	0	0	71	23.4	2475	70	111	198	1.586	0.561	0.354	8.6	24.55
3679	40.5075	117.2331	-151.2	303	QF	0	0	0	0	78	23.4	2435	74	117	236	1.581	0.496	0.314	8.6	24.55
3680	40.5080	117.2331	-145.3	300	QF	0	0	0	0	76	23.4	2417	55	202	176	3.673	1.148	0.313	8.6	24.55
3681	40.5086	117.233	-140.4	295	QF	0	0	0	0	73	23.3	2449	64	163	191	2.547	0.853	0.335	8.5	24.55
3682	40.5091	117.2331	-133.9	292	QF	0	0	0	0	88	23.3	2500	61	228	172	3.738	1.326	0.355	8.5	24.54
3683	40.5096	117.2331	-131.2	289	QF	0	0	0	0	65	23.3	2414	72	242	157	3.361	1.541	0.459	8.5	24.54
3684	40.5102	117.2331	-128.3	290	QF	0	0	0	0	75	23.3	2680	70	153	219	2.186	0.699	0.320	8.5	24.54
3685	40.5107	117.2332	-123.6	284	QF	0	0	0	0	82	23.2	2534	70	181	161	2.586	1.124	0.435	8.5	24.54
3686	40.5112	117.2332	-116.9	285	QF	0	0	0	0	77	23.2	2333	55	149	202	2.709	0.738	0.272	8.6	24.53
3687	40.5118	117.2332	-116.2	286	QF	0	0	0	0	71	23.2	2248	47	137	219	2.915	0.626	0.215	8.6	24.53
3688	40.5123	117.2332	-120.9	287	QF	0	0	0	0	84	23.2	2151	57	152	181	2.667	0.840	0.315	8.6	24.52
3689	40.5128	117.2332	-120.2	288	QF	0	0	0	0	72	23.2	2256	75	80	198	1.067	0.404	0.379	8.7	24.52
3690	40.5133	117.2332	-120.5	292	QF	0	0	0	0	76	23.3	2358	67	199	166	2.970	1.199	0.404	8.7	24.51
3691	40.5139	117.2332	-121.0	286	QF	0	0	0	0	84	23.2	2358	47	189	184	4.021	1.027	0.255	8.7	24.52
3692	40.5144	117.2333	-116.8	287	QF	0	0	0	0	98	23.2	2235	36	248	188	6.889	1.319	0.191	8.8	24.51
3693	40.5149	117.2333	-112.6	283	QF	0	0	0	0	89	23.2	2309	70	151	187	2.157	0.807	0.374	8.9	24.51
3694	40.5155	117.2333	-107.9	286	QF	0	0	0	0	78	23.2	2453	54	212	185	3.926	1.146	0.292	8.9	24.51
3695	40.5160	117.2333	-107.2	282	QF	0	0	0	0	86	15.7	2272	62	219	180	3.532	1.217	0.344	9.0	24.50
3696	40.5165	117.2333	-104.5	286	QF	0	0	0	0	87	15.8	2312	55	157	194	2.855	0.809	0.284	9.1	24.50
3697	40.5170	117.2333	-100.0	285	QF	0	0	0	0	76	15.7	2379	69	103	231	1.493	0.446	0.299	9.1	24.49
3698	40.5176	117.2334	-97.3	286	QF	0	0	0	0	87	15.8	2345	57	177	196	3.105	0.903	0.291	9.2	24.49
3699	40.5181	117.2334	-91.1	286	QF	0	0	0	0	81	15.7	2447	62	173	200	2.790	0.865	0.310	9.2	24.49
3700	40.5186	117.2334	-87.7	282	QF	0	0	0	0	68	15.7	2479	75	124	241	1.653	0.515	0.311	9.2	24.48
3701	40.5192	117.2334	-82.5	276	QF	0	0	0	0	84	15.7	2328	58	123	213	2.121	0.577	0.272	9.2	24.48
3702	40.5197	117.2334	-81.5	275	QF	0	0	0	0	89	15.7	2387	62	205	170	3.306	1.206	0.365	9.2	24.48
3703	40.5202	117.2334	-80.6	269	QF	0	0	0	0	85	15.6	2410	60	171	184	2.850	0.929	0.326	9.2	24.48
3704	40.5208	117.2334	-81.7	265	QF	0	0	0	0	76	15.6	2203	66	146	205	2.212	0.712	0.322	9.2	24.48
3705	40.5213	117.2335	-83.0	259	QF	0	0	0	0	86	15.5	2265	57	161	198	2.825	0.813	0.288	9.2	24.48
3706	40.5218	117.2335	-85.0	259	QF	0	0	0	0	85	15.5	2407	70	218	162	3.114	1.346	0.432	9.3	24.48
3707	40.5223	117.2335	-87.3	260	QF	0	0	0	0	78	15.6	2419	72	140	214	1.944	0.654	0.336	9.3	24.47
3708	40.5229	117.2335	-92.9	259	QF	0	0	0	0	87	15.5	2297	60	144	233	2.400	0.618	0.258	9.4	24.47
3709	40.5234	117.2335	-94.7	258	QF	0	0	0	0	82	15.5	2298	51	179	241	3.510	0.743	0.212	9.4	24.46
3710	40.5239	117.2335	-96.2	260	QF	0	0	0	0	75	15.6	2329	50	246	180	4.920	1.367	0.278	9.4	24.46
3711	40.5245	117.2336	-99.7	256	QF	0	0	0	0	69	15.5	2291	68	175	205	2.574	0.854	0.332	9.5	24.46
3712	40.5250	117.2336	-97.8	253	QF	0	0	0	0	79	15.5	2345	63	184	220	2.921	0.836	0.286	9.6	24.45
3713	40.5255	117.2336	-103.0	261	QF	0	0	0	0	89	15.6	2334	70	172	202	2.457	0.851	0.347	9.7	24.44
3714	40.5260	117.2336	-106.0	269	QF	0	0	0	0	80	24.8	2374	58	158	206	2.724	0.767	0.282	9.8	24.43
3715	40.5265	117.2336	-109.7	277	QF	0	0	0	0	84	24.9	2261	59	157	195	3.140	0.805	0.256	9.9	24.42
3716	40.5270	117.2336	-116.9	281	QF	0	0	0	0	87	24.9	2362	53	140	214	2.642	0.654	0.248	10.0	24.41
3717	40.5275	117.2336	-121.1	288	QF	0	0	0	0	84	25.0	2421	54	191	203	3.537	0.941	0.266	10.0	24.40
3718	40.5279	117.2336	-126.8	294	QF	0	0	0	0	77	25.1	2330	55	179	197	3.255	0.909	0.279	10.0	24.40
3719	40.5284	117.2336	-130.5	310	QF	0	0	0	0	82	25.3	2357	60	97	221	1.617	0.439	0.271	10.1	24.39
3720	40.5289	117.2336	-131.2	312	QF	0	0	0	0	80	25.4	2231	49	127	213	2.592	0.596	0.230	10.1	24.38
3721	40.5294	117.2336	-133.9	318	QF	0	0	0	0	73	25.4	2338	59	138	239	2.339	0.577	0.247	10.1	24.37
3722	40.5298	117.2336	-140.6	321	QF	0	0	0	0	82	25.5	2277	69	124	184	1.797	0.674	0.375	10.2	24.36
3723	40.5303	117.2336	-141.6	328	QF	0	0	0	0	89	25.6	2248	68	93	200	1.368	0.465	0.340	10.2	24.35
3724	40.5308	117.2336	-142.9	329	QF	0	0	0	0	86	25.6	2263	51	147	193	2.882	0.762	0.264	10.2	24.34
3725	40.5313	117.2336	-143.8	334	QF	0	0	0	0	87	25.7	2329	54	125	181	2.315	0.691	0.298	10.3	24.33
3726	40.5317	117.2336	-148.4	329	QF	0	0	0	0	86	25.6	2392	45	95	231	2.111	0.411	0.195	10.3	24.32
3727	40.5322	117.2336	-149.6	327	QF	0	0	0	0	89	25.6	2312	66	67	217	1.015	0.309	0.304	10.3	24.32
3728	40.5327	117.2336	-153.2	325	PIPH3	0	0	0	0	85	25.5	2204	49	129	196	2.633	0.658	0.250	10.2	24.31
3729	40.5332	117.2336	-154.9	327	PIPH3	0	0	0	0	84	25.6	2237	49	144	186	2.939	0.774	0.263	10.3	24.30

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3730	40.5336	117.2336	-159.2	328	PIPH3	0	0	0	0	81	25.6	2341	58	68	234	1.172	0.291	0.248	10.3	24.28
3731	40.5341	117.2336	-159.8	339	PIPH3	0	0	0	0	83	25.7	2229	40	140	179	3.500	0.782	0.223	10.3	24.27
3732	40.5346	117.2336	-162.6	338	PIPH3	0	0	0	0	89	25.7	2278	50	179	160	3.580	1.119	0.313	10.4	24.26
3733	40.5351	117.2336	-162.1	341	PIPH3	0	0	0	0	80	23.0	2236	54	134	195	2.481	0.687	0.277	10.4	24.25
3734	40.5356	117.2336	-164.9	339	PIPH3	0	0	0	0	84	23.0	2204	45	129	198	2.867	0.652	0.227	10.4	24.24
3735	40.5360	117.2336	-166.4	337	PIPH3	0	0	0	0	80	23.0	2211	58	132	163	2.276	0.810	0.356	10.5	24.22
3736	40.5365	117.2336	-169.2	335	PIPH3	0	0	0	0	83	22.9	2216	42	157	196	3.738	0.801	0.214	10.5	24.21
3737	40.5370	117.2336	-166.7	334	PIPH3	0	0	0	0	89	22.9	2195	54	132	168	2.444	0.786	0.321	10.5	24.20
3738	40.5375	117.2336	-166.7	333	PIPH3	0	0	0	0	82	22.9	2223	51	97	214	1.902	0.453	0.238	10.6	24.19
3739	40.5379	117.2336	-171.0	330	PIPH3	0	0	0	0	82	22.9	2075	46	136	155	2.957	0.877	0.297	10.6	24.17
3740	40.5384	117.2336	-171.3	324	PIPH3	0	0	0	0	87	22.8	2076	38	116	172	3.053	0.674	0.221	10.6	24.16
3741	40.5389	117.2336	-170.0	303	PIPH3	0	0	0	0	77	22.6	2036	47	105	147	2.234	0.714	0.320	10.6	24.15
3742	40.5394	117.2336	-170.1	286	PIPH3	0	0	0	0	86	22.3	1946	33	189	116	5.727	1.629	0.284	10.6	24.13
3743	40.5398	117.2336	-173.8	271	PIPH3	0	0	0	0	97	22.2	1902	38	87	146	2.289	0.596	0.260	10.6	24.12
3744	40.5403	117.2336	-172.8	270	PIPH3	0	0	0	0	96	22.1	1964	39	144	135	3.692	1.067	0.289	10.6	24.10
3745	40.5408	117.2336	-172.4	259	PIPH3	0	0	0	0	87	22.0	1991	45	110	146	2.444	0.753	0.308	10.6	24.08
3746	40.5413	117.2336	-171.9	256	PIPH3	0	0	0	0	88	22.0	2066	45	101	176	2.244	0.574	0.256	10.5	24.07
3747	40.5417	117.2336	-173.4	264	PIPH3	0	0	0	0	82	22.1	2164	50	103	183	2.060	0.563	0.273	10.5	24.06
3748	40.5422	117.2336	-172.1	292	PIPH3	0	0	0	0	85	22.4	2159	70	80	218	1.143	0.367	0.321	10.5	24.04
3749	40.5427	117.2336	-172.9	320	PIPH3	0	0	0	0	82	22.8	2242	39	134	211	3.436	0.635	0.185	10.5	24.02
3750	40.5432	117.2336	-173.2	343	PIPH3	0	0	0	0	87	23.0	2224	45	94	213	2.089	0.441	0.211	10.4	24.01
3751	40.5436	117.2336	-172.4	351	PIPH3	0	0	0	0	87	23.1	2160	47	165	118	3.511	1.398	0.398	10.4	23.99
3752	40.5441	117.2336	-173.4	354	PIPH3	0	0	0	0	84	29.2	2066	44	51	216	1.159	0.236	0.204	10.5	23.98
3753	40.5446	117.2336	-177.7	352	PIPH3	0	0	0	0	77	29.1	1977	43	114	165	2.651	0.691	0.261	10.5	23.96
3754	40.5451	117.2336	-174.4	362	PIPH3	0	0	0	0	88	29.3	2149	41	183	125	4.463	1.464	0.328	10.4	23.93
3755	40.5455	117.2336	-175.1	361	PIPH3	0	0	0	0	88	29.3	2327	51	96	165	1.882	0.582	0.309	10.4	23.92
3756	40.5460	117.2336	-175.0	372	PIPH3	0	0	0	0	87	29.4	2045	64	88	130	1.375	0.677	0.492	10.5	23.94
3757	40.5465	117.2336	-176.1	400	PIPH3	0	0	0	0	87	29.9	2217	40	101	206	2.525	0.490	0.194	10.4	23.93
3758	40.5470	117.2336	-177.4	421	PIPH3	0	0	0	0	83	30.2	2259	57	82	191	1.439	0.429	0.298	10.3	23.93
3759	40.5474	117.2336	-178.2	421	PIPH3	0	0	0	0	83	30.2	2163	37	114	179	3.081	0.637	0.207	10.3	23.92
3760	40.5479	117.2336	-176.7	416	PIPH3	0	0	0	0	89	30.1	2247	44	93	152	2.114	0.612	0.289	10.4	23.91
3761	40.5484	117.2336	-178.8	431	PIPH3	0	0	1	0	89	30.3	2132	40	27	235	0.675	0.115	0.170	10.3	23.91
3762	40.5489	117.2336	-176.3	434	PIPH3	0	0	0	0	75	30.4	2201	52	108	184	2.077	0.587	0.283	10.2	23.90
3763	40.5493	117.2336	-177.8	408	PIPH3	0	0	0	0	87	30.0	2067	34	146	146	4.294	1.000	0.233	10.2	23.90
3764	40.5498	117.2336	-177.6	377	PIPH3	0	0	0	0	88	29.5	1964	46	74	155	1.609	0.477	0.297	10.1	23.89
3765	40.5503	117.2336	-179.1	346	PIPH3	0	0	0	0	91	29.0	1875	36	113	133	3.139	0.850	0.271	10.0	23.89
3766	40.5508	117.2336	-177.1	320	PIPH3	0	0	0	0	87	28.6	1884	26	91	154	3.500	0.591	0.169	10.0	23.87
3767	40.5512	117.2336	-177.9	310	PIPH3	0	0	0	0	94	28.5	1808	27	133	138	4.926	0.964	0.196	10.0	23.87
3768	40.5517	117.2336	-182.4	339	PIPH3	0	0	0	0	94	29.0	1959	43	103	153	2.395	0.673	0.281	10.0	23.86
3769	40.5522	117.2336	-180.0	360	PIPH3	0	0	0	0	89	29.3	1913	41	57	162	1.390	0.352	0.253	9.9	23.86
3770	40.5527	117.2336	-179.4	339	PIPH3	0	0	0	0	95	28.9	1958	43	95	140	2.209	0.679	0.307	9.9	23.85
3771	40.5531	117.2336	-179.1	355	PIPH3	0	0	0	0	90	21.5	1907	50	106	132	2.120	0.803	0.379	9.9	23.85
3772	40.5536	117.2336	-179.7	405	PIPH3	0	0	0	0	90	22.0	2050	31	159	152	5.129	1.046	0.204	9.8	23.84
3773	40.5541	117.2336	-181.8	422	PIPH3	0	0	0	0	83	22.1	2206	41	131	141	3.195	0.929	0.291	9.8	23.83
3774	40.5546	117.2336	-184.4	406	PIPH3	0	0	0	0	85	22.0	2001	36	119	145	3.306	0.821	0.248	9.9	23.82
3775	40.5550	117.2336	-181.7	428	PIPH3	0	0	0	0	77	22.2	2058	46	152	133	3.304	1.143	0.346	9.9	23.81
3776	40.5555	117.2336	-184.1	452	PIPH3	0	0	0	0	84	22.4	2098	49	156	145	3.184	1.076	0.338	9.8	23.79
3777	40.5560	117.2336	-182.1	480	PIPH3	0	0	0	0	83	22.7	2264	37	121	161	3.270	0.752	0.230	9.8	23.78
3778	40.5565	117.2336	-181.8	461	PIPH3	0	0	0	0	85	22.5	2243	56	123	136	2.196	0.904	0.412	9.9	23.79
3779	40.5569	117.2336	-182.4	438	PIPH3	0	0	0	0	101	22.3	2109	31	169	146	5.452	1.158	0.212	9.9	23.79
3780	40.5574	117.2336	-181.9	449	PIPH3	0	0	0	0	94	22.4	2094	58	151	130	2.603	1.162	0.446	9.8	23.78
3781	40.5579	117.2336	-181.2	475	PIPH3	0	0	0	0	91	22.6	2074	50	109	184	2.180	0.592	0.272	9.8	23.77
3782	40.5584	117.2336	-184.1	454	PIPH3	0	0	0	0	91	22.4	2024	40	146	147	3.650	0.993	0.272	9.8	23.77
3783	40.5588	117.2336	-184.3	462	PIPH3	0	0	0	0	89	22.5	2073	38	119	171	3.132	0.696	0.222	9.7	23.76

REC
4432
4433
4434
4435
4436
4437
4438
4439
4440
4441
4442
4443
4444
4445
4446
4447
4448
4449
4450
4451
4452
4453
4454
4455
4456
4457
4458
4459
4460
4461
4462
4463
4464
4465
4466
4467
4468
4469
4470
4471
4472
4473
4474
4475
4476
4477
4478
4479
4480
4481
4482
4483
4484
4485

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3784	40.5593	117.2336	-184.6	487	PIPH3	0	0	0	0	83	22.8	2186	56	108	178	1.929	0.607	0.315	9.7	23.76
3785	40.5598	117.2336	-182.6	488	PIPH3	0	0	0	0	75	22.8	2204	54	115	165	2.130	0.697	0.327	9.7	23.75
3786	40.5603	117.2336	-185.3	464	PIPH3	0	0	0	0	90	22.5	2080	41	142	133	3.463	1.068	0.308	9.7	23.75
3787	40.5607	117.2336	-181.6	455	PIPH3	0	0	0	0	91	22.5	2183	43	176	128	4.093	1.375	0.336	9.7	23.74
3788	40.5612	117.2336	-184.3	462	PIPH3	0	0	0	0	95	22.5	2077	5[illegible]	99	162	1.868	0.611	0.327	9.7	23.74
3789	40.5617	117.2336	-186.9	428	PIPH3	0	0	0	0	90	22.2	1971	43	130	107	3.023	1.215	0.402	9.7	23.73
3790	40.5622	117.2336	-185.0	410	PIPH3	0	0	0	0	86	30.4	1884	49	110	130	2.245	0.846	0.377	9.7	23.72
3791	40.5626	117.2336	-184.3	415	PIPH3	0	0	0	0	92	30.5	1992	27	148	125	5.481	1.184	0.216	9.7	23.71
3792	40.5631	117.2336	-185.2	395	PIPH3	0	0	0	0	91	30.2	1984	39	60	200	1.538	0.300	0.195	9.7	23.70
3793	40.5636	117.2336	-188.1	377	PIPH3	0	0	0	0	85	29.9	2040	27	134	173	4.963	0.775	0.156	9.8	23.70
3794	40.5641	117.2336	-187.8	386	PIPH3	0	0	0	0	82	30.1	2015	40	103	139	2.575	0.741	0.288	9.8	23.70
3795	40.5645	117.2336	-188.4	428	PIPH3	0	0	0	0	88	30.7	2150	62	92	138	1.484	0.667	0.449	9.7	23.69
3796	40.5650	117.2335	-190.1	465	PIPH3	0	0	0	0	90	31.2	2100	38	130	133	3.421	0.977	0.286	9.7	23.68
3797	40.5655	117.2335	-192.1	436	PIPH3	0	0	0	0	89	30.8	2038	35	125	152	3.571	0.822	0.230	9.7	23.67
3798	40.5660	117.2335	-192.8	422	PIPH3	0	0	0	0	89	30.6	1975	36	102	146	2.833	0.699	0.247	9.7	23.66
3799	40.5664	117.2335	-192.7	406	PIPH3	0	0	0	0	87	30.4	1937	40	129	119	3.225	1.084	0.336	9.7	23.65
3800	40.5669	117.2335	-190.4	409	PIPH3	0	0	0	0	86	30.4	1960	41	80	178	1.951	0.449	0.230	9.7	23.64
3801	40.5674	117.2335	-189.3	421	PIPH3	0	0	0	0	95	30.6	2199	58	122	165	2.103	0.739	0.352	9.8	23.64
3802	40.5679	117.2335	-182.6	413	PIPH3	0	0	0	0	95	30.5	2165	40	114	169	2.850	0.675	0.237	9.7	23.63
3803	40.5683	117.2335	-178.9	439	PIPH3	0	0	0	0	92	30.8	2255	45	89	214	1.978	0.416	0.210	9.6	23.61
3804	40.5688	117.2335	-178.8	459	PIPH3	0	0	0	0	95	31.1	2330	56	80	237	1.429	0.338	0.236	9.6	23.60
3805	40.5693	117.2335	-179.8	427	PIPH3	0	0	0	0	88	30.7	2297	46	162	193	3.522	0.839	0.238	9.7	23.60
3806	40.5698	117.2335	-181.3	401	PIPH3	0	0	0	0	97	30.3	2314	49	102	236	2.082	0.432	0.208	9.7	23.59
3807	40.5702	117.2335	-180.0	375	PIPH3	0	0	0	0	88	29.9	2285	63	115	172	1.825	0.669	0.366	9.7	23.58
3808	40.5707	117.2335	-177.2	380	PIPH3	0	0	0	0	96	30.0	2188	39	136	175	3.487	0.777	0.223	9.7	23.57
3809	40.5712	117.2335	-172.8	370	PIPH3	0	0	0	0	84	24.4	2289	60	111	189	1.850	0.587	0.317	9.7	23.57
3810	40.5717	117.2335	-166.1	364	PIPH3	0	0	0	0	96	24.3	2222	38	43	250	1.132	0.172	0.152	9.7	23.56
3811	40.5721	117.2335	-164.9	386	PIPH3	0	0	0	0	86	24.6	2208	49	155	184	3.163	0.842	0.266	9.6	23.55
3812	40.5726	117.2335	-160.4	444	PIPH3	0	0	0	0	99	25.2	2120	35	169	145	4.829	1.166	0.241	9.7	23.54
3813	40.5731	117.2335	-159.5	470	PIPH3	0	0	0	0	88	25.5	2204	40	121	159	3.025	0.761	0.252	9.7	23.54
3814	40.5736	117.2335	-157.2	446	PIPH3	0	0	0	0	95	25.2	2099	40	164	121	4.100	1.355	0.331	9.7	23.53
3815	40.5740	117.2335	-158.0	412	PIPH3	0	0	0	0	87	24.9	2077	44	107	170	2.432	0.629	0.259	9.7	23.52
3816	40.5745	117.2335	-155.6	425	PIPH3	0	0	0	0	91	25.0	2101	36	88	182	2.444	0.484	0.198	9.7	23.51
3817	40.5750	117.2335	-156.2	423	PIPH3	0	0	0	0	99	25.0	2037	55	98	132	1.782	0.742	0.417	9.7	23.50
3818	40.5755	117.2335	-154.1	427	PIPH3	0	0	0	0	90	25.0	2105	43	119	154	2.767	0.773	0.279	9.6	23.48
3819	40.5759	117.2335	-151.1	429	PIPH3	0	0	0	0	96	25.0	2110	50	92	169	1.840	0.544	0.296	9.6	23.48
3820	40.5764	117.2335	-148.2	390	PIPH3	0	0	0	0	92	24.6	2028	47	142	115	3.021	1.235	0.409	9.6	23.47
3821	40.5769	117.2335	-145.6	402	PIPH3	0	0	0	0	90	24.8	2025	49	66	138	1.347	0.478	0.355	9.6	23.46
3822	40.5774	117.2335	-142.4	464	PIPH3	0	0	0	0	90	25.4	2082	40	89	179	2.225	0.497	0.223	9.6	23.45
3823	40.5778	117.2335	-143.4	493	PIPH3	0	0	0	0	92	25.7	2132	35	133	150	3.694	0.887	0.240	9.7	23.45
3824	40.5783	117.2335	-142.7	487	PIPH3	0	0	0	0	93	25.7	2160	53	117	158	2.208	0.741	0.335	9.7	23.44
3825	40.5788	117.2335	-141.8	451	PIPH3	0	0	0	0	93	25.3	2119	42	79	170	1.881	0.465	0.247	9.7	23.42
3826	40.5793	117.2335	-139.6	437	PIPH3	0	0	0	0	86	25.1	2042	32	154	128	4.813	1.203	0.250	9.7	23.41
3827	40.5797	117.2335	-140.1	435	PIPH3	0	0	0	0	84	25.1	1970	37	130	123	3.514	1.057	0.301	9.7	23.41
3828	40.5802	117.2335	-141.7	405	PIPH3	0	0	0	0	89	26.7	1927	31	102	155	3.290	0.658	0.200	9.6	23.39
3829	40.5807	117.2335	-143.2	397	PIPH3	0	0	0	0	87	26.6	1935	23	132	134	5.739	0.985	0.172	9.6	23.39
3830	40.5812	117.2335	-143.9	404	PIPH3	0	0	0	0	103	26.7	1848	37	151	79	4.081	1.911	0.468	9.6	23.38
3831	40.5816	117.2335	-144.0	398	PIPH3	0	0	0	0	106	26.7	1973	41	109	160	2.659	0.681	0.256	9.6	23.37
3832	40.5821	117.2335	-142.2	402	PIPH3	0	0	0	0	105	26.7	1864	34	126	110	3.706	1.145	0.309	9.6	23.35
3833	40.5826	117.2335	-143.0	406	PIPH3	0	0	0	0	96	26.8	1844	32	67	143	2.094	0.469	0.224	9.6	23.34
3834	40.5831	117.2335	-140.6	386	PIPH3	0	0	0	0	91	26.5	1902	34	122	110	3.588	1.109	0.309	9.5	23.33
3835	40.5835	117.2335	-143.1	393	PIPH3	0	0	0	0	90	26.6	1744	51	48	109	0.941	0.440	0.468	9.5	23.33
3836	40.5840	117.2335	-139.0	431	PIPH3	0	0	0	0	100	27.1	1813	52	47	123	0.904	0.382	0.423	9.5	23.31
3837	40.5845	117.2335	-139.3	491	PIPH3	0	0	0	0	88	27.8	1801	26	162	59	6.231	2.746	0.441	9.4	23.29

REC
4486
4487
4488
4489
4490
4491
4492
4493
4494
4495
4496
4497
4498
4499
4500
4501
4502
4503
4504
4505
4506
4507
4508
4509
4510
4511
4512
4513
4514
4515
4516
4517
4518
4519
4520
4521
4522
4523
4524
4525
4526
4527
4528
4529
4530
4531
4532
4533
4534
4535
4536
4537
4538
4539

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3838	40.5850	117.2335	-137.9	541	PIPH3	0	0	0	0	101	28.4	1867	43	95	85	2.209	1.118	0.506	9.4	23.30
3839	40.5854	117.2335	-134.4	654	PIPH3	0	0	0	0	87	29.5	2048	45	75	135	1.667	0.556	0.333	9.4	23.29
3840	40.5859	117.2335	-133.0	714	PIPH3	1	0	0	0	97	30.1	2153	45	43	201	0.956	0.214	0.224	9.3	23.29
3841	40.5864	117.2335	-133.8	755	PIPH3	1	0	0	0	106	30.3	2180	39	61	211	1.564	0.289	0.185	9.2	23.28
3842	40.5869	117.2335	-130.8	675	PIPH3	0	0	0	0	98	29.7	2030	44	93	115	2.114	0.809	0.383	9.2	23.28
3843	40.5873	117.2335	-128.9	599	PIPH3	0	0	0	0	92	29.0	2031	30	142	135	4.733	1.052	0.222	9.1	23.27
3844	40.5878	117.2335	-130.6	577	PIPH3	0	0	0	0	106	28.7	2004	40	92	109	2.300	0.844	0.367	9.0	23.27
3845	40.5883	117.2335	-130.5	560	PIPH3	0	0	0	0	95	28.6	1979	30	96	109	3.200	0.881	0.275	8.9	23.26
3846	40.5888	117.2335	-128.8	533	PIPH3	0	0	0	0	104	28.3	2042	35	95	110	2.714	0.864	0.318	8.9	23.25
3847	40.5892	117.2335	-125.6	494	PIPH3	0	0	0	0	85	17.7	2109	33	127	155	3.848	0.819	0.213	8.8	23.24
3848	40.5897	117.2335	-125.0	472	PIPH3	0	0	0	0	109	17.5	1977	34	94	126	2.765	0.746	0.270	8.7	23.23
3849	40.5902	117.2335	-125.6	435	PIPH3	0	0	0	0	93	17.3	2023	54	66	160	1.222	0.413	0.337	8.7	23.22
3850	40.5907	117.2335	-124.6	411	PIPH3	0	0	0	0	105	17.1	2069	45	51	215	1.133	0.237	0.209	8.6	23.22
3851	40.5911	117.2335	-123.9	436	PIPH3	0	0	0	0	98	17.3	2094	66	70	181	1.061	0.387	0.365	8.5	23.21
3852	40.5916	117.2335	-125.4	458	PIPH3	0	0	0	0	102	17.5	2086	48	97	160	2.021	0.606	0.300	8.5	23.21
3853	40.5921	117.2335	-123.0	418	PIPH3	0	0	0	0	107	17.2	2145	42	196	110	4.667	1.782	0.382	8.4	23.20
3854	40.5926	117.2335	-124.2	400	PIPH3	0	0	0	0	95	17.1	1984	43	89	184	2.070	0.484	0.234	8.4	23.20
3855	40.5930	117.2335	-122.1	418	PIPH3	0	0	0	0	97	17.2	2141	56	89	167	1.589	0.533	0.335	8.3	23.19
3856	40.5935	117.2335	-121.2	464	PIPH3	0	0	0	0	94	17.5	2188	49	113	184	2.306	0.614	0.266	8.2	23.17
3857	40.5940	117.2335	-118.3	447	PIPH3	0	0	0	0	107	17.4	2165	23	156	147	6.783	1.061	0.156	8.2	23.17
3858	40.5945	117.2335	-118.1	385	PIPH3	0	0	0	0	101	16.9	2071	45	98	136	2.178	0.721	0.331	8.1	23.17
3859	40.5949	117.2335	-121.1	352	PIPH3	0	0	0	0	103	16.7	2005	34	111	142	3.265	0.782	0.239	8.1	23.16
3860	40.5954	117.2335	-119.4	376	PIPH3	0	0	0	0	107	16.9	2032	58	77	150	1.328	0.513	0.387	8.0	23.15
3861	40.5959	117.2335	-115.8	424	PIPH3	0	0	0	0	95	17.2	2077	50	83	184	1.660	0.451	0.272	8.1	23.15
3862	40.5964	117.2335	-117.9	472	PIPH3	0	0	0	0	101	17.5	2310	67	88	174	1.313	0.506	0.385	8.1	23.14
3863	40.5968	117.2335	-118.2	469	PIPH3	0	0	0	0	105	17.5	2133	39	162	127	4.154	1.276	0.307	8.0	23.15
3864	40.5973	117.2335	-116.9	476	PIPH3	0	0	0	0	105	17.6	2189	51	93	196	1.824	0.474	0.260	8.0	23.14
3865	40.5978	117.2335	-116.5	487	PIPH3	0	0	0	0	90	17.6	2193	52	118	118	2.269	1.000	0.441	8.0	23.13
3866	40.5983	117.2335	-117.5	493	PIPH3	0	0	0	0	96	21.8	2085	45	120	147	2.667	0.816	0.306	8.0	23.12
3867	40.5987	117.2335	-116.1	515	PIPH3	0	0	0	0	92	21.9	2057	51	78	141	1.529	0.553	0.362	8.0	23.12
3868	40.5992	117.2335	-115.2	508	PIPH3	0	0	0	0	100	21.9	2265	31	154	122	4.968	1.262	0.254	8.0	23.12
3869	40.5997	117.2335	-115.5	497	PIPH3	0	0	0	0	98	21.8	2130	55	88	117	1.600	0.752	0.470	8.0	23.12
3870	40.6002	117.2335	-114.1	494	QF	0	0	0	0	91	21.8	2101	46	104	167	2.261	0.623	0.275	8.0	23.12
3871	40.6006	117.2335	-114.5	494	QF	0	0	0	0	107	21.8	2183	58	84	186	1.448	0.452	0.312	8.0	23.12
3872	40.6011	117.2335	-111.9	490	QF	0	0	0	0	92	21.7	2164	35	149	148	4.257	1.007	0.236	7.9	23.12
3873	40.6016	117.2335	-115.1	465	QF	0	0	0	0	102	21.5	2047	44	95	155	2.159	0.613	0.284	7.7	23.11
3874	40.6021	117.2335	-114.9	457	QF	0	0	0	0	94	21.5	2023	36	141	127	3.917	1.110	0.283	7.7	23.11
3875	40.6025	117.2335	-112.9	483	QF	0	0	0	0	95	21.7	2150	54	99	192	1.833	0.516	0.281	7.6	23.11
3876	40.6030	117.2335	-113.1	489	QF	0	0	0	0	100	21.7	2064	54	132	122	2.444	1.082	0.443	7.5	23.09
3877	40.6035	117.2335	-113.4	486	QF	0	0	0	0	104	21.7	2141	41	113	176	2.756	0.642	0.233	7.5	23.09
3878	40.6040	117.2335	-109.7	488	QF	0	0	0	0	112	21.7	2176	43	111	177	2.581	0.627	0.243	7.6	23.09
3879	40.6044	117.2335	-113.4	493	QF	0	0	0	0	99	21.8	2164	30	156	147	5.200	1.061	0.204	7.7	23.10
3880	40.6049	117.2335	-107.8	499	QF	0	0	0	0	102	21.8	2111	51	41	169	0.804	0.243	0.302	7.7	23.10
3881	40.6054	117.2335	-105.1	495	QF	0	0	0	0	98	21.8	2336	49	132	129	2.694	1.023	0.380	7.7	23.09
3882	40.6059	117.2335	-104.0	485	QF	0	0	0	0	102	21.7	2355	43	78	207	1.814	0.377	0.208	7.7	23.09
3883	40.6063	117.2335	-104.2	488	QF	0	0	0	0	95	21.7	2754	39	150	148	3.846	1.014	0.264	7.7	23.10
3884	40.6068	117.2335	-105.7	493	QF	0	0	0	0	111	21.8	2324	40	124	148	3.100	0.838	0.270	7.7	23.11
3885	40.6073	117.2335	-105.2	489	QF	0	0	0	0	94	21.4	2306	50	67	211	1.340	0.318	0.237	7.7	23.12
3886	40.6078	117.2335	-105.8	493	QF	0	0	0	0	98	21.4	2042	29	171	151	5.897	1.132	0.192	7.7	23.12
3887	40.6082	117.2335	-103.7	524	QF	0	0	0	0	94	21.7	2408	48	158	126	3.292	1.254	0.381	7.7	23.13
3888	40.6087	117.2335	-102.5	573	QF	0	0	0	0	95	22.1	2346	45	145	152	3.222	0.954	0.296	7.7	23.13
3889	40.6092	117.2335	-101.4	556	QF	0	0	0	0	113	22.0	2456	47	126	124	2.681	1.016	0.379	7.6	23.13
3890	40.6097	117.2335	-101.0	494	QF	0	0	0	0	101	21.5	2269	35	139	170	3.971	0.818	0.206	7.7	23.14
3891	40.6101	117.2335	-104.4	478	QF	0	0	0	0	97	21.3	2368	49	113	200	2.306	0.565	0.245	7.7	23.15

REC
4540
4541
4542
4543
4544
4545
4546
4547
4548
4549
4550
4551
4552
4553
4554
4555
4556
4557
4558
4559
4560
4561
4562
4563
4564
4565
4566
4567
4568
4569
4570
4571
4572
4573
4574
4575
4576
4577
4578
4579
4580
4581
4582
4583
4584
4585
4586
4587
4588
4589
4590
4591
4592
4593

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3892	40.6106	117.2335	-104.9	447	QF	0	0	0	0	91	21.1	2400	52	175	147	3.365	1.190	0.354	7.7	23.16
3893	40.6111	117.2335	-105.0	468	QF	0	0	0	0	90	21.2	2563	64	161	180	2.516	0.894	0.356	7.7	23.16
3894	40.6116	117.2335	-103.9	481	QF	0	0	0	0	103	21.3	2414	52	97	240	1.865	0.404	0.217	7.7	23.17
3895	40.6120	117.2335	-102.6	451	QF	0	0	0	0	105	21.1	2466	44	133	238	3.023	0.559	0.185	7.7	23.18
3896	40.6125	117.2335	-103.4	419	QF	0	0	0	0	96	20.8	2413	45	145	220	3.222	0.659	0.205	7.7	23.18
3897	40.6130	117.2335	-101.6	395	QF	0	0	0	0	95	20.6	2183	46	134	207	2.913	0.647	0.222	7.7	23.18
3898	40.6135	117.2335	-100.4	421	QF	0	0	0	0	96	20.8	2254	50	109	188	2.180	0.580	0.266	7.7	23.18
3899	40.6139	117.2335	-106.2	421	QF	0	0	0	0	98	20.8	2282	40	184	171	4.600	1.076	0.234	7.7	23.18
3900	40.6144	117.2335	-109.5	406	QF	0	0	0	0	101	20.7	2327	49	83	204	1.694	0.407	0.240	7.7	23.18
3901	40.6149	117.2335	-103.3	437	QF	0	0	0	0	106	21.0	2412	64	57	212	0.891	0.269	0.302	7.7	23.18
3902	40.6154	117.2335	-102.6	396	QF	0	0	0	0	104	20.6	2080	39	109	183	2.795	0.596	0.213	7.7	23.19
3903	40.6158	117.2335	-107.4	395	QF	0	0	0	0	100	20.6	2226	46	104	165	2.261	0.630	0.279	7.7	23.19
3904	40.6163	117.2335	-109.2	426	QF	0	0	0	0	92	24.9	2334	50	112	171	2.240	0.655	0.292	7.7	23.20
3905	40.6168	117.2335	-104.3	414	QF	0	0	0	0	96	24.7	2310	60	106	178	1.767	0.596	0.337	7.7	23.21
3906	40.6173	117.2335	-105.7	388	QF	0	0	0	0	106	24.5	2242	60	105	170	1.750	0.618	0.353	7.8	23.21
3907	40.6177	117.2335	-101.8	417	QF	0	0	0	0	101	24.8	2209	57	139	142	2.439	0.979	0.401	7.7	23.22
3908	40.6182	117.2335	-103.3	447	QF	0	0	0	0	94	25.1	2406	53	101	167	1.906	0.605	0.317	7.8	23.22
3909	40.6187	117.2335	-104.5	420	QF	0	0	0	0	103	24.8	2076	38	77	170	2.026	0.453	0.224	7.8	23.23
3910	40.6192	117.2335	-101.5	423	QF	0	0	0	0	101	24.9	2147	33	137	158	4.152	0.867	0.209	7.7	23.24
3911	40.6196	117.2335	-102.8	449	QF	0	0	0	0	103	25.1	2066	45	67	152	1.489	0.441	0.296	7.7	23.24
3912	40.6201	117.2335	-98.8	476	QF	0	0	0	0	102	25.4	2103	23	153	124	6.652	1.234	0.185	7.6	23.26
3913	40.6206	117.2335	-97.9	494	QF	0	0	0	0	91	25.6	2048	33	141	120	4.273	1.175	0.275	7.6	23.27
3914	40.6211	117.2335	-97.7	578	QF	0	0	0	0	96	26.5	2270	30	95	176	3.167	0.540	0.170	7.6	23.28
3915	40.6215	117.2335	-96.2	610	QF	0	0	0	0	96	26.8	2310	53	77	189	1.453	0.407	0.280	7.6	23.30
3916	40.6220	117.2335	-97.5	521	QF	0	0	0	0	108	25.9	2214	28	130	181	4.643	0.718	0.155	7.5	23.31
3917	40.6225	117.2335	-90.3	480	QF	0	0	0	0	99	25.5	2074	26	65	206	2.500	0.316	0.126	7.5	23.32
3918	40.6230	117.2335	-85.7	461	QF	0	0	0	0	100	25.3	2295	30	222	106	7.400	2.094	0.283	7.4	23.33
3919	40.6234	117.2335	-84.1	444	QF	0	0	0	0	94	25.1	2179	46	172	137	3.739	1.255	0.336	7.4	23.35
3920	40.6239	117.2335	-87.2	432	QF	0	0	0	0	85	25.0	2615	57	175	206	3.070	0.850	0.277	7.4	23.37
3921	40.6244	117.2335	-83.1	424	QF	0	0	0	0	97	24.9	2229	63	63	195	1.000	0.323	0.323	7.4	23.38
3922	40.6249	117.2335	-83.3	424	QF	0	0	0	0	93	24.9	2461	60	166	165	2.767	1.006	0.364	7.4	23.38
3923	40.6253	117.2335	-87.4	419	QF	0	0	0	0	95	21.1	2646	61	117	238	1.918	0.492	0.256	7.4	23.40
3924	40.6258	117.2335	-82.9	419	QF	0	0	0	0	96	21.1	2734	63	93	226	1.476	0.412	0.279	7.4	23.40
3925	40.6263	117.2335	-82.9	415	QF	0	0	0	0	97	21.0	2449	42	180	200	4.286	0.900	0.210	7.4	23.41
3926	40.6268	117.2335	-82.1	428	QF	0	0	0	0	87	21.1	2482	51	189	167	3.706	1.132	0.305	7.4	23.42
3927	40.6272	117.2335	-83.8	429	QF	0	0	0	0	105	21.2	2373	44	181	170	4.114	1.065	0.259	7.4	23.42
3928	40.6277	117.2335	-88.3	435	QF	0	0	0	0	81	21.2	2250	59	99	190	1.678	0.521	0.311	7.4	23.44
3929	40.6282	117.2335	-91.6	422	QF	0	0	0	0	103	21.1	2183	37	111	196	3.000	0.566	0.189	7.3	23.45
3930	40.6287	117.2335	-87.5	411	QF	0	0	0	0	98	21.0	2188	41	104	198	2.537	0.525	0.207	7.2	23.46
3931	40.6292	117.2335	-88.3	410	QF	0	0	0	0	96	21.0	2146	49	132	154	2.750	0.857	0.312	7.1	23.48
3932	40.6296	117.2335	-89.1	402	QF	0	0	0	0	94	20.9	2121	32	122	167	3.813	0.731	0.192	7.2	23.50
3933	40.6301	117.2335	-93.8	383	QF	0	0	0	0	94	20.7	2021	42	117	169	2.786	0.692	0.249	7.1	23.52
3934	40.6306	117.2335	-95.2	386	QF	0	0	0	0	91	20.8	2153	51	148	122	2.902	1.213	0.418	7.1	23.53
3935	40.6311	117.2335	-100.2	389	QF	0	0	0	0	89	20.8	1987	63	68	140	1.079	0.486	0.450	7.1	23.53
3936	40.6315	117.2335	-105.0	386	QF	0	0	0	0	88	20.8	2101	41	135	145	3.293	0.931	0.283	7.1	23.54
3937	40.6320	117.2335	-114.1	381	QF	0	0	0	0	88	20.7	2201	43	147	139	3.419	1.058	0.309	7.1	23.55
3938	40.6325	117.2335	-117.1	383	QF	0	0	0	0	89	20.7	2274	47	141	178	3.000	0.792	0.264	7.0	23.55
3939	40.6330	117.2335	-116.2	390	QF	0	0	0	0	95	20.8	2215	39	121	182	3.103	0.665	0.214	7.0	23.56
3940	40.6334	117.2335	-115.0	388	QF	0	0	0	0	89	20.8	2445	47	183	180	3.894	1.017	0.261	7.0	23.57
3941	40.6339	117.2335	-119.4	398	QF	0	0	0	0	95	20.9	2327	37	169	217	4.568	0.779	0.171	7.0	23.57
3942	40.6344	117.2335	-112.1	465	QF	0	0	0	0	88	16.0	2497	50	203	165	4.060	1.230	0.303	6.9	23.58
3943	40.6349	117.2335	-111.9	470	QF	0	0	0	0	108	16.0	2393	63	168	196	2.667	0.857	0.321	6.9	23.59
3944	40.6353	117.2335	-113.4	406	QF	0	0	0	0	97	15.6	2373	53	170	202	3.208	0.842	0.262	6.9	23.59
3945	40.6358	117.2335	-111.2	374	QF	0	0	0	0	92	15.4	2433	33	138	203	4.182	0.680	0.163	6.9	23.60

REC
4594
4595
4596
4597
4598
4599
4600
4601
4602
4603
4604
4605
4606
4607
4608
4609
4610
4611
4612
4613
4614
4615
4616
4617
4618
4619
4620
4621
4622
4623
4624
4625
4626
4627
4628
4629
4630
4631
4632
4633
4634
4635
4636
4637
4638
4639
4640
4641
4642
4643
4644
4645
4646
4647

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3946	40.6363	117.2335	-118.9	356	QF	0	0	0	0	101	15.3	2318	57	145	209	2.544	0.694	0.273	6.9	23.60
3947	40.6368	117.2335	-120.9	346	QF	0	0	0	0	93	15.2	2343	50	173	209	3.460	0.828	0.239	6.9	23.60
3948	40.6372	117.2335	-124.7	341	QF	0	0	0	0	102	15.2	2292	48	174	186	3.625	0.935	0.258	6.9	23.61
3949	40.6377	117.2335	-126.0	340	QF	0	0	0	0	94	15.2	2369	76	157	169	2.066	0.929	0.450	6.9	23.61
3950	40.6382	117.2335	-126.0	344	QF	0	0	0	0	92	15.2	2289	47	150	206	3.191	0.728	0.228	6.9	23.62
3951	40.6387	117.2335	-126.9	350	QF	0	0	0	0	91	15.2	2270	63	54	244	0.857	0.221	0.258	6.8	23.62
3952	40.6391	117.2335	-125.7	348	QF	0	0	0	0	90	15.2	2358	58	143	218	2.466	0.656	0.266	6.8	23.62
3953	40.6396	117.2335	-124.5	338	QF	0	0	0	0	83	15.2	2414	63	193	150	3.063	1.287	0.420	6.8	23.63
3954	40.6401	117.2335	-124.7	326	QF	0	0	0	0	89	15.1	2292	51	158	185	3.098	0.854	0.276	6.8	23.64
3955	40.6406	117.2335	-122.3	310	QF	0	0	0	0	87	15.0	2371	55	192	174	3.491	1.103	0.316	6.9	23.64
3956	40.6410	117.2335	-116.7	298	QF	0	0	0	0	88	14.9	2345	50	194	180	3.880	1.078	0.278	6.8	23.65
3957	40.6415	117.2335	-115.9	295	QF	0	0	0	0	87	14.9	2288	50	180	207	3.600	0.870	0.242	6.8	23.65
3958	40.6420	117.2335	-111.3	282	QF	0	0	0	0	83	14.8	2297	57	220	186	3.860	1.183	0.306	6.8	23.66
3959	40.6425	117.2335	-111.8	280	QF	0	0	0	0	95	14.8	2206	64	165	150	2.578	1.100	0.427	6.8	23.66
3960	40.6429	117.2335	-110.7	299	QQA1	0	0	0	0	90	14.9	2216	54	193	126	3.574	1.532	0.429	6.8	23.67
3961	40.6434	117.2335	-109.5	287	QQA1	0	0	1	0	92	17.4	2338	69	26	261	0.377	0.100	0.264	6.8	23.67
3962	40.6439	117.2335	-112.0	292	QQA1	0	0	0	0	9[illegible]	17.4	2266	50	123	214	2.460	0.575	0.234	6.8	23.68
3963	40.6444	117.2334	-115.4	281	QQA1	0	0	0	0	8[illegible]	17.3	2320	81	152	186	1.877	0.817	0.435	6.8	23.68
3964	40.6448	117.2334	-112.9	273	QQA1	0	0	0	0	87	17.2	2273	57	149	204	2.614	0.730	0.279	6.8	23.69
3965	40.6453	117.2334	-112.7	271	QQA1	0	0	0	0	93	17.2	2425	46	147	219	3.196	0.671	0.210	6.8	23.69
3966	40.6458	117.2334	-112.2	273	QQA1	0	0	0	0	87	17.2	2345	75	132	201	1.760	0.657	0.373	6.8	23.70
3967	40.6463	117.2334	-117.2	271	QQA1	0	0	0	0	83	17.2	2454	71	135	194	1.901	0.696	0.366	6.8	23.70
3968	40.6467	117.2334	-120.0	265	QQA1	0	0	0	0	95	17.2	2419	62	139	213	2.242	0.653	0.291	6.9	23.71
3969	40.6472	117.2334	-121.5	271	QQA1	0	0	0	0	85	17.2	2365	59	153	237	2.593	0.646	0.249	6.8	23.72
3970	40.6477	117.2334	-122.2	280	QQA1	0	0	0	0	87	17.3	2445	59	140	234	2.373	0.598	0.252	6.8	23.72
3971	40.6482	117.2334	-121.2	271	QQA1	0	0	0	0	100	17.2	2385	47	142	228	3.021	0.623	0.206	6.8	23.73
3972	40.6486	117.2334	-122.5	270	QQA1	0	0	0	0	84	17.2	2318	58	138	204	2.379	0.676	0.284	6.8	23.72
3973	40.6491	117.2334	-117.5	273	QQA1	0	0	0	0	91	17.2	2307	56	135	215	2.411	0.628	0.260	6.8	23.73
3974	40.6496	117.2334	-109.3	293	QQA1	0	0	0	0	82	17.4	2470	54	192	184	3.556	1.043	0.293	6.8	23.73
3975	40.6501	117.2334	-108.0	301	QQA1	0	0	0	0	90	17.5	2281	60	125	233	2.083	0.536	0.258	6.8	23.74
3976	40.6505	117.2334	-107.1	299	QQA1	0	0	0	0	94	17.5	2336	62	161	201	2.597	0.801	0.308	6.8	23.74
3977	40.6510	117.2334	-110.3	308	QQA1	0	0	0	0	84	17.5	2380	52	162	200	3.115	0.810	0.260	6.7	23.74
3978	40.6515	117.2334	-114.1	330	QQA1	0	0	0	0	100	17.7	2370	63	175	171	2.778	1.023	0.368	6.7	23.74
3979	40.6520	117.2334	-116.0	338	QQA1	0	0	0	0	79	17.8	2481	52	126	219	2.423	0.575	0.237	6.7	23.75
3980	40.6524	117.2334	-119.9	324	QQA1	0	0	0	0	95	24.5	2321	51	163	190	3.196	0.858	0.268	6.6	23.76
3981	40.6529	117.2334	-119.0	314	QQA1	0	0	0	0	88	24.4	2332	43	197	195	4.581	1.010	0.221	6.6	23.77
3982	40.6534	117.2334	-118.9	319	QQA1	0	0	0	0	84	24.4	2398	52	146	180	2.808	0.811	0.289	6.6	23.77
3983	40.6539	117.2334	-123.4	323	QQA1	0	0	0	0	82	24.5	2430	78	105	200	1.346	0.525	0.390	6.6	23.79
3984	40.6543	117.2334	-119.7	317	QQA1	0	0	0	0	85	24.4	2353	51	149	214	2.922	0.696	0.238	6.6	23.80
3985	40.6548	117.2334	-118.6	303	QQA1	0	0	0	0	89	24.2	2399	65	163	189	2.508	0.862	0.344	6.6	23.81
3986	40.6553	117.2334	-118.9	300	QQA1	0	0	0	0	85	24.2	2398	62	130	243	2.097	0.535	0.255	6.6	23.81
3987	40.6558	117.2334	-123.7	294	QQA1	0	0	0	0	92	24.1	2518	56	224	213	4.000	1.052	0.263	6.6	23.82
3988	40.6562	117.2334	-127.2	298	QQA1	0	0	0	0	82	24.1	2481	58	204	222	3.517	0.919	0.261	6.6	23.84
3989	40.6567	117.2334	-133.8	283	QQA1	0	0	0	0	93	23.9	2519	69	129	249	1.870	0.518	0.277	6.6	23.85
3990	40.6572	117.2334	-142.5	266	QYA	0	0	0	0	91	23.7	2532	63	276	174	4.381	1.586	0.362	6.6	23.85
3991	40.6577	117.2334	-145.6	253	QYA	0	0	0	0	94	23.5	2406	60	187	174	3.117	1.075	0.345	6.6	23.86
3992	40.6581	117.2334	-148.0	263	QYA	0	0	0	0	90	23.7	2323	63	111	224	1.762	0.496	0.281	6.6	23.87
3993	40.6586	117.2334	-150.0	267	QYA	0	0	0	0	85	23.7	2370	57	150	171	2.632	0.877	0.333	6.6	23.87
3994	40.6591	117.2334	-150.6	256	QYA	0	0	0	0	92	23.6	2362	57	208	177	3.649	1.175	0.322	6.6	23.88
3995	40.6596	117.2334	-151.5	240	QYA	0	0	0	0	89	23.3	2288	68	113	232	1.662	0.487	0.293	6.6	23.89
3996	40.6600	117.2334	-155.7	244	QYA	0	0	0	0	84	23.4	2477	63	115	240	1.825	0.479	0.262	6.6	23.89
3997	40.6605	117.2334	-158.9	252	QYA	0	0	0	0	80	23.5	2369	63	158	205	2.508	0.771	0.307	6.6	23.90
3998	40.6610	117.2334	-167.8	258	QYA	0	0	0	0	85	23.6	2561	72	168	230	2.333	0.730	0.313	6.6	23.91
3999	40.6615	117.2334	-170.1	262	QYA	0	0	0	0	80	29.9	2524	47	206	233	4.383	0.884	0.202	6.6	23.91

REC	L
4648	40
4649	40
4650	40
4651	40
4652	40
4653	40
4654	40
4655	40
4656	40
4657	40
4658	40
4659	40
4660	40
4661	40
4662	40
4663	40
4664	40
4665	40
4666	40
4667	40
4668	40
4669	40
4670	40
4671	40
4672	40
4673	40
4674	40
4675	40
4676	40
4677	40
4678	40
4679	40
4680	40
4681	40
4682	40
4683	40
4684	40
4685	40
4686	40
4687	40
4688	40
4689	40
4690	40
4691	40
4692	40
4693	40
4694	40
4695	40
4696	40
4697	40
4698	40
4699	40
4700	40
4701	40

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4000	40.6619	117.2334	-172.3	267	QOA1	0	0	0	0	92	30.0	2430	65	123	240	1.892	0.513	0.271	6.6	23.91
4001	40.6624	117.2334	-175.5	273	QOA1	0	0	0	0	93	30.1	2492	42	197	249	4.690	0.791	0.169	6.5	23.92
4002	40.6629	117.2334	-177.5	279	QOA1	0	0	0	0	93	30.2	2684	60	144	233	2.400	0.618	0.258	6.5	23.93
4003	40.6634	117.2334	-179.1	293	QOA1	0	0	0	0	87	30.5	2467	70	182	177	2.600	1.028	0.395	6.5	23.93
4004	40.6638	117.2334	-182.5	309	QOA1	0	0	0	0	91	30.8	2308	67	167	177	2.493	0.944	0.379	6.5	23.93
4005	40.6643	117.2334	-182.8	324	QOA1	0	0	0	0	87	31.0	2424	65	111	229	1.708	0.485	0.284	6.5	23.93
4006	40.6648	117.2334	-185.6	323	QOA1	0	0	0	0	82	31.0	2314	33	179	166	5.424	1.078	0.199	6.4	23.94
4007	40.6653	117.2334	-186.6	322	QOA1	0	0	0	0	90	31.0	2222	59	157	177	2.661	0.887	0.333	6.5	23.95
4008	40.6657	117.2334	-185.7	321	QOA1	0	0	0	0	74	31.0	2292	49	154	162	3.143	0.951	0.302	6.5	23.96
4009	40.6662	117.2334	-188.9	325	QOA1	0	0	0	0	86	31.1	2323	70	108	203	1.543	0.532	0.345	6.5	23.97
4010	40.6667	117.2334	-189.4	325	QOA1	0	0	0	0	90	31.1	2387	54	165	186	3.056	0.887	0.290	6.5	23.98
4011	40.6672	117.2334	-192.3	332	QOA1	0	0	0	0	84	31.2	2383	46	191	204	4.152	0.936	0.225	6.5	23.99
4012	40.6676	117.2334	-194.6	335	QOA1	0	0	0	0	82	31.2	2240	66	142	133	2.152	1.068	0.496	6.5	23.98
4013	40.6681	117.2334	-196.2	350	QOA1	0	0	0	0	86	31.5	2250	67	161	149	2.403	1.081	0.450	6.5	23.99
4014	40.6686	117.2334	-199.4	359	QOA1	0	0	0	0	85	31.6	2273	55	169	156	3.073	1.083	0.353	6.5	23.99
4015	40.6691	117.2334	-203.3	368	QOA1	0	0	0	0	85	31.8	2320	46	176	168	3.826	1.048	0.274	6.4	23.99
4016	40.6695	117.2334	-207.1	358	QOA1	0	0	0	0	93	31.6	2346	57	129	184	2.263	0.701	0.310	6.4	24.00
4017	40.6700	117.2334	-206.4	355	QOA1	0	0	0	0	86	31.6	2551	64	122	191	1.906	0.639	0.335	6.4	24.00
4018	40.6705	117.2334	-208.1	338	QOA1	0	0	0	0	87	36.8	2367	63	104	177	1.651	0.588	0.356	6.4	24.01
4019	40.6710	117.2334	-209.5	320	QOA1	0	0	0	0	83	36.4	2326	59	91	207	1.542	0.440	0.285	6.3	24.03
4020	40.6714	117.2334	-212.3	311	QOA1	0	0	0	0	84	36.2	2482	44	183	202	4.159	0.906	0.218	6.3	24.04
4021	40.6719	117.2334	-210.4	303	QOA1	0	0	0	0	78	36.1	2389	63	192	172	3.048	1.116	0.366	6.3	24.04
4022	40.6724	117.2334	-208.7	297	QOA1	0	0	0	0	86	35.9	2359	66	140	182	2.121	0.769	0.363	6.3	24.05
4023	40.6729	117.2334	-206.4	304	QOA1	0	0	0	0	83	36.1	2337	38	245	168	6.447	1.458	0.226	6.3	24.05
4024	40.6733	117.2334	-204.8	312	QOA1	0	0	0	0	88	36.3	2398	65	200	142	3.077	1.408	0.458	6.3	24.05
4025	40.6738	117.2334	-204.2	326	QOA1	0	0	0	0	79	36.6	2551	48	117	211	2.438	0.555	0.227	6.3	24.05
4026	40.6743	117.2334	-202.0	330	QOA1	0	0	0	0	86	36.6	2389	63	76	224	1.206	0.339	0.281	6.3	24.05
4027	40.6748	117.2334	-202.4	336	QOA1	0	0	0	0	87	36.8	2433	55	150	223	2.727	0.673	0.247	6.3	24.05
4028	40.6752	117.2334	-206.1	344	QOA1	0	0	0	0	89	36.9	2284	47	141	189	3.000	0.746	0.249	6.3	24.06
4029	40.6757	117.2334	-201.4	344	QOA1	0	0	0	0	72	36.9	2484	76	124	165	1.632	0.752	0.461	6.4	24.06
4030	40.6762	117.2334	-199.7	334	QOA1	0	0	0	0	83	36.7	2434	68	158	162	2.324	0.975	0.420	6.4	24.07
4031	40.6767	117.2334	-201.3	327	QOA1	0	0	0	0	91	36.6	2524	41	193	192	4.707	1.005	0.214	6.3	24.07
4032	40.6771	117.2334	-198.8	323	QOA1	0	0	0	0	79	36.5	2680	69	192	160	2.783	1.200	0.431	6.4	24.08
4033	40.6776	117.2334	-198.8	324	QOA1	0	0	0	0	69	36.5	2539	70	158	195	2.257	0.810	0.359	6.4	24.09
4034	40.6781	117.2334	-197.1	324	QOA1	0	0	0	0	86	36.5	2500	58	221	178	3.810	1.242	0.326	6.4	24.09
4035	40.6786	117.2334	-193.8	329	QOA1	0	0	0	0	85	36.6	2509	55	180	196	3.273	0.918	0.281	6.3	24.09
4036	40.6790	117.2334	-195.7	336	QOA1	0	0	0	0	80	36.8	2804	60	180	201	3.000	0.896	0.299	6.3	24.10
4037	40.6795	117.2334	-198.5	340	QOA1	0	0	0	0	86	32.5	2425	45	198	177	4.400	1.119	0.254	6.3	24.11
4038	40.6800	117.2334	-199.9	346	QOA1	0	0	0	0	84	32.6	2623	65	125	229	1.923	0.546	0.284	6.3	24.11
4039	40.6805	117.2334	-197.9	345	QOA1	0	0	0	0	93	32.6	2535	57	192	188	3.368	1.021	0.303	6.3	24.11
4040	40.6809	117.2334	-194.2	350	QOA1	0	0	0	0	87	32.7	2516	72	125	195	1.736	0.641	0.369	6.3	24.12
4041	40.6814	117.2334	-193.2	349	QOA1	0	0	0	0	86	32.7	2531	68	154	177	2.265	0.870	0.384	6.3	24.12
4042	40.6819	117.2334	-193.9	350	QOA1	0	0	0	0	89	32.7	2394	53	132	221	2.491	0.597	0.240	6.3	24.12
4043	40.6824	117.2334	-193.9	353	QOA1	0	0	0	0	81	32.7	2429	46	272	153	5.913	1.778	0.301	6.3	24.13
4044	40.6928	117.2334	-189.1	358	QOA1	0	0	0	0	95	32.9	2352	49	98	233	2.000	0.421	0.210	6.3	24.14
4045	40.6833	117.2334	-185.8	364	QOA1	0	0	0	0	91	32.9	2411	72	128	188	1.778	0.681	0.383	6.3	24.14
4046	40.6838	117.2334	-182.3	373	QOA1	0	0	0	0	77	33.1	2312	66	118	190	1.788	0.621	0.347	6.3	24.14
4047	40.6843	117.2334	-178.0	380	QOA1	0	0	0	0	95	33.2	2318	45	214	157	4.756	1.363	0.287	6.3	24.14
4048	40.6847	117.2334	-180.1	391	QOA1	0	0	0	0	80	33.4	2316	77	146	160	1.896	0.913	0.481	6.3	24.13
4049	40.6852	117.2334	-174.9	395	QOA1	0	0	0	0	89	33.5	2384	70	135	189	1.929	0.714	0.370	6.3	24.13
4050	40.6857	117.2334	-169.9	399	QOA1	0	0	0	0	75	33.5	2347	67	150	160	2.239	0.938	0.419	6.4	24.13
4051	40.6862	117.2334	-164.1	395	QOA1	0	0	0	0	74	33.5	2226	53	168	129	3.170	1.302	0.411	6.4	24.15
4052	40.6866	117.2334	-158.9	392	QOA1	0	0	0	0	93	33.4	2365	74	112	189	1.514	0.593	0.392	6.4	24.15
4053	40.6871	117.2334	-156.7	390	QOA1	0	0	0	0	85	33.4	2299	65	200	131	3.077	1.527	0.496	6.4	24.16

REC	LA
4702	40.
4703	40.
4704	40.
4705	40.
4706	40.
4707	40.
4708	40.
4709	40.
4710	40.
4711	40.
4712	40.
4713	40.
4714	40.
4715	40.
4716	40.
4717	40.
4718	40.
4719	40.
4720	40.
4721	40.
4722	40.
4723	40.
4724	40.
4725	40.
4726	40.
4727	40.
4728	40.
4729	41.
4730	41.
4731	41.
4732	41.
4733	41.
4734	41.
4735	41.
4736	41.
4737	41.
4738	41.
4739	41.
4740	41.
4741	41.
4742	41.
4743	41.
4744	41.
4745	41.
4746	41.
4747	41.
4748	41.
4749	41.
4750	41.

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4054	40.6876	117.2334	-153.4	394	QQA1	0	0	0	0	76	33.5	2273	64	228	122	3.563	1.869	0.525	6.4	24.16
4055	40.6881	117.2334	-152.9	398	QQA1	0	0	0	0	74	33.5	2298	53	108	224	2.038	0.482	0.237	6.3	24.16
4056	40.6885	117.2334	-153.1	404	QQA1	0	0	0	0	80	36.2	2279	68	151	122	2.221	1.238	0.557	6.3	24.16
4057	40.6890	117.2334	-153.8	411	QQA1	0	0	0	0	87	36.3	2371	39	214	201	5.487	1.065	0.194	6.4	24.16
4058	40.6895	117.2334	-157.0	414	QQA1	0	0	0	0	90	36.4	2397	47	133	208	2.830	0.639	0.226	6.3	24.16
4059	40.6900	117.2334	-159.1	412	QQA1	0	0	0	0	81	36.4	2223	41	220	118	5.366	1.864	0.347	6.4	24.16
4060	40.6904	117.2334	-161.6	41[illegible]	QYA	0	0	0	0	77	36.4	2353	54	140	206	2.593	0.680	0.262	6.3	24.17
4061	40.6909	117.2334	-166.6	409	QYA	0	0	0	0	86	36.3	2322	35	193	196	5.514	0.985	0.179	6.4	24.17
4062	40.6914	117.2334	-166.1	406	Q[illegible]	0	0	0	0	81	36.2	2329	78	114	194	1.462	0.588	0.402	6.4	24.17
4063	40.6919	117.2334	-175.4	408	QYA	0	0	0	0	89	36.3	2311	67	72	195	1.075	0.369	0.344	6.4	24.17
4064	40.6923	117.2334	-178.1	409	QYA	0	0	0	0	92	36.3	2252	61	128	154	2.098	0.831	0.396	6.4	24.17
4065	40.6928	117.2334	-182.8	414	QYA	0	0	0	0	93	36.4	2231	68	99	160	1.456	0.619	0.425	6.4	24.17
4066	40.6933	117.2334	-185.1	413	QYA	0	0	0	0	81	36.4	2319	53	173	139	3.264	1.245	0.381	6.4	24.17
4067	40.6938	117.2334	-187.3	418	QYA	0	0	0	0	81	36.4	2341	50	165	171	3.300	0.965	0.292	6.4	24.17
4068	40.6942	117.2334	-188.3	417	QYA	0	0	0	0	76	36.4	2394	54	190	145	3.519	1.310	0.372	6.3	24.16
4069	40.6947	117.2334	-189.8	420	QYA	0	0	0	0	79	36.5	2397	65	170	185	2.615	0.919	0.351	6.3	24.17
4070	40.6952	117.2334	-191.6	421	QYA	0	0	0	0	82	36.5	2417	68	147	175	2.162	0.840	0.389	6.4	24.17
4071	40.6957	117.2334	-194.3	423	QYA	0	0	0	0	75	36.5	2283	46	185	149	4.022	1.242	0.309	6.4	24.17
4072	40.6962	117.2333	-192.4	419	QYA	0	0	0	0	80	36.5	2266	60	147	174	2.450	0.845	0.345	6.4	24.17
4073	40.6967	117.2333	-194.6	426	QYA	0	0	0	0	81	36.6	2222	60	102	183	1.700	0.557	0.328	6.4	24.17
4074	40.6972	117.2333	-193.6	425	QYA	0	0	0	0	77	36.6	2353	42	208	162	4.952	1.284	0.259	6.4	24.18
4075	40.6977	117.2333	-195.4	428	QYA	0	0	0	0	85	36.1	2272	44	140	183	3.182	0.765	0.240	6.4	24.18
4076	40.6982	117.2333	-196.9	423	QYA	0	0	0	0	89	36.0	2439	52	183	177	3.519	1.034	0.294	6.4	24.19
4077	40.6987	117.2332	-197.9	426	QYA	0	0	0	0	81	36.1	2458	69	174	154	2.522	1.130	0.448	6.4	24.19
4078	40.6992	117.2332	-196.3	422	QYA	0	0	0	0	81	36.0	2431	66	155	165	2.348	0.939	0.400	6.5	24.19
4079	40.6997	117.2332	-197.0	426	QYA	0	0	0	0	74	36.1	2386	61	96	209	1.574	0.459	0.292	6.4	24.19
4080	40.7002	117.2332	-198.8	426	QYA	0	0	0	0	88	36.1	2358	75	95	195	1.267	0.487	0.385	6.4	24.19
4081	40.7007	117.2332	-201.1	427	QYA	0	0	0	0	88	36.1	2346	57	195	154	3.421	1.266	0.370	6.5	24.19
4082	40.7012	117.2331	-196.9	422	QYA	0	0	0	0	81	36.0	2386	59	208	129	3.525	1.612	0.457	6.5	24.20
4083	40.7017	117.2331	-196.4	421	QYA	0	0	0	0	89	36.0	2375	58	172	200	2.966	0.860	0.290	6.5	24.20
4084	40.7022	117.2331	-202.5	418	QYA	0	0	0	0	83	35.9	2377	61	163	148	2.672	1.101	0.412	6.5	24.20
4085	40.7027	117.2331	-205.0	418	QYA	0	0	0	0	89	35.9	2381	45	211	154	4.689	1.370	0.292	6.5	24.21
4086	40.7032	117.2331	-201.0	418	QYA	0	0	0	0	84	35.9	2360	62	139	183	2.242	0.760	0.339	6.5	24.20
4087	40.7037	117.2330	-201.3	422	QYA	0	0	0	0	91	36.0	2419	46	218	150	4.739	1.453	0.307	6.5	24.20
4088	40.7042	117.2330	-200.1	418	QYA	0	0	0	0	83	35.9	2373	66	146	181	2.212	0.807	0.365	6.5	24.20
4089	40.7047	117.2330	-200.9	413	QYA	0	0	0	0	89	35.8	2476	50	155	179	3.100	0.866	0.279	6.5	24.20
4090	40.7052	117.2330	-200.5	406	QQA1	0	0	0	0	81	35.7	2261	45	122	187	2.711	0.652	0.241	6.5	24.19
4091	40.7057	117.2330	-200.5	401	QQA1	0	0	0	0	88	35.6	2392	55	144	167	2.618	0.862	0.329	6.5	24.19
4092	40.7062	117.2329	-198.3	396	QQA1	0	0	0	0	81	35.5	2385	39	173	197	4.436	0.878	0.198	6.5	24.19
4093	40.7067	117.2329	-201.3	397	QQA1	0	0	0	0	83	35.6	2389	55	184	121	3.345	1.521	0.455	6.5	24.19
4094	40.7072	117.2329	-202.6	402	QQA1	0	0	0	0	71	37.6	2425	58	152	162	2.621	0.938	0.358	6.5	24.18
4095	40.7077	117.2329	-197.6	406	QQA1	0	0	0	0	90	37.7	2399	56	194	206	3.464	0.942	0.272	6.5	24.18
4096	40.7082	117.2329	-194.3	412	QQA1	0	0	0	0	79	37.8	2556	42	194	164	4.619	1.183	0.256	6.5	24.19
4097	40.7087	117.2328	-193.8	416	QQA1	0	0	0	0	84	37.8	2459	60	180	200	3.000	0.900	0.300	6.5	24.19
4098	40.7092	117.2328	-191.1	414	QQA1	0	0	0	0	85	37.8	2519	53	152	214	2.868	0.710	0.248	6.5	24.18
4099	40.7097	117.2328	-192.4	408	QQA1	0	0	0	0	80	37.7	2572	49	111	188	2.265	0.590	0.261	6.5	24.18
4100	40.7102	117.2328	-187.9	408	QQA1	0	0	0	0	84	37.7	2457	49	136	210	2.776	0.648	0.233	6.5	24.18
4101	40.7107	117.2328	-183.0	408	QQA1	0	0	0	0	92	37.7	2521	57	120	209	2.105	0.574	0.273	6.5	24.17
4102	40.7112	117.2327	-180.0	406	QQA1	0	0	0	0	85	37.7	2524	64	172	212	2.688	0.811	0.302	6.5	24.17
4103	40.7117	117.2327	-179.8	399	QQA1	0	0	0	0	89	37.5	2573	51	184	190	3.608	0.968	0.268	6.5	24.18
4104	40.7122	117.2327	-179.4	395	QQA1	0	0	0	0	80	37.5	2471	71	166	183	2.338	0.907	0.388	6.5	24.18
4105	40.7127	117.2327	-179.5	388	QQA1	0	0	0	0	82	37.3	2539	57	181	195	3.175	0.928	0.292	6.5	24.18
4106	40.7132	117.2327	-179.5	385	QQA1	0	0	0	0	86	37.3	2504	54	206	169	3.815	1.219	0.320	6.5	24.19
4107	40.7137	117.2326	-179.8	383	QQA1	0	0	0	0	85	37.2	2535	68	182	164	2.676	1.110	0.415	6.5	24.19

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4108	40.7142	117.2326	-181.6	386	QOA1	0	0	0	0	82	37.3	2567	84	142	213	1.690	0.667	0.394	6.5	24.19
4109	40.7147	117.2326	-184.4	387	QOA1	0	0	0	0	84	37.3	2496	63	193	169	3.063	1.142	0.373	6.5	24.19
4110	40.7152	117.2326	-184.6	393	QOA1	0	0	0	0	87	37.4	2478	58	165	185	2.845	0.892	0.314	6.5	24.19
4111	40.7157	117.2326	-184.6	391	QOA1	0	0	0	0	82	37.4	2410	59	163	159	2.763	1.025	0.371	6.5	24.18
4112	40.7162	117.2325	-184.6	392	QOA1	0	0	0	0	87	37.4	2517	71	156	181	2.197	0.862	0.392	6.5	24.18
4113	40.7167	117.2325	-186.7	384	QOA1	0	0	0	0	80	37.4	2396	35	216	167	6.171	1.293	0.210	6.4	24.18
4114	40.7172	117.2325	-186.7	383	QOA1	0	0	0	0	82	37.4	2542	91	37	223	0.407	0.166	0.408	6.5	24.18
4115	40.7177	117.2325	-187.6	374	QOA1	0	0	0	0	95	37.3	2556	77	115	193	1.494	0.596	0.399	6.5	24.18
4116	40.7182	117.2325	-186.9	374	QOA1	0	0	0	0	91	37.2	2497	65	160	178	2.462	0.899	0.365	6.5	24.18
4117	40.7187	117.2324	-185.9	374	QOA1	0	0	0	0	78	37.2	2476	64	146	192	2.281	0.760	0.333	6.5	24.18
4118	40.7192	117.2324	-186.9	376	QOA1	0	0	0	0	96	37.3	2412	56	161	191	2.875	0.843	0.293	6.5	24.17
4119	40.7197	117.2324	-189.9	377	QOA1	0	0	0	0	74	37.3	2451	60	177	177	2.950	1.000	0.339	6.5	24.17
4120	40.7202	117.2324	-192.6	388	QOA1	0	0	0	0	93	37.5	2338	57	159	146	2.789	1.089	0.390	6.5	24.17
4121	40.7207	117.2324	-186.6	386	QOA1	0	0	0	0	77	37.5	2379	67	138	191	2.060	0.723	0.351	6.5	24.17
4122	40.7212	117.2323	-186.9	384	QOA1	0	0	0	0	85	37.5	2388	61	192	132	3.148	1.455	0.462	6.5	24.16
4123	40.7217	117.2323	-185.2	392	QOA1	0	0	0	0	74	37.6	2533	49	227	147	4.633	1.544	0.333	6.5	24.16
4124	40.7222	117.2323	-183.2	386	QOA1	0	0	0	0	85	37.5	2314	57	151	153	2.649	0.987	0.373	6.6	24.16
4125	40.7227	117.2323	-183.1	380	QOA1	0	0	0	0	82	37.4	2464	56	185	152	3.304	1.217	0.368	6.6	24.16
4126	40.7232	117.2323	-181.1	372	QOA1	0	0	0	0	81	37.2	2353	56	175	162	3.125	1.080	0.346	6.6	24.16
4127	40.7237	117.2322	-176.6	376	QOA1	0	0	0	0	76	37.3	2392	49	167	181	3.408	0.923	0.271	6.5	24.16
4128	40.7242	117.2322	-179.9	374	QOA1	0	0	0	0	90	37.2	2438	63	129	196	2.048	0.658	0.321	6.5	24.16
4129	40.7247	117.2322	-178.0	365	QOA1	0	0	0	0	88	37.1	2449	65	118	188	1.815	0.628	0.346	6.5	24.16
4130	40.7252	117.2322	-176.5	366	QOA1	0	0	0	0	89	37.1	2451	58	175	189	3.017	0.926	0.307	6.5	24.16
4131	40.7257	117.2322	-175.8	367	QOA1	0	0	0	0	78	37.1	2508	61	195	164	3.197	1.189	0.372	6.5	24.16
4132	40.7262	117.2321	-175.9	363	QOA1	0	0	0	0	91	34.6	2576	68	138	219	2.029	0.630	0.311	6.5	24.15
4133	40.7267	117.2321	-176.4	361	QOA1	0	0	0	0	81	34.5	2484	60	186	185	3.100	1.005	0.324	6.5	24.15
4134	40.7272	117.2321	-175.2	356	QOA1	0	0	0	0	80	34.4	2614	70	172	191	2.457	0.901	0.366	6.5	24.15
4135	40.7277	117.2321	-173.8	356	QOA1	0	0	0	0	81	34.4	2533	59	235	175	3.983	1.343	0.337	6.5	24.15
4136	40.7282	117.2321	-172.8	352	QOA1	0	0	0	0	78	34.3	2494	56	202	175	3.607	1.154	0.320	6.5	24.14
4137	40.7287	117.2320	-169.9	350	QOA1	0	0	0	0	79	34.3	2382	55	174	175	3.164	0.994	0.314	6.5	24.14
4138	40.7292	117.2320	-165.7	346	QOA1	0	0	0	0	81	34.2	2462	62	148	192	2.387	0.771	0.323	6.5	24.15
4139	40.7297	117.2320	-166.2	347	QOA1	0	0	0	0	90	34.2	2592	56	229	185	4.089	1.238	0.303	6.5	24.15
4140	40.7302	117.2320	-164.2	344	QOA1	0	0	0	0	77	34.2	2582	60	164	211	2.733	0.777	0.284	6.6	24.14
4141	40.7306	117.2320	-161.2	346	QOA1	0	0	0	0	87	34.2	2477	56	188	164	3.357	1.146	0.341	6.6	24.14
4142	40.7310	117.2320	-159.9	346	QOA1	0	0	0	0	86	34.2	2614	61	159	187	2.607	0.850	0.326	6.6	24.14
4143	40.7314	117.2320	-159.8	352	QOA1	0	0	0	0	88	34.3	2527	49	195	179	3.980	1.089	0.274	6.7	24.13
4144	40.7318	117.2320	-158.1	350	QOA1	0	0	0	0	93	34.3	2526	66	220	139	3.333	1.583	0.475	6.7	24.14
4145	40.7322	117.2320	-160.5	353	QOA1	0	0	0	0	84	34.4	2536	62	225	129	3.629	1.744	0.481	6.7	24.13
4146	40.7326	117.2320	-161.9	361	QOA1	0	0	0	0	86	34.5	2595	62	184	180	2.968	1.022	0.344	6.8	24.13
4147	40.7331	117.2320	-163.9	361	QOA1	0	0	0	0	82	34.5	2451	55	124	231	2.255	0.537	0.238	6.8	24.13
4148	40.7335	117.2320	-164.9	356	QOA1	0	0	0	0	71	34.4	2503	50	232	170	4.640	1.365	0.294	6.9	24.13
4149	40.7339	117.2320	-169.4	353	QOA1	0	0	0	0	73	34.4	2378	41	252	159	6.146	1.585	0.258	7.0	24.13
4150	40.7343	117.2320	-175.2	346	QOA1	0	0	0	0	79	34.2	2377	70	100	173	1.429	0.578	0.405	7.0	24.13
4151	40.7347	117.2320	-175.5	344	QOA1	0	0	0	0	80	36.4	2288	51	234	106	4.588	2.208	0.481	7.1	24.13
4152	40.7351	117.2320	-170.2	339	QOA1	0	0	0	0	77	36.3	2391	59	199	144	3.373	1.382	0.410	7.2	24.13
4153	40.7355	117.2320	-169.5	333	QOA1	0	0	0	0	88	36.2	2375	59	171	184	2.898	0.929	0.321	7.3	24.12
4154	40.7359	117.2320	-171.3	328	QOA1	0	0	0	0	86	36.1	2236	62	191	161	3.081	1.136	0.385	7.3	24.12
4155	40.7364	117.2320	-174.0	323	QOA1	0	0	0	0	84	36.0	2346	80	69	236	0.862	0.292	0.339	7.3	24.12
4156	40.7368	117.2320	-171.0	320	QOA1	0	0	0	0	82	35.9	2336	63	172	180	2.730	0.956	0.350	7.4	24.12
4157	40.7372	117.2320	-169.7	319	QOA1	0	0	0	0	88	35.9	2409	73	148	193	2.027	0.767	0.378	7.4	24.12
4158	40.7376	117.2320	-170.5	320	QOA1	0	0	0	0	90	35.9	2396	64	210	196	3.281	1.071	0.327	7.5	24.12
4159	40.7380	117.2320	-172.2	319	QOA1	0	0	0	0	84	35.9	2434	77	134	206	1.740	0.650	0.374	7.6	24.12
4160	40.7384	117.2320	-171.9	317	QOA1	0	0	0	0	77	35.9	2288	58	186	162	3.207	1.148	0.358	7.7	24.12
4161	40.7388	117.2320	-171.7	313	QOA1	0	0	0	0	81	35.8	2351	62	249	119	4.016	2.092	0.521	7.7	24.12

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4162	40.7392	117.2320	-171.7	313	QOA1	0	0	0	0	84	35.8	2460	60	196	181	3.267	1.083	0.331	7.7	24.12
4163	40.7396	117.2320	-168.9	305	QOA1	0	0	0	0	84	35.6	2411	71	89	227	1.254	0.392	0.313	7.8	24.12
4164	40.7401	117.2320	-168.5	301	QOA1	0	0	0	0	84	35.5	2426	68	113	213	1.662	0.531	0.319	7.8	24.12
4165	40.7405	117.2320	-170.0	292	QOA1	0	0	0	0	81	35.3	2304	63	103	235	1.635	0.438	0.268	7.8	24.12
4166	40.7409	117.2320	-164.8	285	QOA1	0	0	0	0	94	35.2	2414	58	136	195	2.345	0.697	0.297	7.8	24.12
4167	40.7413	117.2320	-162.3	282	QOA1	0	0	0	0	89	35.1	2402	60	154	197	2.567	0.782	0.305	7.9	24.11
4168	40.7417	117.2320	-162.5	283	QOA1	0	0	0	0	85	35.1	2417	56	188	212	3.357	0.887	0.264	7.9	24.11
4169	40.7421	117.2320	-162.3	278	QOA1	0	0	0	0	94	35.0	2421	75	150	187	2.000	0.802	0.401	7.9	24.11
4170	40.7425	117.2320	-161.2	280	QOA1	0	0	0	0	81	35.1	2440	74	128	188	1.730	0.681	0.394	7.9	24.10
4171	40.7429	117.2320	-163.2	273	QOA1	0	0	0	0	85	35.0	2368	61	118	232	1.934	0.509	0.263	7.9	24.10
4172	40.7434	117.2320	-160.3	269	QOA1	0	0	0	0	83	34.9	2372	63	197	164	3.127	1.201	0.384	7.9	24.09
4173	40.7438	117.2320	-160.7	267	QOA1	0	0	0	0	82	34.8	2366	65	197	160	3.031	1.231	0.406	7.9	24.09
4174	40.7442	117.2320	-161.0	268	QOA1	0	0	0	0	80	34.8	2437	66	125	179	1.894	0.698	0.369	8.0	24.09
4175	40.7446	117.2320	-160.0	261	QOA1	0	0	0	0	78	34.7	2323	70	130	208	1.857	0.625	0.337	8.0	24.08
4176	40.7450	117.2320	-159.0	256	QOA1	0	0	0	0	86	34.6	2277	60	181	160	3.017	1.131	0.375	8.0	24.08
4177	40.7454	117.2320	-157.8	252	QOA1	0	0	0	0	79	34.5	2420	50	238	165	4.760	1.442	0.303	8.0	24.07
4178	40.7458	117.2320	-155.4	259	QOA1	0	0	0	0	90	34.6	2251	67	123	228	1.836	0.539	0.294	8.0	24.07
4179	40.7462	117.2320	-154.4	259	PIPH1	0	0	0	0	83	34.6	2362	72	158	138	2.194	1.145	0.522	8.0	24.07
4180	40.7467	117.2320	-156.3	266	PIPH1	0	0	0	0	78	34.8	2433	62	126	218	2.032	0.578	0.284	8.0	24.07
4181	40.7471	117.2320	-155.6	263	PIPH1	0	0	0	0	88	34.7	2356	59	217	163	3.678	1.331	0.362	8.0	24.06
4182	40.7475	117.2320	-155.8	255	PIPH1	0	0	0	0	82	34.6	2251	69	112	161	1.623	0.696	0.429	8.1	24.05
4183	40.7479	117.2320	-155.1	251	PIPH1	0	0	0	0	91	34.5	2457	58	153	160	2.638	0.956	0.363	8.1	24.05
4184	40.7483	117.2320	-153.9	242	PIPH1	0	0	0	0	91	34.3	2249	61	183	151	3.000	1.212	0.404	8.1	24.05
4185	40.7487	117.2320	-155.7	229	PIPH1	0	0	0	0	86	34.0	2276	81	125	180	1.543	0.694	0.450	8.1	24.04
4186	40.7491	117.2320	-153.4	235	PIPH1	0	0	0	0	82	34.1	2284	51	222	154	4.353	1.442	0.331	8.1	24.04
4187	40.7495	117.2319	-153.0	249	PIPH1	0	0	0	0	84	34.4	2378	47	178	188	3.787	0.947	0.250	8.1	24.03
4188	40.7500	117.2319	-151.3	246	PIPH1	0	0	0	0	90	34.3	2295	74	116	189	1.568	0.614	0.392	8.0	24.02
4189	40.7504	117.2319	-152.5	246	PIPH1	0	0	0	0	85	31.4	2207	59	144	181	2.441	0.796	0.326	8.1	24.02
4190	40.7508	117.2319	-153.1	257	PIPH1	0	0	0	0	97	31.6	2317	43	126	225	2.930	0.560	0.191	8.1	24.01
4191	40.7512	117.2319	-151.3	269	PIPH1	0	0	0	0	81	31.8	2153	50	163	185	3.260	0.881	0.270	8.0	24.00
4192	40.7516	117.2319	-149.6	258	PIPH1	0	0	0	0	79	31.6	2241	46	160	177	3.478	0.904	0.260	8.0	24.00
4193	40.7520	117.2319	-150.8	252	PIPH1	0	0	0	0	86	31.5	2215	51	187	170	3.667	1.100	0.300	8.0	23.99
4194	40.7524	117.2319	-152.8	260	PIPH1	0	0	0	0	82	31.7	2402	37	208	174	5.622	1.195	0.213	7.9	23.99
4195	40.7528	117.2319	-148.5	256	PIPH1	0	0	0	0	83	31.6	2264	45	188	157	4.178	1.197	0.287	7.9	23.99
4196	40.7532	117.2319	-148.1	246	PIPH1	0	0	0	0	88	31.4	2224	59	115	170	1.949	0.676	0.347	7.8	23.98
4197	40.7537	117.2319	-149.2	255	PIPH1	0	0	0	0	84	31.6	2266	59	131	167	2.220	0.784	0.353	7.8	23.98
4198	40.7541	117.2319	-148.2	253	PIPH1	0	0	0	0	86	31.5	2403	70	118	215	1.686	0.549	0.326	7.7	23.98
4199	40.7545	117.2319	-145.2	246	PIPH1	0	0	0	0	80	31.4	2348	67	122	192	1.821	0.635	0.349	7.6	23.98
4200	40.7549	117.2319	-144.7	249	PIPH1	0	0	0	0	89	31.4	2337	52	207	153	3.981	1.353	0.340	7.5	23.97
4201	40.7553	117.2319	-148.5	263	PIPH1	0	0	0	0	84	31.7	2489	72	110	234	1.528	0.470	0.308	7.5	23.96
4202	40.7557	117.2319	-147.5	265	PIPH1	0	0	0	0	83	31.8	2501	51	216	190	4.235	1.137	0.268	7.4	23.96
4203	40.7561	117.2319	-145.2	268	PIPH1	0	0	0	0	85	31.8	2466	64	184	191	2.875	0.963	0.335	7.3	23.95
4204	40.7565	117.2319	-143.9	268	PIPH1	0	0	0	0	83	31.8	2384	65	126	186	1.938	0.677	0.349	7.2	23.94
4205	40.7570	117.2319	-141.8	272	PIPH1	0	0	0	0	88	31.9	2423	68	135	201	1.985	0.672	0.338	7.2	23.94
4206	40.7574	117.2319	-145.6	265	PIPH1	0	0	0	0	87	31.8	2274	55	193	156	3.509	1.237	0.353	7.1	23.93
4207	40.7578	117.2319	-143.0	250	PIPH1	0	0	0	0	76	31.5	2199	55	148	156	2.691	0.949	0.353	7.1	23.93
4208	40.7582	117.2319	-142.6	232	PIPH1	0	0	0	0	86	25.2	2142	58	88	181	1.517	0.436	0.320	7.1	23.93
4209	40.7586	117.2319	-142.9	218	PIPH1	0	0	0	0	83	25.0	2097	62	55	180	0.887	0.306	0.344	7.0	23.93
4210	40.7590	117.2319	-144.2	211	PIPH1	0	0	0	0	96	24.9	2096	58	106	190	1.828	0.558	0.305	6.9	23.92
4211	40.7594	117.2319	-144.2	211	PIPH1	0	0	0	0	88	24.9	2082	62	99	138	1.597	0.717	0.449	6.8	23.92
4212	40.7598	117.2319	-144.4	217	PIPH1	0	0	0	0	92	25.0	2033	44	150	148	3.409	1.014	0.297	6.8	23.91
4213	40.7603	117.2319	-144.2	228	PIPH1	0	0	0	0	80	25.2	2080	61	106	159	1.738	0.667	0.384	6.7	23.91
4214	40.7607	117.2319	-146.6	249	PIPH1	0	0	0	0	97	25.5	2174	39	157	193	4.026	0.813	0.202	6.6	23.90
4215	40.7611	117.2319	-146.6	272	PIPH1	0	0	0	0	83	25.8	2219	52	197	150	3.788	1.313	0.347	6.6	23.90

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4216	40.7615	117.2319	-142.6	272	PIPH1	0	0	0	0	87	25.9	2297	48	152	184	3.167	0.826	0.261	6.6	23.89
4217	40.7619	117.2319	-148.9	251	PIPH1	0	0	0	0	96	25.5	2121	55	133	170	2.418	0.782	0.324	6.6	23.88
4218	40.7623	117.2319	-143.3	240	PIPH1	0	0	0	0	87	25.3	2150	40	194	157	4.850	1.236	0.255	6.5	23.88
4219	40.7627	117.2319	-144.2	244	PIPH1	0	0	0	0	81	25.4	2064	68	103	151	1.515	0.682	0.450	6.5	23.87
4220	40.7631	117.2319	-142.8	257	PIPH1	0	0	0	0	90	25.6	1995	59	101	168	1.712	0.601	0.351	6.5	23.87
4221	40.7635	117.2319	-145.8	255	PIPH1	0	0	0	0	97	25.6	2093	50	93	149	1.860	0.624	0.336	6.5	23.86
4222	40.7640	117.2319	-144.2	240	PIPH1	0	0	0	0	81	25.4	2009	50	154	130	3.080	1.185	0.385	6.4	23.85
4223	40.7644	117.2319	-147.0	228	PIPH1	0	0	0	0	88	25.2	2015	62	129	140	2.081	0.921	0.443	6.4	23.84
4224	40.7648	117.2319	-145.5	219	PIPH1	0	0	0	0	103	25.0	1965	48	118	139	2.458	0.849	0.345	6.3	23.84
4225	40.7652	117.2319	-148.0	215	PIPH1	0	0	0	0	83	25.0	1900	53	100	160	1.887	0.625	0.331	6.3	23.83
4226	40.7656	117.2319	-144.3	213	PIPH1	0	0	0	0	89	24.9	1919	50	135	146	2.700	0.925	0.342	6.3	23.83
4227	40.7660	117.2319	-148.2	217	PIPH1	0	0	0	0	86	23.2	1864	49	152	134	3.102	1.134	0.366	6.2	23.83
4228	40.7664	117.2319	-146.0	239	PIPH1	0	0	0	0	84	23.6	1928	31	164	145	5.290	1.131	0.214	6.2	23.83
4229	40.7668	117.2319	-146.7	250	PIPH1	0	0	0	0	90	23.7	1893	40	151	186	3.775	0.812	0.215	6.2	23.83
4230	40.7673	117.2319	-146.7	240	PIPH1	0	0	0	0	76	23.6	1843	26	182	117	7.000	1.556	0.222	6.1	23.84
4231	40.7677	117.2319	-144.8	228	PIPH1	0	0	0	0	83	23.4	1991	56	120	131	2.143	0.916	0.427	6.1	23.85
4232	40.7681	117.2319	-145.5	223	PIPH1	0	0	0	0	78	23.3	1812	32	165	136	5.156	1.213	0.235	6.1	23.86
4233	40.7685	117.2319	-146.6	237	PIPH1	0	0	0	0	79	23.5	1900	44	162	143	3.682	1.133	0.308	6.0	23.87
4234	40.7689	117.2319	-145.9	261	PIPH1	0	0	0	0	86	23.9	1868	56	110	166	1.964	0.663	0.337	6.0	23.88
4235	40.7693	117.2319	-147.7	285	PIPH1	0	0	0	0	92	24.2	2012	53	91	165	1.717	0.552	0.321	6.0	23.89
4236	40.7697	117.2319	-146.3	304	PIPH1	0	0	0	0	86	24.5	2004	39	148	130	3.795	1.138	0.300	6.0	23.89
4237	40.7701	117.2319	-145.3	324	PIPH1	0	0	0	0	77	24.7	1999	36	165	118	4.583	1.398	0.305	6.0	23.90
4238	40.7706	117.2319	-143.3	348	PIPH1	0	0	0	0	92	25.1	2122	42	148	140	3.524	1.057	0.300	5.9	23.91
4239	40.7710	117.2319	-148.1	369	PIPH1	0	0	0	0	77	25.3	2152	31	239	120	7.710	1.992	0.258	5.9	23.93
4240	40.7714	117.2319	-147.6	375	PIPH1	0	0	0	0	89	25.4	2110	59	132	152	2.237	0.868	0.388	5.9	23.94
4241	40.7718	117.2319	-148.6	372	PIPH1	0	0	0	0	88	25.4	2134	46	100	181	2.174	0.552	0.254	5.9	23.95
4242	40.7722	117.2319	-147.1	361	PIPH1	0	0	0	0	82	25.2	2077	32	160	161	5.000	0.994	0.199	5.8	23.95
4243	40.7726	117.2319	-148.8	341	PIPH1	0	0	0	0	97	25.0	1935	39	170	128	4.359	1.328	0.305	5.8	23.97
4244	40.7730	117.2319	-149.5	335	PIPH1	0	0	0	0	75	24.9	2040	34	129	197	3.794	0.655	0.173	5.8	23.98
4245	40.7734	117.2319	-149.7	342	PIPH1	0	0	0	0	74	25.0	1996	46	146	148	3.174	0.986	0.311	5.8	23.99
4246	40.7739	117.2319	-145.8	357	PIPH1	0	0	0	0	80	26.2	2197	40	139	150	3.475	0.927	0.267	5.8	24.00
4247	40.7743	117.2319	-146.5	362	PIPH1	0	0	0	0	81	26.3	2188	41	162	139	3.951	1.165	0.295	5.8	24.02
4248	40.7747	117.2319	-147.2	356	PIPH1	0	0	0	0	93	26.2	2100	27	201	119	7.444	1.689	0.227	5.7	24.03
4249	40.7751	117.2319	-145.8	350	PIPH1	0	0	0	0	91	26.1	2097	42	228	119	5.429	1.916	0.353	5.7	24.04
4250	40.7755	117.2319	-146.5	345	PIPH1	0	0	0	0	84	26.1	1958	36	118	174	3.278	0.678	0.207	5.7	24.05
4251	40.7759	117.2319	-146.4	365	PIPH1	0	0	0	0	78	26.3	2205	38	247	132	6.500	1.871	0.288	5.7	24.05
4252	40.7763	117.2319	-147.5	371	PIPH1	0	0	0	0	90	26.4	2194	53	119	176	2.245	0.676	0.301	5.8	24.06
4253	40.7767	117.2319	-146.2	375	PIPH1	0	0	0	0	87	26.5	2210	54	140	160	2.593	0.875	0.337	5.8	24.07
4254	40.7771	117.2319	-147.7	373	PIPH1	0	0	0	0	90	26.4	2078	43	162	165	3.767	0.982	0.261	5.8	24.07
4255	40.7776	117.2319	-146.1	378	PIPH1	0	0	0	0	87	26.5	2033	46	130	155	2.826	0.839	0.297	5.8	24.08
4256	40.7780	117.2319	-145.9	376	PIPH1	0	0	0	0	73	26.5	2192	43	221	106	5.140	2.085	0.406	5.8	24.08
4257	40.7784	117.2319	-146.4	370	PIPH1	0	0	0	0	78	26.4	2125	50	203	130	4.060	1.562	0.385	5.8	24.08
4258	40.7788	117.2319	-147.9	363	PIPH1	0	0	0	0	82	26.3	2155	50	109	179	2.180	0.609	0.279	5.7	24.09
4259	40.7792	117.2319	-147.3	373	PIPH1	0	0	0	0	75	26.4	2049	62	52	173	0.839	0.301	0.358	5.8	24.09
4260	40.7796	117.2319	-144.5	380	PIPH1	0	0	0	0	92	26.5	2275	45	124	177	2.756	0.701	0.254	5.8	24.10
4261	40.7800	117.2319	-147.6	365	PIPH1	0	0	0	0	79	26.3	2306	46	184	150	4.000	1.227	0.307	5.8	24.11
4262	40.7804	117.2319	-149.6	358	PIPH1	0	0	0	0	81	26.2	2093	63	165	104	2.619	1.537	0.606	5.8	24.11
4263	40.7809	117.2319	-147.8	355	PIPH1	0	0	0	0	83	26.2	2069	48	68	183	1.417	0.372	0.262	5.8	24.12
4264	40.7813	117.2319	-150.3	334	PIPH1	0	0	0	0	91	25.9	2186	48	94	167	1.958	0.563	0.287	5.8	24.13
4265	40.7817	117.2319	-152.2	335	PIPH1	0	0	0	0	87	28.3	2087	61	111	131	1.820	0.847	0.466	5.8	24.13
4266	40.7821	117.2319	-151.8	328	PIPH1	0	0	0	0	80	28.2	2241	53	119	151	2.245	0.788	0.351	5.8	24.14
4267	40.7825	117.2319	-153.3	323	PIPH1	0	0	0	0	84	28.1	2054	47	108	157	2.298	0.688	0.299	5.8	24.15
4268	40.7829	117.2319	-157.0	348	PIPH1	0	0	0	0	76	28.5	2169	48	89	181	1.854	0.492	0.265	5.8	24.16
4269	40.7833	117.2319	-156.6	341	PIPH1	0	0	0	0	87	28.4	1977	37	156	119	4.216	1.311	0.311	5.8	24.18

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4270	40.7837	117.2319	-161.1	329	PIPH1	0	0	0	0	90	28.2	1993	35	156	119	4.457	1.311	0.294	5.8	24.19
4271	40.7842	117.2319	-160.3	341	PIPH1	0	0	0	0	89	28.4	1944	54	64	171	1.185	0.374	0.316	5.8	24.20
4272	40.7846	117.2319	-162.1	361	PIPH1	0	0	0	0	77	28.7	1801	37	114	146	3.081	0.781	0.253	5.8	24.20
4273	40.7850	117.2319	-162.1	383	PIPH1	0	0	0	0	81	29.0	1906	35	153	90	4.371	1.700	0.389	5.8	24.21
4274	40.7854	117.2319	-166.9	399	PIPH1	0	0	0	0	80	29.2	1994	46	89	144	1.935	0.618	0.319	5.8	24.22
4275	40.7858	117.2319	-168.0	421	PIPH1	0	0	0	0	79	29.5	2026	51	91	104	1.784	0.875	0.490	5.8	24.22
4276	40.7862	117.2319	-167.8	443	PIPH1	0	0	0	0	85	29.8	1948	54	85	132	1.574	0.644	0.409	5.9	24.23
4277	40.7866	117.2319	-167.2	449	PIPH1	0	0	0	0	82	29.9	2005	34	104	162	3.059	0.642	0.210	5.9	24.24
4278	40.7870	117.2319	-167.1	457	PIPH1	0	0	0	0	78	30.0	2158	49	123	146	2.510	0.842	0.336	6.0	24.24
4279	40.7875	117.2319	-168.9	451	PIPH1	0	0	0	0	79	29.9	2134	41	38	172	0.927	0.221	0.238	6.0	24.25
4280	40.7879	117.2319	-170.9	441	PIPH1	0	0	0	0	88	29.8	2246	43	108	147	2.512	0.735	0.293	6.0	24.26
4281	40.7883	117.2319	-171.0	434	PIPH1	0	0	0	0	75	29.7	2020	53	67	152	1.264	0.441	0.349	6.0	24.26
4282	40.7887	117.2319	-171.0	431	PIPH1	0	0	0	0	82	29.7	1998	51	72	170	1.412	0.424	0.300	6.0	24.27
4283	40.7891	117.2319	-175.3	418	PIPH1	0	0	0	0	72	29.5	2263	55	82	169	1.491	0.485	0.325	6.0	24.27
4284	40.7895	117.2319	-170.5	420	PIPH1	0	0	0	0	84	35.5	2300	45	74	164	1.644	0.451	0.274	6.0	24.28
4285	40.7899	117.2319	-171.0	415	PIPH1	0	0	0	0	91	35.4	2287	55	140	126	2.545	1.111	0.437	6.0	24.29
4286	40.7903	117.2319	-169.1	430	PIPH1	0	0	0	0	81	35.7	2284	54	100	157	1.852	0.637	0.344	6.0	24.30
4287	40.7907	117.2319	-172.5	442	PIPH1	0	0	0	0	84	35.9	2165	36	117	167	3.250	0.701	0.216	6.0	24.30
4288	40.7912	117.2319	-171.4	453	PIPH1	0	0	0	0	87	36.1	2343	38	155	173	4.079	0.896	0.220	6.0	24.31
4289	40.7916	117.2319	-173.9	449	PIPH1	0	0	0	0	88	36.0	2568	46	142	196	3.087	0.724	0.235	6.0	24.32
4290	40.7920	117.2319	-174.6	447	PIPH1	0	0	0	0	76	35.9	2463	47	149	157	3.170	0.949	0.299	6.0	24.33
4291	40.7924	117.2319	-175.5	433	PIPH1	0	0	0	0	82	35.7	2328	51	154	221	3.020	0.697	0.231	6.0	24.34
4292	40.7928	117.2319	-175.8	421	PIPH1	0	0	0	0	84	35.5	2333	74	74	193	1.000	0.383	0.383	6.0	24.34
4293	40.7932	117.2319	-176.1	408	PIPH1	0	0	0	0	86	35.3	2292	46	104	240	2.261	0.433	0.192	6.0	24.36
4294	40.7936	117.2319	-175.4	394	PIPH1	0	0	0	0	96	35.0	2467	55	168	187	3.055	0.898	0.294	6.1	24.37
4295	40.7940	117.2319	-180.0	356	PIPH1	0	0	0	0	77	34.3	2462	47	136	199	2.894	0.683	0.236	6.1	24.38
4296	40.7945	117.2319	-178.7	321	PIPH1	0	0	0	0	92	33.7	2196	54	127	176	2.352	0.722	0.307	6.1	24.39
4297	40.7949	117.2319	-181.1	304	PIPH1	0	0	0	0	73	33.3	2570	35	169	178	4.829	0.949	0.197	6.1	24.40
4298	40.7953	117.2319	-180.5	312	PIPH1	0	0	0	0	85	33.5	2090	45	113	200	2.511	0.565	0.225	6.1	24.40
4299	40.7957	117.2319	-178.4	327	PIPH1	0	0	0	0	84	33.8	2233	47	108	166	2.298	0.651	0.283	6.1	24.40
4300	40.7961	117.2319	-185.7	343	PIPH1	0	0	0	0	78	34.1	2341	42	176	167	4.190	1.054	0.251	6.1	24.42
4301	40.7965	117.2319	-186.1	327	PIPH1	0	0	0	0	74	33.8	2279	57	91	193	1.596	0.472	0.295	6.2	24.43
4302	40.7969	117.2319	-183.3	300	PIPH1	0	0	0	0	83	33.3	2139	60	129	146	2.150	0.884	0.411	6.2	24.43
4303	40.7973	117.2319	-186.7	298	PIPH1	0	0	0	0	83	30.7	2112	53	148	126	2.792	1.175	0.421	6.1	24.45
4304	40.7978	117.2319	-188.2	305	PIPH1	0	0	0	0	78	30.9	2151	56	171	131	3.054	1.305	0.427	6.1	24.45
4305	40.7982	117.2319	-182.3	310	PIPH1	0	0	0	0	85	31.0	2357	55	198	110	3.600	1.800	0.500	6.1	24.47
4306	40.7986	117.2319	-189.1	310	PIPH1	0	0	0	0	84	30.9	2239	56	144	195	2.571	0.738	0.287	6.1	24.48
4307	40.7990	117.2319	-186.0	317	PIPH1	0	0	0	0	66	31.1	2190	48	92	206	1.917	0.447	0.233	6.1	24.49
4308	40.7994	117.2319	-187.9	319	PIPH1	0	0	0	0	78	31.1	2485	55	205	97	3.727	2.113	0.567	6.1	24.50
4309	40.7998	117.2319	-189.7	312	PIPH1	0	0	0	0	82	31.0	2219	39	170	179	4.359	0.950	0.218	6.2	24.51
4310	40.8002	117.2319	-193.2	306	PIPH1	0	0	0	0	68	30.9	2125	44	143	183	3.250	0.781	0.240	6.2	24.52
4311	40.8006	117.2319	-190.5	308	PIPH1	0	0	0	0	85	30.9	2180	39	157	208	4.026	0.755	0.188	6.1	24.53
4312	40.8011	117.2319	-189.2	309	PIPH1	0	0	0	0	82	30.9	2275	43	174	109	4.047	1.596	0.394	6.2	24.54
4313	40.8015	117.2319	-187.4	313	PIPH1	0	0	0	0	68	31.0	2435	69	209	131	3.029	1.595	0.527	6.1	24.55
4314	40.8019	117.2319	-182.6	315	PIPH1	0	0	0	0	77	31.0	2241	52	128	170	2.462	0.753	0.306	6.2	24.56
4315	40.8023	117.2319	-176.5	321	PIPH1	0	0	0	0	78	31.1	2160	53	157	155	2.962	1.013	0.342	6.2	24.57
4316	40.8027	117.2319	-174.7	322	PIPH1	0	0	0	0	82	31.2	2421	50	128	183	2.560	0.699	0.273	6.2	24.58
4317	40.8031	117.2319	-171.4	325	PIPH1	0	0	0	0	74	31.2	2347	67	159	168	2.373	0.946	0.399	6.2	24.58
4318	40.8035	117.2319	-170.7	322	PIPH1	0	0	0	0	83	31.2	2330	59	78	199	1.322	0.392	0.296	6.2	24.59
4319	40.8039	117.2319	-170.6	323	PIPH1	0	0	0	0	81	31.2	2237	56	185	151	3.304	1.225	0.371	6.1	24.60
4320	40.8043	117.2319	-171.1	321	PIPH1	0	0	0	0	78	31.1	2230	49	192	157	3.918	1.223	0.312	6.1	24.61
4321	40.8048	117.2319	-174.1	323	PIPH1	0	0	0	0	70	31.2	2222	38	223	174	5.868	1.282	0.218	6.1	24.61
4322	40.8052	117.2319	-185.3	318	PIPH1	0	0	0	0	82	25.7	2654	56	183	167	3.268	1.096	0.335	6.1	24.62
4323	40.8056	117.2319	-185.3	319	PIPH1	0	0	0	0	77	25.8	2289	60	148	169	2.467	0.876	0.355	6.1	24.63

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4324	40.8060	117.2319	-192.6	315	PIPH1	0	0	0	0	79	25.7	2399	70	118	192	1.686	0.615	0.365	6.1	24.64
4325	40.8064	117.2319	-195.3	314	QOA1	0	0	0	0	76	25.7	2425	62	190	173	3.065	1.098	0.358	6.1	24.64
4326	40.8068	117.2319	-195.0	310	QOA1	0	0	0	0	79	25.6	2371	60	178	169	2.967	1.053	0.355	6.0	24.65
4327	40.8072	117.2319	-196.0	313	QOA1	0	0	0	0	77	25.7	2418	52	213	168	4.096	1.268	0.310	6.0	24.66
4328	40.8076	117.2319	-197.7	311	QOA1	0	0	0	0	87	25.6	2458	57	110	228	1.930	0.482	0.250	6.0	24.66
4329	40.8081	117.2319	-198.9	314	QOA1	0	0	0	0	79	25.7	2451	70	144	177	2.057	0.814	0.395	6.0	24.67
4330	40.8085	117.2319	-199.4	315	QOA1	0	0	0	0	75	25.7	2263	65	166	154	2.554	1.078	0.422	6.0	24.67
4331	40.8089	117.2319	-205.6	316	QOA1	0	0	0	0	77	25.7	2279	62	169	167	2.726	1.012	0.371	6.0	24.68
4332	40.8093	117.2319	-209.6	316	QOA1	0	0	0	0	68	25.7	2298	56	172	159	3.071	1.082	0.352	6.0	24.68
4333	40.8098	117.2319	-211.3	319	QOA1	0	0	0	0	78	25.8	2238	69	80	222	1.159	0.360	0.311	6.1	24.68
4334	40.8104	117.2319	-216.6	322	QOA1	0	0	0	0	74	25.8	2279	57	103	217	1.807	0.475	0.263	6.1	24.69
4335	40.8109	117.2319	-219.8	325	QOA1	0	0	0	0	74	25.8	2424	49	214	159	4.367	1.346	0.308	6.1	24.69
4336	40.8114	117.2320	-228.6	328	QOA1	0	0	0	0	76	25.9	2253	71	120	202	1.690	0.594	0.351	6.1	24.69
4337	40.8120	117.2320	-234.9	331	QOA1	0	0	0	0	76	25.9	2222	72	195	133	2.708	1.466	0.541	6.1	24.69
4338	40.8125	117.2320	-228.7	331	QOA1	0	0	0	0	70	25.9	2262	47	158	153	3.362	1.033	0.307	6.2	24.69
4339	40.8130	117.2320	-206.5	324	QOA1	0	0	0	0	84	25.8	2178	55	123	202	2.236	0.609	0.272	6.2	24.69
4340	40.8136	117.2321	-189.8	321	QOA1	0	0	0	0	77	25.8	2143	68	124	168	1.824	0.738	0.405	6.2	24.70
4341	40.8141	117.2321	-183.9	319	QOA1	0	0	0	0	81	15.8	2188	52	106	238	2.038	0.445	0.218	6.2	24.69
4342	40.8146	117.2321	-182.2	316	QOA1	0	0	0	0	71	15.8	2211	53	180	205	3.396	0.878	0.259	6.2	24.70
4343	40.8152	117.2321	-185.0	314	QOA1	0	0	0	0	69	15.8	2360	76	108	201	1.421	0.537	0.378	6.2	24.71
4344	40.8157	117.2321	-188.2	315	QOA1	0	0	0	0	72	15.8	2187	62	192	159	3.097	1.208	0.390	6.2	24.71
4345	40.8163	117.2322	-191.5	319	QOA1	0	0	0	0	75	15.8	2214	62	139	172	2.242	0.808	0.360	6.2	24.72
4346	40.8168	117.2322	-197.0	326	QOA1	0	0	0	0	78	15.9	2172	44	228	159	5.182	1.434	0.277	6.2	24.71
4347	40.8173	117.2322	-199.3	323	QOA1	0	0	0	0	73	15.9	2351	55	231	132	4.200	1.750	0.417	6.2	24.72
4348	40.8179	117.2322	-208.0	330	QOA1	0	0	0	0	73	15.9	2399	41	208	164	5.073	1.268	0.250	6.2	24.72
4349	40.8184	117.2322	-212.8	325	QOA1	0	0	0	0	80	15.9	2233	44	169	214	3.841	0.790	0.206	6.2	24.72
4350	40.8189	117.2323	-213.6	327	QOA1	0	0	0	0	78	15.9	2428	53	183	161	3.453	1.137	0.329	6.2	24.72
4351	40.8195	117.2323	-215.6	326	QOA1	0	0	0	0	68	15.9	2213	61	173	164	2.836	1.055	0.372	6.2	24.72
4352	40.8200	117.2323	-219.4	328	QOA1	0	0	0	0	79	15.9	2238	56	180	169	3.214	1.065	0.331	6.1	24.72
4353	40.8205	117.2323	-218.2	329	QOA1	0	0	0	0	82	15.9	2316	65	149	156	2.292	0.955	0.417	6.1	24.73
4354	40.8211	117.2324	-220.2	333	QOA1	0	0	0	0	73	15.9	2317	65	171	188	2.631	0.910	0.346	6.1	24.73
4355	40.8216	117.2324	-215.7	333	QOA1	0	0	0	0	80	15.9	2333	61	135	205	2.213	0.659	0.298	6.1	24.73
4356	40.8221	117.2324	-211.5	339	QOA1	0	0	0	0	79	16.0	2446	44	197	156	4.477	1.263	0.282	6.1	24.73
4357	40.8227	117.2324	-206.4	345	QOA1	0	0	0	0	73	16.0	2182	61	139	202	2.279	0.688	0.302	6.1	24.73
4358	40.8232	117.2324	-205.7	344	QOA1	0	0	0	0	68	16.0	2212	51	232	122	4.549	1.902	0.418	6.1	24.73
4359	40.8237	117.2325	-208.5	345	QOA1	0	0	0	0	77	16.0	2357	39	252	139	6.462	1.813	0.281	6.1	24.74
4360	40.8243	117.2325	-209.3	347	QOA1	0	0	0	0	78	23.0	2177	68	112	180	1.647	0.622	0.378	6.1	24.73
4361	40.8248	117.2325	-215.1	343	QOA1	0	0	0	0	73	22.9	2320	55	140	178	2.545	0.787	0.309	6.1	24.74
4362	40.8253	117.2325	-218.1	345	QOA1	0	0	0	0	71	23.0	2169	61	177	120	2.902	1.475	0.508	6.1	24.73
4363	40.8259	117.2326	-220.9	348	QOA1	0	0	0	0	78	23.0	2393	53	119	184	2.245	0.647	0.288	6.1	24.74
4364	40.8264	117.2326	-221.9	350	QOA1	0	0	0	0	78	23.0	2334	46	149	193	3.239	0.772	0.238	6.1	24.74
4365	40.8270	117.2326	-222.4	355	QOA1	0	0	0	0	84	23.1	2244	52	135	198	2.596	0.682	0.263	6.1	24.74
4366	40.8275	117.2326	-221.6	358	QOA1	0	0	0	0	72	23.1	2347	55	141	235	2.564	0.600	0.234	6.1	24.74
4367	40.8280	117.232[illegible]	-223.4	362	QOA1	0	0	0	0	72	23.2	2438	69	131	185	1.899	0.708	0.373	6.1	24.73
4368	40.8286	117.232[illegible]	-225.7	363	QOA1	0	0	0	0	75	23.2	2257	53	165	150	3.113	1.100	0.353	6.2	24.74
4369	40.8291	117.2327	-226.2	363	QOA1	0	0	0	0	78	23.2	2315	55	173	150	3.145	1.153	0.367	6.2	24.74
4370	40.8296	117.2327	-225.5	359	QOA1	0	0	0	0	84	23.1	2433	61	168	183	2.754	0.918	0.333	6.1	24.74
4371	40.8302	117.2327	-227.8	361	QOA1	0	0	0	0	75	23.2	2339	65	139	162	2.138	0.858	0.401	6.2	24.75
4372	40.8307	117.2328	-228.4	352	QOA1	0	0	0	0	69	23.1	2231	68	162	164	2.382	0.988	0.415	6.2	24.75
4373	40.8312	117.2328	-227.7	353	QOA1	0	0	0	0	78	23.1	2446	67	251	129	3.746	1.946	0.519	6.2	24.75
4374	40.8318	117.2328	-228.7	348	QOA1	0	0	0	0	68	23.0	2434	48	268	157	5.583	1.707	0.306	6.2	24.76
4375	40.8323	117.2328	-229.8	350	QOA1	0	0	0	0	82	23.0	2563	59	151	188	2.559	0.803	0.314	6.2	24.77
4376	40.8328	117.2328	-229.3	346	QOA1	0	0	0	0	77	23.0	2549	67	214	147	3.194	1.456	0.456	6.2	24.77
4377	40.8334	117.2329	-230.3	350	QOA1	0	0	0	0	76	23.0	2511	54	125	213	2.315	0.587	0.254	6.2	24.77

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4378	40.8339	117.2329	-230.4	347	QOA1	0	0	0	0	75	23.0	2353	71	74	201	1.042	0.368	0.353	6.2	24.77
4379	40.8344	117.2329	-232.1	353	QOA1	0	0	0	0	76	31.3	2441	60	168	202	2.800	0.832	0.297	6.2	24.77
4380	40.8350	117.2329	-235.7	353	QOA1	0	0	0	0	84	31.2	2450	77	150	167	1.948	0.898	0.461	6.2	24.78
4381	40.8355	117.2330	-236.4	356	QOA1	0	0	0	0	74	31.3	2341	66	195	159	2.955	1.226	0.415	6.2	24.78
4382	40.8361	117.2330	-236.0	350	QOA1	0	0	0	0	83	31.2	2349	61	158	160	2.590	0.987	0.381	6.2	24.78
4383	40.8366	117.2330	-238.3	351	QOA1	0	0	0	0	66	31.2	2516	70	153	186	2.186	0.823	0.376	6.2	24.78
4384	40.8371	117.2330	-237.6	351	QOA1	0	0	0	0	64	31.2	2374	82	185	147	2.256	1.259	0.558	6.2	24.78
4385	40.8377	117.2330	-237.6	355	QOA1	0	0	0	0	74	31.3	2366	59	178	194	3.017	0.918	0.304	6.1	24.78
4386	40.8382	117.2331	-232.6	360	QOA1	0	0	0	0	76	31.4	2490	71	138	199	1.944	0.693	0.357	6.1	24.78
4387	40.8387	117.2331	-234.3	366	QOA1	0	0	0	0	76	31.5	2393	68	183	161	2.691	1.137	0.422	6.1	24.78
4388	40.8393	117.2331	-233.0	372	QOA1	0	0	0	0	78	31.6	2277	45	189	160	4.200	1.181	0.281	6.1	24.78
4389	40.8398	117.2331	-232.8	369	QOA1	0	0	0	0	80	31.5	2261	61	177	139	2.902	1.273	0.439	6.1	24.78
4390	40.8403	117.2332	-232.7	365	QOA1	0	0	0	0	73	31.5	2427	80	135	161	1.688	0.839	0.497	6.2	24.79
4391	40.8409	117.2332	-235.4	363	QOA1	0	0	0	0	66	31.4	2336	50	187	190	3.740	0.984	0.263	6.2	24.79
4392	40.8414	117.2332	-234.0	363	QOA1	0	0	0	0	77	31.4	2383	68	197	176	2.897	1.119	0.386	6.2	24.79
4393	40.8419	117.2332	-233.0	363	QOA1	0	0	0	0	70	31.4	2433	65	205	187	3.154	1.096	0.348	6.2	24.80
4394	40.8423	117.2332	-234.5	369	QOA1	0	0	0	0	82	31.5	2453	81	87	209	1.074	0.416	0.388	6.2	24.80
4395	40.8428	117.2332	-235.0	366	QYA	0	0	0	0	71	31.5	2638	61	142	241	2.328	0.589	0.253	6.2	24.80
4396	40.8433	117.2331	-237.7	365	QYA	0	0	0	0	79	31.5	2410	51	198	150	3.882	1.320	0.340	6.2	24.80
4397	40.8437	117.2331	-236.2	365	QYA	0	0	0	0	70	31.4	2499	47	198	180	4.213	1.100	0.261	6.2	24.80
4398	40.8442	117.2331	-236.2	373	QYA	0	0	0	0	63	32.6	2468	69	174	193	2.522	0.902	0.358	6.2	24.80
4399	40.8447	117.2331	-235.9	375	QYA	0	0	0	0	75	32.7	2443	56	166	217	2.964	0.765	0.258	6.3	24.80
4400	40.8451	117.2331	-228.2	377	QYA	0	0	0	0	76	32.7	2505	52	156	203	3.000	0.768	0.256	6.3	24.80
4401	40.8456	117.2331	-229.5	369	QYA	0	0	0	0	75	32.6	2554	55	171	202	3.109	0.847	0.272	6.3	24.80
4402	40.8461	117.2331	-226.2	369	QYA	0	0	0	0	83	32.6	2875	60	129	239	2.150	0.540	0.251	6.4	24.81
4403	40.8465	117.2331	-223.5	365	QYA	0	0	0	0	87	32.5	2519	40	181	210	4.525	0.862	0.190	6.4	24.81
4404	40.8470	117.2330	-219.2	370	QYA	0	0	0	0	80	32.6	2528	53	107	261	2.019	0.410	0.203	6.4	24.81
4405	40.8475	117.2330	-219.0	369	QYA	0	0	0	0	74	32.6	2704	61	177	219	2.902	0.808	0.279	6.5	24.81
4406	40.8479	117.2330	-216.7	374	QYA	0	0	0	0	78	32.6	2562	58	152	253	2.621	0.601	0.229	6.5	24.81
4407	40.8484	117.2330	-208.5	371	QYA	0	0	0	0	84	32.6	2470	44	235	180	5.341	1.306	0.244	6.6	24.82
4408	40.8488	117.2330	-209.2	372	QYA	0	0	0	0	83	32.6	2764	52	131	244	2.519	0.537	0.213	6.6	24.82
4409	40.8493	117.2330	-209.5	371	QYA	0	0	0	0	80	32.6	2667	41	226	215	5.512	1.051	0.191	6.6	24.82
4410	40.8498	117.2330	-204.5	371	QYA	0	0	0	0	71	32.6	2455	66	204	191	3.091	1.068	0.346	6.7	24.82
4411	40.8502	117.2329	-203.3	369	QYA	0	0	0	0	78	32.6	2546	72	134	237	1.861	0.565	0.304	6.7	24.82
4412	40.8507	117.2329	-202.8	368	QYA	0	0	0	0	78	32.5	2468	54	197	193	3.648	1.021	0.280	6.8	24.82
4413	40.8512	117.2329	-211.5	367	QYA	0	0	0	0	77	32.5	2524	54	233	162	4.315	1.438	0.333	6.8	24.83
4414	40.8516	117.2329	-214.3	366	QYA	0	0	0	0	86	32.5	2443	67	243	133	3.627	1.827	0.504	6.9	24.83
4415	40.8521	117.2329	-217.6	366	QYA	0	0	0	0	79	32.5	2584	75	84	252	1.120	0.333	0.298	6.9	24.83
4416	40.8526	117.2329	-220.1	364	QYA	0	0	0	0	75	32.5	2518	65	163	184	2.508	0.886	0.353	7.0	24.83
4417	40.8530	117.2329	-220.8	367	QYA	0	0	0	0	69	25.4	2519	78	138	230	1.769	0.600	0.339	7.0	24.83
4418	40.8535	117.2328	-219.8	366	QYA	0	0	0	0	72	25.4	2482	59	150	219	2.542	0.685	0.269	7.0	24.83
4419	40.8540	117.2328	-219.1	366	QYA	0	0	0	0	77	25.4	2445	57	137	244	2.404	0.561	0.234	7.1	24.83
4420	40.8544	117.2328	-220.1	364	QYA	0	0	0	0	69	25.4	2486	59	141	215	2.390	0.656	0.274	7.1	24.83
4421	40.8549	117.2328	-221.1	369	QYA	0	0	0	0	82	25.4	2480	50	127	260	2.540	0.488	0.192	7.2	24.83
4422	40.8554	117.2328	-221.6	366	QYA	0	0	0	0	82	25.4	2475	59	158	211	2.678	0.749	0.280	7.2	24.83
4423	40.8558	117.2328	-224.6	367	QYA	0	0	0	0	70	25.4	2567	69	169	235	2.449	0.719	0.294	7.3	24.84
4424	40.8563	117.2328	-226.4	363	QYA	0	0	0	0	80	25.4	2471	59	109	267	1.847	0.408	0.221	7.3	24.84
4425	40.8568	117.2328	-233.6	361	QYA	0	0	0	0	78	25.3	2602	52	138	198	2.654	0.697	0.263	7.3	24.84
4426	40.8572	117.2327	-237.9	360	QYA	0	0	0	0	85	25.3	2369	72	159	178	2.208	0.893	0.404	7.4	24.84
4427	40.8577	117.2327	-240.9	364	QYA	0	0	0	0	66	25.4	2467	59	237	183	4.017	1.295	0.322	7.4	24.84
4428	40.8582	117.2327	-242.4	364	QYA	0	0	0	0	71	25.4	2445	51	253	160	4.961	1.581	0.319	7.4	24.83
4429	40.8586	117.2327	-244.1	369	QYA	0	0	0	0	79	25.4	2517	77	135	200	1.753	0.675	0.385	7.4	24.84
4430	40.8591	117.2327	-244.4	365	QYA	0	0	0	0	78	25.4	2442	63	156	234	2.476	0.667	0.269	7.5	24.83
4431	40.8595	117.2327	-245.6	374	QYA	0	0	0	0	88	25.5	2404	49	238	148	4.857	1.608	0.331	7.5	24.83

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4432	40.8600	117.2327	-247.8	374	QYA	0	0	0	0	71	25.5	2497	51	197	236	3.863	0.835	0.216	7.6	24.83
4433	40.8605	117.2326	-246.3	377	QYA	0	0	0	0	80	25.6	2553	62	191	180	3.081	1.061	0.344	7.6	24.83
4434	40.8609	117.2326	-247.0	378	QYA	0	0	0	0	76	25.6	2547	57	166	244	2.912	0.680	0.234	7.7	24.83
4435	40.8614	117.2326	-248.3	376	QYA	0	0	0	0	71	25.5	2554	76	77	281	1.013	0.274	0.270	7.7	24.83
4436	40.8619	117.2326	-253.8	373	QYA	0	0	0	0	80	23.6	2612	49	164	268	3.347	0.612	0.183	7.8	24.83
4437	40.8623	117.2326	-251.1	374	QYA	0	0	0	0	70	23.6	2632	55	221	213	4.018	1.038	0.258	7.8	24.83
4438	40.8628	117.2326	-248.8	375	QYA	0	0	0	0	66	23.6	2529	84	170	170	2.024	1.000	0.494	7.9	24.83
4439	40.8633	117.2326	-251.6	371	QYA	0	0	0	0	90	23.6	2451	55	165	203	3.000	0.813	0.271	8.0	24.83
4440	40.8637	117.2326	-253.6	370	QYA	0	0	0	0	73	23.6	2464	71	158	203	2.225	0.778	0.350	8.0	24.83
4441	40.8642	117.2325	-246.1	369	QYA	0	0	0	0	82	23.6	2488	66	142	227	2.152	0.626	0.291	8.0	24.84
4442	40.8647	117.2325	-246.1	367	QYA	0	0	0	0	87	23.5	2556	42	165	227	3.929	0.727	0.185	8.0	24.84
4443	40.8651	117.2325	-250.2	364	QYA	0	0	0	0	83	23.5	2402	45	108	247	2.400	0.437	0.182	8.1	24.84
4444	40.8656	117.2325	-252.4	365	QYA	0	0	0	0	73	23.5	2330	53	174	197	3.283	0.883	0.269	8.1	24.84
4445	40.8661	117.2325	-249.7	365	QYA	0	0	0	0	77	23.5	2304	44	155	199	3.523	0.779	0.221	8.2	24.83
4446	40.8665	117.2325	-245.4	369	QYA	0	0	0	0	76	23.6	2506	48	200	177	4.167	1.130	0.271	8.2	24.83
4447	40.8670	117.2325	-243.7	368	QYA	0	0	0	0	78	23.6	2395	57	130	236	2.281	0.551	0.242	8.2	24.83
4448	40.8675	117.2325	-243.9	372	QYA	0	0	0	0	75	23.6	2476	72	159	179	2.208	0.888	0.402	8.3	24.83
4449	40.8679	117.2325	-241.9	375	QYA	0	0	0	0	86	23.6	2432	51	104	231	2.039	0.450	0.221	8.3	24.83
4450	40.8684	117.2325	-240.1	376	QYA	0	0	0	0	78	23.6	2373	47	211	196	4.489	1.077	0.240	8.3	24.83
4451	40.8689	117.2325	-237.2	374	QYA	0	0	0	0	77	23.6	2483	42	200	201	4.762	0.995	0.209	8.4	24.83
4452	40.8694	117.2325	-235.1	378	QYA	0	0	0	0	75	23.7	2358	52	138	203	2.654	0.680	0.256	8.4	24.82
4453	40.8698	117.2325	-234.6	377	QYA	0	0	0	0	82	23.7	2408	51	136	243	2.667	0.560	0.210	8.5	24.83
4454	40.8703	117.2325	-233.3	384	QYA	0	0	0	0	75	23.7	2306	52	164	174	3.154	0.943	0.299	8.6	24.83
4455	40.8708	117.2325	-231.8	382	QYA	0	0	0	0	77	27.9	2340	46	145	213	3.152	0.681	0.216	8.6	24.82
4456	40.8712	117.2325	-234.1	387	QYA	0	0	0	0	77	28.0	2419	49	181	215	3.694	0.842	0.228	8.6	24.82
4457	40.8717	117.2325	-228.8	382	QYA	0	0	0	0	67	28.0	2382	53	177	211	3.340	0.839	0.251	8.6	24.83
4458	40.8722	117.2325	-228.1	382	QYA	0	0	0	0	85	27.9	2472	66	153	176	2.318	0.869	0.375	8.6	24.83
4459	40.8727	117.2325	-226.7	376	QYA	0	0	0	0	76	27.9	2255	39	194	148	4.974	1.311	0.264	8.7	24.83
4460	40.8731	117.2325	-227.9	377	QYA	0	0	0	0	66	27.9	2337	58	109	223	1.879	0.489	0.260	8.7	24.83
4461	40.8736	117.2325	-229.2	373	QYA	0	0	0	0	76	27.8	2286	47	149	207	3.170	0.720	0.227	8.7	24.83
4462	40.8741	117.2325	-228.2	371	QYA	0	0	0	0	80	27.8	2251	49	130	154	2.653	0.844	0.318	8.7	24.84
4463	40.8746	117.2325	-229.0	369	QYA	0	0	0	0	76	27.8	2259	71	100	209	1.408	0.478	0.340	8.7	24.84
4464	40.8750	117.2325	-225.3	366	QYA	0	0	0	0	62	27.7	2316	60	111	194	1.850	0.572	0.309	8.7	24.85
4465	40.8755	117.2325	-227.8	361	QYA	0	0	0	0	83	27.7	2254	49	92	239	1.878	0.385	0.205	8.6	24.85
4466	40.8760	117.2325	-233.3	359	QYA	0	0	0	0	70	27.6	2443	38	197	208	5.184	0.947	0.183	8.6	24.85
4467	40.8764	117.2325	-237.1	356	QYA	0	0	0	0	79	27.6	2317	58	231	144	3.983	1.604	0.403	8.6	24.85
4468	40.8769	117.2325	-237.1	357	QYA	0	0	0	0	76	27.6	2333	40	230	173	5.750	1.329	0.231	8.6	24.85
4469	40.8774	117.2325	-242.9	359	QYA	0	0	0	0	77	27.6	2486	53	147	258	2.774	0.570	0.205	8.7	24.85
4470	40.8779	117.2325	-243.4	351	QYA	0	0	0	0	71	27.5	2513	66	179	199	2.712	0.899	0.332	8.7	24.85
4471	40.8783	117.2325	-241.9	348	QYA	0	0	0	0	74	27.5	2482	65	127	213	1.924	0.596	0.310	8.7	24.86
4472	40.8788	117.2325	-245.2	349	QYA	0	0	0	0	75	27.5	2442	64	166	192	2.594	0.865	0.333	8.7	24.86
4473	40.8793	117.2325	-246.7	353	QYA	0	0	0	0	79	27.5	2403	71	112	202	1.577	0.554	0.351	8.7	24.86
4474	40.8797	117.2325	-241.4	353	QYA	0	0	0	0	86	31.5	2461	56	184	213	3.286	0.864	0.263	8.6	24.86
4475	40.8802	117.2325	-235.2	355	QYA	0	0	0	0	63	31.5	2489	58	162	205	2.793	0.790	0.283	8.7	24.86
4476	40.8807	117.2325	-230.5	350	QYA	0	0	0	0	78	31.4	2531	58	181	212	3.121	0.854	0.274	8.7	24.86
4477	40.8812	117.2325	-229.6	359	QYA	0	0	0	0	81	31.6	2450	58	119	250	2.052	0.476	0.232	8.7	24.85
4478	40.8816	117.2325	-223.9	353	QYA	0	0	0	0	71	31.5	2469	53	186	189	3.509	0.934	0.280	8.8	24.85
4479	40.8821	117.2325	-223.2	354	QYA	0	0	0	0	78	31.5	2425	65	124	238	1.908	0.521	0.273	8.8	24.85
4480	40.8826	117.2325	-223.7	355	QYA	0	0	0	0	79	31.5	2329	57	158	176	2.772	0.898	0.324	8.9	24.85
4481	40.8830	117.2325	-222.9	361	QYA	0	0	0	0	78	31.6	2397	62	85	215	1.371	0.395	0.288	9.0	24.85
4482	40.8835	117.2325	-223.9	361	QYA	0	0	0	0	77	31.6	2296	46	122	226	2.652	0.540	0.204	9.0	24.84
4483	40.8840	117.2325	-224.6	363	QYA	0	0	0	0	71	31.6	2296	41	147	232	3.585	0.634	0.177	9.0	24.84
4484	40.8845	117.2325	-221.1	363	QYA	0	0	0	0	77	31.6	2304	48	157	212	3.271	0.741	0.226	9.0	24.85
4485	40.8849	117.2325	-224.1	366	QYA	0	0	0	0	75	31.7	2234	60	32	256	0.533	0.125	0.234	8.9	24.84

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4486	40.8854	117.2325	-221.9	361	QYA	0	0	0	0	63	31.6	2239	61	142	186	2.328	0.763	0.328	8.9	24.84
4487	40.8859	117.2325	-221.4	366	QYA	0	0	0	0	67	31.7	2229	54	99	202	1.833	0.490	0.267	8.9	24.84
4488	40.8863	117.2325	-218.9	368	QYA	0	0	0	0	67	31.7	2231	30	108	222	3.600	0.486	0.135	8.9	24.84
4489	40.8868	117.2325	-218.3	372	QYA	0	0	0	0	78	31.8	2330	40	105	229	2.625	0.459	0.175	8.9	24.84
4490	40.8873	117.2325	-216.3	377	QYA	0	0	0	0	73	31.9	2376	59	182	181	3.085	1.006	0.326	8.8	24.83
4491	40.8878	117.2325	-216.5	378	QYA	0	0	0	0	73	31.9	2380	33	177	190	5.364	0.932	0.174	8.7	24.83
4492	40.8882	117.2325	-212.3	382	QYA	0	0	0	0	77	31.9	2333	54	119	201	2.204	0.592	0.269	8.7	24.83
4493	40.8887	117.2325	-210.3	383	QYA	0	0	0	0	74	33.8	2171	34	163	179	4.794	0.911	0.190	8.7	24.83
4494	40.8892	117.2325	-211.0	386	QYA	0	0	0	0	80	33.8	2250	47	69	176	1.468	0.392	0.267	8.7	24.82
4495	40.8896	117.2325	-204.5	381	QYA	0	0	0	0	83	33.7	2213	41	129	182	3.146	0.709	0.225	8.6	24.82
4496	40.8901	117.2325	-201.5	383	QYA	0	0	0	0	80	33.8	2161	50	99	204	1.980	0.485	0.245	8.6	24.82
4497	40.8906	117.2325	-202.0	382	QYA	0	0	0	0	80	33.7	2261	52	95	235	1.827	0.404	0.221	8.7	24.83
4498	40.8911	117.2325	-200.0	386	QYA	0	0	0	0	77	33.8	2359	58	150	170	2.586	0.882	0.341	8.7	24.83
4499	40.8915	117.2325	-199.3	380	QYA	0	0	0	0	78	33.7	2197	48	107	199	2.229	0.538	0.241	8.7	24.82
4500	40.8920	117.2325	-197.8	387	QYA	0	0	0	0	75	33.8	2276	44	70	224	1.591	0.313	0.196	8.7	24.82
4501	40.8925	117.2325	-200.3	387	QYA	0	0	0	0	78	33.8	2257	42	134	221	3.190	0.606	0.190	8.7	24.82
4502	40.8929	117.2325	-198.7	391	QYA	0	0	0	0	69	33.9	2245	40	148	175	3.700	0.846	0.229	8.7	24.82
4503	40.8934	117.2325	-195.0	391	QYA	0	0	0	0	78	33.9	2274	50	83	206	1.660	0.403	0.243	8.6	24.82
4504	40.8939	117.2325	-191.7	395	QYA	0	0	0	0	68	34.0	2301	56	85	237	1.518	0.359	0.236	8.5	24.82
4505	40.8944	117.2324	-188.0	390	QYA	0	0	0	0	75	33.9	2243	44	110	219	2.500	0.502	0.201	8.5	24.82
4506	40.8948	117.2324	-188.5	390	QYA	0	0	0	0	73	33.9	2505	37	148	220	4.000	0.673	0.168	8.5	24.82
4507	40.8953	117.2324	-186.8	388	QYA	0	0	0	0	68	33.8	2297	41	160	202	3.902	0.792	0.203	8.5	24.82
4508	40.8958	117.2324	-184.0	392	QYA	0	0	0	0	78	33.9	2290	39	113	216	2.897	0.523	0.181	8.4	24.82
4509	40.8963	117.2324	-184.3	390	QYA	0	0	0	0	72	33.9	2366	54	103	221	1.907	0.466	0.244	8.4	24.82
4510	40.8967	117.2324	-183.3	390	QYA	0	0	0	0	71	33.9	2207	48	126	174	2.625	0.724	0.276	8.4	24.82
4511	40.8972	117.2324	-185.0	390	QYA	0	0	0	0	74	33.9	2197	46	116	204	2.522	0.569	0.225	8.3	24.82
4512	40.8977	117.2324	-185.6	388	QYA	0	0	0	0	86	33.0	2355	55	131	181	2.382	0.724	0.304	8.3	24.83
4513	40.8981	117.2324	-188.1	381	QYA	0	0	0	0	70	32.8	2210	56	113	178	2.018	0.635	0.315	8.3	24.83
4514	40.8986	117.2324	-191.6	382	QYA	0	0	0	0	72	32.9	2492	69	91	194	1.319	0.469	0.356	8.3	24.83
4515	40.8991	117.2324	-192.1	384	QYA	0	0	0	0	72	32.9	2245	51	204	132	4.000	1.545	0.386	8.3	24.83
4516	40.8996	117.2324	-196.1	383	QYA	0	0	0	0	77	32.9	2225	42	133	190	3.167	0.700	0.221	8.4	24.83
4517	40.9000	117.2324	-198.1	381	QYA	0	0	0	0	79	32.8	2327	42	134	198	3.190	0.677	0.212	8.4	24.83
4518	40.9005	117.2324	-201.2	373	QYA	0	0	0	0	78	32.7	2234	17	211	160	12.412	1.319	0.106	8.5	24.84
4519	40.9010	117.2324	-204.0	370	QYA	0	0	0	0	79	32.7	2291	57	111	185	1.947	0.600	0.308	8.5	24.84
4520	40.9014	117.2324	-207.1	361	QYA	0	0	0	0	79	32.5	2205	41	62	245	1.512	0.253	0.167	8.4	24.85
4521	40.9019	117.2324	-207.1	360	QYA	0	0	0	0	79	32.5	2247	55	158	166	2.873	0.952	0.331	8.4	24.85
4522	40.9024	117.2324	-210.6	358	QYA	0	0	0	0	79	32.4	2242	53	112	195	2.113	0.574	0.272	8.3	24.85
4523	40.9029	117.2324	-212.4	357	QYA	0	0	0	0	79	32.4	2330	60	145	187	2.417	0.775	0.321	8.3	24.85
4524	40.9033	117.2324	-218.8	359	QYA	0	0	0	0	68	32.5	2217	65	121	183	1.862	0.661	0.355	8.3	24.85
4525	40.9038	117.2324	-223.1	362	QYA	0	0	0	0	73	32.5	2342	42	117	239	2.786	0.490	0.176	8.3	24.85
4526	40.9042	117.2324	-226.3	361	QYA	0	0	0	0	79	32.5	2382	49	157	197	3.204	0.797	0.249	8.3	24.85
4527	40.9047	117.2324	-233.5	370	QYA	0	0	0	0	74	32.7	2277	41	140	213	3.415	0.657	0.192	8.3	24.85
4528	40.9051	117.2324	-239.2	371	QYA	0	0	0	0	73	32.7	2356	38	159	206	4.184	0.772	0.184	8.3	24.84
4529	40.9056	117.2324	-244.2	376	QYA	0	0	0	0	76	32.8	2252	48	94	228	1.958	0.412	0.211	8.2	24.84
4530	40.9060	117.2324	-239.2	376	QYA	0	0	0	0	72	32.8	2299	65	123	164	1.892	0.750	0.396	8.2	24.83
4531	40.9065	117.2324	-241.9	379	QYA	0	0	0	0	72	30.1	2266	43	130	187	3.023	0.695	0.230	8.1	24.83
4532	40.9069	117.2324	-238.4	374	QYA	0	0	0	0	77	30.1	2305	35	117	232	3.343	0.504	0.151	8.1	24.84
4533	40.9074	117.2324	-235.2	370	QYA	0	0	0	0	76	30.0	2457	52	132	188	2.538	0.702	0.277	8.0	24.84
4534	40.9078	117.2324	-234.7	373	QYA	0	0	0	0	83	30.1	2373	43	69	250	1.605	0.276	0.172	7.9	24.84
4535	40.9083	117.2324	-230.9	375	QYA	0	0	0	0	80	30.1	2171	49	168	151	3.429	1.113	0.325	7.9	24.84
4536	40.9087	117.2324	-230.1	373	QYA	0	0	0	0	84	30.0	2403	43	142	173	3.302	0.821	0.249	7.9	24.84
4537	40.9092	117.2324	-229.4	369	QYA	0	0	0	0	63	30.0	2423	44	146	159	3.318	0.918	0.277	7.9	24.84
4538	40.9096	117.2324	-226.6	372	QYA	0	0	0	0	78	30.0	2306	63	140	165	2.222	0.848	0.382	7.9	24.84
4539	40.9101	117.2324	-232.8	376	QYA	0	0	0	0	78	30.1	2316	53	95	222	1.792	0.428	0.239	8.0	24.84

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4540	40.9105	117.2324	-235.6	377	QYA	0	0	0	0	83	30.1	2512	60	87	194	1.450	0.448	0.309	7.9	24.84
4541	40.9110	117.2324	-241.4	371	QYA	0	0	0	0	90	30.0	2595	47	145	215	3.085	0.674	0.219	7.9	24.84
4542	40.9114	117.2324	-249.6	371	QYA	0	0	0	0	69	30.0	2347	53	65	258	1.226	0.252	0.205	8.0	24.84
4543	40.9118	117.2324	-260.1	374	QYA	0	0	0	0	68	30.1	2097	41	136	169	3.317	0.805	0.243	7.9	24.84
4544	40.9123	117.2324	-264.8	372	QYA	0	0	0	0	75	30.0	2235	52	90	249	1.731	0.361	0.209	7.9	24.84
4545	40.9127	117.2324	-261.4	368	QYA	0	0	0	0	85	30.0	2363	65	67	186	1.031	0.360	0.349	7.9	24.84
4546	40.9132	117.2324	-257.1	372	QYA	0	0	0	0	71	30.0	2206	51	84	209	1.647	0.402	0.244	8.0	24.84
4547	40.9136	117.2324	-254.3	372	QYA	0	0	0	0	71	30.0	2321	49	174	183	3.551	0.951	0.268	8.0	24.84
4548	40.9141	117.2324	-252.8	375	QYA	0	0	0	0	80	30.1	2276	44	126	232	2.864	0.543	0.190	7.9	24.84
4549	40.9145	117.2324	-242.3	373	QYA	0	0	0	0	73	30.1	2238	61	94	206	1.541	0.456	0.296	7.9	24.84
4550	40.9150	117.2324	-238.2	376	QYA	0	0	0	0	75	24.2	2213	42	108	251	2.571	0.430	0.167	7.9	24.84
4551	40.9154	117.2324	-235.0	369	QYA	0	0	0	0	64	24.1	2223	52	143	209	2.750	0.684	0.249	7.8	24.85
4552	40.9159	117.2324	-234.8	367	QYA	0	0	0	0	71	24.1	2175	46	152	192	3.304	0.792	0.240	7.8	24.85
4553	40.9163	117.2324	-236.8	367	QYA	0	0	0	0	75	24.0	2227	40	144	164	3.600	0.878	0.244	7.8	24.84
4554	40.9168	117.2324	-232.5	374	QYA	0	0	0	0	74	24.1	2080	43	160	155	3.721	1.032	0.277	7.9	24.84
4555	40.9172	117.2324	-233.5	377	QYA	0	0	0	0	75	24.2	2176	63	118	180	1.873	0.656	0.350	7.9	24.84
4556	40.9177	117.2324	-232.2	381	QYA	0	0	0	0	80	24.2	2093	61	70	179	1.148	0.391	0.341	7.9	24.83
4557	40.9181	117.2324	-233.9	378	QYA	0	0	0	0	79	24.2	2174	46	137	163	2.978	0.840	0.282	7.9	24.83
4558	40.9186	117.2324	-231.9	383	QYA	0	0	0	0	83	24.2	2109	71	49	198	0.690	0.247	0.359	7.9	24.83
4559	40.9190	117.2324	-234.9	384	QYA	0	0	0	0	77	24.3	2249	60	141	135	2.350	1.044	0.444	7.9	24.83
4560	40.9195	117.2324	-237.1	380	QYA	0	0	0	0	72	24.2	2105	54	106	171	1.963	0.620	0.316	7.9	24.84
4561	40.9199	117.2324	-235.4	376	QYA	0	0	0	0	80	24.2	2124	44	101	232	2.295	0.435	0.190	7.9	24.84
4562	40.9204	117.2324	-237.4	371	QYA	0	0	0	0	67	24.1	2252	65	49	198	0.754	0.247	0.328	7.9	24.84
4563	40.9208	117.2324	-235.5	368	QYA	0	0	0	0	81	24.1	2147	51	91	202	1.784	0.450	0.252	8.0	24.84
4564	40.9213	117.2324	-234.2	365	QYA	0	0	0	0	80	24.0	2245	65	91	209	1.400	0.435	0.311	8.0	24.85
4565	40.9217	117.2324	-231.2	369	QYA	0	0	0	0	76	24.1	2152	62	121	172	1.952	0.703	0.360	7.9	24.85
4566	40.9222	117.2324	-230.4	368	QYA	0	0	0	0	78	24.1	2127	36	132	194	3.667	0.680	0.186	7.9	24.85
4567	40.9226	117.2324	-231.7	368	QYA	0	0	0	0	76	24.1	2177	63	111	176	1.762	0.631	0.358	7.9	24.85
4568	40.9231	117.2324	-230.4	365	QYA	0	0	0	0	77	24.0	2231	64	152	129	2.375	1.178	0.496	7.9	24.85
4569	40.9235	117.2324	-231.7	365	QYA	0	0	0	0	75	26.0	2249	44	136	190	3.091	0.716	0.232	7.9	24.85
4570	40.9240	117.2324	-237.2	361	QYA	0	0	0	0	71	25.9	2254	66	108	199	1.636	0.543	0.332	7.9	24.85
4571	40.9244	117.2324	-239.2	360	QYA	0	0	0	0	75	25.9	2225	70	141	171	2.014	0.825	0.409	7.9	24.85
4572	40.9249	117.2324	-239.7	360	QYA	0	0	0	0	81	25.9	2112	58	119	162	2.052	0.735	0.358	7.9	24.85
4573	40.9253	117.2324	-241.4	364	QYA	0	0	0	0	83	26.0	2288	63	82	223	1.302	0.368	0.283	7.9	24.85
4574	40.9258	117.2324	-241.9	363	QYA	0	0	0	0	80	25.9	2283	40	141	206	3.525	0.684	0.194	7.9	24.85
4575	40.9262	117.2324	-240.2	361	QYA	0	0	0	0	76	25.9	2209	55	180	178	3.273	1.011	0.309	7.9	24.86
4576	40.9266	117.2324	-241.7	353	QYA	0	0	0	0	75	25.8	2121	46	218	142	4.739	1.535	0.324	7.8	24.86
4577	40.9271	117.2324	-235.2	352	QYA	0	0	0	0	81	25.8	2452	36	162	221	4.500	0.733	0.163	7.8	24.86
4578	40.9275	117.2324	-234.7	348	QYA	0	0	0	0	65	25.7	2198	36	182	188	5.056	0.968	0.191	7.8	24.86
4579	40.9280	117.2324	-227.0	350	QYA	0	0	0	0	76	25.8	2246	58	105	190	1.810	0.553	0.305	7.8	24.87
4580	40.9284	117.2324	-222.7	349	QYA	0	0	0	0	77	25.7	2107	65	100	175	1.538	0.571	0.371	7.8	24.86
4581	40.9289	117.2324	-187.5	351	QYA	0	0	0	0	72	25.8	2053	56	90	196	1.607	0.459	0.286	7.8	24.86
4582	40.9293	117.2324	-157.4	351	QYA	0	0	0	0	70	25.8	2211	30	140	195	4.667	0.718	0.154	7.8	24.86
4583	40.9298	117.2324	-130.7	346	QYA	0	0	0	0	77	25.7	2227	50	125	171	2.500	0.731	0.292	7.8	24.86
4584	40.9302	117.2324	-115.7	342	QYA	0	0	0	0	77	25.7	2108	51	98	182	1.922	0.538	0.280	7.8	24.87
4585	40.9307	117.2324	-128.5	343	QYA	0	0	0	0	68	25.7	2208	46	190	176	4.130	1.080	0.261	7.9	24.87
4586	40.9311	117.2324	-157.2	342	QYA	0	0	0	0	69	25.7	2143	56	181	129	3.232	1.403	0.434	7.8	24.87
4587	40.9316	117.2324	-191.0	344	QYA	0	0	0	0	72	25.7	2096	51	131	188	2.569	0.697	0.271	7.8	24.87
4588	40.9320	117.2324	-214.7	346	QYA	0	0	0	0	72	33.7	2229	52	107	208	2.058	0.514	0.250	7.8	24.87
4589	40.9325	117.2324	-226.4	344	QYA	0	0	0	0	70	33.7	2208	33	131	231	3.970	0.567	0.143	7.8	24.87
4590	40.9329	117.2324	-229.7	343	QYA	0	0	0	0	75	33.6	2221	56	172	148	3.071	1.162	0.378	7.8	24.87
4591	40.9334	117.2324	-219.5	336	QYA	0	0	0	0	68	33.5	2234	46	133	196	2.891	0.679	0.235	7.8	24.88
4592	40.9338	117.2324	-213.0	337	QYA	0	0	0	0	72	33.5	2278	46	126	224	2.739	0.563	0.205	7.8	24.88
4593	40.9343	117.2324	-200.0	333	QYA	0	0	0	0	63	33.5	2309	53	149	195	2.811	0.764	0.272	.8	24.88

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4594	40.9347	117.2324	-177.7	340	QYA	0	0	0	0	69	33.6	2295	52	150	202	2.885	0.743	0.257	7.9	24.88
4595	40.9352	117.2324	-170.0	336	QYA	0	0	0	0	77	33.5	2372	48	130	202	2.708	0.644	0.238	7.9	24.88
4596	40.9356	117.2324	-163.7	335	QYA	0	0	0	0	77	33.5	2209	54	141	181	2.611	0.779	0.298	7.9	24.88
4597	40.9361	117.2324	-162.0	330	QYA	0	0	0	0	69	33.4	2330	43	188	177	4.372	1.062	0.243	7.9	24.88
4598	40.9365	117.2324	-162.2	330	QYA	0	0	0	0	79	33.4	2114	50	112	197	2.240	0.569	0.254	7.9	24.88
4599	40.9370	117.2324	-163.7	328	QYA	0	0	0	0	81	33.4	2277	53	185	146	3.491	1.267	0.363	7.9	24.89
4600	40.9374	117.2324	-169.7	328	QYA	0	0	0	0	80	33.4	2233	59	144	178	2.441	0.809	0.331	7.9	24.88
4601	40.9379	117.2324	-180.7	323	QYA	0	0	0	0	84	33.3	2237	39	166	157	4.256	1.057	0.248	7.9	24.89
4602	40.9383	117.2324	-193.0	323	QYA	0	0	0	0	68	33.3	2197	51	206	148	4.039	1.392	0.345	7.9	24.89
4603	40.9388	117.2324	-202.5	322	QYA	0	0	0	0	80	33.3	2204	51	114	186	2.235	0.613	0.274	7.9	24.89
4604	40.9392	117.2324	-212.5	325	QYA	0	0	0	0	74	33.3	2215	42	120	198	2.857	0.606	0.212	7.9	24.89
4605	40.9397	117.2324	-220.0	324	QYA	0	0	0	0	69	33.3	2191	51	163	166	3.196	0.982	0.307	7.8	24.89
4606	40.9401	117.2324	-226.5	319	QYA	0	0	0	0	72	33.2	2150	62	43	195	0.694	0.221	0.318	7.7	24.89
4607	40.9406	117.2324	-225.2	319	QYA	0	0	0	0	76	36.8	2137	47	121	181	2.574	0.669	0.260	7.8	24.89
4608	40.9410	117.2324	-221.0	320	QYA	0	0	0	0	72	36.9	2317	49	131	161	2.673	0.814	0.304	7.8	24.89
4609	40.9414	117.2324	-215.4	328	QYA	0	0	0	0	64	37.0	2173	54	165	169	3.056	0.976	0.320	7.8	24.89
4610	40.9419	117.2324	-212.9	333	QYA	0	0	0	0	66	37.1	2106	56	97	194	1.732	0.500	0.289	7.7	24.88
4611	40.9423	117.2324	-214.3	334	QYA	0	0	0	0	63	37.1	2179	57	81	195	1.421	0.415	0.292	7.7	24.88
4612	40.9428	117.2324	-213.1	330	QYA	0	0	0	0	76	37.1	2040	53	76	174	1.434	0.437	0.305	7.6	24.88
4613	40.9432	117.2324	-217.6	326	QYA	0	0	0	0	80	37.0	2168	47	123	171	2.617	0.719	0.275	7.6	24.89
4614	40.9437	117.2324	-206.9	319	QYA	0	0	0	0	72	36.8	2218	60	97	197	1.617	0.492	0.305	7.6	24.89
4615	40.9441	117.2324	-200.4	324	QYA	0	0	0	0	87	36.9	2147	74	37	189	0.500	0.196	0.392	7.6	24.89
4616	40.9446	117.2324	-187.1	327	QYA	0	0	0	0	80	37.0	2230	44	118	173	2.682	0.682	0.254	7.6	24.89
4617	40.9450	117.2324	-175.2	340	QYA	0	0	0	0	71	37.3	2292	64	129	169	2.016	0.763	0.379	7.5	24.88
4618	40.9455	117.2324	-168.2	339	QYA	0	0	0	0	72	37.3	2198	52	112	205	2.154	0.546	0.254	7.5	24.88
4619	40.9459	117.2324	-163.2	343	QYA	0	0	0	0	68	37.3	2311	57	158	182	2.772	0.868	0.313	7.4	24.87
4620	40.9464	117.2324	-156.4	345	QYA	0	0	0	0	68	37.4	2273	64	120	165	1.875	0.727	0.388	7.4	24.87
4621	40.9468	117.2324	-156.9	348	QYA	0	0	0	0	69	37.4	2299	58	73	218	1.259	0.335	0.266	7.3	24.87
4622	40.9473	117.2324	-148.9	345	QYA	0	0	0	0	76	37.4	2356	44	163	185	3.705	0.881	0.238	7.2	24.87
4623	40.9477	117.2324	-145.4	347	QYA	0	0	0	0	71	37.4	2098	52	180	118	3.462	1.525	0.441	7.2	24.87
4624	40.9482	117.2324	-141.8	349	QYA	0	0	0	0	73	37.5	2357	43	165	145	3.837	1.138	0.297	7.2	24.87
4625	40.9486	117.2324	-137.8	352	QYA	0	0	0	0	75	37.5	2376	36	178	183	4.944	0.973	0.197	7.2	24.86
4626	40.9491	117.2324	-138.3	356	QYA	0	0	0	0	66	35.1	2261	61	104	174	1.705	0.598	0.351	7.2	24.86
4627	40.9496	117.2324	-134.8	364	QYA	0	0	0	0	76	35.2	2260	40	136	182	3.400	0.747	0.220	7.2	24.86
4628	40.9501	117.2324	-135.5	363	QYA	0	0	0	0	82	35.2	2326	42	138	164	3.286	0.841	0.256	7.2	24.86
4629	40.9506	117.2324	-142.8	362	QYA	0	0	0	0	67	35.2	2177	45	106	205	2.356	0.517	0.220	7.2	24.86
4630	40.9511	117.2324	-149.6	362	QYA	0	0	0	0	83	35.2	2155	48	147	194	3.063	0.758	0.247	7.2	24.86
4631	40.9516	117.2324	-162.1	364	QYA	0	0	0	0	78	35.2	2101	48	52	209	1.083	0.249	0.230	7.2	24.86
4632	40.9521	117.2324	-175.6	360	QYA	0	0	0	0	77	35.2	2319	17	220	138	12.941	1.594	0.123	7.2	24.86
4633	40.9526	117.2324	-192.3	364	QYA	0	0	0	0	78	35.2	2157	36	145	156	4.028	0.929	0.231	7.2	24.86
4634	40.9531	117.2325	-202.6	367	QYA	0	0	0	0	74	35.3	2255	43	109	208	2.535	0.524	0.207	7.3	24.85
4635	40.9536	117.2325	-207.3	373	QYA	0	0	0	0	77	35.4	1951	42	73	175	1.738	0.417	0.240	7.3	24.85
4636	40.9541	117.2325	-206.3	375	QYA	0	0	0	0	82	35.4	1991	60	58	159	0.967	0.365	0.377	7.3	24.84
4637	40.9545	117.2325	-211.8	376	QYA	0	0	0	0	82	35.5	1970	44	73	159	1.659	0.459	0.277	7.3	24.85
4638	40.9550	117.2325	-216.0	378	QYA	0	0	0	0	74	35.5	2009	47	128	134	2.723	0.955	0.351	7.3	24.84
4639	40.9555	117.2325	-217.3	379	QYA	0	0	0	0	70	35.5	1985	36	73	180	2.028	0.406	0.200	7.2	24.84
4640	40.9560	117.2325	-216.0	381	QYA	0	0	0	0	73	35.6	1918	32	123	146	3.844	0.842	0.219	7.2	24.84
4641	40.9565	117.2325	-214.8	380	QYA	0	0	0	0	79	35.5	1896	46	114	150	2.478	0.760	0.307	7.1	24.84
4642	40.9570	117.2325	-214.8	385	QYA	0	0	0	0	77	35.6	1839	39	126	122	3.231	1.033	0.320	7.1	24.84
4643	40.9575	117.2325	-213.1	382	QYA	0	0	0	0	73	35.6	1853	32	164	106	5.125	1.547	0.302	7.1	24.84
4644	40.9580	117.2325	-213.8	387	QYA	0	0	0	0	75	35.7	1862	34	88	138	2.588	0.638	0.246	7.1	24.84
4645	40.9585	117.2325	-213.8	384	QYA	0	0	0	0	76	27.1	1912	54	116	132	2.148	0.879	0.409	7.0	24.84
4646	40.9590	117.2325	-216.1	384	QYA	0	0	0	0	74	27.1	2015	39	143	137	3.667	1.044	0.285	6.9	24.83
4647	40.9595	117.2326	-213.9	381	QYA	0	0	0	0	70	27.0	2007	49	74	179	1.510	0.413	0.274	6.9	24.84

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4648	40.9600	117.2326	-209.4	384	QYA	0	0	0	0	72	27.1	1952	56	81	167	1.446	0.485	0.335	6.8	24.84
4649	40.9605	117.2326	-210.2	381	QYA	0	0	0	0	68	27.0	1960	52	72	168	1.385	0.429	0.310	6.7	24.84
4650	40.9610	117.2326	-205.6	384	QYA	0	0	0	0	75	27.1	1977	37	146	173	3.946	0.844	0.214	6.7	24.84
4651	40.9615	117.2326	-205.6	385	QYA	0	0	0	0	73	27.1	1980	47	108	173	2.298	0.624	0.272	6.7	24.83
4652	40.9620	117.2326	-208.5	380	QYA	0	0	0	0	71	27.0	2131	32	85	230	2.656	0.370	0.139	6.6	24.84
4653	40.9624	117.2326	-203.0	375	QYA	0	0	0	0	70	26.9	2070	49	39	207	0.796	0.188	0.237	6.6	24.85
4654	40.9629	117.2326	-202.6	371	QYA	0	0	0	0	85	26.9	2214	55	128	174	2.327	0.736	0.316	6.6	24.85
4655	40.9634	117.2326	-193.3	374	QYA	0	0	0	0	82	26.9	1989	43	127	159	2.953	0.799	0.270	6.6	24.85
4656	40.9639	117.2326	-183.9	368	QYA	0	0	0	0	86	26.9	2007	33	142	154	4.303	0.922	0.214	6.6	24.85
4657	40.9644	117.2326	-166.8	380	QYA	0	0	0	0	72	27.0	2033	53	98	161	1.849	0.609	0.329	6.6	24.85
4658	40.9649	117.2326	-157.6	376	QYA	0	0	0	0	67	27.0	2092	62	127	135	2.048	0.941	0.459	6.6	24.85
4659	40.9654	117.2327	-128.3	386	QYA	0	0	0	0	74	27.1	2085	45	193	135	4.289	1.430	0.333	6.6	24.85
4660	40.9659	117.2327	-119.9	375	QYA	0	0	0	0	74	27.0	2200	38	163	166	4.289	0.982	0.229	6.6	24.85
4661	40.9664	117.2327	-110.8	378	QYA	0	0	0	0	86	27.0	2100	36	167	169	4.639	0.988	0.213	6.6	24.85
4662	40.9669	117.2327	-107.7	373	QYA	0	0	0	0	83	26.9	2082	35	187	162	5.343	1.154	0.216	6.6	24.85
4663	40.9674	117.2327	-98.1	381	QYA	0	0	0	0	78	27.0	2147	52	156	160	3.000	0.975	0.325	6.7	24.84
4664	40.9679	117.2327	-92.4	374	QYA	0	0	0	0	77	28.9	2223	51	147	154	2.882	0.955	0.331	6.7	24.85
4665	40.9684	117.2327	-87.4	376	QYA	0	0	0	0	79	29.0	2064	42	114	178	2.714	0.640	0.236	6.7	24.85
4666	40.9689	117.2327	-86.5	371	QYA	0	0	0	0	72	28.9	2058	52	105	192	2.038	0.552	0.271	6.8	24.85
4667	40.9694	117.2327	-86.5	372	QYA	0	0	0	0	75	28.9	2040	54	66	173	1.222	0.382	0.312	6.9	24.85
4668	40.9698	117.2327	-89.3	372	QYA	0	0	0	0	78	28.9	1978	33	176	125	5.333	1.408	0.264	6.9	24.85
4669	40.9703	117.2327	-95.8	372	QYA	0	0	0	0	72	28.9	1996	53	71	170	1.340	0.418	0.312	6.9	24.85
4670	40.9708	117.2327	-99.3	370	QYA	0	0	0	0	72	28.9	2015	50	111	166	2.220	0.669	0.301	7.0	24.85
4671	40.9713	117.2327	-98.3	368	QYA	0	0	0	0	71	28.8	2061	55	136	128	2.473	1.063	0.430	7.0	24.86
4672	40.9718	117.2328	-94.7	358	QYA	0	0	0	0	74	28.7	2016	54	120	180	2.222	0.667	0.300	7.0	24.87
4673	40.9723	117.2328	-85.9	357	QYA	0	0	0	0	84	28.7	2149	57	121	172	2.123	0.703	0.331	7.1	24.86
4674	40.9728	117.2328	-76.2	358	QYA	0	0	0	0	79	28.7	2092	45	116	158	2.578	0.734	0.285	7.0	24.86
4675	40.9733	117.2328	-70.9	358	QYA	0	0	0	0	80	28.7	2145	53	63	178	1.189	0.354	0.298	7.1	24.86
4676	40.9738	117.2328	-69.5	358	QYA	0	0	0	0	70	28.7	2071	61	78	195	1.279	0.400	0.313	7.1	24.86
4677	40.9743	117.2328	-75.7	358	QYA	0	0	0	0	75	28.7	2103	47	87	171	1.851	0.509	0.275	7.1	24.86
4678	40.9748	117.2328	-83.3	356	QYA	0	0	0	0	78	28.7	1982	53	154	102	2.906	1.510	0.520	7.1	24.86
4679	40.9753	117.2328	-91.8	356	QYA	0	0	0	0	76	28.7	2198	44	107	152	2.432	0.704	0.289	7.1	24.86
4680	40.9758	117.2328	-99.0	359	QYA	0	0	0	0	79	28.7	2079	56	94	160	1.679	0.587	0.350	7.1	24.86
4681	40.9763	117.2328	-101.5	359	QYA	0	0	0	0	84	28.7	2087	47	154	134	3.277	1.149	0.351	7.2	24.87
4682	40.9768	117.2328	-103.3	357	QYA	0	0	0	0	77	28.7	2193	45	174	187	3.867	0.930	0.241	7.2	24.87
4683	40.9773	117.2328	-103.3	354	QYA	0	0	0	0	80	28.8	2181	56	107	175	1.911	0.611	0.320	7.2	24.87
4684	40.9777	117.2329	-99.9	350	QYA	0	0	0	0	76	28.7	2329	54	179	166	3.315	1.078	0.325	7.2	24.88
4685	40.9782	117.2329	-77.0	338	QYA	0	0	0	0	80	28.5	2354	50	118	191	2.360	0.618	0.262	7.2	24.88
4686	40.9787	117.2329	-54.6	335	QYA	0	0	0	0	77	28.5	2342	55	107	249	1.945	0.430	0.221	7.2	24.89
4687	40.9792	117.2329	-50.9	327	QYA	0	0	0	0	65	28.4	2300	55	109	201	1.982	0.542	0.274	7.2	24.89
4688	40.9797	117.2329	-41.4	323	QYA	0	0	0	0	76	28.3	2307	66	114	212	1.727	0.538	0.311	7.2	24.90
4689	40.9802	117.2329	-32.0	316	QYA	0	0	0	0	81	28.2	2464	58	120	195	2.069	0.615	0.297	7.2	24.90
4690	40.9807	117.2329	-22.3	313	QYA	0	0	0	0	79	28.2	2290	45	149	208	3.311	0.716	0.216	7.3	24.90
4691	40.9812	117.2329	-3.5	313	QYA	0	0	0	0	75	28.1	2426	55	157	184	2.855	0.853	0.299	7.3	24.90
4692	40.9817	117.2329	19.5	321	QYA	0	0	0	0	63	28.3	2208	55	106	227	1.927	0.467	0.242	7.4	24.89
4693	40.9822	117.2329	46.4	336	QYA	0	0	0	0	70	28.5	2212	49	114	210	2.327	0.543	0.233	7.4	24.89
4694	40.9827	117.2329	69.4	338	QYA	0	0	0	0	75	28.5	2163	55	106	237	1.927	0.447	0.232	7.4	24.88
4695	40.9832	117.2329	89.1	339	QYA	0	0	0	0	69	28.6	2206	53	176	124	3.321	1.419	0.427	7.5	24.88
4696	40.9837	117.2329	98.8	331	QYA	0	0	0	0	67	28.4	2188	61	152	134	2.492	1.134	0.455	7.5	24.88
4697	40.9842	117.2330	107.3	336	QYA	0	0	0	0	81	28.5	2235	60	84	201	1.400	0.418	0.299	7.5	24.88
4698	40.9847	117.2330	88.1	338	QYA	0	0	0	0	84	28.5	2215	48	113	201	2.354	0.562	0.239	7.6	24.88
4699	40.9851	117.2330	73.6	340	QYA	0	0	0	0	89	28.6	2232	50	131	182	2.620	0.720	0.275	7.7	24.88
4700	40.9856	117.2330	70.1	342	QYA	0	0	0	0	71	28.6	2303	73	107	209	1.466	0.512	0.349	7.7	24.88
4701	40.9861	117.2330	74.5	341	QYA	0	0	0	0	69	28.6	2174	49	144	197	2.939	0.731	0.249	7.7	24.88

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4702	40.9866	117.2330	75.0	333	QYA	0	0	0	0	81	30.1	2469	45	183	209	4.067	0.876	0.215	7.8	24.88
4703	40.9871	117.2330	74.5	334	QYA	0	0	0	0	64	30.1	2577	60	186	192	3.100	0.969	0.313	7.9	24.88
4704	40.9876	117.2330	68.7	338	QYA	0	0	0	0	73	30.2	2333	34	216	204	6.353	1.059	0.167	8.0	24.88
4705	40.9881	117.2330	58.3	344	QYA	0	0	0	0	72	30.3	2360	63	141	204	2.238	0.691	0.309	8.0	24.88
4706	40.9886	117.2330	45.2	341	QYA	0	0	0	0	81	30.2	2492	71	144	135	2.028	1.067	0.526	8.0	24.88
4707	40.9891	117.2330	35.5	344	QYA	0	0	0	0	82	30.3	2420	48	161	215	3.354	0.749	0.223	8.1	24.88
4708	40.9896	117.2330	34.0	347	QYA	0	0	0	0	74	30.3	2331	60	131	201	2.183	0.652	0.299	8.1	24.87
4709	40.9901	117.2330	38.2	345	QYA	0	0	0	0	74	30.3	2322	59	126	187	2.136	0.674	0.316	8.0	24.88
4710	40.9906	117.2330	42.4	340	QYA	0	0	0	0	79	30.2	2373	55	199	192	3.618	1.036	0.286	8.0	24.88
4711	40.9911	117.2330	13.9	341	QYA	0	0	0	0	75	30.2	2365	60	124	194	2.067	0.639	0.309	8.0	24.88
4712	40.9916	117.2330	-18.6	340	QYA	0	0	0	0	65	30.2	2579	69	128	228	1.855	0.561	0.303	8.0	24.88
4713	40.9921	117.2330	-63.1	344	QYA	0	0	0	0	78	30.3	2435	74	140	217	1.892	0.645	0.341	8.0	24.88
4714	40.9926	117.2330	-102.9	342	QYA	0	0	0	0	79	30.3	2431	64	118	238	1.844	0.496	0.269	8.0	24.88
4715	40.9931	117.2330	-143.1	348	QYA	0	0	0	0	75	30.4	2395	55	93	220	1.691	0.423	0.250	7.9	24.88
4716	40.9936	117.2330	-176.7	344	QYA	0	0	0	0	80	30.3	2499	53	126	239	2.377	0.527	0.222	7.9	24.88
4717	40.9941	117.2330	-207.2	340	QYA	0	0	0	0	70	30.2	2667	60	114	282	1.900	0.404	0.213	7.8	24.88
4718	40.9946	117.2330	-229.0	339	QYA	0	0	0	0	67	30.2	2498	79	142	226	1.797	0.628	0.350	7.8	24.88
4719	40.9951	117.2330	-237.8	337	QYA	0	0	0	0	73	30.2	2565	67	143	238	2.134	0.601	0.282	7.7	24.88
4720	40.9955	117.2330	-231.6	335	QYA	0	0	0	0	76	30.2	2603	67	156	243	2.328	0.642	0.276	7.7	24.88
4721	40.9960	117.2330	-213.8	335	NA	0	0	0	0	76	30.1	2573	54	213	228	3.944	0.934	0.237	7.7	24.89
4722	40.9965	117.2330	-197.6	332	NA	0	0	0	0	78	30.1	2628	76	110	295	1.447	0.373	0.258	7.6	24.89
4723	40.9970	117.2330	-189.4	330	NA	0	0	0	0	84	30.1	3078	58	203	246	3.500	0.825	0.236	7.7	24.89
4724	40.9975	117.2330	-186.4	333	NA	0	0	0	0	76	30.1	2598	77	77	307	1.000	0.251	0.251	7.7	24.89
4725	40.9980	117.2330	-193.9	333	NA	0	0	0	0	71	30.1	2544	56	171	259	3.054	0.660	0.216	7.7	24.89
4726	40.9985	117.2330	-209.6	336	NA	0	0	0	0	72	30.2	2539	59	130	257	2.203	0.506	0.230	7.7	24.88
4727	40.9990	117.2330	-224.6	339	NA	0	0	0	0	71	30.2	2600	79	120	266	1.519	0.451	0.297	7.7	24.88
4728	40.9995	117.2330	-237.6	340	NA	0	0	0	0	80	30.2	2605	47	139	282	2.957	0.493	0.167	7.6	24.88
4729	41.0000	117.2330	-246.7	336	NA	0	0	0	0	77	30.2	2724	65	115	311	1.769	0.370	0.209	7.6	24.88
4730	41.0005	117.2330	-256.2	335	NA	0	0	0	0	76	30.1	2597	59	196	220	3.322	0.891	0.268	7.6	24.88
4731	41.0010	117.2330	-260.8	332	NA	0	0	0	0	69	30.1	2685	64	123	291	1.922	0.423	0.220	7.6	24.89
4732	41.0015	117.2330	-267.8	333	NA	0	0	0	0	78	30.1	2638	68	164	261	2.412	0.628	0.261	7.5	24.89
4733	41.0020	117.2330	-273.3	329	NA	0	0	0	0	74	30.0	2651	67	164	262	2.448	0.626	0.256	7.5	24.89
4734	41.0025	117.2330	-277.3	329	NA	0	0	0	0	76	30.0	2557	52	202	238	3.885	0.849	0.218	7.4	24.89
4735	41.0030	117.2330	-279.1	325	NA	0	0	0	0	76	30.0	2618	68	202	227	2.971	0.890	0.300	7.4	24.89
4736	41.0035	117.2330	-280.4	328	NA	0	0	0	0	76	30.0	2690	64	242	190	3.781	1.274	0.337	7.4	24.89
4737	41.0040	117.2330	-273.7	327	NA	0	0	0	0	75	30.0	2698	60	143	271	2.383	0.528	0.221	7.3	24.89
4738	41.0045	117.2330	-268.9	328	NA	0	0	0	0	75	30.0	2642	77	228	202	2.961	1.129	0.381	7.3	24.89
4739	41.0050	117.2330	-261.2	324	NA	0	0	0	0	77	30.0	2674	76	142	235	1.868	0.604	0.323	7.2	24.89
4740	41.0055	117.2330	-253.7	324	NA	0	0	0	0	70	30.0	2794	81	125	279	1.543	0.448	0.290	7.2	24.89
4741	41.0060	117.2330	-243.5	326	NA	0	0	0	0	75	30.0	2768	79	194	236	2.457	0.822	0.331	7.2	24.89
4742	41.0065	117.2330	-226.2	336	NA	0	0	0	0	76	30.2	2791	69	215	245	3.116	0.878	0.282	7.3	24.88
4743	41.0069	117.2330	-216.4	343	NA	0	0	0	0	71	30.3	2803	70	181	278	2.586	0.651	0.252	7.2	24.87
4744	41.0074	117.2330	-210.1	348	NA	0	0	0	0	75	30.4	2769	60	132	306	2.200	0.431	0.196	7.2	24.87
4745	41.0079	117.2330	-202.1	349	NA	0	0	0	0	74	30.4	2768	72	160	253	2.222	0.632	0.285	7.1	24.87
4746	41.0084	117.2330	-199.2	345	NA	0	0	0	0	76	30.3	2652	75	194	189	2.587	1.026	0.397	7.1	24.86
4747	41.0089	117.2330	-194.1	347	NA	0	0	0	0	77	30.3	2773	71	112	297	1.577	0.377	0.239	7.1	24.86
4748	41.0094	117.2330	-196.9	355	NA	0	0	0	0	76	30.5	2810	83	148	261	1.783	0.567	0.318	7.1	24.86
4749	41.0099	117.2330	-198.0	367	NA	0	0	0	0	78	30.7	2776	51	207	274	4.059	0.755	0.186	7.1	24.85
4750	41.0104	117.2330	-215.8	367	NA	0	0	0	0	70	30.7	2580	69	175	241	2.536	0.726	0.286	7.0	24.85

P
.16
.16
.16
.16
.16
.16
.17
.17
.17
.17
.17
.17
.17
.17
.16
.17
.17
.17
.17
.17
.18
.18
.19
.19
.19
.19
.19
.19
.19
.20
.20
.20
.21
.20
.20
.20
.20
.19
.19
.19
.19
.18
.18
.19
.19
.18
.18
.18
.17
.17
.18
.18
.18
.19
.19

1 GEODATA INT. INC. SINGLE REC LISTING WINNEMUCCA TIE LINE 5

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
68	41.0058	116.9931	-233.9	414	NA	0	0	0	0	62	22.4	2751	64	182	220	2.844	0.827	0.291	11.1	24.63
69	41.0058	116.9931	-232.5	410	NA	0	0	0	0	76	22.4	2771	85	108	266	1.271	0.406	0.320	15.2	24.63
70	41.0058	116.9931	-231.4	414	NA	0	0	0	0	80	22.4	2886	51	191	298	3.745	0.641	0.171	14.7	24.63
71	41.0053	116.9931	-230.2	409	NA	0	0	0	0	81	22.4	2772	77	156	247	2.026	0.632	0.312	13.3	24.64
72	41.0048	116.9931	-228.9	418	NA	0	0	0	0	68	22.5	2869	72	173	260	2.403	0.665	0.277	14.7	24.64
73	41.0044	116.9931	-228.0	431	NA	0	0	0	0	79	22.5	2876	61	220	211	3.607	1.043	0.289	15.1	24.63
74	41.0039	116.9931	-230.9	438	NA	0	0	0	0	77	22.5	2888	72	160	257	2.222	0.623	0.280	12.6	24.63
75	41.0034	116.9931	-228.4	439	NA	0	0	0	0	75	22.5	2752	64	200	208	3.125	0.962	0.308	13.1	24.63
76	41.0029	116.9931	-232.1	441	NA	0	0	0	0	73	22.5	2825	78	150	211	1.923	0.711	0.370	14.5	24.62
77	41.0024	116.9931	-235.6	445	NA	0	0	0	0	65	22.5	2870	67	180	225	2.687	0.800	0.298	18.2	24.62
78	41.0019	116.9931	-240.3	444	NA	0	0	0	0	82	22.5	2892	63	209	232	3.317	0.901	0.272	18.5	24.62
79	41.0014	116.9931	-243.6	443	NA	0	0	0	0	90	22.5	2912	49	218	261	4.449	0.835	0.188	18.5	24.61
80	41.0010	116.9931	-246.1	440	NA	0	0	0	0	75	22.5	2857	60	188	287	3.133	0.655	0.209	16.7	24.62
81	41.0005	116.9931	-248.3	438	NA	0	0	0	0	84	22.5	2904	89	130	232	1.461	0.560	0.384	18.6	24.61
82	41.0000	116.9931	-250.4	435	NA	0	0	0	0	75	22.5	2849	67	182	286	2.716	0.636	0.234	17.8	24.61
83	40.9995	116.9931	-251.8	435	NA	0	0	0	0	77	22.5	2930	61	169	292	2.770	0.579	0.209	16.5	24.61
84	40.9990	116.9931	-254.6	437	NA	0	0	0	0	69	22.5	2859	64	179	282	2.797	0.635	0.227	12.7	24.61
85	40.9985	116.9931	-258.6	432	NA	0	0	0	0	80	22.5	2562	54	192	254	3.556	0.756	0.213	9.4	24.60
86	40.9980	116.9931	-256.1	432	NA	0	0	0	0	85	22.5	2690	64	150	233	2.344	0.644	0.275	16.5	24.60
87	40.9976	116.9931	-255.6	435	NA	0	0	0	0	71	22.5	2823	66	182	232	2.758	0.784	0.284	11.4	24.60
88	40.9971	116.9931	-256.5	440	QF	0	0	0	0	75	22.5	2743	52	232	250	4.462	0.928	0.208	9.1	24.60
89	40.9966	116.9931	-254.2	451	QF	0	0	0	0	74	22.5	2791	106	105	234	0.991	0.449	0.453	11.1	24.60
90	40.9961	116.9931	-253.1	451	QF	0	0	0	0	75	22.5	2840	71	162	258	2.282	0.628	0.275	15.4	24.60
91	40.9956	116.9931	-252.1	455	QF	0	0	0	0	82	22.5	2853	69	147	252	2.130	0.583	0.274	17.1	24.60
92	40.9951	116.9932	-251.9	447	QF	0	0	0	0	78	22.5	2758	61	234	178	3.836	1.315	0.343	11.0	24.60
93	40.9946	116.9932	-249.6	450	QF	0	0	0	0	72	22.5	2774	70	176	233	2.514	0.755	0.300	14.2	24.60
94	40.9942	116.9932	-244.6	447	QF	0	0	0	0	86	22.5	2855	78	191	225	2.449	0.849	0.347	16.3	24.59
95	40.9937	116.9932	-241.1	448	QF	0	0	0	0	85	22.5	2689	83	120	208	1.446	0.577	0.399	9.2	24.59
96	40.9932	116.9932	-238.4	448	QF	0	0	0	0	79	22.5	2660	56	206	210	3.679	0.981	0.267	11.8	24.59
97	40.9927	116.9932	-232.8	455	QF	0	0	0	0	83	22.5	2712	55	166	235	3.018	0.706	0.234	16.6	24.59
98	40.9922	116.9932	-230.3	456	QF	0	0	0	0	85	22.5	2734	61	170	207	2.787	0.821	0.295	13.1	24.60
99	40.9917	116.9932	-230.0	459	QF	0	0	0	0	80	22.5	2637	87	161	197	1.851	0.817	0.442	9.6	24.60
100	40.9912	116.9932	-230.5	453	QF	0	0	0	0	73	22.5	2768	64	191	260	2.984	0.735	0.246	12.7	24.60
101	40.9908	116.9932	-228.3	449	QF	0	0	0	0	87	22.5	2694	58	189	265	3.259	0.713	0.219	18.5	24.60
102	40.9903	116.9932	-226.8	440	QF	0	0	0	0	80	22.5	2725	68	193	208	2.838	0.928	0.327	15.6	24.60
103	40.9898	116.9932	-227.8	438	QF	0	0	0	0	73	22.5	2614	65	127	250	1.954	0.508	0.260	15.4	24.61
104	40.9893	116.9932	-230.5	449	QF	0	0	0	0	84	22.5	2786	57	236	225	4.140	1.049	0.253	17.7	24.61
105	40.9888	116.9932	-227.0	450	QF	0	0	0	0	75	22.5	2808	72	153	277	2.125	0.552	0.260	15.8	24.61
106	40.9883	116.9932	-229.3	446	QF	0	0	0	0	78	15.8	2813	58	232	225	4.000	1.031	0.258	12.2	24.61
107	40.9878	116.9932	-229.1	439	QF	0	0	0	0	79	15.8	2718	42	229	246	5.452	0.931	0.171	9.7	24.61
108	40.9874	116.9932	-229.5	445	QF	0	0	0	0	84	15.8	2879	58	247	240	4.259	1.029	0.242	16.1	24.61
109	40.9869	116.9932	-225.3	441	QF	0	0	0	0	81	15.8	2599	65	195	202	3.000	0.965	0.322	11.4	24.61
110	40.9864	116.9932	-226.1	434	QF	0	0	0	0	83	15.8	2707	94	101	267	1.074	0.378	0.352	8.1	24.62
111	40.9859	116.9932	-222.8	427	QF	0	0	0	0	75	15.8	2742	71	149	287	2.099	0.519	0.247	13.0	24.62
112	40.9854	116.9932	-220.8	428	QF	0	0	0	0	85	15.8	2874	67	189	260	2.821	0.727	0.258	16.0	24.62
113	40.9849	116.9932	-221.1	419	QF	0	0	0	0	69	15.8	2729	69	165	278	2.391	0.594	0.248	13.6	24.62
114	40.9844	116.9932	-220.1	421	QF	0	0	0	0	78	15.8	2651	62	149	274	2.403	0.544	0.226	10.7	24.63
115	40.9840	116.9932	-220.1	422	QF	0	0	0	0	80	15.8	2784	58	258	193	4.448	1.337	0.301	14.9	24.62
116	40.9835	116.9932	-219.1	421	QF	0	0	0	0	78	15.8	2910	68	207	212	3.044	0.976	0.321	10.6	24.63
117	40.9830	116.9932	-219.4	413	QF	0	0	0	0	88	15.8	2696	78	175	227	2.244	0.771	0.344	13.0	24.63
118	40.9825	116.9932	-219.3	422	QF	0	0	0	0	75	15.8	2741	59	192	269	3.254	0.714	0.219	13.0	24.63
119	40.9820	116.9932	-219.6	420	QF	0	0	0	0	82	15.8	2732	83	172	245	2.072	0.702	0.339	13.0	24.63
120	40.9815	116.9932	-221.1	419	QF	0	0	0	0	77	15.8	2902	63	190	243	3.016	0.782	0.259	12.9	24.63
121	40.9810	116.9932	-221.8	417	QF	0	0	0	0	88	15.8	2772	78	213	170	2.731	1.253	0.459	12.9	24.62

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
122	40.9806	116.9932	-220.0	420	QF	0	0	0	0	70	15.8	2846	92	93	254	1.011	0.366	0.362	12.9	24.62
123	40.9801	116.9932	-221.8	422	QF	0	0	0	0	75	15.8	2858	71	209	177	2.944	1.181	0.401	12.8	24.62
124	40.9796	116.9932	-222.0	428	QF	0	0	0	0	77	15.8	2900	80	189	235	2.363	0.804	0.340	12.8	24.62
125	40.9791	116.9932	-223.2	430	QF	0	0	0	0	80	19.4	2816	67	182	256	2.716	0.711	0.262	12.7	24.62
126	40.9786	116.9932	-221.1	436	QF	0	0	0	0	84	19.4	2805	68	147	265	2.162	0.555	0.257	12.6	24.62
127	40.9781	116.9932	-223.0	443	QF	0	0	0	0	82	19.4	2898	80	150	262	1.875	0.573	0.305	12.5	24.62
128	40.9776	116.9932	-224.0	445	QF	0	0	0	0	88	19.4	2871	84	111	225	1.321	0.493	0.373	12.4	24.62
129	40.9772	116.9932	-223.2	451	QF	0	0	0	0	76	19.4	2953	83	183	245	2.205	0.747	0.339	12.3	24.62
130	40.9767	116.9932	-222.5	450	QF	0	0	0	0	88	19.4	2894	77	167	260	2.169	0.642	0.296	12.3	24.62
131	40.9762	116.9932	-222.1	457	QF	0	0	0	0	82	19.4	2912	90	109	278	1.211	0.392	0.324	12.2	24.62
132	40.9757	116.9932	-222.4	451	QF	0	0	0	0	83	19.4	3204	79	214	264	2.709	0.811	0.299	12.1	24.62
133	40.9752	116.9932	-222.6	452	QF	0	0	0	0	76	19.4	12021	48	113	177	2.354	0.638	0.271	12.0	24.63
134	40.9747	116.9932	-225.7	444	QF	0	0	0	0	75	19.4	3036	86	233	229	2.709	1.017	0.376	12.0	24.63
135	40.9742	116.9932	-225.4	445	QF	0	0	0	0	76	19.4	3056	84	198	224	2.357	0.884	0.375	12.0	24.63
136	40.9738	116.9932	-226.5	436	QF	0	0	0	0	73	19.4	2946	95	129	277	1.358	0.466	0.343	11.9	24.64
137	40.9733	116.9932	-226.2	438	QF	0	0	0	0	77	19.4	2984	64	192	286	3.000	0.671	0.224	11.8	24.64
138	40.9728	116.9932	-227.2	433	QF	0	0	0	0	75	19.4	2977	73	247	193	3.384	1.280	0.378	11.9	24.64
139	40.9723	116.9932	-228.0	433	QF	0	0	0	0	76	19.4	2917	88	233	218	2.648	1.069	0.404	11.9	24.64
140	40.9718	116.9932	-227.8	422	QF	0	0	0	0	81	19.4	2841	65	239	233	3.677	1.026	0.279	11.9	24.65
141	40.9713	116.9932	-229.4	410	QF	0	0	0	0	82	19.4	2800	82	165	247	2.012	0.668	0.332	11.8	24.65
142	40.9708	116.9932	-230.7	402	QF	0	0	0	0	74	19.4	2699	79	140	222	1.772	0.631	0.356	11.8	24.66
143	40.9704	116.9932	-230.7	398	QF	0	0	0	0	83	19.4	2911	75	143	306	1.907	0.467	0.245	11.8	24.66
144	40.9699	116.9933	-228.3	393	QF	0	0	0	0	75	26.5	2707	74	222	215	3.000	1.033	0.344	11.7	24.66
145	40.9694	116.9933	-231.3	389	QF	0	0	0	0	69	26.5	2958	84	181	244	2.155	0.742	0.344	11.7	24.67
146	40.9689	116.9933	-229.3	383	QF	0	0	0	0	70	26.4	2862	73	167	272	2.288	0.614	0.268	11.8	24.67
147	40.9684	116.9933	-230.1	381	QF	0	0	0	0	78	26.4	2773	65	207	213	3.185	0.972	0.305	11.8	24.68
148	40.9679	116.9933	-230.9	375	QF	0	0	0	0	80	26.4	2838	74	167	239	2.257	0.699	0.310	11.8	24.69
149	40.9674	116.9933	-228.9	370	QF	0	0	0	0	80	26.4	2953	61	193	277	3.164	0.697	0.220	11.8	24.69
150	40.9670	116.9933	-228.9	363	QF	0	0	0	0	87	26.4	2848	86	176	249	2.047	0.707	0.345	11.7	24.70
151	40.9665	116.9933	-227.7	357	QF	0	0	0	0	85	26.3	2764	62	199	231	3.210	0.861	0.268	11.7	24.70
152	40.9660	116.9933	-227.2	357	QF	0	0	0	0	81	26.3	2808	70	217	239	3.100	0.908	0.293	11.6	24.70
153	40.9655	116.9933	-225.5	353	QF	0	0	0	0	79	26.3	2763	74	87	278	1.176	0.313	0.266	11.5	24.71
154	40.9650	116.9933	-224.9	356	QF	0	0	0	0	75	26.3	2822	84	129	287	1.536	0.449	0.293	11.4	24.71
155	40.9645	116.9933	-224.0	349	QF	0	0	0	0	76	26.3	2775	76	149	265	1.961	0.562	0.287	11.4	24.71
156	40.9640	116.9933	-223.3	341	QF	0	0	0	0	84	26.3	2789	53	220	229	4.151	0.961	0.231	11.4	24.72
157	40.9636	116.9933	-220.8	335	QF	0	0	0	0	82	26.3	2844	58	244	219	4.207	1.114	0.265	11.4	24.72
158	40.9631	116.9933	-218.8	338	QF	0	0	0	0	79	26.3	2924	70	189	235	2.700	0.804	0.298	11.4	24.73
159	40.9626	116.9933	-215.3	336	QF	0	0	0	0	80	26.3	2937	76	121	330	1.592	0.367	0.230	11.4	24.73
160	40.9621	116.9933	-213.3	333	QA1	0	0	0	0	81	26.2	2804	83	141	258	1.699	0.547	0.322	11.4	24.73
161	40.9616	116.9933	-214.6	326	QA1	0	0	0	0	74	26.2	2887	89	159	259	1.787	0.614	0.344	11.4	24.73
162	40.9611	116.9933	-216.3	332	QA1	0	0	0	0	65	26.2	2985	80	208	241	2.600	0.863	0.332	11.4	24.73
163	40.9606	116.9933	-213.5	337	QA1	0	0	0	0	75	33.5	2858	81	132	267	1.630	0.494	0.303	11.4	24.74
164	40.9602	116.9933	-214.0	339	QA1	0	0	0	0	82	33.6	2927	60	216	230	3.600	0.939	0.261	11.4	24.74
165	40.9597	116.9933	-216.8	324	QA1	0	0	0	0	75	33.4	2853	72	203	262	2.819	0.775	0.275	11.4	24.75
166	40.9592	116.9933	-215.9	314	QA1	0	0	0	0	85	33.3	2842	71	175	242	2.465	0.723	0.293	11.4	24.75
167	40.9587	116.9933	-216.9	308	QA1	0	0	0	0	75	33.3	2716	71	263	194	3.704	1.356	0.366	11.5	24.76
168	40.9582	116.9933	-216.5	304	QA1	0	0	0	0	75	33.3	2938	77	235	202	3.052	1.163	0.381	11.4	24.76
169	40.9577	116.9933	-217.8	299	QA1	0	0	0	0	84	33.2	2907	65	149	278	2.292	0.536	0.234	11.4	24.76
170	40.9572	116.9933	-219.0	298	QA1	0	0	0	0	74	33.2	3139	77	155	276	2.013	0.562	0.279	11.5	24.76
171	40.9568	116.9933	-218.2	299	QA1	0	0	0	0	63	33.2	2672	63	226	232	3.587	0.974	0.272	11.5	24.76
172	40.9563	116.9933	-216.2	303	QA1	0	0	0	0	85	33.2	2665	68	225	204	3.309	1.103	0.333	11.5	24.76
173	40.9558	116.9933	-215.4	305	QA1	0	0	0	0	83	33.3	2718	80	154	212	1.925	0.726	0.377	11.5	24.76
174	40.9553	116.9933	-214.2	298	QA1	0	0	0	0	80	33.2	2628	45	146	287	3.244	0.509	0.157	11.5	24.77
175	40.9548	116.9933	-218.2	297	QA1	0	0	0	0	77	33.2	2645	63	221	249	3.508	0.888	0.253	11.5	24.77

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
176	40.9543	116.9933	-218.9	296	QA1	0	0	0	0	83	33.2	2657	56	212	242	3.786	0.876	0.231	11.5	24.77
177	40.9538	116.9933	-222.7	298	QA1	0	0	0	0	78	33.2	2530	73	161	221	2.205	0.729	0.330	11.4	24.77
178	40.9534	116.9933	-220.2	298	QA1	0	0	0	0	77	33.2	2659	66	147	265	2.227	0.555	0.249	11.4	24.77
179	40.9529	116.9933	-224.6	302	QA1	0	0	0	0	78	33.2	2685	52	214	238	4.115	0.899	0.218	11.4	24.78
180	40.9524	116.9933	-226.9	300	QA1	0	0	0	0	73	33.2	2637	47	184	283	3.915	0.650	0.166	11.4	24.78
181	40.9519	116.9933	-226.6	297	QA1	0	0	0	0	65	33.2	2604	70	203	254	2.900	0.799	0.276	11.4	24.78
182	40.9514	116.9933	-226.4	290	QA1	0	0	0	0	73	28.5	2764	64	135	265	2.109	0.509	0.242	11.4	24.78
183	40.9509	116.9933	-229.2	290	QA1	0	0	0	0	72	28.5	2631	88	105	291	1.193	0.361	0.302	11.4	24.78
184	40.9504	116.9933	-231.2	286	QA1	0	0	0	0	80	28.5	2827	56	244	246	4.357	0.992	0.228	11.3	24.78
185	40.9500	116.9933	-228.6	292	QA1	0	0	0	0	83	28.5	2925	68	246	244	3.618	1.008	0.279	11.4	24.78
186	40.9495	116.9933	-226.1	287	QA1	0	0	0	0	72	28.5	2745	53	210	275	3.962	0.764	0.193	11.4	24.79
187	40.9490	116.9933	-225.7	280	QA1	0	0	0	0	86	28.4	2874	88	131	260	1.489	0.504	0.338	11.3	24.79
188	40.9485	116.9933	-222.5	275	QA1	0	0	0	0	76	28.4	2885	65	226	261	3.477	0.866	0.249	11.3	24.80
189	40.9480	116.9933	-218.8	271	QA1	0	0	0	0	63	28.4	2811	67	115	326	1.716	0.353	0.206	11.3	24.80
190	40.9475	116.9933	-217.0	266	QA1	0	0	0	0	74	28.4	2810	74	191	271	2.581	0.705	0.273	11.3	24.80
191	40.9470	116.9933	-215.3	268	QA1	0	0	0	0	80	28.4	2841	53	149	313	2.811	0.476	0.169	11.3	24.80
192	40.9466	116.9933	-215.5	266	QA1	0	0	0	0	71	28.4	2680	52	194	292	3.731	0.664	0.178	11.3	24.80
193	40.9461	116.9933	-215.2	269	QA1	0	0	0	0	72	28.4	2689	77	217	232	2.818	0.935	0.332	11.3	24.81
194	40.9456	116.9933	-215.0	269	QA1	0	0	0	0	79	28.4	2841	96	203	218	2.115	0.931	0.440	11.2	24.81
195	40.9451	116.9933	-214.2	269	QA1	0	0	0	0	80	28.4	2793	91	150	301	1.648	0.498	0.302	11.2	24.81
196	40.9446	116.9934	-213.2	261	QA1	0	0	0	0	73	28.3	2799	81	244	266	3.012	0.917	0.305	11.2	24.81
197	40.9441	116.9934	-212.0	263	QA1	0	0	0	0	85	28.3	2862	68	165	274	2.426	0.602	0.248	11.2	24.81
198	40.9436	116.9934	-209.2	266	QA1	0	0	0	0	74	28.4	2759	85	122	286	1.435	0.427	0.297	11.2	24.81
199	40.9432	116.9934	-209.2	268	QA1	0	0	0	0	79	28.4	2767	69	196	272	2.841	0.721	0.254	11.1	24.81
200	40.9427	116.9934	-209.3	275	QA1	0	0	0	0	78	28.4	2987	83	120	301	1.446	0.399	0.276	11.1	24.80
201	40.9422	116.9934	-207.6	278	QA1	0	0	0	0	76	23.1	2771	69	313	223	4.536	1.404	0.309	11.1	24.80
202	40.9417	116.9934	-208.0	284	QA1	0	0	0	0	79	23.1	2863	69	213	233	3.087	0.914	0.296	11.1	24.80
203	40.9412	116.9934	-206.2	290	QA1	0	0	0	0	80	23.1	2664	73	159	241	2.178	0.660	0.303	11.1	24.79
204	40.9407	116.9934	-206.4	294	QA1	0	0	0	0	76	23.1	2787	72	188	225	2.611	0.836	0.320	11.1	24.80
205	40.9402	116.9934	-206.1	296	QA1	0	0	0	0	79	23.1	2748	78	122	269	1.564	0.454	0.290	11.2	24.80
206	40.9398	116.9934	-206.1	299	QA1	0	0	0	0	76	23.1	2850	68	172	276	2.529	0.623	0.246	11.1	24.79
207	40.9393	116.9934	-208.6	297	QA1	0	0	0	0	72	23.1	2869	72	170	265	2.361	0.642	0.272	11.1	24.79
208	40.9388	116.9934	-208.5	307	QA1	0	0	0	0	74	23.1	2821	62	254	247	4.097	1.028	0.251	11.1	24.78
209	40.9383	116.9934	-207.9	315	QA1	0	0	0	0	80	23.2	2785	78	251	205	3.218	1.224	0.380	11.1	24.78
210	40.9378	116.9934	-205.6	324	QA1	0	0	0	0	72	23.2	2849	74	129	308	1.743	0.419	0.240	11.1	24.76
211	40.9373	116.9934	-207.8	323	QA1	0	0	0	0	82	23.2	2831	64	114	293	1.781	0.389	0.218	11.1	24.77
212	40.9368	116.9934	-205.5	325	QA1	0	0	0	0	75	23.2	2794	53	159	284	3.000	0.560	0.187	11.1	24.76
213	40.9364	116.9934	-206.3	327	QA1	0	0	0	0	77	23.2	2813	71	183	252	2.577	0.726	0.282	11.1	24.76
214	40.9359	116.9934	-206.7	335	QA1	0	0	0	0	75	23.2	2831	54	245	264	4.537	0.928	0.205	11.1	24.76
215	40.9354	116.9934	-206.2	337	QA1	0	0	0	0	73	23.2	2928	80	173	265	2.162	0.653	0.302	11.1	24.76
216	40.9349	116.9934	-204.9	340	QA1	0	0	0	0	78	23.2	2755	63	228	211	3.619	1.081	0.299	11.0	24.76
217	40.9344	116.9934	-204.6	342	QA1	0	0	0	0	80	23.2	2825	69	196	253	2.841	0.775	0.273	11.0	24.76
218	40.9339	116.9934	-204.3	344	QA1	0	0	0	0	87	23.2	2951	62	214	213	3.452	1.005	0.291	11.0	24.76
219	40.9334	116.9934	-203.0	349	QA1	0	0	0	0	72	23.2	2983	74	150	323	2.027	0.464	0.229	11.0	24.75
220	40.9330	116.9934	-202.7	351	QA1	0	0	0	0	85	18.1	2926	71	215	235	3.028	0.915	0.302	11.0	24.76
221	40.9325	116.9934	-202.5	350	QA1	0	0	0	0	86	18.1	2923	75	157	304	2.093	0.516	0.247	10.9	24.76
222	40.9320	116.9934	-203.3	346	QA1	0	0	0	0	74	18.1	2822	71	145	264	2.042	0.549	0.269	10.9	24.75
223	40.9315	116.9934	-202.5	346	QA1	0	0	0	0	79	18.1	3041	69	211	192	3.058	1.099	0.359	11.0	24.76
224	40.9310	116.9934	-201.5	338	QA1	0	0	0	0	79	18.1	2760	49	225	248	4.592	0.907	0.198	11.0	24.76
225	40.9305	116.9934	-203.5	339	QA1	0	0	0	0	81	18.1	2752	67	187	255	2.791	0.733	0.263	11.0	24.76
226	40.9300	116.9934	-202.8	333	QA1	0	0	0	0	78	18.1	2945	69	162	266	2.348	0.609	0.259	11.0	24.77
227	40.9296	116.9934	-201.5	343	QA1	0	0	0	0	82	18.1	3044	84	190	229	2.262	0.830	0.367	11.0	24.76
228	40.9291	116.9934	-199.8	335	QA1	0	0	0	0	75	18.1	2994	77	191	262	2.481	0.729	0.294	11.0	24.77
229	40.9286	116.9934	-199.3	335	QA1	0	0	0	0	82	18.1	2808	65	214	229	3.292	0.934	0.284	11.1	24.77

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
230	40.9281	116.9934	-198.0	331	QA1	0	0	0	0	78	18.1	2645	60	196	235	3.267	0.834	0.255	11.1	24.77
231	40.9276	116.9934	-198.0	332	QA1	0	0	0	0	67	18.1	2863	69	184	337	2.667	0.546	0.205	11.1	24.78
232	40.9271	116.9934	-197.3	326	QA1	0	0	0	0	60	18.1	38055	43	112	140	2.605	0.800	0.307	11.2	24.78
233	40.9266	116.9934	-198.7	329	QA1	0	0	0	0	77	18.1	2718	38	281	285	7.395	0.986	0.133	11.2	24.78
234	40.9262	116.9934	-199.8	326	QA1	0	0	0	0	83	18.1	2593	74	124	256	1.676	0.484	0.289	11.2	24.78
235	40.9257	116.9934	-201.5	329	QA1	0	0	0	0	75	18.1	2730	65	232	262	3.569	0.885	0.248	11.2	24.78
236	40.9252	116.9934	-203.0	325	QA1	0	0	0	0	75	18.1	2734	55	178	293	3.236	0.608	0.188	11.2	24.79
237	40.9247	116.9934	-204.2	328	QA1	0	0	0	0	80	18.1	2695	65	165	270	2.538	0.611	0.241	11.2	24.78
238	40.9242	116.9934	-201.5	327	QA1	0	0	0	0	76	18.1	2641	71	233	247	3.282	0.943	0.287	11.2	24.79
239	40.9237	116.9934	-202.5	326	QA1	0	0	0	0	75	19.0	2705	69	241	225	3.493	1.071	0.307	11.2	24.79
240	40.9232	116.9934	-206.0	325	QA1	0	0	0	0	83	19.0	2720	74	177	242	2.392	0.731	0.306	11.2	24.78
241	40.9228	116.9934	-205.2	325	QA1	0	0	0	0	71	19.0	2633	75	169	227	2.253	0.744	0.330	11.2	24.79
242	40.9223	116.9934	-208.9	329	QA1	0	0	0	0	74	19.0	2687	93	122	255	1.312	0.478	0.365	11.2	24.79
243	40.9218	116.9934	-211.1	331	QA1	0	0	0	0	79	19.0	2688	82	121	313	1.476	0.387	0.262	11.2	24.78
244	40.9213	116.9934	-211.3	333	QA1	0	0	0	0	77	19.0	2835	65	250	212	3.846	1.179	0.307	11.2	24.78
245	40.9208	116.9934	-214.1	335	QA1	0	0	0	0	68	19.0	2736	57	216	255	3.789	0.847	0.224	11.2	24.78
246	40.9203	116.9934	-216.5	336	QA1	0	0	0	0	72	19.0	2795	52	252	296	4.846	0.851	0.176	11.2	24.78
247	40.9198	116.9934	-217.0	335	QA1	0	0	0	0	73	19.0	2774	66	202	226	3.061	0.894	0.292	11.2	24.78
248	40.9194	116.9935	-215.0	340	QA1	0	0	0	0	74	19.0	2763	89	176	237	1.978	0.743	0.376	11.2	24.78
249	40.9189	116.9935	-217.2	338	QA1	0	0	0	0	70	19.0	2644	68	179	247	2.632	0.725	0.275	11.2	24.78
250	40.9184	116.9935	-218.0	338	QA1	0	0	0	0	76	19.0	2647	62	164	264	2.645	0.621	0.235	11.2	24.78
251	40.9179	116.9935	-218.7	335	QA1	0	0	0	0	80	19.0	2759	66	189	251	2.864	0.753	0.263	11.1	24.78
252	40.9174	116.9935	-219.2	340	QA1	0	0	0	0	78	19.0	2776	64	178	261	2.781	0.682	0.245	11.1	24.78
253	40.9169	116.9935	-221.7	337	QA1	0	0	0	0	75	19.0	2784	67	193	231	2.881	0.835	0.290	11.1	24.78
254	40.9164	116.9935	-218.4	338	QA1	0	0	0	0	69	19.0	2675	68	200	256	2.941	0.781	0.266	11.1	24.79
255	40.9159	116.9935	-218.0	332	QA1	0	0	0	0	64	19.0	21080	42	109	141	2.595	0.773	0.298	11.0	24.79
256	40.9155	116.9935	-218.2	335	QA1	0	0	0	0	74	19.0	2697	62	146	276	2.355	0.529	0.225	11.0	24.79
257	40.9150	116.9935	-218.0	329	QA1	0	0	0	0	78	19.0	2620	59	145	261	2.458	0.556	0.226	11.0	24.79
258	40.9145	116.9935	-216.0	328	QA1	0	0	0	0	72	20.1	2714	54	192	258	3.556	0.744	0.209	10.9	24.79
259	40.9140	116.9935	-213.3	322	QA1	0	0	0	0	72	20.1	2788	44	304	196	6.909	1.551	0.224	10.9	24.79
260	40.9135	116.9935	-213.7	326	QA1	0	0	0	0	72	20.1	2792	64	176	264	2.750	0.667	0.242	10.8	24.79
261	40.9130	116.9935	-211.2	328	QA1	0	0	0	0	73	20.1	2681	70	148	275	2.114	0.538	0.255	10.8	24.80
262	40.9125	116.9935	-210.2	329	QA1	0	0	0	0	83	20.1	2712	58	199	284	3.431	0.701	0.204	10.8	24.79
263	40.9121	116.9935	-207.9	330	QA1	0	0	0	0	77	20.1	2699	59	235	239	3.983	0.983	0.247	10.8	24.79
264	40.9116	116.9935	-208.1	337	QA1	0	0	0	0	78	20.1	2974	55	234	251	4.255	0.932	0.219	10.7	24.79
265	40.9111	116.9935	-208.1	335	QA1	0	0	0	0	74	20.1	2773	85	161	253	1.894	0.636	0.336	10.7	24.78
266	40.9105	116.9935	-207.0	337	QA1	0	0	0	0	80	20.1	3224	68	200	266	2.941	0.752	0.256	10.7	24.78
267	40.9100	116.9935	-206.0	337	QA1	0	0	0	0	74	20.1	2757	71	183	246	2.577	0.744	0.289	10.6	24.78
268	40.9095	116.9935	-206.7	338	QA1	0	0	0	0	74	20.1	2784	68	218	219	3.206	0.995	0.311	10.7	24.79
269	40.9090	116.9935	-207.7	337	QA1	0	0	0	0	78	20.1	2826	79	139	286	1.759	0.486	0.276	10.6	24.79
270	40.9085	116.9935	-208.4	333	QA1	0	0	0	0	75	20.1	2598	77	136	257	1.766	0.529	0.300	10.5	24.79
271	40.9079	116.9935	-209.1	335	QA1	0	0	0	0	81	20.1	2807	77	200	263	2.597	0.760	0.293	10.5	24.79
272	40.9074	116.9935	-209.6	334	QA1	0	0	0	0	78	20.1	2770	86	132	268	1.535	0.493	0.321	10.6	24.79
273	40.9069	116.9935	-207.1	331	QA1	0	0	0	0	73	20.1	2792	80	120	285	1.500	0.421	0.281	10.5	24.79
274	40.9064	116.9935	-205.7	323	QA1	0	0	0	0	76	20.1	2841	73	212	258	2.904	0.822	0.283	10.5	24.79
275	40.9059	116.9934	-207.9	324	QA1	0	0	0	0	83	20.1	2784	61	209	253	3.426	0.826	0.241	10.5	24.79
276	40.9054	116.9934	-207.7	318	QA1	0	1	0	0	76	20.1	32189	34	590	-8	17.353	-73.750	-4.250	10.4	24.79
277	40.9048	116.9934	-205.3	322	QA1	0	0	0	0	68	22.3	2813	56	192	309	3.429	0.621	0.181	10.4	24.79
278	40.9043	116.9934	-203.1	318	QA1	0	0	0	0	74	22.3	2979	58	123	350	2.121	0.351	0.166	10.4	24.80
279	40.9038	116.9934	-202.3	319	QA1	0	0	0	0	66	22.3	2892	59	215	255	3.644	0.843	0.231	10.4	24.79
280	40.9033	116.9934	-204.5	319	QA1	0	0	0	0	70	22.3	2911	66	160	314	2.424	0.510	0.210	10.4	24.79
281	40.9028	116.9934	-203.2	321	QA1	0	0	0	0	72	22.3	2756	89	120	262	1.348	0.458	0.340	10.4	24.79
282	40.9022	116.9934	-200.7	322	QA1	0	0	0	0	87	22.3	2760	61	159	296	2.607	0.537	0.206	10.3	24.79
283	40.9017	116.9934	-201.9	322	QA1	0	0	0	0	72	22.3	2728	85	177	259	2.082	0.683	0.328	10.3	24.79

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
284	40.9012	116.9934	-198.6	323	QA1	0	0	0	0	86	22.3	2864	51	279	242	5.471	1.153	0.211	10.3	24.79
285	40.9007	116.9934	-199.3	326	QA1	0	0	0	0	73	22.3	2800	81	131	287	1.617	0.456	0.282	10.3	24.79
286	40.9002	116.9934	-202.8	324	QA1	0	0	0	0	75	22.3	2743	84	129	282	1.536	0.457	0.298	10.3	24.79
287	40.8997	116.9934	-201.8	323	QA1	0	0	0	0	82	22.3	2673	74	272	217	3.676	1.253	0.341	10.4	24.80
288	40.8991	116.9934	-202.5	319	QA1	0	0	0	0	71	22.3	2754	65	238	264	3.662	0.902	0.246	10.4	24.80
289	40.8986	116.9934	-203.0	323	QA1	0	0	0	0	71	22.3	2743	64	189	268	2.953	0.705	0.239	10.4	24.80
290	40.8981	116.9934	-201.0	322	QA1	0	0	0	0	77	22.3	2654	57	204	262	3.579	0.779	0.218	10.4	24.80
291	40.8976	116.9934	-203.5	320	QA1	0	0	0	0	82	22.3	2677	52	192	257	3.692	0.747	0.202	10.4	24.79
292	40.8971	116.9934	-199.4	318	QA1	0	0	0	0	83	22.3	2680	63	125	294	1.984	0.425	0.214	10.4	24.80
293	40.8965	116.9934	-197.4	318	QA1	0	0	0	0	84	22.3	2738	54	220	223	4.074	0.987	0.242	10.5	24.80
294	40.8960	116.9934	-199.4	320	QA1	0	0	0	0	74	22.3	2661	55	152	274	2.764	0.555	0.201	10.4	24.80
295	40.8955	116.9934	-200.1	321	QA1	0	0	0	0	82	22.3	2743	63	184	237	2.921	0.776	0.266	10.4	24.80
296	40.8950	116.9934	-202.5	327	QA1	0	0	0	0	83	17.1	2646	61	128	314	2.098	0.408	0.194	10.4	24.79
297	40.8945	116.9934	-204.5	329	QA1	0	0	0	0	68	17.1	2636	62	153	212	2.468	0.722	0.292	10.4	24.79
298	40.8940	116.9934	-204.6	334	QA1	0	0	0	0	79	17.1	2643	68	120	250	1.765	0.480	0.272	10.4	24.79
299	40.8934	116.9934	-203.9	330	QA1	0	0	0	0	66	17.1	2600	53	222	258	4.189	0.860	0.205	10.4	24.79
300	40.8929	116.9934	-205.3	332	QA1	0	0	1	0	85	17.1	2564	67	16	319	0.239	0.050	0.210	10.4	24.79
301	40.8924	116.9934	-203.1	327	QA1	0	0	0	0	77	17.1	2826	64	182	259	2.844	0.703	0.247	10.4	24.79
302	40.8919	116.9934	-199.6	330	QA1	0	0	0	0	79	17.1	2672	36	217	277	6.028	0.783	0.130	10.5	24.79
303	40.8914	116.9934	-202.5	329	QA1	0	0	0	0	79	17.1	2646	38	168	285	4.421	0.589	0.133	10.5	24.78
304	40.8908	116.9934	-203.0	333	QA1	0	0	0	0	82	17.1	2738	75	130	262	1.733	0.496	0.286	10.5	24.79
305	40.8903	116.9934	-203.2	333	QA1	0	0	0	0	73	17.1	2572	38	144	282	3.789	0.511	0.135	10.5	24.78
306	40.8898	116.9933	-201.4	336	QA1	0	0	0	0	78	17.1	2468	48	195	215	4.063	0.907	0.223	10.5	24.79
307	40.8893	116.9933	-203.1	337	QA1	0	0	0	0	70	17.1	2710	65	156	245	2.400	0.637	0.265	10.6	24.78
308	40.8888	116.9933	-204.0	340	QA1	0	0	0	0	77	17.1	2854	66	159	256	2.409	0.621	0.258	10.6	24.78
309	40.8882	116.9933	-205.5	340	QA1	0	0	0	0	78	17.1	2905	69	182	239	2.638	0.762	0.289	10.6	24.78
310	40.8877	116.9933	-203.0	344	QA1	0	0	0	0	68	17.0	2658	54	204	273	3.778	0.747	0.198	10.6	24.77
311	40.8872	116.9933	-203.6	347	QA1	0	0	0	0	79	17.0	2811	64	175	298	2.734	0.587	0.215	10.7	24.77
312	40.8867	116.9933	-203.6	347	QA1	0	0	0	0	73	17.0	2802	65	174	270	2.677	0.644	0.241	10.7	24.77
313	40.8862	116.9933	-202.1	342	QA1	0	0	0	0	79	17.1	2924	72	175	251	2.431	0.697	0.287	10.7	24.78
314	40.8857	116.9933	-203.9	341	QA1	0	0	0	0	76	17.1	3105	62	171	292	2.758	0.586	0.212	10.7	24.77
315	40.8851	116.9933	-204.3	344	QA1	0	0	0	0	69	21.3	2832	71	174	253	2.451	0.688	0.281	10.8	24.77
316	40.8846	116.9933	-204.5	344	QA1	0	0	0	0	81	21.3	2816	73	206	213	2.822	0.967	0.343	10.8	24.77
317	40.8841	116.9933	-205.9	350	QA1	0	0	0	0	80	21.3	2573	62	155	282	2.500	0.550	0.220	10.9	24.77
318	40.8836	116.9933	-203.9	353	QA1	0	0	0	0	64	21.3	2759	56	254	222	4.536	1.144	0.252	10.9	24.77
319	40.8831	116.9933	-203.3	355	QA1	0	0	0	0	85	21.3	2830	74	134	282	1.811	0.475	0.262	10.9	24.77
320	40.8825	116.9933	-204.6	353	QA1	0	0	0	0	79	21.3	2703	72	123	289	1.708	0.426	0.249	10.9	24.77
321	40.8820	116.9933	-207.6	351	QA1	0	0	0	0	68	21.3	2772	52	179	281	3.442	0.637	0.185	10.9	24.77
322	40.8815	116.9933	-207.9	345	QA1	0	0	0	0	73	21.3	2699	64	130	288	2.031	0.451	0.222	10.9	24.77
323	40.8810	116.9933	-208.1	342	QA1	0	0	0	0	68	21.3	2783	75	118	296	1.573	0.399	0.253	10.9	24.77
324	40.8805	116.9933	-205.9	330	QA1	0	0	0	0	83	21.3	2597	44	158	269	3.591	0.587	0.164	10.9	24.77
325	40.8800	116.9933	-207.2	329	QA1	0	0	0	0	75	21.3	2761	54	180	236	3.333	0.763	0.229	10.9	24.77
326	40.8794	116.9933	-207.4	328	QA1	0	0	0	0	64	21.3	2629	78	128	255	1.641	0.502	0.306	11.0	24.77
327	40.8789	116.9933	-203.8	331	QA1	0	0	0	0	73	21.3	2714	67	182	264	2.716	0.689	0.254	11.0	24.77
328	40.8784	116.9933	-206.8	328	QA1	0	0	0	0	76	21.3	2702	72	95	263	1.319	0.361	0.274	10.9	24.78
329	40.8779	116.9933	-206.5	335	QA1	0	0	0	0	71	21.3	2829	56	257	203	4.589	1.266	0.276	11.0	24.78
330	40.8774	116.9933	-206.0	328	QA1	0	0	0	0	75	21.3	2629	51	251	234	4.922	1.073	0.218	11.0	24.79
331	40.8768	116.9933	-209.7	330	QA1	0	0	0	0	74	21.3	2830	68	160	283	2.353	0.565	0.240	11.0	24.79
332	40.8763	116.9933	-209.9	330	QA1	0	0	0	0	75	21.3	2558	69	121	282	1.754	0.429	0.245	11.0	24.79
333	40.8758	116.9933	-209.9	330	QA1	0	0	0	0	73	21.3	2812	83	125	265	1.506	0.472	0.313	11.0	24.78
334	40.8753	116.9933	-210.1	331	QA1	0	0	0	0	68	18.9	2739	65	172	264	2.646	0.652	0.246	11.0	24.79
335	40.8748	116.9933	-208.3	331	QA1	0	0	0	0	74	18.9	2919	77	164	244	2.130	0.672	0.316	11.0	24.79
336	40.8743	116.9933	-208.6	321	QA1	0	0	0	0	73	18.9	2670	59	190	261	3.220	0.728	0.226	11.0	24.79
337	40.8737	116.9932	-210.9	317	QA1	0	0	0	0	71	18.9	2835	57	150	308	2.632	0.487	0.185	11.0	24.80

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
338	40.8732	116.9932	-209.4	319	QA1	0	0	0	0	65	18.9	2763	73	216	242	2.959	0.893	0.302	11.0	24.80
339	40.8727	116.9932	-209.8	320	QA1	0	0	0	0	84	18.9	2695	49	205	281	4.184	0.730	0.174	11.0	24.79
340	40.8722	116.9932	-208.3	317	QA1	0	0	0	0	73	18.9	2707	59	184	269	3.119	0.684	0.219	11.0	24.80
341	40.8717	116.9932	-208.5	319	QA1	0	0	0	0	79	18.9	2717	69	196	263	2.841	0.745	0.262	11.0	24.80
342	40.8711	116.9932	-207.3	317	QA1	0	0	0	0	74	18.9	3020	67	233	253	3.478	0.921	0.265	11.0	24.80
343	40.8706	116.9932	-206.2	323	QA1	0	0	0	0	76	18.9	2731	53	184	261	3.472	0.705	0.203	11.0	24.80
344	40.8701	116.9932	-207.4	325	QA1	0	0	0	0	77	18.9	2769	80	210	231	2.625	0.909	0.346	11.0	24.80
345	40.8696	116.9932	-208.1	327	QA1	0	0	0	0	78	18.9	2882	66	160	302	2.424	0.530	0.219	11.0	24.80
346	40.8691	116.9932	-205.5	331	QA1	0	0	0	0	69	18.9	2685	68	158	194	2.324	0.814	0.351	11.0	24.80
347	40.8685	116.9932	-204.7	332	QA1	0	0	0	0	77	18.9	2988	61	235	240	3.852	0.979	0.254	11.0	24.80
348	40.8680	116.9932	-203.7	336	QA1	0	0	0	0	76	18.9	2808	60	181	289	3.017	0.626	0.208	11.1	24.80
349	40.8675	116.9932	-202.4	335	QA1	0	0	0	0	77	18.9	2854	62	196	287	3.161	0.683	0.216	11.1	24.79
350	40.8670	116.9932	-202.1	339	QA1	0	0	0	0	73	18.9	2750	53	270	223	5.094	1.211	0.238	11.0	24.79
351	40.8665	116.9932	-202.3	340	QA1	0	0	0	0	81	18.9	2589	82	126	274	1.537	0.460	0.299	11.1	24.79
352	40.8660	116.9932	-205.5	345	QA1	0	0	0	0	81	18.9	2629	58	235	233	4.052	1.009	0.249	11.1	24.80
353	40.8654	116.9932	-202.2	346	QA1	0	0	0	0	77	30.7	2672	64	160	246	2.500	0.650	0.260	11.1	24.79
354	40.8649	116.9932	-200.1	354	QA1	0	0	0	0	78	30.7	2423	64	157	217	2.453	0.724	0.295	11.1	24.78
355	40.8644	116.9932	-200.3	355	QA1	0	0	0	0	72	30.7	2539	66	98	293	1.485	0.334	0.225	11.0	24.78
356	40.8639	116.9932	-198.5	359	QA1	0	0	0	0	77	30.8	2676	57	143	250	2.509	0.572	0.228	11.1	24.78
357	40.8634	116.9932	-202.2	362	QA1	0	0	0	0	67	30.8	2814	71	148	270	2.085	0.548	0.263	11.0	24.77
358	40.8628	116.9932	-200.7	360	QA1	0	0	0	0	74	30.8	2613	40	189	275	4.725	0.687	0.145	11.0	24.78
359	40.8623	116.9932	-200.9	357	QA1	0	0	0	0	76	30.8	2676	50	165	295	3.300	0.559	0.169	11.1	24.78
360	40.8618	116.9932	-204.2	354	QA1	0	0	0	0	73	30.7	2753	69	195	265	2.826	0.736	0.260	11.1	24.79
361	40.8613	116.9932	-206.4	353	QA1	0	0	0	0	88	30.7	2846	75	158	246	2.107	0.642	0.305	11.1	24.78
362	40.8608	116.9932	-205.9	354	QA1	0	0	0	0	72	30.7	2693	72	209	228	2.903	0.917	0.316	11.1	24.78
363	40.8603	116.9932	-207.1	354	QA1	0	0	0	0	81	30.7	2681	62	158	291	2.548	0.543	0.213	11.2	24.79
364	40.8597	116.9932	-207.6	353	QA1	0	0	0	0	71	30.7	2681	47	256	242	5.447	1.058	0.194	11.2	24.79
365	40.8592	116.9932	-207.5	354	QA1	0	0	0	0	81	30.7	2768	58	177	261	3.052	0.678	0.222	11.1	24.79
366	40.8587	116.9932	-210.2	357	QA1	0	0	0	0	71	30.8	2694	73	80	339	1.096	0.236	0.215	11.1	24.78
367	40.8582	116.9932	-213.4	364	QA1	0	0	0	0	89	30.8	2764	58	212	251	3.655	0.845	0.231	11.1	24.78
368	40.8577	116.9932	-215.4	357	QA1	0	0	0	0	67	30.8	2754	66	161	266	2.439	0.605	0.248	11.0	24.79
369	40.8571	116.9931	-217.4	357	QA1	0	0	0	0	68	30.8	2540	66	115	304	1.742	0.378	0.217	11.0	24.79
370	40.8566	116.9931	-218.9	352	QA1	0	0	0	0	71	30.7	2590	68	132	260	1.941	0.508	0.262	11.0	24.79
371	40.8561	116.9931	-223.4	349	QA1	0	0	0	0	72	30.7	2535	74	112	242	1.514	0.463	0.306	10.9	24.80
372	40.8556	116.9931	-224.2	342	QA1	0	0	0	0	70	25.9	2574	64	162	240	2.531	0.675	0.267	10.9	24.80
373	40.8551	116.9931	-226.4	343	QA1	0	0	0	0	72	25.9	2649	57	179	273	3.140	0.656	0.209	10.9	24.80
374	40.8546	116.9931	-227.1	342	QA1	0	0	0	0	78	25.9	2582	47	235	202	5.000	1.163	0.233	10.9	24.80
375	40.8540	116.9931	-227.3	342	QA1	0	0	0	0	77	25.9	2553	54	146	246	2.704	0.593	0.220	10.9	24.80
376	40.8535	116.9931	-229.3	344	QA1	0	0	0	0	85	25.9	2599	55	197	231	3.582	0.853	0.238	10.9	24.80
377	40.8530	116.9931	-234.2	349	QA1	0	0	0	0	82	26.0	2705	59	201	258	3.466	0.779	0.225	11.0	24.79
378	40.8525	116.9931	-235.5	348	QA1	0	0	0	0	76	26.0	2477	44	175	267	3.977	0.655	0.165	11.0	24.79
379	40.8520	116.9931	-238.1	354	QA1	0	0	0	0	75	26.0	2599	80	154	224	1.925	0.688	0.357	11.0	24.79
380	40.8514	116.9931	-239.8	358	QA1	0	0	0	0	80	26.0	2548	53	60	316	1.132	0.190	0.168	11.0	24.79
381	40.8509	116.9931	-241.2	364	QA1	0	0	0	0	76	26.0	2565	54	148	250	2.741	0.592	0.216	11.0	24.78
382	40.8504	116.9931	-243.7	364	QA1	0	0	0	0	85	26.0	2550	59	154	250	2.610	0.616	0.236	11.0	24.77
383	40.8499	116.9931	-246.7	365	QA1	0	0	0	0	73	26.0	2491	45	106	298	2.356	0.356	0.151	11.0	24.78
384	40.8494	116.9931	-244.9	362	QA1	0	0	0	0	80	26.0	2462	57	96	265	1.684	0.362	0.215	11.0	24.79
385	40.8488	116.9931	-243.4	363	QA1	0	0	0	0	79	26.0	2616	56	220	229	3.929	0.961	0.245	11.0	24.78
386	40.8483	116.9931	-247.1	362	QA1	0	0	0	0	77	26.0	2602	54	214	225	3.963	0.951	0.240	11.0	24.78
387	40.8478	116.9931	-248.6	361	QA1	0	0	0	0	80	26.0	2472	46	154	250	3.348	0.616	0.184	11.0	24.79
388	40.8473	116.9931	-247.3	358	QA1	0	0	0	0	76	26.0	2424	64	144	216	2.250	0.667	0.296	11.0	24.79
389	40.8468	116.9931	-247.6	357	QA1	0	0	0	0	80	26.0	2623	63	108	283	1.714	0.382	0.223	11.0	24.79
390	40.8463	116.9931	-249.0	358	QA1	0	0	0	0	72	26.0	2499	64	161	222	2.516	0.725	0.288	11.0	24.79
391	40.8457	116.9931	-250.0	354	QA1	0	0	0	0	73	25.3	2540	50	187	250	3.740	0.748	0.200	11.0	24.79

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
392	40.8452	116.9931	-252.3	353	QA1	0	0	0	0	65	25.3	2606	58	169	262	2.914	0.645	0.221	11.0	24.80
393	40.8447	116.9931	-252.3	346	QA1	0	0	0	0	79	25.2	2642	63	110	292	1.746	0.377	0.216	11.0	24.80
394	40.8442	116.9931	-250.8	344	QA1	0	0	0	0	86	25.2	2517	41	204	212	4.976	0.962	0.193	11.0	24.80
395	40.8437	116.9931	-250.8	341	QA1	0	0	0	0	74	25.2	2424	53	201	220	3.792	0.914	0.241	11.0	24.80
396	40.8431	116.9931	-250.7	346	QA1	0	0	0	0	73	25.2	2557	49	193	203	3.939	0.951	0.241	11.0	24.80
397	40.8426	116.9931	-250.0	341	QA1	0	0	0	0	70	25.2	2489	72	76	286	1.056	0.266	0.252	11.1	24.80
398	40.8421	116.9931	-247.9	344	QA1	0	0	0	0	84	25.2	2551	51	133	259	2.608	0.514	0.197	11.1	24.80
399	40.8416	116.9931	-247.4	337	QA1	0	0	0	0	78	25.2	2423	57	152	261	2.667	0.582	0.218	11.1	24.81
400	40.8411	116.9930	-246.9	337	QA1	0	0	0	0	80	25.2	2506	52	161	238	3.096	0.676	0.218	11.1	24.81
401	40.8406	116.9930	-249.2	334	QA1	0	0	0	0	72	25.2	2511	51	140	289	2.745	0.484	0.176	11.1	24.81
402	40.8400	116.9930	-249.3	340	QA1	0	0	0	0	80	25.2	2524	51	150	272	2.941	0.551	0.188	11.2	24.80
403	40.8395	116.9930	-249.8	340	QA1	0	0	0	0	75	25.2	2505	46	153	261	3.326	0.586	0.176	11.2	24.80
404	40.8390	116.9930	-248.5	340	QA1	0	0	0	0	73	25.2	2502	65	111	270	1.708	0.411	0.241	11.2	24.80
405	40.8385	116.9930	-246.3	338	QA1	0	0	0	0	82	25.2	2747	64	101	243	1.578	0.416	0.263	11.2	24.81
406	40.8380	116.9930	-246.2	339	QA1	0	0	0	0	75	25.2	2563	49	135	259	2.755	0.521	0.189	11.3	24.81
407	40.8374	116.9930	-247.2	332	QA1	0	0	0	0	68	25.2	2690	72	118	270	1.639	0.437	0.267	11.3	24.81
408	40.8369	116.9930	-245.3	327	QA1	0	0	0	0	78	25.2	2591	57	178	235	3.123	0.757	0.243	11.3	24.82
409	40.8364	116.9930	-246.3	324	QA1	0	0	0	0	79	25.2	2619	60	126	289	2.100	0.436	0.208	11.3	24.82
410	40.8359	116.9930	-246.5	326	QA1	0	0	0	0	66	18.1	2633	71	153	248	2.155	0.617	0.286	11.3	24.82
411	40.8354	116.9930	-247.2	331	QA1	0	0	0	0	82	18.1	2670	66	115	281	1.742	0.409	0.235	11.3	24.82
412	40.8349	116.9930	-245.3	338	QA1	0	0	0	0	82	18.0	2571	60	148	257	2.467	0.576	0.233	11.3	24.81
413	40.8343	116.9930	-246.4	348	QA1	0	0	0	0	73	18.0	2575	64	136	230	2.125	0.591	0.278	11.3	24.80
414	40.8338	116.9930	-245.9	354	QA1	0	0	0	0	87	18.0	2887	57	172	271	3.018	0.635	0.210	11.3	24.80
415	40.8333	116.9930	-246.2	367	QF	0	0	0	0	81	18.0	2869	58	160	230	2.759	0.696	0.252	11.3	24.78
416	40.8328	116.9930	-245.7	371	QF	0	0	0	0	84	18.0	2848	87	113	263	1.299	0.430	0.331	11.3	24.78
417	40.8323	116.9930	-246.1	380	QF	0	0	0	0	67	18.0	2676	92	136	256	1.478	0.531	0.359	11.3	24.77
418	40.8317	116.9930	-244.8	380	QF	0	0	0	0	74	18.0	2510	55	165	267	3.000	0.618	0.206	11.3	24.77
419	40.8312	116.9930	-246.7	382	QF	0	0	0	0	73	18.0	2664	55	180	250	3.273	0.720	0.220	11.4	24.77
420	40.8307	116.9930	-248.5	374	QF	0	0	0	0	80	18.0	2664	67	151	213	2.254	0.709	0.315	11.4	24.77
421	40.8302	116.9930	-247.7	382	QF	0	0	0	0	76	18.0	2624	60	105	283	1.750	0.371	0.212	11.5	24.77
422	40.8297	116.9930	-247.2	378	QF	0	0	0	0	78	18.0	2701	72	154	249	2.139	0.618	0.289	11.5	24.76
423	40.8291	116.9930	-247.4	378	QF	0	0	0	0	78	18.0	2773	70	130	292	1.857	0.445	0.240	11.5	24.77
424	40.8286	116.9930	-248.5	368	QF	0	0	0	0	82	18.0	2575	65	165	205	2.538	0.805	0.317	11.5	24.76
425	40.8281	116.9930	-248.2	365	QF	0	0	0	0	75	18.0	2653	66	177	277	2.682	0.639	0.238	11.6	24.77
426	40.8276	116.9930	-248.9	366	QF	0	0	0	0	69	18.0	2825	82	146	269	1.780	0.543	0.305	11.6	24.77
427	40.8271	116.9930	-250.4	368	QF	0	0	0	0	73	18.0	2673	81	90	254	1.111	0.354	0.319	11.6	24.77
428	40.8265	116.9930	-248.4	359	QF	0	0	0	0	72	18.0	2606	66	154	277	2.333	0.556	0.238	11.5	24.77
429	40.8260	116.9930	-247.9	353	QF	0	0	0	0	73	18.5	2581	60	144	247	2.400	0.583	0.243	11.5	24.77
430	40.8255	116.9930	-248.8	361	QF	0	0	0	0	81	18.4	2601	53	232	218	4.377	1.064	0.243	11.5	24.77
431	40.8250	116.9929	-247.8	366	QF	0	0	0	0	68	18.4	2871	58	151	278	2.603	0.543	0.209	11.5	24.77
432	40.8245	116.9929	-250.0	369	QF	0	0	0	0	66	18.4	2576	68	161	256	2.368	0.629	0.266	11.5	24.77
433	40.8240	116.9929	-248.4	376	QF	0	0	0	0	82	18.4	2595	68	181	219	2.662	0.826	0.311	11.5	24.77
434	40.8234	116.9929	-250.8	379	QF	0	0	0	0	75	18.4	2618	50	183	228	3.660	0.803	0.219	11.6	24.76
435	40.8229	116.9929	-249.3	378	QF	0	0	0	0	60	18.4	2684	65	226	219	3.477	1.032	0.297	11.6	24.77
436	40.8224	116.9929	-247.8	375	QF	0	0	0	0	75	18.4	2726	67	214	212	3.194	1.009	0.316	11.6	24.76
437	40.8219	116.9929	-247.8	375	QF	0	0	0	0	72	18.4	2709	67	157	238	2.343	0.660	0.282	11.6	24.77
438	40.8214	116.9929	-248.4	379	QF	0	0	0	0	69	18.4	2798	81	155	249	1.914	0.622	0.325	11.6	24.77
439	40.8209	116.9929	-248.4	377	QF	0	0	0	0	77	18.4	2751	49	218	216	4.449	1.009	0.227	11.6	24.76
440	40.8203	116.9929	-249.4	379	QF	0	0	0	0	82	18.4	2622	53	170	234	3.208	0.726	0.226	11.6	24.77
441	40.8198	116.9929	-249.5	369	QF	0	0	0	0	81	18.4	2706	64	123	237	1.922	0.519	0.270	11.6	24.77
442	40.8193	116.9929	-249.7	367	QF	0	0	0	0	75	18.4	2692	66	99	304	1.500	0.326	0.217	11.6	24.78
443	40.8188	116.9929	-248.7	363	QF	0	0	0	0	78	18.4	2499	53	138	271	2.604	0.509	0.196	11.6	24.78
444	40.8183	116.9929	-250.4	365	QF	0	0	0	0	77	18.4	2620	58	85	286	1.466	0.297	0.203	11.6	24.78
445	40.8177	116.9929	-250.9	360	QF	0	0	0	0	71	18.5	2574	72	97	264	1.347	0.367	0.273	11.6	24.78

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
446	40.8172	116.9929	-248.1	364	QF	0	0	0	0	69	18.4	2596	63	265	170	4.206	1.559	0.371	11.6	24.78
447	40.8167	116.9929	-248.9	358	QF	0	0	0	0	72	18.5	2593	53	147	291	2.774	0.505	0.182	11.6	24.79
448	40.8162	116.9929	-249.8	366	QF	0	0	0	0	70	21.7	2575	58	156	236	2.690	0.661	0.246	11.6	24.79
449	40.8157	116.9929	-249.5	365	QF	0	0	0	0	85	21.7	2553	50	219	210	4.380	1.043	0.238	11.6	24.79
450	40.8152	116.9929	-250.2	371	QF	0	0	0	0	62	21.7	2534	59	189	207	3.203	0.913	0.285	11.6	24.78
451	40.8146	116.9929	-248.6	375	QF	0	0	0	0	82	21.7	2657	70	109	294	1.557	0.371	0.238	11.6	24.78
452	40.8141	116.9929	-248.3	379	QA1	0	0	0	0	76	21.7	2697	58	182	262	3.138	0.695	0.221	11.5	24.78
453	40.8136	116.9929	-250.7	381	QA1	0	0	0	0	79	21.7	2560	73	150	207	2.055	0.725	0.353	11.5	24.77
454	40.8131	116.9929	-250.1	391	QA1	0	0	0	0	72	21.7	2519	57	245	188	4.298	1.303	0.303	11.5	24.77
455	40.8126	116.9929	-249.6	395	QA1	0	0	0	0	78	21.7	2664	75	149	253	1.987	0.589	0.296	11.5	24.77
456	40.8120	116.9929	-249.3	397	QA1	0	0	0	0	84	21.7	2594	61	151	269	2.475	0.561	0.227	11.5	24.77
457	40.8115	116.9929	-246.5	397	QA1	0	0	0	0	79	21.7	2589	49	229	175	4.673	1.309	0.280	11.5	24.77
458	40.8110	116.9929	-249.0	399	QA1	0	0	0	0	72	21.7	2577	65	136	254	2.092	0.535	0.256	11.5	24.77
459	40.8105	116.9929	-247.2	401	QA1	0	0	0	0	82	21.7	2701	53	140	255	2.642	0.549	0.208	11.5	24.77
460	40.8100	116.9929	-243.4	400	QA1	0	0	0	0	69	21.7	2505	46	166	269	3.609	0.617	0.171	11.5	24.77
461	40.8095	116.9929	-246.3	401	QA1	0	0	0	0	77	21.7	2548	75	89	257	1.187	0.346	0.292	11.4	24.77
462	40.8089	116.9928	-245.3	401	QA1	0	0	0	0	76	21.7	2427	60	135	234	2.250	0.577	0.256	11.5	24.77
463	40.8084	116.9928	-247.8	403	QA1	0	0	0	0	72	21.7	2479	56	177	254	3.161	0.697	0.220	11.5	24.77
464	40.8079	116.9928	-246.3	400	QA1	0	0	0	0	72	21.7	2789	73	119	291	1.630	0.409	0.251	11.4	24.77
465	40.8074	116.9928	-244.9	404	QA1	0	0	0	0	74	21.7	2704	66	139	207	2.106	0.671	0.319	11.4	24.77
466	40.8069	116.9928	-243.2	406	QA1	0	0	0	0	73	21.7	2504	55	183	223	3.327	0.821	0.247	11.4	24.76
467	40.8063	116.9928	-243.1	412	QA1	0	0	0	0	80	22.8	2505	39	211	224	5.410	0.942	0.174	11.4	24.76
468	40.8058	116.9928	-243.5	413	QA1	0	0	0	0	78	22.8	2497	55	189	225	3.436	0.840	0.244	11.4	24.76
469	40.8053	116.9928	-244.2	416	QA1	0	0	0	0	83	22.8	2475	54	181	214	3.352	0.846	0.252	11.4	24.76
470	40.8048	116.9928	-241.5	411	QA1	0	0	0	0	81	22.8	2519	46	187	219	4.065	0.854	0.210	11.4	24.76
471	40.8043	116.9928	-244.0	411	QA1	0	0	0	0	82	22.8	2454	56	197	229	3.518	0.860	0.245	11.4	24.76
472	40.8037	116.9928	-244.4	410	QA1	0	0	0	0	71	22.8	2432	57	169	227	2.965	0.744	0.251	11.4	24.76
473	40.8032	116.9928	-244.2	411	QA1	0	0	0	0	79	22.8	2569	61	123	278	2.016	0.442	0.219	11.4	24.76
474	40.8027	116.9928	-242.9	411	QA1	0	0	0	0	79	22.8	2514	52	126	272	2.423	0.463	0.191	11.4	24.76
475	40.8022	116.9928	-243.9	408	QA1	0	0	0	0	71	22.8	2517	54	182	221	3.370	0.824	0.244	11.3	24.76
476	40.8017	116.9928	-244.4	404	QA1	0	0	0	0	72	22.8	2599	46	198	240	4.304	0.825	0.192	11.3	24.76
477	40.8012	116.9928	-243.4	403	QA1	0	0	0	0	79	22.8	2582	58	112	252	1.931	0.444	0.230	11.3	24.77
478	40.8006	116.9928	-245.1	397	QA1	0	0	0	0	75	22.8	2451	51	190	222	3.725	0.856	0.230	11.3	24.77
479	40.8001	116.9928	-245.1	399	QA1	0	0	0	0	86	22.8	2471	35	151	290	4.314	0.521	0.121	11.2	24.77
480	40.7996	116.9928	-244.6	398	QA1	0	0	0	0	74	22.8	2566	55	158	253	2.873	0.625	0.217	11.2	24.77
481	40.7991	116.9928	-244.5	400	QA1	0	0	0	0	79	22.8	2596	64	144	236	2.250	0.610	0.271	11.2	24.77
482	40.7986	116.9928	-246.0	398	QA1	0	0	0	0	75	22.8	2523	66	110	267	1.667	0.412	0.247	11.2	24.77
483	40.7980	116.9928	-244.5	399	QA1	0	0	0	0	81	22.8	2592	64	102	277	1.594	0.368	0.231	11.2	24.77
484	40.7975	116.9928	-245.2	397	QA1	0	0	0	0	74	22.8	2589	57	159	267	2.789	0.596	0.213	11.1	24.77
485	40.7970	116.9928	-244.2	395	QA1	0	0	0	0	73	22.8	2690	51	112	244	2.196	0.459	0.209	11.1	24.77
486	40.7965	116.9928	-246.6	398	QA1	0	0	0	0	77	25.5	2808	66	119	272	1.803	0.438	0.243	11.0	24.77
487	40.7960	116.9928	-247.6	402	QA1	0	0	0	0	60	25.5	2799	65	179	286	2.754	0.626	0.227	11.0	24.77
488	40.7955	116.9928	-246.8	405	QA1	0	0	0	0	75	25.6	2701	75	124	270	1.653	0.459	0.278	11.0	24.76
489	40.7949	116.9928	-246.2	408	QA1	0	0	0	0	79	25.6	2720	50	184	269	3.680	0.684	0.186	10.9	24.75
490	40.7944	116.9928	-245.4	417	QA1	0	0	0	0	74	25.6	2739	72	172	236	2.389	0.729	0.305	10.9	24.74
491	40.7939	116.9928	-245.3	420	QA1	0	0	0	0	76	25.6	2754	57	186	221	3.263	0.842	0.258	10.9	24.75
492	40.7934	116.9928	-245.8	422	QA1	0	0	0	0	78	25.6	2694	77	83	248	1.078	0.335	0.310	11.0	24.75
493	40.7929	116.9927	-244.5	421	QA1	0	0	0	0	78	25.6	2809	54	234	205	4.333	1.141	0.263	10.9	24.74
494	40.7923	116.9927	-244.0	421	QA1	0	0	0	0	81	25.6	2761	55	131	269	2.382	0.487	0.204	11.0	24.75
495	40.7918	116.9927	-243.7	417	QA1	0	0	0	0	77	25.6	2690	64	171	187	2.672	0.914	0.342	11.0	24.75
496	40.7913	116.9927	-245.2	417	QA1	0	0	0	0	76	25.6	2335	42	186	182	4.429	1.022	0.231	11.0	24.75
497	40.7908	116.9927	-245.4	417	QA1	0	0	0	0	76	25.6	2402	56	121	178	2.161	0.680	0.315	11.0	24.75
498	40.7903	116.9927	-244.1	416	QA1	0	0	0	0	75	25.6	2234	35	142	157	4.057	0.904	0.223	11.0	24.75
499	40.7898	116.9927	-243.9	414	QA1	0	0	0	0	67	25.6	2207	53	163	145	3.075	1.124	0.366	10.9	24.75

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
500	40.7892	116.9927	-243.3	416	QA1	0	0	0	0	81	25.6	2049	43	89	200	2.070	0.445	0.215	10.9	24.75
501	40.7887	116.9927	-242.8	415	QA1	0	0	0	0	81	25.6	2239	56	61	159	1.089	0.384	0.352	10.9	24.74
502	40.7882	116.9927	-242.0	422	QA1	0	0	0	0	79	25.6	1948	36	131	116	3.639	1.129	0.310	10.9	24.74
503	40.7877	116.9927	-243.7	422	QA1	0	0	0	0	74	25.6	1867	29	76	176	2.621	0.432	0.165	10.9	24.75
504	40.7872	116.9927	-243.6	427	QA1	0	0	0	0	73	25.6	1859	37	117	130	3.162	0.900	0.285	10.8	24.74
505	40.7866	116.9927	-241.8	428	QA1	0	0	0	0	85	24.8	2013	34	83	160	2.441	0.519	0.213	10.8	24.74
506	40.7861	116.9927	-242.3	426	QA1	0	0	0	0	72	24.8	1977	40	161	148	4.025	1.088	0.270	10.8	24.74
507	40.7856	116.9927	-242.3	421	QA1	0	0	0	0	74	24.8	2041	44	94	212	2.136	0.443	0.208	10.8	24.75
508	40.7851	116.9927	-242.1	417	QA1	0	0	0	0	74	24.8	2121	39	114	170	2.923	0.671	0.229	10.8	24.75
509	40.7846	116.9927	-241.8	416	QA1	0	0	0	0	76	24.8	2037	52	67	210	1.288	0.319	0.248	10.8	24.75
510	40.7840	116.9927	-241.5	422	QA1	0	0	0	0	78	24.8	2127	36	110	197	3.056	0.558	0.183	10.8	24.74
511	40.7835	116.9927	-241.9	431	QA1	0	0	0	0	74	24.8	2069	35	137	148	3.914	0.926	0.236	10.7	24.73
512	40.7830	116.9927	-241.8	436	QA1	0	0	0	0	73	24.8	2127	35	128	178	3.657	0.719	0.197	10.7	24.73
513	40.7825	116.9927	-241.7	442	QA1	0	0	0	0	74	24.8	2225	37	151	172	4.081	0.878	0.215	10.7	24.73
514	40.7820	116.9927	-241.2	442	QA1	0	0	0	0	80	24.8	2114	40	116	167	2.900	0.695	0.240	10.6	24.73
515	40.7815	116.9927	-240.6	446	QA1	0	0	0	0	70	24.9	2124	33	222	141	6.727	1.574	0.234	10.6	24.73
516	40.7809	116.9927	-240.6	441	QA1	0	0	0	0	75	24.8	2241	39	118	189	3.026	0.624	0.206	10.6	24.73
517	40.7804	116.9927	-241.8	447	QA1	0	0	0	0	81	24.9	2131	45	53	230	1.178	0.230	0.196	10.7	24.73
518	40.7799	116.9927	-241.0	445	QA1	0	0	0	0	77	24.9	2162	40	59	198	1.475	0.298	0.202	10.7	24.73
519	40.7794	116.9927	-241.5	448	QA1	0	0	0	0	70	24.9	46779	49	109	176	2.224	0.619	0.278	10.7	24.73
520	40.7789	116.9927	-239.5	447	QA1	0	0	0	0	79	24.9	2140	47	149	141	3.170	1.057	0.333	10.7	24.72
521	40.7783	116.9927	-241.6	455	QA1	0	0	0	0	75	24.9	2050	33	160	171	4.848	0.936	0.193	10.7	24.72
522	40.7778	116.9927	-239.6	455	QA1	0	0	0	0	73	24.9	2200	61	98	172	1.607	0.570	0.355	10.7	24.70
523	40.7773	116.9927	-241.5	464	QA1	0	0	0	0	76	24.9	2163	64	90	190	1.406	0.474	0.337	10.7	24.71
524	40.7768	116.9926	-239.8	454	QA1	0	0	0	0	82	26.2	2137	55	81	211	1.473	0.384	0.261	10.6	24.71
525	40.7763	116.9927	-240.3	450	QA1	0	0	0	0	70	26.1	2241	51	102	227	2.000	0.449	0.225	10.6	24.72
526	40.7757	116.9927	-239.6	437	QA1	0	0	0	0	74	26.1	2357	59	153	201	2.593	0.761	0.294	10.7	24.73
527	40.7752	116.9927	-240.4	431	QA1	0	0	0	0	69	26.1	2354	71	107	179	1.507	0.598	0.397	10.7	24.74
528	40.7746	116.9928	-239.7	420	QA1	0	0	0	0	74	26.0	2456	62	115	204	1.855	0.564	0.304	10.7	24.75
529	40.7741	116.9928	-240.2	414	QA1	0	0	0	0	75	26.0	2450	56	148	202	2.643	0.733	0.277	10.6	24.75
530	40.7736	116.9928	-239.1	413	QA1	0	0	0	0	74	26.0	2610	73	70	308	0.959	0.227	0.237	10.7	24.75
531	40.7730	116.9928	-239.3	419	QA1	0	0	0	0	73	26.0	2358	53	132	259	2.491	0.510	0.205	10.7	24.75
532	40.7725	116.9929	-239.5	419	QA1	0	0	0	0	74	26.0	2728	61	121	234	1.984	0.517	0.261	10.7	24.75
533	40.7720	116.9929	-240.1	423	QA1	0	0	0	0	75	26.1	2516	60	161	200	2.683	0.805	0.300	10.7	24.74
534	40.7714	116.9929	-239.9	423	QA1	0	0	0	0	79	26.0	2466	81	137	165	1.691	0.830	0.491	10.8	24.74
535	40.7709	116.9929	-238.4	417	QA1	0	0	0	0	73	26.0	2577	68	203	177	2.985	1.147	0.384	10.8	24.75
536	40.7703	116.9930	-241.1	413	QA1	0	0	0	0	81	26.0	2431	49	147	224	3.000	0.656	0.219	10.8	24.75
537	40.7698	116.9930	-242.3	409	QA1	0	0	0	0	82	26.0	2313	45	140	227	3.111	0.617	0.198	10.8	24.75
538	40.7693	116.9930	-240.5	412	QA1	0	0	0	0	78	26.0	2397	57	82	257	1.439	0.319	0.222	10.8	24.75
539	40.7687	116.9930	-239.2	409	QA1	0	0	0	0	78	26.0	2270	61	104	188	1.705	0.553	0.324	10.9	24.75
540	40.7682	116.9931	-240.2	410	QA1	0	0	0	0	72	26.0	2249	36	158	196	4.389	0.806	0.184	10.9	24.75
541	40.7677	116.9931	-239.1	409	QA1	0	0	0	0	74	26.0	2257	54	108	210	2.000	0.514	0.257	10.9	24.75
542	40.7671	116.9931	-241.1	412	QA1	0	0	0	0	82	26.0	2214	52	161	168	3.096	0.958	0.310	10.8	24.75
543	40.7666	116.9931	-241.3	410	QA1	0	0	0	0	83	20.1	2161	50	146	146	2.920	1.000	0.342	10.8	24.75
544	40.7661	116.9932	-241.0	414	QA1	0	0	0	0	88	20.1	2072	22	153	198	6.955	0.773	0.111	10.8	24.75
545	40.7655	116.9932	-242.7	404	QA1	0	0	0	0	77	20.1	1948	30	123	158	4.100	0.778	0.190	10.8	24.76
546	40.7650	116.9932	-241.5	404	QA1	0	0	0	0	77	20.1	1808	28	142	121	5.071	1.174	0.231	10.8	24.76
547	40.7644	116.9932	-241.0	398	QA1	0	0	0	0	76	20.1	1861	35	109	157	3.114	0.694	0.223	10.8	24.76
548	40.7639	116.9933	-240.9	404	QA1	0	0	0	0	73	20.1	1938	45	110	144	2.444	0.764	0.313	10.8	24.77
549	40.7634	116.9933	-243.9	393	QA1	0	0	0	0	78	20.1	1852	39	131	127	3.359	1.031	0.307	10.8	24.77
550	40.7628	116.9933	-243.9	391	QA1	0	0	0	0	79	20.1	1896	47	113	112	2.404	1.009	0.420	10.8	24.77
551	40.7623	116.9934	-241.8	391	QA1	0	0	0	0	78	20.1	1979	28	148	178	5.286	0.831	0.157	10.8	24.77
552	40.7618	116.9934	-243.5	394	QA1	0	0	0	0	73	20.1	1952	59	83	164	1.407	0.506	0.360	10.8	24.77
553	40.7612	116.9934	-243.2	396	QA1	0	0	0	0	86	20.1	1912	52	96	146	1.846	0.658	0.356	10.8	24.77

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
554	40.7607	116.9934	-245.1	400	QA1	0	0	0	0	69	20.1	1880	38	120	165	3.158	0.727	0.230	10.8	24.76
555	40.7601	116.9935	-243.6	398	QA1	0	0	0	0	73	20.1	2071	50	85	221	1.700	0.385	0.226	10.8	24.76
556	40.7596	116.9935	-243.8	394	QA1	0	0	0	0	75	20.1	2042	57	98	168	1.719	0.583	0.339	10.8	24.77
557	40.7591	116.9935	-245.1	390	QA1	0	0	0	0	73	20.1	1887	53	78	160	1.472	0.488	0.331	10.8	24.77
558	40.7585	116.9935	-243.8	388	QA1	0	0	0	0	78	20.1	1958	54	81	160	1.500	0.506	0.337	10.8	24.77
559	40.7580	116.9936	-245.0	387	QA1	0	0	0	0	82	20.1	1984	41	68	180	1.659	0.378	0.228	10.8	24.77
560	40.7575	116.9936	-245.2	387	QA1	0	0	0	0	72	20.1	2030	51	100	172	1.961	0.581	0.297	10.8	24.77
561	40.7569	116.9936	-245.4	384	QA1	0	0	0	0	73	20.1	2006	38	146	149	3.842	0.980	0.255	10.8	24.77
562	40.7564	116.9936	-245.0	374	QA1	0	0	0	0	77	17.9	2026	43	130	142	3.023	0.915	0.303	10.9	24.78
563	40.7559	116.9937	-244.4	374	QA1	0	0	0	0	73	17.9	2217	54	128	145	2.370	0.883	0.372	10.9	24.78
564	40.7553	116.9937	-246.4	370	QA1	0	0	0	0	73	17.9	2038	47	93	191	1.979	0.487	0.246	10.9	24.78
565	40.7548	116.9937	-247.1	373	QA1	0	0	0	0	76	17.9	2140	42	120	189	2.857	0.635	0.222	10.9	24.79
566	40.7542	116.9937	-244.8	366	QA1	0	0	0	0	71	17.9	2171	31	148	183	4.774	0.809	0.169	11.0	24.79
567	40.7537	116.9938	-247.5	374	QA1	0	0	0	0	77	17.9	2188	51	124	191	2.431	0.649	0.267	11.0	24.78
568	40.7532	116.9938	-248.0	364	QA1	0	0	0	0	87	17.9	2255	40	99	246	2.475	0.402	0.163	10.9	24.79
569	40.7526	116.9938	-245.2	365	QA1	0	0	0	0	80	17.9	43075	42	106	151	2.524	0.702	0.278	11.0	24.79
570	40.7521	116.9938	-248.5	359	QA1	0	0	0	0	73	17.9	2182	44	157	189	3.568	0.831	0.233	10.9	24.79
571	40.7516	116.9939	-246.9	360	QA1	0	0	0	0	72	17.9	2092	63	116	148	1.841	0.784	0.426	11.0	24.80
572	40.7510	116.9939	-245.7	353	QA1	0	0	0	0	76	17.9	2158	37	140	206	3.784	0.680	0.180	11.0	24.80
573	40.7505	116.9939	-246.8	356	QA1	0	0	0	0	70	17.9	2178	54	107	191	1.981	0.560	0.283	10.9	24.80
574	40.7500	116.9939	-247.4	348	QA1	0	0	0	0	73	17.9	2109	45	167	150	3.711	1.113	0.300	11.0	24.80
575	40.7494	116.9940	-245.5	353	QA1	0	0	0	0	72	17.9	2169	48	168	165	3.500	1.018	0.291	11.0	24.80
576	40.7489	116.9940	-247.8	349	QA1	0	0	0	0	73	17.9	2201	49	100	208	2.041	0.481	0.236	11.0	24.80
577	40.7483	116.9940	-248.0	351	QA1	0	0	0	0	75	17.9	2108	44	123	182	2.795	0.676	0.242	11.0	24.80
578	40.7478	116.9941	-246.7	351	QA1	0	0	0	0	82	17.9	2075	46	117	175	2.543	0.669	0.263	11.0	24.80
579	40.7473	116.9941	-247.8	354	QA1	0	0	0	0	74	17.9	2046	48	145	151	3.021	0.960	0.318	11.0	24.80
580	40.7467	116.9941	-246.1	352	QA1	0	0	0	0	74	17.9	2058	56	76	192	1.357	0.396	0.292	11.1	24.80
581	40.7462	116.9941	-246.7	356	QA1	0	0	0	0	68	17.9	2063	39	147	163	3.769	0.902	0.239	11.1	24.80
582	40.7457	116.9942	-248.0	354	QA1	0	0	0	0	70	17.9	1985	57	59	164	1.035	0.360	0.348	11.1	24.79
583	40.7451	116.9942	-246.1	357	QA1	0	0	0	0	75	17.9	2018	36	113	162	3.139	0.698	0.222	11.1	24.79
584	40.7446	116.9942	-248.6	354	QA1	0	0	0	0	66	17.9	1941	53	123	151	2.321	0.815	0.351	11.1	24.80
585	40.7440	116.9942	-247.3	354	QA1	0	0	0	0	77	17.9	2087	36	125	167	3.472	0.749	0.216	11.0	24.79
586	40.7435	116.9943	-247.0	356	QA1	0	0	0	0	71	17.9	1975	54	106	161	1.963	0.658	0.335	11.1	24.79
587	40.7430	116.9943	-246.7	354	QA1	0	0	0	0	68	17.9	2000	44	132	160	3.000	0.825	0.275	11.0	24.79
588	40.7424	116.9943	-246.6	359	QA1	0	0	0	0	77	17.9	2142	51	103	178	2.020	0.579	0.287	11.1	24.79
589	40.7419	116.9943	-247.4	358	QA1	0	0	0	0	76	17.9	2029	42	168	98	4.000	1.714	0.429	11.0	24.79
590	40.7414	116.9944	-246.0	360	QA1	0	0	0	0	75	17.9	1948	37	111	165	3.000	0.673	0.224	11.0	24.79
591	40.7408	116.9944	-246.5	359	QA1	0	0	0	0	84	17.9	1971	52	101	139	1.942	0.727	0.374	11.0	24.79
592	40.7403	116.9944	-246.7	364	QA1	0	0	0	0	67	17.9	1916	50	74	165	1.480	0.448	0.303	11.0	24.78
593	40.7398	116.9944	-243.9	366	QA1	0	0	0	0	79	17.9	2037	39	218	78	5.590	2.795	0.500	11.0	24.78
594	40.7392	116.9945	-243.3	370	QA1	0	0	0	0	71	17.9	2050	51	74	168	1.451	0.440	0.304	11.1	24.78
595	40.7387	116.9945	-244.0	370	QA1	0	0	0	0	67	17.9	2079	36	197	136	5.472	1.449	0.265	11.1	24.78
596	40.7381	116.9945	-246.6	378	QA1	0	0	0	0	76	17.8	2142	41	105	168	2.561	0.625	0.244	11.1	24.77
597	40.7376	116.9945	-248.1	378	QA1	0	0	0	0	83	17.8	2081	39	164	109	4.205	1.505	0.358	11.1	24.77
598	40.7371	116.9946	-246.0	382	QA1	0	0	0	0	72	17.8	1999	53	124	108	2.340	1.148	0.491	11.1	24.77
599	40.7365	116.9946	-245.4	385	QA1	0	0	0	0	69	17.8	2154	63	74	159	1.175	0.465	0.396	11.1	24.77
600	40.7360	116.9946	-245.3	394	QA1	0	0	0	0	68	20.8	2097	45	134	187	2.978	0.717	0.241	11.1	24.76
601	40.7355	116.9947	-247.0	398	QA1	0	0	0	0	73	20.8	2252	44	95	202	2.159	0.470	0.218	11.1	24.75
602	40.7349	116.9947	-244.4	396	QA1	0	0	0	0	80	20.8	2035	47	101	164	2.149	0.616	0.287	11.1	24.75
603	40.7344	116.9947	-245.7	393	QA1	0	0	0	0	77	20.8	2181	59	115	133	1.949	0.865	0.444	11.1	24.76
604	40.7338	116.9947	-246.6	399	QA1	0	0	0	0	69	20.8	2197	49	136	158	2.776	0.861	0.310	11.2	24.76
605	40.7333	116.9948	-246.7	401	QA1	0	0	0	0	76	20.8	2269	58	62	209	1.069	0.297	0.278	11.2	24.76
606	40.7328	116.9948	-243.7	405	QA1	0	0	0	0	76	20.8	2344	50	188	143	3.760	1.315	0.350	11.2	24.76
607	40.7322	116.9948	-244.9	405	QA1	0	0	0	0	77	20.8	2357	62	95	210	1.532	0.452	0.295	11.2	24.76

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
608	40.7317	116.9948	-244.9	398	QA1	0	0	0	0	81	20.8	2319	61	86	164	1.410	0.524	0.372	11.2	24.75
609	40.7312	116.9949	-244.6	403	QA1	0	0	0	0	76	20.8	2189	53	196	117	3.698	1.675	0.453	11.2	24.75
610	40.7306	116.9949	-244.7	412	QA1	0	0	0	0	75	20.8	2309	51	177	147	3.471	1.204	0.347	11.3	24.75
611	40.7301	116.9949	-244.7	408	QA1	0	0	0	0	71	20.8	2290	57	151	167	2.649	0.904	0.341	11.3	24.75
612	40.7296	116.9949	-246.1	410	QA1	0	0	0	0	75	20.8	2210	50	138	157	2.760	0.879	0.318	11.3	24.75
613	40.7290	116.9950	-244.0	413	QA1	0	0	0	0	76	20.8	219[illegible]	45	162	158	3.600	1.025	0.285	11.3	24.75
614	40.7285	116.9950	-243.2	415	QA1	0	0	0	0	74	20.8	2373	77	87	193	1.130	0.451	0.399	11.3	24.75
615	40.7279	116.9950	-245.6	420	QA1	0	0	0	0	74	20.8	2666	74	95	218	1.284	0.436	0.339	11.3	24.74
616	40.7274	116.9950	-246.3	420	QA1	0	0	0	0	79	20.8	2320	64	126	152	1.969	0.829	0.421	11.3	24.73
617	40.7269	116.9951	-246.3	422	QA1	0	0	0	0	77	20.8	2273	42	172	181	4.095	0.950	0.232	11.2	24.73
618	40.7263	116.9951	-242.5	422	QA1	0	0	0	0	80	20.8	2373	52	149	170	2.865	0.876	0.306	11.2	24.73
619	40.7258	116.9951	-245.4	430	QA1	0	0	0	0	72	28.7	2327	67	97	159	1.448	0.610	0.421	11.2	24.74
620	40.7253	116.9951	-244.7	419	QA1	0	0	0	0	77	28.6	2369	46	173	163	3.761	1.061	0.282	11.2	24.73
621	40.7247	116.9952	-245.3	421	QA1	0	0	0	0	79	28.6	2391	55	93	210	1.691	0.443	0.262	11.3	24.73
622	40.7242	116.9952	-244.1	414	QA1	0	0	0	0	75	28.6	2276	42	162	195	3.857	0.831	0.215	11.3	24.74
623	40.7236	116.9952	-245.3	419	QA1	0	0	0	0	82	28.6	2360	51	139	176	2.725	0.790	0.290	11.3	24.73
624	40.7231	116.9952	-245.0	420	QA1	0	0	0	0	81	28.6	2280	48	156	188	3.250	0.830	0.255	11.3	24.73
625	40.7226	116.9953	-244.9	422	QA1	0	0	0	0	74	28.6	2313	60	88	180	1.467	0.489	0.333	11.3	24.73
626	40.7220	116.9953	-244.9	418	QA1	0	0	0	0	75	28.6	2241	44	165	170	3.750	0.971	0.259	11.3	24.73
627	40.7215	116.9953	-244.8	421	QA1	0	0	0	0	78	28.6	2330	57	148	188	2.596	0.787	0.303	11.3	24.73
628	40.7210	116.9954	-246.3	419	QA1	0	0	0	0	85	28.6	2334	51	64	218	1.255	0.294	0.234	11.3	24.73
629	40.7204	116.9954	-243.7	420	QA1	0	0	0	0	73	28.6	2236	65	103	177	1.585	0.582	0.367	11.3	24.73
630	40.7199	116.9954	-244.5	417	QA1	0	0	0	0	80	28.6	2200	40	142	160	3.550	0.888	0.250	11.3	24.74
631	40.7194	116.9954	-244.9	419	QA1	0	0	0	0	77	28.6	2176	49	108	178	2.204	0.607	0.275	11.3	24.73
632	40.7188	116.9955	-248.1	415	QA1	0	0	0	0	75	28.6	2213	54	144	161	2.667	0.894	0.335	11.3	24.73
633	40.7183	116.9955	-245.1	416	QA1	0	0	0	0	76	28.6	2216	47	191	142	4.064	1.345	0.331	11.3	24.73
634	40.7177	116.9955	-246.3	414	QA1	0	0	0	0	83	28.6	2279	38	139	157	3.658	0.885	0.242	11.3	24.74
635	40.7172	116.9955	-245.0	418	QA1	0	0	0	0	81	28.6	2239	48	114	156	2.375	0.731	0.308	11.3	24.73
636	40.7167	116.9956	-244.9	420	QA1	0	0	0	0	64	28.6	2375	38	180	157	4.737	1.146	0.242	11.4	24.73
637	40.7161	116.9956	-244.7	413	QA1	0	0	0	0	72	28.6	2167	51	140	158	2.745	0.886	0.323	11.4	24.73
638	40.7156	116.9956	-243.9	410	QA1	0	0	0	0	82	28.8	2196	51	170	157	3.333	1.083	0.325	11.4	24.74
639	40.7151	116.9956	-245.1	405	QA1	0	0	0	0	78	28.7	2241	55	125	195	2.273	0.641	0.282	11.4	24.75
640	40.7145	116.9957	-246.1	400	QA1	0	0	0	0	73	28.7	2288	51	135	181	2.647	0.746	0.282	11.5	24.75
641	40.7140	116.9957	-245.4	393	QA1	0	0	0	0	78	28.7	2265	47	181	129	3.851	1.403	0.364	11.5	24.75
642	40.7134	116.9957	-244.1	390	QA1	0	0	0	0	89	28.7	2249	50	143	193	2.860	0.741	0.259	11.5	24.76
643	40.7129	116.9957	-243.4	384	QA1	0	0	0	0	70	28.6	2405	55	192	171	3.491	1.123	0.322	11.5	24.76
644	40.7124	116.9958	-241.8	383	QA1	0	0	0	0	73	28.6	2384	48	158	226	3.292	0.699	0.212	11.6	24.76
645	40.7118	116.9958	-240.8	381	QA1	0	0	0	0	76	28.6	2444	66	140	198	2.121	0.707	0.333	11.5	24.77
646	40.7113	116.9958	-242.0	381	QA1	0	0	0	0	80	28.6	2367	50	185	194	3.700	0.954	0.258	11.5	24.77
647	40.7108	116.9958	-241.0	377	QA1	0	0	0	0	77	28.6	2539	56	166	203	2.964	0.818	0.276	11.5	24.77
648	40.7102	116.9959	-242.2	378	QA1	0	0	0	0	75	28.6	2517	70	120	191	1.714	0.628	0.366	11.5	24.77
649	40.7097	116.9959	-240.9	377	QA1	0	0	0	0	63	28.6	2293	42	163	199	3.881	0.819	0.211	11.5	24.77
650	40.7092	116.9959	-239.3	384	QA1	0	0	0	0	71	28.6	2353	59	147	172	2.492	0.855	0.343	11.5	24.77
651	40.7086	116.9959	-237.8	380	QA1	0	0	0	0	75	28.6	2328	58	141	189	2.431	0.746	0.307	11.5	24.76
652	40.7081	116.9960	-238.7	384	QA1	0	0	0	0	75	28.6	2348	64	97	242	1.516	0.401	0.264	11.5	24.76
653	40.7075	116.9960	-235.9	384	QA1	0	0	0	0	65	28.6	2315	54	139	215	2.574	0.647	0.251	11.5	24.76
654	40.7070	116.9960	-234.7	377	QA1	0	0	0	0	73	28.6	2401	59	200	172	3.390	1.163	0.343	11.5	24.77
655	40.7065	116.9961	-235.4	376	QA1	0	0	0	0	72	28.6	2367	57	122	215	2.140	0.567	0.265	11.4	24.77
656	40.7059	116.9961	-233.6	379	QA1	0	0	0	0	64	28.6	2412	54	170	204	3.148	0.833	0.265	11.4	24.76
657	40.7054	116.9961	-235.0	384	QA1	0	0	0	0	73	29.0	2457	55	134	243	2.436	0.551	0.226	11.4	24.76
658	40.7049	116.9961	-235.2	388	QA1	0	0	0	0	72	29.1	2474	54	143	190	2.648	0.753	0.284	11.4	24.76
659	40.7043	116.9962	-233.1	385	QA1	0	0	0	0	73	29.1	2506	49	156	231	3.184	0.675	0.212	11.5	24.75
660	40.7038	116.9962	-232.1	383	QA1	0	0	0	0	72	29.0	2547	70	104	236	1.486	0.441	0.297	11.5	24.76
661	40.7032	116.9962	-233.0	385	QA1	0	0	0	0	65	29.0	2466	53	190	211	3.585	0.900	0.251	11.5	24.76

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
662	40.7027	116.9962	-232.0	384	QA1	0	0	0	0	76	29.0	2640	74	152	202	2.054	0.752	0.366	11.5	24.76
663	40.7022	116.9963	-233.2	387	QA1	0	0	0	0	81	29.1	2689	69	124	257	1.797	0.482	0.268	11.5	24.75
664	40.7016	116.9963	-233.6	390	QA1	0	0	0	0	74	29.1	2629	54	232	219	4.296	1.059	0.247	11.4	24.75
665	40.7011	116.9963	-233.5	401	QA1	0	0	0	0	71	29.1	2598	70	150	239	2.143	0.628	0.293	11.4	24.74
666	40.7006	116.9963	-229.9	403	QA1	0	0	0	0	76	29.2	2772	41	180	267	4.390	0.674	0.154	11.4	24.73
667	40.7000	116.9964	-229.5	416	QA1	0	0	0	0	81	29.2	2454	46	169	233	3.674	0.725	0.197	11.4	24.73
668	40.6995	116.9964	-229.9	415	QA1	0	0	0	0	74	29.2	2457	71	203	139	2.859	1.460	0.511	11.4	24.72
669	40.6990	116.9964	-230.9	421	QA1	0	0	0	0	91	29.2	2500	56	137	176	2.446	0.778	0.318	11.5	24.72
670	40.6984	116.9964	-228.6	417	QA1	0	0	0	0	80	29.2	2348	63	98	246	1.556	0.398	0.256	11.4	24.72
671	40.6979	116.9965	-228.8	420	QA1	0	0	0	0	72	29.2	2343	63	111	203	1.762	0.547	0.310	11.5	24.72
672	40.6973	116.9965	-229.5	412	QA1	0	0	0	0	84	29.2	2377	56	132	196	2.357	0.673	0.286	11.4	24.72
673	40.6968	116.9965	-229.7	414	QA1	0	0	0	0	73	29.2	2393	63	123	210	1.952	0.586	0.300	11.5	24.72
674	40.6963	116.9965	-225.2	413	QA1	0	0	0	0	83	29.2	2505	74	216	123	2.919	1.756	0.602	11.4	24.72
675	40.6957	116.9966	-225.4	414	QA1	0	0	0	0	76	29.2	2558	50	206	191	4.120	1.079	0.262	11.4	24.72
676	40.6952	116.9966	-225.3	415	QA1	0	0	0	0	88	23.1	2565	63	156	196	2.476	0.796	0.321	11.4	24.72
677	40.6947	116.9966	-226.5	415	QA1	0	0	0	0	78	23.1	2535	55	148	235	2.691	0.630	0.234	11.4	24.72
678	40.6941	116.9967	-226.2	414	QA1	0	0	0	0	72	23.1	2642	46	242	242	5.261	1.000	0.190	11.4	24.72
679	40.6936	116.9967	-225.7	418	QA1	0	0	0	0	72	23.1	2773	61	147	278	2.410	0.529	0.219	11.4	24.72
680	40.6930	116.9967	-224.1	415	QF	0	0	0	0	88	23.1	2736	66	140	267	2.121	0.524	0.247	11.4	24.72
681	40.6925	116.9967	-224.1	415	QF	0	0	0	0	70	23.1	2683	72	195	232	2.708	0.841	0.310	11.4	24.72
682	40.6920	116.9968	-225.1	410	QF	0	0	0	0	87	23.1	2629	59	171	227	2.898	0.753	0.260	11.5	24.71
683	40.6914	116.9968	-223.3	408	QF	0	0	0	0	72	23.1	2734	60	182	227	3.033	0.802	0.264	11.5	24.73
684	40.6909	116.9968	-224.5	407	QF	0	0	0	0	77	23.1	2648	63	154	224	2.444	0.688	0.281	11.5	24.72
685	40.6904	116.9968	-225.3	403	QF	0	0	0	0	76	23.0	2577	58	160	208	2.759	0.769	0.279	11.6	24.72
686	40.6898	116.9969	-225.3	398	QF	0	0	0	0	83	23.0	2696	67	214	188	3.194	1.138	0.356	11.6	24.72
687	40.6893	116.9969	-224.2	395	QF	0	0	0	0	72	23.0	2706	65	145	297	2.231	0.488	0.219	11.6	24.73
688	40.6888	116.9969	-223.7	393	QF	0	0	0	0	75	23.0	2836	77	114	290	1.481	0.393	0.266	11.6	24.73
689	40.6882	116.9969	-224.2	390	QF	0	0	0	0	77	23.0	2964	79	200	232	2.532	0.862	0.341	11.6	24.73
690	40.6877	116.9970	-223.6	392	QF	0	0	0	0	70	23.0	2776	72	133	259	1.847	0.514	0.278	11.6	24.73
691	40.6871	116.9970	-224.6	391	QF	0	0	0	0	78	23.0	2753	63	180	251	2.857	0.717	0.251	11.7	24.73
692	40.6866	116.9970	-223.2	395	QF	0	0	0	0	77	23.0	2860	55	138	310	2.509	0.445	0.177	11.6	24.73
693	40.6861	116.9970	-223.7	390	QF	0	0	0	0	80	23.0	2828	74	210	249	2.838	0.843	0.297	11.6	24.73
694	40.6855	116.9971	-221.9	393	QF	0	0	0	0	80	23.0	2747	78	38	343	0.487	0.111	0.227	11.6	24.73
695	40.6850	116.9971	-223.7	386	QF	0	0	0	0	81	23.5	2757	74	147	274	1.986	0.536	0.270	11.6	24.73
696	40.6845	116.9971	-221.3	392	QF	0	0	0	0	74	23.5	3010	75	192	284	2.560	0.676	0.264	11.7	24.72
697	40.6841	116.9971	-221.4	383	QF	0	0	0	0	75	23.5	2813	78	100	276	1.282	0.362	0.283	11.8	24.73
698	40.6837	116.9971	-224.2	387	QF	0	0	0	0	84	23.5	2918	72	229	250	3.181	0.916	0.288	11.7	24.73
699	40.6833	116.9971	-222.8	378	QF	0	0	0	0	81	23.5	2782	58	230	243	3.966	0.947	0.239	11.8	24.74
700	40.6829	116.9971	-221.8	380	QF	0	0	0	0	82	23.5	2786	78	118	288	1.513	0.410	0.271	11.8	24.74
701	40.6825	116.9971	-221.4	378	QF	0	0	0	0	79	23.5	2716	80	112	286	1.400	0.392	0.280	11.8	24.73
702	40.6821	116.9971	-221.4	376	QF	0	0	0	0	84	23.5	2843	89	165	254	1.854	0.650	0.350	11.8	24.73
703	40.6817	116.9971	-223.8	373	QF	0	0	0	0	76	23.5	2876	72	225	261	3.125	0.862	0.276	11.8	24.74
704	40.6813	116.9971	-223.3	372	QF	0	0	0	0	78	23.5	2839	80	147	259	1.838	0.568	0.309	11.8	24.74
705	40.6809	116.9971	-223.3	369	QF	0	0	0	0	80	23.5	2730	72	213	236	2.958	0.903	0.305	11.9	24.74
706	40.6805	116.9971	-223.4	368	QF	0	0	0	0	83	23.5	2786	54	146	247	2.704	0.591	0.219	11.9	24.73
707	40.6802	116.9971	-223.4	368	QF	0	0	0	0	73	23.5	2904	70	256	210	3.657	1.219	0.333	12.0	24.74
708	40.6798	116.9971	-225.3	364	QF	0	0	0	0	88	23.5	3000	69	193	263	2.797	0.734	0.262	12.0	24.74
709	40.6794	116.9971	-224.6	363	QF	0	0	0	0	84	23.5	2826	61	233	236	3.820	0.987	0.258	12.0	24.74
710	40.6790	116.9971	-225.3	363	QF	0	0	0	0	83	23.5	2860	73	150	294	2.055	0.510	0.248	12.0	24.74
711	40.6786	116.9971	-223.6	364	QF	0	0	0	0	77	23.5	2887	58	185	293	3.190	0.631	0.198	12.0	24.74
712	40.6782	116.9971	-223.9	364	QF	0	0	0	0	70	23.5	2847	74	242	219	3.270	1.105	0.338	12.0	24.74
713	40.6778	116.9971	-225.7	362	QF	0	0	0	0	78	23.4	2817	74	181	234	2.446	0.774	0.316	12.0	24.74
714	40.6774	116.9971	-227.7	363	QF	0	0	0	0	84	19.7	2888	92	118	271	1.283	0.435	0.339	12.1	24.74
715	40.6770	116.9971	-228.8	363	QF	0	0	0	0	81	19.7	2861	75	74	331	0.987	0.224	0.227	12.2	24.74

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
716	40.6766	116.9971	-229.1	362	QF	0	0	0	0	83	19.7	2850	86	87	298	1.012	0.292	0.289	12.2	24.74
717	40.6762	116.9972	-228.0	371	QF	0	0	0	0	74	19.7	2904	69	174	306	2.522	0.569	0.225	12.3	24.73
718	40.6758	116.9972	-228.0	374	QF	0	0	0	0	69	19.7	2825	85	179	245	2.106	0.731	0.347	12.3	24.73
719	40.6755	116.9972	-228.5	385	QF	0	0	0	0	75	19.7	2832	73	207	211	2.836	0.981	0.346	12.3	24.72
720	40.6751	116.9972	-230.0	387	QF	0	0	0	0	79	19.7	2980	86	93	329	1.081	0.283	0.261	12.3	24.71
721	40.6747	116.9972	-228.4	399	QF	0	0	0	0	73	19.7	2777	78	113	293	1.449	0.386	0.266	12.4	24.71
722	40.6743	116.9972	-228.5	403	QF	0	0	0	0	73	19.7	2737	65	154	232	2.369	0.664	0.280	12.4	24.69
723	40.6739	116.9972	-230.2	408	QF	0	0	0	0	70	19.7	2789	91	153	251	1.681	0.610	0.363	12.4	24.70
724	40.6735	116.9972	-231.8	405	QF	0	0	0	0	86	19.7	2691	72	163	251	2.264	0.649	0.287	12.4	24.70
725	40.6731	116.9972	-231.0	407	QF	0	0	0	0	73	19.7	2668	62	188	248	3.032	0.758	0.250	12.4	24.70
726	40.6727	116.9972	-232.1	404	QF	0	0	0	0	87	19.7	2614	53	227	196	4.283	1.158	0.270	12.4	24.70
727	40.6723	116.9972	-232.6	405	QF	0	0	0	0	74	19.7	2758	63	189	266	3.000	0.711	0.237	12.4	24.70
728	40.6719	116.9972	-232.4	402	QF	0	0	0	0	69	19.7	2805	70	191	273	2.729	0.700	0.256	12.4	24.70
729	40.6715	116.9972	-233.7	399	QF	0	0	0	0	80	19.7	2682	78	219	185	2.808	1.184	0.422	12.4	24.71
730	40.6711	116.9972	-233.6	395	QF	0	0	0	0	89	19.7	2749	61	178	285	2.918	0.625	0.214	12.5	24.71
731	40.6708	116.9972	-232.4	394	QF	0	0	0	0	77	19.7	2644	75	145	265	1.933	0.547	0.283	12.5	24.71
732	40.6704	116.9972	-235.1	395	QF	0	0	0	0	70	19.7	2854	75	249	209	3.320	1.191	0.359	12.6	24.71
733	40.6700	116.9972	-233.4	396	QF	0	0	0	0	81	20.4	2936	70	156	282	2.229	0.553	0.248	12.6	24.70
734	40.6696	116.9972	-237.2	401	QF	0	0	0	0	72	20.4	2738	64	170	259	2.656	0.656	0.247	12.6	24.70
735	40.6692	116.9972	-237.2	397	QF	0	0	0	0	73	20.4	2638	58	262	193	4.517	1.358	0.301	12.5	24.70
736	40.6688	116.9972	-238.3	390	QF	0	0	0	0	84	20.4	2759	83	146	250	1.759	0.584	0.332	12.5	24.72
737	40.6684	116.9972	-238.4	381	QF	0	0	0	0	75	20.4	2691	77	122	295	1.584	0.414	0.261	12.5	24.72
738	40.6678	116.9972	-239.1	381	QF	0	0	0	0	78	20.4	2674	69	211	178	3.058	1.185	0.388	12.5	24.72
739	40.6673	116.9972	-237.3	381	QF	0	0	0	0	76	20.4	2726	85	138	262	1.624	0.527	0.324	12.6	24.72
740	40.6667	116.9972	-239.2	385	QF	0	0	0	0	76	20.4	2869	68	146	259	2.147	0.564	0.263	12.6	24.71
741	40.6661	116.9972	-240.0	378	QF	0	0	0	0	67	20.4	2718	63	180	257	2.857	0.700	0.245	12.5	24.72
742	40.6656	116.9972	-241.2	378	QF	0	0	0	0	74	20.4	2738	56	179	292	3.196	0.613	0.192	12.5	24.72
743	40.6650	116.9972	-242.2	374	QF	0	0	0	0	77	20.4	2709	76	111	299	1.461	0.371	0.254	12.5	24.72
744	40.6644	116.9972	-243.3	376	QF	0	0	0	0	67	20.4	2705	71	187	254	2.634	0.736	0.280	12.6	24.72
745	40.6639	116.9972	-242.1	371	QF	0	0	0	0	72	20.4	2765	61	114	303	1.869	0.376	0.201	12.5	24.72
746	40.6633	116.9972	-244.0	377	QF	0	0	0	0	71	20.4	2771	67	180	273	2.687	0.659	0.245	12.5	24.72
747	40.6627	116.9972	-244.7	371	QF	0	0	0	0	76	20.4	2720	66	148	251	2.242	0.590	0.263	12.5	24.72
748	40.6622	116.9972	-246.4	373	QF	0	0	0	0	75	20.4	2708	92	174	225	1.891	0.773	0.409	12.5	24.72
749	40.6616	116.9972	-248.3	372	QF	0	0	0	0	84	20.4	2813	58	177	236	3.052	0.750	0.246	12.6	24.71
750	40.6611	116.9972	-247.0	381	QF	0	0	0	0	67	20.4	2582	70	146	290	2.086	0.503	0.241	12.6	24.71
751	40.6605	116.9972	-248.9	382	QF	0	0	0	0	83	20.4	2663	58	190	246	3.276	0.772	0.236	12.6	24.70
752	40.6599	116.9972	-250.3	381	QF	0	0	0	0	72	20.5	2721	87	155	273	1.782	0.568	0.319	12.6	24.70
753	40.6594	116.9972	-248.8	378	QF	0	0	0	0	86	20.5	2747	57	166	265	2.912	0.626	0.215	12.6	24.71
754	40.6588	116.9972	-248.3	376	QF	0	0	0	0	80	20.5	2652	82	155	248	1.890	0.625	0.331	12.6	24.71
755	40.6582	116.9972	-246.0	375	QF	0	0	0	0	69	20.5	2728	59	130	274	2.203	0.474	0.215	12.6	24.71
756	40.6577	116.9972	-248.2	371	QF	0	0	0	0	78	20.5	2790	79	240	190	3.038	1.263	0.416	12.6	24.71
757	40.6571	116.9972	-242.4	366	QF	0	0	0	0	78	20.5	2661	63	179	251	2.841	0.713	0.251	12.7	24.71
758	40.6565	116.9972	-236.6	364	QF	0	0	0	0	72	20.5	2794	78	91	264	1.167	0.345	0.295	12.7	24.72
759	40.6560	116.9972	-230.6	366	QF	0	0	0	0	74	20.5	2708	64	157	273	2.453	0.575	0.234	12.7	24.72
760	40.6554	116.9972	-227.8	361	QF	0	0	0	0	87	20.5	2700	82	153	227	1.866	0.674	0.361	12.7	24.72
761	40.6548	116.9972	-221.3	358	QF	0	0	0	0	73	20.5	2883	70	188	244	2.686	0.770	0.287	12.7	24.72
762	40.6543	116.9972	-216.5	358	QF	0	0	0	0	74	20.5	2700	77	124	242	1.610	0.512	0.318	12.7	24.71
763	40.6537	116.9972	-214.1	368	QF	0	0	0	0	70	20.5	2688	61	242	171	3.967	1.415	0.357	12.7	24.70
764	40.6531	116.9972	-211.9	380	QF	0	0	0	0	75	20.5	2802	73	124	255	1.699	0.486	0.286	12.8	24.69
765	40.6526	116.9972	-211.4	406	QF	0	0	0	0	80	20.5	2688	75	110	235	1.467	0.468	0.319	12.8	24.67
766	40.6520	116.9972	-211.1	400	QF	0	0	0	0	73	20.5	2657	60	112	281	1.867	0.399	0.214	12.7	24.68
767	40.6514	116.9972	-210.3	407	QF	0	0	0	0	75	20.5	2714	68	213	235	3.132	0.906	0.289	12.6	24.68
768	40.6509	116.9973	-212.0	406	QF	0	0	0	0	66	20.5	2735	81	150	229	1.852	0.655	0.354	12.6	24.68
769	40.6503	116.9973	-215.8	412	QF	0	0	0	0	69	20.5	2604	75	188	193	2.507	0.974	0.389	12.6	24.67

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
770	40.6498	116.9973	-220.1	408	QF	0	0	0	0	77	20.5	2611	61	195	176	3.197	1.108	0.347	12.5	24.67
771	40.6492	116.9973	-221.2	413	QF	0	0	0	0	83	25.6	2701	55	158	252	2.873	0.627	0.218	12.5	24.67
772	40.6486	116.9973	-221.7	409	QF	0	0	0	0	75	25.5	2610	68	212	171	3.118	1.240	0.398	12.6	24.67
773	40.6481	116.9973	-223.4	410	QF	0	0	0	0	79	25.5	2669	64	180	218	2.813	0.826	0.294	12.6	24.67
774	40.6475	116.9973	-226.1	407	QF	0	0	0	0	71	25.5	2644	37	194	219	5.243	0.886	0.169	12.6	24.67
775	40.6469	116.9973	-229.3	409	QF	0	0	0	0	86	25.5	2682	73	97	268	1.329	0.362	0.272	12.6	24.67
776	40.6464	116.9973	-229.5	408	QF	0	0	0	0	77	25.5	2592	58	168	206	2.897	0.816	0.282	12.6	24.67
777	40.6458	116.9973	-231.9	415	QF	0	0	0	0	86	25.6	2643	64	164	224	2.563	0.732	0.286	12.6	24.66
778	40.6452	116.9973	-232.8	412	QF	0	0	0	0	80	25.5	2719	55	249	157	4.527	1.586	0.350	12.6	24.66
779	40.6447	116.9973	-231.8	414	QF	0	0	0	0	73	25.6	2800	59	151	285	2.559	0.530	0.207	12.6	24.66
780	40.6441	116.9973	-232.7	411	QF	0	0	0	0	79	25.5	2620	61	172	206	2.820	0.835	0.296	12.6	24.66
781	40.6435	116.9973	-234.6	415	QF	0	0	0	0	86	25.6	2702	67	161	212	2.403	0.759	0.316	12.6	24.66
782	40.6430	116.9973	-233.6	413	QF	0	0	0	0	81	25.6	2662	68	160	232	2.353	0.690	0.293	12.6	24.66
783	40.6424	116.9973	-234.3	414	QF	0	0	0	0	87	25.6	2790	60	212	229	3.533	0.926	0.262	12.5	24.66
784	40.6418	116.9973	-234.7	416	QF	0	0	0	0	83	25.6	2755	41	182	242	4.439	0.752	0.169	12.5	24.66
785	40.6413	116.9973	-232.9	420	QF	0	0	0	0	77	25.6	2699	77	225	194	2.922	1.160	0.397	12.5	24.66
786	40.6407	116.9973	-235.8	423	QF	0	0	0	0	82	25.6	2747	55	233	219	4.236	1.064	0.251	12.5	24.66
787	40.6401	116.9973	-235.7	427	QF	0	0	0	0	83	25.6	2853	57	188	223	3.298	0.843	0.256	12.5	24.65
788	40.6396	116.9973	-234.5	439	QF	0	0	0	0	74	25.6	2733	49	202	221	4.122	0.914	0.222	12.5	24.65
789	40.6390	116.9973	-237.8	434	QF	0	0	0	0	78	25.6	2847	52	231	199	4.442	1.161	0.261	12.4	24.64
790	40.6384	116.9973	-237.0	430	QF	0	0	0	0	69	24.5	2834	72	191	224	2.653	0.853	0.321	12.4	24.64
791	40.6379	116.9973	-238.3	421	QF	0	0	0	0	78	24.5	2829	51	133	260	2.608	0.512	0.196	12.4	24.65
792	40.6373	116.9973	-241.7	420	QF	0	0	0	0	85	24.5	2724	67	108	267	1.612	0.404	0.251	12.4	24.65
793	40.6368	116.9973	-241.5	410	QF	0	0	0	0	76	24.5	2619	48	171	272	3.563	0.629	0.176	12.4	24.65
794	40.6362	116.9973	-241.5	408	QF	0	0	0	0	74	24.5	2615	48	250	205	5.208	1.220	0.234	12.3	24.65
795	40.6356	116.9973	-246.3	394	QF	0	0	0	0	76	24.4	2418	61	149	176	2.443	0.847	0.347	12.3	24.66
796	40.6351	116.9973	-241.0	388	QF	0	0	0	0	87	24.4	2464	60	139	229	2.317	0.607	0.262	12.3	24.66
797	40.6345	116.9973	-243.0	378	QF	0	0	0	0	81	24.4	2424	54	157	206	2.907	0.762	0.262	12.3	24.66
798	40.6339	116.9973	-246.0	376	QF	0	0	0	0	86	24.4	2411	56	157	204	2.804	0.770	0.275	12.3	24.66
799	40.6334	116.9973	-246.0	365	QF	0	0	0	0	78	24.4	2453	51	234	189	4.588	1.238	0.270	12.3	24.67
800	40.6328	116.9973	-247.5	361	PIPA	0	0	0	0	80	24.3	2548	63	243	154	3.857	1.578	0.409	12.3	24.67
801	40.6322	116.9973	-246.7	357	PIPA	0	0	0	0	84	24.3	2413	57	196	171	3.439	1.146	0.333	12.3	24.66
802	40.6317	116.9973	-245.7	358	PIPA	0	0	0	0	76	24.3	2384	69	153	164	2.217	0.933	0.421	12.3	24.66
803	40.6311	116.9973	-244.9	351	PIPA	0	0	0	0	68	24.3	2481	62	142	209	2.290	0.679	0.297	12.3	24.66
804	40.6305	116.9973	-243.1	348	PIPA	0	0	0	0	77	24.3	2386	64	153	183	2.391	0.836	0.350	12.3	24.65
805	40.6300	116.9973	-246.1	345	PIPA	0	0	0	0	88	24.3	2386	40	177	185	4.425	0.957	0.216	12.3	24.64
806	40.6295	116.9973	-246.1	343	PIPA	0	0	0	0	75	24.3	2307	49	207	169	4.224	1.225	0.290	12.3	24.64
807	40.6291	116.9973	-242.6	341	PIPA	0	0	0	0	68	24.3	2348	57	140	191	2.456	0.733	0.298	12.3	24.64
808	40.6286	116.9973	-243.7	334	PIPA	0	0	0	0	82	24.3	2281	64	124	164	1.938	0.756	0.390	12.2	24.64
809	40.6282	116.9973	-244.9	317	PIPA	0	0	0	0	84	19.9	2181	45	108	212	2.400	0.509	0.212	12.2	24.64
810	40.6278	116.9973	-246.9	316	PIPA	0	0	0	0	80	19.9	2299	50	173	180	3.460	0.961	0.278	12.2	24.65
811	40.6273	116.9973	-245.1	320	PIPA	0	0	0	0	78	19.9	2221	56	146	162	2.607	0.901	0.346	12.2	24.64
812	40.6269	116.9973	-241.9	320	PIPA	0	0	0	0	77	19.9	2390	54	74	243	1.370	0.305	0.222	12.2	24.64
813	40.6264	116.9973	-246.0	332	PIPA	0	0	0	0	78	19.9	2465	53	149	209	2.811	0.713	0.254	12.1	24.64
814	40.6260	116.9974	-242.5	335	PIPA	0	0	0	0	80	19.9	2447	56	192	209	3.429	0.919	0.268	12.1	24.63
815	40.6256	116.9974	-244.0	335	PIPA	0	0	0	0	81	19.9	2435	46	128	244	2.783	0.525	0.189	12.1	24.62
816	40.6251	116.9974	-242.3	330	PIPA	0	0	0	0	83	19.9	2320	64	105	225	1.641	0.467	0.284	12.0	24.61
817	40.6247	116.9974	-242.2	320	PIPA	0	0	0	0	75	19.9	2458	30	258	148	8.600	1.743	0.203	12.0	24.61
818	40.6242	116.9974	-238.0	285	PIPA	0	0	0	0	72	19.9	2299	58	136	183	2.345	0.743	0.317	12.1	24.59
819	40.6238	116.9974	-230.2	260	PIPA	0	0	0	0	83	19.9	2483	53	153	198	2.887	0.773	0.268	12.1	24.56
820	40.6234	116.9974	-300.6	245	QF	0	0	0	0	75	19.9	2507	82	155	215	1.890	0.721	0.381	12.1	24.57
821	40.6229	116.9974	-348.5	258	QF	0	0	0	0	73	19.9	2824	97	136	245	1.402	0.555	0.396	12.1	24.57
822	40.6225	116.9974	-353.0	282	QF	0	0	0	0	89	19.9	2674	61	161	284	2.639	0.567	0.215	12.1	24.56
823	40.6220	116.9974	-322.5	316	QF	0	0	0	0	87	19.9	2726	78	172	230	2.205	0.748	0.339	12.1	24.56

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
824	40.6216	116.9974	-284.9	326	QF	0	0	0	0	77	19.9	2418	48	216	180	4.500	1.200	0.267	12.0	24.56
825	40.6211	116.9974	-263.1	334	QF	0	0	0	0	73	19.9	2389	74	184	118	2.486	1.559	0.627	12.0	24.55
826	40.6207	116.9974	-251.5	356	QF	0	0	0	0	84	19.9	2274	28	208	191	7.429	1.089	0.147	12.0	24.54
827	40.6203	116.9974	-247.0	377	QF	0	0	0	0	86	19.9	2396	59	170	177	2.881	0.960	0.333	12.0	24.54
828	40.6198	116.9974	-242.6	375	QF	0	0	0	0	76	16.5	2367	44	196	183	4.455	1.071	0.240	12.0	24.54
829	40.6194	116.9974	-242.3	381	QF	0	0	0	0	77	16.5	2534	74	75	273	1.014	0.275	0.271	12.0	24.53
830	40.6189	116.9974	-239.7	385	QF	0	0	0	0	83	16.5	2536	66	143	235	2.167	0.609	0.281	12.0	24.53
831	40.6185	116.9974	-237.9	392	TC2	0	0	0	0	76	16.5	2591	83	138	195	1.663	0.708	0.426	12.0	24.53
832	40.6181	116.9974	-232.9	396	TC2	0	0	0	0	86	16.5	2746	72	144	232	2.000	0.621	0.310	11.9	24.52
833	40.6176	116.9974	-229.4	405	TC2	0	0	0	0	83	16.5	2679	61	227	197	3.721	1.152	0.310	11.9	24.50
834	40.6172	116.9974	-222.5	416	TC2	0	0	0	0	75	16.4	2727	52	184	281	3.538	0.655	0.185	11.9	24.49
835	40.6167	116.9974	-217.0	424	TC2	0	0	0	0	78	16.4	2863	71	156	297	2.197	0.525	0.239	11.9	24.50
836	40.6163	116.9974	-208.4	432	TC2	0	0	0	0	77	16.4	2892	63	139	283	2.206	0.491	0.223	11.9	24.49
837	40.6159	116.9974	-200.6	437	TC2	0	0	0	0	84	16.4	2945	95	226	168	2.379	1.345	0.565	11.9	24.48
838	40.6154	116.9974	-190.8	444	TC2	0	0	0	0	77	16.4	3100	92	184	278	2.000	0.662	0.331	11.9	24.48
839	40.6150	116.9974	-187.3	449	TC2	0	0	0	0	78	16.4	3153	104	157	305	1.510	0.515	0.341	11.9	24.48
840	40.6145	116.9974	-183.2	461	TC2	0	0	0	0	71	16.3	3251	101	175	273	1.733	0.641	0.370	11.9	24.47
841	40.6141	116.9974	-192.2	468	TC2	0	0	0	0	71	16.3	3305	94	254	313	2.702	0.812	0.300	11.8	24.45
842	40.6136	116.9974	-211.7	464	TC2	0	0	0	0	86	16.3	3301	104	182	270	1.750	0.674	0.385	11.9	24.45
843	40.6132	116.9974	-231.2	439	TC2	0	0	0	0	82	16.4	3355	109	175	299	1.606	0.585	0.365	11.8	24.44
844	40.6128	116.9974	-239.6	422	TC2	0	0	0	0	81	16.4	3558	120	218	270	1.817	0.807	0.444	11.9	24.43
845	40.6123	116.9974	-233.0	407	TC2	0	0	0	0	81	16.4	3613	92	266	344	2.891	0.773	0.267	11.9	24.43
846	40.6119	116.9974	-204.9	420	TC2	0	0	0	0	81	16.4	3651	106	253	303	2.387	0.835	0.350	11.9	24.42
847	40.6114	116.9974	-161.0	441	TC2	0	0	0	0	79	16.5	3771	97	206	428	2.124	0.481	0.227	11.9	24.41
848	40.6110	116.9974	-108.7	443	TC2	0	0	0	0	86	16.5	3898	130	274	297	2.108	0.923	0.438	11.9	24.41
849	40.6106	116.9974	-56.8	397	TC2	0	0	0	0	82	16.5	3791	113	272	327	2.407	0.832	0.346	11.8	24.40
850	40.6101	116.9974	-21.4	336	TC2	0	0	0	0	78	16.7	3426	125	161	360	1.288	0.447	0.347	11.8	24.39
851	40.6097	116.9974	-14.6	281	TC2	0	0	0	0	95	16.8	3409	104	170	387	1.635	0.439	0.269	11.8	24.38
852	40.6092	116.9974	-61.1	247	TC2	0	0	0	0	76	16.9	3305	103	280	268	2.718	1.045	0.384	11.8	24.37
853	40.6088	116.9974	-194.2	234	TC2	0	0	0	0	91	16.9	3144	95	254	293	2.674	0.867	0.324	11.8	24.35
854	40.6084	116.9974	-350.1	247	TC2	0	0	0	0	89	16.9	3280	110	158	322	1.436	0.491	0.342	11.8	24.33
855	40.6079	116.9974	-401.4	272	TC2	0	0	0	0	93	16.8	3357	97	216	333	2.227	0.649	0.291	11.7	24.32
856	40.6075	116.9974	-370.7	299	TC2	0	0	0	0	95	16.8	3353	96	251	334	2.615	0.751	0.287	11.6	24.30
857	40.6070	116.9974	-289.7	328	TC2	0	0	0	0	81	16.7	3333	113	181	340	1.602	0.532	0.332	11.6	24.29
858	40.6066	116.9974	-249.8	350	TC2	0	0	0	0	97	16.6	3323	109	247	270	2.266	0.915	0.404	11.7	24.30
859	40.6061	116.9974	-211.6	377	TC2	0	0	0	0	95	16.6	3528	107	228	328	2.131	0.695	0.326	11.7	24.30
860	40.6057	116.9974	-186.5	395	TC2	0	0	0	0	74	16.5	3536	105	276	321	2.629	0.860	0.327	11.7	24.29
861	40.6053	116.9974	-164.3	413	TC2	0	0	0	0	84	16.5	3641	116	244	306	2.103	0.797	0.379	11.7	24.30
862	40.6048	116.9974	-144.5	417	TC2	0	0	0	0	84	16.5	3564	102	218	398	2.137	0.548	0.256	11.8	24.30
863	40.6044	116.9974	-124.8	422	TC2	0	0	0	0	93	16.5	3652	114	230	327	2.018	0.703	0.349	11.8	24.32
864	40.6039	116.9974	-111.8	423	TC2	0	0	0	0	80	16.5	3575	105	224	347	2.133	0.646	0.303	11.8	24.32
865	40.6035	116.9974	-109.7	430	TC2	0	0	0	0	88	16.5	3570	98	301	332	3.071	0.907	0.295	11.8	24.32
866	40.6031	116.9974	-109.7	432	TC2	0	0	0	0	88	26.3	3626	104	253	372	2.433	0.680	0.280	11.8	24.32
867	40.6026	116.9974	-103.4	438	TC2	0	0	0	0	84	26.3	3557	123	208	317	1.691	0.656	0.388	11.8	24.33
868	40.6022	116.9974	-89.0	435	QF	0	0	0	0	79	26.3	3611	110	216	331	1.964	0.653	0.332	11.7	24.34
869	40.6017	116.9974	-78.0	437	QF	0	0	0	0	76	26.3	3574	119	182	330	1.529	0.552	0.361	11.7	24.35
870	40.6013	116.9974	-73.5	431	QF	0	0	0	0	75	26.3	3615	110	204	375	1.855	0.544	0.293	11.7	24.36
871	40.6009	116.9974	-79.7	433	QF	0	0	0	0	78	26.3	3613	121	235	301	1.942	0.781	0.402	11.7	24.37
872	40.6004	116.9975	-88.3	429	QF	0	0	0	0	84	26.3	3452	100	192	353	1.920	0.544	0.283	11.6	24.37
873	40.6000	116.9975	-103.8	429	QF	0	0	0	0	80	26.3	3316	99	241	311	2.434	0.775	0.318	11.6	24.39
874	40.5995	116.9975	-118.4	422	QF	0	0	0	0	81	26.3	3405	95	210	309	2.211	0.680	0.307	11.6	24.39
875	40.5991	116.9975	-118.4	418	QF	0	0	0	0	77	26.3	3272	92	185	330	2.011	0.561	0.279	11.6	24.40
876	40.5986	116.9975	-129.5	412	QF	0	0	0	0	81	26.2	3312	95	220	300	2.316	0.733	0.317	11.6	24.42
877	40.5982	116.9975	-135.0	406	QF	0	0	0	0	82	26.2	3409	102	210	343	2.059	0.612	0.297	11.5	24.43

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
878	40.5978	116.9975	-151.3	400	QF	0	0	0	0	83	26.2	3270	75	238	308	3.173	0.773	0.244	11.5	24.44
879	40.5973	116.9975	-165.1	399	QF	0	0	0	0	90	26.2	3166	114	180	237	1.579	0.759	0.481	11.5	24.45
880	40.5969	116.9975	-160.4	397	QF	0	0	0	0	76	26.2	3183	100	148	311	1.480	0.476	0.322	11.6	24.46
881	40.5964	116.9975	-150.7	395	QF	0	0	0	0	79	26.2	3151	78	220	311	2.821	0.707	0.251	11.5	24.47
882	40.5960	116.9975	-144.2	392	QF	0	0	0	0	75	26.2	3175	88	193	281	2.193	0.687	0.313	11.5	24.47
883	40.5956	116.9975	-157.2	388	QF	0	0	0	0	79	26.2	3123	87	211	250	2.425	0.844	0.348	11.6	24.48
884	40.5951	116.9975	-178.5	387	QF	0	0	0	0	86	26.1	3131	91	229	283	2.516	0.809	0.322	11.6	24.49
885	40.5947	116.9975	-198.5	385	QF	0	0	0	0	81	30.6	3198	94	176	284	1.872	0.620	0.331	11.6	24.50
886	40.5942	116.9975	-201.1	380	QF	0	0	0	0	81	30.6	3209	80	177	336	2.213	0.527	0.238	11.6	24.51
887	40.5938	116.9975	-193.4	371	QF	0	0	0	0	73	30.5	3151	103	157	304	1.524	0.516	0.339	11.5	24.52
888	40.5934	116.9975	-180.9	369	QF	0	0	0	0	74	30.5	3094	81	217	299	2.679	0.726	0.271	11.5	24.53
889	40.5929	116.9975	-171.3	362	QF	0	0	0	0	88	30.5	3117	64	228	272	3.563	0.838	0.235	11.5	24.54
890	40.5925	116.9975	-167.3	355	QF	0	0	0	0	74	30.4	3004	90	128	307	1.422	0.417	0.293	11.5	24.55
891	40.5920	116.9975	-168.2	342	QF	0	0	0	0	80	30.3	2964	87	130	290	1.494	0.448	0.300	11.4	24.55
892	40.5916	116.9975	-171.0	338	QF	0	0	0	0	83	30.3	2872	66	235	246	3.561	0.955	0.268	11.5	24.56
893	40.5911	116.9975	-176.8	329	QF	0	0	0	0	76	30.2	2928	86	120	318	1.395	0.377	0.270	11.5	24.57
894	40.5907	116.9975	-181.8	328	QF	0	0	0	0	65	30.2	2948	85	206	249	2.424	0.827	0.341	11.5	24.57
895	40.5903	116.9975	-191.9	321	QF	0	0	0	0	86	30.2	2875	70	212	232	3.029	0.914	0.302	11.4	24.57
896	40.5898	116.9975	-197.7	322	QF	0	0	0	0	76	30.2	2886	80	154	265	1.925	0.581	0.302	11.4	24.58
897	40.5894	116.9975	-202.9	318	QF	0	0	0	0	89	30.2	2838	95	112	252	1.179	0.444	0.377	11.4	24.58
898	40.5889	116.9975	-204.7	317	QF	0	0	0	0	74	30.1	2837	64	228	260	3.563	0.877	0.246	11.4	24.58
899	40.5885	116.9975	-204.5	313	QF	0	0	0	0	79	30.1	2795	73	164	265	2.247	0.619	0.275	11.4	24.59
900	40.5880	116.9975	-205.5	312	QF	0	0	0	0	76	30.1	2954	82	160	290	1.951	0.552	0.283	11.4	24.59
901	40.5876	116.9975	-205.0	311	QF	0	0	0	0	73	30.1	2888	79	139	289	1.759	0.481	0.273	11.4	24.59
902	40.5871	116.9975	-203.0	314	QF	0	0	0	0	85	30.1	2811	71	238	231	3.352	1.030	0.307	11.4	24.59
903	40.5867	116.9975	-201.5	311	QF	0	0	0	0	76	30.1	2897	70	197	278	2.814	0.709	0.252	11.4	24.59
904	40.5862	116.9975	-200.5	312	QF	0	0	0	0	70	25.7	2892	99	132	262	1.333	0.504	0.378	11.3	24.60
905	40.5858	116.9975	-200.3	314	QF	0	0	0	0	78	25.7	2886	87	196	228	2.253	0.860	0.382	11.3	24.60
906	40.5853	116.9975	-198.5	318	QF	0	0	0	0	75	25.7	2834	107	113	266	1.056	0.425	0.402	11.3	24.60
907	40.5849	116.9975	-196.5	320	QF	0	0	0	0	76	25.7	2989	70	146	300	2.086	0.487	0.233	11.4	24.60
908	40.5844	116.9975	-197.2	319	QF	0	0	0	0	71	25.7	2913	76	131	287	1.724	0.456	0.265	11.4	24.60
909	40.5840	116.9975	-196.2	319	QF	0	0	0	0	72	25.7	2790	68	193	284	2.838	0.680	0.239	11.3	24.60
910	40.5835	116.9975	-197.5	320	QF	0	0	0	0	76	25.7	2841	66	216	263	3.273	0.821	0.251	11.4	24.60
911	40.5831	116.9975	-199.2	324	QF	0	0	0	0	81	25.7	2821	77	142	272	1.844	0.522	0.283	11.4	24.60
912	40.5826	116.9975	-198.0	325	QF	0	0	0	0	72	25.7	2875	82	139	271	1.695	0.513	0.303	11.5	24.60
913	40.5821	116.9975	-197.7	325	QF	0	0	0	0	69	25.7	2855	90	170	266	1.889	0.639	0.338	11.5	24.61
914	40.5817	116.9975	-197.3	319	QF	0	0	0	0	78	25.7	2943	96	154	264	1.604	0.583	0.364	11.5	24.61
915	40.5812	116.9975	-198.5	318	QF	0	0	0	0	77	25.7	2750	61	214	238	3.508	0.899	0.256	11.4	24.62
916	40.5808	116.9975	-200.9	308	QF	0	0	0	0	81	25.7	2926	80	132	277	1.650	0.477	0.289	11.4	24.62
917	40.5803	116.9975	-203.1	307	QF	0	0	0	0	65	25.7	2906	69	185	319	2.721	0.580	0.213	11.4	24.63
918	40.5799	116.9975	-207.2	302	QF	0	0	0	0	67	25.7	2823	86	178	246	2.070	0.724	0.350	11.5	24.63
919	40.5794	116.9975	-211.4	300	QF	0	0	0	0	85	25.6	2867	89	80	350	0.899	0.229	0.254	11.5	24.64
920	40.5790	116.9975	-214.5	293	QF	0	0	0	0	79	25.6	3000	80	186	294	2.325	0.633	0.272	11.5	24.64
921	40.5785	116.9975	-218.0	294	QF	0	0	0	0	72	25.6	2905	68	182	286	2.676	0.636	0.238	11.5	24.64
922	40.5781	116.9975	-219.8	292	QF	0	0	0	0	80	25.6	2882	86	175	299	2.035	0.585	0.288	11.5	24.65
923	40.5776	116.9975	-221.3	292	QF	0	0	0	0	75	21.8	3154	91	177	266	1.945	0.665	0.342	11.5	24.65
924	40.5772	116.9975	-222.3	290	QF	0	0	0	0	73	21.8	2992	102	158	276	1.549	0.572	0.370	11.6	24.65
925	40.5767	116.9975	-225.0	292	QF	0	0	0	0	71	21.8	2909	87	163	293	1.874	0.556	0.297	11.7	24.65
926	40.5763	116.9975	-222.3	294	QF	0	0	0	0	72	21.8	2878	77	185	286	2.403	0.647	0.269	11.7	24.65
927	40.5758	116.9975	-220.5	299	QF	0	0	0	0	80	21.8	2894	99	152	284	1.535	0.535	0.349	11.7	24.65
928	40.5754	116.9976	-219.3	296	QF	0	0	0	0	83	21.8	2806	83	280	210	3.373	1.333	0.395	11.7	24.65
929	40.5749	116.9976	-217.0	297	QF	0	0	0	0	77	21.8	2844	82	205	262	2.500	0.782	0.313	11.8	24.65
930	40.5745	116.9976	-215.0	293	QF	0	0	0	0	73	21.8	2739	66	201	292	3.045	0.688	0.226	11.7	24.66
931	40.5740	116.9976	-214.5	292	QF	0	0	0	0	80	21.8	2754	50	259	246	5.180	1.053	0.203	11.7	24.66

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
932	40.5736	116.9976	-214.1	291	QF	0	0	0	0	75	21.8	2768	84	256	246	3.048	1.041	0.341	11.7	24.66
933	40.5731	116.9976	-209.3	291	QF	0	0	0	0	79	21.8	2872	77	218	237	2.831	0.920	0.325	11.7	24.67
934	40.5727	116.9976	-208.6	290	QF	0	0	0	0	86	21.8	2813	89	58	323	0.652	0.180	0.276	11.7	24.67
935	40.5722	116.9976	-205.3	290	QF	0	0	0	0	84	21.8	2827	79	143	328	1.810	0.436	0.241	11.8	24.67
936	40.5718	116.9976	-201.5	295	QF	0	0	0	0	83	21.8	2891	78	161	287	2.064	0.561	0.272	11.8	24.66
937	40.5713	116.9976	-203.8	299	QF	0	0	0	0	88	21.8	2718	69	214	209	3.101	1.024	0.330	11.7	24.66
938	40.5709	116.9976	-201.2	305	QF	0	0	0	0	82	21.8	2726	77	141	276	1.831	0.511	0.279	11.8	24.66
939	40.5704	116.9976	-198.7	304	QF	0	0	0	0	85	21.8	2674	84	95	284	1.131	0.335	0.296	11.8	24.66
940	40.5700	116.9976	-197.7	306	QF	0	0	0	0	85	21.8	2788	68	207	221	3.044	0.937	0.308	11.8	24.66
941	40.5695	116.9976	-196.0	304	QF	0	0	0	0	74	21.8	2755	89	197	212	2.213	0.929	0.420	11.7	24.66
942	40.5691	116.9976	-194.7	307	QF	0	0	0	0	77	16.3	2729	78	230	231	2.949	0.996	0.338	11.8	24.66
943	40.5686	116.9976	-193.0	307	QF	0	0	0	0	85	16.3	2691	71	196	265	2.761	0.740	0.268	11.7	24.66
944	40.5682	116.9976	-192.7	312	QF	0	0	0	0	69	16.3	2727	84	192	247	2.286	0.777	0.340	11.8	24.66
945	40.5677	116.9976	-191.5	309	QF	0	0	0	0	80	16.3	2657	80	200	235	2.500	0.851	0.340	11.8	24.66
946	40.5673	116.9976	-189.2	308	QF	0	0	0	0	71	16.3	2678	56	194	291	3.464	0.667	0.192	11.8	24.66
947	40.5668	116.9976	-188.5	304	QF	0	0	0	0	80	16.3	2663	75	197	248	2.627	0.794	0.302	11.8	24.67
948	40.5663	116.9976	-186.0	307	QF	0	0	0	0	85	16.3	2757	63	234	248	3.714	0.944	0.254	11.9	24.67
949	40.5659	116.9976	-185.8	303	QF	0	0	0	0	82	16.3	2858	62	116	308	1.871	0.377	0.201	11.8	24.67
950	40.5654	116.9976	-184.3	303	QF	0	0	0	0	80	16.3	2721	71	183	262	2.577	0.698	0.271	11.8	24.67
951	40.5650	116.9976	-184.3	300	QF	0	0	0	0	80	16.3	2674	52	196	226	3.769	0.867	0.230	11.8	24.67
952	40.5645	116.9976	-181.3	306	QF	0	0	0	0	72	16.3	2700	75	222	253	2.960	0.877	0.296	11.8	24.67
953	40.5641	116.9976	-180.8	305	QF	0	0	0	0	71	16.3	2597	84	136	233	1.619	0.584	0.361	11.8	24.67
954	40.5636	116.9976	-176.5	306	QF	0	0	0	0	86	16.3	2807	72	211	241	2.931	0.876	0.299	11.8	24.67
955	40.5632	116.9976	-174.3	306	QF	0	0	0	0	85	16.3	2754	61	232	221	3.803	1.050	0.276	11.8	24.67
956	40.5627	116.9976	-172.0	310	QF	0	0	0	0	76	16.3	2591	76	120	232	1.579	0.517	0.328	11.8	24.67
957	40.5623	116.9976	-170.5	312	QF	0	0	0	0	74	16.3	2679	73	144	251	1.973	0.574	0.291	11.7	24.67
958	40.5618	116.9976	-167.3	310	QF	0	0	0	0	83	16.3	2736	81	134	287	1.654	0.467	0.282	11.7	24.67
959	40.5614	116.9976	-164.3	309	QF	0	0	0	0	82	16.3	2712	74	213	242	2.878	0.880	0.306	11.6	24.67
960	40.5609	116.9976	-161.5	311	QF	0	0	0	0	71	16.3	2686	66	139	240	2.106	0.579	0.275	11.7	24.67
961	40.5605	116.9976	-158.5	312	QF	0	0	0	0	75	19.2	2745	75	168	288	2.240	0.583	0.260	11.6	24.68
962	40.5600	116.9976	-158.3	310	QF	0	0	0	0	83	19.2	2739	55	143	269	2.600	0.532	0.204	11.6	24.68
963	40.5596	116.9976	-156.5	313	QF	0	0	0	0	74	19.2	2669	76	210	208	2.763	1.010	0.365	11.6	24.68
964	40.5591	116.9976	-154.8	312	QF	0	0	0	0	70	19.2	2740	70	240	220	3.429	1.091	0.318	11.5	24.67
965	40.5587	116.9976	-152.0	319	QF	0	0	0	0	66	19.2	2713	77	153	250	1.987	0.612	0.308	11.5	24.67
966	40.5582	116.9976	-150.9	324	QF	0	0	0	0	82	19.2	2701	78	120	277	1.538	0.433	0.282	11.5	24.67
967	40.5578	116.9976	-150.6	329	QF	0	0	0	0	72	19.2	2639	72	183	265	2.542	0.691	0.272	11.5	24.67
968	40.5573	116.9976	-147.6	329	QF	0	0	0	0	81	19.2	2668	58	220	229	3.793	0.961	0.253	11.5	24.67
969	40.5569	116.9976	-148.1	335	QF	0	0	0	0	80	19.2	2689	69	126	286	1.826	0.441	0.241	11.5	24.67
970	40.5564	116.9976	-147.3	335	QF	0	0	0	0	80	19.2	2794	70	180	239	2.571	0.753	0.293	11.5	24.66
971	40.5560	116.9976	-150.3	342	QF	0	0	0	0	82	19.2	2760	60	192	255	3.200	0.753	0.235	11.5	24.65
972	40.5555	116.9976	-151.8	344	QF	0	0	0	0	76	19.2	2957	79	204	233	2.582	0.876	0.339	11.6	24.65
973	40.5551	116.9976	-156.8	347	QF	0	0	0	0	77	19.2	2851	68	218	214	3.206	1.019	0.318	11.6	24.66
974	40.5546	116.9976	-160.3	346	QF	0	0	0	0	78	19.2	2808	63	157	286	2.492	0.549	0.220	11.7	24.66
975	40.5542	116.9976	-163.8	342	QF	0	0	0	0	79	19.2	2845	92	158	245	1.717	0.645	0.376	11.7	24.67
976	40.5537	116.9976	-171.1	339	QF	0	0	0	0	88	19.2	2852	99	142	229	1.434	0.620	0.432	11.7	24.67
977	40.5533	116.9976	-179.1	340	QF	0	0	0	0	81	19.2	2800	69	256	201	3.710	1.274	0.343	11.7	24.67
978	40.5528	116.9976	-187.8	338	QF	0	0	0	0	74	19.2	2827	75	157	271	2.093	0.579	0.277	11.7	24.67
979	40.5524	116.9976	-196.1	337	QF	0	0	0	0	73	19.2	2897	80	143	320	1.787	0.447	0.250	11.8	24.67
980	40.5519	116.9976	-202.6	340	QF	0	0	0	0	76	21.6	2765	80	235	232	2.938	1.013	0.345	11.8	24.67
981	40.5515	116.9976	-209.3	344	QF	0	0	0	0	75	21.6	2819	83	140	260	1.687	0.538	0.319	11.8	24.67
982	40.5510	116.9976	-216.3	347	QF	0	0	0	0	75	21.6	3023	77	214	237	2.779	0.903	0.325	11.8	24.66
983	40.5505	116.9976	-229.?	345	QF	0	0	0	0	77	21.6	2817	73	222	235	3.041	0.945	0.311	11.8	24.67
984	40.5501	116.9977	-233.1	347	QF	0	0	0	0	82	21.6	2896	57	175	310	3.070	0.565	0.184	11.9	24.66
985	40.5496	116.9977	-237.?	346	QF	0	0	0	0	81	21.6	2935	96	161	263	1.677	0.612	0.365	11.8	24.66

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
986	40.5492	116.9977	-239.3	351	QF	0	0	0	0	78	21.6	3010	76	197	259	2.592	0.761	0.293	11.8	24.66
987	40.5487	116.9977	-236.7	355	QF	0	0	0	0	72	21.6	2796	76	191	240	2.513	0.796	0.317	11.8	24.66
988	40.5483	116.9977	-235.5	359	QF	0	0	0	0	78	21.7	2801	64	175	292	2.734	0.599	0.219	11.8	24.66
989	40.5478	116.9977	-234.5	355	QF	0	0	0	0	80	21.7	2949	75	160	267	2.133	0.599	0.281	11.8	24.66
990	40.5474	116.9977	-232.4	364	QF	0	0	0	0	77	21.7	2809	63	211	266	3.349	0.793	0.237	11.9	24.66
991	40.5469	116.9977	-230.9	362	QF	0	0	0	0	74	21.7	2891	87	180	260	2.069	0.692	0.335	11.9	24.66
992	40.5465	116.9977	-223.4	363	QF	0	0	0	0	85	21.7	2949	59	220	245	3.729	0.898	0.241	11.9	24.66
993	40.5460	116.9977	-222.5	359	QF	0	0	0	0	74	21.7	2937	97	140	241	1.443	0.581	0.402	11.9	24.66
994	40.5456	116.9977	-218.7	364	QF	0	0	0	0	85	21.7	2897	84	151	287	1.798	0.526	0.293	11.9	24.66
995	40.5451	116.9977	-214.9	363	QF	0	0	0	0	77	21.7	2892	87	225	201	2.586	1.119	0.433	11.9	24.66
996	40.5447	116.9977	-209.4	367	QF	0	0	0	0	81	21.7	2944	77	193	236	2.506	0.818	0.326	11.9	24.66
997	40.5442	116.9977	-206.4	365	QF	0	0	0	0	73	21.7	3082	74	196	300	2.649	0.653	0.247	11.9	24.66
998	40.5438	116.9977	-202.2	367	QF	0	0	0	0	82	21.7	2919	64	158	292	2.469	0.541	0.219	11.8	24.66
999	40.5433	116.9977	-201.9	367	QF	0	0	0	0	79	28.2	2893	72	147	270	2.042	0.544	0.267	11.8	24.66
1000	40.5429	116.9977	-198.2	368	QF	0	0	0	0	83	28.2	2730	86	62	309	0.721	0.201	0.278	11.9	24.66
1001	40.5424	116.9977	-196.5	361	QF	0	0	0	0	75	28.2	2731	68	179	276	2.632	0.649	0.246	11.8	24.67
1002	40.5420	116.9977	-194.5	363	QF	0	0	0	0	70	28.2	2788	63	241	267	3.825	0.903	0.236	11.8	24.67
1003	40.5415	116.9977	-194.5	367	QF	0	0	0	0	82	28.2	2852	71	93	307	1.310	0.303	0.231	11.8	24.67
1004	40.5411	116.9977	-189.9	373	QF	0	0	0	0	67	28.2	2736	69	194	260	2.812	0.746	0.265	11.9	24.66
1005	40.5406	116.9977	-191.0	367	QF	0	0	0	0	73	28.2	3014	97	161	308	1.660	0.523	0.315	11.9	24.67
1006	40.5402	116.9977	-187.0	364	QF	0	0	0	0	81	28.2	2681	80	172	259	2.150	0.664	0.309	12.0	24.67
1007	40.5397	116.9977	-188.5	367	QF	0	0	0	0	71	28.2	2806	85	112	331	1.318	0.338	0.257	12.1	24.67
1008	40.5393	116.9977	-187.5	369	QF	0	0	0	0	74	28.2	2741	76	235	195	3.092	1.205	0.390	12.1	24.67
1009	40.5388	116.9977	-184.2	367	QF	0	0	0	0	78	28.2	2927	68	160	286	2.353	0.559	0.238	12.1	24.67
1010	40.5384	116.9977	-183.5	366	QF	0	0	0	0	70	28.2	2832	86	182	235	2.116	0.774	0.366	12.1	24.68
1011	40.5379	116.9977	-184.8	362	QF	0	0	0	0	82	28.2	2750	87	137	255	1.575	0.537	0.341	12.1	24.68
1012	40.5375	116.9977	-183.3	356	QF	0	0	0	0	74	28.2	2797	80	120	289	1.500	0.415	0.277	12.1	24.68
1013	40.5370	116.9977	-184.0	360	QF	0	0	0	0	81	28.2	2877	65	147	294	2.262	0.500	0.221	12.1	24.69
1014	40.5366	116.9977	-183.3	358	QF	0	0	0	0	75	28.2	2798	71	209	244	2.944	0.857	0.291	12.2	24.68
1015	40.5361	116.9977	-183.1	359	QF	0	0	0	0	80	28.2	2792	61	246	240	4.033	1.025	0.254	12.3	24.69
1016	40.5356	116.9977	-184.8	357	QF	0	0	0	0	73	28.2	2749	75	144	297	1.920	0.485	0.253	12.4	24.69
1017	40.5352	116.9977	-184.6	358	QA1	0	0	0	0	81	28.2	2735	65	139	279	2.138	0.498	0.233	12.4	24.68
1018	40.5347	116.9977	-184.6	355	QA1	0	0	0	0	77	32.8	2656	58	115	307	1.983	0.375	0.189	12.5	24.69
1019	40.5343	116.9977	-186.1	358	QA1	0	0	0	0	81	32.9	2741	48	131	333	2.729	0.393	0.144	12.6	24.69
1020	40.5338	116.9977	-189.1	352	QA1	0	0	0	0	76	32.8	2669	57	210	258	3.684	0.814	0.221	12.6	24.69
1021	40.5334	116.9977	-192.9	354	QA1	0	0	0	0	81	32.8	2792	68	83	334	1.221	0.249	0.204	12.7	24.69
1022	40.5329	116.9977	-196.2	351	QA1	0	0	0	0	77	32.8	2645	62	194	227	3.129	0.855	0.273	12.8	24.69
1023	40.5325	116.9977	-195.1	354	QA1	0	0	0	0	70	32.8	2593	69	155	223	2.246	0.695	0.309	12.8	24.69
1024	40.5320	116.9977	-197.1	355	QA1	0	0	0	0	73	32.8	2634	52	180	222	3.462	0.811	0.234	12.8	24.69
1025	40.5316	116.9977	-198.6	356	QA1	0	0	0	0	73	32.8	2543	65	157	189	2.415	0.831	0.344	12.7	24.69
1026	40.5311	116.9977	-199.4	352	QA1	0	0	0	0	81	32.8	2548	47	172	223	3.660	0.771	0.211	12.7	24.69
1027	40.5307	116.9977	-198.4	355	QA1	0	0	0	0	73	32.8	2464	64	133	231	2.078	0.576	0.277	12.6	24.70
1028	40.5302	116.9977	-200.9	355	QA1	0	0	0	0	69	32.8	2471	72	84	248	1.167	0.339	0.290	12.6	24.69
1029	40.5298	116.9977	-199.1	357	QA1	0	0	0	0	85	32.8	2548	52	137	244	2.635	0.561	0.213	12.7	24.69
1030	40.5293	116.9977	-198.1	359	QA1	0	0	0	0	81	32.9	2423	55	135	205	2.455	0.659	0.268	12.7	24.69
1031	40.5289	116.9977	-198.1	357	QA1	0	0	0	0	80	32.9	2394	65	117	191	1.800	0.613	0.340	12.6	24.69
1032	40.5284	116.9977	-199.4	358	QA1	0	0	0	0	71	32.9	2339	41	111	224	2.707	0.496	0.183	12.6	24.69
1033	40.5280	116.9977	-197.7	354	QA1	0	0	0	0	77	32.8	2328	53	121	228	2.283	0.531	0.232	12.6	24.69
1034	40.5275	116.9977	-194.9	356	QA1	0	0	0	0	76	32.8	2338	54	169	166	3.130	1.018	0.325	12.6	24.70
1035	40.5271	116.9977	-192.4	356	QA1	0	0	0	0	87	32.8	2335	53	103	187	1.943	0.551	0.283	12.6	24.69
1036	40.5266	116.9977	-190.3	364	QA1	0	0	0	0	76	32.9	2325	46	142	199	3.087	0.714	0.231	12.6	24.69
1037	40.5262	116.9977	-192.3	365	QA1	0	0	0	0	72	30.1	2553	68	134	190	1.971	0.705	0.358	12.7	24.68
1038	40.5257	116.9977	-190.5	373	QA1	0	0	0	0	81	30.1	2408	60	90	214	1.500	0.421	0.280	12.7	24.68
1039	40.5253	116.9977	-186.5	373	QA1	0	0	0	0	73	30.1	2297	69	79	207	1.145	0.382	0.333	12.7	24.68

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1040	40.5248	116.9978	-184.3	374	QA1	0	0	0	0	74	30.1	2445	46	137	221	2.978	0.620	0.208	12.7	24.69
1041	40.5244	116.9978	-184.5	373	QA1	0	0	0	0	73	30.1	2379	57	165	233	2.895	0.708	0.245	12.7	24.68
1042	40.5239	116.9978	-183.3	371	QA1	0	0	0	0	82	30.1	2426	46	121	234	2.630	0.517	0.197	12.7	24.68
1043	40.5235	116.9978	-181.4	369	QA1	0	0	0	0	78	30.0	2506	60	177	188	2.950	0.941	0.319	12.7	24.69
1044	40.5230	116.9978	-179.2	357	QA1	0	0	0	0	81	30.0	2333	53	144	213	2.717	0.676	0.249	12.7	24.70
1045	40.5226	116.9978	-181.7	354	QA1	0	0	0	0	72	30.0	2607	43	176	208	4.093	0.846	0.207	12.7	24.69
1046	40.5221	116.9978	-181.4	358	QA1	0	0	0	0	68	30.0	2429	74	174	191	2.351	0.911	0.387	12.7	24.69
1047	40.5217	116.9978	-182.6	361	QA1	0	0	0	0	81	30.1	2479	50	141	223	2.820	0.632	0.224	12.7	24.69
1048	40.5212	116.9978	-183.1	364	QA1	0	0	0	0	76	30.1	2442	63	125	211	1.984	0.592	0.299	12.7	24.68
1049	40.5208	116.9978	-184.4	368	QA1	0	0	0	0	72	30.1	2371	59	108	224	1.831	0.482	0.263	12.6	24.69
1050	40.5203	116.9978	-185.1	372	QA1	0	0	0	0	75	30.1	2388	53	176	205	3.321	0.859	0.259	12.7	24.68
1051	40.5198	116.9978	-189.8	371	QA1	0	0	0	0	73	30.1	2441	62	108	227	1.742	0.476	0.273	12.6	24.68
1052	40.5194	116.9978	-193.3	371	QA1	0	0	0	0	72	30.1	2467	63	134	212	2.127	0.632	0.297	12.6	24.68
1053	40.5189	116.9978	-193.9	369	QA1	0	0	0	0	77	30.1	2603	69	116	219	1.681	0.530	0.315	12.6	24.68
1054	40.5185	116.9978	-196.3	371	QA1	0	0	0	0	75	30.1	2710	65	148	265	2.277	0.558	0.245	12.6	24.68
1055	40.5180	116.9978	-199.9	367	QA1	0	0	0	0	79	30.1	2618	63	136	249	2.159	0.546	0.253	12.6	24.69
1056	40.5176	116.9978	-204.1	369	QA1	0	0	0	0	71	25.4	2752	65	120	269	1.846	0.446	0.242	12.6	24.69
1057	40.5171	116.9978	-208.4	370	QA1	0	0	0	0	82	25.4	2695	55	172	251	3.127	0.685	0.219	12.6	24.68
1058	40.5167	116.9978	-213.4	372	QA1	0	0	0	0	76	25.4	2572	52	153	243	2.942	0.630	0.214	12.5	24.69
1059	40.5162	116.9978	-221.3	376	QA1	0	0	0	0	72	25.4	2624	64	232	180	3.625	1.289	0.356	12.5	24.68
1060	40.5158	116.9978	-225.6	374	QA1	0	0	0	0	66	25.4	2652	57	99	297	1.737	0.333	0.192	12.5	24.68
1061	40.5153	116.9978	-232.5	381	QA1	0	0	0	0	77	25.4	2656	60	213	204	3.550	1.044	0.294	12.6	24.67
1062	40.5149	116.9978	-237.1	378	QA1	0	0	0	0	76	25.4	2600	63	123	266	1.952	0.462	0.237	12.6	24.68
1063	40.5144	116.9978	-241.6	380	QA1	0	0	0	0	74	25.4	2810	56	214	262	3.821	0.817	0.214	12.7	24.68
1064	40.5140	116.9978	-248.1	377	QA1	0	0	0	0	74	25.4	2797	76	85	286	1.118	0.297	0.266	12.7	24.68
1065	40.5135	116.9978	-252.8	380	QA1	0	0	0	0	79	25.4	2709	67	152	253	2.269	0.601	0.265	12.6	24.68
1066	40.5131	116.9978	-254.1	379	QA1	0	0	0	0	83	25.4	2786	68	120	292	1.765	0.411	0.233	12.5	24.68
1067	40.5126	116.9978	-254.8	384	QA1	0	0	0	0	81	25.4	2810	66	173	231	2.621	0.749	0.286	12.5	24.68
1068	40.5122	116.9978	-254.5	384	QA1	0	0	0	0	90	25.4	2716	68	122	238	1.794	0.513	0.286	12.4	24.67
1069	40.5117	116.9978	-251.2	387	QA1	0	0	0	0	75	25.4	2749	70	163	268	2.329	0.608	0.261	12.3	24.67
1070	40.5113	116.9978	-248.5	384	QA1	0	0	0	0	77	25.4	2647	65	218	206	3.354	1.058	0.316	12.2	24.67
1071	40.5108	116.9978	-243.7	388	QA1	0	0	0	0	77	25.4	2698	84	84	225	1.000	0.373	0.373	12.2	24.67
1072	40.5104	116.9978	-243.7	385	QA1	0	0	0	0	72	25.4	2577	57	104	229	1.825	0.454	0.249	12.1	24.67
1073	40.5099	116.9978	-243.7	389	QA1	0	0	0	0	85	25.4	2713	60	149	244	2.483	0.611	0.246	12.0	24.67
1074	40.5095	116.9978	-243.7	387	QA1	0	0	0	0	78	25.4	2761	79	83	280	1.051	0.296	0.282	11.9	24.67
1075	40.5090	116.9978	-243.7	391	QA1	0	0	0	0	84	24.4	2651	62	112	278	1.806	0.403	0.223	11.9	24.66
1076	40.5086	116.9978	-243.7	395	QA1	0	0	0	0	75	24.4	2740	61	151	280	2.475	0.539	0.218	11.9	24.65
1077	40.5081	116.9978	-243.7	402	QA1	0	0	0	0	75	24.4	2536	66	167	242	2.530	0.690	0.273	11.9	24.65
1078	40.5077	116.9978	-243.7	408	QA1	0	0	0	0	79	24.4	2538	67	155	193	2.313	0.803	0.347	11.9	24.65
1079	40.5072	116.9978	-243.7	414	QA1	0	0	0	0	71	24.4	2550	69	118	243	1.735	0.486	0.280	11.8	24.64
1080	40.5068	116.9978	-243.7	419	QA1	0	0	0	0	73	24.4	2445	55	153	207	2.722	0.739	0.266	11.8	24.64
1081	40.5063	116.9978	-243.7	423	QA1	0	0	0	0	84	24.4	2427	46	218	182	4.739	1.198	0.253	11.7	24.64
1082	40.5059	116.9978	-194.5	427	QA1	0	0	0	0	77	24.5	2390	67	147	192	2.194	0.766	0.349	11.7	24.63
1083	40.5054	116.9978	-192.2	432	QA1	0	0	0	0	85	24.5	2290	25	203	223	8.120	0.910	0.112	11.7	24.62
1084	40.5049	116.9978	-192.2	433	QA1	0	0	0	0	91	24.5	2515	35	287	150	8.200	1.913	0.233	11.7	24.63
1085	40.5045	116.9978	-192.2	431	QA1	0	0	0	0	81	24.5	2359	39	140	233	3.590	0.601	0 167	11.7	24.63
1086	40.5040	116.9978	-192.2	433	QA1	0	0	0	0	76	24.5	2461	43	150	236	3.488	0.636	0.182	11.7	24.63
1087	40.5036	116.9978	-192.2	433	QA1	0	0	0	0	77	24.5	2384	38	182	191	4.789	0.953	0.199	11.7	24.63
1088	40.5031	116.9978	-194.4	435	QA1	0	0	0	0	76	24.5	2301	54	169	206	3.130	0.820	0.262	11.6	24.62
1089	40.5027	116.9978	-195.7	430	QA1	0	0	0	0	71	24.5	2341	57	128	193	2.246	0.663	0.295	11.6	24.62
1090	40.5022	116.9978	-195.2	430	QA1	0	0	0	0	83	24.5	2234	51	161	140	3.157	1.150	0.364	11.6	24.63
1091	40.5018	116.9978	-196.5	427	QA1	0	0	0	0	75	24.5	2311	60	41	268	0.683	0.153	0.224	11.6	24.63
1092	40.5013	116.9978	-197.7	428	QA1	0	0	0	0	77	24.5	2364	46	175	161	3.804	1.087	0.286	11.6	24.63
1093	40.5009	116.9978	-197.5	429	QA1	0	0	0	0	73	24.5	2239	37	188	192	5.081	0.979	0.193	11.6	24.63

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1094	40.5004	116.9978	-197.4	439	QA1	0	0	0	0	85	29.6	2385	55	163	174	2.964	0.937	0.316	11.6	24.62
1095	40.5000	116.9979	-198.9	442	QA1	0	0	0	0	72	29.6	2343	60	97	226	1.617	0.429	0.265	11.6	24.61
1096	40.4995	116.9979	-197.5	455	QA1	0	0	0	0	76	29.6	2275	44	170	176	3.864	0.966	0.250	11.6	24.60
1097	40.4991	116.9979	-199.3	459	QA1	0	0	0	0	74	29.7	2369	52	149	198	2.865	0.753	0.263	11.7	24.60
1098	40.4986	116.9979	-197.8	460	QA1	0	0	0	0	74	29.7	2316	43	245	145	5.698	1.690	0.297	11.7	24.60
1099	40.4982	116.9979	-199.5	458	QA1	0	0	0	0	74	29.7	2302	50	129	199	2.580	0.648	0.251	11.7	24.61
1100	40.4977	116.9979	-197.5	460	QA1	0	0	0	0	75	29.7	2333	45	110	225	2.444	0.489	0.200	11.7	24.61
1101	40.4973	116.9979	-195.3	455	QA1	0	0	0	0	74	29.6	2411	56	77	240	1.375	0.321	0.233	11.7	24.61
1102	40.4968	116.9979	-191.3	455	QA1	0	0	0	0	80	29.6	2494	55	132	208	2.400	0.635	0.264	11.7	24.61
1103	40.4964	116.9979	-186.6	453	QA1	0	0	0	0	70	29.6	2450	47	129	209	2.745	0.617	0.225	11.7	24.60
1104	40.4959	116.9979	-181.9	447	QA1	0	0	0	0	76	29.6	2441	60	140	207	2.333	0.676	0.290	11.7	24.61
1105	40.4955	116.9979	-177.0	437	QF	0	0	0	0	72	29.5	2368	38	152	215	4.000	0.707	0.177	11.8	24.61
1106	40.4950	116.9979	-171.0	432	QF	0	0	0	0	76	29.5	2404	58	159	157	2.741	1.013	0.369	11.8	24.62
1107	40.4946	116.9979	-164.7	437	QF	0	0	0	0	72	29.5	2544	47	131	256	2.787	0.512	0.184	11.7	24.62
1108	40.4941	116.9979	-156.5	435	QF	0	0	0	0	79	29.5	2515	58	138	213	2.379	0.648	0.272	11.8	24.62
1109	40.4937	116.9979	-148.0	437	QF	0	0	0	0	80	29.5	2594	45	143	233	3.178	0.614	0.193	11.8	24.61
1110	40.4932	116.9979	-143.0	432	QF	0	0	0	0	76	29.5	2389	53	111	233	2.094	0.476	0.227	11.8	24.62
1111	40.4928	116.9979	-141.5	433	QF	0	0	0	0	80	29.5	2571	62	81	264	1.306	0.307	0.235	11.8	24.62
1112	40.4923	116.9979	-142.5	431	QF	0	0	0	0	86	29.5	2503	43	113	227	2.628	0.498	0.189	11.7	24.62
1113	40.4919	116.9979	-146.0	433	QF	0	0	0	0	73	37.0	2469	39	127	248	3.256	0.512	0.157	11.6	24.62
1114	40.4914	116.9979	-151.1	430	QF	0	0	0	0	83	36.9	2435	55	115	188	2.091	0.612	0.293	11.6	24.62
1115	40.4910	116.9979	-156.5	435	QF	0	0	0	0	79	37.0	2539	40	151	260	3.775	0.581	0.154	11.6	24.62
1116	40.4905	116.9979	-162.0	433	QF	0	0	0	0	73	37.0	2500	54	90	192	1.667	0.469	0.281	11.6	24.61
1117	40.4901	116.9979	-166.2	438	QF	0	0	0	0	79	37.0	2445	55	107	218	1.945	0.491	0.252	11.6	24.61
1118	40.4896	116.9979	-173.0	434	QF	0	0	0	0	80	37.0	2417	56	118	225	2.107	0.524	0.249	11.5	24.62
1119	40.4891	116.9979	-177.5	436	QF	0	0	0	0	80	37.0	2420	46	85	232	1.848	0.366	0.198	11.5	24.62
1120	40.4887	116.9979	-181.5	433	QF	0	0	0	0	80	37.0	2431	49	116	206	2.367	0.563	0.238	11.6	24.61
1121	40.4882	116.9979	-183.8	437	QF	0	0	0	0	78	37.0	2521	48	122	220	2.542	0.555	0.218	11.6	24.62
1122	40.4878	116.9979	-187.1	434	QF	0	0	0	0	73	37.0	2693	40	152	213	3.800	0.714	0.188	11.6	24.61
1123	40.4873	116.9979	-184.2	441	QF	0	0	0	0	76	37.0	2724	46	174	220	3.783	0.791	0.209	11.6	24.61
1124	40.4869	116.9979	-183.3	435	QF	0	0	0	0	78	37.0	2473	47	135	238	2.872	0.567	0.197	11.7	24.61
1125	40.4864	116.9979	-182.3	432	QF	0	0	0	0	79	37.0	2498	40	178	210	4.450	0.848	0.190	11.7	24.61
1126	40.4860	116.9979	-179.8	431	QF	0	0	0	0	85	37.0	2370	21	139	195	6.619	0.713	0.108	11.7	24.61
1127	40.4855	116.9979	-176.6	431	QF	0	0	0	0	79	37.0	2641	52	164	227	3.154	0.722	0.229	11.7	24.61
1128	40.4851	116.9979	-173.8	431	QF	0	0	0	0	74	36.9	2470	40	113	223	2.825	0.507	0.179	11.7	24.61
1129	40.4846	116.9979	-171.3	434	QF	0	0	0	0	69	37.0	2667	47	170	237	3.617	0.717	0.198	11.7	24.61
1130	40.4842	116.9979	-168.3	435	QF	0	0	0	0	80	37.0	2536	53	99	258	1.868	0.384	0.205	11.7	24.61
1131	40.4837	116.9979	-164.3	434	QF	0	0	0	0	70	37.0	2496	50	108	273	2.160	0.396	0.183	11.7	24.61
1132	40.4833	116.9979	-160.8	434	QF	0	0	0	0	75	35.2	2662	55	238	192	4.327	1.240	0.286	11.7	24.61
1133	40.4828	116.9979	-156.8	432	QF	0	0	0	0	80	35.2	2681	53	176	244	3.321	0.721	0.217	11.7	24.61
1134	40.4824	116.9979	-155.3	434	QF	0	0	0	0	77	35.2	2522	56	137	215	2.446	0.637	0.260	11.7	24.61
1135	40.4819	116.9979	-150.9	431	QF	0	0	0	0	82	35.1	2702	60	152	246	2.533	0.618	0.244	11.7	24.60
1136	40.4815	116.9979	-147.6	434	QF	0	0	0	0	81	35.2	2620	64	162	237	2.531	0.684	0.270	11.8	24.60
1137	40.4810	116.9979	-145.1	433	QF	0	0	0	0	84	35.2	2617	50	161	229	3.220	0.703	0.218	11.8	24.60
1138	40.4806	116.9979	-142.3	437	QF	0	0	0	0	80	35.2	2673	59	181	185	3.068	0.978	0.319	11.8	24.60
1139	40.4801	116.9979	-144.4	435	QF	0	0	0	0	73	35.2	2745	63	180	203	2.857	0.887	0.310	11.8	24.60
1140	40.4797	116.9979	-140.3	440	QF	0	0	0	0	74	35.2	2658	66	199	190	3.015	1.047	0.347	11.8	24.59
1141	40.4792	116.9979	-137.8	437	QF	0	0	0	0	73	35.2	2697	57	69	309	1.211	0.223	0.184	11.8	24.59
1142	40.4788	116.9979	-135.1	440	QF	0	0	0	0	79	35.2	2592	41	152	241	3.707	0.631	0.170	11.8	24.60
1143	40.4783	116.9979	-134.9	435	QF	0	0	0	0	77	35.2	2574	51	146	236	2.863	0.619	0.216	11.7	24.60
1144	40.4779	116.9979	-133.3	437	QF	0	0	0	0	71	35.2	2932	57	132	218	2.316	0.606	0.261	11.7	24.59
1145	40.4774	116.9979	-132.8	439	QF	0	0	0	0	75	35.2	2746	69	216	192	3.130	1.125	0.359	11.7	24.59
1146	40.4770	116.9979	-131.8	444	QF	0	0	0	0	79	35.3	2651	58	131	228	2.259	0.575	0.254	11.7	24.58
1147	40.4765	116.9979	-131.1	440	QF	0	0	0	0	75	35.2	2646	67	126	247	1.881	0.510	0.271	11.7	24.58

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1148	40.4761	116.9979	-128.6	439	QF	0	0	0	0	70	35.2	2653	35	237	207	6.771	1.145	0.169	11.7	24.59
1149	40.4756	116.9979	-127.1	434	QF	0	0	0	0	84	35.2	2595	57	229	136	4.018	1.684	0.419	11.6	24.58
1150	40.4752	116.9979	-127.4	435	QF	0	0	0	0	72	35.2	2495	53	182	197	3.434	0.924	0.269	11.7	24.59
1151	40.4747	116.9980	-127.1	432	QF	0	0	0	0	84	26.3	2826	51	214	221	4.196	0.968	0.231	11.7	24.59
1152	40.4743	116.9980	-124.6	433	QF	0	0	0	0	84	26.3	2983	70	118	226	1.686	0.522	0.310	11.7	24.58
1153	40.4738	116.9980	-125.1	436	QF	0	0	0	0	77	26.3	2786	60	207	198	3.450	1.045	0.303	11.8	24.58
1154	40.4733	116.9980	-125.6	437	QF	0	0	0	0	84	26.3	2933	76	149	195	1.961	0.764	0.390	11.8	24.58
1155	40.4729	116.9980	-123.4	436	QF	0	0	0	0	76	26.3	2613	55	137	264	2.491	0.519	0.208	11.8	24.58
1156	40.4724	116.9980	-123.0	427	QF	0	0	0	0	83	26.3	2634	50	196	240	3.920	0.817	0.208	11.8	24.58
1157	40.4720	116.9980	-120.7	430	QF	0	0	0	0	76	26.3	2707	57	118	246	2.070	0.480	0.232	11.8	24.58
1158	40.4715	116.9980	-120.7	430	QF	0	0	0	0	69	26.3	2649	61	149	222	2.443	0.671	0.275	11.8	24.58
1159	40.4711	116.9980	-118.9	434	QF	0	0	0	0	82	26.3	2700	48	208	226	4.333	0.920	0.212	11.8	24.58
1160	40.4706	116.9980	-118.2	430	QF	0	0	0	0	80	26.3	2653	66	166	232	2.515	0.716	0.284	11.8	24.57
1161	40.4702	116.9980	-117.4	435	QF	0	0	0	0	74	26.3	2891	50	103	300	2.060	0.343	0.167	11.8	24.57
1162	40.4697	116.9980	-117.2	427	QF	0	0	0	0	78	26.3	2766	68	198	202	2.912	0.980	0.337	11.8	24.57
1163	40.4693	116.9980	-116.2	425	QF	0	0	0	0	77	26.3	2737	70	149	229	2.129	0.651	0.306	11.8	24.57
1164	40.4688	116.9980	-116.0	420	QF	0	0	0	0	91	26.2	2684	59	153	207	2.593	0.739	0.285	11.9	24.58
1165	40.4684	116.9980	-113.1	418	QF	0	0	0	0	75	26.2	2640	52	207	219	3.981	0.945	0.237	11.9	24.58
1166	40.4679	116.9980	-112.4	408	QF	0	0	0	0	82	26.2	2689	40	170	249	4.250	0.683	0.161	11.8	24.58
1167	40.4675	116.9980	-111.1	411	QF	0	0	0	0	84	26.2	2661	64	162	210	2.531	0.771	0.305	11.8	24.58
1168	40.4670	116.9980	-112.2	403	QF	0	0	0	0	76	26.2	2760	63	170	258	2.698	0.659	0.244	11.9	24.58
1169	40.4666	116.9980	-111.4	405	QF	0	0	0	0	75	26.2	2585	58	97	266	1.672	0.365	0.218	11.9	24.58
1170	40.4661	116.9980	-110.0	398	QF	0	0	0	0	84	27.7	2589	48	120	247	2.500	0.486	0.194	11.9	24.58
1171	40.4657	116.9980	-109.0	396	QF	0	0	0	0	81	27.7	2622	44	148	261	3.364	0.567	0.169	12.0	24.58
1172	40.4652	116.9980	-109.5	392	QF	0	0	0	0	84	27.6	2526	60	181	226	3.017	0.801	0.265	12.0	24.58
1173	40.4648	116.9980	-106.6	390	QF	0	0	0	0	77	27.6	2538	58	139	250	2.397	0.556	0.232	12.0	24.58
1174	40.4643	116.9980	-106.6	390	QF	0	0	0	0	76	27.6	2589	48	154	237	3.208	0.650	0.203	11.9	24.58
1175	40.4639	116.9980	-104.1	388	QF	0	0	0	0	90	27.6	2597	69	159	224	2.304	0.710	0.308	11.9	24.58
1176	40.4634	116.9980	-104.1	385	QF	0	0	0	0	85	27.6	2571	55	155	256	2.818	0.605	0.215	11.9	24.58
1177	40.4630	116.9980	-103.2	382	QF	0	0	0	0	71	27.6	2609	59	128	254	2.169	0.504	0.232	11.9	24.58
1178	40.4625	116.9980	-98.9	379	QF	0	0	0	0	74	27.6	2648	58	156	203	2.690	0.768	0.286	12.0	24.58
1179	40.4621	116.9980	-97.2	378	QF	0	0	0	0	75	27.6	2571	76	145	232	1.908	0.625	0.328	12.0	24.58
1180	40.4616	116.9980	-98.2	379	QF	0	0	0	0	73	27.6	2555	58	215	170	3.707	1.265	0.341	12.0	24.58
1181	40.4612	116.9980	-99.7	378	QF	0	0	0	0	80	27.6	2507	54	151	222	2.796	0.680	0.243	12.0	24.57
1182	40.4607	116.9980	-96.4	383	QF	0	0	0	0	78	27.6	2473	57	157	226	2.754	0.695	0.252	12.0	24.57
1183	40.4603	116.9980	-96.1	383	QF	0	0	0	0	77	27.6	2465	61	102	231	1.672	0.442	0.264	12.0	24.57
1184	40.4598	116.9980	-96.2	382	QF	0	0	0	0	77	27.6	2416	46	107	259	2.326	0.413	0.178	12.0	24.57
1185	40.4594	116.9980	-95.7	381	QF	0	0	0	0	68	27.6	2575	45	175	219	3.889	0.799	0.205	12.0	24.57
1186	40.4589	116.9980	-96.2	381	QF	0	0	0	0	71	27.6	2419	42	201	198	4.786	1.015	0.212	12.0	24.57
1187	40.4584	116.9980	-94.7	377	QF	0	0	0	0	77	27.6	2336	63	91	234	1.444	0.389	0.269	11.9	24.56
1188	40.4580	116.9980	-95.7	383	QF	0	0	0	0	79	27.6	2332	42	198	209	4.714	0.947	0.201	12.0	24.56
1189	40.4575	116.9980	-95.2	386	QF	0	0	0	0	72	31.2	2411	42	120	250	2.857	0.480	0.168	12.0	24.55
1190	40.4571	116.9980	-94.3	392	QF	0	0	0	0	83	31.3	2449	45	170	188	3.778	0.904	0.239	12.0	24.55
1191	40.4566	116.9980	-96.4	391	QF	0	0	0	0	90	31.2	2372	39	184	185	4.718	0.995	0.211	12.0	24.54
1192	40.4562	116.9980	-94.8	396	QF	0	0	0	0	79	31.3	2363	75	83	215	1.107	0.386	0.349	12.0	24.53
1193	40.4557	116.9980	-97.7	387	QF	0	0	0	0	78	31.2	2364	55	152	198	2.764	0.768	0.278	12.0	24.55
1194	40.4553	116.9980	-95.5	381	QF	0	0	0	0	77	31.2	2312	49	109	228	2.224	0.478	0.215	12.0	24.55
1195	40.4548	116.9980	-95.5	375	QF	0	0	0	0	76	31.1	2441	48	216	134	4.500	1.612	0.358	12.0	24.55
1196	40.4544	116.9980	-96.3	374	QF	0	0	0	0	76	31.1	2482	51	153	220	3.000	0.695	0.232	12.0	24.55
1197	40.4539	116.9980	-100.8	370	QF	0	0	0	0	78	31.1	2449	46	142	213	3.087	0.667	0.216	12.0	24.55
1198	40.4535	116.9980	-103.3	366	QF	0	0	0	0	78	31.1	2465	57	167	181	2.930	0.923	0.315	12.1	24.56
1199	40.4530	116.9980	-102.6	361	QF	0	0	0	0	76	31.0	2429	54	152	189	2.815	0.804	0.286	12.1	24.55
1200	40.4526	116.9980	-101.7	357	QF	0	0	0	0	73	31.0	2323	45	154	203	3.422	0.759	0.222	12.1	24.55
1201	40.4521	116.9980	-105.0	354	QF	0	0	0	0	69	31.0	2423	68	161	160	2.368	1.006	0.425	12.1	24.56

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1202	40.4517	116.9980	-106.2	350	QF	0	0	0	0	79	31.0	2314	42	144	219	3.429	0.658	0.192	12.1	24.55
1203	40.4512	116.9980	-108.5	346	QF	0	0	0	0	75	30.9	2353	47	173	197	3.681	0.878	0.239	12.0	24.56
1204	40.4508	116.9980	-110.1	342	QF	0	0	0	0	71	30.9	2323	38	199	207	5.237	0.961	0.184	12.0	24.56
1205	40.4503	116.9980	-112.0	343	QF	0	0	0	0	72	30.9	2491	52	145	228	2.788	0.636	0.228	12.0	24.56
1206	40.4499	116.9980	-116.6	336	QF	0	0	0	0	85	30.9	2411	47	147	233	3.128	0.631	0.202	12.0	24.56
1207	40.4494	116.9981	-117.4	336	QF	0	0	0	0	73	30.9	2327	46	151	197	3.283	0.766	0.234	12.0	24.55
1208	40.4490	116.9981	-119.9	334	QF	0	0	0	0	64	40.7	2425	51	134	231	2.627	0.580	0.221	12.0	24.56
1209	40.4485	116.9981	-121.4	336	QF	0	0	0	0	76	40.8	2612	49	176	207	3.592	0.850	0.237	11.9	24.55
1210	40.4481	116.9981	-124.3	338	QF	0	0	0	0	71	40.8	2463	63	184	169	2.921	1.089	0.373	11.9	24.55
1211	40.4476	116.9981	-131.8	340	QF	0	0	0	0	84	40.8	2412	38	156	203	4.105	0.768	0.187	11.8	24.55
1212	40.4472	116.9981	-135.1	341	QF	0	0	0	0	86	40.8	2397	54	184	196	3.407	0.939	0.276	11.8	24.54
1213	40.4467	116.9981	-136.5	349	QF	0	0	0	0	77	40.9	2401	57	122	232	2.140	0.526	0.246	11.8	24.53
1214	40.4463	116.9981	-139.2	351	QF	0	0	0	0	81	41.0	2393	39	112	251	2.872	0.446	0.155	11.8	24.53
1215	40.4458	116.9981	-140.3	352	QF	0	0	0	0	83	41.0	2393	41	147	240	3.585	0.612	0.171	11.7	24.53
1216	40.4454	116.9981	-143.6	346	QF	0	0	0	0	69	40.9	2206	57	148	205	2.596	0.722	0.278	11.7	24.53
1217	40.4449	116.9981	-146.3	346	QF	0	0	0	0	90	40.9	2546	50	140	185	2.800	0.757	0.270	11.7	24.53
1218	40.4445	116.9981	-147.1	344	QF	0	0	0	0	86	40.9	2419	49	183	164	3.735	1.116	0.299	11.7	24.53
1219	40.4440	116.9981	-146.8	345	QF	0	0	0	0	85	40.9	2455	56	98	232	1.750	0.422	0.241	11.7	24.53
1220	40.4436	116.9981	-150.4	341	QF	0	0	0	0	82	40.8	2430	54	137	211	2.537	0.649	0.256	11.6	24.53
1221	40.4431	116.9981	-152.3	347	QF	0	0	0	0	79	40.9	2430	55	113	190	2.055	0.595	0.289	11.6	24.52
1222	40.4426	116.9981	-155.6	347	QF	0	0	0	0	80	40.9	2493	71	94	225	1.324	0.418	0.316	11.6	24.52
1223	40.4422	116.9981	-156.8	349	QF	0	0	0	0	78	40.9	2398	66	157	153	2.379	1.026	0.431	11.5	24.51
1224	40.4417	116.9981	-156.5	353	QF	0	0	0	0	76	41.0	2437	67	131	150	1.955	0.873	0.447	11.5	24.51
1225	40.4413	116.9981	-157.7	357	QF	0	0	0	0	70	41.0	2527	51	158	222	3.098	0.712	0.230	11.5	24.50
1226	40.4408	116.9981	-161.3	355	QF	0	0	0	0	72	41.0	2417	62	84	191	1.355	0.440	0.325	11.5	24.50
1227	40.4404	116.9981	-159.8	356	QF	0	0	0	0	77	35.8	2446	48	129	236	2.688	0.547	0.203	11.5	24.50
1228	40.4399	116.9981	-162.5	356	QF	0	0	0	0	84	35.8	2543	49	106	232	2.163	0.457	0.211	11.5	24.49
1229	40.4395	116.9981	-160.5	354	QF	0	0	0	0	89	35.8	2350	63	130	163	2.063	0.798	0.387	11.5	24.49
1230	40.4390	116.9981	-161.5	355	QF	0	0	0	0	80	35.8	2537	50	127	219	2.540	0.580	0.228	11.5	24.50
1231	40.4386	116.9981	-163.1	353	QF	0	0	0	0	85	35.8	2461	46	126	219	2.739	0.575	0.210	11.5	24.49
1232	40.4381	116.9981	-162.6	352	QF	0	0	0	0	85	35.8	2522	61	155	190	2.541	0.816	0.321	11.4	24.49
1233	40.4377	116.9981	-165.5	352	QF	0	0	0	0	79	35.8	2324	52	195	168	3.750	1.161	0.310	11.4	24.49
1234	40.4372	116.9981	-164.5	356	QF	0	0	0	0	84	35.8	2352	52	105	209	2.019	0.502	0.249	11.3	24.49
1235	40.4368	116.9981	-163.8	350	QF	0	0	0	0	79	35.7	2374	90	39	206	0.433	0.189	0.437	11.3	24.48
1236	40.4363	116.9981	-164.3	352	QF	0	0	0	0	87	35.8	2493	63	190	162	3.016	1.173	0.389	11.3	24.48
1237	40.4359	116.9981	-165.3	350	QF	0	0	0	0	74	35.7	2506	53	135	201	2.547	0.672	0.264	11.3	24.47
1238	40.4354	116.9981	-163.0	355	QF	0	0	0	0	85	35.8	2392	55	120	191	2.182	0.628	0.288	11.3	24.48
1239	40.4350	116.9981	-164.1	352	QF	0	0	0	0	80	35.8	2447	52	172	164	3.308	1.049	0.317	11.3	24.48
1240	40.4345	116.9981	-166.1	354	QF	0	0	0	0	66	35.8	2508	69	165	191	2.391	0.864	0.361	11.3	24.47
1241	40.4341	116.9981	-167.3	351	QF	0	0	0	0	71	35.8	2484	64	109	209	1.703	0.522	0.306	11.3	24.47
1242	40.4336	116.9981	-166.6	354	QF	0	0	0	0	81	35.8	2508	44	146	231	3.318	0.632	0.190	11.3	24.46
1243	40.4332	116.9981	-168.3	351	QF	0	0	0	0	77	35.8	2669	57	136	217	2.386	0.627	0.263	11.3	24.47
1244	40.4327	116.9981	-166.9	350	QF	0	0	0	0	87	35.7	2420	58	156	168	2.690	0.929	0.345	11.3	24.47
1245	40.4323	116.9981	-168.4	347	QF	0	0	0	0	79	35.7	2611	42	165	202	3.929	0.817	0.208	11.4	24.47
1246	40.4318	116.9981	-170.1	348	QF	0	0	0	0	73	32.8	2465	62	138	218	2.226	0.633	0.284	11.4	24.47
1247	40.4314	116.9981	-168.1	351	QF	0	0	0	0	86	32.8	2603	68	89	205	1.309	0.434	0.332	11.4	24.46
1248	40.4309	116.9981	-173.1	353	QF	0	0	0	0	72	32.8	2445	64	94	230	1.469	0.409	0.278	11.4	24.46
1249	40.4305	116.9981	-174.7	346	QF	0	0	0	0	84	32.7	2336	59	105	209	1.780	0.502	0.282	11.3	24.46
1250	40.4300	116.9981	-175.7	343	QF	0	0	0	0	87	32.7	2372	46	116	231	2.522	0.502	0.199	11.4	24.46
1251	40.4296	116.9981	-177.4	341	QF	0	0	0	0	86	32.7	2382	33	207	182	6.273	1.137	0.181	11.4	24.47
1252	40.4291	116.9981	-179.0	341	QF	0	0	0	0	73	32.7	2538	72	135	187	1.875	0.722	0.385	11.4	24.46
1253	40.4287	116.9981	-179.9	344	QF	0	0	0	0	82	32.7	2418	26	198	203	7.615	0.975	0.128	11.4	24.45
1254	40.4282	116.9981	-183.6	351	QF	0	0	0	0	83	32.8	2470	60	162	167	2.700	0.970	0.359	11.3	24.45
1255	40.4277	116.9981	-185.6	350	QF	0	0	0	0	84	32.8	2479	50	135	191	2.700	0.707	0.262	11.4	24.45

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1256	40.4273	116.9981	-185.9	346	QF	0	0	0	0	83	32.7	2598	55	123	208	2.236	0.591	0.264	11.4	24.45
1257	40.4268	116.9981	-187.6	348	QF	0	0	0	0	74	32.8	2405	59	151	185	2.559	0.816	0.319	11.4	24.45
1258	40.4264	116.9981	-190.7	345	QF	0	0	0	0	73	32.7	2367	52	201	164	3.865	1.226	0.317	11.4	24.45
1259	40.4259	116.9981	-190.7	347	QF	0	0	0	0	81	32.8	2496	50	161	195	3.220	0.826	0.256	11.4	24.44
1260	40.4255	116.9981	-191.7	350	QF	0	0	0	0	84	32.8	2432	47	192	169	4.085	1.136	0.278	11.5	24.44
1261	40.4250	116.9981	-197.4	353	QF	0	0	0	0	85	32.8	2432	54	168	174	3.111	0.966	0.310	11.6	24.44
1262	40.4246	116.9981	-201.1	352	QF	0	0	0	0	82	32.8	2383	73	147	166	2.014	0.886	0.440	11.7	24.43
1263	40.4241	116.9982	-202.3	362	QF	0	0	0	0	84	32.9	2334	56	177	166	3.161	1.066	0.337	11.7	24.43
1264	40.4237	116.9982	-203.6	356	QF	0	0	0	0	80	32.8	2630	49	82	250	1.673	0.328	0.196	11.8	24.43
1265	40.4232	116.9982	-204.8	358	QF	0	0	0	0	79	29.3	2436	60	155	169	2.583	0.917	0.355	11.8	24.42
1266	40.4228	116.9982	-208.6	356	QF	0	0	0	0	80	29.3	2464	42	192	180	4.571	1.067	0.233	11.8	24.42
1267	40.4223	116.9982	-210.3	357	QF	0	0	0	0	78	29.3	2456	66	134	169	2.030	0.793	0.391	11.8	24.42
1268	40.4219	116.9982	-211.6	354	QF	0	0	0	0	82	29.3	2647	49	187	190	3.816	0.984	0.258	11.9	24.41
1269	40.4214	116.9982	-214.8	360	QF	0	0	0	0	77	29.4	2524	59	173	166	2.932	1.042	0.355	11.9	24.40
1270	40.4210	116.9982	-215.9	357	QF	0	0	0	0	85	29.3	2422	71	147	168	2.070	0.875	0.423	12.0	24.40
1271	40.4205	116.9982	-218.1	359	QF	0	0	0	0	81	29.3	2511	69	181	159	2.623	1.138	0.434	12.0	24.40
1272	40.4201	116.9982	-216.9	358	QF	0	0	0	0	82	29.3	2489	69	125	237	1.812	0.527	0.291	12.0	24.40
1273	40.4196	116.9982	-216.6	359	QF	0	0	0	0	76	29.3	2262	48	134	190	2.792	0.705	0.253	12.1	24.39
1274	40.4192	116.9982	-216.9	360	QF	0	0	0	0	79	29.4	2291	66	109	185	1.652	0.589	0.357	12.1	24.39
1275	40.4187	116.9982	-216.6	360	QF	0	0	0	0	82	29.4	2320	64	180	187	2.813	0.963	0.342	12.2	24.39
1276	40.4183	116.9982	-218.4	358	QF	0	0	0	0	80	29.3	2415	64	121	204	1.891	0.593	0.314	12.2	24.38
1277	40.4178	116.9982	-218.1	360	QF	0	0	0	0	79	29.4	2436	63	158	175	2.508	0.903	0.360	12.3	24.38
1278	40.4174	116.9982	-216.4	361	QF	0	0	0	0	74	29.4	2418	72	122	205	1.694	0.595	0.351	12.3	24.38
1279	40.4169	116.9982	-216.4	357	QF	0	0	0	0	83	29.3	2328	53	190	152	3.585	1.250	0.349	12.3	24.37
1280	40.4165	116.9982	-216.3	361	QF	0	0	0	0	78	29.4	2461	71	173	170	2.437	1.018	0.418	12.3	24.37
1281	40.4160	116.9982	-213.1	359	QF	0	0	0	0	80	29.4	2364	84	134	144	1.595	0.931	0.583	12.3	24.36
1282	40.4156	116.9982	-213.1	360	QF	0	0	0	0	93	29.4	2460	60	128	176	2.133	0.727	0.341	12.4	24.36
1283	40.4151	116.9982	-212.2	355	QF	0	0	0	0	74	29.3	2314	68	157	135	2.309	1.163	0.504	12.5	24.36
1284	40.4147	116.9982	-212.9	355	QF	0	0	0	0	77	32.3	2276	59	139	181	2.356	0.768	0.326	12.5	24.36
1285	40.4142	116.9982	-211.7	349	QF	0	0	0	0	73	32.2	2298	54	231	152	4.278	1.520	0.355	12.6	24.36
1286	40.4138	116.9982	-211.0	347	QF	0	0	0	0	81	32.2	2286	71	117	183	1.648	0.639	0.388	12.6	24.36
1287	40.4133	116.9982	-210.0	343	QF	0	0	0	0	82	32.2	2325	68	118	187	1.735	0.631	0.364	12.7	24.36
1288	40.4129	116.9982	-209.0	344	QF	0	0	0	0	90	32.2	2410	72	75	225	1.042	0.333	0.320	12.7	24.36
1289	40.4124	116.9982	-208.6	339	QF	0	0	0	0	76	32.1	2367	56	142	196	2.536	0.724	0.286	12.7	24.35
1290	40.4119	116.9982	-208.0	342	QF	0	0	0	0	80	32.2	2299	70	117	204	1.671	0.574	0.343	12.7	24.35
1291	40.4115	116.9982	-208.0	342	QF	0	0	0	0	83	32.2	2379	63	132	165	2.095	0.800	0.382	12.7	24.35
1292	40.4110	116.9982	-207.3	341	QF	0	0	0	0	82	32.2	2430	64	103	203	1.609	0.507	0.315	12.7	24.34
1293	40.4106	116.9982	-205.3	340	QF	0	0	0	0	83	32.1	2343	42	169	176	4.024	0.960	0.239	12.8	24.34
1294	40.4101	116.9982	-206.0	342	QF	0	0	0	0	77	32.2	2377	63	157	162	2.492	0.969	0.389	12.8	24.35
1295	40.4097	116.9982	-204.6	336	QF	0	0	0	0	86	32.1	2329	69	103	207	1.493	0.498	0.333	12.7	24.35
1296	40.4092	116.9982	-202.6	333	QF	0	0	0	0	88	32.1	2290	67	129	150	1.925	0.860	0.447	12.7	24.35
1297	40.4088	116.9982	-202.2	327	QF	0	0	0	0	81	32.0	2354	54	220	150	4.074	1.467	0.360	12.7	24.35
1298	40.4083	116.9982	-199.4	325	QF	0	0	0	0	71	32.0	2302	60	207	171	3.450	1.211	0.351	12.7	24.35
1299	40.4079	116.9982	-197.5	319	QF	0	0	0	0	83	32.0	2507	53	209	144	3.943	1.451	0.368	12.7	24.35
1300	40.4074	116.9982	-196.4	306	QF	0	0	0	0	78	31.9	2290	68	65	207	0.956	0.314	0.329	12.7	24.35
1301	40.4070	116.9982	-197.4	304	QF	0	0	0	0	86	31.9	2396	54	125	206	2.315	0.607	0.262	12.7	24.35
1302	40.4065	116.9982	-193.7	302	QF	0	0	0	0	73	31.8	2304	66	155	164	2.348	0.945	0.402	12.6	24.34
1303	40.4061	116.9982	-192.5	287	QF	0	0	0	0	85	34.8	2381	54	127	183	2.352	0.694	0.295	12.6	24.35
1304	40.4056	116.9982	-191.6	279	QF	0	0	0	0	81	34.8	2364	72	150	131	2.083	1.145	0.550	12.7	24.35
1305	40.4052	116.9982	-188.6	283	QF	0	0	0	0	75	34.8	2391	62	184	161	2.968	1.143	0.385	12.7	24.35
1306	40.4047	116.9982	-187.1	281	QF	0	0	0	0	79	34.8	2414	50	142	224	2.840	0.634	0.223	12.8	24.34
1307	40.4043	116.9982	-184.1	283	QF	0	0	0	0	78	34.8	2473	70	166	198	2.371	0.838	0.354	12.8	24.34
1308	40.4038	116.9982	-181.3	286	QF	0	0	0	0	75	34.8	2383	60	80	258	1.333	0.310	0.233	12.7	24.34
1309	40.4034	116.9982	-181.5	291	QF	0	0	0	0	84	34.9	2443	40	163	190	4.075	0.858	0.211	12.7	24.34

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1310	40.4029	116.9982	-179.2	293	QF	0	0	0	0	78	34.9	2493	73	87	248	1.192	0.351	0.294	12.7	24.33
1311	40.4025	116.9982	-179.2	304	QF	0	0	0	0	85	35.0	2438	49	136	206	2.776	0.660	0.238	12.7	24.33
1312	40.4020	116.9982	-175.6	310	QF	0	0	0	0	79	35.1	2362	62	154	156	2.484	0.987	0.397	12.7	24.32
1313	40.4016	116.9982	-174.7	332	QF	0	0	0	0	87	35.3	2330	65	106	167	1.631	0.635	0.389	12.6	24.31
1314	40.4011	116.9982	-172.1	342	QF	0	0	0	0	72	35.4	2265	46	140	186	3.043	0.753	0.247	12.6	24.30
1315	40.4007	116.9982	-171.8	349	QF	0	0	0	0	81	35.5	2276	47	174	168	3.702	1.036	0.280	12.6	24.30
1316	40.4002	116.9982	-169.7	361	QF	0	0	0	0	86	35.6	2083	50	62	166	1.240	0.373	0.301	12.6	24.29
1317	40.3998	116.9982	-168.9	366	QF	0	0	0	0	88	35.6	2215	54	67	207	1.241	0.324	0.261	12.6	24.28
1318	40.3993	116.9982	-166.6	371	QF	0	0	0	0	77	35.7	2145	47	114	168	2.426	0.679	0.280	12.6	24.28
1319	40.3989	116.9983	-167.0	360	QF	0	0	0	0	84	35.6	2180	31	121	166	3.903	0.729	0.187	12.6	24.28
1320	40.3984	116.9983	-165.4	366	QF	0	0	0	0	82	35.6	2300	55	191	120	3.473	1.592	0.458	12.5	24.27
1321	40.3980	116.9983	-163.3	374	QF	0	0	0	0	83	35.7	2294	61	55	210	0.902	0.262	0.290	12.5	24.26
1322	40.3975	116.9983	-162.6	374	QF	0	0	0	0	85	33.0	2368	46	186	177	4.043	1.051	0.260	12.4	24.26
1323	40.3970	116.9983	-162.4	375	QF	0	0	0	0	84	33.0	2411	43	191	162	4.442	1.179	0.265	12.3	24.25
1324	40.3966	116.9983	-162.4	382	QF	0	0	0	0	77	33.1	2454	74	91	193	1.230	0.472	0.383	12.3	24.25
1325	40.3961	116.9983	-162.4	389	QF	0	0	0	0	82	33.2	2349	64	125	172	1.953	0.727	0.372	12.3	24.25
1326	40.3957	116.9983	-157.7	399	QF	0	0	0	0	78	33.2	2365	49	186	162	3.796	1.148	0.302	12.2	24.25
1327	40.3952	116.9983	-157.7	400	QF	0	0	0	0	82	33.2	2359	66	114	195	1.727	0.585	0.338	12.2	24.24
1328	40.3948	116.9983	-157.7	408	QF	0	0	0	0	82	33.3	2392	64	105	202	1.641	0.520	0.317	12.1	24.23
1329	40.3943	116.9983	-157.7	415	QF	0	0	0	0	81	33.4	2368	70	113	171	1.614	0.661	0.409	12.0	24.23
1330	40.3939	116.9983	-157.7	420	QF	0	0	0	0	81	33.4	2369	66	84	219	1.273	0.384	0.301	12.0	24.23
1331	40.3934	116.9983	-152.5	416	QF	0	0	0	0	81	33.4	2396	48	144	201	3.000	0.716	0.239	11.9	24.23
1332	40.3930	116.9983	-152.5	430	QF	0	0	0	0	84	33.5	2448	49	183	137	3.735	1.336	0.358	11.9	24.22
1333	40.3925	116.9983	-152.5	435	QF	0	0	0	0	79	33.5	2424	55	109	229	1.982	0.476	0.240	11.8	24.21
1334	40.3921	116.9983	-152.5	447	QF	0	0	0	0	79	33.6	2321	54	54	229	1.000	0.236	0.236	11.7	24.21
1335	40.3916	116.9983	-152.5	448	QF	0	0	0	0	85	33.6	2415	48	183	148	3.813	1.236	0.324	11.6	24.20
1336	40.3912	116.9983	-152.5	451	QF	0	0	0	0	77	33.6	2825	63	113	174	1.794	0.649	0.362	11.6	24.19
1337	40.3907	116.9983	-148.5	456	QF	0	0	0	0	88	33.7	2394	64	53	254	0.828	0.209	0.252	11.6	24.19
1338	40.3903	116.9983	-147.7	461	QF	0	0	0	0	86	33.7	2403	54	85	199	1.574	0.427	0.271	11.6	24.19
1339	40.3898	116.9983	-146.7	455	QF	0	0	0	0	71	33.7	2339	46	130	164	2.826	0.793	0.280	11.6	24.19
1340	40.3894	116.9983	-145.7	455	QF	0	0	0	0	89	33.7	2414	56	151	152	2.696	0.993	0.368	11.6	24.19
1341	40.3889	116.9983	-145.0	451	QF	0	0	0	0	82	31.1	2281	42	196	142	4.667	1.380	0.296	11.6	24.19
1342	40.3885	116.9983	-144.8	451	QF	0	0	0	0	78	31.1	2425	41	115	199	2.805	0.578	0.206	11.6	24.18
1343	40.3880	116.9983	-143.3	448	QF	0	0	0	0	93	31.1	2299	50	69	210	1.380	0.329	0.238	11.6	24.18
1344	40.3876	116.9983	-140.8	448	QF	0	0	0	0	91	31.1	2185	40	111	187	2.775	0.594	0.214	11.6	24.18
1345	40.3871	116.9983	-141.1	442	QF	0	0	0	0	83	31.1	2551	62	125	156	2.016	0.801	0.397	11.5	24.17
1346	40.3867	116.9983	-139.1	440	QF	0	0	0	0	88	31.0	2297	55	97	157	1.764	0.618	0.350	11.5	24.17
1347	40.3862	116.9983	-139.4	439	QF	0	0	0	0	93	31.0	2398	43	121	142	2.814	0.852	0.303	11.6	24.17
1348	40.3858	116.9983	-138.6	438	QF	0	0	0	0	85	31.0	2270	51	118	167	2.314	0.707	0.305	11.6	24.17
1349	40.3853	116.9983	-137.2	429	QF	0	0	0	0	78	31.0	2085	39	105	167	2.763	0.629	0.228	11.6	24.17
1350	40.3849	116.9983	-136.5	425	QF	0	0	0	0	89	30.9	2220	58	55	189	0.948	0.291	0.307	11.5	24.17
1351	40.3844	116.9983	-136.7	427	QF	0	0	0	0	98	31.0	2188	49	93	164	1.898	0.567	0.299	11.5	24.16
1352	40.3840	116.9983	-135.5	423	QF	0	0	0	0	78	30.9	2177	58	82	172	1.414	0.477	0.337	11.5	24.16
1353	40.3835	116.9983	-135.5	427	QF	0	0	0	0	82	31.0	2199	64	51	189	0.797	0.270	0.339	11.6	24.16
1354	40.3831	116.9983	-134.2	428	QF	0	0	0	0	82	31.0	2169	56	54	208	0.964	0.260	0.269	11.5	24.16
1355	40.3826	116.9983	-133.9	433	QF	0	0	0	0	86	31.0	2250	50	103	149	2.060	0.691	0.336	11.6	24.15
1356	40.3822	116.9983	-134.3	424	QF	0	0	0	0	92	30.9	2229	50	149	130	2.980	1.146	0.385	11.6	24.15
1357	40.3817	116.9983	-133.7	429	QF	0	0	0	0	94	31.0	2416	65	96	162	1.477	0.593	0.401	11.5	24.15
1358	40.3812	116.9983	-134.6	419	QF	0	0	0	0	86	30.9	2360	55	136	155	2.473	0.877	0.355	11.4	24.15
1359	40.3808	116.9983	-136.5	421	QF	0	0	0	0	79	30.9	2282	59	110	158	1.864	0.696	0.373	11.4	24.16
1360	40.3803	116.9983	-136.9	413	QF	0	0	0	0	80	30.1	2269	41	129	158	3.146	0.816	0.259	11.4	24.16
1361	40.3799	116.9983	-136.4	413	QF	0	0	0	0	84	30.1	2200	37	162	168	4.378	0.964	0.220	11.4	24.17
1362	40.3794	116.9983	-137.2	407	QF	0	0	0	0	80	30.1	2345	56	103	149	1.839	0.691	0.376	11.3	24.17
1363	40.3790	116.9983	-142.5	401	QF	0	0	0	0	85	30.1	2224	60	71	193	1.183	0.368	0.311	11.3	24.17

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1364	40.3785	116.9983	-138.8	39?	QF	0	0	0	0	86	30.0	2301	39	114	157	2.923	0.726	0.248	11.2	24.17
1365	40.3781	116.9983	-139.7	380	QF	0	0	0	0	81	29.9	2172	58	39	176	0.672	0.222	0.330	11.2	24.18
1366	40.3776	116.9983	-141.5	368	QF	0	0	0	0	86	29.9	2336	35	139	184	3.971	0.755	0.190	11.2	24.17
1367	40.3772	116.9983	-141.2	375	QF	0	0	0	0	83	29.9	2238	54	98	171	1.815	0.573	0.316	11.3	24.17
1368	40.3767	116.9983	-142.0	370	QF	0	0	0	0	78	29.9	2235	67	116	127	1.731	0.913	0.528	11.3	24.17
1369	40.3763	116.9983	-144.2	370	QF	0	0	0	0	85	29.9	2111	48	86	170	1.792	0.506	0.282	11.3	24.17
1370	40.3758	116.9983	-144.8	367	QF	0	0	0	0	83	29.8	2352	47	144	146	3.064	0.986	0.322	11.2	24.17
1371	40.3754	116.9983	-144.3	370	QF	0	0	0	0	94	29.9	2116	37	146	155	3.946	0.942	0.239	11.2	24.16
1372	40.3749	116.9983	-145.8	368	QF	0	0	0	0	88	29.9	2351	59	137	141	2.322	0.972	0.418	11.2	24.16
1373	40.3745	116.9983	-145.2	373	QF	0	0	0	0	69	29.9	2234	47	167	146	3.553	1.144	0.322	11.3	24.15
1374	40.3740	116.9983	-147.4	378	QF	0	0	0	0	83	29.9	2178	55	116	160	2.109	0.725	0.344	11.4	24.15
1375	40.3736	116.9984	-146.7	378	QF	0	0	0	0	71	29.9	2217	49	162	126	3.306	1.286	0.389	11.4	24.15
1376	40.3731	116.9984	-147.5	374	QF	0	0	0	0	86	29.9	2248	57	111	166	1.947	0.669	0.343	11.4	24.15
1377	40.3727	116.9984	-147.8	372	QF	0	0	0	0	90	29.9	2223	45	90	216	2.000	0.417	0.208	11.4	24.14
1378	40.3722	116.9984	-149.0	371	QF	0	0	0	0	90	29.9	2100	38	83	205	2.184	0.405	0.185	11.4	24.14
1379	40.3718	116.9984	-148.1	366	QF	0	0	0	0	92	41.7	2225	47	98	151	2.085	0.649	0.311	11.5	24.14
1380	40.3713	116.9984	-148.3	365	QF	0	0	0	0	78	41.6	2367	45	80	160	1.778	0.500	0.281	11.5	24.14
1381	40.3709	116.9984	-152.1	357	QF	0	0	0	0	79	41.5	2388	43	111	173	2.581	0.642	0.249	11.6	24.14
1382	40.3704	116.9984	-151.8	361	QF	0	0	0	0	85	41.6	2186	37	157	139	4.243	1.129	0.266	11.7	24.14
1383	40.3700	116.9984	-151.6	358	QF	0	0	0	0	86	41.6	2317	49	128	174	2.612	0.736	0.282	11.7	24.13
1384	40.3695	116.9984	-153.1	357	QF	0	0	0	0	81	41.5	1980	50	159	137	3.180	1.161	0.365	11.7	24.13
1385	40.3691	116.9984	-153.0	345	QF	0	0	0	0	79	41.4	2003	51	81	182	1.588	0.445	0.280	11.8	24.14
1386	40.3686	116.9984	-153.5	341	QF	0	0	0	0	79	41.3	2049	41	129	146	3.146	0.884	0.281	11.8	24.13
1387	40.3682	116.9984	-153.3	337	QF	0	0	0	0	94	41.3	2108	33	83	197	2.515	0.421	0.168	11.8	24.14
1388	40.3677	116.9984	-153.8	339	QF	0	0	0	0	78	41.3	2012	44	66	164	1.500	0.402	0.268	11.9	24.14
1389	40.3673	116.9984	-155.1	335	QF	0	0	0	0	82	41.2	2099	63	145	113	2.302	1.283	0.558	11.8	24.13
1390	40.3668	116.9984	-153.3	336	QF	0	0	0	0	78	41.2	2121	59	89	130	1.508	0.685	0.454	11.9	24.14
1391	40.3664	116.9984	-154.3	340	QF	0	0	0	0	89	41.3	2175	36	139	151	3.861	0.921	0.238	11.9	24.14
1392	40.3659	116.9984	-155.7	349	QF	0	0	0	0	81	41.4	2295	53	84	188	1.585	0.447	0.282	11.9	24.13
1393	40.3654	116.9984	-156.0	352	QF	0	0	0	0	81	41.5	2142	41	161	159	3.927	1.013	0.258	11.9	24.12
1394	40.3650	116.9984	-154.6	362	QF	0	0	0	0	82	41.6	2179	54	139	131	2.574	1.061	0.412	11.8	24.12
1395	40.3644	116.9984	-154.4	374	QF	0	0	0	0	85	41.8	2198	40	104	191	2.600	0.545	0.209	11.8	24.11
1396	40.3637	116.9984	-154.5	388	QF	0	0	0	0	87	41.9	1971	39	153	118	3.923	1.297	0.331	11.9	24.10
1397	40.3631	116.9984	-152.8	422	QF	0	0	0	0	86	42.4	2088	39	106	158	2.718	0.671	0.247	11.9	24.10
1398	40.3625	116.9984	-156.0	450	QF	0	0	0	0	90	43.6	2064	54	80	142	1.481	0.563	0.380	11.8	24.09
1399	40.3619	116.9984	-155.7	451	QF	0	0	0	0	90	43.6	1994	54	41	145	0.759	0.283	0.372	11.8	24.09
1400	40.3612	116.9985	-156.4	409	QF	0	0	0	0	84	43.0	2025	47	82	175	1.745	0.469	0.269	11.8	24.08
1401	40.3606	116.9985	-155.0	385	QF	0	0	0	0	85	42.7	2025	49	85	125	1.735	0.680	0.392	11.9	24.08
1402	40.3600	116.9985	-153.7	378	QF	0	0	0	0	89	42.6	2105	52	82	145	1.577	0.566	0.359	12.1	24.08
1403	40.3594	116.9985	-154.8	387	QF	0	0	0	0	87	42.7	2092	53	124	132	2.340	0.939	0.402	12.1	24.08
1404	40.3587	116.9985	-156.0	384	QF	0	0	0	0	97	42.7	2192	49	114	154	2.327	0.740	0.318	12.1	24.08
1405	40.3581	116.9985	-154.6	387	QF	0	0	0	0	75	42.7	2247	39	169	141	4.333	1.199	0.277	12.1	24.07
1406	40.3575	116.9985	-155.6	378	QF	0	0	0	0	82	42.6	2275	45	55	230	1.222	0.239	0.196	12.1	24.07
1407	40.3569	116.9986	-156.7	379	QF	0	0	0	0	78	42.6	2237	40	148	182	3.700	0.813	0.220	12.1	24.07
1408	40.3562	116.9986	-155.4	379	QF	0	0	0	0	79	42.6	2135	45	38	221	0.844	0.172	0.204	12.2	24.06
1409	40.3556	116.9986	-155.8	375	QF	0	0	0	0	97	42.6	2208	40	124	178	3.100	0.697	0.225	12.2	24.05
1410	40.3550	116.9986	-153.5	369	QF	0	0	0	0	97	42.5	2179	37	148	196	4.000	0.755	0.189	12.2	24.05
1411	40.3544	116.9986	-155.7	371	QF	0	0	0	0	81	42.5	2207	49	97	183	1.980	0.530	0.268	12.2	24.05
1412	40.3537	116.9986	-156.6	368	QF	0	0	0	0	79	42.5	2162	46	174	156	3.783	1.115	0.295	12.2	24.06
1413	40.3531	116.9986	-157.3	364	QF	0	0	0	0	82	42.4	2346	51	115	210	2.255	0.548	0.243	12.2	24.05
1414	40.3525	116.9986	-157.7	364	QF	0	0	0	0	84	42.4	2264	67	84	217	1.254	0.387	0.309	12.2	24.06
1415	40.3519	116.9987	-156.8	364	QF	0	0	0	0	86	42.4	2253	60	32	243	0.533	0.132	0.247	12.2	24.05
1416	40.3512	116.9987	-155.7	367	QF	0	0	0	0	85	42.5	2325	47	144	176	3.064	0.818	0.267	12.2	24.04
1417	40.3506	116.9987	-159.8	380	QF	0	0	0	0	76	44.4	2276	77	78	162	1.013	0.481	0.475	12.2	24.03

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1418	40.3500	116.9987	-156.7	406	QF	0	0	0	0	83	44.7	2288	55	40	242	0.727	0.165	0.227	12.1	24.02
1419	40.3494	116.9987	-155.0	417	QF	0	0	0	0	86	44.9	2338	51	84	214	1.647	0.393	0.238	12.0	24.01
1420	40.3487	116.9987	-158.0	414	QF	0	0	0	0	75	44.8	2548	53	203	137	3.830	1.482	0.387	11.9	24.00
1421	40.3481	116.9987	-158.8	420	QF	0	0	0	0	83	44.9	2470	42	164	182	3.905	0.901	0.231	12.0	23.98
1422	40.3475	116.9987	-158.2	424	QF	0	0	0	0	82	45.0	2727	63	140	244	2.222	0.574	0.258	12.0	23.97
1423	40.3468	116.9988	-161.5	428	QF	0	0	0	0	93	45.0	2850	90	110	227	1.222	0.485	0.396	11.9	23.95
1424	40.3462	116.9988	-161.5	419	QF	0	0	0	0	94	44.9	2941	103	128	215	1.243	0.595	0.479	12.0	23.93
1425	40.3456	116.9988	-160.1	396	QF	0	0	0	0	82	44.6	3118	102	229	164	2.245	1.396	0.622	12.0	23.90
1426	40.3450	116.9988	-148.0	365	QF	0	0	0	0	92	44.1	3053	106	186	222	1.755	0.838	0.477	11.9	23.88
1427	40.3443	116.9988	-136.1	320	QF	0	0	0	0	87	43.4	3140	109	161	256	1.477	0.629	0.426	11.8	23.86
1428	40.3437	116.9988	-114.2	287	TC2	0	0	0	0	87	42.9	2878	92	168	274	1.826	0.613	0.336	11.8	23.84
1429	40.3431	116.9988	-106.3	271	TC2	0	0	0	0	84	42.6	2854	71	319	207	4.493	1.541	0.343	11.8	23.82
1430	40.3425	116.9988	-129.3	312	TC2	0	0	0	0	83	43.3	2836	75	142	279	1.893	0.509	0.269	11.8	23.81
1431	40.3418	116.9989	-154.6	335	TC2	0	0	0	0	86	43.7	3018	78	200	255	2.564	0.784	0.306	11.8	23.80
1432	40.3412	116.9989	-156.9	339	TC2	0	0	0	0	83	43.7	3017	95	141	251	1.484	0.562	0.378	11.8	23.79
1433	40.3406	116.9989	-132.1	333	TC2	0	0	0	0	82	43.6	3000	93	127	286	1.366	0.444	0.325	11.8	23.78
1434	40.3400	116.9989	-87.7	339	TC2	0	0	0	0	94	43.7	2995	89	91	287	1.022	0.317	0.310	11.8	23.77
1435	40.3393	116.9989	-21.5	323	TC2	0	0	0	0	85	43.5	3013	77	197	287	2.558	0.686	0.268	11.8	23.75
1436	40.3387	116.9989	40.6	299	TC2	0	0	0	0	89	34.5	2904	97	151	268	1.557	0.563	0.362	11.7	23.74
1437	40.3381	116.9989	75.3	282	TC2	0	0	0	0	86	34.3	2908	82	140	268	1.707	0.522	0.306	11.8	23.74
1438	40.3375	116.9990	72.3	296	TC2	0	0	0	0	89	34.5	2938	69	191	259	2.768	0.737	0.266	11.8	23.74
1439	40.3368	116.9990	-16.0	305	TC2	0	0	0	0	89	34.6	2974	92	167	251	1.815	0.665	0.367	11.8	23.74
1440	40.3362	116.9990	-86.3	322	TC2	0	0	0	0	95	34.7	3063	76	211	305	2.776	0.692	0.249	11.7	23.74
1441	40.3356	116.9990	-152.3	333	TC2	0	0	0	0	84	34.8	3038	86	160	253	1.860	0.632	0.340	11.7	23.74
1442	40.3350	116.9990	-204.4	346	TC2	0	0	0	0	98	35.0	2994	65	212	251	3.262	0.845	0.259	11.7	23.74
1443	40.3343	116.9990	-248.2	328	TC2	0	0	0	0	92	34.8	3002	94	167	243	1.777	0.687	0.387	11.7	23.74
1444	40.3337	116.9990	-284.2	318	TC2	0	0	0	0	81	34.7	3005	70	195	281	2.786	0.694	0.249	11.6	23.75
1445	40.3331	116.9990	-309.1	313	TC2	0	0	0	0	93	34.7	2884	88	101	303	1.148	0.333	0.290	11.5	23.75
1446	40.3325	116.9991	-303.5	321	TC2	0	0	0	0	96	34.7	3049	66	172	307	2.606	0.560	0.215	11.5	23.75
1447	40.3318	116.9991	-268.9	323	TC2	0	0	0	0	85	34.8	3003	85	218	202	2.565	1.079	0.421	11.5	23.75
1448	40.3312	116.9991	-264.7	330	TC2	0	0	0	0	103	34.8	2990	85	112	318	1.318	0.352	0.267	11.6	23.76
1449	40.3306	116.9991	-272.3	335	TC2	0	0	0	0	90	34.9	3188	97	115	325	1.186	0.354	0.298	11.6	23.77
1450	40.3300	116.9991	-293.3	329	TC2	0	0	0	0	93	34.8	2982	77	205	264	2.662	0.777	0.292	11.6	23.77
1451	40.3293	116.9991	-320.9	331	TC2	0	0	0	0	91	34.8	3166	80	247	286	3.088	0.864	0.280	11.6	23.77
1452	40.3287	116.9991	-333.1	332	TC2	0	0	0	0	93	34.8	3093	92	199	238	2.163	0.836	0.387	11.5	23.78
1453	40.3281	116.9991	-318.4	340	TC2	0	0	0	0	95	34.9	2986	69	15.	288	2.304	0.552	0.240	11.4	23.78
1454	40.3275	116.9992	-307.8	347	TC2	0	0	0	0	79	35.0	3073	101	40	338	0.396	0.118	0.299	11.4	23.78
1455	40.3268	116.9992	-298.3	356	TC2	0	0	0	0	85	33.0	3142	92	136	298	1.478	0.456	0.309	11.3	23.78
1456	40.3262	116.9992	-290.0	359	TC2	0	0	0	0	92	33.0	3008	88	47	327	0.534	0.144	0.269	11.3	23.78
1457	40.3256	116.9992	-282.5	375	TC2	0	0	0	0	90	33.2	3064	92	110	312	1.196	0.353	0.295	11.3	23.78
1458	40.3250	116.9992	-267.7	398	TC2	0	0	0	0	91	33.4	3190	73	158	301	2.164	0.525	0.243	11.3	23.79
1459	40.3243	116.9992	-250.5	439	TC2	0	0	0	0	89	33.7	2898	74	153	252	2.068	0.607	0.294	11.3	23.79
1460	40.3237	116.9992	-234.4	474	QOA2	0	0	0	0	88	33.9	2619	68	142	252	2.088	0.563	0.270	11.2	23.79
1461	40.3232	116.9992	-219.2	490	QOA2	0	0	0	0	86	34.1	2626	70	96	237	1.371	0.405	0.295	11.3	23.79
1462	40.3227	116.9992	-203.5	493	QOA2	0	0	0	0	87	34.1	2476	39	206	197	5.282	1.046	0.198	11.3	23.79
1463	40.3222	116.9991	-189.9	496	QOA2	0	0	0	0	93	34.1	2717	68	133	153	1.956	0.869	0.444	11.3	23.79
1464	40.3218	116.9991	-187.5	490	QOA2	0	0	0	0	88	34.1	2338	48	108	155	2.250	0.697	0.310	11.3	23.79
1465	40.3213	116.9991	-189.7	487	QOA2	0	0	0	0	91	34.0	2363	69	61	226	0.884	0.270	0.305	11.3	23.80
1466	40.3208	116.9991	-190.7	487	QOA2	0	0	0	0	91	34.0	2391	69	159	157	2.304	1.013	0.439	11.3	23.79
1467	40.3203	116.9990	-191.2	484	QOA2	0	0	0	0	92	34.0	2565	66	130	202	1.970	0.644	0.327	11.3	23.80
1468	40.3198	116.9990	-192.6	465	QOA2	0	0	0	0	92	33.9	2478	62	116	203	1.871	0.571	0.305	11.3	23.80
1469	40.3193	116.9990	-194.0	442	QOA2	0	0	0	0	88	33.7	2494	56	99	242	1.768	0.409	0.231	11.4	23.80
1470	40.3188	116.9990	-195.1	436	OV3	0	0	0	0	92	33.7	2500	75	68	212	0.907	0.321	0.354	11.5	23.80
1471	40.3184	116.9989	-193.0	409	OV3	0	0	0	0	84	33.4	2340	50	158	178	3.160	0.888	0.281	11.5	23.79

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1472	40.3179	116.9989	-190.2	355	OV3	0	0	0	0	88	33.0	2129	45	87	191	1.933	0.455	0.236	11.5	23.78
1473	40.3174	116.9989	-190.1	343	OV3	0	0	0	0	91	32.9	1986	51	89	161	1.745	0.553	0.317	11.5	23.78
1474	40.3169	116.9988	-189.6	370	OV3	0	0	0	0	97	25.3	2077	39	72	178	1.846	0.404	0.219	11.5	23.77
1475	40.3164	116.9988	-187.3	456	OV3	0	0	0	0	90	25.5	2114	26	127	189	4.885	0.672	0.138	11.4	23.76
1476	40.3159	116.9988	-187.0	464	OV3	0	0	0	0	86	25.6	2214	52	138	156	2.654	0.885	0.333	11.4	23.75
1477	40.3155	116.9988	-185.1	461	OV3	0	0	0	0	88	25.5	2246	47	201	125	4.277	1.608	0.376	11.4	23.75
1478	40.3150	116.9987	-186.6	484	OV3	0	0	0	0	98	25.6	2349	45	110	221	2.444	0.498	0.204	11.4	23.74
1479	40.3145	116.9987	-186.3	490	OV3	0	0	0	0	91	25.6	2376	54	122	191	2.259	0.639	0.283	11.4	23.72
1480	40.3140	116.9987	-186.0	493	OV3	0	0	0	0	86	25.6	2310	52	80	192	1.538	0.417	0.271	11.4	23.71
1481	40.3135	116.9986	-184.7	493	OV3	0	0	0	0	87	25.6	2322	63	127	171	2.016	0.743	0.368	11.4	23.70
1482	40.3130	116.9986	-185.8	490	OV3	0	0	0	0	86	25.6	2277	44	94	215	2.136	0.437	0.205	11.3	23.69
1483	40.3125	116.9986	-186.0	489	OV3	0	0	0	0	82	25.6	2274	26	152	189	5.846	0.804	0.138	11.2	23.68
1484	40.3121	116.9986	-188.5	492	OV3	0	0	0	0	102	25.6	2279	48	92	216	1.917	0.426	0.222	11.2	23.67
1485	40.3116	116.9985	-190.0	490	OV3	0	0	0	0	86	25.6	2247	49	98	159	2.000	0.616	0.308	11.2	23.65
1486	40.3111	116.9985	-187.9	494	OV3	0	0	0	0	94	25.6	2306	47	125	217	2.660	0.576	0.217	11.2	23.63
1487	40.3106	116.9985	-190.2	492	OV3	0	0	0	0	87	25.6	2408	45	160	169	3.556	0.947	0.266	11.2	23.62
1488	40.3101	116.9984	-188.7	489	OV3	0	0	0	0	97	25.6	2295	55	104	167	1.891	0.623	0.329	11.2	23.62
1489	40.3096	116.9984	-190.4	470	OV3	0	0	0	0	85	25.6	2211	47	85	164	1.809	0.518	0.287	11.1	23.61
1490	40.3091	116.9984	-190.8	449	DS	0	0	0	0	91	25.5	2112	60	83	162	1.383	0.512	0.370	11.2	23.59
1491	40.3087	116.9984	-191.6	433	DS	0	0	0	0	83	25.5	2090	53	111	193	2.094	0.575	0.275	11.3	23.59
1492	40.3082	116.9983	-192.2	450	DS	0	0	0	0	90	25.5	2214	61	83	182	1.361	0.456	0.335	11.3	23.58
1493	40.3077	116.9983	-191.3	474	DS	0	0	0	0	91	17.0	2356	57	165	117	2.895	1.410	0.487	11.3	23.58
1494	40.3072	116.9983	-192.9	484	DS	0	0	0	0	89	16.9	2417	41	165	171	4.024	0.965	0.240	11.2	23.57
1495	40.3067	116.9982	-192.7	481	DS	0	0	0	0	95	16.9	2285	48	113	163	2.354	0.693	0.294	11.3	23.57
1496	40.3062	116.9982	-194.3	473	DS	0	0	0	0	87	17.0	2223	55	117	178	2.127	0.657	0.309	11.3	23.55
1497	40.3057	116.9982	-194.5	449	DS	0	0	0	0	85	17.0	2291	43	126	201	2.930	0.627	0.214	11.3	23.53
1498	40.3053	116.9982	-194.4	418	DS	0	0	0	0	88	17.0	2391	52	120	152	2.308	0.789	0.342	11.2	23.52
1499	40.3048	116.9981	-192.7	382	DS	0	0	0	0	89	17.1	2102	36	158	143	4.389	1.105	0.252	11.2	23.52
1500	40.3043	116.9981	-195.1	362	DS	0	0	0	0	100	17.1	2097	58	128	132	2.207	0.970	0.439	11.2	23.52
1501	40.3038	116.9981	-194.3	346	DS	0	0	0	0	89	17.2	1972	47	174	122	3.702	1.426	0.385	11.1	23.51
1502	40.3033	116.9980	-195.8	338	DS	0	0	0	0	90	17.2	2060	43	138	143	3.209	0.965	0.301	11.1	23.49
1503	40.3028	116.9980	-197.7	349	DS	0	0	0	0	93	17.2	2020	45	145	129	3.222	1.124	0.349	11.1	23.49
1504	40.3024	116.9980	-196.8	362	DS	0	0	0	0	94	17.1	2028	45	128	153	2.844	0.837	0.294	11.1	23.48
1505	40.3019	116.9980	-195.8	396	DS	0	0	0	0	95	17.1	2054	34	144	140	4.235	1.029	0.243	11.1	23.47
1506	40.3014	116.9979	-198.2	433	DS	0	0	0	0	110	17.0	2101	62	82	127	1.323	0.646	0.488	11.0	23.46
1507	40.3009	116.9979	-197.9	473	DS	0	0	0	0	94	17.0	2339	48	156	179	3.250	0.872	0.268	11.0	23.46
1508	40.3004	116.9979	-195.6	478	DS	0	0	0	0	90	16.9	2326	62	75	206	1.210	0.364	0.301	10.9	23.45
1509	40.2999	116.9979	-195.3	480	DS	0	0	0	0	97	16.9	2345	44	159	188	3.614	0.846	0.234	10.9	23.45
1510	40.2994	116.9978	-195.3	484	DS	0	0	0	0	101	16.9	2431	43	106	226	2.465	0.469	0.190	10.9	23.44
1511	40.2990	116.9978	-196.7	486	DS	0	0	0	0	100	16.9	2393	35	124	201	3.543	0.617	0.174	10.8	23.43
1512	40.2985	116.9978	-196.3	480	DS	0	0	0	0	87	17.5	2511	47	136	240	2.894	0.567	0.196	10.7	23.42
1513	40.2980	116.9977	-198.1	471	DS	0	0	0	0	108	17.5	2846	59	171	155	2.898	1.103	0.381	10.6	23.41
1514	40.2975	116.9977	-197.0	452	DS	0	0	0	0	84	17.5	2489	56	108	230	1.929	0.470	0.243	10.7	23.41
1515	40.2970	116.9977	-197.5	449	DS	0	0	0	0	94	17.5	2383	47	142	186	3.021	0.763	0.253	10.7	23.40
1516	40.2965	116.9977	-200.8	441	DS	0	0	0	0	90	17.5	2448	46	187	162	4.065	1.154	0.284	10.6	23.38
1517	40.2960	116.9976	-197.8	448	DS	0	0	0	0	95	17.5	2573	40	196	177	4.900	1.107	0.226	10.6	23.37
1518	40.2956	116.9976	-197.1	440	DS	0	0	0	0	89	17.5	2588	64	210	161	3.281	1.304	0.398	10.5	23.36
1519	40.2951	116.9976	-199.4	425	DS	0	0	0	0	97	17.6	2570	57	144	224	2.526	0.643	0.254	10.3	23.35
1520	40.2946	116.9975	-199.5	417	DS	0	0	0	0	104	17.6	2550	54	125	233	2.315	0.536	0.232	10.2	23.33
1521	40.2941	116.9975	-201.2	421	DS	0	0	0	0	96	17.6	2566	45	157	231	3.489	0.680	0.195	10.1	23.33
1522	40.2936	116.9975	-201.0	417	DS	0	0	0	0	93	17.6	2708	54	134	252	2.481	0.532	0.214	10.1	23.32
1523	40.2931	116.9975	-201.8	371	DS	0	0	0	0	94	17.6	2748	59	144	250	2.441	0.576	0.236	10.1	23.31
1524	40.2926	116.9974	-201.0	318	DS	0	0	0	0	92	17.7	2340	50	182	167	3.640	1.090	0.299	10.0	23.30
1525	40.2922	116.9974	-203.5	317	DS	0	0	0	0	91	17.7	2599	39	144	216	3.692	0.667	0.181	10.0	23.29

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1526	40.2917	116.9974	-204.8	347	DS	0	0	0	0	93	17.7	2507	67	119	191	1.776	0.623	0.351	10.0	23.26
1527	40.2912	116.9973	-203.5	321	DS	0	0	0	0	99	17.7	2544	56	186	212	3.321	0.877	0.264	9.9	23.24
1528	40.2907	116.9973	-205.1	274	DS	0	0	0	0	108	17.8	2345	41	159	205	3.878	0.776	0.200	9.8	23.22
1529	40.2902	116.9973	-203.0	250	DS	0	0	0	0	104	17.8	2321	52	125	196	2.404	0.638	0.265	9.8	23.20
1530	40.2897	116.9973	-204.0	247	TAD1	0	0	0	0	90	17.8	2242	48	138	185	2.875	0.746	0.259	9.7	23.19
1531	40.2893	116.9972	-204.8	237	TAD1	0	0	0	0	87	27.2	2160	41	183	150	4.463	1.220	0.273	9.6	23.18
1532	40.2888	116.9972	-205.9	224	TAD1	0	0	0	0	95	27.2	2135	58	93	175	1.603	0.531	0.331	9.6	23.16
1533	40.2883	116.9972	-204.4	223	TAD1	0	0	0	0	94	27.2	2094	58	92	189	1.586	0.487	0.307	9.6	23.14
1534	40.2878	116.9971	-204.3	268	TAD1	0	0	0	0	108	27.4	2263	49	118	201	2.408	0.587	0.244	9.6	23.12
1535	40.2873	116.9971	-203.3	324	TAD1	0	0	0	0	102	27.7	2254	49	68	243	1.388	0.280	0.202	9.5	23.11
1536	40.2868	116.9971	-203.8	363	TAD1	0	0	0	0	97	27.9	2544	50	123	249	2.460	0.494	0.201	9.4	23.10
1537	40.2863	116.9971	-204.6	348	TAD1	0	0	0	0	96	27.8	2477	66	153	206	2.318	0.743	0.320	9.3	23.10
1538	40.2859	116.9970	-203.9	350	TAD1	0	0	0	0	100	27.8	2492	53	107	252	2.019	0.425	0.210	9.3	23.09
1539	40.2854	116.9970	-204.5	306	TAD1	0	0	0	0	103	27.6	2432	59	146	213	2.475	0.685	0.277	9.2	23.08
1540	40.2849	116.9970	-203.0	300	TAD1	0	0	0	0	102	27.6	2383	53	88	242	1.660	0.364	0.219	9.2	23.08
1541	40.2844	116.9969	-205.2	331	TAD1	0	0	0	0	89	27.7	2374	66	145	173	2.197	0.838	0.382	9.1	23.08
1542	40.2839	116.9969	-203.9	370	TAD1	0	0	0	0	108	27.9	2450	40	112	242	2.800	0.463	0.165	9.0	23.08
1543	40.2834	116.9969	-204.8	407	TAD1	0	0	0	0	90	28.1	2408	38	167	202	4.395	0.827	0.188	8.9	23.07
1544	40.2829	116.9969	-204.6	459	TAD1	0	0	0	0	85	28.4	2322	67	93	171	1.388	0.544	0.392	8.8	23.07
1545	40.2825	116.9968	-203.9	490	TAD1	0	0	0	0	106	28.5	2345	45	82	233	1.822	0.352	0.193	8.8	23.08
1546	40.2820	116.9968	-204.4	510	TAD1	0	0	0	0	107	28.6	2298	28	162	157	5.786	1.032	0.178	8.7	23.08
1547	40.2815	116.9968	-204.4	544	TAD1	0	0	0	0	103	28.7	2541	45	109	173	2.422	0.630	0.260	8.6	23.07
1548	40.2810	116.9968	-203.7	600	TAD1	0	0	0	0	93	28.9	2416	45	139	154	3.089	0.903	0.292	8.6	23.07
1549	40.2805	116.9967	-202.4	544	TAD1	0	0	0	0	99	28.7	2638	74	77	156	1.041	0.494	0.474	8.6	23.07
1550	40.2800	116.9967	-208.2	501	TAD1	0	0	0	0	102	37.4	2259	64	47	170	0.734	0.276	0.376	8.5	23.07
1551	40.2795	116.9967	-205.8	492	TAD1	0	0	0	0	106	37.3	2469	31	120	184	3.871	0.652	0.168	8.5	23.08
1552	40.2791	116.9966	-206.1	459	TAD1	0	0	0	0	98	37.0	2433	53	65	215	1.226	0.302	0.247	8.5	23.08
1553	40.2786	116.9966	-206.8	399	TAD1	0	0	0	0	99	36.4	2344	38	122	235	3.211	0.519	0.162	8.5	23.08
1554	40.2781	116.9966	-205.8	369	TAD1	0	0	0	0	97	36.2	2216	69	99	148	1.435	0.669	0.466	8.5	23.08
1555	40.2776	116.9966	-207.6	358	TAD1	0	0	0	0	97	36.0	2445	52	73	177	1.404	0.412	0.294	8.4	23.09
1556	40.2771	116.9965	-207.5	398	TAD1	0	0	0	0	98	36.4	2208	53	71	204	1.340	0.348	0.260	8.5	23.09
1557	40.2766	116.9965	-209.6	452	TAD1	0	0	1	0	103	36.9	2227	61	16	239	0.262	0.067	0.255	8.5	23.10
1558	40.2762	116.9965	-208.3	486	TAD1	0	0	0	0	87	37.3	2273	59	91	160	1.542	0.569	0.369	8.5	23.10
1559	40.2757	116.9964	-208.4	495	TAD1	0	0	0	0	104	37.3	2189	39	88	196	2.256	0.449	0.199	8.5	23.11
1560	40.2752	116.9964	-210.5	511	TAD1	0	0	0	0	105	37.5	2588	26	122	158	4.692	0.772	0.165	8.5	23.12
1561	40.2747	116.9964	-206.5	547	TAD1	0	0	0	0	95	37.8	2151	26	170	141	6.538	1.206	0.184	8.5	23.13
1562	40.2742	116.9964	-209.0	577	TAD1	0	0	0	0	98	38.0	2087	36	117	151	3.250	0.775	0.238	8.4	23.14
1563	40.2737	116.9963	-210.7	616	TAD1	0	0	0	0	96	38.3	2311	48	78	204	1.625	0.382	0.235	8.5	23.15
1564	40.2732	116.9963	-210.7	634	TAD1	0	0	0	0	95	38.5	2411	37	64	207	1.730	0.309	0.179	8.5	23.16
1565	40.2728	116.9963	-213.1	552	TAD1	0	0	0	0	90	37.8	2115	41	96	162	2.341	0.593	0.253	8.4	23.17
1566	40.2723	116.9962	-212.6	493	TAD1	0	0	0	0	118	37.3	2099	21	167	139	7.952	1.201	0.151	8.4	23.18
1567	40.2718	116.9962	-214.8	494	TAD1	0	0	0	0	99	37.3	2214	41	92	159	2.244	0.579	0.258	8.5	23.18
1568	40.2713	116.9962	-216.6	494	TAD1	0	0	0	0	98	37.3	2276	39	114	173	2.923	0.659	0.225	8.4	23.18
1569	40.2708	116.9962	-216.9	490	TAD1	0	0	0	0	93	32.8	2372	35	161	202	4.600	0.797	0.173	8.5	23.19
1570	40.2703	116.9961	-216.4	451	TAD1	0	0	0	0	97	32.6	2276	39	113	189	2.897	0.598	0.206	8.6	23.19
1571	40.2698	116.9961	-215.2	359	TAD1	0	0	0	0	101	31.9	2272	45	166	192	3.689	0.865	0.234	8.6	23.20
1572	40.2694	116.9961	-217.8	312	TAD1	0	0	0	0	96	31.5	2127	51	44	234	0.863	0.138	0.218	8.6	23.20
1573	40.2689	116.9960	-217.7	320	TAD1	0	0	0	0	94	31.6	2227	39	130	209	3.333	0.622	0.187	8.7	23.21
1574	40.2684	116.9960	-221.7	321	TAD1	0	0	0	0	93	31.6	2112	41	112	216	2.732	0.519	0.190	8.7	23.21
1575	40.2679	116.9960	-219.6	330	TAD1	0	0	0	0	94	31.7	2296	58	149	200	2.569	0.745	0.290	8.8	23.22
1576	40.2674	116.9960	-221.9	359	TAD1	0	0	0	0	106	31.9	2324	41	129	232	3.146	0.556	0.177	8.8	23.23
1577	40.2669	116.9959	-221.7	380	TAD1	0	0	0	0	91	32.1	2314	54	109	214	2.019	0.509	0.252	8.8	23.24
1578	40.2664	116.9959	-223.3	399	TAD1	0	0	0	0	96	32.2	2341	59	90	200	1.525	0.450	0.295	8.8	23.25
1579	40.2660	116.9959	-226.4	439	TAD1	0	0	0	0	100	32.5	2442	33	205	146	6.212	1.404	0.226	8.9	23.26

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1580	40.2655	116.9959	-226.8	456	TS5	0	0	0	0	91	32.6	2348	37	182	112	4.919	1.625	0.330	9.0	23.27
1581	40.2650	116.9958	-227.3	485	TS5	0	0	0	0	100	32.8	2432	57	109	188	1.912	0.580	0.303	9.0	23.28
1582	40.2645	116.9958	-229.2	487	TS5	0	0	0	0	99	32.8	2455	52	133	159	2.558	0.836	0.327	9.1	23.29
1583	40.2640	116.9958	-230.2	494	TS5	0	0	0	0	101	32.8	2351	46	114	200	2.478	0.570	0.230	9.1	23.29
1584	40.2635	116.9957	-230.2	496	TS5	0	0	0	0	101	32.9	2442	34	123	196	3.618	0.628	0.173	9.2	23.30
1585	40.2631	116.9957	-230.5	510	TS5	0	0	0	0	103	32.9	2070	43	169	116	3.930	1.457	0.371	9.2	23.31
1586	40.2626	116.9957	-231.8	541	TS5	0	0	0	0	101	33.1	2321	50	144	122	2.880	1.180	0.410	9.3	23.32
1587	40.2621	116.9957	-231.9	523	TS5	0	0	0	0	96	33.0	2437	41	121	191	2.951	0.634	0.215	9.3	23.33
1588	40.2616	116.9956	-231.4	498	TS5	0	0	0	0	95	22.3	2179	29	183	142	6.310	1.289	0.204	9.4	23.34
1589	40.2611	116.9956	-227.9	494	TS5	0	0	0	0	103	22.3	2236	35	120	122	3.429	0.984	0.287	9.4	23.35
1590	40.2606	116.9956	-224.6	494	TS5	0	0	0	0	102	22.3	2165	36	89	163	2.472	0.546	0.221	9.4	23.36
1591	40.2601	116.9955	-221.1	501	TS5	0	0	0	0	93	22.3	2086	35	132	115	3.771	1.148	0.304	9.4	23.36
1592	40.2597	116.9955	-219.1	523	TS5	0	0	0	0	100	22.4	2154	37	91	210	2.459	0.433	0.176	9.5	23.37
1593	40.2592	116.9955	-219.1	522	TS5	0	0	0	0	102	22.4	2319	45	128	152	2.844	0.842	0.296	9.5	23.37
1594	40.2587	116.9955	-216.1	493	TS5	0	0	0	0	83	22.3	2348	45	91	194	2.022	0.469	0.232	9.6	23.38
1595	40.2582	116.9954	-210.9	456	TS5	0	0	0	0	94	22.3	2247	42	90	184	2.143	0.489	0.228	9.6	23.38
1596	40.2577	116.9954	-210.6	460	TS5	0	0	0	0	107	22.3	2190	37	150	140	4.054	1.071	0.264	9.6	23.39
1597	40.2572	116.9954	-206.1	486	TS5	0	0	0	0	95	22.3	2266	38	208	117	5.474	1.778	0.325	9.7	23.40
1598	40.2567	116.9953	-204.8	485	TS5	0	0	0	0	93	22.3	2556	76	151	163	1.987	0.926	0.466	9.7	23.41
1599	40.2563	116.9953	-201.7	436	TS5	0	0	0	0	92	22.3	2495	54	189	151	3.500	1.252	0.358	9.7	23.41
1600	40.2558	116.9953	-193.6	417	TS5	0	0	0	0	88	22.2	2302	54	182	111	3.370	1.640	0.486	9.7	23.42
1601	40.2553	116.9953	-186.8	428	TS5	0	0	0	0	97	22.3	2490	54	135	191	2.500	0.707	0.283	9.8	23.43
1602	40.2548	116.9952	-183.9	449	TS5	0	0	0	0	91	22.3	2657	55	131	271	2.382	0.483	0.203	9.8	23.43
1603	40.2543	116.9952	-179.7	467	TS5	0	0	0	0	93	22.3	2783	87	103	217	1.184	0.475	0.401	9.8	23.44
1604	40.2538	116.9952	-173.4	475	TS5	0	0	0	0	91	22.3	2775	71	142	220	2.000	0.645	0.323	9.8	23.45
1605	40.2533	116.9951	-168.7	437	QOA2	0	0	0	0	100	22.3	2830	90	95	265	1.056	0.358	0.340	9.8	23.45
1606	40.2529	116.9951	-163.0	427	QOA2	0	0	0	0	90	22.3	2703	77	145	235	1.883	0.617	0.328	9.8	23.46
1607	40.2524	116.9951	-159.6	439	QOA2	0	0	0	0	100	18.5	2809	54	246	186	4.556	1.323	0.290	9.8	23.46
1608	40.2519	116.9951	-156.5	459	QOA2	0	0	0	0	96	18.5	2758	62	214	206	3.452	1.039	0.301	9.7	23.46
1609	40.2514	116.9950	-151.7	430	QOA2	0	0	0	0	89	18.5	2701	93	115	209	1.237	0.550	0.445	9.7	23.46
1610	40.2509	116.9950	-149.6	408	QOA2	0	0	0	0	93	18.5	2698	70	183	219	2.614	0.836	0.320	9.7	23.46
1611	40.2504	116.9950	-147.5	415	QOA2	0	0	0	0	96	18.5	2886	67	97	301	1.448	0.322	0.223	9.6	23.46
1612	40.2500	116.9949	-143.5	422	QOA2	0	0	0	0	92	18.5	2695	65	183	233	2.815	0.785	0.279	9.7	23.46
1613	40.2495	116.9949	-141.6	430	QOA2	0	0	0	0	91	18.5	2993	86	220	168	2.558	1.310	0.512	9.7	23.46
1614	40.2490	116.9949	-139.4	432	QOA2	0	0	0	0	91	18.5	2867	80	185	186	2.313	0.995	0.430	9.7	23.47
1615	40.2485	116.9949	-137.8	437	QOA2	0	0	0	0	99	18.5	2983	87	150	191	1.724	0.785	0.455	9.6	23.47
1616	40.2480	116.9948	-138.3	444	QOA2	0	0	0	0	96	18.5	2941	71	215	203	3.028	1.059	0.350	9.7	23.47
1617	40.2475	116.9948	-135.8	439	QOA2	0	0	0	0	94	18.5	2971	74	181	242	2.446	0.748	0.306	9.7	23.47
1618	40.2470	116.9948	-137.6	427	QOA2	0	0	0	0	101	18.5	3304	59	236	211	4.000	1.118	0.280	9.7	23.47
1619	40.2466	116.9948	-141.3	401	QOA2	0	0	0	0	89	18.5	2931	85	174	247	2.023	0.704	0.348	9.7	23.47
1620	40.2461	116.9947	-141.6	361	QOA2	0	0	0	0	91	18.5	2833	87	145	224	1.667	0.647	0.388	9.7	23.48
1621	40.2456	116.9947	-141.3	338	QOA2	0	0	0	0	90	18.6	2893	101	142	223	1.406	0.637	0.453	9.7	23.48
1622	40.2451	116.9947	-141.3	336	QOA2	0	0	0	0	103	18.6	2828	70	233	216	3.329	1.079	0.324	9.7	23.48
1623	40.2446	116.9946	-138.5	317	QOA2	0	0	0	0	98	18.6	2874	78	120	273	1.538	0.440	0.286	9.7	23.48
1624	40.2441	116.9946	-136.1	300	QOA2	0	0	0	0	97	18.6	2718	77	128	221	1.662	0.579	0.348	9.7	23.48
1625	40.2436	116.9946	-132.8	300	QOA2	0	0	0	0	85	18.6	2882	80	138	279	1.725	0.495	0.287	9.7	23.48
1626	40.2432	116.9946	-131.5	308	QOA2	0	0	0	0	88	19.6	2719	64	211	209	3.297	1.010	0.306	9.6	23.48
1627	40.2427	116.9945	-131.0	333	QOA2	0	0	0	0	93	19.6	2871	83	147	220	1.771	0.668	0.377	9.5	23.48
1628	40.2422	116.9945	-130.9	355	QOA2	0	0	0	0	100	19.6	2826	56	208	234	3.714	0.889	0.239	9.5	23.48
1629	40.2417	116.9945	-133.6	359	QOA2	0	0	0	0	104	19.6	2972	70	126	290	1.800	0.434	0.241	9.5	23.48
1630	40.2412	116.9944	-133.4	320	QOA2	0	0	0	0	96	19.6	2793	73	169	205	2.315	0.824	0.356	9.4	23.48
1631	40.2407	116.9944	-126.9	281	QOA2	0	0	0	0	94	19.6	2655	102	86	238	0.843	0.361	0.429	9.4	23.48
1632	40.2402	116.9944	-120.1	265	QOA2	0	0	0	0	82	19.6	2668	75	151	256	2.013	0.590	0.293	9.4	23.48
1633	40.2398	116.9944	-114.6	264	QOA2	0	0	0	0	97	19.6	2693	82	158	218	1.927	0.725	0.376	9.3	23.48

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1634	40.2393	116.9943	-115.6	284	QOA2	0	0	0	0	103	19.6	2843	69	190	269	2.754	0.706	0.257	9.2	23.47
1635	40.2388	116.9943	-118.3	321	QOA2	0	0	0	0	99	19.6	2926	93	160	260	1.720	0.615	0.358	9.2	23.47
1636	40.2383	116.9943	-121.9	304	QOA2	0	0	0	0	86	19.6	2896	86	138	265	1.605	0.521	0.325	9.2	23.47
1637	40.2378	116.9942	-121.3	291	QOA2	0	0	0	0	98	19.6	2691	67	231	187	3.448	1.235	0.358	9.1	23.47
1638	40.2373	116.9942	-118.1	287	QOA2	0	0	0	0	99	19.6	2711	72	188	194	2.611	0.969	0.371	9.1	23.47
1639	40.2368	116.9942	-115.8	282	QOA2	0	0	0	0	95	19.6	2757	86	183	212	2.128	0.863	0.406	9.1	23.46
1640	40.2364	116.9942	-114.1	275	TS5	0	0	0	0	97	19.6	2768	97	128	237	1.320	0.540	0.409	9.1	23.47
1641	40.2359	116.9941	-111.1	303	TS5	0	0	0	0	92	19.6	2841	89	103	262	1.157	0.393	0.340	9.2	23.47
1642	40.2354	116.9941	-113.0	319	TS5	0	0	0	0	88	19.6	2842	93	179	211	1.925	0.848	0.441	9.1	23.48
1643	40.2349	116.9941	-126.7	319	TS5	0	0	0	0	82	19.6	2843	88	95	256	1.080	0.371	0.344	9.1	23.48
1644	40.2344	116.9940	-127.5	288	TS5	0	0	0	0	99	19.6	2739	84	85	222	1.012	0.383	0.378	9.1	23.48
1645	40.2339	116.9940	-120.5	255	TS5	0	0	0	0	105	25.8	2654	87	152	210	1.747	0.724	0.414	9.1	23.49
1646	40.2335	116.9940	-112.9	231	TS5	0	0	0	0	100	25.7	2601	69	247	162	3.580	1.525	0.426	9.1	23.48
1647	40.2330	116.9940	-106.4	235	TS5	0	0	0	0	94	25.7	2702	89	96	256	1.079	0.375	0.348	9.1	23.49
1648	40.2325	116.9939	-101.7	232	TS5	0	0	0	0	90	25.7	2716	90	124	238	1.378	0.521	0.378	9.2	23.48
1649	40.2320	116.9939	-97.3	239	TS5	0	0	0	0	87	25.7	2670	84	141	207	1.679	0.681	0.406	9.1	23.49
1650	40.2315	116.9939	-97.1	268	TS5	0	0	0	0	97	25.9	2782	92	92	234	1.000	0.393	0.393	9.1	23.49
1651	40.2310	116.9939	-100.1	295	TS5	0	0	0	0	92	26.0	2728	86	128	237	1.488	0.540	0.363	9.1	23.49
1652	40.2305	116.9938	-102.7	312	TS5	0	0	0	0	86	26.1	2826	78	144	275	1.846	0.524	0.284	9.1	23.50
1653	40.2301	116.9938	-104.8	332	TS5	0	0	0	0	94	26.1	2635	74	187	189	2.527	0.989	0.392	9.0	23.50
1654	40.2296	116.9938	-106.9	345	TS5	0	0	0	0	95	26.2	2749	82	157	233	1.915	0.674	0.352	9.0	23.51
1655	40.2291	116.9937	-108.7	335	TS5	0	0	0	0	92	26.1	2693	69	220	184	3.188	1.196	0.375	9.0	23.52
1656	40.2286	116.9937	-108.3	324	TS5	0	0	0	0	90	26.1	2610	76	85	260	1.118	0.327	0.292	9.0	23.52
1657	40.2281	116.9937	-103.9	306	TS5	0	0	0	0	96	26.0	2578	60	120	284	2.000	0.423	0.211	9.0	23.52
1658	40.2276	116.9937	-100.0	305	TS5	0	0	0	0	92	26.0	2452	68	175	208	2.574	0.841	0.327	9.0	23.53
1659	40.2271	116.9936	-98.8	317	TS5	0	0	0	0	93	26.1	2464	68	162	210	2.382	0.771	0.324	9.0	23.53
1660	40.2267	116.9936	-102.2	337	TS5	0	0	0	0	86	26.2	2772	84	155	234	1.845	0.662	0.359	9.1	23.54
1661	40.2262	116.9936	-104.5	348	TS5	0	0	0	0	90	26.2	2732	67	170	222	2.537	0.766	0.302	9.1	23.54
1662	40.2257	116.9935	-106.4	360	TS5	0	0	0	0	92	26.2	2710	64	171	235	2.672	0.728	0.272	9.1	23.54
1663	40.2252	116.9935	-109.7	363	TS5	0	0	0	0	81	26.3	2762	74	219	175	2.959	1.251	0.423	9.1	23.55
1664	40.2247	116.9935	-110.4	365	TS5	0	0	0	0	84	31.5	2602	70	154	234	2.200	0.658	0.299	9.2	23.55
1665	40.2242	116.9935	-109.4	359	TS5	0	0	0	0	97	31.5	2552	73	155	220	2.123	0.705	0.332	9.2	23.56
1666	40.2237	116.9934	-109.2	358	TS5	0	0	0	0	100	31.5	2825	75	179	231	2.387	0.775	0.325	9.3	23.56
1667	40.2233	116.9934	-106.7	349	TS5	0	0	0	0	93	31.4	2750	71	188	232	2.648	0.810	0.306	9.2	23.57
1668	40.2228	116.9934	-106.0	371	TS5	0	0	0	0	92	31.5	2759	69	186	260	2.696	0.715	0.265	9.2	23.57
1669	40.2223	116.9933	-110.5	380	TS5	0	0	0	0	83	31.6	2894	92	224	191	2.435	1.173	0.482	9.2	23.58
1670	40.2218	116.9933	-111.2	384	TS5	0	0	0	0	92	31.6	2837	77	137	242	1.779	0.566	0.318	9.2	23.58
1671	40.2213	116.9933	-110.9	378	TS5	0	0	0	0	89	31.6	2864	98	136	264	1.388	0.515	0.371	9.2	23.58
1672	40.2208	116.9933	-114.4	378	TS5	0	0	0	0	97	31.6	2857	77	143	262	1.857	0.546	0.294	9.1	23.59
1673	40.2204	116.9932	-115.0	368	TS5	0	0	0	0	90	31.5	2955	83	93	274	1.120	0.339	0.303	9.1	23.59
1674	40.2199	116.9932	-116.5	367	TS5	0	0	0	0	89	31.5	2890	75	176	264	2.347	0.667	0.284	9.2	23.60
1675	40.2194	116.9932	-119.1	355	TS5	0	0	0	0	99	31.4	2918	79	184	206	2.329	0.893	0.383	9.2	23.60
1676	40.2189	116.9931	-119.4	347	TS5	0	0	0	0	98	31.4	2767	101	83	246	0.822	0.337	0.411	9.2	23.61
1677	40.2184	116.9931	-120.1	349	TS5	0	0	0	0	87	31.4	2913	108	188	189	1.741	0.995	0.571	9.3	23.61
1678	40.2179	116.9931	-119.8	354	TS5	0	0	0	0	88	31.4	2858	85	110	289	1.294	0.381	0.294	9.2	23.61
1679	40.2174	116.9931	-120.7	372	TS5	0	0	0	0	98	31.6	2742	73	226	213	3.096	1.061	0.343	9.3	23.62
1680	40.2170	116.9930	-122.6	379	QOA2	0	0	0	0	92	31.6	2787	73	193	213	2.644	0.906	0.343	9.4	23.63
1681	40.2165	116.9930	-127.4	367	QOA2	0	0	0	0	93	31.5	2959	73	170	246	2.329	0.691	0.297	9.4	23.64
1682	40.2160	116.9930	-127.7	363	QOA2	0	0	0	0	94	31.5	2702	50	238	213	4.760	1.117	0.235	9.5	23.65
1683	40.2155	116.9929	-130.0	356	QOA2	0	0	0	0	84	31.9	2761	73	113	262	1.548	0.431	0.279	9.5	23.66
1684	40.2150	116.9929	-131.5	348	QOA2	0	0	0	0	92	31.9	2734	75	152	205	2.027	0.741	0.366	9.5	23.67
1685	40.2145	116.9929	-134.3	342	QOA2	0	0	0	0	88	31.8	2622	61	124	261	2.033	0.475	0.234	9.5	23.67
1686	40.2140	116.9929	-135.6	339	QOA2	0	0	0	0	91	31.8	2715	64	197	252	3.078	0.782	0.254	9.6	23.68
1687	40.2136	116.9928	-138.4	336	QOA2	0	0	0	0	87	31.8	2651	80	172	230	2.150	0.748	0.348	9.6	23.69

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1688	40.2131	116.9929	-139.1	334	QOA2	0	0	0	0	90	31.8	2711	54	188	226	3.481	0.832	0.239	9.6	23.69
1689	40.2127	116.9929	-142.5	329	QOA2	0	0	0	0	91	31.7	2743	58	228	171	3.931	1.333	0.339	9.7	23.70
1690	40.2123	116.9929	-145.0	324	QOA2	0	0	0	0	104	31.7	2726	75	150	221	2.000	0.679	0.339	9.7	23.70
1691	40.2119	116.9929	-146.0	326	QOA2	0	0	0	0	103	31.7	2769	72	220	187	3.056	1.176	0.385	9.8	23.70
1692	40.2115	116.9930	-145.8	329	QOA2	0	0	0	0	99	31.7	2805	85	171	214	2.012	0.799	0.397	9.8	23.70
1693	40.2111	116.9930	-146.5	332	QOA2	0	0	0	0	89	31.8	2866	76	191	251	2.513	0.761	0.303	9.9	23.69
1694	40.2107	116.9930	-146.2	340	QOA2	0	0	0	0	83	31.8	2822	71	259	208	3.648	1.245	0.341	9.8	23.68
1695	40.2103	116.9930	-145.4	352	QOA2	0	0	0	0	98	31.9	2722	78	209	151	2.679	1.384	0.517	9.9	23.67
1696	40.2099	116.9931	-140.6	332	QOA2	0	0	0	0	90	31.8	2889	71	139	268	1.958	0.519	0.265	9.9	23.67
1697	40.2095	116.9931	-138.9	356	QOA2	0	0	0	0	92	31.9	2936	90	163	240	1.811	0.679	0.375	9.8	23.67
1698	40.2090	116.9931	-146.4	357	QOA2	0	0	0	0	92	32.0	2935	76	180	237	2.368	0.759	0.321	9.8	23.66
1699	40.2086	116.9931	-151.8	339	QOA2	0	0	0	0	94	31.8	2916	74	216	231	2.919	0.935	0.320	9.8	23.66
1700	40.2082	116.9932	-147.4	302	QOA2	0	0	0	0	83	31.5	2794	65	265	181	4.077	1.464	0.359	9.8	23.66
1701	40.2078	116.9932	-147.4	275	QOA2	0	0	0	0	88	31.3	2725	82	212	163	2.585	1.301	0.503	9.8	23.65
1702	40.2074	116.9932	-147.4	253	QOA2	0	0	0	0	95	33.4	2631	72	180	194	2.500	0.928	0.371	9.9	23.64
1703	40.2070	116.9932	-147.4	268	QOA2	0	0	0	0	100	33.6	2996	75	192	216	2.560	0.889	0.347	9.9	23.64
1704	40.2066	116.9933	-147.4	292	QOA2	0	0	0	0	91	33.8	2937	77	167	226	2.169	0.739	0.341	10.0	23.64
1705	40.2062	116.9933	-147.4	318	QOA2	0	0	0	0	86	34.1	2927	73	213	201	2.918	1.060	0.363	10.1	23.63
1706	40.2058	116.9933	-147.4	318	QOA2	0	0	0	0	100	34.0	2942	103	47	302	0.456	0.156	0.341	10.1	23.63
1707	40.2053	116.9933	-147.4	306	QOA2	0	0	0	0	95	33.9	2839	63	225	254	3.571	0.886	0.248	10.1	23.63
1708	40.2049	116.9934	-147.4	293	QOA2	0	0	0	0	104	33.8	2936	72	171	212	2.375	0.807	0.340	10.2	23.62
1709	40.2045	116.9934	-147.4	288	QOA2	0	0	0	0	85	33.8	2848	69	160	274	2.319	0.584	0.252	10.2	23.61
1710	40.2041	116.9934	-147.4	300	QOA2	0	0	0	0	91	33.9	2844	80	152	221	1.900	0.688	0.362	10.2	23.61
1711	40.2037	116.9934	-147.4	315	QOA2	0	0	0	0	83	34.0	2834	85	183	257	2.153	0.712	0.331	10.2	23.61
1712	40.2033	116.9935	-147.4	316	QOA2	0	0	0	0	104	34.0	2850	74	202	232	2.730	0.871	0.319	10.2	23.61
1713	40.2029	116.9935	-147.4	336	QOA2	0	0	0	0	93	34.2	2831	69	204	217	2.957	0.940	0.318	10.2	23.60
1714	40.2025	116.9935	-147.4	354	QOA2	0	0	0	0	92	34.4	3021	95	138	260	1.453	0.531	0.365	10.3	23.60
1715	40.2021	116.9935	-147.4	360	QOA2	0	0	0	0	96	34.4	2929	79	159	220	2.013	0.723	0.359	10.3	23.60
1716	40.2016	116.9936	-147.4	359	QOA2	0	0	0	0	89	34.4	2903	78	229	197	2.936	1.162	0.396	10.3	23.60
1717	40.2012	116.9936	-147.4	369	QOA2	0	0	0	0	91	34.5	2958	77	157	262	2.039	0.599	0.294	10.4	23.60
1718	40.2008	116.9936	-147.4	393	QOA2	0	0	0	0	90	34.7	3113	80	237	228	2.963	1.039	0.351	10.4	23.60
1719	40.2004	116.9937	-147.4	404	QOA2	0	0	0	0	99	34.8	3099	94	145	272	1.543	0.533	0.346	10.4	23.60
1720	40.2000	116.9937	-212.6	409	QOA2	0	0	0	0	93	34.9	3002	84	167	256	1.988	0.652	0.328	10.4	23.60
1721	40.1996	116.9937	-213.9	412	QOA2	0	0	0	0	87	27.8	2973	104	141	239	1.356	0.590	0.435	10.5	23.59
1722	40.1992	116.9937	-215.2	406	QOA2	0	0	0	0	88	27.8	3271	73	187	309	2.562	0.605	0.236	10.5	23.59
1723	40.1988	116.9938	-217.4	407	QOA2	0	0	0	0	94	27.8	3042	84	211	231	2.512	0.913	0.364	10.5	23.58
1724	40.1984	116.9938	-217.8	401	QOA2	0	0	0	0	86	27.8	2951	82	155	287	1.890	0.540	0.286	10.6	23.57
1725	40.1980	116.9938	-218.5	381	QOA2	0	0	0	0	94	27.7	3037	94	159	222	1.691	0.716	0.423	10.6	23.56
1726	40.1975	116.9938	-213.1	338	QOA2	0	0	0	0	88	27.5	2898	89	208	201	2.337	1.035	0.443	10.6	23.55
1727	40.1971	116.9939	-210.2	295	QOA2	0	0	0	0	100	27.2	2869	55	260	201	4.643	1.294	0.279	10.6	23.56
1728	40.1967	116.9939	-199.4	276	QOA2	0	0	0	0	87	27.1	2744	70	246	203	3.514	1.212	0.345	10.7	23.55
1729	40.1963	116.9939	-190.8	291	QOA2	0	0	0	0	93	27.2	2818	78	163	227	2.090	0.718	0.344	10.7	23.54
1730	40.1959	116.9939	-183.6	284	QOA2	0	0	0	0	86	27.2	2849	74	167	227	2.257	0.736	0.326	10.7	23.55
1731	40.1955	116.9940	-170.5	270	QOA2	0	0	0	0	91	27.1	2774	91	101	230	1.110	0.439	0.396	10.6	23.54
1732	40.1951	116.9940	-157.2	306	QOA2	0	0	0	0	96	27.3	2970	106	166	212	1.566	0.783	0.500	10.6	23.54
1733	40.1947	116.9940	-159.8	323	QOA2	0	0	0	0	95	27.4	2955	87	194	220	2.230	0.882	0.395	10.6	23.53
1734	40.1943	116.9940	-161.6	325	QOA2	0	0	0	0	85	27.4	3047	76	253	220	3.329	1.150	0.345	10.6	23.53
1735	40.1938	116.9941	-161.9	317	QOA2	0	0	0	0	94	27.4	3097	90	273	222	3.033	1.230	0.405	10.7	23.53
1736	40.1934	116.9941	-162.4	324	QOA2	0	0	0	0	92	27.4	3037	94	197	225	2.096	0.876	0.418	10.7	23.52
1737	40.1930	116.9941	-163.0	336	QOA2	0	0	0	0	94	27.4	3214	102	201	259	1.971	0.776	0.394	10.7	23.52
1738	40.1926	116.9941	-166.0	345	QOA2	0	0	0	0	92	27.5	3181	116	173	224	1.491	0.772	0.518	10.7	23.52
1739	40.1922	116.9942	-166.5	347	QOA2	0	0	0	0	102	27.5	3045	73	173	259	2.370	0.668	0.282	10.7	23.52
1740	40.1918	116.9942	-164.3	339	QOA2	0	0	0	0	89	31.3	2962	76	258	210	3.395	1.229	0.362	10.7	23.52
1741	40.1914	116.9942	-165.6	341	QOA2	0	0	0	0	96	31.3	2937	101	111	262	1.099	0.424	0.385	10.7	23.52

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1742	40.1910	116.9942	-166.8	341	QOA2	0	0	0	0	96	31.3	2974	79	136	274	1.722	0.496	0.288	10.7	23.51
1743	40.1906	116.9943	-169.5	326	QOA2	0	0	0	0	87	31.2	3105	87	193	272	2.218	0.710	0.320	10.8	23.51
1744	40.1902	116.9943	-172.3	285	QOA2	0	0	0	0	90	30.9	2874	82	218	229	2.659	0.952	0.358	10.7	23.50
1745	40.1897	116.9943	-173.3	253	QOA2	0	0	0	0	94	30.4	2729	79	204	201	2.582	1.015	0.393	10.8	23.49
1746	40.1893	116.9943	-166.5	212	QOA2	0	0	0	0	94	30.3	2710	92	131	255	1.424	0.514	0.361	10.8	23.49
1747	40.1889	116.9944	-161.0	210	QOA2	0	0	0	0	98	30.2	2700	80	120	235	1.500	0.511	0.340	10.9	23.48
1748	40.1885	116.9944	-158.2	220	QOA2	0	0	0	0	97	30.3	2821	89	152	246	1.708	0.618	0.362	10.9	23.47
1749	40.1881	116.9944	-156.0	242	QOA2	0	0	0	0	98	30.5	2858	82	249	213	3.037	1.169	0.385	10.9	23.46
1750	40.1877	116.9944	-159.5	271	QOA2	0	0	0	0	96	30.7	2970	99	157	273	1.586	0.575	0.363	10.9	23.46
1751	40.1873	116.9945	-160.4	295	QOA2	0	0	0	0	95	30.9	3040	76	219	262	2.882	0.836	0.290	10.9	23.45
1752	40.1869	116.9945	-163.3	306	QOA2	0	0	0	0	97	31.0	3099	97	242	231	2.495	1.048	0.420	10.9	23.44
1753	40.1865	116.9945	-162.7	319	QOA2	0	0	0	0	88	31.1	3072	81	184	248	2.272	0.742	0.327	10.9	23.43
1754	40.1860	116.9945	-162.4	334	QOA2	0	0	0	0	87	31.2	3091	82	249	207	3.037	1.203	0.396	10.8	23.42
1755	40.1856	116.9946	-162.9	336	QOA2	0	0	0	0	95	31.2	3021	98	175	253	1.786	0.692	0.387	10.8	23.41
1756	40.1852	116.9946	-162.5	326	QOA2	0	0	0	0	103	31.2	2912	77	180	261	2.338	0.690	0.295	10.8	23.40
1757	40.1848	116.9946	-160.2	302	QOA2	0	0	0	0	99	31.0	2781	107	129	218	1.206	0.592	0.491	10.8	23.40
1758	40.1844	116.9946	-150.2	271	QOA2	0	0	0	0	99	30.7	2863	85	157	236	1.847	0.665	0.360	10.9	23.39
1759	40.1840	116.9947	-140.7	247	QOA2	0	0	0	0	82	26.3	2807	97	147	220	1.515	0.668	0.441	10.9	23.38
1760	40.1836	116.9947	-132.9	226	QOA2	0	0	0	0	94	26.2	2701	88	133	280	1.511	0.475	0.314	10.9	23.37
1761	40.1832	116.9947	-122.5	214	QOA2	0	0	0	0	97	26.2	2715	90	121	252	1.344	0.480	0.357	10.9	23.36
1762	40.1828	116.9947	-117.3	207	QOA2	0	0	0	0	90	26.1	2811	84	164	232	1.952	0.707	0.362	10.9	23.34
1763	40.1823	116.9948	-116.0	214	QOA2	0	0	0	0	88	26.2	2701	83	194	218	2.337	0.890	0.381	11.0	23.33
1764	40.1819	116.9948	-118.3	236	QOA2	0	0	0	0	105	26.3	2757	84	171	237	2.036	0.722	0.354	10.9	23.33
1765	40.1815	116.9948	-126.3	272	QOA2	0	0	0	0	102	26.4	2788	85	205	200	2.412	1.025	0.425	10.9	23.33
1766	40.1811	116.9948	-135.1	301	QOA2	0	0	0	0	107	26.6	2845	67	158	264	2.358	0.598	0.254	10.9	23.32
1767	40.1807	116.9949	-144.3	343	QOA2	0	0	0	0	96	26.8	2953	90	144	255	1.600	0.565	0.353	10.9	23.31
1768	40.1803	116.9949	-156.4	331	QOA2	0	0	0	0	93	26.7	2966	91	168	233	1.846	0.721	0.391	10.9	23.31
1769	40.1799	116.9949	-167.0	289	QOA2	0	0	0	0	104	26.5	2729	86	153	236	1.779	0.648	0.364	10.9	23.30
1770	40.1795	116.9950	-163.1	246	QOA2	0	0	0	0	105	26.3	2722	85	108	228	1.271	0.474	0.373	10.9	23.30
1771	40.1791	116.9950	-161.6	251	QOA2	0	0	0	0	104	26.3	2737	72	157	23[illegible]	2.181	0.662	0.304	10.9	23.29
1772	40.1787	116.9950	-163.9	275	QOA2	0	0	0	0	94	26.5	2798	70	151	227	2.157	0.665	0.308	11.0	23.29
1773	40.1782	116.9950	-169.3	298	QOA2	0	0	0	0	103	26.6	2910	64	217	244	3.391	0.889	0.262	11.0	23.29
1774	40.1778	116.9951	-170.8	295	QOA2	0	0	0	0	104	26.6	2833	79	201	213	2.544	0.944	0.371	11.0	23.28
1775	40.1774	116.9951	-171.7	307	QOA2	0	0	0	0	96	26.6	2908	75	230	203	3.067	1.133	0.369	11.0	23.27
1776	40.1770	116.9951	-170.8	323	QOA2	0	0	0	0	96	26.7	2840	90	112	245	1.244	0.457	0.367	11.0	23.26
1777	40.1766	116.9951	-173.2	347	QOA2	0	0	0	0	102	26.8	2900	83	223	176	2.687	1.267	0.472	11.0	23.27
1778	40.1762	116.9952	-175.4	350	QOA2	0	0	0	0	96	26.9	2834	100	114	252	1.140	0.452	0.397	11.0	23.27
1779	40.1758	116.9952	-177.1	333	QOA2	0	0	0	0	107	26.8	2724	66	144	273	2.182	0.527	0.242	10.9	23.26
1780	40.1754	116.9952	-178.2	317	QOA2	0	0	0	0	101	26.7	2674	102	121	184	1.186	0.658	0.554	11.0	23.26
1781	40.1750	116.9952	-181.5	310	QOA2	0	0	0	0	89	26.7	2755	75	236	176	3.105	1.341	0.432	11.1	23.24
1782	40.1745	116.9953	-179.4	301	QOA2	0	0	0	0	102	26.7	2642	86	122	230	1.419	0.530	0.374	11.0	23.24
1783	40.1741	116.9953	-178.4	300	QOA2	0	0	0	0	105	26.6	2688	75	120	275	1.600	0.436	0.273	11.0	23.23
1784	40.1737	116.9953	-176.4	302	QOA2	0	0	0	0	96	26.7	2704	89	157	219	1.764	0.717	0.406	11.0	23.23
1785	40.1733	116.9953	-174.9	310	QOA2	0	0	0	0	101	26.7	2783	86	130	210	1.512	0.619	0.410	10.9	23.23
1786	40.1729	116.9954	-176.1	320	QOA2	0	0	0	0	103	26.7	2751	66	155	226	2.348	0.686	0.292	10.9	23.23
1787	40.1725	116.9954	-176.0	354	QOA2	0	0	0	0	94	26.9	2924	78	179	262	2.295	0.683	0.298	10.9	23.23
1788	40.1721	116.9954	-181.2	399	QOA2	0	0	0	0	93	27.1	3152	122	106	233	0.869	0.455	0.524	10.9	23.22
1789	40.1717	116.9954	-181.5	396	QOA2	0	0	0	0	99	27.1	3012	68	186	227	2.735	0.819	0.300	10.9	23.22
1790	40.1713	116.9955	-180.4	380	QOA2	0	0	0	0	86	27.0	2902	84	170	214	2.024	0.794	0.393	10.9	23.21
1791	40.1708	116.9955	-176.9	410	QOA2	0	0	0	0	103	27.1	3045	80	284	163	3.550	1.742	0.491	10.8	23.21
1792	40.1704	116.9955	-173.7	437	QOA2	0	0	0	0	88	27.2	3029	86	186	236	2.163	0.788	0.364	10.8	23.19
1793	40.1700	116.9955	-174.5	406	QOA2	0	0	0	0	98	27.1	2878	88	161	205	1.830	0.785	0.429	10.8	23.19
1794	40.1696	116.9956	-169.2	381	QOA2	0	0	0	0	97	27.0	2786	88	107	236	1.216	0.453	0.373	10.8	23.19
1795	40.1692	116.9956	-165.1	365	QOA2	0	0	0	0	97	26.9	2899	86	78	262	0.907	0.298	0.328	10.7	23.19

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1796	40.1688	116.9956	-152.2	359	QOA2	0	0	0	0	105	26.9	2743	81	89	238	1.099	0.374	0.340	10.7	23.18
1797	40.1684	116.9956	-144.9	361	QOA2	0	0	0	0	104	22.2	2843	89	177	188	1.989	0.941	0.473	10.7	23.18
1798	40.1680	116.9957	-143.1	373	QOA2	0	0	0	0	93	22.2	2841	109	107	186	0.982	0.575	0.586	10.7	23.18
1799	40.1676	116.9957	-136.3	378	QOA2	0	0	0	0	98	22.2	2936	65	173	215	2.662	0.805	0.302	10.6	23.17
1800	40.1672	116.9957	-130.3	378	QOA2	0	0	0	0	93	22.2	2742	76	171	198	2.250	0.864	0.384	10.7	23.16
1801	40.1667	116.9957	-128.9	374	QOA2	0	0	0	0	102	22.2	2823	80	149	247	1.862	0.603	0.324	10.7	23.15
1802	40.1663	116.9958	-129.6	376	QOA2	0	0	0	0	106	22.2	2741	72	175	202	2.431	0.866	0.356	10.7	23.14
1803	40.1659	116.9958	-131.7	371	QOA2	0	0	0	0	95	22.2	2913	89	109	231	1.225	0.472	0.385	10.7	23.13
1804	40.1655	116.9958	-140.3	360	QOA2	0	0	0	0	106	22.2	2885	79	207	173	2.620	1.197	0.457	10.6	23.13
1805	40.1651	116.9958	-152.4	346	QOA2	0	0	0	0	101	22.1	2774	71	176	218	2.479	0.807	0.326	10.5	23.12
1806	40.1647	116.9959	-162.9	346	QOA2	0	0	0	0	106	22.1	2906	71	277	161	3.901	1.720	0.441	10.6	23.12
1807	40.1643	116.9959	-170.4	352	QOA2	0	0	0	0	99	22.2	2850	96	194	172	2.021	1.128	0.558	10.5	23.11
1808	40.1639	116.9959	-175.1	362	QOA2	0	0	0	0	104	22.2	2877	62	229	216	3.694	1.060	0.287	10.4	23.10
1809	40.1635	116.9959	-181.3	344	QOA2	0	0	0	0	110	22.1	2853	86	136	227	1.581	0.599	0.379	10.3	23.09
1810	40.1630	116.9960	-183.8	338	QOA2	0	0	0	0	97	22.1	2869	83	184	210	2.217	0.876	0.395	10.3	23.08
1811	40.1626	116.9960	-184.4	327	QOA2	0	0	0	0	102	22.1	2733	98	95	235	0.969	0.404	0.417	10.2	23.07
1812	40.1622	116.9960	-186.3	315	QOA2	0	0	0	0	106	22.1	2721	86	166	215	1.930	0.772	0.400	10.2	23.06
1813	40.1618	116.9960	-189.2	303	QOA2	0	0	0	0	100	22.1	2626	83	203	170	2.446	1.194	0.488	10.1	23.06
1814	40.1614	116.9961	-193.7	302	QOA2	0	0	0	0	95	22.1	2742	101	195	174	1.931	1.121	0.580	10.1	23.05
1815	40.1610	116.9961	-195.2	310	QOA2	0	0	0	0	107	22.1	2783	98	198	210	2.020	0.943	0.467	10.1	23.03
1816	40.1606	116.9961	-197.1	316	QOA2	0	0	0	0	98	18.8	2893	82	190	244	2.317	0.779	0.336	10.1	23.02
1817	40.1602	116.9962	-199.8	293	QOA2	0	0	0	0	105	18.8	2885	68	106	357	1.559	0.297	0.190	10.0	23.02
1818	40.1598	116.9962	-200.2	278	QOA2	0	0	0	0	109	18.9	2945	73	188	274	2.575	0.686	0.266	10.0	23.01
1819	40.1593	116.9962	-203.0	276	QOA2	0	0	0	0	102	18.9	2957	106	135	280	1.274	0.482	0.379	10.0	23.00
1820	40.1589	116.9962	-204.6	300	TC2	0	0	0	0	95	18.8	3011	97	114	305	1.175	0.374	0.318	9.9	22.99
1821	40.1585	116.9963	-206.5	342	TC2	0	0	0	0	104	18.8	3109	97	153	277	1.577	0.552	0.350	9.8	22.98
1822	40.1581	116.9963	-206.2	324	TC2	0	0	0	0	96	18.8	3067	84	197	261	2.345	0.755	0.322	9.7	22.96
1823	40.1577	116.9963	-208.0	289	TC2	0	0	0	0	107	18.8	2904	51	217	281	4.255	0.772	0.181	9.6	22.95
1824	40.1573	116.9963	-208.9	270	TC2	0	0	0	0	94	18.9	2959	75	239	234	3.187	1.021	0.321	9.5	22.94
1825	40.1569	116.9964	-211.5	266	TC2	0	0	0	0	101	18.9	2953	96	204	235	2.125	0.868	0.409	9.5	22.92
1826	40.1565	116.9964	-209.5	256	TC2	0	0	0	0	107	18.9	2922	96	118	266	1.229	0.444	0.361	9.5	22.91
1827	40.1561	116.9964	-210.1	249	TC2	0	0	0	0	110	18.9	2824	92	182	202	1.978	0.901	0.455	9.4	22.90
1828	40.1557	116.9964	-212.3	265	TC2	0	0	0	0	101	18.9	2641	85	177	194	2.082	0.912	0.438	9.3	22.88
1829	40.1552	116.9965	-215.8	291	TC2	0	0	0	0	108	18.8	2789	86	222	182	2.581	1.220	0.473	9.4	22.87
1830	40.1548	116.9965	-214.1	324	TC2	0	0	0	0	107	18.8	2782	78	246	185	3.154	1.330	0.422	9.3	22.87
1831	40.1544	116.9965	-213.5	361	TC2	0	0	0	0	105	18.8	2841	100	136	186	1.360	0.731	0.538	9.3	22.87
1832	40.1540	116.9965	-212.8	395	TC2	0	0	0	0	101	18.8	2932	82	189	199	2.305	0.950	0.412	9.2	22.86
1833	40.1536	116.9966	-212.7	436	TC2	0	0	0	0	110	18.7	2960	93	118	252	1.269	0.468	0.369	9.1	22.85
1834	40.1532	116.9966	-214.2	468	TC2	0	0	0	0	104	18.7	2924	85	137	248	1.612	0.552	0.343	9.0	22.84
1835	40.1528	116.9966	-212.6	487	TC2	0	0	0	0	99	19.2	2987	79	225	199	2.885	1.131	0.392	8.9	22.84
1836	40.1524	116.9966	-212.0	493	TC2	0	0	0	0	95	19.2	3120	127	167	202	1.315	0.827	0.629	8.9	22.85
1837	40.1520	116.9967	-209.8	496	TC2	0	0	0	0	99	19.2	3015	106	80	274	0.755	0.292	0.387	8.9	22.85
1838	40.1515	116.9967	-213.1	495	TC2	0	0	0	0	110	19.2	3002	106	177	209	1.670	0.847	0.507	8.8	22.84
1839	40.1511	116.9967	-210.3	496	TC2	0	0	0	0	109	19.2	3057	95	136	246	1.432	0.553	0.386	8.6	22.84
1840	40.1507	116.9967	-214.1	492	TC2	0	0	0	0	109	19.2	2981	101	106	235	1.050	0.451	0.430	8.6	22.83
1841	40.1503	116.9968	-211.8	497	TC2	0	0	0	0	98	19.2	3000	80	162	220	2.025	0.736	0.364	8.6	22.83
1842	40.1499	116.9968	-214.1	498	TC2	0	0	0	0	106	19.2	2855	56	208	231	3.714	0.900	0.24[illegible]	8.5	22.83
1843	40.1495	116.9968	-210.6	499	TC2	0	0	0	0	100	19.2	2855	80	217	170	2.713	1.276	0.471	8.5	22.83
1844	40.1491	116.9968	-213.8	506	TC2	0	0	0	0	109	19.2	2899	67	156	232	2.328	0.672	0.289	8.3	22.83
1845	40.1487	116.9969	-214.5	510	TC2	0	0	0	0	99	19.2	2853	82	142	232	1.732	0.612	0.353	8.3	22.83
1846	40.1483	116.9969	-213.7	498	TC2	0	0	0	0	102	19.2	2795	76	174	228	2.289	0.763	0.333	8.2	22.83
1847	40.1479	116.9969	-215.0	494	TC2	0	0	0	0	107	19.2	2824	65	256	140	3.938	1.829	0.464	8.1	22.82
1848	40.1474	116.9969	-216.0	490	TC2	0	0	0	0	107	19.2	2837	98	184	135	1.878	1.363	0.726	8.0	22.82
1849	40.1470	116.9970	-214.3	489	TC2	0	0	0	0	105	19.2	2847	60	202	228	3.367	0.886	0.263	8.0	22.81

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1850	40.1466	116.9970	-214.1	489	QA1	0	0	0	0	111	19.2	2789	93	139	182	1.495	0.764	0.511	7.9	22.80
1851	40.1462	116.9970	-217.1	488	QA1	0	0	0	0	112	19.2	2799	93	106	241	1.140	0.440	0.386	7.8	22.79
1852	40.1458	116.9970	-215.1	484	QA1	0	0	0	0	99	19.2	2912	64	226	174	3.531	1.263	0.358	7.7	22.78
1853	40.1454	116.9971	-212.4	488	QA1	0	0	0	0	99	19.2	2814	89	144	207	1.618	0.696	0.430	7.6	22.77
1854	40.1450	116.9971	-215.1	490	QA1	0	0	0	0	112	23.4	2823	93	89	206	0.957	0.432	0.451	7.4	22.76
1855	40.1446	116.9971	-215.4	489	QA1	0	0	0	0	97	23.4	2738	67	178	233	2.657	0.764	0.288	7.4	22.75
1856	40.1442	116.9971	-214.9	488	QA1	0	0	0	0	110	23.4	2836	94	195	169	2.074	1.154	0.556	7.4	22.74
1857	40.1437	116.9972	-214.4	486	QA1	0	0	0	0	103	23.4	2819	61	240	158	3.934	1.519	0.386	7.3	22.74
1858	40.1433	116.9972	-214.3	481	QA1	0	0	0	0	113	23.4	2847	79	247	163	3.127	1.515	0.485	7.2	22.73
1859	40.1429	116.9972	-215.3	483	QA1	0	0	0	0	103	23.4	2974	96	146	219	1.521	0.667	0.438	7.2	22.73
1860	40.1425	116.9972	561.5	481	QA1	0	0	0	0	105	23.4	3090	105	175	163	1.667	1.074	0.644	7.1	22.72
1861	40.1421	116.9973	561.5	485	QA1	0	0	0	0	102	23.4	3195	105	206	177	1.962	1.164	0.593	7.1	22.70
1862	40.1417	116.9973	-219.8	488	QA1	0	0	0	0	113	23.4	3127	83	212	209	2.554	1.014	0.397	7.1	22.70
1863	40.1413	116.9973	-219.0	489	QA1	0	0	0	0	97	23.4	3030	86	252	144	2.930	1.750	0.597	7.0	22.68
1864	40.1409	116.9973	-220.5	493	QA1	0	0	0	0	97	23.4	3123	93	190	194	2.043	0.979	0.479	6.9	22.66
1865	40.1405	116.9974	-221.3	494	QA1	0	0	0	0	114	23.4	3104	87	189	224	2.172	0.844	0.388	6.9	22.65
1866	40.1400	116.9974	-221.3	490	QA1	0	0	0	0	98	23.4	3116	93	129	289	1.387	0.446	0.322	6.8	22.64
1867	40.1396	116.9974	-221.3	484	QA1	0	0	0	0	105	23.4	3074	99	215	197	2.172	1.091	0.503	6.7	22.64
1868	40.1392	116.9975	-221.3	476	QA1	0	0	0	0	115	23.4	2973	86	152	181	1.767	0.840	0.475	6.6	22.62
1869	40.1388	116.9975	-221.3	477	QA1	0	0	0	0	118	23.4	2999	109	109	198	1.000	0.551	0.551	6.5	22.61
1870	40.1384	116.9975	-221.3	477	QA1	0	0	0	0	102	23.4	3059	91	200	167	2.198	1.198	0.545	6.4	22.60
1871	40.1380	116.9975	-221.3	486	QA1	0	0	0	0	106	23.4	3172	73	243	161	3.329	1.509	0.453	6.4	22.59
1872	40.1376	116.9976	-231.7	489	QA1	0	0	0	0	102	23.4	2914	92	101	258	1.098	0.391	0.357	6.4	22.56
1873	40.1372	116.9976	-231.7	491	QA1	0	0	0	0	96	37.7	2884	76	223	173	2.934	1.289	0.439	6.3	22.54
1874	40.1368	116.9976	-231.7	493	QA1	0	0	0	0	107	37.8	3263	75	265	161	3.533	1.646	0.466	6.3	22.52
1875	40.1364	116.9976	-231.7	494	QA1	0	0	0	0	101	37.8	3109	72	183	171	2.542	1.070	0.421	6.3	22.48
1876	40.1359	116.9977	-231.7	494	QA1	0	0	0	0	103	37.8	2856	109	87	192	0.798	0.453	0.568	6.2	22.47
1877	40.1355	116.9977	-231.7	490	QA1	0	0	0	0	116	37.7	2839	69	189	173	2.739	1.092	0.399	6.2	22.45
1878	40.1351	116.9977	-229.6	490	QA1	0	0	0	0	108	37.7	3017	106	216	125	2.038	1.728	0.848	6.1	22.42
1879	40.1347	116.9977	-230.1	489	QA1	0	0	0	0	108	37.7	3075	110	140	141	1.273	0.993	0.780	6.0	22.41
1880	40.1343	116.9978	-230.7	477	QA1	0	0	0	0	109	37.6	3047	124	42	178	0.339	0.236	0.697	5.9	22.38
1881	40.1339	116.9978	-228.4	452	QA1	0	0	0	0	103	37.4	2932	81	226	99	2.790	2.283	0.818	5.9	22.36
1882	40.1335	116.9978	-231.1	426	QA1	0	0	0	0	116	37.1	3201	100	203	89	2.030	2.281	1.124	5.8	22.35
1883	40.1331	116.9978	-230.6	400	QA1	0	0	0	0	122	36.9	2887	81	187	110	2.309	1.700	0.736	5.7	22.33
1884	40.1327	116.9979	-230.1	382	QA1	0	0	0	0	110	36.7	2853	81	212	161	2.617	1.317	0.503	5.7	22.31
1885	40.1322	116.9979	-229.2	362	QA1	0	0	0	0	123	36.5	2921	98	222	78	2.265	2.846	1.256	5.7	22.28
1886	40.1318	116.9979	-230.8	355	QA1	0	0	0	0	108	36.4	2816	108	174	105	1.611	1.657	1.029	5.7	22.24
1887	40.1314	116.9979	-226.9	347	QA1	0	0	0	0	122	36.3	2745	110	142	135	1.291	1.052	0.815	5.6	22.21
1888	40.1310	116.9980	-227.3	328	QA1	0	0	0	0	115	36.1	2724	94	182	119	1.936	1.529	0.790	5.5	22.20
1889	40.1306	116.9980	-226.2	312	QA1	0	0	0	0	110	36.0	2730	109	231	80	2.119	2.887	1.362	5.4	22.18
1890	40.1302	116.9980	-225.5	306	TC2	0	0	0	0	112	35.9	2615	76	224	105	2.947	2.133	0.724	5.4	22.15
1891	40.1298	116.9980	-229.9	296	TC2	0	0	0	0	116	35.8	2592	100	189	81	1.890	2.333	1.235	5.3	22.13
1892	40.1294	116.9981	-228.1	298	TC2	0	0	0	0	109	38.5	2583	89	256	47	2.876	5.447	1.894	5.2	22.10
1893	40.1290	116.9981	-225.7	294	TC2	0	0	0	0	130	38.5	2793	121	86	134	0.711	0.642	0.903	5.2	22.09
1894	40.1285	116.9981	-227.3	308	TC2	0	0	0	0	131	38.6	2599	91	227	69	2.495	3.290	1.319	5.1	22.07
1895	40.1281	116.9981	-227.5	318	TC2	0	0	0	0	117	38.8	2594	109	139	108	1.275	1.287	1.009	5.1	22.05
1896	40.1277	116.9982	-225.6	338	TC2	0	0	0	0	118	39.0	2675	98	235	55	2.398	4.273	1.782	5.0	22.02
1897	40.1273	116.9982	-227.4	361	TC2	0	0	0	0	120	39.3	2872	116	173	126	1.491	1.373	0.921	5.0	22.01
1898	40.1269	116.9982	-225.0	383	TC2	0	0	0	0	114	39.6	2875	81	241	122	2.975	1.975	0.664	4.9	21.99
1899	40.1265	116.9982	-225.4	402	TC2	0	0	0	0	116	39.8	2933	90	220	133	2.444	1.654	0.677	4.9	21.97
1900	40.1261	116.9983	-224.8	411	TC2	0	0	0	0	112	39.9	3213	113	213	133	1.885	1.602	0.850	4.8	21.95
1901	40.1257	116.9983	-225.4	403	TC2	0	0	0	0	118	39.8	2896	83	193	184	2.325	1.049	0.451	4.8	21.93
1902	40.1253	116.9983	-224.8	388	TC2	0	0	0	0	129	39.6	2819	99	170	177	1.717	0.960	0.559	4.8	21.91
1903	40.1249	116.9983	-225.2	379	TC2	0	0	0	0	130	39.5	2719	109	122	192	1.119	0.635	0.568	4.7	21.89

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1904	40.1244	116.9984	-223.9	379	TC2	0	0	0	0	121	39.5	3040	80	259	199	3.238	1.302	0.402	4.8	21.86
1905	40.1240	116.9984	-222.6	361	TC2	0	0	0	0	120	39.3	2841	105	186	125	1.771	1.488	0.840	4.8	21.83
1906	40.1236	116.9984	-222.3	344	TC2	0	0	0	0	118	39.1	2642	88	170	95	1.932	1.789	0.926	4.7	21.80
1907	40.1232	116.9984	-221.6	330	TC2	0	0	0	0	116	38.9	2416	96	163	89	1.698	1.831	1.079	4.7	21.78
1908	40.1228	116.9985	-223.1	310	TC2	0	0	0	0	119	38.7	2362	91	139	115	1.527	1.209	0.791	4.6	21.77
1909	40.1224	116.9985	-221.2	295	TC2	0	0	0	0	132	38.5	2313	76	184	80	2.421	2.300	0.950	4.6	21.74
1910	40.1220	116.9985	-223.5	291	TC2	0	0	0	0	131	38.4	2319	75	213	31	2.840	6.871	2.419	4.6	21.73
1911	40.1216	116.9985	-222.1	318	TC2	0	0	0	0	119	37.0	2415	80	214	70	2.675	3.057	1.143	4.6	21.72
1912	40.1212	116.9986	-223.8	383	TC2	0	0	0	0	126	37.8	2621	115	61	119	0.530	0.513	0.966	4.5	21.70
1913	40.1207	116.9986	-220.1	463	TC2	0	0	0	0	143	38.6	2993	95	112	151	1.179	0.742	0.629	4.4	21.70
1914	40.1203	116.9986	-222.4	496	TC2	0	0	0	0	126	38.9	2769	108	188	86	1.741	2.186	1.256	4.4	21.70
1915	40.1199	116.9987	-224.2	552	TC2	0	0	0	0	125	39.4	3092	128	148	159	1.156	0.931	0.805	4.4	21.71
1916	40.1195	116.9987	-221.4	589	TC2	0	0	0	0	128	39.8	3093	92	111	182	1.207	0.610	0.505	4.3	21.71
1917	40.1190	116.9987	-221.7	607	TC2	0	0	0	0	129	39.9	3095	112	206	84	1.839	2.452	1.333	4.3	21.72
1918	40.1185	116.9987	-220.8	590	TC2	0	0	0	0	127	39.8	2988	106	232	80	2.189	2.900	1.325	4.2	21.74
1919	40.1180	116.9987	-222.0	593	TC2	0	0	0	0	128	39.8	2828	93	158	75	1.699	2.107	1.240	4.2	21.75
1920	40.1175	116.9987	-221.5	656	TC2	0	0	0	0	127	40.3	2826	114	76	109	0.667	0.697	1.046	4.2	21.76
1921	40.1170	116.9987	-220.1	703	TC2	1	0	0	0	122	40.7	2838	104	190	74	1.827	2.568	1.405	4.2	21.77
1922	40.1165	116.9987	-220.0	743	TC2	1	1	0	0	130	41.0	2746	67	263	32	3.925	8.219	2.094	4.2	21.78
1923	40.1160	116.9987	-217.8	818	TC2	1	0	0	0	119	41.5	2628	90	119	113	1.322	1.053	0.796	4.2	21.80
1924	40.1155	116.9987	-217.3	848	TC2	1	1	0	0	120	41.7	2627	72	179	34	2.486	5.265	2.118	4.1	21.81
1925	40.1150	116.9987	-216.6	900	TC2	1	0	0	0	121	42.0	2666	95	40	188	0.421	0.213	0.505	4.1	21.82
1926	40.1145	116.9987	-216.2	944	TC2	1	0	0	0	135	42.3	2610	92	101	75	1.098	1.347	1.227	4.1	21.84
1927	40.1140	116.9987	-213.9	1009	TC2	2	0	0	0	118	42.6	2769	105	55	126	0.524	0.437	0.833	4.1	21.87
1928	40.1135	116.9987	-213.2	1052	TC2	2	0	0	0	126	42.9	2687	51	182	57	3.569	3.193	0.895	4.0	21.89
1929	40.1129	116.9987	-212.0	1113	TC2	2	0	0	0	122	43.1	2647	80	51	192	0.638	0.266	0.417	4.0	21.92
1930	40.1124	116.9987	-210.3	1162	TC2	2	0	0	0	117	36.7	2892	43	164	67	3.814	2.448	0.642	4.0	21.95
1931	40.1119	116.9987	-209.8	1213	QF	2	0	0	0	118	36.7	2443	59	64	121	1.085	0.529	0.488	4.0	21.98
1932	40.1114	116.9987	-209.5	1248	QF	2	1	0	0	131	36.7	2675	91	58	43	0.637	1.349	2.116	4.0	22.00
1933	40.1109	116.9987	-207.9	1286	QF	2	0	0	0	116	36.7	2938	75	70	155	0.933	0.452	0.484	4.0	22.03
1934	40.1104	116.9987	-205.7	1308	QF	2	0	1	0	124	36.7	2906	69	7	168	0.101	0.042	0.411	4.0	22.06
1935	40.1099	116.9987	-204.7	1331	QF	2	0	1	0	123	36.7	2503	49	0	250	0.020	0.004	0.196	4.0	22.09
1936	40.1094	116.9987	-203.7	1329	QF	2	0	0	0	109	36.7	2667	53	127	100	2.396	1.270	0.530	4.0	22.12
1937	40.1089	116.9987	-201.4	1330	QF	2	0	0	0	113	36.7	3155	63	43	121	0.683	0.355	0.521	4.0	22.15
1938	40.1084	116.9987	-200.1	1306	QF	2	0	1	0	118	36.7	2769	45	-12	312	-0.267	-0.038	0.144	4.1	22.18
1939	40.1079	116.9987	-198.5	1312	QF	2	0	0	1	105	36.7	2647	21	104	115	4.952	0.904	0.183	4.1	22.21
1940	40.1074	116.9987	-197.3	1278	QF	2	0	0	0	122	36.7	2576	39	91	122	2.333	0.746	0.320	4.1	22.24
1941	40.1069	116.9987	-195.6	1241	QF	2	0	0	0	108	36.7	2793	29	52	178	1.793	0.292	0.163	4.1	22.27
1942	40.1064	116.9987	-193.8	1215	QF	2	0	0	0	116	36.7	2370	34	45	125	1.324	0.360	0.272	4.2	22.30
1943	40.1059	116.9987	-193.2	1191	QF	2	0	0	0	117	36.7	2654	54	95	70	1.759	1.357	0.771	4.2	22.33
1944	40.1054	116.9987	-192.1	1137	QF	2	0	0	1	121	36.7	2428	10	69	73	6.900	0.945	0.137	4.2	22.37
1945	40.1049	116.9987	-188.2	1118	QF	2	0	0	0	113	36.7	2316	33	43	121	1.303	0.355	0.273	4.2	22.40
1946	40.1044	116.9987	-186.3	1069	QF	2	0	0	0	111	36.6	2352	26	65	77	2.500	0.844	0.338	4.2	22.43
1947	40.1039	116.9987	-183.9	1057	QF	2	0	1	0	115	36.5	2323	51	0	105	0.020	0.010	0.486	4.2	22.45
1948	40.1033	116.9987	-182.1	1023	QF	2	0	0	0	106	36.4	2026	39	42	106	1.077	0.396	0.368	4.3	22.48
1949	40.1028	116.9987	-176.6	1026	QF	2	0	0	0	117	30.0	2244	50	63	58	1.260	1.086	0.862	4.3	22.51
1950	40.1023	116.9987	-173.0	1002	QF	2	1	0	1	106	29.9	1869	10	122	26	12.200	4.692	0.385	4.4	22.53
1951	40.1018	116.9987	-169.5	1003	QF	2	1	0	0	109	29.9	1936	25	105	32	4.200	3.281	0.781	4.4	22.55
1952	40.1013	116.9987	-168.2	978	QF	1	0	0	0	96	29.9	2067	41	71	53	1.732	1.340	0.774	4.4	22.58
1953	40.1008	116.9988	-165.1	985	QF	1	0	1	0	110	29.9	1960	43	25	118	0.581	0.212	0.364	4.5	22.60
1954	40.1003	116.9988	-162.2	965	QF	1	0	0	0	103	29.8	1845	25	95	62	3.800	1.532	0.403	4.5	22.63
1955	40.0998	116.9988	-162.5	952	QF	1	0	0	0	94	29.8	2206	38	55	78	1.447	0.705	0.487	4.6	22.66
1956	40.0993	116.9988	-162.6	910	QF	1	1	0	0	106	29.7	1971	28	138	34	4.929	4.059	0.824	4.6	22.68
1957	40.0988	116.9988	-160.7	896	QF	1	0	0	0	105	29.7	2123	26	140	49	5.385	2.857	0.531	4.7	22.71

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	T'	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1958	40.0983	116.9988	-159.2	860	QF	1	0	0	0	102	29.6	2092	33	141	68	4.273	2.074	0.485	4.7	22.74
1959	40.0978	116.9988	-161.0	855	QF	1	0	0	0	94	29.6	2306	34	60	107	1.765	0.561	0.318	4.8	22.76
1960	40.0973	116.9988	-163.6	833	QF	1	0	0	0	112	29.5	1843	26	86	115	3.308	0.748	0.226	4.8	22.78
1961	40.0968	116.9988	-164.8	857	QF	1	0	0	0	104	29.5	1917	31	83	110	2.677	0.755	0.282	4.8	22.78
1962	40.0963	116.9988	-167.4	795	QF	1	0	0	0	103	29.4	2030	30	56	146	1.867	0.384	0.205	4.8	22.81
1963	40.0958	116.9988	-169.9	780	QF	1	0	0	0	93	29.3	2354	53	83	112	1.566	0.741	0.473	4.9	22.83
1964	40.0953	116.9988	-173.2	745	QF	1	0	0	0	103	29.2	1915	29	87	94	3.000	0.926	0.309	4.9	22.85
1965	40.0948	116.9988	-174.5	732	QF	1	0	0	0	105	29.2	2069	25	179	53	7.160	3.377	0.472	5.0	22.88
1966	40.0943	116.9988	-176.3	698	QF	0	0	0	0	98	29.1	1995	43	91	134	2.116	0.679	0.321	5.1	22.91
1967	40.0938	116.9988	-175.6	685	QF	0	0	0	0	97	29.0	2142	64	59	126	0.922	0.468	0.508	5.1	22.95
1968	40.0932	116.9988	-177.2	669	QF	0	0	0	0	82	32.0	2190	46	197	68	4.283	2.897	0.676	5.1	22.97
1969	40.0927	116.9988	-180.2	664	QF	0	0	0	0	91	31.9	2623	40	168	104	4.200	1.615	0.385	5.2	23.00
1970	40.0922	116.9988	-184.5	652	QF	0	0	0	0	105	31.9	2282	49	78	135	1.592	0.578	0.363	5.3	23.02
1971	40.0917	116.9988	-189.3	652	QF	0	0	1	0	112	31.9	2169	68	8	154	0.118	0.052	0.442	5.3	23.05
1972	40.0912	116.9988	-192.6	645	QF	0	0	0	0	101	31.8	2594	54	89	167	1.648	0.533	0.323	5.4	23.06
1973	40.0907	116.9988	-194.4	634	QF	0	0	0	0	96	31.8	2232	33	114	153	3.455	0.745	0.216	5.5	23.08
1974	40.0902	116.9988	-196.8	633	QF	0	0	0	0	107	31.8	2311	35	140	148	4.000	0.946	0.236	5.5	23.09
1975	40.0897	116.9988	-196.0	614	QF	0	0	0	0	101	31.7	2146	40	107	151	2.675	0.709	0.265	5.6	23.11
1976	40.0892	116.9988	-197.1	595	QF	0	0	0	0	102	31.6	2175	28	103	168	3.679	0.613	0.167	5.7	23.13
1977	40.0887	116.9988	-195.7	579	QF	0	0	0	0	96	31.5	2129	29	79	149	2.724	0.530	0.195	5.8	23.16
1978	40.0882	116.9988	-196.6	562	QF	0	0	0	0	93	31.4	2499	50	96	107	1.920	0.897	0.467	5.8	23.18
1979	40.0877	116.9988	-194.6	555	QF	0	0	0	0	92	31.4	2310	35	115	172	3.286	0.669	0.203	5.9	23.21
1980	40.0872	116.9988	-191.7	542	QF	0	0	0	0	97	31.3	2271	48	47	195	0.979	0.241	0.246	5.9	23.23
1981	40.0867	116.9988	-188.9	514	QF	0	0	0	0	94	31.2	2402	45	132	159	2.933	0.830	0.283	6.0	23.25
1982	40.0862	116.9988	-187.9	505	QF	0	0	0	0	91	31.1	2727	28	198	123	7.071	1.610	0.228	6.1	23.27
1983	40.0857	116.9988	-185.7	499	QF	0	0	0	0	96	31.1	2171	61	71	188	1.164	0.378	0.324	6.1	23.29
1984	40.0852	116.9988	-179.7	497	QF	0	0	0	0	93	31.1	2131	47	39	235	0.830	0.166	0.200	6.2	23.32
1985	40.0847	116.9988	-176.4	495	QF	0	0	0	0	86	31.1	2342	37	124	189	3.351	0.656	0.196	6.2	23.34
1986	40.0842	116.9988	-172.6	495	QF	0	0	0	0	98	31.1	2239	41	137	170	3.341	0.806	0.241	6.3	23.35
1987	40.0837	116.9988	-170.1	497	QF	0	0	0	0	84	26.5	2207	58	148	133	2.552	1.113	0.436	6.3	23.36
1988	40.0831	116.9988	-169.2	494	QF	0	0	0	0	101	26.5	2418	59	141	138	2.390	1.022	0.428	6.4	23.37
1989	40.0826	116.9988	-170.8	487	QF	0	0	0	0	91	26.5	2404	55	118	190	2.145	0.621	0.289	6.4	23.38
1990	40.0821	116.9988	-170.1	483	QF	0	0	0	0	91	26.5	2379	48	169	156	3.521	1.083	0.308	6.5	23.40
1991	40.0816	116.9988	-172.7	474	QF	0	0	0	0	82	26.5	2417	62	120	161	1.935	0.745	0.385	6.5	23.41
1992	40.0811	116.9988	-174.3	449	QF	0	0	0	0	93	26.4	2375	69	63	204	0.913	0.309	0.338	6.5	23.43
1993	40.0806	116.9988	-174.5	421	QF	0	0	0	0	93	26.3	2415	70	164	144	2.343	1.139	0.486	6.6	23.45
1994	40.0801	116.9988	-174.4	406	QF	0	0	0	0	94	26.2	2427	49	171	137	3.490	1.248	0.358	6.6	23.46
1995	40.0796	116.9988	-174.2	393	QF	0	0	0	0	95	26.2	2239	73	64	147	0.877	0.435	0.497	6.6	23.47
1996	40.0791	116.9988	-176.3	383	QF	0	0	0	0	102	26.1	2254	35	136	172	3.886	0.791	0.203	6.7	23.48
1997	40.0786	116.9988	-174.5	376	QF	0	0	0	0	99	26.1	2153	47	180	122	4.091	1.475	0.361	6.7	23.49
1998	40.0781	116.9988	-173.2	380	QF	0	0	0	0	91	26.1	2188	48	128	162	2.667	0.790	0.296	6.7	23.51
1999	40.0776	116.9988	-173.6	386	QF	0	0	0	0	90	26.1	2147	51	148	161	2.902	0.919	0.317	6.8	23.52
2000	40.0771	116.9988	-174.4	404	QF	0	0	0	0	98	26.2	2200	47	97	219	2.064	0.443	0.215	6.8	23.52
2001	40.0766	116.9988	-175.0	421	QF	0	0	0	0	98	26.3	2204	51	134	150	2.627	0.893	0.340	6.8	23.53
2002	40.0761	116.9988	-175.1	434	QF	0	0	0	0	87	26.3	2422	80	47	222	0.587	0.212	0.360	6.9	23.53
2003	40.0756	116.9989	-174.9	432	QF	0	0	0	0	97	26.3	2392	64	118	162	1.844	0.728	0.395	6.9	23.53
2004	40.0751	116.9989	-178.9	426	QF	0	0	0	0	98	26.3	2334	61	81	195	1.328	0.415	0.313	7.0	23.53
2005	40.0746	116.9989	-170.9	417	QF	0	0	0	0	104	26.3	2357	46	167	188	3.630	0.888	0.245	7.0	23.54
2006	40.0741	116.9989	-170.9	419	QF	0	0	0	0	91	28.3	2336	46	170	185	3.696	0.919	0.249	7.0	23.54
2007	40.0735	116.9989	-154.9	419	QF	0	0	0	0	85	28.3	2745	53	178	165	3.358	1.079	0.321	7.0	23.55
2008	40.0730	116.9989	-141.5	432	QF	0	0	0	0	97	28.4	2408	55	130	200	2.364	0.650	0.275	7.0	23.56
2009	40.0725	116.9989	-132.6	444	QF	0	0	0	0	93	28.4	2324	49	163	174	3.327	0.937	0.282	7.0	23.57
2010	40.0720	116.9989	-130.4	463	QF	0	0	0	0	88	28.5	2586	50	150	200	3.000	0.750	0.250	7.0	23.58
2011	40.0715	116.9989	-133.0	474	QF	0	0	0	0	95	28.6	2388	78	73	186	0.936	0.392	0.419	7.1	23.59

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2012	40.0710	116.9989	-140.0	482	QF	0	0	0	0	102	28.6	2670	51	141	197	2.765	0.716	0.259	7.2	23.60
2013	40.0705	116.9989	-155.2	483	QF	0	0	0	0	96	28.6	2404	57	87	173	1.526	0.503	0.329	7.2	23.62
2014	40.0700	116.9989	-160.6	484	QF	0	0	0	0	90	28.6	2454	51	174	166	3.412	1.048	0.307	7.3	23.63
2015	40.0695	116.9989	-164.9	481	QF	0	0	0	0	88	28.6	2510	65	123	185	1.892	0.665	0.351	7.3	23.64
2016	40.0690	116.9989	-164.8	484	QF	0	0	0	0	84	28.6	2548	48	133	217	2.771	0.613	0.221	7.3	23.66
2017	40.0685	116.9989	-164.7	464	QF	0	0	0	0	96	28.5	2843	71	152	143	2.141	1.063	0.497	7.2	23.67
2018	40.0680	116.9989	-163.5	451	QF	0	0	0	0	90	28.5	2552	40	167	177	4.175	0.944	0.226	7.3	23.68
2019	40.0675	116.9989	-165.2	454	QF	0	0	0	0	91	28.5	2291	50	173	141	3.460	1.227	0.355	7.4	23.69
2020	40.0670	116.9989	-165.9	465	QF	0	0	0	0	80	28.5	2628	86	81	173	0.942	0.468	0.497	7.4	23.70
2021	40.0665	116.9989	-165.8	472	QF	0	0	0	0	90	28.6	2304	52	117	172	2.250	0.680	0.302	7.4	23.70
2022	40.0660	116.9989	-166.9	485	QF	0	0	0	0	85	28.6	2461	68	83	205	1.221	0.405	0.332	7.5	23.71
2023	40.0655	116.9989	-165.6	480	QF	0	0	0	0	92	28.6	2377	52	80	229	1.538	0.349	0.227	7.5	23.72
2024	40.0650	116.9989	-165.4	480	QF	0	0	0	0	93	28.6	2710	44	116	217	2.636	0.535	0.203	7.5	23.73
2025	40.0645	116.9989	-163.4	468	QF	0	0	0	0	101	31.5	2384	44	110	200	2.500	0.550	0.220	7.6	23.73
2026	40.0640	116.9989	-162.0	458	QF	0	0	0	0	87	31.5	2616	56	141	151	2.518	0.934	0.371	7.6	23.75
2027	40.0634	116.9989	-162.3	442	QF	0	0	0	0	89	31.4	2418	56	104	197	1.857	0.528	0.284	7.6	23.76
2028	40.0629	116.9989	-162.1	438	QF	0	0	0	0	80	31.4	2255	40	71	244	1.775	0.291	0.164	7.6	23.78
2029	40.0624	116.9989	-161.2	425	QF	0	0	0	0	93	31.3	2195	48	162	116	3.375	1.397	0.414	7.6	23.79
2030	40.0619	116.9989	-160.4	419	QF	0	0	0	0	92	31.2	2172	51	131	169	2.569	0.775	0.302	7.6	23.81
2031	40.0614	116.9989	-159.2	416	QF	0	0	0	0	84	31.2	2188	37	129	146	3.486	0.884	0.253	7.7	23.81
2032	40.0609	116.9989	-156.6	418	QF	0	0	0	0	87	31.2	2329	43	102	204	2.372	0.500	0.211	7.7	23.82
2033	40.0604	116.9989	-156.1	418	QF	0	0	0	0	97	31.2	2335	25	130	178	5.200	0.730	0.140	7.7	23.83
2034	40.0599	116.9989	-154.6	416	QF	0	0	0	0	97	31.2	2345	58	118	164	2.034	0.720	0.354	7.7	23.84
2035	40.0594	116.9989	-154.8	412	QF	0	0	0	0	79	31.2	2328	50	84	228	1.680	0.368	0.219	7.7	23.86
2036	40.0589	116.9989	-155.6	406	QF	0	0	0	0	89	31.2	2450	48	140	166	2.917	0.843	0.289	7.7	23.87
2037	40.0584	116.9989	-155.9	399	QF	0	0	0	0	94	31.1	2308	57	96	177	1.684	0.542	0.322	7.8	23.88
2038	40.0579	116.9989	-155.6	399	QF	0	0	0	0	84	31.1	2386	32	221	169	6.906	1.308	0.189	7.8	23.89
2039	40.0574	116.9989	-152.6	399	QF	0	0	0	0	77	31.1	2267	42	150	195	3.571	0.769	0.215	7.8	23.90
2040	40.0569	116.9989	-149.6	392	QF	0	0	0	0	92	31.1	2370	57	169	175	2.965	0.966	0.326	7.8	23.91
2041	40.0564	116.9989	-146.7	383	QF	0	0	0	0	78	31.0	2423	63	97	185	1.540	0.524	0.341	7.8	23.92
2042	40.0559	116.9989	-142.2	380	QF	0	0	0	0	77	31.0	2391	53	109	207	2.057	0.527	0.256	7.8	23.94
2043	40.0554	116.9989	-137.3	385	QF	0	0	0	0	97	31.0	2330	54	135	166	2.500	0.813	0.325	7.9	23.94
2044	40.0549	116.9989	-136.1	384	QF	0	0	0	0	86	36.0	2508	59	104	227	1.763	0.458	0.260	7.9	23.95
2045	40.0544	116.9989	-131.0	388	QF	0	0	0	0	80	36.0	2653	54	83	231	1.537	0.359	0.234	7.9	23.95
2046	40.0538	116.9989	-125.5	389	QF	0	0	0	0	87	36.0	2379	53	114	174	2.151	0.655	0.305	8.0	23.96
2047	40.0533	116.9989	-121.9	391	QF	0	0	0	0	88	36.0	2582	68	121	173	1.779	0.699	0.393	8.0	23.96
2048	40.0528	116.9989	-119.4	394	QF	0	0	0	0	93	36.1	2238	73	50	208	0.685	0.240	0.351	8.0	23.97
2049	40.0523	116.9989	-116.4	411	QF	0	0	0	0	86	36.2	2346	58	114	185	1.966	0.616	0.314	8.1	23.97
2050	40.0518	116.9989	-118.3	418	QF	0	0	0	0	88	36.3	2266	58	111	178	1.914	0.624	0.326	8.1	23.97
2051	40.0513	116.9989	-121.2	432	QF	0	0	0	0	83	36.4	2489	55	124	155	2.255	0.800	0.355	8.1	23.97
2052	40.0508	116.9989	-127.8	445	QF	0	0	0	0	83	36.5	2393	47	165	140	3.511	1.179	0.336	8.2	23.96
2053	40.0503	116.9990	-128.4	457	QF	0	0	0	0	88	36.6	2445	56	121	135	2.161	0.896	0.415	8.2	23.96
2054	40.0498	116.9990	-125.1	463	QF	0	0	0	0	80	36.7	2302	44	125	166	2.841	0.753	0.265	8.3	23.96
2055	40.0493	116.9990	-125.3	469	QF	0	0	0	0	82	36.8	2300	60	131	164	2.183	0.799	0.366	8.3	23.97
2056	40.0488	116.9990	-125.8	469	QF	0	0	0	0	85	36.8	2314	68	71	216	1.044	0.329	0.315	8.3	23.97
2057	40.0483	116.9990	-125.2	474	QF	0	0	0	0	85	36.8	2343	52	144	131	2.769	1.099	0.397	8.3	23.97
2058	40.0478	116.9990	-126.4	478	QF	0	0	0	0	90	36.8	2678	45	130	162	2.889	0.802	0.278	8.3	23.98
2059	40.0473	116.9990	-130.3	481	QF	0	0	0	0	90	36.9	2438	54	106	171	1.963	0.620	0.316	8.4	23.99
2060	40.0468	116.9990	-132.5	480	QF	0	0	0	0	86	36.9	2278	50	117	143	2.340	0.818	0.350	8.5	23.99
2061	40.0463	116.9990	-132.5	483	QF	0	0	0	0	84	36.9	2449	64	137	115	2.141	1.191	0.557	8.5	24.00
2062	40.0458	116.9990	-132.5	481	QF	0	0	0	0	78	36.9	2285	51	116	168	2.275	0.690	0.304	8.5	24.01
2063	40.0453	116.9990	-132.5	485	QF	0	0	0	0	80	41.2	2213	35	128	185	3.657	0.692	0.189	8.7	24.01
2064	40.0448	116.9990	-132.5	481	QF	0	0	0	0	88	41.1	2214	56	65	196	1.161	0.332	0.286	8.7	24.02
2065	40.0443	116.9990	-132.5	483	QF	0	0	0	0	85	41.1	2124	46	148	128	3.217	1.156	0.359	8.8	24.03

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2066	40.0437	116.9990	-132.5	480	QF	0	0	0	0	88	41.1	2211	53	121	164	2.283	0.738	0.323	8.8	24.04
2067	40.0432	116.9990	-132.5	479	QF	0	0	0	0	77	41.1	2184	45	99	187	2.200	0.529	0.241	8.8	24.05
2068	40.0427	116.9990	-132.5	470	QF	0	0	0	0	79	41.0	2207	56	137	121	2.446	1.132	0.463	8.9	24.06
2069	40.0422	116.9990	-132.5	463	QF	0	0	0	0	87	40.9	2341	35	118	203	3.371	0.581	0.172	8.9	24.07
2070	40.0417	116.9990	-132.5	454	QA1	0	0	0	0	85	40.8	2319	64	45	207	0.703	0.217	0.309	9.0	24.08
2071	40.0412	116.9990	-132.5	456	QA1	0	0	0	0	78	40.8	2353	61	162	141	2.656	1.149	0.433	9.0	24.08
2072	40.0407	116.9990	-132.5	453	QA1	0	0	0	0	84	40.8	2447	57	150	187	2.632	0.802	0.305	9.0	24.09
2073	40.0402	116.9990	-132.5	455	QA1	0	0	0	0	84	40.8	2529	59	46	223	0.780	0.206	0.265	9.0	24.10
2074	40.0397	116.9990	-132.5	447	QA1	0	0	0	0	77	40.7	2470	43	116	190	2.698	0.611	0.226	9.0	24.10
2075	40.0392	116.9990	-132.5	441	QA1	0	0	0	0	84	40.7	2716	60	166	154	2.767	1.078	0.390	9.0	24.11
2076	40.0387	116.9990	-132.5	429	QA1	0	0	0	0	84	40.5	2346	57	79	212	1.386	0.373	0.269	9.0	24.12
2077	40.0382	116.9990	-132.5	434	QA1	0	0	0	0	88	40.6	2393	68	116	171	1.706	0.678	0.398	9.1	24.13
2078	40.0377	116.9990	-132.5	421	QA1	0	0	0	0	88	40.4	2263	43	180	162	4.186	1.111	0.265	9.1	24.14
2079	40.0372	116.9990	-132.5	422	QA1	0	0	0	0	85	40.5	2478	67	56	264	0.836	0.212	0.254	9.2	24.14
2080	40.0367	116.9990	-132.5	412	QA1	0	0	0	0	73	40.3	2495	62	135	210	2.177	0.643	0.295	9.2	24.16
2081	40.0362	116.9990	-132.5	409	QA1	0	0	0	0	85	40.3	2514	46	219	176	4.761	1.244	0.261	9.2	24.16
2082	40.0357	116.9990	-132.5	409	QA1	0	0	0	0	84	39.1	2448	45	175	227	3.889	0.771	0.198	9.2	24.16
2083	40.0352	116.9990	-132.5	414	QA1	0	0	0	0	85	39.2	2663	64	130	239	2.031	0.544	0.268	9.2	24.17
2084	40.0347	116.9990	-132.5	414	QA1	0	0	0	0	74	39.2	2794	65	162	216	2.492	0.750	0.301	9.2	24.17
2085	40.0341	116.9990	-132.5	411	QA1	0	0	0	0	79	39.1	2811	53	204	233	3.849	0.876	0.227	9.2	24.17
2086	40.0336	116.9990	-132.5	401	QA1	0	0	0	0	86	39.0	2780	50	179	284	3.580	0.630	0.176	9.2	24.17
2087	40.0331	116.9990	-132.5	402	QA1	0	0	0	0	75	39.0	2757	62	199	206	3.210	0.966	0.301	9.3	24.18
2088	40.0326	116.9990	-132.5	394	QA1	0	0	0	0	88	38.9	2851	55	205	217	3.727	0.945	0.253	9.4	24.19
2089	40.0321	116.9990	-132.5	394	QA1	0	0	0	0	80	38.9	2861	63	169	301	2.683	0.561	0.209	9.4	24.19
2090	40.0316	116.9990	-132.5	382	QA1	0	0	0	0	82	38.8	2769	67	212	224	3.164	0.946	0.299	9.4	24.20
2091	40.0311	116.9990	-132.5	373	QA1	0	0	0	0	90	38.7	2583	51	215	231	4.216	0.931	0.221	9.4	24.20
2092	40.0306	116.9990	-132.5	368	QA1	0	0	0	0	76	38.6	2678	74	115	234	1.554	0.491	0.316	9.5	24.20
2093	40.0302	116.9989	-132.5	357	QA1	0	0	0	0	81	38.5	2610	53	175	225	3.302	0.778	0.236	9.4	24.21
2094	40.0297	116.9988	-132.5	350	QA1	0	0	0	0	79	38.4	2617	51	138	272	2.706	0.507	0.188	9.4	24.22
2095	40.0293	116.9986	-132.5	341	QA1	0	0	0	0	87	38.3	2482	59	126	219	2.136	0.575	0.269	9.4	24.22
2096	40.0289	116.9985	-132.5	336	QA1	0	0	0	0	79	38.3	2538	43	222	219	5.163	1.014	0.196	9.4	24.23
2097	40.0284	116.9984	-132.5	334	QA1	0	0	0	0	85	38.2	2382	50	141	227	2.820	0.621	0.220	9.4	24.24
2098	40.0280	116.9983	-132.5	331	QA1	0	0	0	0	90	38.2	2532	61	108	251	1.770	0.430	0.243	9.5	24.24
2099	40.0276	116.9981	-132.5	324	QA1	0	0	0	0	77	38.1	2494	46	132	244	2.870	0.541	0.189	9.5	24.24
2100	40.0271	116.9980	-132.5	321	QA1	0	0	0	0	83	38.1	2607	71	186	237	2.620	0.785	0.300	9.5	24.25
2101	40.0267	116.9979	-132.5	319	QA1	0	0	0	0	67	28.0	2571	63	166	245	2.635	0.678	0.257	9.5	24.25
2102	40.0262	116.9977	-132.5	317	QA1	0	0	0	0	83	28.0	2695	63	154	255	2.444	0.604	0.247	9.6	24.25
2103	40.0258	116.9976	-132.5	317	QA1	0	0	0	0	79	28.0	2717	56	227	212	4.054	1.071	0.264	9.6	24.25
2104	40.0254	116.9975	-132.5	320	QA1	0	0	0	0	83	28.0	2653	68	149	258	2.191	0.578	0.264	9.6	24.25
2105	40.0249	116.9974	-132.5	322	QA1	0	0	0	0	86	28.0	2770	40	153	269	3.122	0.569	0.182	9.6	24.24
2106	40.0245	116.9972	-132.5	325	QA1	0	0	0	0	84	28.0	2542	59	157	246	2.661	0.638	0.240	9.7	24.24
2107	40.0241	116.9971	-132.5	330	QA1	0	0	0	0	87	28.0	2849	66	105	281	1.591	0.374	0.235	9.6	24.24
2108	40.0236	116.9970	-132.5	337	QA1	0	0	0	0	71	28.1	2648	78	138	263	1.769	0.525	0.297	9.7	24.23
2109	40.0232	116.9968	-132.5	346	QA1	0	0	0	0	73	28.1	2696	53	115	307	2.170	0.375	0.173	9.7	24.22
2110	40.0227	116.9967	-132.5	354	QA1	0	0	0	0	90	28.1	2730	60	213	220	3.550	0.968	0.273	9.7	24.21
2111	40.0223	116.9966	-132.5	356	QA1	0	0	0	0	81	28.2	2805	60	179	262	2.983	0.683	0.229	9.6	24.21
2112	40.0219	116.9965	-132.5	363	QA1	0	0	0	0	79	28.2	2800	68	149	262	2.191	0.569	0.260	9.6	24.21
2113	40.0214	116.9963	-132.5	364	QA1	0	0	0	0	75	28.2	2776	71	236	189	3.324	1.249	0.376	9.5	24.21
2114	40.0209	116.9963	-132.5	372	QA1	0	0	0	0	86	28.2	2830	70	135	249	1.929	0.542	0.281	9.4	24.20
2115	40.0205	116.9963	-220.2	374	QA1	0	0	0	0	84	28.3	2816	66	137	246	2.076	0.557	0.268	9.3	24.20
2116	40.0200	116.9963	-218.1	375	QA1	0	0	0	0	84	28.3	2842	68	145	240	2.132	0.604	0.283	9.3	24.19
2117	40.0195	116.9963	-216.9	379	QA1	0	0	0	0	81	28.3	2709	53	199	231	3.755	0.861	0.229	9.4	24.19
2118	40.0190	116.9963	-216.3	384	QA1	0	0	0	0	80	28.3	2771	44	217	250	4.932	0.868	0.176	9.3	24.19
2119	40.0185	116.9963	-213.5	386	QA1	0	0	0	0	82	28.3	2778	64	184	247	2.875	0.745	0.259	9.3	24.19

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2120	40.0181	116.9963	-211.4	397	QA1	0	0	0	0	86	29.5	2790	84	148	236	1.762	0.627	0.356	9.2	24.18
2121	40.0176	116.9963	-210.1	401	QA1	0	0	0	0	83	29.5	2836	82	101	263	1.232	0.384	0.312	9.2	24.17
2122	40.0171	116.9963	-210.3	405	QA1	0	0	0	0	87	29.5	2686	56	210	228	3.750	0.921	0.246	9.1	24.16
2123	40.0166	116.9963	-211.3	408	QA1	0	0	0	0	79	29.5	2907	71	192	237	2.704	0.810	0.300	9.1	24.17
2124	40.0161	116.9963	-210.2	414	QA1	0	0	0	0	80	29.6	2888	69	188	203	2.725	0.926	0.340	9.1	24.16
2125	40.0157	116.9963	-208.4	417	QA1	0	0	0	0	80	29.6	2828	71	202	249	2.845	0.811	0.285	9.1	24.16
2126	40.0152	116.9963	-211.6	425	QA1	0	0	0	0	84	29.6	2825	70	115	252	1.643	0.456	0.278	9.1	24.15
2127	40.0147	116.9962	-212.8	427	QA1	0	0	0	0	89	29.6	2813	66	104	272	1.576	0.382	0.243	9.0	24.14
2128	40.0142	116.9962	-213.0	433	QA1	0	0	0	0	75	29.7	2916	91	130	234	1.429	0.556	0.389	9.1	24.14
2129	40.0137	116.9962	-212.7	429	QA1	0	0	0	0	86	29.7	2814	60	186	199	3.100	0.935	0.302	9.1	24.14
2130	40.0132	116.9962	-213.5	434	QA1	0	0	0	0	79	29.7	2732	49	191	247	3.898	0.773	0.198	9.1	24.14
2131	40.0128	116.9962	-215.2	433	QA1	0	0	0	0	83	29.7	2760	86	123	223	1.430	0.552	0.386	9.1	24.14
2132	40.0123	116.9962	-213.4	434	QA1	0	0	0	0	93	29.7	2635	52	117	281	2.250	0.416	0.185	9.1	24.14
2133	40.0118	116.9962	-215.7	428	QA1	0	0	0	0	87	29.7	2703	57	123	268	2.158	0.459	0.213	9.1	24.14
2134	40.0113	116.9962	-215.9	430	QA1	0	0	0	0	90	29.7	2930	74	250	200	3.378	1.250	0.370	9.2	24.14
2135	40.0108	116.9962	-216.8	439	QA1	0	0	0	0	89	29.7	2823	58	209	197	3.603	1.061	0.294	9.2	24.13
2136	40.0104	116.9962	-216.3	447	QA1	0	0	0	0	95	29.8	2752	80	105	251	1.313	0.418	0.319	9.2	24.12
2137	40.0099	116.9962	-217.7	451	QA1	0	0	0	0	90	29.8	2756	60	195	222	3.250	0.878	0.270	9.1	24.12
2138	40.0094	116.9962	-215.4	458	QA1	0	0	0	0	93	29.8	2801	64	124	293	1.938	0.423	0.218	9.1	24.12
2139	40.0089	116.9962	-213.9	454	QA1	0	0	0	0	82	30.8	2781	41	264	192	6.439	1.375	0.214	9.1	24.12
2140	40.0084	116.9962	-216.9	455	QA1	0	0	0	0	77	30.8	2814	67	210	193	3.134	1.088	0.347	9.1	24.12
2141	40.0080	116.9962	-216.1	457	QA1	0	0	0	0	73	30.8	2961	72	234	222	3.250	1.054	0.324	9.1	24.11
2142	40.0075	116.9962	-216.0	466	QA1	0	0	0	0	84	30.9	3277	71	156	256	2.197	0.609	0.277	9.1	24.11
2143	40.0070	116.9962	-214.7	470	QA1	0	0	0	0	82	30.9	3045	74	143	240	1.932	0.596	0.308	9.1	24.10
2144	40.0065	116.9961	-216.4	475	QA1	0	0	0	0	87	30.9	2878	62	194	202	3.129	0.960	0.307	9.2	24.10
2145	40.0060	116.9961	-216.1	478	QA1	0	0	0	0	90	30.9	2804	60	119	259	1.983	0.459	0.232	9.2	24.10
2146	40.0055	116.9961	-214.6	481	QA1	0	0	0	0	87	31.0	3308	91	85	249	0.934	0.341	0.365	9.2	24.09
2147	40.0051	116.9961	-215.8	486	QA1	0	0	0	0	92	31.0	2785	49	199	258	4.061	0.771	0.190	9.2	24.09
2148	40.0046	116.9961	-215.2	486	QA1	0	0	0	0	73	31.0	2799	80	93	270	1.162	0.344	0.296	9.2	24.09
2149	40.0041	116.9961	-216.7	486	QA1	0	0	0	0	76	31.0	3070	69	191	253	2.768	0.755	0.273	9.1	24.09
2150	40.0036	116.9961	-214.7	484	QA1	0	0	0	0	83	31.0	2957	71	98	286	1.380	0.343	0.248	9.2	24.09
2151	40.0031	116.9961	-212.0	486	QA1	0	0	0	0	85	31.0	3079	62	191	255	3.081	0.749	0.243	12.0	24.09
2152	40.0027	116.9961	-212.2	484	QA1	0	0	0	0	84	31.0	3184	59	215	228	3.644	0.943	0.259	9.7	24.09
2153	40.0022	116.9961	-211.7	486	QA1	0	0	0	0	81	31.0	2867	66	176	207	2.667	0.850	0.319	10.1	24.09
2154	40.0017	116.9961	-210.1	488	QA1	0	0	0	0	79	31.0	2909	83	77	276	0.928	0.279	0.301	10.9	24.08
2155	40.0012	116.9961	-211.1	489	QA1	0	0	0	0	98	31.0	2908	61	176	257	2.885	0.685	0.237	14.4	24.08
2156	40.0007	116.9961	-210.4	488	QA1	0	0	0	0	86	31.0	2765	78	118	219	1.513	0.539	0.356	15.1	24.08
2157	40.0003	116.9961	-210.1	488	QA1	0	0	0	0	70	31.0	2781	64	179	197	2.797	0.909	0.325	6.8	24.07
2158	39.9998	116.9961	-208.8	488	QA1	0	0	0	0	78	33.3	3164	82	106	215	1.293	0.493	0.381	8.7	24.07
2159	39.9993	116.9961	-209.8	488	QA1	0	0	0	0	87	33.3	2859	73	184	188	2.556	0.979	0.383	8.0	24.07
2160	39.9988	116.9961	-211.3	488	QA1	0	0	0	0	93	33.3	2899	73	96	271	1.315	0.354	0.269	10.9	24.07
2161	39.9983	116.9960	-208.8	488	QA1	0	0	0	0	87	33.3	2815	63	174	203	2.762	0.857	0.310	5.7	24.07
2162	39.9978	116.9960	-208.5	488	QA1	0	0	0	0	81	33.3	2849	66	255	185	3.864	1.378	0.357	4.8	24.07
2163	39.9974	116.9960	-207.7	491	QA1	0	0	0	0	91	33.3	2706	73	115	227	1.575	0.507	0.322	7.6	24.07
2164	39.9969	116.9960	-208.5	487	QA1	0	0	0	0	82	33.3	2876	65	221	203	3.400	1.089	0.320	2.6	24.07
2165	39.9964	116.9960	-207.7	488	QA1	0	0	0	0	94	33.3	2924	63	206	194	3.270	1.062	0.325	6.2	24.07
2166	39.9959	116.9960	-207.5	486	NA	0	0	0	0	86	33.3	2821	87	153	211	1.759	0.725	0.412	10.4	24.07
2167	39.9954	116.9960	-209.7	487	NA	0	0	0	0	87	33.3	2858	85	179	165	2.106	1.085	0.515	13.8	24.08
2168	39.9950	116.9960	-211.9	485	NA	0	0	0	0	83	33.3	2807	95	162	178	1.705	0.910	0.534	6.2	24.07
2169	39.9945	116.9960	-212.9	487	NA	0	0	0	0	87	33.3	2890	65	154	193	2.369	0.798	0.337	5.0	24.07
2170	39.9940	116.9960	-212.4	484	NA	0	0	0	0	83	33.3	2801	66	174	227	2.636	0.767	0.291	5.2	24.07
2171	39.9935	116.9960	-210.9	488	NA	0	0	0	0	91	33.3	2890	70	169	218	2.414	0.775	0.321	12.0	24.07
2172	39.9930	116.9960	-212.9	484	NA	0	0	0	0	83	33.3	2888	78	149	227	1.910	0.656	0.344	7.4	24.07
2173	39.9926	116.9960	-212.1	486	NA	0	0	0	0	88	33.3	2932	71	123	257	1.732	0.479	0.276	4.2	24.07

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2174	39.9921	116.9960	-211.8	487	NA	0	0	0	0	80	33.3	2995	36	232	260	6.444	0.892	0.138	7.5	24.07
2175	39.9916	116.9960	-213.8	486	NA	0	0	0	0	85	33.3	3013	72	180	242	2.500	0.744	0.298	7.0	24.07
2176	39.9911	116.9960	-216.1	484	NA	0	0	0	0	80	33.3	2929	61	150	255	2.459	0.588	0.239	5.9	24.07
2177	39.9906	116.9960	-215.8	487	NA	0	0	0	0	86	33.3	2844	70	189	187	2.700	1.011	0.374	11.9	24.07
2178	39.9901	116.9959	-215.8	484	NA	0	0	0	0	89	33.3	2897	64	164	317	2.563	0.517	0.202	12.0	24.07
2179	39.9897	116.9959	-216.8	486	NA	0	0	0	0	81	33.3	2825	85	164	237	1.929	0.692	0.359	11.7	24.07
2180	39.9892	116.9959	-219.5	484	NA	0	0	0	0	79	33.3	2787	76	145	257	1.908	0.564	0.296	7.7	24.07
2181	39.9887	116.9959	-219.2	487	NA	0	0	0	0	81	33.3	2880	63	163	260	2.587	0.627	0.242	11.7	24.06
2182	39.9882	116.9959	-218.2	484	NA	0	0	0	0	79	33.3	2863	87	191	235	2.195	0.813	0.370	8.9	24.06
2183	39.9877	116.9959	-217.0	485	NA	0	0	0	0	84	33.3	2973	64	157	291	2.453	0.540	0.220	11.7	24.06
2184	39.9873	116.9959	-218.7	485	NA	0	0	0	0	78	33.3	2873	76	195	195	2.566	1.000	0.390	11.4	24.06
2185	39.9868	116.9959	-218.4	487	NA	0	0	0	0	92	33.3	2796	73	184	207	2.521	0.889	0.353	8.9	24.06
2186	39.9863	116.9959	-219.2	486	NA	0	0	0	0	83	33.3	2667	92	172	194	1.870	0.887	0.474	8.9	24.05
2187	39.9858	116.9959	-219.1	489	NA	0	0	0	0	84	33.3	2750	70	240	209	3.429	1.148	0.335	7.3	24.05
2188	39.9853	116.9959	-218.1	489	NA	0	0	0	0	82	33.3	2813	89	185	198	2.079	0.934	0.449	10.8	24.05
2189	39.9849	116.9959	-219.6	491	NA	0	0	0	0	81	33.4	2906	68	215	206	3.162	1.044	0.330	13.7	24.05
2190	39.9844	116.9959	-220.8	489	NA	0	0	0	0	90	33.3	2954	64	164	239	2.563	0.686	0.268	10.3	24.05
2191	39.9839	116.9959	-221.8	490	NA	0	0	0	0	82	33.3	2842	83	100	241	1.205	0.415	0.344	12.9	24.05
2192	39.9834	116.9959	-221.8	490	NA	0	0	0	0	97	33.3	2924	74	174	228	2.351	0.763	0.325	8.3	24.04
2193	39.9829	116.9959	-225.3	487	NA	0	0	0	0	84	33.3	2812	74	133	270	1.797	0.493	0.274	5.0	24.04
2194	39.9824	116.9958	-222.8	489	NA	0	0	0	0	87	33.3	2767	67	125	246	1.866	0.508	0.272	8.4	24.04
2195	39.9820	116.9958	-221.0	488	NA	0	0	0	0	80	33.3	2799	81	159	228	1.963	0.697	0.355	10.5	24.04
2196	39.9815	116.9958	-222.0	485	NA	0	0	0	0	90	33.3	2838	60	190	214	3.167	0.888	0.280	7.3	24.05
2197	39.9810	116.9958	-222.0	486	NA	0	0	0	0	89	33.3	3167	71	208	215	2.930	0.967	0.330	7.4	24.05
2198	39.9805	116.9958	-223.5	485	NA	0	0	0	0	87	33.3	2816	89	154	203	1.730	0.759	0.438	7.8	24.05
2199	39.9800	116.9958	-224.9	490	NA	0	0	0	0	88	33.3	2917	85	85	248	1.000	0.343	0.343	11.5	24.05
2200	39.9796	116.9958	-225.4	489	NA	0	0	0	0	83	33.3	2817	73	158	245	2.164	0.645	0.298	9.3	24.05

1 GEODATA INT. INC. SINGLE REC LISTING WINNEMUCCA TIE LINE 6

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2681	39.9690	116.4621	-347.7	551	NA	0	0	0	0	87	38.6	2186	69	60	130	0.870	0.462	0.531	8.9	23.28
2682	39.9690	116.4621	-348.3	566	NA	0	0	0	0	76	38.9	2117	72	38	141	0.528	0.270	0.511	8.1	23.28
2683	39.9690	116.4621	-348.4	584	NA	0	0	1	0	81	39.2	2162	68	19	188	0.279	0.101	0.362	7.2	23.28
2684	39.9693	116.4621	-348.9	605	NA	0	0	0	0	82	39.6	2513	41	91	114	2.220	0.798	0.360	2.0	23.28
2685	39.9697	116.4621	-347.8	616	NA	0	0	1	0	76	39.7	2069	68	27	181	0.397	0.149	0.376	4.0	23.28
2686	39.9701	116.4621	-345.7	619	NA	0	0	0	0	82	39.8	2063	59	103	121	1.746	0.851	0.488	2.8	23.29
2687	39.9705	116.4621	-344.4	621	NA	0	0	1	0	77	39.8	1878	50	15	197	0.300	0.076	0.254	1.6	23.29
2688	39.9708	116.4621	-344.1	656	NA	0	0	0	0	82	40.4	2106	38	143	123	3.763	1.163	0.309	0.4	23.28
2689	39.9712	116.4622	-344.9	694	NA	0	0	0	0	84	41.0	2198	43	91	198	2.116	0.460	0.217	2.9	23.28
2690	39.9716	116.4622	-344.6	698	NA	0	0	0	0	91	41.0	2135	50	72	152	1.440	0.474	0.329	4.1	23.29
2691	39.9719	116.4622	-344.3	706	NA	1	0	0	0	79	41.2	2101	61	41	149	0.672	0.275	0.409	1.5	23.28
2692	39.9723	116.4622	-342.3	720	NA	1	0	0	0	72	41.4	2131	45	97	141	2.156	0.688	0.319	1.7	23.29
2693	39.9727	116.4622	-343.3	719	NA	1	0	0	0	89	41.4	2070	38	103	138	2.711	0.746	0.275	2.5	23.29
2694	39.9730	116.4622	-343.7	729	NA	1	0	0	0	76	41.5	2038	44	118	112	2.682	1.054	0.393	1.2	23.30
2695	39.9734	116.4622	-343.3	741	NA	1	0	0	0	88	41.7	2182	68	52	156	0.765	0.333	0.436	5.4	23.30
2696	39.9738	116.4622	-343.2	741	NA	1	0	0	0	80	41.7	2242	26	131	190	5.038	0.689	0.137	-1.8	23.30
2697	39.9742	116.4622	-343.2	736	NA	1	0	0	0	80	41.6	2304	57	46	179	0.807	0.257	0.318	-0.7	23.31
2698	39.9745	116.4622	-343.6	742	NA	1	0	0	0	75	41.7	2176	68	43	241	0.632	0.178	0.282	-0.4	23.31
2699	39.9749	116.4622	-341.3	747	NA	1	0	0	0	78	41.8	2246	47	154	113	3.277	1.363	0.416	2.0	23.31
2700	39.9753	116.4622	-339.2	758	NA	1	0	0	0	70	41.9	2263	51	95	237	1.863	0.401	0.215	6.3	23.32
2701	39.9756	116.4622	-336.0	748	NA	1	0	0	0	83	41.8	2171	40	125	122	3.125	1.025	0.328	5.6	23.32
2702	39.9760	116.4622	-335.5	733	NA	1	0	1	0	72	41.6	2144	55	20	238	0.364	0.084	0.231	1.9	23.32
2703	39.9764	116.4622	-335.5	732	NA	1	0	0	0	84	41.5	2245	46	95	154	2.065	0.617	0.299	1.4	23.33
2704	39.9768	116.4622	-333.5	728	NA	1	0	0	0	76	41.5	2228	39	74	229	1.897	0.323	0.170	4.7	23.34
2705	39.9771	116.4622	-333.5	717	NA	1	0	0	0	82	41.3	2188	49	119	143	2.429	0.832	0.343	2.7	23.35
2706	39.9775	116.4622	-334.3	714	NA	1	0	0	0	71	41.3	2248	62	112	103	1.806	1.087	0.602	4.8	23.36
2707	39.9779	116.4623	-332.6	692	NA	0	0	0	0	80	41.0	2299	50	109	191	2.180	0.571	0.262	3.2	23.37
2708	39.9782	116.4623	-331.5	705	NA	1	0	0	0	81	41.1	2210	52	50	234	0.962	0.214	0.222	2.2	23.38
2709	39.9786	116.4623	-330.5	705	NA	1	0	0	0	83	41.1	2207	41	140	159	3.415	0.881	0.258	6.1	23.38
2710	39.9790	116.4623	-328.7	697	NA	0	0	0	0	75	41.0	2122	54	142	111	2.630	1.279	0.486	4.9	23.39
2711	39.9793	116.4623	-326.7	695	NA	0	0	0	0	78	41.0	2232	63	58	143	0.921	0.406	0.441	10.6	23.40
2712	39.9797	116.4623	-324.9	686	NA	0	0	0	0	88	40.9	2132	76	110	140	1.447	0.786	0.543	1.9	23.40
2713	39.9801	116.4623	-325.0	682	NA	0	0	0	0	79	40.8	2190	64	39	198	0.609	0.197	0.323	2.7	23.40
2714	39.9805	116.4623	-322.7	673	NA	0	0	0	0	77	40.7	2168	49	106	137	2.163	0.774	0.358	1.0	23.41
2715	39.9808	116.4623	-320.1	652	NA	0	0	0	0	88	40.3	2149	51	120	119	2.353	1.008	0.429	2.0	23.42
2716	39.9812	116.4623	-317.6	650	NA	0	0	0	0	77	40.3	2187	61	74	164	1.213	0.451	0.372	3.7	23.43
2717	39.9816	116.4623	-316.0	648	NA	0	0	1	0	76	40.2	2207	51	29	213	0.569	0.136	0.239	5.1	23.44
2718	39.9819	116.4623	-313.8	641	NA	0	0	0	0	73	40.1	2044	70	45	191	0.643	0.236	0.366	1.2	23.44
2719	39.9823	116.4623	-311.8	634	NA	0	0	0	0	82	44.4	2141	55	32	253	0.582	0.126	0.217	5.2	23.45
2720	39.9827	116.4623	-310.0	642	NA	0	0	0	0	80	44.6	2224	65	59	190	0.908	0.311	0.342	7.8	23.46
2721	39.9831	116.4623	-308.8	621	NA	0	0	0	0	77	44.2	2195	48	88	178	1.833	0.494	0.270	6.2	23.47
2722	39.9834	116.4623	-306.3	616	NA	0	0	0	0	71	44.1	2074	56	121	136	2.161	0.890	0.412	1.8	23.48
2723	39.9838	116.4623	-305.6	604	NA	0	0	0	0	79	43.9	2048	69	56	170	0.812	0.329	0.406	1.4	23.48
2724	39.9842	116.4623	-305.6	599	NA	0	0	0	0	78	43.8	2253	63	68	182	1.079	0.374	0.346	3.8	23.50
2725	39.9845	116.4623	-303.4	586	NA	0	0	0	0	78	43.5	2244	47	71	165	1.511	0.430	0.285	2.6	23.51
2726	39.9849	116.4623	-299.7	574	NA	0	0	1	0	80	43.3	2166	70	13	231	0.186	0.056	0.303	2.9	23.52
2727	39.9853	116.4624	-297.3	566	NA	0	0	0	0	88	43.1	2164	48	56	192	1.167	0.292	0.250	5.6	23.53
2728	39.9856	116.4624	-296.1	555	NA	0	0	0	0	84	42.9	2163	62	35	205	0.565	0.171	0.302	4.9	23.53
2729	39.9860	116.4624	-293.9	540	NA	0	0	0	0	72	42.6	2180	49	100	188	2.041	0.532	0.261	3.7	23.54
2730	39.9864	116.4624	-292.2	526	NA	0	0	0	0	86	42.3	2161	62	40	214	0.645	0.187	0.290	3.0	23.55
2731	39.9868	116.4624	-288.7	527	NA	0	0	0	0	75	42.4	2149	46	76	183	1.652	0.415	0.251	2.9	23.55
2732	39.9871	116.4624	-288.3	529	NA	0	0	1	0	80	42.4	2245	66	17	219	0.258	0.078	0.301	2.8	23.56
2733	39.9875	116.4624	-286.6	527	NA	0	0	0	0	82	42.4	2152	43	121	185	2.814	0.654	0.232	2.7	23.57
2734	39.9879	116.4624	-284.6	517	NA	0	0	0	0	83	42.2	2167	72	68	165	0.944	0.412	0.436	2.7	23.57

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2735	39.9882	116.4624	-282.1	505	NA	0	0	0	0	72	41.9	2133	54	121	179	2.241	0.676	0.302	2.6	23.58
2736	39.9886	116.4624	-279.9	501	NA	0	0	0	0	88	41.8	2119	59	108	184	1.831	0.587	0.321	2.5	23.59
2737	39.9890	116.4624	-278.1	498	NA	0	0	0	0	81	41.8	2270	41	86	192	2.098	0.448	0.214	2.5	23.59
2738	39.9893	116.4624	-275.6	498	NA	0	0	0	0	71	35.2	2131	67	80	159	1.194	0.503	0.421	2.4	23.60
2739	39.9897	116.4624	-273.3	495	NA	0	0	0	0	76	35.1	2223	55	107	174	1.945	0.615	0.316	2.3	23.61
2740	39.9901	116.4624	-271.0	493	NA	0	0	0	0	78	35.1	2248	60	95	216	1.583	0.440	0.278	2.2	23.61
2741	39.9905	116.4624	-270.2	491	NA	0	0	0	0	75	35.1	2197	53	136	172	2.566	0.791	0.308	2.1	23.62
2742	39.9908	116.4624	-269.2	493	NA	0	0	0	0	89	35.1	2324	64	47	248	0.734	0.190	0.258	2.1	23.62
2743	39.9912	116.4624	-267.9	492	NA	0	0	0	0	79	35.1	2226	56	154	161	2.750	0.957	0.348	2.0	23.62
2744	39.9916	116.4624	-266.4	490	NA	0	0	0	0	78	35.1	2322	44	200	173	4.545	1.156	0.254	2.0	23.63
2746	39.9923	116.4625	-264.6	477	NA	0	0	0	0	69	34.8	2386	51	138	215	2.706	0.642	0.237	1.9	23.65
2747	39.9927	116.4625	-265.1	468	NA	0	0	0	0	67	34.7	2227	68	99	198	1.456	0.500	0.343	1.8	23.65
2748	39.9931	116.4625	-264.1	468	NA	0	0	0	0	69	34.7	2320	50	125	249	2.500	0.502	0.201	1.7	23.66
2752	39.9945	116.4625	-309.3	394	NA	0	0	0	0	87	33.3	1766	46	116	86	2.522	1.349	0.535	1.7	23.45
2753	39.9949	116.4625	-309.7	402	NA	0	0	0	0	82	33.4	1881	52	40	149	0.769	0.268	0.349	1.7	23.45
2754	39.9953	116.4625	-312.4	401	NA	0	0	0	0	71	33.4	1779	41	88	163	2.146	0.540	0.252	1.5	23.45
2755	39.9956	116.4625	-312.3	403	NA	0	0	1	0	78	33.4	1901	62	19	151	0.306	0.126	0.411	1.4	23.45
2756	39.9960	116.4625	-313.0	401	NA	0	0	0	0	76	33.4	1842	47	83	166	1.766	0.500	0.283	1.3	23.44
2757	39.9964	116.4625	-313.8	392	NA	0	0	0	0	85	33.2	1880	37	132	131	3.568	1.008	0.282	1.3	23.44
2758	39.9968	116.4625	-314.1	380	NA	0	0	0	0	83	33.0	1860	60	35	181	0.583	0.193	0.331	1.3	23.45
2759	39.9971	116.4625	-316.0	359	NA	0	0	0	0	78	32.5	1690	54	78	136	1.444	0.574	0.397	1.3	23.45
2760	39.9975	116.4625	-316.3	342	TS5	0	0	0	0	82	32.2	1626	34	131	82	3.853	1.598	0.415	1.3	23.45
2761	39.9979	116.4625	-316.9	327	TS5	0	0	0	0	84	30.4	1713	59	103	100	1.746	1.030	0.590	1.4	23.44
2762	39.9982	116.4625	-319.4	322	TS5	0	0	0	0	84	30.3	1619	54	54	148	1.000	0.365	0.365	1.4	23.44
2763	39.9986	116.4625	-318.5	310	TS5	0	0	0	0	89	30.0	1574	42	72	125	1.714	0.576	0.336	1.4	23.44
2764	39.9990	116.4625	-319.0	302	TS5	0	0	0	0	78	29.9	1530	37	142	97	3.838	1.464	0.381	1.4	23.43
2765	39.9994	116.4626	-321.7	305	TS5	0	0	0	0	83	29.9	1620	43	63	169	1.465	0.373	0.254	1.3	23.43
2766	39.9997	116.4626	-322.5	321	TS5	0	0	0	0	75	30.3	1669	51	78	150	1.529	0.520	0.340	1.4	23.42
2767	40.0001	116.4626	-323.0	370	TS5	0	0	0	0	83	31.2	1894	51	88	187	1.725	0.471	0.273	1.4	23.42
2768	40.0005	116.4626	-323.1	416	TS5	0	0	0	0	78	32.1	2176	64	136	134	2.125	1.015	0.478	1.4	23.42
2769	40.0008	116.4626	-325.2	433	TS5	0	0	0	0	72	32.4	2291	64	90	194	1.406	0.464	0.330	1.4	23.41
2770	40.0012	116.4626	-323.9	427	TS5	0	0	0	0	78	32.3	2125	51	118	162	2.314	0.728	0.315	1.3	23.41
2771	40.0016	116.4626	-324.5	406	TS5	0	0	0	0	74	31.9	2044	35	167	144	4.771	1.160	0.243	1.3	23.41
2772	40.0019	116.4626	-322.3	396	TS5	0	0	0	0	65	31.7	1903	64	79	185	1.234	0.427	0.346	1.3	23.42
2773	40.0023	116.4626	-324.3	391	TS5	0	0	0	0	75	31.6	1949	52	98	190	1.885	0.516	0.274	1.4	23.42
2774	40.0027	116.4626	-324.3	385	TS5	0	0	0	0	74	31.5	1961	61	149	139	2.443	1.072	0.439	1.3	23.42
2775	40.0031	116.4626	-323.6	382	TS5	0	0	0	0	81	31.5	1951	51	165	170	3.235	0.971	0.300	1.3	23.42
2776	40.0034	116.4626	-323.0	378	TS5	0	0	0	0	79	31.4	1947	46	163	146	3.543	1.116	0.315	1.4	23.42
2777	40.0038	116.4626	-322.5	372	TS5	0	0	0	0	76	31.3	1997	57	116	212	2.035	0.547	0.269	1.5	23.42
2778	40.0042	116.4626	-323.8	363	TS5	0	0	0	0	83	31.1	2007	35	102	225	2.833	0.453	0.160	1.5	23.42
2779	40.0045	116.4626	-322.4	351	TS5	0	0	0	0	86	30.9	1973	65	101	202	1.554	0.500	0.322	1.5	23.42
2780	40.0049	116.4626	-324.1	343	QOA2	0	0	0	0	80	22.9	1869	60	110	177	1.833	0.621	0.339	1.6	23.42
2781	40.0053	116.4626	-321.7	337	QOA2	0	0	0	0	72	22.8	1957	39	182	171	4.667	1.064	0.228	1.6	23.42
2782	40.0056	116.4626	-322.7	331	QOA2	0	0	0	0	79	22.7	1924	54	172	164	3.185	1.049	0.329	1.6	23.42
2783	40.0060	116.4626	-323.4	322	QOA2	0	0	0	0	79	22.6	1915	49	117	207	2.388	0.565	0.237	1.7	23.42
2784	40.0064	116.4627	-322.3	308	QOA2	0	0	0	0	80	22.4	1837	50	190	129	3.800	1.473	0.388	1.7	23.42
2785	40.0068	116.4627	-322.7	305	QOA2	0	0	0	0	78	22.3	1792	47	192	117	4.085	1.641	0.402	1.8	23.42
2786	40.0071	116.4627	-322.9	310	QOA2	0	0	0	0	75	22.4	1783	47	109	167	2.319	0.653	0.281	1.9	23.42
2787	40.0075	116.4627	-321.6	315	QOA2	0	0	0	0	80	22.5	1815	45	114	198	2.533	0.576	0.227	1.9	23.42
2788	40.0079	116.4627	-321.5	320	QOA2	0	0	0	0	78	22.6	1844	38	128	168	3.368	0.762	0.226	2.0	23.42
2789	40.0082	116.4627	-324.2	314	QOA2	0	0	0	0	74	22.5	1776	45	190	108	4.222	1.759	0.417	2.0	23.41
2790	40.0086	116.4627	-323.7	313	QOA2	0	0	0	0	75	22.5	1841	52	151	173	2.904	0.873	0.301	2.1	23.41
2791	40.0090	116.4627	-322.3	321	QOA2	0	0	0	0	81	22.6	1866	31	201	157	6.484	1.280	0.197	2.1	23.40
2792	40.0094	116.4627	-321.7	355	QOA2	0	0	0	0	76	23.1	1825	46	202	124	4.391	1.629	0.371	2.2	23.40

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2793	40.0097	116.4627	-321.9	362	QOA2	0	0	0	0	85	23.2	1885	54	168	145	3.111	1.159	0.372	2.3	23.40
2794	40.0101	116.4627	-322.6	330	QOA2	0	0	0	0	85	22.7	1751	49	164	159	3.347	1.031	0.308	2.4	23.40
2795	40.0105	116.4627	-322.0	309	QOA2	0	0	0	0	87	22.4	1706	50	92	147	1.840	0.626	0.340	2.5	23.40
2796	40.0108	116.4627	-320.0	335	QOA2	0	0	0	0	87	22.8	1711	44	135	152	3.068	0.888	0.289	2.6	23.39
2797	40.0112	116.4627	-322.6	373	QOA2	0	0	0	0	73	23.3	1940	40	230	144	5.750	1.597	0.278	2.7	23.39
2798	40.0116	116.4627	-322.4	399	QOA2	0	0	0	0	76	23.7	1935	57	156	146	2.737	1.068	0.390	2.8	23.38
2799	40.0119	116.4627	-322.3	404	QOA2	0	0	0	0	75	30.6	2126	62	146	174	2.355	0.839	0.356	2.8	23.38
2800	40.0123	116.4627	-323.1	394	QOA2	0	0	0	0	79	30.5	2001	58	123	195	2.121	0.631	0.297	2.9	23.38
2801	40.0127	116.4627	-322.3	365	QOA2	0	0	0	0	82	29.9	1907	54	65	153	1.204	0.425	0.353	3.0	23.38
2802	40.0131	116.4627	-322.4	341	QOA2	0	0	0	0	80	29.5	1857	50	119	157	2.380	0.758	0.318	3.1	23.38
2803	40.0134	116.4628	-322.8	322	QOA2	0	0	0	0	80	29.1	1837	53	169	99	3.189	1.878	0.589	3.3	23.37
2804	40.0138	116.4628	-322.8	337	QOA2	0	0	0	0	81	29.4	1882	56	137	120	2.446	1.142	0.467	3.4	23.38
2805	40.0142	116.4628	-324.0	366	QOA2	0	0	0	0	74	29.9	2000	58	142	148	2.448	0.959	0.392	3.4	23.37
2806	40.0145	116.4628	-324.9	378	QOA2	0	0	0	0	87	30.2	1940	63	71	157	1.127	0.452	0.401	3.5	23.37
2807	40.0149	116.4628	-325.3	384	QOA2	0	0	0	0	69	30.3	2023	53	118	176	2.226	0.670	0.301	3.5	23.37
2808	40.0153	116.4628	-324.7	392	QOA2	0	0	0	0	85	30.4	2154	57	132	153	2.316	0.863	0.373	3.6	23.37
2809	40.0156	116.4628	-321.9	397	QOA2	0	0	0	0	88	30.5	2229	55	98	161	1.782	0.609	0.342	3.6	23.37
2810	40.0160	116.4628	-323.9	393	QOA2	0	0	0	0	81	30.4	2117	62	112	146	1.806	0.767	0.425	3.6	23.37
2811	40.0164	116.4628	-322.5	396	QOA2	0	0	0	0	72	30.5	2158	49	128	154	2.612	0.831	0.318	3.6	23.36
2812	40.0168	116.4628	-322.2	400	QOA2	0	0	0	0	78	30.6	2148	50	124	173	2.480	0.717	0.289	3.7	23.36
2813	40.0171	116.4628	-324.7	400	QOA2	0	0	0	0	86	30.6	2137	68	68	157	1.000	0.433	0.433	3.7	23.36
2814	40.0175	116.4628	-324.2	392	QOA2	0	0	0	0	73	30.4	2027	64	40	195	0.625	0.205	0.328	3.7	23.35
2815	40.0179	116.4628	-323.4	385	QOA2	0	0	0	0	71	30.3	2155	56	79	216	1.411	0.366	0.259	3.7	23.35
2816	40.0182	116.4628	-322.7	378	QOA2	0	0	0	0	78	30.2	1969	62	122	161	1.968	0.758	0.385	3.7	23.35
2817	40.0186	116.4628	-323.2	378	QOA2	0	0	0	0	77	30.2	2091	59	115	153	1.949	0.752	0.386	3.7	23.35
2818	40.0190	116.4628	-324.1	377	QOA2	0	0	0	0	84	24.7	2052	51	105	164	2.059	0.640	0.311	3.7	23.35
2819	40.0194	116.4628	-322.1	377	QOA2	0	0	0	0	72	24.7	2015	58	57	218	0.983	0.261	0.266	3.6	23.34
2820	40.0197	116.4628	-322.0	376	QOA2	0	0	0	0	72	24.6	1940	47	115	153	2.447	0.752	0.307	3.6	23.34
2821	40.0201	116.4628	-321.2	379	QOA2	0	0	0	0	74	24.7	2042	62	65	165	1.048	0.394	0.376	3.6	23.34
2822	40.0205	116.4629	-321.0	376	QOA2	0	0	0	0	83	24.6	1914	50	115	128	2.300	0.898	0.391	3.5	23.33
2823	40.0208	116.4629	-319.4	374	QOA2	0	0	0	0	73	24.6	1849	46	125	120	2.717	1.042	0.383	3.4	23.33
2824	40.0212	116.4629	-320.8	379	QOA2	0	0	0	0	82	24.7	1910	47	100	170	2.128	0.588	0.276	3.4	23.32
2825	40.0216	116.4629	-320.5	385	QOA2	0	0	0	0	76	24.8	1884	54	93	162	1.722	0.574	0.333	3.3	23.31
2826	40.0219	116.4629	-319.4	394	QOA2	0	0	0	0	79	24.9	1961	56	53	209	0.946	0.254	0.268	3.3	23.30
2827	40.0223	116.4629	-318.2	405	QOA2	0	0	0	0	85	25.1	1922	49	117	133	2.388	0.880	0.368	3.3	23.28
2828	40.0227	116.4629	-316.2	406	QOA2	0	0	0	0	77	25.1	2002	55	173	126	3.145	1.373	0.437	3.2	23.28
2829	40.0231	116.4629	-317.1	409	QOA2	0	0	0	0	77	25.1	1940	68	88	147	1.294	0.599	0.463	3.2	23.28
2830	40.0234	116.4629	-317.2	417	QOA2	0	0	0	0	69	25.3	1959	51	92	170	1.804	0.541	0.300	3.2	23.26
2831	40.0238	116.4629	-316.6	431	QOA2	0	0	0	0	75	25.4	1814	55	124	88	2.255	1.409	0.625	3.1	23.26
2832	40.0242	116.4629	-315.7	440	QOA2	0	0	0	0	79	25.6	1955	45	186	121	4.133	1.537	0.372	3.0	23.25
2833	40.0245	116.4629	-313.4	441	QOA2	0	0	0	0	80	25.6	1740	34	121	104	3.559	1.163	0.327	3.0	23.24
2834	40.0249	116.4629	-316.1	444	QOA2	0	0	0	0	86	25.6	1886	56	85	136	1.518	0.625	0.412	3.1	23.24
2835	40.0253	116.4629	-312.5	449	QOA2	0	0	0	0	82	25.7	1936	56	105	167	1.875	0.629	0.335	3.0	23.23
2836	40.0257	116.4629	-312.2	447	QOA2	0	0	0	0	89	25.7	1953	54	92	139	1.704	0.662	0.388	2.9	23.23
2837	40.0260	116.4629	-311.4	445	QOA2	0	0	0	0	81	31.1	1910	67	57	168	0.851	0.339	0.399	2.9	23.22
2838	40.0264	116.4629	-310.4	448	QOA2	0	0	0	0	93	31.1	1909	59	74	123	1.254	0.602	0.480	2.9	23.22
2839	40.0268	116.4629	-313.6	446	QOA2	0	0	0	0	86	31.1	1789	46	93	141	2.022	0.650	0.326	2.8	23.21
2840	40.0271	116.4629	-309.8	447	QOA2	0	0	0	0	84	31.1	1853	44	93	153	2.114	0.608	0.288	2.9	23.21
2841	40.0275	116.4630	-311.9	454	QOA2	0	0	0	0	78	31.3	1778	33	131	133	3.970	0.985	0.248	2.9	23.21
2842	40.0279	116.4630	-311.6	463	QOA2	0	0	0	0	85	31.4	1919	59	32	173	0.542	0.185	0.341	3.0	23.20
2843	40.0282	116.4630	-310.0	465	QOA2	0	0	0	0	82	31.4	1804	54	66	124	1.222	0.532	0.435	3.0	23.19
2844	40.0286	116.4630	-313.4	465	QOA2	0	0	0	0	79	31.4	1862	33	120	151	3.636	0.795	0.219	3.0	23.19
2845	40.0290	116.4630	-312.7	461	QOA2	0	0	0	0	78	31.4	1734	29	206	66	7.103	3.121	0.439	3.0	23.18
2846	40.0294	116.4630	-312.3	436	QOA2	0	0	0	0	91	31.0	1780	49	85	140	1.735	0.607	0.350	3.0	23.17

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2847	40.0297	116.4630	-313.3	403	QOA2	0	0	0	0	81	30.4	1697	39	54	158	1.385	0.342	0.247	3.0	23.17
2848	40.0301	116.4630	-313.5	371	QOA2	0	0	0	0	82	29.8	1507	37	33	132	0.892	0.250	0.280	3.0	23.16
2849	40.0305	116.4630	-313.6	353	QOA2	0	0	0	0	86	29.5	1668	44	65	139	1.477	0.468	0.317	3.0	23.16
2850	40.0308	116.4630	-313.8	362	QOA2	0	0	0	0	84	29.6	1720	61	54	117	0.885	0.462	0.521	3.0	23.16
2851	40.0312	116.4630	-314.0	389	QOA2	0	0	0	0	80	30.1	1809	34	101	127	2.971	0.795	0.268	2.9	23.15
2852	40.0316	116.4630	-315.3	408	QOA2	0	0	0	0	84	30.5	1877	40	86	156	2.150	0.551	0.256	2.9	23.15
2853	40.0319	116.4630	-315.3	400	QOA2	0	0	0	0	79	30.3	1748	55	32	153	0.582	0.209	0.359	2.9	23.15
2854	40.0323	116.4630	-315.7	402	QOA2	0	0	0	0	71	30.4	1842	39	65	156	1.667	0.417	0.250	2.8	23.14
2855	40.0327	116.4630	-316.1	411	QOA2	0	0	0	0	88	30.5	1711	55	97	123	1.764	0.789	0.447	2.7	23.14
2856	40.0331	116.4630	-317.7	427	QOA2	0	0	0	0	78	31.5	1737	63	65	165	1.032	0.394	0.382	2.8	23.14
2857	40.0334	116.4630	-316.8	439	QOA2	0	0	1	0	85	31.7	1797	45	2	209	0.044	0.010	0.215	2.9	23.12
2858	40.0338	116.4630	-317.6	460	QOA2	0	0	0	0	81	32.0	1831	28	82	174	2.929	0.471	0.161	2.9	23.11
2859	40.0342	116.4630	-316.0	463	QOA2	0	0	0	0	81	32.1	1904	49	112	93	2.286	1.204	0.527	2.9	23.11
2860	40.0345	116.4631	-315.5	465	QOA2	0	0	0	0	82	32.1	1835	61	70	104	1.148	0.673	0.587	2.9	23.10
2861	40.0349	116.4631	-315.4	463	QOA2	0	0	0	0	91	32.1	1795	41	55	148	1.341	0.372	0.277	2.9	23.09
2862	40.0353	116.4631	-315.6	438	QOA2	0	0	0	0	84	31.7	1768	31	126	144	4.065	0.875	0.215	2.9	23.09
2863	40.0357	116.4631	-316.0	406	QOA2	0	0	0	0	81	31.1	1727	39	113	97	2.897	1.165	0.402	2.8	23.08
2864	40.0360	116.4631	-315.9	390	QOA2	0	0	0	0	83	30.8	1552	36	73	128	2.028	0.570	0.281	2.8	23.07
2865	40.0364	116.4631	-315.1	384	QOA2	0	0	0	0	84	30.7	1608	40	133	61	3.325	2.180	0.656	2.8	23.06
2866	40.0368	116.4631	-315.6	386	QOA2	0	0	0	0	81	30.7	1573	46	30	175	0.652	0.171	0.263	2.7	23.06
2867	40.0371	116.4631	-314.8	387	QOA2	0	0	0	0	79	30.7	1657	23	122	127	5.304	0.961	0.181	2.7	23.05
2868	40.0375	116.4631	-314.2	392	QOA2	0	0	1	0	84	30.8	1635	61	6	141	0.098	0.043	0.433	2.7	23.04
2869	40.0379	116.4631	-313.0	410	QOA2	0	0	0	0	80	31.2	1705	41	97	136	2.366	0.713	0.301	2.6	23.03
2870	40.0382	116.4631	-314.6	423	QOA2	0	0	0	0	78	31.4	1644	43	174	108	4.047	1.611	0.398	2.7	23.03
2871	40.0386	116.4631	-311.8	424	QOA2	0	0	0	0	90	31.4	1594	43	107	74	2.488	1.446	0.581	2.8	23.01
2872	40.0390	116.4631	-309.8	447	QOA2	0	0	0	0	86	31.8	1699	42	120	103	2.857	1.165	0.408	2.8	23.01
2873	40.0394	116.4631	-312.8	474	QOA2	0	0	0	0	94	32.3	1723	36	92	135	2.556	0.681	0.267	2.8	23.00
2874	40.0397	116.4631	-309.2	472	QOA2	0	0	0	0	86	32.2	1806	46	102	131	2.217	0.779	0.351	2.8	22.99
2875	40.0401	116.4631	-308.1	450	QOA2	0	0	0	0	83	33.5	1775	29	148	93	5.103	1.591	0.312	2.8	22.99
2876	40.0405	116.4631	-308.5	427	QOA2	0	0	0	0	84	33.1	1748	39	76	136	1.949	0.559	0.287	2.9	22.98
2877	40.0408	116.4631	-305.6	413	QOA2	0	0	0	0	86	32.8	1737	37	105	132	2.838	0.795	0.280	2.9	22.98
2878	40.0412	116.4631	-304.6	412	QOA2	0	0	0	0	101	32.8	1624	44	51	98	1.159	0.520	0.449	3.0	22.98
2879	40.0416	116.4632	-299.6	426	QOA2	0	0	1	0	91	33.1	1732	64	4	138	0.063	0.029	0.464	3.0	22.97
2880	40.0419	116.4632	-299.2	418	QOA2	0	0	0	0	77	32.9	1789	61	64	141	1.049	0.454	0.433	3.0	22.96
2881	40.0423	116.4632	-298.3	396	QOA2	0	0	0	0	83	32.5	1616	33	95	122	2.879	0.779	0.270	3.0	22.95
2882	40.0427	116.4632	-293.8	385	QOA2	0	0	0	0	95	32.3	1703	51	120	125	2.353	0.960	0.408	3.0	22.95
2883	40.0431	116.4632	-297.9	371	QOA2	0	0	0	0	84	32.0	1606	47	54	131	1.149	0.412	0.359	3.0	22.94
2884	40.0434	116.4632	-299.9	367	QOA2	0	0	0	0	86	31.9	1770	43	115	122	2.674	0.943	0.352	3.1	22.93
2885	40.0438	116.4632	-299.9	357	QOA2	0	0	0	0	95	31.7	1690	23	198	110	8.609	1.800	0.209	3.0	22.93
2886	40.0442	116.4632	-302.1	358	QOA2	0	0	0	0	67	31.8	1651	52	110	133	2.115	0.827	0.391	3.1	22.93
2887	40.0445	116.4632	-300.3	387	QOA2	0	0	0	0	90	32.3	1732	51	78	112	1.529	0.696	0.455	3.2	22.92
2888	40.0449	116.4632	-299.1	410	QOA2	0	0	0	0	90	32.8	1732	37	78	127	2.108	0.614	0.291	3.2	22.92
2889	40.0453	116.4632	-298.2	386	QOA2	0	0	0	0	86	32.3	1679	44	90	143	2.045	0.629	0.308	3.2	22.91
2890	40.0457	116.4632	-298.9	359	QOA2	0	0	0	0	90	31.8	1774	44	36	140	0.818	0.257	0.314	3.3	22.90
2891	40.0460	116.4632	-298.3	335	QOA2	0	0	0	0	80	31.3	1739	29	122	120	4.207	1.017	0.242	3.3	22.89
2892	40.0464	116.4632	-297.4	320	QOA2	0	0	0	0	85	31.0	1770	49	37	147	0.755	0.252	0.333	3.2	22.88
2893	40.0468	116.4632	-298.7	313	QOA2	0	0	0	0	85	30.9	1791	42	76	138	1.810	0.551	0.304	3.2	22.88
2894	40.0471	116.4632	-299.4	314	QOA2	0	0	0	0	85	30.6	1699	42	67	119	1.595	0.563	0.353	3.1	22.87
2895	40.0475	116.4632	-301.9	338	QOA2	0	0	0	0	80	31.1	1782	39	112	132	2.872	0.848	0.295	3.2	22.87
2896	40.0479	116.4632	-301.9	387	QOA2	0	0	0	0	84	32.0	1881	59	30	151	0.508	0.199	0.391	3.2	22.86
2897	40.0482	116.4632	-300.0	436	QOA2	0	0	0	0	93	32.9	1959	33	133	141	4.030	0.943	0.234	3.1	22.86
2898	40.0486	116.4633	-299.3	421	QOA2	0	0	0	0	77	32.7	1880	37	107	168	2.892	0.637	0.220	3.0	22.86
2899	40.0490	116.4633	-298.8	381	QOA2	0	0	0	0	82	31.9	1864	40	90	161	2.250	0.559	0.248	3.0	22.85
2900	40.0494	116.4633	-300.5	357	QOA2	0	0	0	0	88	31.5	1650	37	98	118	2.649	0.831	0.314	2.9	22.85

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2901	40.0497	116.4633	-300.3	371	QOA2	0	0	0	0	81	31.7	1735	36	108	143	3.000	0.755	0.252	2.9	22.84
2902	40.0501	116.4633	-299.4	392	QOA2	0	0	0	0	96	32.1	1817	38	89	138	2.342	0.645	0.275	2.9	22.83
2903	40.0505	116.4633	-299.4	382	QOA2	0	0	0	0	87	31.9	1796	44	58	146	1.318	0.397	0.301	2.8	22.82
2904	40.0508	116.4633	-299.6	353	QOA2	0	0	0	0	83	31.4	1765	48	66	129	1.375	0.512	0.372	2.8	22.82
2905	40.0512	116.4633	-299.5	332	QOA2	0	0	0	0	86	30.9	1633	29	58	173	2.000	0.335	0.168	2.7	22.81
2906	40.0516	116.4633	-296.0	321	QOA2	0	0	0	0	90	30.7	1721	40	54	138	1.350	0.391	0.290	2.7	22.81
2907	40.0520	116.4633	-297.7	325	QOA2	0	0	0	0	86	30.8	1690	32	80	121	2.500	0.661	0.264	2.6	22.81
2908	40.0523	116.4633	-297.8	360	QOA2	0	0	0	0	86	31.5	1814	53	69	104	1.302	0.663	0.510	2.5	22.81
2909	40.0527	116.4633	-299.2	407	QOA2	0	0	0	0	90	32.4	1983	34	99	165	2.912	0.600	0.206	2.4	22.80
2910	40.0531	116.4633	-297.8	449	QOA2	0	0	0	0	88	33.2	1940	41	108	143	2.634	0.755	0.287	2.2	22.80
2911	40.0534	116.4633	-295.9	485	QOA2	0	0	0	0	88	33.8	2049	46	146	108	3.174	1.352	0.426	2.2	22.80
2912	40.0538	116.4633	-295.2	478	QOA2	0	0	0	0	92	33.7	2018	61	52	161	0.852	0.323	0.379	2.1	22.80
2913	40.0542	116.4633	-293.5	432	QOA2	0	0	0	0	86	29.3	1894	56	92	126	1.643	0.730	0.444	2.0	22.80
2914	40.0545	116.4633	-288.8	389	QOA2	0	0	0	0	89	28.5	1641	34	120	107	3.529	1.121	0.318	1.9	22.79
2915	40.0549	116.4633	-288.6	348	QOA2	0	0	0	0	84	27.8	1637	33	114	101	3.455	1.129	0.327	1.9	22.79
2916	40.0553	116.4633	-287.6	309	QOA2	0	0	0	0	87	27.1	1633	39	68	129	1.744	0.527	0.302	1.8	22.78
2917	40.0557	116.4634	-289.7	298	QOA2	0	0	0	0	89	26.9	1571	24	155	86	6.458	1.802	0.279	1.7	22.78
2918	40.0560	116.4634	-293.6	332	QOA2	0	0	0	0	76	27.5	1660	38	68	128	1.789	0.531	0.297	1.7	22.78
2919	40.0564	116.4634	-295.5	373	QOA2	0	0	0	0	87	28.3	1688	58	67	129	1.155	0.519	0.450	1.6	22.78
2920	40.0568	116.4634	-294.8	362	QOA2	0	0	0	0	81	28.1	1627	28	81	161	2.893	0.503	0.174	1.6	22.77
2921	40.0571	116.4634	-292.0	326	QOA2	0	0	0	0	84	27.4	1643	49	87	125	1.776	0.696	0.392	1.6	22.76
2922	40.0575	116.4634	-290.2	296	QOA2	0	0	0	0	86	26.9	1565	37	44	141	1.189	0.312	0.262	1.6	22.76
2923	40.0579	116.4634	-292.8	285	QOA2	0	0	0	0	89	26.7	1452	40	82	112	2.050	0.732	0.357	1.6	22.76
2924	40.0582	116.4634	-293.5	306	QOA2	0	0	0	0	86	27.1	1486	23	161	86	7.000	1.872	0.267	1.6	22.76
2925	40.0586	116.4634	-293.8	357	QOA2	0	0	0	0	83	28.0	1519	30	127	106	4.233	1.198	0.283	1.7	22.75
2926	40.0590	116.4634	-293.5	421	QOA2	0	0	0	0	94	29.1	1728	39	80	139	2.051	0.576	0.281	1.7	22.74
2927	40.0594	116.4634	-289.8	472	QOA2	0	0	0	0	88	29.9	1855	32	171	91	5.344	1.879	0.352	1.7	22.74
2928	40.0597	116.4634	-290.4	453	QOA2	0	0	0	0	91	29.6	1776	44	65	168	1.477	0.387	0.262	1.7	22.74
2929	40.0601	116.4634	-288.7	405	QOA2	0	0	0	0	93	28.8	1548	28	81	145	2.893	0.559	0.193	1.7	22.73
2930	40.0605	116.4634	-287.6	362	QOA2	0	0	0	0	88	28.1	1590	25	101	98	4.040	1.031	0.255	1.7	22.73
2931	40.0608	116.4634	-286.8	329	QOA2	0	0	0	0	82	27.5	1534	36	83	106	2.306	0.783	0.340	1.7	22.72
2932	40.0612	116.4634	-283.9	306	QOA2	0	0	0	0	96	28.2	1460	39	35	129	0.897	0.271	0.302	1.6	22.71
2933	40.0616	116.4634	-285.0	294	QOA2	0	0	0	0	94	28.0	1417	47	30	106	0.638	0.283	0.443	1.6	22.70
2934	40.0620	116.4634	-285.7	296	QOA2	0	0	0	0	88	28.0	1556	43	89	90	2.070	0.989	0.478	1.6	22.69
2935	40.0623	116.4634	-285.3	301	QOA2	0	0	0	0	84	28.1	1570	38	89	132	2.342	0.674	0.288	1.5	22.67
2936	40.0627	116.4635	-285.0	301	QOA2	0	0	0	0	93	28.1	1559	39	99	122	2.538	0.811	0.320	1.5	22.66
2937	40.0631	116.4635	-289.4	285	QOA2	0	0	0	0	92	27.8	1473	26	63	123	2.423	0.512	0.211	1.4	22.65
2938	40.0634	116.4635	-286.5	259	QOA2	0	0	0	0	81	27.3	1576	49	63	105	1.286	0.600	0.467	1.3	22.65
2939	40.0638	116.4635	-286.6	243	QOA2	0	0	0	0	91	27.0	1571	35	65	139	1.857	0.468	0.252	1.3	22.64
2940	40.0642	116.4635	-287.6	235	QOA2	0	0	0	0	83	26.8	1602	40	93	124	2.325	0.750	0.323	1.2	22.63
2941	40.0645	116.4635	-288.4	231	QOA2	0	0	0	0	88	26.7	1663	37	94	104	2.541	0.904	0.356	1.1	22.63
2942	40.0649	116.4635	-291.8	238	QOA2	0	0	0	0	86	26.9	1552	33	144	87	4.364	1.655	0.379	1.0	22.63
2943	40.0653	116.4635	-292.1	252	QOA2	0	0	0	0	77	27.1	1616	30	103	124	3.433	0.831	0.242	0.9	22.63
2944	40.0657	116.4635	-294.2	270	QOA2	0	0	0	0	95	27.5	1520	44	65	103	1.477	0.631	0.427	0.8	22.63
2945	40.0660	116.4635	-293.1	298	QOA2	0	0	0	0	103	28.1	1589	31	128	101	4.129	1.267	0.307	0.7	22.63
2946	40.0664	116.4635	-293.8	331	QOA2	0	0	1	0	80	28.7	1649	39	13	162	0.333	0.080	0.241	0.6	22.64
2947	40.0668	116.4635	-293.4	371	QOA2	0	0	0	0	93	29.5	1550	32	103	109	3.219	0.945	0.294	0.5	22.65
2948	40.0671	116.4635	-293.5	421	QOA2	0	0	0	0	87	30.3	1757	46	61	160	1.326	0.381	0.288	0.5	22.65
2949	40.0675	116.4635	-289.8	438	QOA2	0	0	0	0	81	30.6	1669	25	73	143	2.920	0.510	0.175	0.4	22.66
2950	40.0679	116.4635	-289.4	424	QOA2	0	0	0	0	95	30.4	1588	32	63	116	1.969	0.543	0.276	0.4	22.66
2951	40.0683	116.4635	-290.3	398	QOA2	0	0	0	0	81	28.2	1540	39	105	73	2.692	1.438	0.534	0.4	22.67
2952	40.0686	116.4635	-289.4	379	QOA2	0	0	0	0	87	27.9	1481	26	74	111	2.846	0.667	0.234	0.3	22.68
2953	40.0690	116.4635	-288.7	367	QOA2	0	0	0	0	86	27.7	1458	29	37	113	1.276	0.327	0.257	0.3	22.68
2954	40.0694	116.4635	-288.7	387	QOA2	0	0	0	0	96	28.0	1440	11	80	115	7.273	0.696	0.096	0.2	22.69

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2955	40.0697	116.4636	-288.6	422	QOA2	0	0	0	0	81	28.6	1488	16	101	122	6.313	0.828	0.131	0.2	22.70
2956	40.0701	116.4636	-284.3	426	QOA2	0	0	0	0	87	28.6	1562	17	119	106	7.000	1.123	0.160	0.2	22.71
2957	40.0705	116.4636	-285.1	411	QOA2	0	0	0	0	91	28.4	1506	27	96	65	3.556	1.477	0.415	0.1	22.71
2958	40.0708	116.4636	-287.4	408	QOA2	0	0	0	0	98	28.4	1552	30	86	127	2.867	0.677	0.236	0.1	22.72
2959	40.0712	116.4636	-283.3	416	QOA2	0	0	0	0	85	28.5	1540	46	81	91	1.761	0.890	0.505	0.1	22.74
2960	40.0716	116.4636	-283.9	422	TS5	0	0	0	0	96	28.6	1497	26	78	99	3.000	0.788	0.263	0.2	22.75
2961	40.0720	116.4636	-283.7	414	TS5	0	0	0	0	91	28.4	1431	34	31	126	0.912	0.246	0.270	0.2	22.76
2962	40.0723	116.4636	-283.6	414	TS5	0	0	0	0	97	28.5	1453	32	39	85	1.219	0.459	0.376	0.2	22.78
2963	40.0727	116.4636	-282.8	419	TS5	0	0	0	0	90	28.5	1473	36	65	89	1.806	0.730	0.404	0.1	22.79
2964	40.0731	116.4636	-282.9	434	TS5	0	0	0	0	82	28.8	1376	19	95	69	5.000	1.377	0.275	0.1	22.81
2965	40.0734	116.4636	-282.8	433	TS5	0	0	0	0	78	28.8	1456	30	71	109	2.367	0.651	0.275	0.1	22.81
2966	40.0738	116.4636	-283.9	443	TS5	0	0	0	0	91	28.9	1440	25	78	112	3.120	0.696	0.223	0.1	22.82
2967	40.0742	116.4636	-283.6	478	TS5	0	0	0	0	88	29.5	1618	27	115	97	4.259	1.186	0.278	0.1	22.83
2968	40.0745	116.4636	-286.7	494	TS5	0	0	0	0	89	29.7	1779	42	49	112	1.167	0.438	0.375	0.1	22.84
2969	40.0749	116.4636	-284.8	501	TS5	0	0	0	0	87	29.8	1606	32	121	69	3.781	1.754	0.464	0.1	22.85
2970	40.0753	116.4636	-284.0	529	TS5	0	0	1	0	82	29.8	1643	26	11	181	0.423	0.061	0.144	0.1	22.86
2971	40.0757	116.4636	-281.1	548	TS5	0	0	0	0	88	30.1	1673	49	42	126	0.857	0.333	0.389	0.1	22.87
2972	40.0760	116.4636	-281.4	567	TS5	0	0	0	0	77	30.4	1838	31	85	154	2.742	0.552	0.201	0.1	22.88
2973	40.0764	116.4636	-281.0	551	TS5	0	0	0	0	90	30.1	1663	33	34	124	1.030	0.274	0.266	0.0	22.89
2974	40.0768	116.4637	-279.9	559	TS5	0	0	0	0	82	30.3	1724	11	162	78	14.727	2.077	0.141	0.0	22.90
2975	40.0771	116.4637	-279.2	603	TS5	0	0	0	0	81	30.9	1750	24	76	110	3.167	0.691	0.218	0.0	22.91
2976	40.0775	116.4637	-278.7	635	TS5	0	0	0	0	97	31.3	1938	33	82	115	2.485	0.713	0.287	-0.2	22.92
2977	40.0779	116.4637	-276.7	648	TS5	0	0	0	0	79	31.4	1752	46	94	76	2.043	1.237	0.605	-0.2	22.92
2978	40.0783	116.4637	-275.8	663	TS5	0	0	0	0	83	31.6	1816	29	77	149	2.655	0.517	0.195	-0.3	22.92
2979	40.0786	116.4637	-273.8	694	TS5	0	0	0	0	86	32.0	1819	38	101	97	2.658	1.041	0.392	-0.3	22.91
2980	40.0790	116.4637	-272.2	732	TS5	1	0	0	0	80	32.4	1819	48	37	127	0.771	0.291	0.378	-0.3	22.91
2981	40.0794	116.4637	-272.7	724	TS5	1	0	0	0	84	32.3	1847	39	83	149	2.128	0.557	0.262	-0.4	22.92
2982	40.0797	116.4637	-271.5	737	TS5	1	0	0	0	83	32.5	1729	36	95	104	2.639	0.913	0.346	-0.4	22.92
2983	40.0801	116.4636	-269.4	751	TS5	1	0	0	0	88	32.6	1845	44	58	120	1.318	0.483	0.367	-0.4	22.93
2984	40.0805	116.4636	-268.2	768	TS5	1	0	0	0	77	32.8	1836	44	73	116	1.659	0.629	0.379	-0.3	22.93
2985	40.0809	116.4636	-267.7	762	TS5	1	0	0	0	84	32.8	1899	39	51	118	1.308	0.432	0.331	-0.4	22.94
2986	40.0812	116.4636	-266.0	755	TS5	1	0	0	0	80	32.7	1767	34	135	96	3.971	1.406	0.354	-0.4	22.95
2987	40.0816	116.4636	-267.8	748	TS5	1	0	0	0	87	32.6	1728	34	53	126	1.559	0.421	0.270	-0.4	22.96
2988	40.0820	116.4636	-264.2	754	TS5	1	0	0	0	90	32.7	1609	35	67	89	1.914	0.753	0.393	-0.4	22.97
2989	40.0824	116.4636	-264.2	752	TS5	1	0	1	0	92	25.8	1694	45	24	126	0.533	0.190	0.357	-0.4	22.97
2990	40.0828	116.4635	-263.3	758	TS5	1	0	0	0	79	25.9	1745	44	119	59	2.705	2.017	0.746	-0.4	22.99
2991	40.0831	116.4635	-258.7	766	TS5	1	0	0	0	92	26.0	1735	27	87	117	3.222	0.744	0.231	-0.4	22.99
2992	40.0835	116.4635	-258.7	788	TS5	1	0	0	0	92	26.1	1784	55	69	88	1.255	0.784	0.625	-0.3	22.99
2993	40.0839	116.4635	-258.7	782	TS5	1	0	0	0	79	26.1	1747	46	64	84	1.391	0.762	0.548	-0.3	23.00
2994	40.0843	116.4635	-256.0	780	TS5	1	0	0	0	78	26.1	1877	30	84	185	2.800	0.454	0.162	-0.3	23.01
2995	40.0846	116.4635	-256.3	761	TS5	1	0	0	0	81	25.9	1803	52	59	129	1.135	0.457	0.403	-0.3	23.02
2996	40.0850	116.4635	-255.4	747	TS5	1	0	0	0	75	25.8	1838	41	91	122	2.220	0.746	0.336	-0.2	23.03
2997	40.0854	116.4634	-252.1	722	TS5	1	0	0	0	80	25.6	1834	33	93	153	2.818	0.608	0.216	-0.2	23.05
2998	40.0858	116.4634	-252.9	706	TS5	1	0	0	0	89	25.4	1850	48	37	178	0.771	0.208	0.270	0.0	23.06
2999	40.0861	116.4634	-253.9	646	TS5	0	0	0	0	73	24.8	1754	42	120	98	2.857	1.224	0.429	0.0	23.08
3000	40.0865	116.4634	-253.2	607	TS5	0	0	1	0	80	24.5	1706	50	18	147	0.360	0.122	0.340	0.0	23.10
3001	40.0869	116.4634	-252.5	565	TS5	0	0	0	0	83	24.0	1713	36	66	115	1.833	0.574	0.313	0.0	23.11
3002	40.0873	116.4634	-252.3	522	TS5	0	0	0	0	93	23.5	1704	35	70	133	2.000	0.526	0.263	0.0	23.12
3003	40.0876	116.4634	-251.0	493	TS5	0	0	0	0	85	23.2	1599	29	88	101	3.034	0.871	0.287	0.0	23.14
3004	40.0880	116.4633	-253.5	484	TS5	0	0	0	0	73	23.1	1610	26	131	126	5.038	1.040	0.206	0.1	23.15
3005	40.0884	116.4633	-252.0	452	TS5	0	0	0	0	79	22.7	1529	46	69	125	1.500	0.552	0.368	0.1	23.17
3006	40.0888	116.4633	-253.5	422	TS5	0	0	0	0	70	22.3	1414	35	86	86	2.457	1.000	0.407	0.1	23.17
3007	40.0892	116.4633	-255.7	384	TS5	0	0	0	0	84	21.8	1545	48	99	72	2.063	1.375	0.667	0.2	23.18
3008	40.0895	116.4633	-255.9	361	TS5	0	0	0	0	85	24.0	1511	22	147	76	6.682	1.934	0.289	0.2	23.19

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3009	40.0899	116.4633	-257.1	365	TS5	0	0	0	0	85	24.0	1601	40	77	99	1.925	0.778	0.404	0.2	23.21
3010	40.0903	116.4633	-259.1	383	TS5	0	0	0	0	80	24.3	1757	43	52	140	1.209	0.371	0.307	0.2	23.22
3011	40.0907	116.4632	-258.7	401	TS5	0	0	0	0	76	24.6	1646	41	100	107	2.439	0.935	0.383	0.2	23.23
3012	40.0910	116.4632	-261.7	419	TS5	0	0	1	0	86	24.8	1731	61	13	164	0.213	0.079	0.372	0.2	23.25
3013	40.0914	116.4632	-258.6	432	TS5	0	0	0	0	84	25.0	1726	42	110	112	2.619	0.982	0.375	0.2	23.28
3014	40.0918	116.4632	-258.0	442	TS5	0	0	0	0	86	25.2	1658	46	94	123	2.043	0.764	0.374	0.3	23.29
3015	40.0922	116.4632	-258.1	449	TS5	0	0	0	0	82	25.2	1785	43	146	119	3.395	1.227	0.361	0.3	23.29
3016	40.0925	116.4632	-254.8	457	TS5	0	0	1	0	75	25.4	1817	48	17	198	0.354	0.086	0.242	0.3	23.30
3017	40.0929	116.4632	-252.7	462	TS5	0	0	0	0	77	25.4	1685	39	53	170	1.359	0.312	0.229	0.3	23.31
3018	40.0933	116.4631	-251.8	477	TS5	0	0	0	0	75	25.6	1764	42	135	104	3.214	1.298	0.404	0.4	23.32
3019	40.0937	116.4631	-252.6	471	TS5	0	0	0	0	74	25.5	1741	50	94	120	1.880	0.783	0.417	0.4	23.33
3020	40.0940	116.4631	-247.3	407	TS5	0	0	0	0	73	24.7	1547	36	95	87	2.639	1.092	0.414	0.5	23.34
3021	40.0944	116.4631	-246.8	375	TS5	0	0	0	0	73	24.2	1617	33	150	65	4.545	2.308	0.508	0.5	23.34
3022	40.0948	116.4631	-245.7	371	TS5	0	0	0	0	78	24.1	1587	56	76	102	1.357	0.745	0.549	0.5	23.35
3023	40.0952	116.4631	-243.7	368	TS5	0	0	0	0	91	24.1	1485	38	89	75	2.342	1.187	0.507	0.5	23.36
3024	40.0955	116.4630	-241.2	361	TS5	0	0	0	0	90	24.0	1467	29	44	129	1.517	0.341	0.225	0.6	23.37
3025	40.0959	116.4630	-239.2	358	TS5	0	0	0	0	92	23.9	1550	34	99	105	2.912	0.943	0.324	0.6	23.37
3026	40.0963	116.4630	-235.5	357	TS5	0	0	0	0	75	23.9	1613	46	102	81	2.217	1.259	0.568	0.6	23.38
3027	40.0967	116.4630	-233.1	366	TS5	0	0	0	0	85	28.1	1701	32	100	117	3.125	0.855	0.274	0.7	23.39
3028	40.0971	116.4630	-230.2	376	TS5	0	0	0	0	78	28.3	1730	45	114	109	2.533	1.046	0.413	0.6	23.40
3029	40.0974	116.4630	-226.2	378	TS5	0	0	0	0	83	28.4	1766	26	120	143	4.615	0.839	0.182	0.7	23.41
3030	40.0978	116.4630	-226.1	378	TS5	0	0	0	0	83	28.4	1712	31	144	111	4.645	1.297	0.279	0.6	23.41
3031	40.0982	116.4629	-222.6	376	TS5	0	0	0	0	83	28.3	1753	35	110	132	3.143	0.833	0.265	0.7	23.42
3032	40.0986	116.4629	-220.3	372	TS5	0	0	0	0	75	28.2	1760	40	165	82	4.125	2.012	0.488	0.7	23.44
3033	40.0989	116.4629	-221.6	362	TS5	0	0	0	0	73	28.1	1764	44	86	151	1.955	0.570	0.291	0.7	23.44
3034	40.0993	116.4629	-219.2	355	TS5	0	0	0	0	90	28.0	1802	48	127	124	2.646	1.024	0.387	0.7	23.46
3035	40.0997	116.4629	-217.2	348	TS5	0	0	0	0	80	27.8	1813	32	113	164	3.531	0.689	0.195	0.7	23.47
3036	40.1001	116.4629	-215.9	342	TS5	0	0	0	0	83	27.7	1684	40	113	132	2.825	0.856	0.303	0.7	23.48
3037	40.1004	116.4629	-214.7	338	TS5	0	0	0	0	69	27.6	1783	60	46	178	0.767	0.258	0.337	0.8	23.49
3038	40.1008	116.4628	-214.9	338	TS5	0	0	0	0	79	27.6	1796	53	99	132	1.868	0.750	0.402	0.8	23.50
3039	40.1012	116.4628	-214.6	340	TS5	0	0	0	0	73	27.7	1686	52	82	140	1.577	0.586	0.371	0.8	23.50
3040	40.1016	116.4628	-214.5	348	TS5	0	0	0	0	81	27.8	1781	32	117	119	3.656	0.983	0.269	0.8	23.50
3041	40.1019	116.4628	-215.4	353	TS5	0	0	0	0	77	27.9	1771	42	77	157	1.833	0.490	0.268	0.9	23.50
3042	40.1023	116.4628	-214.3	357	TS5	0	0	0	0	78	28.0	1885	54	101	143	1.870	0.706	0.378	0.9	23.50
3043	40.1027	116.4628	-217.6	355	TS5	0	0	0	0	80	28.0	1691	38	107	136	2.816	0.787	0.279	0.9	23.51
3044	40.1031	116.4628	-218.1	350	TS5	0	0	0	0	69	27.9	1877	47	119	131	2.532	0.908	0.359	0.9	23.52
3045	40.1034	116.4627	-218.0	350	TS5	0	0	0	0	80	27.9	1838	34	122	160	3.588	0.763	0.213	0.9	23.53
3046	40.1038	116.4627	-216.5	350	TS5	0	0	0	0	74	30.9	1719	48	118	128	2.458	0.922	0.375	0.9	23.53
3047	40.1042	116.4627	-215.0	348	TS5	0	0	0	0	82	30.8	1743	49	80	132	1.633	0.606	0.371	1.0	23.53
3048	40.1046	116.4627	-215.9	350	TS5	0	0	0	0	75	30.9	1761	40	107	144	2.675	0.743	0.278	1.0	23.54
3049	40.1050	116.4627	-218.1	353	TS5	0	0	0	0	74	30.9	1777	42	107	155	2.548	0.690	0.271	1.0	23.54
3050	40.1053	116.4627	-218.5	357	TS5	0	0	0	0	78	31.0	1789	56	136	98	2.429	1.388	0.571	1.0	23.54
3051	40.1057	116.4627	-217.2	357	TS5	0	0	0	0	79	31.0	1745	51	91	117	1.784	0.778	0.436	1.0	23.55
3052	40.1061	116.4626	-219.9	356	TS5	0	0	0	0	72	31.0	1774	45	66	190	1.467	0.347	0.237	1.0	23.56
3053	40.1065	116.4626	-220.4	354	TS5	0	0	0	0	73	30.9	1688	31	136	126	4.387	1.079	0.246	1.0	23.57
3054	40.1068	116.4626	-221.6	355	TS5	0	0	0	0	81	31.0	1831	43	60	184	1.395	0.326	0.234	1.0	23.57
3055	40.1072	116.4626	-220.8	362	TS5	0	0	0	0	74	31.1	1691	28	148	125	5.286	1.184	0.224	1.0	23.58
3056	40.1076	116.4626	-219.9	373	TS5	0	0	0	0	79	31.3	1736	36	92	126	2.556	0.730	0.286	1.0	23.58
3057	40.1080	116.4626	-222.1	375	TS5	0	0	0	0	65	31.4	1806	50	26	185	0.520	0.141	0.270	1.1	23.59
3058	40.1083	116.4626	-222.3	370	TS5	0	0	0	0	74	31.3	1706	52	112	112	2.154	1.000	0.464	1.1	23.60
3059	40.1087	116.4625	-224.4	361	TS5	0	0	0	0	72	31.1	1747	47	84	136	1.787	0.618	0.346	1.1	23.60
3060	40.1091	116.4625	-223.9	359	TS5	0	0	0	0	73	31.0	1759	45	122	118	2.711	1.034	0.381	1.2	23.60
3061	40.1095	116.4625	-221.8	360	QF	0	0	0	0	77	31.1	1741	57	80	129	1.404	0.620	0.442	1.2	23.61
3062	40.1098	116.4625	-223.5	368	QF	0	0	0	0	75	31.2	1687	40	71	159	1.775	0.447	0.252	1.3	23.61

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3063	40.1102	116.4625	-220.9	371	QF	0	0	0	0	70	31.3	1678	39	100	133	2.564	0.752	0.293	1.3	23.62
3064	40.1106	116.4625	-222.3	382	QF	0	0	0	0	78	31.5	1704	58	85	108	1.466	0.787	0.537	1.4	23.62
3065	40.1110	116.4625	-222.1	397	QF	0	0	0	0	78	36.2	1674	44	83	157	1.886	0.529	0.280	1.4	23.62
3066	40.1113	116.4624	-221.2	413	QF	0	0	0	0	72	36.5	1754	59	94	138	1.593	0.681	0.428	1.5	23.63
3067	40.1117	116.4624	-223.8	422	QF	0	0	0	0	80	36.7	1715	33	106	144	3.212	0.736	0.229	1.6	23.63
3068	40.1121	116.4624	-217.4	411	QF	0	0	0	0	71	36.5	1915	48	53	180	1.104	0.294	0.267	1.7	23.63
3069	40.1125	116.4624	-218.9	401	QF	0	0	0	0	74	36.3	1845	44	93	152	2.114	0.612	0.289	1.6	23.63
3070	40.1129	116.4624	-216.7	391	QF	0	0	0	0	69	36.1	1919	56	78	143	1.393	0.545	0.392	1.6	23.64
3071	40.1132	116.4624	-215.7	381	QF	0	0	0	0	77	35.8	1897	80	46	110	0.575	0.418	0.727	1.7	23.65
3072	40.1136	116.4624	-215.2	378	QF	0	0	0	0	78	35.8	1831	51	66	151	1.294	0.437	0.338	1.6	23.66
3073	40.1140	116.4623	-214.9	384	QF	0	0	0	0	79	35.9	1763	34	58	156	1.706	0.372	0.218	1.6	23.67
3074	40.1144	116.4623	-215.3	420	QF	0	0	0	0	65	36.7	1909	41	108	169	2.634	0.639	0.243	1.7	23.68
3075	40.1147	116.4623	-216.6	440	QF	0	0	0	0	77	37.1	2125	46	109	181	2.370	0.602	0.254	1.7	23.69
3076	40.1151	116.4623	-215.8	440	QF	0	0	0	0	76	37.1	2052	62	82	196	1.323	0.418	0.316	1.7	23.69
3077	40.1155	116.4623	-217.8	434	QF	0	0	0	0	76	37.0	1845	45	105	147	2.333	0.714	0.306	1.8	23.70
3078	40.1159	116.4623	-217.0	435	QF	0	0	0	0	80	37.0	1913	38	113	166	2.974	0.681	0.229	1.8	23.71
3079	40.1162	116.4623	-219.2	442	QF	0	0	0	0	79	37.1	2080	51	107	139	2.098	0.770	0.367	1.9	23.72
3080	40.1166	116.4622	-214.2	429	QF	0	0	0	0	70	36.9	[illegible]	53	90	187	1.698	0.481	0.283	1.9	23.72
3081	40.1170	116.4622	-213.7	399	QF	0	0	0	0	83	36.2	[illegible]	41	93	139	2.268	0.669	0.295	2.0	23.73
3082	40.1174	116.4622	-213.8	387	QF	0	0	0	0	83	36.0	[illegible]	36	183	114	5.083	1.605	0.316	2.0	23.73
3083	40.1177	116.4622	-214.5	385	QF	0	0	0	0	70	35.9	1733	53	89	140	1.679	0.636	0.379	2.1	23.74
3084	40.1181	116.4622	-212.0	383	QF	0	0	0	0	81	39.0	1827	39	66	184	1.692	0.359	0.212	2.1	23.74
3085	40.1185	116.4622	-213.1	362	QF	0	0	0	0	77	38.5	1884	24	164	146	6.833	1.123	0.164	2.2	23.75
3086	40.1189	116.4621	-214.9	357	QF	0	0	0	0	80	38.4	1903	47	79	118	1.681	0.669	0.398	2.2	23.75
3087	40.1192	116.4621	-214.8	356	QF	0	0	0	0	74	38.3	1756	34	107	139	3.147	0.770	0.245	2.3	23.75
3088	40.1196	116.4621	-216.4	372	QF	0	0	0	0	72	38.7	1732	48	77	153	1.604	0.503	0.314	2.3	23.76
3089	40.1200	116.4621	-214.5	357	QF	0	0	0	0	70	38.4	1664	56	85	113	1.518	0.752	0.496	2.3	23.76
3090	40.1204	116.4621	-215.3	346	QF	0	0	0	0	85	38.1	1738	47	118	91	2.511	1.297	0.516	2.4	23.77
3091	40.1208	116.4621	-215.7	345	QF	0	0	0	0	87	38.1	1804	31	208	83	6.710	2.506	0.373	2.4	23.77
3092	40.1211	116.4621	-215.9	351	QF	0	0	0	0	64	38.2	1829	59	87	141	1.475	0.617	0.418	2.5	23.79
3093	40.1215	116.4620	-219.6	353	QF	0	0	0	0	77	38.3	1839	45	34	180	0.756	0.189	0.250	2.5	23.80
3094	40.1219	116.4620	-219.0	355	QF	0	0	0	0	71	38.3	1886	43	100	157	2.326	0.637	0.274	2.6	23.80
3095	40.1223	116.4620	-217.5	355	QF	0	0	0	0	76	38.3	1929	36	104	170	2.889	0.612	0.212	2.6	23.81
3096	40.1226	116.4620	-217.5	347	QF	0	0	0	0	78	38.1	1912	41	133	170	3.244	0.782	0.241	2.6	23.82
3097	40.1230	116.4620	-218.1	339	QF	0	0	0	0	67	37.9	2070	56	75	156	1.339	0.481	0.359	2.7	23.82
3098	40.1234	116.4620	-222.3	336	QF	0	0	0	0	67	37.9	1997	49	126	176	2.571	0.716	0.278	2.6	23.83
3099	40.1238	116.4620	-221.3	332	QF	0	0	0	0	68	37.8	1913	44	170	129	3.864	1.318	0.341	2.6	23.84
3100	40.1241	116.4619	-222.5	331	QF	0	0	0	0	83	37.7	1962	60	95	166	1.583	0.572	0.361	2.6	23.85
3101	40.1245	116.4619	-222.0	328	QF	0	0	0	0	77	37.7	1935	59	131	134	2.220	0.978	0.440	2.7	23.85
3102	40.1249	116.4619	-222.2	324	QF	0	0	0	0	75	37.5	1908	45	48	216	1.043	0.222	0.213	2.7	23.86
3103	40.1253	116.4619	-221.7	317	QF	0	0	0	0	83	44.4	1786	47	154	126	3.277	1.222	0.373	2.7	23.86
3104	40.1256	116.4619	-221.6	306	QF	0	0	0	0	72	44.1	1846	53	80	182	1.509	0.440	0.291	2.7	23.87
3105	40.1260	116.4619	-222.1	291	QF	0	0	0	0	70	43.6	1860	49	97	131	1.980	0.740	0.374	2.8	23.88
3106	40.1264	116.4619	-222.7	279	QF	0	0	0	0	67	43.2	1749	41	100	130	2.439	0.769	0.315	2.8	23.88
3107	40.1268	116.4618	-224.1	283	QF	0	0	0	0	71	43.4	1888	42	145	129	3.452	1.124	0.326	2.8	23.89
3108	40.1271	116.4618	-224.5	292	QF	0	0	0	0	73	43.6	1860	47	82	187	1.745	0.439	0.251	2.7	23.89
3109	40.1275	116.4618	-226.2	300	QF	0	0	0	0	79	43.9	1921	47	128	136	2.723	0.941	0.346	2.7	23.89
3110	40.1279	116.4618	-228.8	306	QF	0	0	0	0	66	44.1	1958	46	168	135	3.652	1.244	0.341	2.7	23.90
3111	40.1283	116.4618	-229.5	310	QF	0	0	0	0	81	44.2	2065	62	142	142	2.290	1.000	0.437	2.7	23.91
3112	40.1287	116.4618	-228.7	315	QF	0	0	0	0	66	44.3	1867	46	79	180	1.717	0.439	0.256	2.6	23.91
3113	40.1290	116.4618	-230.6	318	QF	0	0	0	0	70	44.4	1980	63	81	139	1.286	0.583	0.453	2.6	23.92
3114	40.1294	116.4617	-228.1	319	QF	0	0	0	0	64	44.4	2111	55	141	160	2.564	0.881	0.344	2.5	23.92
3115	40.1298	116.4617	-225.3	316	QF	0	0	0	0	74	44.4	2044	56	105	153	1.875	0.686	0.366	2.5	23.92
3116	40.1302	116.4617	-225.8	314	QF	0	0	0	0	67	44.3	2017	74	117	141	1.581	0.830	0.525	2.5	23.93

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3117	40.1305	116.4617	-226.7	313	QF	0	0	0	0	79	44.3	2150	71	48	181	0.676	0.265	0.392	2.4	23.93
3118	40.1309	116.4617	-227.0	312	QF	0	0	0	0	73	44.2	2086	76	88	171	1.158	0.515	0.444	2.3	23.93
3119	40.1313	116.4617	-226.7	313	QF	0	0	0	0	66	44.3	1986	63	129	154	2.048	0.838	0.409	2.3	23.94
3120	40.1317	116.4617	-226.8	315	QF	0	0	0	0	67	44.3	2045	51	206	147	4.039	1.401	0.347	2.3	23.94
3121	40.1320	116.4616	-227.1	313	QF	0	0	0	0	69	44.3	2231	58	136	162	2.345	0.840	0.358	2.3	23.94
3122	40.1324	116.4616	-227.5	314	QF	0	0	0	0	70	41.8	2107	59	111	177	1.881	0.627	0.333	2.2	23.95
3123	40.1328	116.4616	-226.2	319	QF	0	0	0	0	80	41.9	2071	51	169	162	3.314	1.043	0.315	2.2	23.95
3124	40.1332	116.4616	-227.9	323	QF	0	0	0	0	65	42.1	2176	64	88	166	1.375	0.530	0.386	2.2	23.96
3125	40.1335	116.4616	-226.8	323	QF	0	0	0	0	67	42.1	2173	69	150	207	2.174	0.725	0.333	2.2	23.97
3126	40.1339	116.4616	-225.3	319	QF	0	0	0	0	72	42.0	2187	66	128	190	1.939	0.674	0.347	2.2	23.97
3127	40.1343	116.4616	-227.1	310	QF	0	0	0	0	77	41.7	2170	63	142	198	2.254	0.717	0.318	2.3	23.97
3128	40.1347	116.4615	-226.4	303	QF	0	0	0	0	77	41.5	1985	60	63	202	1.050	0.312	0.297	2.3	23.97
3129	40.1350	116.4615	-227.8	309	QF	0	0	0	0	64	41.7	1973	47	95	224	2.021	0.424	0.210	2.3	23.97
3130	40.1354	116.4615	-227.7	317	QF	0	0	0	0	77	41.9	1900	41	151	180	3.683	0.839	0.228	2.3	23.96
3131	40.1358	116.4615	-230.0	333	QF	0	0	0	0	67	42.3	2146	70	85	162	1.214	0.525	0.432	2.3	23.96
3132	40.1362	116.4615	-228.4	345	QF	0	0	0	0	75	42.7	2068	45	160	161	3.556	0.994	0.280	2.3	23.96
3133	40.1366	116.4615	-227.6	348	QF	0	0	0	0	81	42.8	2046	52	169	138	3.250	1.225	0.377	2.3	23.96
3134	40.1369	116.4615	-227.5	348	QF	0	0	0	0	79	42.8	2001	53	114	166	2.151	0.687	0.319	2.3	23.97
3135	40.1373	116.4614	-227.0	346	QF	0	0	0	0	70	42.7	1960	30	130	160	4.333	0.813	0.188	2.3	23.98
3136	40.1377	116.4614	-226.7	344	QF	0	0	0	0	67	42.6	1948	62	95	149	1.532	0.638	0.416	2.2	23.98
3138	40.1384	116.4614	-224.2	342	QF	0	0	0	0	78	42.6	1953	56	154	154	2.750	1.000	0.364	2.2	23.99
3139	40.1388	116.4614	-227.1	341	QF	0	0	0	0	62	42.6	1955	44	203	113	4.614	1.796	0.389	2.2	23.99
3140	40.1392	116.4614	-227.1	339	TS5	0	0	0	0	75	42.5	1916	67	88	151	1.313	0.583	0.444	2.2	24.00
3141	40.1396	116.4614	-225.1	337	TS5	0	0	0	0	75	42.4	2026	46	128	130	2.783	0.985	0.354	2.2	24.00
3142	40.1399	116.4613	-225.5	339	TS5	0	0	0	0	74	40.0	1957	60	150	112	2.500	1.339	0.536	2.1	24.01
3143	40.1403	116.4613	-226.7	343	TS5	0	0	0	0	70	40.1	2089	47	137	155	2.915	0.884	0.303	2.1	24.01
3144	40.1407	116.4613	-225.6	349	TS5	0	0	0	0	68	40.3	2119	48	206	90	4.292	2.289	0.533	2.0	24.01
3145	40.1411	116.4613	-226.3	356	TS5	0	0	0	0	72	40.5	2013	66	85	162	1.288	0.525	0.407	2.0	24.01
3146	40.1414	116.4613	-228.7	355	TS5	0	0	0	0	81	40.5	2111	57	120	167	2.105	0.719	0.341	2.0	24.01
3147	40.1418	116.4613	-229.4	360	TS5	0	0	0	0	71	40.6	2084	59	155	114	2.627	1.360	0.518	2.0	24.01
3148	40.1422	116.4612	-227.8	367	TS5	0	0	0	0	70	40.8	1976	56	132	142	2.357	0.930	0.394	2.1	24.01
3149	40.1426	116.4612	-228.8	369	TS5	0	0	0	0	79	40.8	2097	45	60	217	1.333	0.276	0.207	2.1	24.01
3150	40.1429	116.4612	-230.5	368	TS5	0	0	0	0	76	40.8	1996	47	119	175	2.532	0.680	0.269	2.1	24.02
3151	40.1433	116.4612	-233.0	361	TS5	0	0	0	0	61	40.6	2008	52	128	149	2.462	0.859	0.349	2.1	24.02
3152	40.1437	116.4612	-234.0	361	TS5	0	0	0	0	78	40.6	1896	56	102	149	1.821	0.685	0.376	2.2	24.02
3153	40.1441	116.4612	-236.4	362	TS5	0	0	0	0	71	40.6	1890	53	133	146	2.509	0.911	0.363	2.2	24.02
3154	40.1445	116.4612	-236.4	359	TS5	0	0	0	0	65	40.6	1907	48	125	133	2.604	0.940	0.361	2.3	24.02
3155	40.1448	116.4611	-236.6	359	TS5	0	0	0	0	69	40.6	1942	49	163	126	3.327	1.294	0.389	2.3	24.03
3156	40.1452	116.4611	-238.3	362	TS5	0	0	0	0	71	40.6	1992	50	111	160	2.220	0.694	0.313	2.3	24.03
3157	40.1456	116.4611	-236.0	364	TS5	0	0	0	0	70	40.7	1959	5'	68	175	1.259	0.389	0.309	2.3	24.03
3158	40.1460	116.4611	-238.4	366	TS5	0	0	0	0	65	40.8	1983	70	114	151	1.629	0.755	0.464	2.3	24.04
3159	40.1463	116.4611	-239.9	371	TS5	0	0	0	0	69	40.9	1936	59	95	147	1.610	0.646	0.401	2.3	24.04
3160	40.1467	116.4611	-237.8	371	TS5	0	0	0	0	68	40.9	1918	41	155	142	3.780	1.092	0.289	2.3	24.05
3161	40.1471	116.4611	-238.5	375	TS5	0	0	0	0	66	40.9	2026	49	208	105	4.245	1.981	0.467	2.3	24.04
3162	40.1475	116.4610	-238.8	390	TS5	0	0	0	0	73	41.2	2001	41	163	116	3.976	1.405	0.353	2.4	24.04
3163	40.1478	116.4610	-240.2	402	TS5	0	0	0	0	69	41.5	1923	56	134	126	2.393	1.063	0.444	2.4	24.05
3164	40.1482	116.4610	-239.1	405	TS5	0	0	0	0	72	41.6	2008	63	78	156	1.238	0.500	0.404	2.4	24.05
3165	40.1486	116.4610	-237.6	401	TS5	0	0	0	0	64	41.5	1957	46	88	205	1.913	0.429	0.224	2.5	24.05
3166	40.1490	116.4610	-236.1	395	TS5	0	0	0	0	67	41.3	2050	26	200	137	7.692	1.460	0.190	2.5	24.05
3168	40.1497	116.4610	-234.8	391	TS5	0	0	0	0	75	41.2	1969	54	86	182	1.593	0.473	0.297	2.5	24.05
3169	40.1501	116.4609	-233.8	393	TS5	0	0	0	0	77	41.3	1957	47	129	165	2.745	0.782	0.285	2.5	24.05
3170	40.1505	116.4609	-233.2	391	TS5	0	0	0	0	70	41.2	1949	52	114	146	2.192	0.781	0.356	2.6	24.06
3171	40.1508	116.4609	-230.5	389	TS5	0	0	0	0	74	41.2	1899	63	97	143	1.540	0.678	0.441	2.7	24.06
3172	40.1512	116.4609	-231.4	389	TS5	0	0	0	0	68	41.2	1957	50	206	145	4.120	1.421	0.345	2.8	24.06

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3173	40.1516	116.4609	-232.9	391	TS5	0	0	0	0	68	41.2	1918	39	198	107	5.077	1.850	0.364	2.8	24.07
3174	40.1520	116.4609	-231.6	391	TS5	0	0	0	0	79	41.2	2033	40	196	134	4.900	1.463	0.299	2.9	24.07
3175	40.1524	116.4609	-231.6	389	TS5	0	0	0	0	74	41.2	2068	37	160	158	4.324	1.013	0.234	3.0	24.07
3176	40.1527	116.4608	-233.0	389	TS5	0	0	0	0	70	41.2	1985	64	120	110	1.875	1.091	0.582	3.0	24.08
3177	40.1531	116.4608	-233.8	385	TS5	0	0	0	0	67	41.1	2047	63	125	156	1.984	0.801	0.404	3.1	24.08
3178	40.1535	116.4608	-231.0	382	TS5	0	0	0	0	67	41.0	1986	47	181	135	3.851	1.341	0.348	3.1	24.09
3179	40.1539	116.4608	-232.3	377	TS5	0	0	0	0	56	40.9	2033	47	171	132	3.638	1.295	0.356	3.2	24.10
3180	40.1542	116.4608	-233.0	373	QF	0	0	0	0	66	40.8	2037	74	40	193	0.541	0.207	0.383	3.2	24.10
3181	40.1546	116.4608	-233.4	374	QF	0	0	0	0	73	45.0	2076	70	118	103	1.686	1.146	0.680	3.2	24.11
3182	40.1550	116.4608	-232.9	377	QF	0	0	0	0	66	45.1	2114	65	107	151	1.646	0.709	0.430	3.1	24.11
3183	40.1554	116.4607	-233.3	380	QF	0	0	0	0	69	45.1	2083	59	109	179	1.847	0.609	0.330	3.1	24.12
3184	40.1557	116.4607	-234.2	386	QF	0	0	0	0	73	45.3	2164	67	67	209	1.000	0.321	0.321	3.1	24.12
3185	40.1561	116.4607	-234.4	392	QF	0	0	0	0	70	45.5	2315	59	159	187	2.695	0.850	0.316	3.1	24.12
3186	40.1565	116.4607	-234.8	395	QF	0	0	0	0	63	45.6	2289	65	130	198	2.000	0.657	0.328	3.1	24.12
3187	40.1569	116.4607	-234.3	397	QF	0	0	0	0	65	45.6	2313	78	113	230	1.449	0.491	0.339	3.1	24.12
3188	40.1572	116.4607	-235.5	395	QF	0	0	0	0	62	45.6	2344	78	169	192	2.167	0.880	0.406	3.0	24.13
3189	40.1576	116.4607	-235.0	391	QF	0	0	0	0	72	45.4	2277	72	132	183	1.833	0.721	0.393	3.0	24.13
3190	40.1580	116.4606	-237.7	393	QF	0	0	0	0	66	45.5	2389	70	155	222	2.214	0.698	0.315	3.0	24.13
3191	40.1584	116.4606	-234.2	384	QF	0	0	0	0	70	45.3	2286	61	136	208	2.230	0.654	0.293	3.0	24.14
3192	40.1587	116.4606	-233.7	378	QF	0	0	0	0	68	45.1	2297	59	146	214	2.475	0.682	0.276	3.0	24.14
3193	40.1591	116.4606	-232.2	376	QF	0	0	0	0	65	45.0	2367	88	133	247	1.511	0.538	0.356	3.0	24.15
3194	40.1594	116.4606	-236.6	377	QF	0	0	0	0	65	45.1	2301	79	132	179	1.671	0.737	0.441	3.0	24.15
3195	40.1597	116.4606	-235.8	375	QF	0	0	0	0	87	45.0	2437	85	106	192	1.247	0.552	0.443	2.9	24.16
3196	40.1601	116.4606	-235.0	376	QF	0	0	0	0	69	45.0	2309	73	125	189	1.712	0.661	0.386	3.0	24.16
3198	40.1607	116.4606	-237.3	382	QF	0	0	0	0	74	45.2	2552	76	141	247	1.855	0.571	0.308	3.0	24.16
3199	40.1610	116.4607	-236.2	385	QF	0	0	0	0	66	45.3	2525	85	111	154	1.306	0.721	0.552	3.1	24.16
3200	40.1614	116.4607	-237.1	388	QF	0	0	0	0	77	45.4	2576	62	124	216	2.000	0.574	0.287	3.1	24.16
3201	40.1617	116.4607	-238.3	384	QF	0	0	0	0	64	50.5	2427	103	93	194	0.903	0.479	0.531	2.9	24.17
3202	40.1620	116.4607	-238.7	383	QF	0	0	0	0	69	50.4	2512	84	101	234	1.202	0.432	0.359	2.9	24.17
3203	40.1624	116.4607	-240.5	380	QF	0	0	0	0	68	50.3	2438	92	79	225	0.859	0.351	0.409	2.9	24.18
3204	40.1627	116.4607	-241.9	379	QF	0	0	0	0	76	50.3	2453	76	92	241	1.211	0.382	0.315	2.9	24.18
3206	40.1633	116.4607	-245.2	378	QF	0	0	0	0	68	50.3	2404	70	209	151	2.986	1.384	0.464	2.8	24.19
3207	40.1637	116.4607	-244.7	376	QF	0	0	0	0	65	50.2	2448	77	149	186	1.935	0.801	0.414	2.8	24.19
3208	40.1640	116.4607	-246.4	375	QF	0	0	0	0	68	50.2	2460	87	137	211	1.575	0.649	0.412	2.8	24.20
3209	40.1643	116.4607	-248.0	376	QF	0	0	0	0	70	50.2	2356	95	80	210	0.842	0.381	0.452	2.8	24.20
3210	40.1647	116.4607	-250.7	377	QA1	0	0	0	0	74	50.2	2455	71	137	245	1.930	0.559	0.290	2.8	24.21
3211	40.1650	116.4607	-251.1	377	QA1	0	0	0	0	72	50.3	2550	72	180	199	2.500	0.905	0.362	2.8	24.21
3212	40.1653	116.4607	-249.8	378	QA1	0	0	0	0	67	50.3	2448	72	177	213	2.458	0.831	0.338	2.8	24.22
3213	40.1656	116.4607	-254.0	379	QA1	0	0	0	0	80	50.3	2415	80	121	237	1.513	0.511	0.338	2.8	24.22
3214	40.1660	116.4608	-253.9	381	QA1	0	0	0	0	66	50.4	2473	73	177	203	2.425	0.872	0.360	2.8	24.23
3215	40.1663	116.4608	-255.8	386	QA1	0	0	0	0	63	50.5	2475	84	154	194	1.833	0.794	0.433	2.8	24.23
3216	40.1666	116.4608	-255.7	387	QA1	0	0	0	0	78	50.5	2619	94	135	212	1.436	0.637	0.443	2.8	24.24
3217	40.1669	116.4608	-254.1	388	QA1	0	0	0	0	70	50.6	2735	86	98	273	1.140	0.359	0.315	2.8	24.24
3218	40.1673	116.4608	-258.3	392	QA1	0	0	0	0	68	50.7	2634	78	151	268	1.936	0.563	0.291	2.8	24.24
3219	40.1676	116.4608	-257.7	397	QA1	0	0	0	0	69	50.9	2726	82	138	257	1.683	0.537	0.319	2.8	24.24
3220	40.1679	116.4608	-257.1	399	QA1	0	0	0	0	69	50.9	2719	94	177	226	1.883	0.783	0.416	2.7	24.24
3221	40.1683	116.4608	-259.5	404	QA1	0	0	0	0	74	49.1	2646	72	147	281	2.042	0.523	0.256	2.6	24.24
3222	40.1686	116.4608	-258.1	407	QA1	0	0	0	0	70	49.2	2711	64	192	298	3.000	0.644	0.215	2.6	24.24
3223	40.1689	116.4608	-256.8	409	QA1	0	0	0	0	74	49.2	2504	53	152	265	2.868	0.574	0.200	2.5	24.24
3224	40.1692	116.4608	-256.9	413	QA1	0	0	0	0	73	49.3	2614	64	233	172	3.641	1.355	0.372	2.5	24.24
3225	40.1696	116.4608	-257.4	414	QA1	0	0	0	0	69	49.4	2576	45	234	204	5.200	1.147	0.221	2.4	24.24
3226	40.1699	116.4608	-258.8	412	QA1	0	0	0	0	69	49.3	2589	85	131	212	1.541	0.618	0.401	2.4	24.24
3227	40.1702	116.4608	-256.7	411	QA1	0	0	0	0	75	49.3	2615	62	130	227	2.097	0.573	0.273	2.3	24.25
3228	40.1706	116.4608	-257.4	410	QA1	0	0	0	0	68	49.3	2586	70	108	256	1.543	0.422	0.273	2.2	24.25

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3229	40.1709	116.4609	-256.1	407	QA1	0	0	0	0	70	49.2	2564	79	113	225	1.430	0.502	0.351	2.1	24.25
3230	40.1712	116.4609	-256.3	405	QA1	0	0	0	0	70	49.1	2434	63	137	204	2.175	0.672	0.309	2.0	24.25
3231	40.1715	116.4609	-257.2	407	QA1	0	0	0	0	69	49.2	2470	65	188	180	2.892	1.044	0.361	2.0	24.25
3232	40.1719	116.4609	-257.7	408	QA1	0	0	0	0	68	49.2	2454	53	174	220	3.285	0.791	0.241	1.9	24.25
3233	40.1722	116.4609	-258.8	412	QA1	0	0	0	0	64	49.3	2493	68	140	223	2.059	0.628	0.305	1.9	24.25
3234	40.1725	116.4609	-259.9	415	QA1	0	0	0	0	63	49.4	2426	66	137	233	2.076	0.588	0.283	1.9	24.25
3235	40.1729	116.4609	-259.1	414	QA1	0	0	0	0	72	49.4	2298	68	155	182	2.279	0.852	0.374	1.8	24.25
3236	40.1732	116.4609	-258.8	419	QA1	0	0	0	0	69	49.5	2284	63	87	237	1.381	0.367	0.266	1.9	24.25
3237	40.1735	116.4609	-259.9	423	QA1	0	0	0	0	68	49.6	2361	53	90	306	1.698	0.294	0.173	1.8	24.24
3238	40.1738	116.4609	-261.1	430	QA1	0	0	0	0	59	49.8	2282	59	81	254	1.373	0.319	0.232	1.8	24.24
3239	40.1742	116.4609	-260.4	439	QA1	0	0	0	0	67	50.0	2258	62	152	185	2.452	0.822	0.335	1.8	24.24
3240	40.1745	116.4609	-263.3	443	QA1	0	0	0	0	64	47.0	2189	77	62	234	0.805	0.265	0.329	1.7	24.23
3241	40.1748	116.4609	-261.9	455	QA1	0	0	0	0	69	47.3	2203	47	240	149	5.106	1.611	0.315	1.7	24.22
3242	40.1751	116.4609	-262.5	465	QA1	0	0	0	0	60	47.5	2311	53	89	248	1.679	0.359	0.214	1.7	24.22
3243	40.1755	116.4610	-261.3	475	QA1	0	0	0	0	62	47.8	2339	61	120	199	1.967	0.603	0.307	1.7	24.21
3244	40.1758	116.4610	-261.9	480	QA1	0	0	0	0	73	47.9	2253	56	91	242	1.625	0.376	0.231	1.6	24.21
3245	40.1761	116.4610	-261.4	480	QA1	0	0	0	0	65	47.9	2096	51	104	173	2.039	0.601	0.295	1.6	24.21
3246	40.1765	116.4610	-259.8	481	QA1	0	0	0	0	73	47.9	2247	44	152	192	3.455	0.792	0.229	1.6	24.21
3247	40.1768	116.4610	-259.5	483	QA1	0	0	0	0	71	48.0	2080	50	180	170	3.600	1.059	0.294	1.6	24.21
3248	40.1771	116.4610	-257.6	488	QA1	0	0	0	0	73	48.1	2438	71	45	264	0.634	0.170	0.269	1.6	24.20
3249	40.1774	116.4610	-255.5	489	QA1	0	0	0	0	71	48.1	2236	40	153	186	3.825	0.823	0.215	1.6	24.20
3250	40.1778	116.4610	-255.9	490	QA1	0	0	0	0	77	48.1	2159	56	62	224	1.107	0.277	0.250	1.5	24.20
3251	40.1781	116.4610	-254.6	490	QA1	0	0	0	0	75	48.1	2227	46	121	219	2.630	0.553	0.210	1.4	24.20
3252	40.1784	116.4610	-252.5	490	QA1	0	0	0	0	64	48.2	2117	47	182	166	3.872	1.096	0.283	1.3	24.19
3253	40.1788	116.4610	-251.5	492	QA1	0	0	0	0	67	48.2	2143	48	106	218	2.208	0.486	0.220	1.3	24.19
3254	40.1791	116.4610	-251.1	493	QA1	0	0	0	0	68	48.2	2176	59	87	165	1.475	0.527	0.358	1.2	24.19
3255	40.1794	116.4610	-249.8	494	QA1	0	0	0	0	72	48.2	2082	57	139	153	2.439	0.908	0.373	1.2	24.18
3256	40.1797	116.4610	-249.2	494	QA1	0	0	0	0	76	48.3	2015	42	164	124	3.905	1.323	0.339	1.2	24.17
3258	40.1804	116.4611	-246.5	500	QA1	0	0	0	0	64	48.4	1965	45	128	130	2.844	0.985	0.346	1.3	24.16
3259	40.1807	116.4611	-243.9	507	QA1	0	0	0	0	67	48.6	2058	47	49	174	1.043	0.282	0.270	1.2	24.16
3260	40.1810	116.4611	-244.1	505	QA1	0	0	0	0	84	46.0	2018	44	147	152	3.341	0.967	0.289	1.2	24.15
3261	40.1814	116.4611	-241.8	499	QA1	0	0	0	0	72	45.9	2027	59	106	158	1.797	0.671	0.373	1.2	24.16
3262	40.1817	116.4611	-241.7	508	QA1	0	0	0	0	69	46.1	2000	42	142	165	3.381	0.861	0.255	1.2	24.16
3263	40.1820	116.4611	-238.3	522	QA1	0	0	0	0	68	46.4	2119	41	155	144	3.780	1.076	0.285	1.2	24.16
3264	40.1824	116.4611	-234.1	503	QA1	0	0	0	0	65	46.0	1956	57	107	156	1.877	0.686	0.365	1.1	24.16
3265	40.1827	116.4611	-233.2	515	QA1	0	0	0	0	75	46.2	2063	77	81	149	1.052	0.544	0.517	1.2	24.16
3266	40.1830	116.4611	-231.1	514	QA1	0	0	0	0	76	46.2	1963	54	121	116	2.241	1.043	0.466	1.2	24.15
3267	40.1833	116.4611	-233.9	506	QA1	0	0	0	0	72	46.0	1935	47	80	207	1.702	0.386	0.227	1.3	24.15
3268	40.1837	116.4611	-233.7	519	QA1	0	0	0	0	71	46.3	1937	37	125	148	3.378	0.845	0.250	1.3	24.15
3269	40.1840	116.4611	-231.6	515	QA1	0	0	0	0	66	46.2	2100	72	60	147	0.833	0.408	0.490	1.3	24.15
3270	40.1843	116.4611	-231.5	521	QA1	0	0	0	0	76	46.4	1902	49	147	122	3.000	1.205	0.402	1.3	24.15
3271	40.1847	116.4611	-234.3	510	QA1	0	0	0	0	63	46.1	1915	49	128	138	2.612	0.928	0.355	1.4	24.15
3272	40.1850	116.4611	-232.7	518	QA1	0	0	0	0	65	46.3	1897	62	104	153	1.677	0.680	0.405	1.5	24.16
3273	40.1853	116.4612	-229.6	513	QA1	0	0	0	0	70	46.2	1951	44	177	107	4.023	1.654	0.411	1.5	24.16
3274	40.1856	116.4612	-229.4	502	QA1	0	0	0	0	67	45.9	1980	48	104	196	2.167	0.531	0.245	1.6	24.17
3275	40.1860	116.4612	-230.8	499	QA1	0	0	0	0	70	45.9	1961	52	120	167	2.308	0.719	0.311	1.6	24.18
3276	40.1863	116.4612	-227.3	498	QA1	0	0	0	0	59	45.8	2094	48	142	173	2.958	0.821	0.277	1.7	24.19
3277	40.1867	116.4612	-229.6	493	QA1	0	0	0	0	68	45.7	2123	38	124	223	3.263	0.556	0.170	1.7	24.20
3278	40.1872	116.4613	-231.3	490	QA1	0	0	0	0	64	45.7	2120	62	88	181	1.419	0.486	0.343	1.8	24.22
3279	40.1876	116.4614	-228.3	487	QA1	0	0	0	0	76	41.0	2105	54	137	200	2.537	0.685	0.270	1.8	24.23
3280	40.1881	116.4615	-231.1	479	QA1	0	0	0	0	74	40.9	2030	56	124	197	2.214	0.629	0.284	1.9	24.25
3281	40.1885	116.4615	-232.7	470	QA1	0	0	0	0	71	40.7	2003	56	86	217	1.536	0.396	0.258	2.0	24.25
3282	40.1890	116.4616	-233.4	466	QA1	0	0	0	0	71	40.6	2054	54	110	211	2.037	0.521	0.256	2.0	24.26
3283	40.1894	116.4617	-232.9	466	QA1	0	0	0	0	73	40.6	2107	42	150	212	3.571	0.708	0.198	2.1	24.26

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3284	40.1899	116.4618	-233.7	463	QA1	0	0	0	0	66	40.5	2067	55	78	208	1.418	0.375	0.264	2.2	24.26
3285	40.1903	116.4618	-236.7	459	QA1	0	0	0	0	67	40.4	2096	71	54	249	0.761	0.217	0.285	2.2	24.27
3286	40.1908	116.4619	-236.4	461	QA1	0	0	0	0	67	40.5	2051	43	178	161	4.140	1.106	0.267	2.2	24.26
3287	40.1912	116.4620	-235.6	460	QA1	0	0	0	0	69	40.5	2197	77	94	172	1.221	0.547	0.448	2.3	24.26
3288	40.1917	116.4621	-234.6	455	QA1	0	0	0	0	67	40.4	2068	45	128	188	2.844	0.681	0.239	2.3	24.27
3289	40.1921	116.4621	-238.1	453	QA1	0	0	0	0	72	40.3	2105	41	100	262	2.439	0.382	0.156	2.4	24.27
3290	40.1925	116.4622	-236.9	448	QA1	0	0	0	0	80	40.2	2080	65	147	160	2.262	0.919	0.406	2.5	24.27
3291	40.1930	116.4623	-235.9	443	QA1	0	0	0	0	72	40.1	2052	51	103	214	2.020	0.481	0.238	2.5	24.28
3292	40.1934	116.4624	-237.2	440	QA1	0	0	0	0	74	40.0	1995	65	91	179	1.400	0.508	0.363	2.6	24.28
3293	40.1939	116.4624	-237.2	436	QA1	0	0	0	0	70	39.9	1956	45	136	176	3.022	0.773	0.256	2.7	24.29
3294	40.1943	116.4625	-236.3	424	QA1	0	0	0	0	68	39.7	1935	59	146	147	2.475	0.993	0.401	2.8	24.29
3295	40.1948	116.4625	-236.8	414	QA1	0	0	0	0	60	39.4	1756	44	105	175	2.386	0.600	0.251	2.9	24.30
3296	40.1952	116.4626	-237.6	406	QA1	0	0	0	0	69	39.3	1753	52	65	150	1.250	0.433	0.347	3.0	24.31
3297	40.1957	116.4626	-240.0	394	QA1	0	0	0	0	62	39.0	1627	50	95	124	1.900	0.766	0.403	3.1	24.31
3299	40.1966	116.4627	-237.8	381	QF	0	0	0	0	77	38.6	1627	49	96	128	1.959	0.750	0.383	3.2	24.31
3300	40.1970	116.4627	-238.8	376	QF	0	0	0	0	70	38.5	1647	44	61	146	1.386	0.418	0.301	3.4	24.30
3301	40.1974	116.4627	-239.7	366	QF	0	0	0	0	63	38.2	1687	32	122	130	3.813	0.938	0.246	3.4	24.30
3302	40.1979	116.4627	-241.7	360	QF	0	0	0	0	64	38.1	1595	36	113	113	3.139	1.000	0.319	3.5	24.30
3303	40.1983	116.4628	-241.8	353	QF	0	0	0	0	76	37.9	1604	33	149	116	4.515	1.284	0.284	3.6	24.30
3304	40.1988	116.4628	-244.8	350	QF	0	0	0	0	68	37.8	1582	59	58	123	0.983	0.472	0.480	3.7	24.31
3305	40.1992	116.4628	-244.3	344	QF	0	0	0	0	62	37.7	1637	32	148	106	4.625	1.396	0.302	3.8	24.30
3306	40.1997	116.4629	-244.4	333	QF	0	0	0	0	55	37.4	1654	42	150	105	3.571	1.429	0.400	3.9	24.31
3307	40.2001	116.4629	-244.0	322	QF	0	0	0	0	77	37.2	1650	40	143	93	3.575	1.538	0.430	4.0	24.32
3308	40.2005	116.4629	-246.3	314	QF	0	0	0	0	66	37.0	1635	52	117	108	2.250	1.083	0.481	4.1	24.32
3309	40.2010	116.4629	-246.6	306	QF	0	0	0	0	69	36.8	1722	57	63	155	1.105	0.406	0.368	4.2	24.33
3310	40.2014	116.4630	-247.6	303	QF	0	0	0	0	60	36.7	1610	41	130	110	3.171	1.182	0.373	4.3	24.33
3311	40.2019	116.4630	-249.3	307	QF	0	0	0	0	69	36.8	1591	36	83	131	2.306	0.634	0.275	4.4	24.33
3312	40.2023	116.4630	-252.0	311	QF	0	0	0	0	65	36.9	1624	54	70	127	1.296	0.551	0.425	4.5	24.33
3313	40.2028	116.4631	-252.0	308	QF	0	0	0	0	66	36.8	1464	33	97	109	2.939	0.890	0.303	4.5	24.33
3314	40.2032	116.4631	-252.2	312	QF	0	0	0	0	76	36.9	1534	40	142	74	3.550	1.919	0.541	4.6	24.32
3315	40.2036	116.4631	-251.2	317	QF	0	0	0	0	69	37.0	1646	34	139	81	4.088	1.716	0.420	4.7	24.31
3316	40.2041	116.4631	-251.9	321	QF	0	0	0	0	65	37.1	1743	49	62	139	1.265	0.446	0.353	4.7	24.30
3317	40.2044	116.4631	-251.6	319	QF	0	0	0	0	65	37.1	1650	39	123	99	3.154	1.242	0.394	4.7	24.30
3318	40.2047	116.4631	-252.5	322	QF	0	0	0	0	64	32.7	1679	28	119	106	4.250	1.123	0.264	4.8	24.29
3319	40.2051	116.4631	-254.7	320	QF	0	0	0	0	66	32.7	1655	39	78	115	2.000	0.678	0.339	4.8	24.29
3320	40.2054	116.4631	-254.9	316	QF	0	0	0	0	75	32.6	1591	40	139	89	3.475	1.562	0.449	4.8	24.28
3321	40.2057	116.4631	-256.4	307	QF	0	0	0	0	66	32.4	1697	36	144	128	4.000	1.125	0.281	4.9	24.28
3322	40.2061	116.4631	-258.1	304	QF	0	0	0	0	73	32.4	1749	41	168	78	4.098	2.154	0.526	4.9	24.28
3323	40.2064	116.4631	-256.0	304	QF	0	0	0	0	69	32.3	1695	39	116	128	2.974	0.906	0.305	4.9	24.28
3324	40.2067	116.4631	-259.5	300	QF	0	0	0	0	69	32.3	1593	45	86	99	1.870	0.869	0.465	4.8	24.27
3325	40.2070	116.4631	-264.9	301	QF	0	0	0	0	62	32.3	1716	27	174	104	6.444	1.673	0.260	4.9	24.27
3326	40.2074	116.4631	-270.1	297	QF	0	0	0	0	64	32.2	1622	33	166	90	5.030	1.844	0.367	4.9	24.27
3327	40.2077	116.4631	-273.8	299	QF	0	0	0	0	68	32.3	1720	39	171	95	4.385	1.800	0.411	4.9	24.26
3329	40.2083	116.4631	-277.8	305	QF	0	0	0	0	61	32.4	1734	54	101	107	1.870	0.944	0.505	4.9	24.24
3330	40.2087	116.4631	-281.7	307	QF	0	0	0	0	73	32.4	1683	43	89	99	2.070	0.899	0.434	4.9	24.24
3331	40.2090	116.4631	-287.2	308	QF	0	0	0	0	72	32.4	1637	28	136	107	4.857	1.271	0.262	5.0	24.23
3332	40.2093	116.4631	-291.3	311	QF	0	0	0	0	76	32.5	1728	48	131	86	2.729	1.523	0.558	5.0	24.22
3333	40.2097	116.4631	-293.7	313	QV3	0	0	0	0	64	32.5	1647	38	134	116	3.526	1.155	0.328	5.0	24.22
3334	40.2100	116.4631	-297.2	308	QV3	0	0	0	0	70	32.5	1636	51	39	148	0.765	0.264	0.345	5.1	24.21
3335	40.2103	116.4631	-304.6	309	QV3	0	0	0	0	66	32.5	1723	54	136	106	2.519	1.283	0.509	5.2	24.21
3336	40.2106	116.4631	-312.3	311	QV3	0	0	0	0	66	32.5	1678	44	97	142	2.205	0.683	0.310	5.3	24.21
3337	40.2110	116.4631	-317.0	312	QV3	0	0	0	0	76	32.5	1681	54	138	64	2.556	2.156	0.844	5.4	24.19
3338	40.2113	116.4631	-328.1	319	QV3	0	0	0	0	68	32.9	1711	35	174	75	4.971	2.320	0.467	5.4	24.19
3339	40.2116	116.4631	-331.2	332	QV3	0	0	0	0	74	33.2	1674	44	101	99	2.295	1.020	0.444	5.4	24.18

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3340	40.2120	116.4631	-333.0	340	OV3	0	0	0	0	70	33.4	1625	41	73	120	1.780	0.608	0.342	5.4	24.18
3341	40.2123	116.4631	-332.0	339	OV3	0	0	0	0	64	33.3	1569	29	156	78	5.379	2.000	0.372	5.5	24.17
3342	40.2126	116.4631	-331.4	335	OV3	0	0	0	0	71	33.2	1406	29	105	95	3.621	1.105	0.305	5.5	24.17
3343	40.2129	116.4631	-329.1	337	OV3	0	0	0	0	73	33.3	1482	41	65	113	1.585	0.575	0.363	5.6	24.16
3344	40.2133	116.4631	-326.8	337	OV3	0	0	0	0	59	33.3	1482	32	106	90	3.313	1.178	0.356	5.6	24.16
3345	40.2136	116.4631	-326.2	337	OV3	0	0	0	0	62	33.3	1536	41	100	80	2.439	1.250	0.513	5.7	24.15
3346	40.2139	116.4631	-323.7	332	OV3	0	0	0	0	67	33.2	1552	40	91	105	2.275	0.867	0.381	5.7	24.14
3347	40.2142	116.4631	-322.2	318	OV3	0	0	0	0	64	32.9	1487	17	100	130	5.882	0.769	0.131	5.7	24.13
3348	40.2146	116.4631	-321.1	318	OV3	0	0	0	0	72	32.9	1423	24	66	112	2.750	0.589	0.214	5.7	24.13
3349	40.2149	116.4631	-320.9	306	OV3	0	0	0	0	75	32.6	1477	31	158	75	5.097	2.107	0.413	5.8	24.12
3350	40.2152	116.4631	-317.5	293	OV3	0	0	0	0	74	32.3	1495	23	48	144	2.087	0.333	0.160	5.8	24.11
3351	40.2156	116.4631	-317.1	297	OV3	0	0	0	0	73	32.4	1556	33	50	136	1.515	0.368	0.243	5.9	24.10
3352	40.2159	116.4631	-315.2	306	OV3	0	0	0	0	70	32.6	1438	26	102	102	3.923	1.000	0.255	5.8	24.10
3353	40.2162	116.4631	-314.9	312	OV3	0	0	0	0	79	32.7	1492	41	56	113	1.366	0.496	0.363	5.8	24.09
3354	40.2165	116.4631	-314.2	319	OV3	0	0	0	0	75	32.9	1541	36	116	99	3.222	1.172	0.364	5.8	24.09
3355	40.2169	116.4631	-312.6	324	OV3	0	0	0	0	67	33.0	1483	28	97	118	3.464	0.822	0.237	5.8	24.07
3356	40.2172	116.4631	-316.0	328	OV3	0	0	0	0	73	33.1	1505	24	131	106	5.458	1.236	0.226	5.8	24.06
3357	40.2175	116.4631	-316.2	333	OV3	0	0	0	0	65	27.0	1591	18	159	93	8.833	1.710	0.194	5.8	24.05
3358	40.2178	116.4631	-315.3	341	OV3	0	0	0	0	74	27.2	1702	35	200	83	5.714	2.410	0.422	5.8	24.04
3359	40.2182	116.4631	-314.1	348	OV3	0	0	0	0	69	27.3	1747	29	189	122	6.517	1.549	0.238	5.8	24.04
3360	40.2185	116.4631	-316.4	343	OV3	0	0	0	0	73	27.2	1714	23	176	89	7.652	1.978	0.258	5.7	24.03
3361	40.2188	116.4631	-313.2	327	OV3	0	0	0	0	73	26.9	1645	38	121	133	3.184	0.910	0.286	5.7	24.03
3362	40.2192	116.4631	-312.5	312	OV3	0	0	0	0	71	26.6	1525	40	140	81	3.500	1.728	0.494	5.7	24.02
3363	40.2195	116.4631	-313.4	311	OV3	0	0	0	0	72	26.6	1626	24	192	60	8.000	3.200	0.400	5.7	24.02
3364	40.2198	116.4631	-313.0	318	OV3	0	0	0	0	74	26.8	1619	32	121	105	3.781	1.152	0.305	5.6	24.01
3365	40.2201	116.4631	-312.4	324	OV3	0	0	0	0	75	26.9	1627	38	72	161	1.895	0.447	0.236	5.5	24.01
3366	40.2205	116.4631	-313.1	330	OV3	0	0	0	0	74	27.0	1655	40	84	160	2.100	0.525	0.250	5.5	24.01
3367	40.2208	116.4631	-312.7	335	OV3	0	0	0	0	72	27.1	1731	42	92	151	2.190	0.609	0.278	5.6	24.00
3368	40.2211	116.4631	-312.6	336	OV3	0	0	0	0	68	27.1	1725	37	163	114	4.405	1.430	0.325	5.5	23.99
3369	40.2215	116.4631	-312.6	335	OV3	0	0	0	0	81	27.1	1691	60	34	166	0.567	0.205	0.361	5.5	23.98
3370	40.2218	116.4631	-312.0	337	OV3	0	0	0	0	71	27.1	1699	23	84	177	3.652	0.475	0.130	5.4	23.98
3371	40.2221	116.4631	-313.1	349	OV3	0	0	0	0	70	27.3	1709	39	74	159	1.897	0.465	0.245	5.4	23.97
3372	40.2224	116.4631	-311.2	351	OV3	0	0	0	0	72	27.3	1739	31	156	118	5.032	1.322	0.263	5.4	23.96
3373	40.2228	116.4631	-310.9	347	OV3	0	0	0	0	81	27.3	1676	43	77	150	1.791	0.513	0.287	5.4	23.96
3374	40.2231	116.4631	-309.4	338	OV3	0	0	0	0	86	27.1	1573	27	152	128	5.630	1.188	0.211	5.3	23.96
3375	40.2234	116.4631	-309.5	323	OV3	0	0	0	0	74	26.9	1508	36	108	97	3.000	1.113	0.371	5.3	23.95
3376	40.2237	116.4631	-309.7	319	OV3	0	0	0	0	69	28.0	1483	33	48	152	1.455	0.316	0.217	5.2	23.95
3377	40.2241	116.4631	-310.8	327	OV3	0	0	0	0	63	28.2	1469	37	77	95	2.081	0.811	0.389	5.2	23.93
3378	40.2244	116.4631	-309.9	338	OV3	0	0	0	0	74	28.4	1409	23	65	141	2.826	0.461	0.163	5.1	23.93
3379	40.2247	116.4631	-308.2	350	OV3	0	0	0	0	70	28.6	1484	30	104	91	3.467	1.143	0.330	5.0	23.92
3380	40.2251	116.4631	-309.3	366	SE	0	0	0	0	75	28.9	1440	27	122	89	4.519	1.371	0.303	4.9	23.92
3381	40.2254	116.4631	-307.2	371	SE	0	0	0	0	73	29.0	1534	33	135	47	4.091	2.872	0.702	4.8	23.91
3382	40.2257	116.4631	-306.8	371	SE	0	0	0	0	82	29.0	1658	29	150	103	5.172	1.456	0.282	4.7	23.91
3383	40.2260	116.4631	-304.3	367	SE	0	0	0	0	71	28.9	1610	33	85	129	2.576	0.659	0.256	4.6	23.90
3384	40.2264	116.4631	-306.1	360	SE	0	0	0	0	74	28.8	1598	53	35	134	0.660	0.261	0.396	4.6	23.90
3385	40.2267	116.4630	-306.3	355	SE	0	0	0	0	76	28.7	1730	46	56	155	1.217	0.361	0.297	4.5	23.89
3386	40.2270	116.4630	-306.3	339	SE	0	0	0	0	80	28.4	1600	37	71	153	1.919	0.434	0.242	4.3	23.88
3387	40.2273	116.4630	-305.9	328	SE	0	0	0	0	72	28.2	1616	19	107	125	5.944	0.856	0.144	4.2	23.88
3388	40.2277	116.4630	-306.6	320	SE	0	0	0	0	69	28.0	1622	37	104	134	3.059	0.776	0.254	4.2	23.88
3389	40.2280	116.4630	-304.3	314	SE	0	0	0	0	67	27.9	1550	36	119	123	3.306	0.967	0.293	4.1	23.87
3390	40.2283	116.4630	-303.0	313	SE	0	0	0	0	68	27.9	1592	41	136	113	3.317	1.204	0.363	4.0	23.87
3391	40.2287	116.4630	-303.2	318	SE	0	0	0	0	61	28.0	1714	24	222	85	9.250	2.612	0.282	3.9	23.86
3392	40.2290	116.4630	-302.1	315	SE	0	0	0	0	71	27.9	1707	29	186	106	6.414	1.755	0.274	3.8	23.85
3393	40.2293	116.4630	-300.6	313	SE	0	0	0	0	81	27.9	1757	44	98	150	2.227	0.653	0.293	3.7	23.85

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3394	40.2296	116.4630	-301.6	301	SE	0	0	0	0	81	27.7	1735	28	164	131	5.857	1.252	0.214	3.6	23.84
3395	40.2300	116.4630	-299.6	291	SE	0	0	0	0	69	36.4	1801	30	143	134	4.767	1.067	0.224	3.5	23.84
3396	40.2303	116.4630	-299.7	272	SE	0	0	0	0	81	35.9	1669	31	156	88	5.032	1.773	0.352	3.4	23.83
3397	40.2306	116.4630	-298.0	255	SE	0	0	0	0	72	35.4	1615	42	121	105	2.881	1.152	0.400	3.4	23.82
3398	40.2310	116.4630	-297.9	232	SE	0	0	0	0	71	34.8	1541	30	144	81	4.800	1.778	0.370	3.3	23.82
3399	40.2313	116.4630	-297.0	214	SE	0	0	0	0	71	34.3	1678	26	166	115	6.385	1.443	0.226	3.2	23.82
3400	40.2316	116.4630	-297.0	206	OV3	0	0	0	0	74	34.1	1577	40	72	134	1.800	0.537	0.299	3.0	23.81
3401	40.2319	116.4630	-295.6	207	OV3	0	0	0	0	70	34.1	1508	32	165	68	5.156	2.426	0.471	3.0	23.80
3402	40.2323	116.4630	-294.5	21[illegible]	OV3	0	0	0	0	72	34.3	1384	41	64	125	1.561	0.512	0.328	2.8	23.79
3403	40.2326	116.4630	-292.9	222	OV3	0	0	0	0	74	34.5	1531	43	91	121	2.116	0.752	0.355	2.7	23.78
3404	40.2329	116.4630	-293.0	223	OV3	0	0	0	0	74	34.5	1526	38	106	116	2.789	0.914	0.328	2.6	23.77
3405	40.2332	116.4630	-290.9	234	OV3	0	0	0	0	76	34.8	1529	43	106	106	2.465	1.000	0.406	2.5	23.77
3406	40.2336	116.4630	-290.6	266	OV3	0	0	0	0	78	35.7	1583	37	106	116	2.865	0.914	0.319	2.4	23.75
3407	40.2339	116.4630	-289.6	283	OV3	0	0	0	0	74	36.1	1613	28	134	118	4.786	1.136	0.237	2.2	23.74
3408	40.2342	116.4630	-287.5	289	OV3	0	0	0	0	73	36.3	1609	35	138	77	3.943	1.792	0.455	2.1	23.74
3409	40.2346	116.4630	-287.8	305	OV3	0	0	0	0	71	36.7	1634	44	45	129	1.023	0.349	0.341	1.9	23.74
3410	40.2349	116.4630	-284.0	325	OV3	0	0	0	0	84	37.2	1528	49	91	87	1.857	1.046	0.563	1.8	23.74
3411	40.2352	116.4630	-282.0	351	OV3	0	0	0	0	69	37.9	1612	24	116	93	4.833	1.247	0.258	1.8	23.74
3412	40.2355	116.4630	-280.0	370	OV3	0	0	0	0	78	38.3	1619	45	70	120	1.556	0.583	0.375	1.6	23.73
3413	40.2359	116.4630	-278.7	364	OV3	0	0	0	0	81	38.2	1561	28	102	114	3.643	0.895	0.246	1.5	23.72
3414	40.2362	116.4630	-277.8	352	OV3	0	0	0	0	69	40.4	1522	30	71	114	2.367	0.623	0.263	1.4	23.72
3415	40.2365	116.4630	-275.1	337	OV3	0	0	0	0	70	40.0	1489	29	49	154	1.690	0.318	0.188	1.3	23.72
3416	40.2368	116.4630	-274.5	315	OV3	0	0	0	0	76	39.4	1456	33	63	116	1.909	0.543	0.284	1.2	23.71
3417	40.2372	116.4630	-273.3	297	OV3	0	0	0	0	75	38.9	1481	50	59	74	1.180	0.797	0.676	1.1	23.70
3418	40.2375	116.4630	-271.7	299	OV3	0	0	0	0	78	39.0	1445	27	106	106	3.926	1.000	0.255	1.0	23.69
3419	40.2378	116.4630	-269.6	303	OV3	0	0	0	0	69	39.1	1453	35	111	98	3.171	1.133	0.357	0.8	23.69
3420	40.2382	116.4630	-267.4	320	OV3	0	0	0	0	74	39.5	1583	42	85	142	2.024	0.599	0.296	0.8	23.69
3421	40.2385	116.4630	-267.6	342	OV3	0	0	0	0	69	40.1	1663	52	52	124	1.000	0.419	0.419	0.7	23.68
3422	40.2388	116.4630	-264.1	363	OV3	0	0	0	0	82	40.7	1707	46	143	87	3.109	1.644	0.529	0.5	23.67
3423	40.2391	116.4630	-260.6	356	OV3	0	0	0	0	68	40.5	1565	33	77	145	2.333	0.531	0.228	0.5	23.67
3424	40.2395	116.4630	-256.9	347	OV3	0	0	0	0	79	40.2	1578	26	87	154	3.346	0.565	0.169	0.4	23.66
3425	40.2398	116.4630	-256.0	360	OV3	0	0	0	0	74	40.6	1594	37	98	125	2.649	0.784	0.296	0.4	23.66
3426	40.2401	116.4630	-253.6	367	OV3	0	0	0	0	75	40.8	1592	50	74	121	1.480	0.612	0.413	0.4	23.65
3427	40.2405	116.4630	-250.1	379	OV3	0	0	0	0	82	41.0	1722	27	96	158	3.556	0.608	0.171	0.3	23.65
3428	40.2408	116.4630	-246.2	398	OV3	0	0	0	0	70	41.5	1628	42	107	117	2.548	0.915	0.359	0.2	23.64
3429	40.2411	116.4630	-245.1	402	OV3	0	0	0	0	82	41.6	1619	29	83	142	2.862	0.585	0.204	0.2	23.63
3430	40.2414	116.4630	-243.1	416	OV3	0	0	0	0	75	42.0	1737	39	91	172	2.333	0.529	0.227	0.2	23.63
3431	40.2418	116.4630	-241.8	422	OV3	0	0	0	0	78	42.1	1830	51	159	140	3.118	1.136	0.364	0.2	23.62
3432	40.2421	116.4630	-239.3	412	OV3	0	0	0	0	76	41.9	1847	44	115	180	2.614	0.639	0.244	0.2	23.61
3433	40.2424	116.4630	-237.1	394	OV3	0	0	0	0	78	44.1	1892	35	112	193	3.200	0.580	0.181	0.2	23.60
3434	40.2427	116.4630	-234.4	376	OV3	0	0	0	0	77	43.6	1829	59	87	176	1.475	0.494	0.335	0.2	23.59
3435	40.2431	116.4630	-231.7	362	OV3	0	0	0	0	89	43.3	1774	41	131	146	3.195	0.897	0.281	0.1	23.58
3436	40.2434	116.4630	-229.2	361	OV3	0	0	0	0	81	43.2	1648	45	106	110	2.356	0.964	0.409	0.1	23.57
3437	40.2437	116.4630	-227.7	374	OV3	0	0	0	0	83	43.6	1640	42	97	112	2.310	0.866	0.375	0.1	23.56
3438	40.2441	116.4630	-225.0	397	OV3	0	0	0	0	78	44.2	1741	32	96	146	3.000	0.658	0.219	0.1	23.55
3439	40.2444	116.4630	-224.8	407	OV3	0	0	0	0	75	44.4	1868	42	70	169	1.667	0.414	0.249	0.0	23.55
3440	40.2447	116.4630	-222.0	408	OV3	0	0	0	0	81	44.5	1774	41	146	117	3.561	1.248	0.350	0.0	23.54
3441	40.2450	116.4630	-221.3	422	OV3	0	0	0	0	74	44.8	1883	38	163	130	4.289	1.254	0.292	0.0	23.54
3442	40.2454	116.4630	-219.5	447	OV3	0	0	0	0	68	45.5	1917	24	211	126	8.792	1.675	0.190	-0.2	23.53
3443	40.2457	116.4630	-216.9	456	OV3	0	0	0	0	72	45.7	1936	45	100	180	2.222	0.556	0.250	-0.2	23.52
3444	40.2460	116.4630	-214.9	447	OV3	0	0	0	0	73	45.4	1938	34	72	230	2.118	0.313	0.148	-0.3	23.52
3445	40.2463	116.4630	-215.9	440	OV3	0	0	0	0	73	45.3	1928	45	92	198	2.044	0.465	0.227	-0.3	23.51
3446	40.2467	116.4630	-214.0	450	OV3	0	0	0	0	77	45.5	1999	52	171	128	3.288	1.336	0.406	-0.4	23.50
3447	40.2470	116.4630	-214.8	463	OV3	0	0	0	0	88	45.8	2153	55	75	169	1.364	0.444	0.325	-0.5	23.50

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3448	40.2473	116.4630	-214.7	465	OV3	0	0	0	0	77	45.9	2081	28	169	168	6.036	1.006	0.167	-0.5	23.50
3449	40.2477	116.4630	-211.5	457	OV3	0	0	0	0	81	45.7	2047	40	95	238	2.375	0.399	0.168	-0.6	23.49
3450	40.2480	116.4630	-213.3	466	OV3	0	0	0	0	76	45.9	1956	42	88	215	2.095	0.409	0.195	-0.7	23.49
3451	40.2483	116.4630	-211.3	485	OV3	0	0	0	0	77	46.4	2089	54	75	215	1.389	0.349	0.251	-0.7	23.49
3452	40.2486	116.4630	-212.5	487	OV3	0	0	0	0	74	38.6	1896	23	153	147	6.652	1.041	0.156	-0.8	23.49
3453	40.2490	116.4630	-212.0	482	OV3	0	0	0	0	73	38.4	1781	28	134	144	4.786	0.931	0.194	-0.9	23.49
3454	40.2493	116.4630	-214.2	452	OV3	0	0	0	0	80	37.8	1720	34	126	96	3.706	1.313	0.354	-1.0	23.49
3455	40.2496	116.4630	-213.1	423	OV3	0	0	0	0	84	37.3	1542	32	48	144	1.500	0.333	0.222	-1.0	23.49
3456	40.2499	116.4629	-216.4	399	OV3	0	0	0	0	74	36.7	1464	23	117	150	5.087	0.780	0.153	-1.0	23.49
3457	40.2503	116.4629	-216.9	396	OV3	0	0	0	0	82	36.7	1588	34	137	77	4.029	1.779	0.442	-1.1	23.48
3458	40.2506	116.4629	-217.7	409	OV3	0	0	0	0	84	36.9	1618	40	63	174	1.575	0.362	0.230	-1.1	23.48
3459	40.2509	116.4629	-218.9	413	OV3	0	0	0	0	78	37.0	1618	49	135	91	2.755	1.484	0.538	-1.1	23.47
3460	40.2513	116.4629	-221.5	393	OV3	0	0	0	0	79	36.6	1816	48	131	134	2.729	0.978	0.358	-1.1	23.47
3461	40.2516	116.4629	-222.3	350	OV3	0	0	0	0	78	35.6	1728	29	71	187	2.448	0.380	0.155	-1.2	23.47
3462	40.2519	116.4629	-222.3	311	OV3	0	0	0	0	82	34.7	1738	21	188	168	8.952	1.119	0.125	-1.3	23.47
3463	40.2522	116.4629	-224.2	284	OV3	0	0	0	0	66	34.1	1717	29	173	156	5.966	1.109	0.186	-1.3	23.47
3464	40.2526	116.4629	-225.7	276	OV3	0	0	0	0	76	33.9	1860	36	181	181	5.028	1.000	0.199	-1.2	23.47
3465	40.2529	116.4629	-227.0	286	OV3	0	0	0	0	62	34.1	1810	50	120	172	2.400	0.698	0.291	-1.3	23.47
3466	40.2532	116.4629	-228.1	296	OV3	0	0	0	0	73	34.4	1809	42	94	183	2.238	0.514	0.230	-1.3	23.47
3467	40.2536	116.4629	-230.0	296	OV3	0	0	0	0	90	34.4	1767	42	102	158	2.429	0.646	0.266	-1.3	23.47
3468	40.2539	116.4629	-229.3	286	OV3	0	0	0	0	76	34.1	1708	32	187	142	5.844	1.317	0.225	-1.3	23.47
3469	40.2542	116.4629	-225.0	280	OV3	0	0	0	0	83	34.0	1617	40	114	129	2.850	0.884	0.310	-1.3	23.47
3470	40.2545	116.4629	-231.1	296	OV3	0	0	0	0	78	34.4	1707	40	128	144	3.200	0.889	0.278	-1.3	23.47
3471	40.2549	116.4629	-230.6	310	OV3	0	0	0	0	78	33.1	1692	42	163	142	3.881	1.148	0.296	-1.3	23.47
3472	40.2552	116.4629	-233.0	325	OV3	0	0	0	0	72	33.5	1695	35	196	130	5.600	1.508	0.269	-1.3	23.48
3473	40.2555	116.4629	-234.5	340	OV3	0	0	0	0	85	33.8	1824	53	120	144	2.264	0.833	0.368	-1.3	23.48
3474	40.2558	116.4629	-234.6	353	OV3	0	0	0	0	79	34.1	1918	46	107	177	2.326	0.605	0.260	-1.3	23.48
3475	40.2562	116.4629	-236.4	364	OV3	0	0	0	0	83	34.3	1943	41	165	152	4.024	1.086	0.270	-1.4	23.48
3476	40.2565	116.4629	-237.5	376	OV3	0	0	0	0	74	34.6	1999	54	133	161	2.463	0.826	0.335	-1.4	23.49
3477	40.2568	116.4629	-238.4	385	OV3	0	0	0	0	79	34.8	2034	41	108	182	2.634	0.593	0.225	-1.4	23.49
3478	40.2572	116.4629	-241.0	393	OV3	0	0	0	0	70	35.0	1970	53	112	173	2.113	0.647	0.306	-1.4	23.49
3479	40.2575	116.4629	-241.1	398	OV3	0	0	0	0	70	35.0	1997	39	197	113	5.051	1.743	0.345	-1.4	23.49
3480	40.2578	116.4629	-244.3	402	SE	0	0	0	0	90	35.1	2035	25	127	240	5.080	0.529	0.104	-1.4	23.49
3481	40.2581	116.4629	-247.3	425	SE	0	0	0	0	85	35.6	2117	39	154	209	3.949	0.737	0.187	-1.4	23.49
3482	40.2585	116.4629	-252.0	449	SE	0	0	0	0	87	36.1	2247	53	174	173	3.283	1.006	0.306	-1.4	23.50
3483	40.2588	116.4629	-255.7	444	SE	0	0	0	0	65	36.0	2080	53	133	203	2.509	0.655	0.261	-1.5	23.50
3484	40.2591	116.4629	-256.8	422	SE	0	0	0	0	81	35.5	2114	42	145	156	3.452	0.929	0.269	-1.4	23.50
3485	40.2594	116.4629	-258.4	398	SE	0	0	0	0	77	35.1	2070	62	191	108	3.081	1.769	0.574	-1.5	23.51
3486	40.2598	116.4629	-262.3	379	SE	0	0	0	0	75	34.7	1994	35	141	199	4.029	0.709	0.176	-1.5	23.51
3487	40.2601	116.4629	-263.7	382	SE	0	0	0	0	78	34.7	2162	36	118	220	3.278	0.536	0.164	-1.5	23.51
3488	40.2604	116.4629	-261.5	400	SE	0	0	0	0	83	35.1	2337	45	129	261	2.867	0.494	0.172	-1.6	23.52
3489	40.2608	116.4629	-262.9	398	SE	0	0	0	0	72	35.1	2253	38	205	243	5.395	0.844	0.156	-1.6	23.52
3490	40.2611	116.4629	-263.2	386	SE	0	0	0	0	82	31.0	2138	34	150	251	4.412	0.598	0.135	-1.6	23.52
3491	40.2614	116.4629	-264.1	393	SE	0	0	0	0	76	31.1	2157	32	172	264	5.375	0.652	0.121	-1.6	23.53
3492	40.2617	116.4629	-264.5	417	SE	0	0	0	0	76	31.5	2187	44	146	248	3.318	0.589	0.177	-1.6	23.53
3493	40.2621	116.4629	-264.8	438	SE	0	0	0	0	84	31.9	2082	45	109	235	2.422	0.464	0.191	-1.6	23.54
3494	40.2624	116.4629	-266.1	460	SE	0	0	0	0	82	32.3	1991	37	141	175	3.811	0.806	0.211	-1.6	23.55
3495	40.2627	116.4629	-267.3	486	SE	0	0	0	0	69	32.7	1950	40	88	241	2.200	0.365	0.166	-1.7	23.56
3496	40.2631	116.4629	-265.1	492	SE	0	0	0	0	68	32.8	1954	51	78	193	1.529	0.404	0.264	-1.7	23.56
3497	40.2634	116.4629	-266.3	491	SE	0	0	0	0	81	32.8	1953	41	166	137	4.049	1.212	0.299	-1.7	23.57
3498	40.2637	116.4629	-267.2	494	SE	0	0	0	0	72	32.9	1965	36	144	160	4.000	0.900	0.225	-1.7	23.58
3499	40.2640	116.4629	-268.2	496	SE	0	0	0	0	84	32.9	1814	46	123	125	2.674	0.984	0.368	-1.6	23.58
3500	40.2644	116.4629	-270.3	498	SE	0	0	0	0	69	32.9	1851	55	110	121	2.000	0.909	0.455	-1.6	23.58
3501	40.2647	116.4629	-269.2	501	SE	0	0	0	0	83	33.0	1834	33	195	89	5.909	2.191	0.371	-1.5	23.59

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3502	40.2650	116.4629	-269.3	509	SE	0	0	0	0	72	33.1	1877	48	70	161	1.458	0.435	0.298	-1.5	23.58
3503	40.2653	116.4629	-271.6	497	SE	0	0	0	0	80	32.9	1807	78	78	115	1.000	0.678	0.678	-1.5	23.59
3504	40.2657	116.4629	-270.1	494	SE	0	0	0	0	78	32.8	1705	24	123	122	5.125	1.008	0.197	-1.4	23.59
3505	40.2660	116.4629	-271.9	478	OV3	0	0	0	0	81	32.6	1684	46	41	189	0.891	0.217	0.243	-1.4	23.60
3506	40.2663	116.4629	-273.4	469	OV3	0	0	0	0	83	32.4	1694	51	120	106	2.353	1.132	0.481	-1.4	23.61
3507	40.2667	116.4629	-273.5	477	OV3	0	0	0	0	76	32.6	1652	17	115	157	6.765	0.732	0.108	-1.3	23.61
3508	40.2670	116.4629	-274.3	487	OV3	0	0	0	0	76	32.7	1743	52	65	139	1.250	0.468	0.374	-1.2	23.61
3509	40.2673	116.4629	-275.7	490	OV3	0	0	1	0	82	36.8	1788	57	25	141	0.439	0.177	0.404	-1.2	23.62
3510	40.2676	116.4629	-276.9	490	OV3	0	0	0	0	77	36.8	1791	24	95	162	3.958	0.586	0.148	-1.1	23.63
3511	40.2680	116.4629	-277.5	478	OV3	0	0	0	0	71	36.6	1740	42	63	148	1.500	0.426	0.284	-1.0	23.64
3512	40.2683	116.4629	-278.4	448	OV3	0	0	0	0	85	36.0	1764	28	151	120	5.393	1.258	0.233	-1.0	23.65
3513	40.2686	116.4629	-278.9	411	OV3	0	0	0	0	77	35.3	1686	55	117	88	2.127	1.330	0.625	-0.9	23.66
3514	40.2689	116.4629	-280.3	385	OV3	0	0	0	0	80	34.7	1672	25	104	140	4.160	0.743	0.179	-0.9	23.66
3515	40.2693	116.4629	-283.2	384	OV3	0	0	0	0	68	34.7	1651	38	94	141	2.474	0.667	0.270	-0.8	23.66
3516	40.2696	116.4629	-283.2	403	OV3	0	0	0	0	73	35.1	1569	22	159	110	7.227	1.445	0.200	-0.7	23.66
3517	40.2699	116.4629	-288.5	426	OV3	0	0	0	0	71	35.6	1567	40	114	120	2.850	0.950	0.333	-0.6	23.66
3518	40.2703	116.4629	-287.6	434	OV3	0	0	0	0	73	35.7	1598	39	131	70	3.359	1.871	0.557	-0.6	23.66
3519	40.2706	116.4629	-291.9	417	OV3	0	0	0	0	76	35.4	1548	38	61	130	1.605	0.469	0.292	-0.5	23.67
3520	40.2709	116.4629	-293.3	395	OV3	0	0	0	0	78	35.0	1523	27	99	115	3.667	0.861	0.235	-0.5	23.68
3521	40.2712	116.4629	-294.2	389	OV3	0	0	0	0	72	34.8	1561	25	93	142	3.720	0.655	0.176	-0.4	23.68
3522	40.2716	116.4629	-298.9	393	OV3	0	0	0	0	68	34.9	1575	45	142	82	3.156	1.732	0.549	-0.3	23.67
3523	40.2719	116.4629	-300.7	406	OV3	0	0	0	0	63	35.2	1557	38	133	91	3.500	1.462	0.418	-0.3	23.67
3524	40.2722	116.4629	-303.7	424	OV3	0	0	0	0	80	35.5	1548	23	75	124	3.261	0.605	0.185	-0.2	23.68
3525	40.2726	116.4629	-305.5	443	OV3	0	0	0	0	66	35.9	1667	45	105	78	2.333	1.346	0.577	0.0	23.69
3526	40.2729	116.4629	-304.4	450	OV3	0	0	0	0	75	36.1	1779	29	143	127	4.931	1.126	0.228	0.0	23.69
3527	40.2732	116.4628	-309.9	445	OV3	0	0	0	0	76	35.9	1780	39	134	128	3.436	1.047	0.305	0.0	23.70
3528	40.2735	116.4628	-310.0	416	OV3	0	0	0	0	77	39.4	1630	36	130	99	3.611	1.313	0.364	0.1	23.71
3529	40.2739	116.4628	-312.2	414	OV3	0	0	0	0	73	39.4	1759	51	91	130	1.784	0.700	0.392	0.2	23.72
3530	40.2742	116.4628	-314.7	412	OV3	0	0	0	0	73	39.3	1772	46	142	114	3.087	1.246	0.404	0.3	23.72
3531	40.2745	116.4628	-316.2	369	OV3	0	0	0	0	76	38.3	1705	41	96	157	2.341	0.611	0.261	0.4	23.73
3532	40.2748	116.4628	-317.8	350	OV3	0	0	0	0	82	37.9	1718	41	138	125	3.366	1.104	0.328	0.5	23.74
3533	40.2752	116.4628	-318.2	360	OV3	0	0	0	0	75	38.1	1680	44	115	154	2.614	0.747	0.286	0.6	23.74
3534	40.2755	116.4628	-324.8	365	OV3	0	0	0	0	70	38.2	1852	27	148	147	5.481	1.007	0.184	0.7	23.74
3535	40.2758	116.4628	-323.8	359	OV3	0	0	0	0	85	38.1	1741	44	130	123	2.955	1.057	0.358	0.8	23.74
3536	40.2762	116.4628	-327.5	350	OV3	0	0	0	0	80	37.9	1756	28	147	131	5.250	1.122	0.214	0.9	23.74
3537	40.2765	116.4628	-327.3	333	OV3	0	0	0	0	73	37.5	1766	54	84	145	1.556	0.579	0.372	1.1	23.74
3538	40.2768	116.4628	-328.8	334	OV3	0	0	0	0	77	37.5	1757	36	132	132	3.667	1.000	0.273	1.1	23.74
3539	40.2771	116.4628	-328.8	346	OV3	0	0	0	0	81	37.8	1734	38	144	125	3.789	1.152	0.304	1.3	23.75
3540	40.2775	116.4628	-329.9	366	OV3	0	0	0	0	72	38.2	1736	46	134	109	2.913	1.229	0.422	1.4	23.75
3541	40.2778	116.4628	-330.6	361	OV3	0	0	0	0	80	38.1	1785	47	99	149	2.250	0.664	0.295	1.6	23.75
3542	40.2781	116.4628	-332.2	339	OV3	0	0	0	0	77	37.6	1766	43	98	141	2.279	0.695	0.305	1.7	23.75
3543	40.2784	116.4628	-332.0	322	OV3	0	0	0	0	70	37.2	1711	40	136	158	3.400	0.861	0.253	1.7	23.76
3544	40.2788	116.4628	-331.9	329	OV3	0	0	0	0	87	37.3	1752	50	124	121	2.480	1.025	0.413	1.8	23.75
3545	40.2791	116.4628	-335.0	310	OV3	0	0	0	0	80	36.9	1770	46	116	137	2.522	0.847	0.336	1.9	23.75
3546	40.2794	116.4628	-334.7	305	OV3	0	0	0	0	68	36.8	1844	45	155	142	3.444	1.092	0.317	2.0	23.74
3547	40.2798	116.4628	-333.0	316	OV3	0	0	0	0	76	35.8	1987	37	116	193	3.135	0.601	0.192	2.2	23.74
3548	40.2801	116.4628	-335.8	340	OV3	0	0	0	0	73	36.3	2059	42	204	152	4.857	1.342	0.276	2.3	23.73
3549	40.2804	116.4628	-334.2	368	OV3	0	0	0	0	78	37.0	2237	67	90	223	1.343	0.404	0.300	2.4	23.73
3550	40.2808	116.4628	-336.2	368	OV3	0	0	0	0	78	37.0	2177	65	55	264	0.846	0.208	0.246	2.4	23.72
3551	40.2812	116.4628	-335.6	343	OV3	0	0	0	0	72	36.4	1899	58	82	179	1.414	0.458	0.324	2.5	23.72
3552	40.2816	116.4628	-336.1	336	OV3	0	0	0	0	65	36.2	1877	29	130	170	4.483	0.765	0.171	2.6	23.72
3553	40.2820	116.4628	-336.4	331	OV3	0	0	0	0	77	36.1	1764	45	113	115	2.511	0.983	0.391	2.7	23.71
3554	40.2824	116.4628	-336.7	328	OV3	0	0	0	0	82	36.0	1620	43	113	117	2.628	0.966	0.368	2.8	23.70
3555	40.2829	116.4628	-338.7	325	OV3	0	0	0	0	76	36.0	1575	37	95	150	2.514	0.620	0.247	2.9	23.70

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3556	40.2833	116.4628	-338.4	321	OV3	0	0	0	0	66	35.9	1560	44	47	160	1.068	0.294	0.275	3.0	23.69
3557	40.2837	116.4628	-335.9	319	OV3	0	0	0	0	70	35.8	1620	37	66	139	1.784	0.475	0.266	3.1	23.68
3558	40.2841	116.4628	-337.8	324	OV3	0	0	0	0	71	36.0	1621	30	128	127	4.267	1.008	0.236	3.2	23.67
3559	40.2845	116.4627	-336.7	334	OV3	0	0	0	0	77	36.2	1611	35	113	104	3.229	1.087	0.337	3.2	23.66
3560	40.2849	116.4627	-337.6	351	OV3	0	0	0	0	78	36.6	1568	26	102	126	3.923	0.810	0.206	3.3	23.66
3561	40.2853	116.4627	-337.0	358	OV3	0	0	0	0	82	36.8	1664	30	170	69	5.667	2.464	0.435	3.5	23.65
3562	40.2857	116.4627	-337.8	380	OV3	0	0	0	0	83	37.3	1571	39	80	156	2.051	0.513	0.250	3.6	23.63
3563	40.2861	116.4627	-336.5	382	OV3	0	0	0	0	76	37.3	1652	36	85	119	2.361	0.714	0.303	3.6	23.63
3564	40.2865	116.4627	-335.6	371	OV3	0	0	0	0	76	37.1	1634	27	135	103	5.000	1.311	0.262	3.7	23.61
3565	40.2869	116.4627	-338.1	369	OV3	0	0	0	0	71	37.0	1591	25	90	124	3.600	0.726	0.202	3.8	23.60
3566	40.2873	116.4627	-337.5	377	OV3	0	0	0	0	72	35.2	1670	19	177	121	9.316	1.463	0.157	3.9	23.58
3567	40.2877	116.4627	-337.9	376	OV3	0	0	0	0	67	35.1	1676	30	116	109	3.867	1.064	0.275	3.9	23.56
3568	40.2881	116.4627	-336.2	369	OV3	0	0	0	0	77	35.0	1607	36	127	90	3.528	1.411	0.400	3.9	23.54
3569	40.2885	116.4627	-335.0	364	OV3	0	0	0	0	70	34.9	1601	30	153	66	5.100	2.318	0.455	4.0	23.54
3570	40.2890	116.4627	-336.8	352	OV3	0	0	0	0	71	34.6	1639	37	108	143	2.919	0.755	0.259	4.0	23.53
3571	40.2894	116.4627	-336.2	333	OV3	0	0	0	0	74	34.2	1596	30	149	92	4.967	1.620	0.326	3.9	23.52
3572	40.2898	116.4627	-335.2	326	OV3	0	0	0	0	73	34.1	1581	26	152	88	5.846	1.727	0.295	3.9	23.51
3573	40.2902	116.4626	-336.4	334	OV3	0	0	0	0	76	34.2	1622	25	94	144	3.760	0.653	0.174	3.9	23.49
3574	40.2906	116.4626	-335.3	345	OV3	0	0	0	0	77	34.5	1659	41	79	155	1.927	0.510	0.265	3.9	23.46
3575	40.2910	116.4626	-336.2	350	OV3	0	0	0	0	82	34.6	1569	38	82	113	2.158	0.726	0.336	3.9	23.45
3576	40.2914	116.4626	-335.1	359	OV3	0	0	0	0	82	34.8	1611	30	87	141	2.900	0.617	0.213	3.8	23.44
3577	40.2918	116.4626	-335.5	369	OV3	0	0	0	0	75	35.0	1544	28	156	83	5.571	1.880	0.337	3.8	23.44
3578	40.2922	116.4626	-334.1	384	OV3	0	0	0	0	77	35.3	1598	46	78	101	1.696	0.772	0.455	3.8	23.44
3579	40.2926	116.4626	-334.1	384	OV3	0	0	0	0	87	35.3	1560	33	47	134	1.424	0.351	0.246	3.8	23.42
3580	40.2930	116.4626	-332.7	362	OV3	0	0	0	0	75	34.8	1540	31	65	98	2.097	0.663	0.316	3.7	23.41
3581	40.2934	116.4626	-334.0	332	OV3	0	0	0	0	79	34.2	1451	20	99	97	4.950	1.021	0.206	3.6	23.40
3582	40.2938	116.4626	-332.9	308	OV3	0	0	0	0	79	33.6	1457	31	53	126	1.710	0.421	0.246	3.5	23.40
3583	40.2942	116.4626	-333.0	285	OV3	0	0	0	0	80	33.1	1413	40	56	97	1.400	0.577	0.412	3.4	23.38
3584	40.2946	116.4626	-334.1	270	OV3	0	0	0	0	91	32.7	1353	33	70	87	2.121	0.805	0.379	3.3	23.36
3585	40.2951	116.4626	-333.2	262	OV3	0	0	1	0	77	32.7	1415	46	22	110	0.478	0.200	0.418	3.2	23.34
3586	40.2955	116.4626	-332.2	261	OV3	0	0	0	0	81	32.7	1425	23	51	124	2.217	0.411	0.185	3.1	23.34
3587	40.2959	116.4625	-332.8	273	OV3	0	0	0	0	72	33.0	1461	29	104	87	3.586	1.195	0.333	3.0	23.33
3588	40.2963	116.4625	-331.9	285	OV3	0	0	0	0	92	33.3	1511	46	41	121	0.891	0.339	0.380	2.9	23.32
3589	40.2967	116.4625	-332.5	301	OV3	0	0	0	0	77	33.7	1558	42	63	123	1.500	0.512	0.341	2.8	23.31
3590	40.2971	116.4625	-330.2	333	OV3	0	0	0	0	90	34.4	1616	26	132	97	5.077	1.361	0.268	2.8	23.31
3591	40.2975	116.4625	-329.8	376	OV3	0	0	0	0	78	35.4	1651	33	126	94	3.818	1.340	0.351	2.6	23.30
3592	40.2979	116.4625	-330.8	407	OV3	0	0	0	0	79	36.0	1706	34	145	112	4.265	1.295	0.304	2.5	23.30
3593	40.2983	116.4625	-328.8	398	OV3	0	0	0	0	84	35.8	1572	29	72	162	2.483	0.444	0.179	2.4	23.31
3594	40.2987	116.4625	-329.1	391	OV3	0	0	0	0	78	35.7	1600	38	132	107	3.474	1.234	0.355	2.4	23.30
3595	40.2991	116.4625	-328.6	389	OV3	0	0	0	0	80	35.6	1561	43	26	127	0.605	0.205	0.339	2.3	23.30
3596	40.2995	116.4625	-329.3	391	OV3	0	0	1	0	81	35.7	1556	31	13	167	0.419	0.078	0.186	2.3	23.30
3597	40.2999	116.4625	-329.2	408	OV3	0	0	0	0	91	36.1	1604	29	93	114	3.207	0.816	0.254	2.2	23.30
3598	40.3003	116.4625	-329.8	448	OV3	0	0	0	0	84	36.9	1658	29	106	117	3.655	0.906	0.248	2.1	23.29
3599	40.3007	116.4625	-326.2	487	OV3	0	0	0	0	77	37.6	1697	37	57	154	1.541	0.370	0.240	2.0	23.28
3600	40.3012	116.4625	-325.9	496	OV3	0	0	0	0	81	37.8	1660	36	76	120	2.111	0.633	0.300	2.0	23.29
3601	40.3016	116.4624	-322.8	496	OV3	0	0	0	0	94	37.8	1769	46	96	87	2.087	1.103	0.529	1.9	23.29
3602	40.3020	116.4624	-323.3	499	OV3	0	0	0	0	83	37.9	1641	45	33	127	0.733	0.260	0.354	1.8	23.29
3603	40.3024	116.4624	-323.1	513	OV3	0	0	0	0	84	38.1	1561	42	67	69	1.595	0.971	0.609	1.8	23.29
3604	40.3028	116.4624	-323.9	512	OV3	0	0	0	0	84	37.6	1577	35	42	115	1.200	0.365	0.304	1.7	23.29
3605	40.3032	116.4624	-324.7	503	OV3	0	0	1	0	83	37.5	1516	36	1	123	0.028	0.008	0.293	1.6	23.29
3606	40.3036	116.4624	-323.5	489	OV3	0	0	0	0	84	37.2	1539	31	44	95	1.419	0.463	0.326	1.4	23.28
3607	40.3040	116.4624	-324.2	459	OV3	0	0	1	0	70	36.6	1453	23	23	129	1.000	0.178	0.178	1.4	23.28
3608	40.3044	116.4624	-320.9	436	OV3	0	0	0	0	70	36.2	1458	33	51	96	1.545	0.531	0.344	1.3	23.27
3609	40.3048	116.4624	-322.6	408	OV3	0	0	1	0	80	35.6	1425	50	12	93	0.240	0.129	0.538	1.1	23.26

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3610	40.3052	116.4624	-321.6	370	OV3	0	0	1	0	74	34.8	1358	31	8	114	0.258	0.070	0.272	1.0	23.26
3611	40.3056	116.4624	-320.5	330	OV3	0	0	1	0	82	33.9	1436	45	18	113	0.400	0.159	0.398	0.9	23.25
3612	40.3060	116.4624	-322.7	293	OV3	0	0	0	0	90	33.1	1273	30	70	55	2.333	1.273	0.545	0.8	23.24
3613	40.3064	116.4624	-320.4	265	OV3	0	0	0	0	80	32.4	1130	18	79	81	4.389	0.975	0.222	0.6	23.23
3614	40.3068	116.4624	-319.9	262	OV3	0	0	0	0	81	32.3	1174	39	38	64	0.974	0.594	0.609	0.5	23.22
3615	40.3073	116.4623	-317.9	298	OV3	0	0	0	0	87	33.2	1240	23	65	72	2.826	0.903	0.319	0.4	23.20
3616	40.3077	116.4623	-317.8	360	OV3	0	0	1	0	85	34.6	1214	28	-9	137	-0.321	-0.066	0.204	0.3	23.18
3617	40.3081	116.4623	-318.8	420	OV3	0	0	0	0	85	35.9	1440	24	75	97	3.125	0.773	0.247	0.2	23.17
3618	40.3085	116.4623	-318.6	473	OV3	0	0	0	0	84	36.9	1583	28	74	104	2.643	0.712	0.269	0.1	23.17
3619	40.3089	116.4623	-317.2	492	OV3	0	0	0	0	94	37.3	1569	21	110	101	5.238	1.089	0.208	0.0	23.19
3620	40.3093	116.4623	-317.6	493	OV3	0	0	0	0	74	37.3	1421	37	85	87	2.297	0.977	0.425	0.0	23.19
3621	40.3097	116.4623	-315.6	493	OV3	0	0	0	0	84	37.3	1453	26	54	113	2.077	0.478	0.230	-0.2	23.20
3622	40.3101	116.4623	-315.3	498	OV3	0	0	0	0	89	37.4	1475	35	83	94	2.371	0.883	0.372	-0.2	23.21
3623	40.3105	116.4623	-313.6	514	OV3	0	0	0	0	87	32.0	1464	25	30	142	1.200	0.211	0.176	-0.3	23.21
3624	40.3109	116.4623	-312.4	537	OV3	0	0	0	0	83	32.4	1427	25	118	78	4.720	1.513	0.321	-0.4	23.22
3625	40.3113	116.4623	-313.9	570	OV3	0	0	1	0	85	32.9	1510	37	19	114	0.514	0.167	0.325	-0.4	23.22
3626	40.3117	116.4623	-312.4	595	OV3	0	0	0	0	78	33.3	1429	42	34	75	0.810	0.453	0.560	-0.5	23.23
3627	40.3121	116.4623	-311.8	595	OV3	0	0	0	0	77	33.2	1456	32	64	81	2.000	0.790	0.395	-0.5	23.24
3628	40.3125	116.4623	-312.1	596	OV3	0	0	1	0	71	33.3	1537	64	6	98	0.094	0.061	0.653	-0.6	23.25
3629	40.3129	116.4622	-314.2	580	OV3	0	0	0	0	72	33.0	1506	30	95	62	3.167	1.532	0.484	-0.6	23.26
3630	40.3134	116.4622	-307.9	581	OV3	0	0	0	0	74	33.0	1470	32	65	73	2.031	0.890	0.438	-0.7	23.27
3631	40.3138	116.4622	-305.7	573	OV3	0	0	0	0	78	32.9	1490	49	78	34	1.592	2.294	1.441	-0.7	23.28
3632	40.3142	116.4622	-306.6	580	OV3	0	0	0	0	87	33.0	1578	39	45	133	1.154	0.338	0.293	-0.7	23.30
3633	40.3146	116.4622	-307.8	548	OV3	0	0	0	0	78	32.6	1513	37	71	94	1.919	0.755	0.394	-0.8	23.32
3634	40.3150	116.4622	-306.4	510	OV3	0	0	0	0	82	32.0	1569	32	63	79	1.969	0.797	0.405	-0.7	23.33
3635	40.3154	116.4622	-307.2	498	OV3	0	0	0	0	88	31.8	1465	28	88	53	3.143	1.660	0.528	-0.7	23.34
3636	40.3158	116.4622	-305.4	495	OV3	0	0	0	0	76	31.7	1510	39	62	108	1.590	0.574	0.361	-0.7	23.35
3637	40.3162	116.4622	-305.2	495	OV3	0	0	0	0	85	31.7	1465	34	39	123	1.147	0.317	0.276	-0.8	23.36
3638	40.3166	116.4622	-304.4	496	OV3	0	0	0	0	88	31.8	1496	14	110	70	7.857	1.571	0.200	-0.8	23.37
3639	40.3170	116.4622	-303.4	491	OV3	0	0	0	0	84	31.7	1546	25	64	101	2.560	0.634	0.248	-0.8	23.38
3640	40.3174	116.4622	-300.6	463	OV3	0	0	0	0	76	31.2	1518	29	85	117	2.931	0.726	0.248	-0.8	23.39
3641	40.3178	116.4622	-299.4	422	QA1	0	0	1	0	84	30.5	1359	48	3	96	0.063	0.031	0.500	-0.8	23.40
3642	40.3182	116.4622	-302.5	384	QA1	0	0	0	0	79	23.9	1311	28	62	111	2.214	0.559	0.252	-0.8	23.41
3643	40.3186	116.4621	-300.7	352	QA1	0	0	0	0	79	23.5	1330	31	50	97	1.613	0.515	0.320	-0.8	23.42
3644	40.3190	116.4621	-299.1	335	QA1	0	0	0	0	72	23.2	1269	24	77	106	3.208	0.726	0.226	-0.9	23.43
3645	40.3195	116.4621	-295.2	342	QA1	0	0	0	0	82	23.3	1273	34	48	95	1.412	0.505	0.358	-0.8	23.44
3646	40.3199	116.4621	-299.6	355	QA1	0	0	0	0	85	23.5	1384	43	75	84	1.744	0.893	0.512	-0.9	23.45
3647	40.3203	116.4621	-297.0	362	QA1	0	0	0	0	87	23.6	1295	18	121	42	6.722	2.881	0.429	-0.9	23.45
3648	40.3207	116.4621	-294.5	362	QA1	0	0	0	0	67	23.6	1320	30	61	97	2.033	0.629	0.309	-1.0	23.46
3649	40.3211	116.4621	-295.8	356	QA1	0	0	0	0	86	23.5	1215	21	115	46	5.476	2.500	0.457	-1.0	23.47
3650	40.3215	116.4621	-293.3	348	QA1	0	0	0	0	81	23.4	1303	18	120	67	6.667	1.791	0.269	-1.0	23.48
3651	40.3219	116.4621	-293.8	344	QA1	0	0	0	0	88	23.3	1282	24	66	83	2.750	0.795	0.289	-1.1	23.49
3652	40.3223	116.4621	-293.2	352	QA1	0	0	0	0	80	23.5	1243	20	105	53	5.250	1.981	0.377	-1.1	23.50
3653	40.3227	116.4621	-293.5	375	OV3	0	0	0	0	74	23.8	1318	37	46	84	1.243	0.548	0.440	-1.1	23.51
3654	40.3231	116.4621	-292.4	412	OV3	0	0	0	0	81	24.3	1269	15	103	94	6.867	1.096	0.160	-1.1	23.52
3655	40.3235	116.4621	-289.8	453	OV3	0	0	0	0	74	24.9	1521	51	122	25	2.392	4.880	2.040	-1.1	23.53
3656	40.3239	116.4621	-291.0	490	OV3	0	0	0	0	77	25.4	1412	35	74	75	2.114	0.987	0.467	-1.1	23.54
3657	40.3243	116.4620	-287.9	499	OV3	0	0	0	0	76	25.5	1456	29	110	63	3.793	1.746	0.460	-1.1	23.55
3658	40.3247	116.4620	-285.8	531	OV3	0	0	1	0	77	25.9	1469	50	13	134	0.260	0.097	0.373	-1.1	23.56
3659	40.3251	116.4620	-284.2	539	OV3	0	0	0	0	84	26.0	1505	41	57	109	1.390	0.523	0.376	-1.0	23.57
3660	40.3256	116.4620	-284.4	520	OV3	0	0	0	0	73	25.8	1438	54	42	80	0.778	0.525	0.675	-1.0	23.58
3661	40.3260	116.4620	-283.8	497	OV3	0	0	0	0	75	22.6	1430	30	82	65	2.733	1.262	0.462	-1.0	23.59
3662	40.3264	116.4620	-281.5	494	OV3	0	0	0	0	78	22.6	1404	19	112	40	5.895	2.800	0.475	-1.0	23.59
3663	40.3268	116.4620	-279.5	494	OV3	0	0	0	0	77	22.6	1515	28	95	99	3.393	0.960	0.283	-0.9	23.60

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3664	40.3272	116.4620	-279.5	493	OV3	0	0	0	0	76	22.6	1457	37	58	91	1.568	0.637	0.407	-0.9	23.60
3665	40.3276	116.4620	-281.7	490	OV3	0	0	0	0	78	22.5	1465	23	83	111	3.609	0.748	0.207	-0.8	23.60
3666	40.3280	116.4620	-279.2	489	QA1	0	0	0	0	68	22.5	1509	42	89	100	2.119	0.890	0.420	-0.8	23.60
3667	40.3284	116.4620	-277.2	484	QA1	0	0	0	0	71	22.5	1569	33	125	82	3.788	1.524	0.402	-0.7	23.60
3668	40.3288	116.4620	-277.3	470	QA1	0	0	0	0	81	22.3	1607	34	93	95	2.735	0.979	0.358	-0.7	23.60
3669	40.3292	116.4620	-277.5	446	QA1	0	0	0	0	77	22.0	1381	55	30	93	0.545	0.323	0.591	-0.6	23.60
3670	40.3296	116.4620	-275.9	424	QA1	0	0	0	0	89	21.8	1419	46	63	75	1.370	0.840	0.613	-0.5	23.60
3671	40.3300	116.4619	-273.2	411	QA1	0	0	0	0	83	21.6	1378	33	58	106	1.758	0.547	0.311	-0.4	23.60
3672	40.3304	116.4619	-272.4	416	QA1	0	0	0	0	68	21.7	1400	37	55	105	1.486	0.524	0.352	-0.4	23.60
3673	40.3308	116.4619	-270.0	432	QA1	0	0	0	0	74	21.9	1510	26	172	69	6.615	2.493	0.377	-0.3	23.60
3674	40.3312	116.4619	-267.9	471	QA1	0	0	0	0	74	22.3	1589	32	91	91	2.844	1.000	0.352	-0.2	23.59
3675	40.3317	116.4619	-267.2	494	QA1	0	0	0	0	79	22.6	1471	18	166	55	9.222	3.018	0.327	0.0	23.59
3676	40.3321	116.4619	-269.2	521	QA1	0	0	0	0	83	22.9	1560	33	72	123	2.182	0.585	0.268	0.0	23.58
3677	40.3324	116.4619	-265.2	544	OV3	0	0	0	0	79	23.2	1590	48	52	119	1.083	0.437	0.403	0.0	23.58
3678	40.3327	116.4618	-265.5	564	OV3	0	0	0	0	76	23.4	1682	29	148	80	5.103	1.850	0.363	0.1	23.58
3679	40.3330	116.4618	-263.4	558	OV3	0	0	0	0	70	23.3	1541	59	36	113	0.610	0.319	0.522	0.2	23.58
3680	40.3333	116.4617	-262.4	550	OV3	0	0	1	0	76	29.3	1827	53	24	123	0.453	0.195	0.431	0.2	23.57
3681	40.3336	116.4617	-262.1	519	OV3	0	0	0	0	74	28.8	1636	40	75	111	1.875	0.676	0.360	0.2	23.57
3682	40.3339	116.4616	-261.7	506	OV3	0	0	0	0	81	28.7	1548	40	112	51	2.800	2.196	0.784	0.2	23.56
3683	40.3342	116.4616	-259.6	498	OV3	0	0	0	0	81	28.5	1519	14	123	82	8.786	1.500	0.171	0.2	23.56
3684	40.3345	116.4616	-260.6	496	OV3	0	0	0	0	83	28.5	1593	32	95	85	2.969	1.118	0.376	0.2	23.55
3685	40.3348	116.4615	-258.3	492	OV3	0	0	0	0	82	28.5	1524	31	64	111	2.065	0.577	0.279	0.2	23.54
3686	40.3351	116.4615	-259.8	478	OV3	0	0	0	0	75	28.3	1585	38	99	79	2.605	1.253	0.481	0.2	23.54
3687	40.3354	116.4614	-255.9	457	OV3	0	0	0	0	75	27.9	1464	32	115	92	3.594	1.250	0.348	0.2	23.54
3688	40.3357	116.4614	-255.4	451	OV3	0	0	0	0	75	27.8	1435	32	73	101	2.281	0.723	0.317	0.2	23.52
3689	40.3360	116.4613	-254.1	456	OV3	0	0	0	0	84	27.9	1367	35	89	62	2.543	1.435	0.565	0.2	23.51
3690	40.3364	116.4613	-253.6	475	OV3	0	0	0	0	72	28.2	1336	30	40	92	1.333	0.435	0.326	0.2	23.50
3691	40.3367	116.4612	-253.9	490	OV3	0	0	0	0	82	28.4	1409	26	43	137	1.654	0.314	0.190	0.2	23.48
3692	40.3370	116.4612	-252.5	497	OV3	0	0	1	0	81	28.5	1419	46	-2	108	-0.043	-0.019	0.426	0.2	23.47
3693	40.3373	116.4612	-252.2	497	OV3	0	0	0	0	82	28.5	1476	38	75	88	1.974	0.852	0.432	0.2	23.47
3694	40.3376	116.4611	-252.1	495	OV3	0	0	0	0	86	28.5	1410	40	29	97	0.725	0.299	0.412	0.1	23.46
3695	40.3379	116.4611	-250.6	491	OV3	0	0	0	0	86	28.4	1401	17	94	70	5.529	1.343	0.243	0.1	23.45
3696	40.3382	116.4610	-250.5	489	OV3	0	0	0	0	81	28.4	1449	41	26	112	0.634	0.232	0.366	0.1	23.44
3697	40.3385	116.4610	-248.7	489	OV3	0	0	0	0	86	28.4	1399	34	85	54	2.500	1.574	0.630	0.1	23.42
3698	40.3388	116.4609	-248.3	493	OV3	0	0	0	0	89	28.5	1459	30	49	99	1.633	0.495	0.303	0.1	23.41
3699	40.3391	116.4609	-248.5	497	OV3	0	0	0	0	80	31.1	1441	32	54	88	1.688	0.614	0.364	0.1	23.39
3700	40.3394	116.4608	-249.5	516	OV3	0	0	0	0	77	31.4	1448	29	88	74	3.034	1.189	0.392	0.1	23.37
3701	40.3397	116.4608	-248.0	509	OV3	0	0	0	0	79	31.3	1418	39	24	69	0.615	0.348	0.565	0.1	23.34
3702	40.3400	116.4608	-248.5	500	OV3	0	0	0	0	77	31.1	1411	29	62	95	2.138	0.653	0.305	0.1	23.34
3703	40.3403	116.4607	-248.2	500	OV3	0	0	0	0	73	31.1	1393	28	51	112	1.821	0.455	0.250	0.1	23.33
3704	40.3407	116.4607	-247.9	494	OV3	0	0	0	0	77	31.0	1356	36	34	93	0.944	0.366	0.387	0.0	23.32
3705	40.3410	116.4606	-246.6	491	OV3	0	0	1	0	70	31.0	1276	32	-18	103	-0.563	-0.175	0.311	0.0	23.31
3706	40.3413	116.4606	-245.6	486	OV3	0	0	1	0	82	30.9	1396	40	10	115	0.250	0.087	0.348	0.0	23.30
3707	40.3416	116.4605	-245.3	479	OV3	0	0	0	0	81	30.8	1345	19	114	49	6.000	2.327	0.388	0.0	23.28
3708	40.3419	116.4605	-245.5	481	OV3	0	0	0	0	88	30.8	1347	32	60	76	1.875	0.789	0.421	0.0	23.27
3709	40.3422	116.4604	-245.1	489	OV3	0	0	0	0	78	31.0	1342	37	45	69	1.216	0.652	0.536	-0.2	23.26
3710	40.3425	116.4604	-245.0	490	OV3	0	0	0	0	79	31.0	1317	28	115	50	4.107	2.300	0.560	-0.2	23.25
3711	40.3428	116.4603	-246.5	485	OV3	0	0	1	0	81	30.9	1321	27	2	104	0.074	0.019	0.260	-0.2	23.23
3712	40.3431	116.4603	-246.0	471	OV3	0	0	0	0	75	30.7	1289	37	85	23	2.297	3.696	1.609	-0.2	23.22
3713	40.3434	116.4603	-245.1	457	OV3	0	0	0	0	77	30.5	1285	29	48	72	1.655	0.667	0.403	-0.2	23.20
3714	40.3437	116.4602	-246.3	450	OV3	0	0	0	0	85	30.3	1228	21	69	74	3.286	0.932	0.284	-0.3	23.18
3715	40.3440	116.4602	-245.1	431	OV3	0	0	0	0	79	30.0	1220	29	69	44	2.379	1.568	0.659	-0.3	23.16
3716	40.3443	116.4601	-247.2	418	OV3	0	0	0	0	78	29.8	1137	19	29	78	1.526	0.372	0.244	-0.3	23.16
3717	40.3446	116.4601	-244.6	414	OV3	0	0	0	0	86	29.7	1206	31	40	55	1.290	0.727	0.564	-0.4	23.15

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3718	40.3450	116.4600	-246.0	420	OV3	0	0	0	0	87	37.1	1233	31	32	65	1.032	0.492	0.477	-0.5	23.14
3719	40.3453	116.4600	-245.4	419	OV3	0	0	0	0	91	37.0	1350	28	38	69	1.357	0.551	0.406	-0.5	23.12
3720	40.3456	116.4599	-244.7	408	OV3	0	0	0	0	86	36.8	1360	19	71	77	3.737	0.922	0.247	-0.6	23.11
3721	40.3459	116.4599	-245.1	389	OV3	0	0	0	0	86	36.4	1317	27	34	84	1.259	0.405	0.321	-0.7	23.10
3722	40.3462	116.4599	-246.8	375	OV3	0	0	0	0	89	36.1	1355	23	42	93	1.826	0.452	0.247	-0.8	23.09
3723	40.3465	116.4598	-245.7	358	OV3	0	0	0	0	86	35.7	1427	22	53	124	2.409	0.427	0.177	-0.9	23.09
3724	40.3468	116.4598	-245.4	348	OV3	0	0	1	0	77	35.5	1405	34	21	128	0.618	0.164	0.266	-0.9	23.08
3725	40.3471	116.4597	-245.4	343	OV3	0	0	0	0	79	35.4	1404	35	76	83	2.171	0.916	0.422	-1.0	23.08
3726	40.3474	116.4597	-246.0	350	OV3	0	0	0	0	83	35.5	1334	42	27	106	0.643	0.255	0.396	-1.0	23.07
3727	40.3477	116.4596	-245.8	365	OV3	0	0	1	0	87	35.9	1324	33	23	91	0.697	0.253	0.363	-1.1	23.07
3728	40.3480	116.4596	-245.2	395	OV3	0	0	0	0	80	36.5	1383	24	83	69	3.458	1.203	0.348	-1.1	23.08
3729	40.3483	116.4595	-246.4	428	OV3	0	0	0	0	86	37.2	1406	24	65	80	2.708	0.813	0.300	-1.2	23.08
3730	40.3486	116.4595	-244.5	469	QA1	0	0	0	0	85	38.1	1509	44	46	84	1.045	0.548	0.524	-1.2	23.08
3731	40.3489	116.4595	-243.7	493	QA1	0	0	0	0	84	38.5	1461	40	48	74	1.200	0.649	0.541	-1.1	23.08
3732	40.3492	116.4594	-245.7	512	QA1	0	0	0	0	82	38.9	1455	28	31	110	1.107	0.282	0.255	-1.1	23.08
3733	40.3496	116.4594	-245.0	532	QA1	0	0	1	0	81	39.3	1471	35	-31	131	-0.886	-0.237	0.267	-1.1	23.08
3734	40.3499	116.4593	-245.2	533	QA1	0	0	0	0	82	39.3	1417	47	37	54	0.787	0.685	0.870	-1.1	23.09
3735	40.3502	116.4593	-247.4	526	QA1	0	0	0	0	83	39.2	1424	23	64	102	2.783	0.627	0.225	-1.0	23.08
3736	40.3505	116.4592	-245.4	512	QA1	0	0	0	0	80	38.9	1406	33	99	70	3.000	1.414	0.471	-1.0	23.08
3737	40.3508	116.4592	-245.5	528	QA1	0	0	0	0	85	38.0	1374	20	78	80	3.900	0.975	0.250	-0.9	23.07
3738	40.3511	116.4591	-244.7	588	QA1	0	0	0	0	88	39.0	1524	29	55	92	1.897	0.598	0.315	-0.9	23.07
3739	40.3514	116.4591	-245.7	634	QA1	0	0	0	0	91	39.8	1498	23	41	94	1.783	0.436	0.245	-0.9	23.06
3740	40.3517	116.4591	-246.0	678	QA1	0	0	0	0	86	40.5	1442	27	42	101	1.556	0.416	0.267	-0.9	23.06
3741	40.3520	116.4590	-247.5	671	QA1	0	0	0	0	80	40.4	1458	56	31	69	0.554	0.449	0.812	-0.8	23.06
3742	40.3523	116.4590	-248.5	667	QA1	0	0	0	0	85	40.3	1564	25	56	99	2.240	0.566	0.253	-0.7	23.05
3743	40.3526	116.4589	-249.2	665	QA1	0	0	0	0	92	40.3	1594	28	87	74	3.107	1.176	0.378	-0.6	23.04
3744	40.3529	116.4589	-248.9	653	QA1	0	0	1	0	91	40.1	1495	35	1	125	0.029	0.008	0.280	-0.6	23.04
3745	40.3532	116.4588	-248.9	646	QA1	0	0	0	0	84	40.0	1574	45	65	78	1.444	0.833	0.577	-0.6	23.03
3746	40.3535	116.4588	-249.1	642	QA1	0	0	0	0	81	39.9	1550	30	61	112	2.033	0.545	0.268	-0.5	23.02
3747	40.3539	116.4587	-249.2	622	QA1	0	0	0	0	80	39.6	1481	50	35	67	0.700	0.522	0.746	-0.5	23.02
3748	40.3542	116.4587	-249.2	618	QA1	0	0	0	0	76	39.5	1535	42	32	115	0.762	0.278	0.365	-0.4	23.01
3749	40.3545	116.4587	-251.1	621	QA1	0	0	0	0	82	39.6	1573	24	88	83	3.667	1.060	0.289	-0.3	23.01
3750	40.3548	116.4586	-249.6	612	QA1	0	0	0	0	87	39.5	1487	14	89	69	6.357	1.290	0.203	-0.3	23.01
3751	40.3551	116.4586	-251.5	592	QA1	0	0	0	0	90	39.1	1590	39	37	103	0.949	0.359	0.379	-0.3	23.01
3752	40.3554	116.4585	-250.6	594	QA1	0	0	0	0	92	39.1	1561	23	49	119	2.130	0.412	0.193	-0.2	23.01
3753	40.3557	116.4585	-248.3	588	QA1	0	0	0	0	76	39.1	1696	47	53	98	1.128	0.541	0.480	-0.2	23.01
3754	40.3560	116.4584	-250.0	588	QA1	0	0	1	0	84	39.0	1517	29	13	105	0.448	0.124	0.276	-0.2	23.01
3755	40.3563	116.4584	-247.2	582	QA1	0	0	0	0	86	38.9	1591	35	66	89	1.886	0.742	0.393	-0.2	23.01
3756	40.3566	116.4583	-247.5	576	QA1	0	0	1	0	88	46.8	1515	38	18	120	0.474	0.150	0.317	-0.2	23.00
3757	40.3569	116.4583	-248.0	566	QA1	0	0	1	0	76	46.6	1525	32	-14	158	-0.438	-0.089	0.203	0.0	23.00
3758	40.3572	116.4582	-247.9	565	QA1	0	0	0	0	83	46.6	1616	50	72	92	1.440	0.783	0.543	0.0	22.99
3759	40.3575	116.4582	-248.4	557	QA1	0	0	1	0	88	46.4	1540	37	18	133	0.486	0.135	0.278	0.0	22.99
3760	40.3578	116.4582	-246.8	556	QA1	0	0	0	0	90	46.4	1552	29	50	104	1.724	0.481	0.279	0.0	22.98
3761	40.3582	116.4581	-246.3	550	QA1	0	0	0	0	86	46.2	1646	16	54	130	3.375	0.415	0.123	0.0	22.96
3762	40.3585	116.4581	-244.8	578	QA1	0	0	0	0	90	46.8	1662	28	92	60	3.286	1.533	0.467	0.0	22.95
3763	40.3588	116.4580	-243.0	577	QA1	0	0	0	0	83	46.8	1622	29	79	94	2.724	0.840	0.309	0.0	22.94
3764	40.3591	116.4580	-246.3	562	QA1	0	0	0	0	88	46.5	1506	29	48	78	1.655	0.615	0.372	0.0	22.94
3765	40.3594	116.4579	-244.7	558	QA1	0	0	0	0	91	46.4	1609	48	42	87	0.875	0.483	0.552	0.0	22.93
3766	40.3597	116.4579	-244.4	559	QA1	0	0	0	0	89	46.4	1540	29	62	122	2.138	0.508	0.238	0.0	22.92
3767	40.3600	116.4578	-244.0	538	QA1	0	0	0	0	96	46.0	1555	24	73	134	3.042	0.545	0.179	0.0	22.91
3768	40.3603	116.4578	-243.3	524	QA1	0	0	0	0	89	45.7	1547	50	46	71	0.920	0.648	0.704	0.1	22.91
3769	40.3606	116.4578	-243.8	518	QA1	0	0	0	0	93	45.6	1701	45	45	100	1.000	0.450	0.450	0.1	22.90
3770	40.3609	116.4577	-244.3	500	QA1	0	0	0	0	87	45.1	1666	51	26	95	0.510	0.274	0.537	0.1	22.89
3771	40.3612	116.4577	-243.3	492	QA1	0	0	0	0	77	45.0	1577	58	44	114	0.759	0.386	0.509	0.1	22.88

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3772	40.3615	116.4576	-243.5	489	QA1	0	0	0	0	91	44.9	1655	41	112	75	2.732	1.493	0.547	0.2	22.88
3773	40.3618	116.4576	-243.0	480	QA1	0	0	1	0	86	44.7	1683	60	-18	154	-0.300	-0.117	0.390	0.2	22.86
3774	40.3621	116.4575	-243.4	463	QA1	0	0	0	0	85	44.3	1658	41	73	123	1.780	0.593	0.333	0.2	22.85
3775	40.3625	116.4575	-244.6	451	QA1	0	0	0	0	83	43.6	1622	62	42	118	0.677	0.356	0.525	0.2	22.83
3776	40.3628	116.4574	-243.7	431	QA1	0	0	0	0	98	43.2	1667	30	126	85	4.200	1.482	0.353	0.3	22.82
3777	40.3631	116.4574	-245.3	410	QA1	0	0	0	0	89	42.6	1679	56	48	115	0.857	0.417	0.487	0.2	22.81
3778	40.3634	116.4574	-244.9	389	QA1	0	0	0	0	84	42.1	1658	42	81	108	1.929	0.750	0.389	0.2	22.80
3779	40.3637	116.4573	-246.4	379	QA1	0	0	0	0	89	41.9	1627	34	33	159	0.971	0.208	0.214	0.2	22.79
3780	40.3640	116.4573	-244.7	364	DS	0	0	0	0	91	41.5	1634	40	59	125	1.475	0.472	0.320	0.2	22.78
3781	40.3643	116.4572	-246.9	342	DS	0	0	0	0	88	40.9	1571	25	86	127	3.440	0.677	0.197	0.1	22.77
3782	40.3646	116.4572	-246.6	331	DS	0	0	0	0	87	40.6	1697	50	109	116	2.180	0.940	0.431	0.1	22.77
3783	40.3649	116.4571	-249.1	325	DS	0	0	1	0	94	40.5	1620	55	5	132	0.091	0.038	0.417	0.1	22.76
3784	40.3652	116.4571	-249.0	331	DS	0	0	0	0	96	40.6	1615	40	65	145	1.625	0.448	0.276	0.1	22.75
3785	40.3655	116.4570	-249.6	343	DS	0	0	0	0	96	40.9	1582	24	72	143	3.000	0.503	0.168	0.1	22.74
3786	40.3658	116.4570	-248.5	364	DS	0	0	0	0	87	41.5	1605	29	124	89	4.276	1.393	0.326	0.2	22.73
3787	40.3661	116.4570	-249.5	392	DS	0	0	0	0	84	42.2	1727	43	47	121	1.093	0.388	0.355	0.1	22.72
3788	40.3664	116.4569	-251.3	410	DS	0	0	1	0	91	42.7	1674	46	24	106	0.522	0.226	0.434	0.0	22.71
3789	40.3667	116.4569	-249.8	426	DS	0	0	1	0	93	43.0	1760	48	25	163	0.521	0.153	0.294	0.0	22.69
3790	40.3671	116.4568	-247.7	430	DS	0	0	0	0	94	43.1	1785	45	130	102	2.889	1.275	0.441	-0.2	22.70
3791	40.3674	116.4568	-246.9	424	DS	0	0	0	0	78	43.0	1700	42	35	149	0.833	0.235	0.282	-0.2	22.69
3792	40.3677	116.4567	-249.0	406	DS	0	0	0	0	87	42.6	1674	34	74	129	2.176	0.574	0.264	-0.2	22.67
3793	40.3680	116.4567	-247.6	382	DS	0	0	0	0	97	41.9	1682	30	113	99	3.767	1.141	0.303	-0.3	22.67
3794	40.3683	116.4566	-248.7	361	DS	0	0	0	0	86	50.4	1579	34	94	84	2.765	1.119	0.405	-0.4	22.66
3795	40.3686	116.4566	-247.5	346	DS	0	0	0	0	92	49.9	1561	44	29	135	0.659	0.215	0.326	-0.5	22.66
3796	40.3689	116.4566	-247.6	333	DS	0	0	0	0	90	49.5	1596	39	26	130	0.667	0.200	0.300	-0.6	22.65
3797	40.3692	116.4565	-250.3	326	DS	0	0	0	0	85	49.2	1592	36	66	117	1.833	0.564	0.308	-0.7	22.63
3798	40.3695	116.4565	-252.5	323	DS	0	0	0	0	80	49.2	1609	43	43	118	1.000	0.364	0.364	-0.8	22.62
3799	40.3698	116.4564	-251.7	320	DS	0	0	0	0	84	49.1	1441	31	48	123	1.548	0.390	0.252	-0.9	22.61
3800	40.3701	116.4564	-252.9	317	DS	0	0	1	0	91	49.0	1445	41	9	123	0.220	0.073	0.333	-1.0	22.59
3801	40.3704	116.4563	-255.6	316	DS	0	0	0	0	95	48.9	1424	19	86	106	4.526	0.811	0.179	-1.1	22.57
3802	40.3707	116.4563	-257.2	332	DS	0	0	0	0	100	49.5	1495	25	56	122	2.240	0.459	0.205	-1.1	22.57
3803	40.3710	116.4562	-256.9	358	DS	0	0	0	0	96	50.3	1554	24	52	147	2.167	0.354	0.163	-1.2	22.56
3804	40.3714	116.4562	-255.6	382	DS	0	0	0	0	91	51.0	1518	31	30	126	0.968	0.238	0.246	-1.3	22.55
3805	40.3717	116.4561	-257.1	405	DS	0	0	0	0	99	51.7	1468	31	77	95	2.484	0.811	0.326	-1.4	22.54
3806	40.3720	116.4561	-256.1	420	DS	0	0	0	0	90	52.2	1436	14	65	121	4.643	0.537	0.116	-1.3	22.54
3807	40.3723	116.4561	-255.7	436	DS	0	0	0	0	100	52.6	1628	27	53	124	1.963	0.427	0.218	-1.2	22.53
3808	40.3726	116.4560	-253.4	458	DS	0	0	0	0	91	53.3	1637	24	107	126	4.458	0.849	0.190	-1.2	22.52
3809	40.3729	116.4560	-251.6	483	DS	0	0	0	0	97	54.0	1612	51	37	104	0.725	0.356	0.490	-1.1	22.51
3810	40.3732	116.4559	-251.0	496	DS	0	0	1	0	99	54.3	1605	33	9	162	0.273	0.056	0.204	-1.1	22.50
3811	40.3735	116.4559	-248.5	516	DS	0	0	0	0	89	54.9	1641	9	66	150	8.250	0.440	0.053	-1.0	22.50
3812	40.3738	116.4558	-248.7	538	TA	0	0	0	0	92	55.5	1670	38	63	123	1.658	0.512	0.309	-1.0	22.49
3813	40.3741	116.4558	-246.8	552	TA	0	0	1	0	99	50.7	1578	22	-20	173	-0.909	-0.116	0.127	-0.9	22.49
3814	40.3744	116.4557	-247.5	577	TA	0	0	0	0	97	51.3	1690	17	94	109	5.529	0.862	0.156	-0.9	22.48
3815	40.3747	116.4557	-247.5	595	TA	0	0	0	0	96	51.7	1665	28	81	77	2.893	1.052	0.364	-0.9	22.47
3816	40.3750	116.4557	-244.1	607	TA	0	0	0	0	99	52.0	1826	18	47	178	2.611	0.264	0.101	-0.9	22.47
3817	40.3753	116.4556	-244.8	611	TA	0	0	0	0	92	52.1	1840	26	100	100	3.846	1.000	0.260	-0.9	22.46
3818	40.3757	116.4556	-241.2	638	TA	0	0	1	0	95	52.6	1926	41	8	164	0.195	0.049	0.250	-0.8	22.45
3819	40.3761	116.4556	-238.6	643	TA	0	0	0	0	96	52.8	1931	41	76	122	1.854	0.623	0.336	-0.8	22.44
3820	40.3764	116.4557	-235.4	636	TA	0	0	0	0	99	52.6	1921	44	81	176	1.841	0.460	0.250	-0.7	22.44
3821	40.3768	116.4558	-235.5	611	TA	0	0	0	0	94	52.1	2123	54	63	134	1.167	0.470	0.403	-0.6	22.43
3822	40.3772	116.4559	-232.4	596	TA	0	0	0	0	89	51.7	2156	51	127	155	2.490	0.819	0.329	-0.5	22.42
3823	40.3776	116.4560	-230.3	593	TA	0	0	0	0	88	51.7	2186	54	166	98	3.074	1.694	0.551	-0.5	22.42
3824	40.3780	116.4561	-230.4	582	TA	0	0	0	0	99	51.4	2129	46	59	183	1.283	0.322	0.251	-0.4	22.41
3825	40.3784	116.4561	-231.2	571	TA	0	0	0	0	95	51.2	2243	43	85	212	1.977	0.401	0.203	-0.3	22.40

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3826	40.3788	116.4562	-228.0	555	TA	0	0	0	0	94	50.8	2288	54	145	116	2.685	1.250	0.466	-0.2	22.39
3827	40.3792	116.4563	-226.8	510	TA	0	0	0	0	105	49.7	1986	27	130	183	4.815	0.710	0.148	-0.2	22.37
3828	40.3796	116.4564	-228.9	496	TA	0	0	0	0	87	49.4	1944	69	49	183	0.710	0.268	0.377	0.0	22.36
3829	40.3800	116.4565	-226.7	487	TA	0	0	0	0	93	49.2	1985	57	59	133	1.035	0.444	0.429	0.0	22.35
3830	40.3804	116.4565	-224.3	465	TA	0	0	0	0	98	48.6	2029	50	82	167	1.640	0.491	0.299	0.0	22.33
3831	40.3808	116.4566	-225.1	425	TA	0	0	0	0	97	47.5	1898	47	50	155	1.064	0.323	0.303	0.0	22.33
3832	40.3812	116.4567	-224.0	398	TA	0	0	0	0	98	51.0	1687	32	82	134	2.563	0.612	0.239	0.0	22.32
3833	40.3816	116.4568	-222.7	404	TA	0	0	0	0	99	51.2	1774	40	134	124	3.350	1.081	0.323	0.0	22.31
3834	40.3820	116.4569	-225.6	437	TA	0	0	0	0	82	52.2	1941	41	155	90	3.780	1.722	0.456	0.0	22.30
3835	40.3824	116.4570	-224.7	474	TA	0	0	0	0	98	53.2	2061	53	96	112	1.811	0.857	0.473	0.0	22.29
3836	40.3828	116.4570	-222.3	493	TA	0	0	0	0	96	53.7	2068	46	31	182	0.674	0.170	0.253	0.0	22.30
3837	40.3832	116.4571	-224.2	497	TA	0	0	0	0	94	53.8	1865	35	69	164	1.971	0.421	0.213	0.0	22.30
3838	40.3836	116.4572	-224.7	521	TA	0	0	0	0	97	54.5	1930	47	92	76	1.957	1.211	0.618	0.0	22.31
3839	40.3840	116.4573	-225.6	559	TA	0	0	0	0	95	55.4	1951	58	41	181	0.707	0.227	0.320	0.0	22.31
3840	40.3844	116.4574	-223.5	600	TA	0	0	0	0	89	56.4	1951	31	41	136	1.323	0.301	0.228	0.0	22.31
3841	40.3848	116.4574	-225.2	622	TA	0	0	0	0	88	57.0	2021	34	122	130	3.588	0.938	0.262	0.1	22.31
3842	40.3852	116.4575	-227.2	650	TA	0	0	0	0	94	57.6	1963	54	62	114	1.148	0.544	0.474	0.1	22.32
3843	40.3856	116.4576	-227.5	672	TA	0	0	0	0	98	58.1	2056	34	46	210	1.353	0.219	0.162	0.1	22.32
3844	40.3860	116.4577	-226.2	692	TA	0	0	0	0	101	58.6	2015	30	121	107	4.033	1.131	0.280	0.2	22.34
3845	40.3864	116.4578	-227.5	718	TA	1	0	0	0	96	59.1	2088	32	78	211	2.438	0.370	0.152	0.3	22.35
3846	40.3868	116.4579	-228.3	732	TA	1	0	1	0	89	59.4	2131	64	-14	214	-0.219	-0.065	0.299	0.4	22.36
3847	40.3872	116.4579	-227.4	740	TA	1	0	0	0	93	59.6	1909	40	57	156	1.425	0.365	0.256	0.5	22.37
3848	40.3876	116.4580	-226.3	751	TA	1	0	0	0	95	59.8	2164	40	65	212	1.625	0.307	0.189	0.6	22.39
3849	40.3880	116.4581	-224.8	743	TA	1	0	0	0	91	59.6	2071	35	57	186	1.629	0.306	0.188	0.6	22.41
3850	40.3884	116.4582	-224.4	733	TA	1	0	0	0	97	59.4	2213	48	46	147	0.958	0.313	0.327	0.7	22.42
3851	40.3888	116.4583	-223.7	713	TA	1	0	0	0	99	43.2	2138	42	30	208	0.714	0.144	0.202	0.7	22.44
3852	40.3892	116.4583	-220.2	710	TA	1	0	0	0	104	43.1	2034	46	76	168	1.652	0.452	0.274	0.8	22.47
3853	40.3896	116.4584	-222.3	688	TA	0	0	0	0	96	42.8	2062	76	49	141	0.645	0.348	0.539	0.9	22.50
3854	40.3900	116.4585	-221.4	673	TA	0	0	0	0	86	42.6	2222	43	75	196	1.744	0.383	0.219	1.0	22.52
3855	40.3904	116.4586	-216.9	663	QA1	0	0	0	0	86	42.4	1960	17	153	166	9.000	0.922	0.102	1.1	22.53
3856	40.3908	116.4587	-217.8	676	QA1	0	0	0	0	89	42.6	2123	47	58	136	1.234	0.426	0.346	1.1	22.54
3857	40.3912	116.4588	-216.0	674	QA1	0	0	0	0	90	42.6	2133	47	103	136	2.191	0.757	0.346	1.1	22.56
3858	40.3916	116.4588	-210.6	657	QA1	0	0	0	0	101	42.3	2009	43	88	110	2.047	0.800	0.391	1.0	22.58
3859	40.3920	116.4589	-207.1	672	QA1	0	0	0	0	101	42.5	2061	29	60	159	2.069	0.377	0.182	1.0	22.59
3860	40.3924	116.4590	-206.1	673	QA1	0	0	0	0	102	42.5	1972	45	29	151	0.644	0.192	0.298	1.0	22.59
3861	40.3928	116.4591	-198.4	661	QA1	0	0	0	0	80	42.4	2067	48	88	103	1.833	0.854	0.466	0.9	22.61
3862	40.3932	116.4592	-197.4	648	QA1	0	0	0	0	91	42.1	1865	41	119	69	2.902	1.725	0.594	0.9	22.61
3863	40.3936	116.4592	-191.7	643	QA1	0	0	0	0	101	42.0	2014	38	101	106	2.658	0.953	0.358	0.8	22.63
3864	40.3940	116.4593	-188.6	620	QA1	0	0	0	0	96	41.7	1844	50	86	108	1.720	0.796	0.463	0.8	22.64
3865	40.3944	116.4594	-181.9	607	QA1	0	0	0	0	102	41.4	1891	45	76	115	1.652	0.661	0.400	0.8	22.65
3866	40.3948	116.4595	-183.8	585	QA1	0	0	0	0	91	41.0	1974	34	110	103	3.235	1.068	0.330	0.8	22.66
3867	40.3952	116.4596	-184.7	562	QA1	0	0	0	0	84	40.6	1791	43	64	84	1.488	0.762	0.512	0.8	22.68
3868	40.3956	116.4597	-186.6	540	QA1	0	0	0	0	85	40.2	1823	27	106	98	3.926	1.082	0.276	0.8	22.71
3869	40.3960	116.4597	-190.2	516	QA1	0	0	0	0	86	39.7	1942	36	75	116	2.083	0.647	0.310	0.7	22.74
3870	40.3964	116.4598	-191.1	499	QA1	0	0	0	0	82	44.7	1848	54	51	95	0.944	0.537	0.568	0.7	22.77
3871	40.3968	116.4599	-195.8	495	QA1	0	0	0	0	82	44.7	1952	55	98	80	1.782	1.225	0.688	0.6	22.80
3872	40.3972	116.4600	-194.0	491	QA1	0	0	0	0	85	44.6	1867	44	91	108	2.068	0.843	0.407	0.5	22.82
3873	40.3976	116.4601	-191.8	476	QA1	0	0	0	0	92	44.2	1904	44	67	134	1.523	0.500	0.328	0.4	22.84
3874	40.3980	116.4601	-190.2	459	QA1	0	0	1	0	83	43.8	1956	50	7	156	0.140	0.045	0.321	0.3	22.86
3875	40.3984	116.4602	-186.2	446	QA1	0	0	0	0	95	43.5	1988	43	53	145	1.233	0.366	0.297	0.2	22.87
3876	40.3988	116.4603	-183.5	435	QA1	0	0	0	0	92	43.3	1908	41	62	148	1.512	0.419	0.277	0.1	22.89
3877	40.3992	116.4604	-181.8	422	QA1	0	0	1	0	84	42.9	1777	56	20	121	0.357	0.165	0.463	0.1	22.89
3878	40.3996	116.4605	-182.4	407	QA1	0	0	0	0	86	42.6	1610	28	101	104	3.607	0.971	0.269	0.1	22.90
3879	40.4000	116.4606	-180.8	388	QA1	0	0	0	0	97	42.1	1657	33	135	91	4.091	1.484	0.363	0.1	22.92

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3880	40.4004	116.4606	-177.9	372	QA1	0	0	0	0	81	41.7	1719	46	76	118	1.652	0.644	0.390	0.1	22.93
3881	40.4008	116.4607	-173.2	356	QA1	0	0	0	0	90	41.3	1591	33	80	102	2.424	0.784	0.324	0.1	22.94
3882	40.4012	116.4608	-171.7	349	QA1	0	0	0	0	83	41.1	1590	33	82	107	2.485	0.766	0.308	0.1	22.94
3883	40.4016	116.4609	-168.4	348	QA1	0	0	0	0	85	41.1	1580	36	79	124	2.194	0.637	0.290	0.1	22.94
3884	40.4020	116.4610	-165.5	356	QA1	0	0	0	0	88	41.3	1550	43	50	119	1.163	0.420	0.361	0.1	22.95
3885	40.4024	116.4610	-162.1	349	QA1	0	0	0	0	89	41.1	1598	35	40	151	1.143	0.265	0.232	0.1	22.95
3886	40.4028	116.4611	-163.8	346	QA1	0	0	0	0	81	41.0	1634	32	27	132	0.844	0.205	0.242	0.1	22.95
3887	40.4032	116.4612	-167.2	345	QA1	0	0	0	0	74	41.0	1621	32	111	103	3.469	1.078	0.311	0.0	22.96
3888	40.4036	116.4613	-169.4	344	QA1	0	0	0	0	87	41.0	1681	58	96	82	1.655	1.171	0.707	0.0	22.96
3889	40.4040	116.4614	-172.9	339	QA1	0	0	0	0	75	37.1	1653	38	134	101	3.526	1.327	0.376	0.0	22.97
3890	40.4044	116.4614	-178.7	337	QA1	0	0	0	0	78	37.0	1665	40	71	126	1.775	0.563	0.317	0.0	22.98
3891	40.4048	116.4615	-178.5	343	QA1	0	0	0	0	88	37.2	1683	40	140	75	3.500	1.867	0.533	0.0	22.98
3892	40.4052	116.4616	-179.7	352	QA1	0	0	0	0	89	37.4	1758	38	130	113	3.421	1.150	0.336	0.0	22.98
3893	40.4056	116.4617	-176.3	360	QA1	0	0	0	0	70	37.6	1749	33	166	127	5.030	1.307	0.260	-0.2	22.99
3894	40.4060	116.4618	-179.2	364	QA1	0	0	0	0	91	37.7	1841	37	139	135	3.757	1.030	0.274	-0.2	22.99
3895	40.4064	116.4619	-183.6	373	QA1	0	0	0	0	93	37.9	1855	36	53	180	1.472	0.294	0.200	-0.2	22.99
3896	40.4068	116.4619	-187.8	374	QA1	0	0	0	0	71	37.9	1946	49	86	157	1.755	0.548	0.312	-0.2	22.99
3897	40.4072	116.4620	-196.3	366	QA1	0	0	1	0	86	37.7	1918	62	-25	207	-0.403	-0.121	0.300	-0.3	22.99
3898	40.4076	116.4621	-204.3	358	QA1	0	0	0	0	82	37.5	1918	43	52	213	1.209	0.244	0.202	-0.3	23.00
3899	40.4080	116.4622	-211.8	356	QA1	0	0	0	0	86	37.5	1916	57	36	166	0.632	0.217	0.343	-0.4	23.00
3900	40.4084	116.4623	-222.7	360	QA1	0	0	1	0	75	37.6	1830	65	9	179	0.138	0.050	0.363	-0.5	23.00
3901	40.4088	116.4623	-235.1	374	QA1	0	0	0	0	86	37.9	1944	40	47	199	1.175	0.236	0.201	-0.5	23.00
3902	40.4092	116.4623	-259.1	375	QA1	0	0	0	0	89	38.0	1875	51	112	150	2.196	0.747	0.340	-0.5	23.00
3903	40.4097	116.4623	-269.4	361	QA1	0	0	0	0	91	37.6	1879	47	89	122	1.894	0.730	0.385	-0.6	23.00
3904	40.4101	116.4623	-274.3	346	QA1	0	0	0	0	91	37.3	1818	39	117	145	3.000	0.807	0.269	-0.6	23.00
3905	40.4105	116.4623	-284.5	343	QA1	0	0	0	0	81	37.2	1770	50	94	131	1.880	0.718	0.382	-0.7	23.00
3906	40.4110	116.4623	-290.0	348	QA1	0	0	0	0	79	37.3	1788	44	156	99	3.545	1.576	0.444	-0.8	23.00
3907	40.4114	116.4623	-297.2	347	QA1	0	0	0	0	92	37.3	1675	59	49	122	0.831	0.402	0.484	-0.8	23.00
3908	40.4118	116.4623	-303.2	353	QA1	0	0	0	0	86	37.2	1752	43	71	132	1.651	0.538	0.326	-0.9	22.99
3909	40.4123	116.4622	-307.4	355	QA1	0	0	0	0	90	37.3	1768	46	88	123	1.913	0.715	0.374	-1.0	22.99
3910	40.4127	116.4622	-308.9	353	QA1	0	0	0	0	78	37.2	1764	40	85	138	2.125	0.616	0.290	-1.1	22.99
3911	40.4131	116.4622	-310.2	343	QA1	0	0	0	0	78	37.0	1697	22	133	152	6.045	0.875	0.145	-1.1	22.99
3912	40.4135	116.4622	-313.2	342	QA1	0	0	0	0	80	36.9	1662	35	104	139	2.971	0.748	0.252	-1.2	22.98
3913	40.4140	116.4622	-311.5	332	QA1	0	0	0	0	78	36.7	1664	47	67	136	1.426	0.493	0.346	-1.2	22.98
3914	40.4144	116.4622	-311.9	312	QA1	0	0	0	0	85	36.2	1655	31	140	113	4.516	1.239	0.274	-1.2	22.97
3915	40.4148	116.4622	-311.9	286	QA1	0	0	0	0	85	35.6	1696	57	102	90	1.789	1.133	0.633	-1.2	22.97
3916	40.4153	116.4622	-312.5	270	QA1	0	0	0	0	86	35.2	1628	25	171	108	6.840	1.583	0.231	-1.2	22.96
3917	40.4157	116.4622	-310.7	266	QA1	0	0	0	0	93	35.1	1531	26	114	128	4.385	0.891	0.203	-1.3	22.95
3918	40.4161	116.4622	-308.1	278	QA1	0	0	0	0	82	35.4	1650	23	195	92	8.478	2.120	0.250	-1.3	22.93
3919	40.4166	116.4622	-308.1	306	DS	0	0	0	0	85	36.1	1725	39	121	111	3.184	1.090	0.342	-1.3	22.93
3920	40.4170	116.4622	-310.0	325	DS	0	0	0	0	95	36.6	1674	41	108	103	2.634	1.049	0.398	-1.4	22.93
3921	40.4174	116.4622	-307.5	345	DS	0	0	0	0	81	37.0	1708	35	169	100	4.829	1.690	0.350	-1.5	22.92
3922	40.4178	116.4622	-306.6	366	DS	0	0	0	0	86	37.5	1651	46	86	109	1.870	0.789	0.422	-1.5	22.91
3923	40.4183	116.4622	-307.9	385	DS	0	0	0	0	84	38.0	1722	35	100	149	2.857	0.671	0.235	-1.5	22.90
3924	40.4187	116.4622	-307.7	385	DS	0	0	0	0	89	38.0	1665	34	85	126	2.500	0.675	0.270	-1.6	22.90
3925	40.4191	116.4622	-305.4	384	DS	0	0	1	0	89	37.9	1616	51	25	119	0.490	0.210	0.429	-1.6	22.88
3926	40.4196	116.4622	-300.9	385	DS	0	0	0	0	76	38.0	1700	32	89	140	2.781	0.636	0.229	-1.7	22.87
3927	40.4200	116.4622	-29[illegible]	378	DS	0	0	0	0	87	37.5	1751	28	97	140	3.464	0.693	0.200	-1.7	22.85
3928	40.4204	116.4622	-299.3	365	DS	0	0	0	0	89	37.2	1681	39	40	146	1.026	0.274	0.267	-1.8	22.84
3929	40.4209	116.4622	-300.5	333	DS	0	0	0	0	82	36.5	1683	37	81	119	2.189	0.681	0.311	-1.8	22.84
3930	40.4213	116.4622	-302.5	301	DS	0	0	0	0	85	35.7	1626	44	115	112	2.614	1.027	0.393	-2.0	22.83
3931	40.4217	116.4622	-300.4	282	DS	0	0	0	0	80	35.2	1551	36	75	111	2.083	0.676	0.324	-2.0	22.82
3932	40.4222	116.4622	-301.7	274	DS	0	0	0	0	82	35.0	1485	25	161	112	6.440	1.438	0.223	-2.1	22.80
3933	40.4226	116.4622	-304.4	279	DS	0	0	0	0	97	35.1	1499	34	112	117	3.294	0.957	0.291	-2.2	22.78

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3934	40.4230	116.4622	-304.1	288	DS	0	0	0	0	92	35.4	1515	31	94	114	3.032	0.825	0.272	-2.2	22.78
3935	40.4234	116.4622	-306.6	311	DS	0	0	0	0	93	36.0	1585	51	49	112	0.961	0.438	0.455	-2.3	22.78
3936	40.4239	116.4622	-306.8	350	DS	0	0	0	0	86	36.9	1593	62	62	68	1.000	0.912	0.912	-2.3	22.78
3937	40.4243	116.4622	-309.7	390	DS	0	0	0	0	87	37.8	1686	35	78	149	2.229	0.523	0.235	-2.2	22.77
3938	40.4247	116.4622	-310.2	415	DS	0	0	0	0	90	38.4	1642	49	67	132	1.367	0.508	0.371	-2.1	22.78
3939	40.4252	116.4622	-310.5	437	DS	0	0	0	0	102	38.8	1812	36	81	143	2.250	0.566	0.252	-2.0	22.78
3940	40.4256	116.4622	-312.2	440	DS	0	0	0	0	86	38.9	1776	37	117	117	3.162	1.000	0.316	-1.9	22.78
3941	40.4260	116.4622	-312.0	406	DS	0	0	0	0	90	38.2	1723	27	107	130	3.963	0.823	0.208	-1.8	22.78
3942	40.4265	116.4622	-313.3	393	DS	0	0	0	0	97	37.9	1661	40	82	107	2.050	0.766	0.374	-1.8	22.78
3943	40.4269	116.4622	-313.5	399	DS	0	0	0	0	78	38.0	1538	54	80	60	1.481	1.333	0.900	-1.7	22.77
3944	40.4273	116.4622	-311.3	430	DS	0	0	0	0	86	38.7	1635	45	66	106	1.467	0.623	0.425	-1.6	22.77
3945	40.4277	116.4622	-313.7	462	DS	0	0	0	0	84	39.4	1791	45	120	112	2.667	1.071	0.402	-1.6	22.77
3946	40.4282	116.4622	-313.9	474	DS	0	0	0	0	75	34.0	1728	47	139	75	2.957	1.853	0.627	-1.6	22.77
3947	40.4286	116.4622	-313.1	442	DS	0	0	0	0	94	33.5	1649	30	165	70	5.500	2.357	0.429	-1.6	22.77
3948	40.4290	116.4622	-313.9	408	DS	0	0	0	0	98	32.8	1608	32	83	104	2.594	0.798	0.308	-1.5	22.77
3949	40.4295	116.4622	-315.9	376	DS	0	0	0	0	77	32.2	1634	45	70	127	1.556	0.551	0.354	-1.5	22.76
3950	40.4299	116.4622	-314.1	343	DS	0	0	0	0	86	31.6	1530	34	109	111	3.206	0.982	0.306	-1.4	22.76
3951	40.4303	116.4622	-317.5	324	DS	0	0	0	0	87	31.2	1528	24	121	108	5.042	1.120	0.222	-1.3	22.76
3952	40.4308	116.4622	-318.5	329	DS	0	0	0	0	87	31.3	1561	43	106	115	2.465	0.922	0.374	-1.3	22.76
3953	40.4312	116.4622	-318.6	345	DS	0	0	0	0	89	31.6	1592	28	158	75	5.643	2.107	0.373	-1.3	22.76
3954	40.4316	116.4622	-319.0	354	DS	0	0	0	0	92	31.8	1520	38	52	143	1.368	0.364	0.266	-1.3	22.76
3955	40.4321	116.4622	-320.4	360	DS	0	0	0	0	90	31.9	1490	36	56	110	1.556	0.509	0.327	-1.3	22.76
3956	40.4325	116.4622	-320.6	367	DS	0	0	0	0	104	32.0	1550	22	168	60	7.636	2.800	0.367	-1.3	22.75
3957	40.4329	116.4622	-321.9	389	DS	0	0	0	0	92	32.5	1606	41	53	115	1.293	0.461	0.357	-1.2	22.75
3958	40.4333	116.4622	-322.8	435	DS	0	0	0	0	93	33.4	1617	20	156	107	7.800	1.458	0.187	-1.1	22.75
3959	40.4338	116.4622	-323.5	488	DS	0	0	0	0	88	34.3	1624	29	165	91	5.690	1.813	0.319	-1.0	22.75
3960	40.4342	116.4622	-321.7	495	DS	0	0	0	0	87	34.4	1625	35	142	68	4.057	2.088	0.515	-1.0	22.74
3961	40.4346	116.4622	-321.7	495	DS	0	0	0	0	87	34.4	1723	48	79	119	1.646	0.664	0.403	-0.8	22.73
3962	40.4351	116.4622	-321.2	499	DS	0	0	0	0	83	34.5	1654	28	120	92	4.286	1.304	0.304	-0.8	22.73
3963	40.4355	116.4621	-322.2	497	DS	0	0	0	0	88	34.5	1766	35	73	117	2.086	0.624	0.299	-0.7	22.72
3964	40.4359	116.4621	-323.0	489	DS	0	0	0	0	98	34.3	1580	32	111	100	3.469	1.110	0.320	-0.7	22.72
3965	40.4364	116.4621	-322.3	472	DS	0	0	0	0	83	40.1	1612	37	26	139	0.703	0.187	0.266	-0.7	22.73
3966	40.4368	116.4621	-324.5	456	DS	0	0	0	0	89	39.8	1620	38	59	107	1.553	0.551	0.355	-0.7	22.73
3967	40.4372	116.4621	-323.9	464	DS	0	0	0	0	98	40.0	1776	49	43	138	0.878	0.312	0.355	-0.7	22.73
3968	40.4376	116.4621	-322.6	491	DS	0	0	0	0	82	40.5	1720	24	133	118	5.542	1.127	0.203	-0.7	22.75
3969	40.4381	116.4621	-321.7	514	DS	0	0	0	0	89	41.0	1808	37	50	208	1.351	0.240	0.178	-0.7	22.76
3970	40.4385	116.4621	-321.7	576	DS	0	0	0	0	85	42.2	1968	29	133	139	4.586	0.957	0.209	-0.7	22.77
3971	40.4389	116.4621	-323.0	592	DS	0	0	0	0	86	42.5	1785	44	72	122	1.636	0.590	0.361	-0.6	22.79
3972	40.4394	116.4621	-321.9	628	DS	0	0	0	0	93	43.1	1891	30	42	162	1.400	0.259	0.185	-0.6	22.80
3973	40.4398	116.4621	-319.7	652	DS	0	0	0	0	88	43.6	1781	22	95	143	4.318	0.664	0.154	-0.5	22.82
3974	40.4402	116.4621	-321.3	672	DS	0	0	0	0	94	43.9	2013	21	173	53	8.238	3.264	0.396	-0.5	22.84
3975	40.4407	116.4621	-318.5	702	DS	1	0	0	0	89	44.4	2019	30	110	158	3.667	0.696	0.190	-0.4	22.85
3976	40.4411	116.4621	-318.8	725	DS	1	0	0	0	96	44.8	1968	33	102	145	3.091	0.703	0.228	-0.4	22.86
3977	40.4415	116.4621	-315.9	746	DS	1	0	0	0	86	45.1	2023	30	71	142	2.367	0.500	0.211	-0.4	22.86
3978	40.4420	116.4621	-316.9	770	DS	1	0	0	0	84	45.5	2018	23	122	106	5.304	1.151	0.217	-0.4	22.87
3979	40.4424	116.4621	-317.7	798	DS	1	0	1	0	81	45.9	1863	61	15	161	0.246	0.093	0.379	-0.4	22.88
3980	40.4428	116.4621	-315.6	810	DS	1	0	0	0	85	46.1	2021	25	120	149	4.800	0.805	0.168	-0.3	22.89
3981	40.4432	116.4621	-317.3	812	DS	1	0	1	0	82	46.1	1878	37	29	197	0.784	0.147	0.188	-0.3	22.91
3982	40.4437	116.4621	-313.8	841	DS	1	0	0	0	86	46.5	1896	41	36	196	0.878	0.184	0.209	-0.2	22.92
3983	40.4441	116.4621	-312.9	856	DS	1	0	1	0	91	46.7	1785	31	23	186	0.742	0.124	0.167	0.0	22.93
3984	40.4445	116.4621	-315.0	865	DS	1	0	0	0	84	48.4	2078	51	108	106	2.118	1.019	0.481	0.0	22.94
3985	40.4450	116.4621	-310.2	872	DS	1	0	0	0	75	48.5	1947	22	181	79	8.227	2.291	0.278	0.0	22.95
3986	40.4454	116.4621	-312.3	893	DS	1	0	1	0	92	48.8	2495	55	23	201	0.418	0.114	0.274	0.0	22.95
3987	40.4458	116.4621	-312.8	924	DS	1	0	1	0	93	49.2	2259	65	-8	197	-0.123	-0.041	0.330	0.1	22.95

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3988	40.4463	116.4621	-309.6	858	DS	1	0	0	0	87	48.3	2035	21	99	102	4.714	0.971	0.206	0.0	22.97
3989	40.4467	116.4621	-314.2	845	DS	1	0	0	0	85	48.1	2149	32	99	176	3.094	0.563	0.182	0.0	22.99
3990	40.4471	116.4621	-311.8	831	DS	1	0	0	0	77	47.9	2065	40	87	128	2.175	0.680	0.313	-0.2	23.02
3991	40.4475	116.4621	-311.3	818	DS	1	0	0	0	89	47.7	2063	32	96	93	3.000	1.032	0.344	-0.3	23.05
3992	40.4480	116.4621	-309.2	808	DS	1	0	0	0	86	47.5	2001	66	35	113	0.530	0.310	0.584	-0.3	23.07
3993	40.4484	116.4621	-309.1	789	DS	1	0	0	0	83	47.3	2146	19	127	131	6.684	0.969	0.145	-0.3	23.09
3994	40.4488	116.4621	-303.2	771	DS	1	0	0	0	84	47.0	2052	42	76	104	1.810	0.731	0.404	-0.3	23.12
3995	40.4493	116.4621	-307.7	742	DS	1	0	0	0	81	46.5	2035	49	55	111	1.122	0.495	0.441	-0.4	23.14
3996	40.4497	116.4621	-307.8	720	DS	1	0	0	0	74	46.2	2028	24	55	152	2.292	0.362	0.158	-0.4	23.18
3997	40.4501	116.4621	-308.6	682	DS	0	0	0	0	76	45.5	1985	53	44	122	0.830	0.361	0.434	-0.5	23.21
3998	40.4506	116.4621	-306.5	664	DS	0	0	0	0	86	45.2	2005	42	39	187	0.929	0.209	0.225	-0.5	23.24
3999	40.4510	116.4621	-308.5	633	DS	0	0	0	0	83	44.7	2013	36	88	155	2.444	0.568	0.232	-0.5	23.27
4000	40.4514	116.4621	-304.9	590	DS	0	0	0	0	81	43.9	2164	50	83	155	1.660	0.535	0.323	-0.5	23.30
4001	40.4519	116.4621	-302.9	554	DS	0	0	0	0	83	43.2	1961	58	64	126	1.103	0.508	0.460	-0.5	23.33
4002	40.4523	116.4621	-300.7	516	DS	0	0	0	0	74	42.4	2018	45	74	179	1.644	0.413	0.251	-0.4	23.36
4003	40.4527	116.4621	-300.7	496	DS	0	0	0	0	76	51.2	2040	52	60	135	1.154	0.444	0.385	-0.4	23.38
4004	40.4531	116.4621	-303.4	490	DS	0	0	0	0	82	51.1	2105	43	79	184	1.837	0.429	0.234	-0.4	23.41
4005	40.4536	116.4621	-304.9	483	DS	0	0	0	0	72	50.9	2020	69	57	147	0.826	0.388	0.469	-0.4	23.43
4006	40.4540	116.4621	-303.4	484	DS	0	0	0	0	74	50.9	2196	37	67	251	1.811	0.267	0.147	-0.4	23.46
4007	40.4544	116.4621	-305.8	466	DS	0	0	0	0	81	50.4	2334	46	121	225	2.630	0.538	0.204	-0.4	23.48
4008	40.4549	116.4621	-303.6	431	DS	0	0	0	0	81	49.5	2194	54	94	158	1.741	0.595	0.342	-0.4	23.51
4009	40.4553	116.4621	-301.2	413	DS	0	0	0	0	76	49.0	2188	53	53	196	1.000	0.270	0.270	-0.4	23.54
4010	40.4557	116.4621	-300.5	370	DS	0	0	0	0	79	47.7	1865	33	174	141	5.273	1.234	0.234	-0.4	23.56
4011	40.4562	116.4621	-299.6	335	DS	0	0	0	0	71	46.7	1995	48	99	149	2.063	0.664	0.322	-0.4	23.57
4012	40.4566	116.4621	-299.1	329	DS	0	0	0	0	82	46.5	1854	33	180	134	5.455	1.343	0.246	-0.4	23.59
4013	40.4570	116.4621	-299.8	333	DS	0	0	0	0	72	46.6	1813	34	131	131	3.853	1.000	0.260	-0.4	23.60
4014	40.4574	116.4621	-299.6	356	DS	0	0	0	0	78	47.3	1924	40	156	127	3.900	1.228	0.315	-0.4	23.61
4015	40.4579	116.4621	-298.2	375	DS	0	0	0	0	73	47.9	1966	39	76	183	1.949	0.415	0.213	-0.4	23.61
4016	40.4583	116.4621	-296.3	359	DS	0	0	0	0	80	47.4	1876	57	119	129	2.088	0.922	0.442	-0.4	23.62
4017	40.4587	116.4620	-295.1	351	DS	0	0	0	0	80	47.2	1848	42	142	94	3.381	1.511	0.447	-0.4	23.63
4018	40.4592	116.4620	-295.2	363	DS	0	0	0	0	78	47.5	1803	38	108	119	2.842	0.908	0.319	-0.3	23.64
4019	40.4596	116.4620	-295.1	375	DS	0	0	0	0	68	47.9	1865	62	98	141	1.581	0.695	0.440	-0.3	23.64
4020	40.4600	116.4620	-295.3	382	DS	0	0	0	0	75	48.1	1895	58	117	122	2.017	0.959	0.475	-0.3	23.64
4021	40.4605	116.4620	-295.6	407	DS	0	0	0	0	90	48.8	1925	47	80	141	1.702	0.567	0.333	-0.3	23.64
4022	40.4609	116.4620	-294.3	411	DS	0	0	0	0	69	47.5	1801	33	121	129	3.667	0.938	0.256	-0.3	23.65
4023	40.4613	116.4620	-292.1	404	DS	0	0	0	0	77	47.3	1947	34	101	189	2.971	0.534	0.180	-0.3	23.65
4024	40.4617	116.4620	-290.5	408	DS	0	0	0	0	73	47.4	1960	50	101	159	2.020	0.635	0.314	-0.2	23.65
4025	40.4622	116.4620	-292.0	408	DS	0	0	0	0	76	47.4	2003	35	99	183	2.829	0.541	0.191	-0.2	23.66
4026	40.4626	116.4620	-289.7	410	DS	0	0	0	0	88	47.4	2034	40	103	186	2.575	0.554	0.215	0.0	23.66
4027	40.4630	116.4620	-292.4	410	DS	0	0	0	0	70	47.4	2000	59	47	212	0.797	0.222	0.278	0.0	23.66
4028	40.4635	116.4620	-292.1	415	DS	0	0	0	0	79	47.6	1909	48	82	164	1.708	0.500	0.293	0.0	23.66
4029	40.4639	116.4620	-291.8	421	DS	0	0	0	0	77	47.7	1875	32	100	187	3.125	0.535	0.171	0.1	23.66
4030	40.4643	116.4620	-292.1	421	DS	0	0	0	0	67	47.7	1883	30	117	142	3.900	0.824	0.211	0.2	23.67
4031	40.4648	116.4620	-290.6	414	DS	0	0	0	0	71	47.5	1859	34	202	108	5.941	1.870	0.315	0.2	23.67
4032	40.4652	116.4620	-291.2	404	DS	0	0	0	0	83	47.3	1745	42	70	163	1.667	0.429	0.258	0.3	23.68
4033	40.4656	116.4620	-290.3	384	DS	0	0	0	0	73	46.7	1764	58	65	124	1.121	0.524	0.468	0.3	23.68
4034	40.4661	116.4620	-290.7	367	DS	0	0	0	0	65	46.2	1685	44	118	98	2.682	1.204	0.449	0.4	23.69
4035	40.4665	116.4620	-290.4	367	DS	0	0	0	0	82	46.2	1620	22	149	121	6.773	1.231	0.182	0.4	23.69
4036	40.4669	116.4620	-288.7	364	DS	0	0	0	0	61	46.1	1747	65	49	134	0.754	0.366	0.485	0.4	23.70
4037	40.4673	116.4620	-288.0	354	DS	0	0	0	0	69	45.8	1771	39	76	127	1.949	0.598	0.307	0.5	23.70
4038	40.4678	116.4620	-287.3	350	DS	0	0	0	0	81	45.7	1758	30	143	106	4.767	1.349	0.283	0.5	23.71
4039	40.4682	116.4620	-286.9	364	DS	0	0	0	0	80	46.1	1812	35	142	87	4.057	1.632	0.402	0.5	23.71
4040	40.4686	116.4620	-287.6	364	DS	0	0	0	0	67	46.1	1774	50	108	109	2.160	0.991	0.459	0.5	23.72
4041	40.4691	116.4620	-289.4	365	DS	0	0	0	0	69	43.5	1687	46	81	162	1.761	0.500	0.284	0.6	23.73

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4042	40.4695	116.4620	-287.3	336	DS	0	0	0	0	63	42.7	1638	51	73	118	1.431	0.619	0.432	0.6	23.73
4043	40.4699	116.4620	-287.1	331	DS	0	0	0	0	74	42.5	1681	41	41	153	1.000	0.268	0.268	0.7	23.73
4044	40.4704	116.4620	-286.0	341	DS	0	0	0	0	72	42.8	1774	29	79	189	2.724	0.418	0.153	0.7	23.73
4045	40.4708	116.4620	-283.7	348	DS	0	0	0	0	72	43.0	1720	44	127	126	2.886	1.008	0.349	0.7	23.73
4046	40.4712	116.4620	-286.4	351	DS	0	0	0	0	75	43.1	1720	47	87	151	1.851	0.576	0.311	0.7	23.74
4047	40.4716	116.4620	-282.9	354	DS	0	0	0	0	86	43.2	1736	33	56	173	1.697	0.324	0.191	0.7	23.75
4048	40.4721	116.4620	-283.7	367	DS	0	0	0	0	65	43.5	1900	35	186	130	5.314	1.431	0.269	0.7	23.75
4049	40.4725	116.4620	-284.8	384	DS	0	0	0	0	75	44.0	1744	42	90	161	2.143	0.559	0.261	0.8	23.75
4050	40.4729	116.4620	-281.9	403	DS	0	0	0	0	72	44.5	1778	36	107	117	2.972	0.915	0.308	0.9	23.76
4051	40.4734	116.4620	-280.9	406	DS	0	0	1	0	80	44.6	1782	44	0	183	0.023	0.005	0.240	0.9	23.76
4052	40.4738	116.4620	-281.8	413	DS	0	0	0	0	66	44.7	1676	35	42	151	1.200	0.278	0.232	0.9	23.78
4053	40.4742	116.4620	-279.6	437	DS	0	0	0	0	80	45.3	1818	45	61	131	1.356	0.466	0.344	1.0	23.79
4054	40.4747	116.4620	-283.5	450	DS	0	0	0	0	69	45.7	1587	50	67	112	1.340	0.598	0.446	1.0	23.80
4055	40.4751	116.4620	-278.2	446	DS	0	0	0	0	81	45.6	1756	36	41	154	1.139	0.266	0.234	1.1	23.81
4056	40.4755	116.4620	-278.9	422	DS	0	0	0	0	65	45.0	1692	38	105	107	2.763	0.981	0.355	1.2	23.82
4057	40.4760	116.4620	-278.6	400	DS	0	0	0	0	71	44.4	1743	38	94	134	2.474	0.701	0.284	1.2	23.84
4058	40.4764	116.4620	-281.1	395	DS	0	0	1	0	68	44.3	1637	50	16	149	0.320	0.107	0.336	1.2	23.85
4059	40.4768	116.4620	-280.7	377	DS	0	0	0	0	78	43.8	1584	37	48	155	1.297	0.310	0.239	1.3	23.86
4060	40.4772	116.4620	-280.8	333	DS	0	0	1	0	82	37.9	1534	45	19	119	0.422	0.160	0.378	1.4	23.87
4061	40.4777	116.4620	-279.1	298	DS	0	0	0	0	77	37.0	1511	41	56	130	1.366	0.431	0.315	1.4	23.88
4062	40.4781	116.4620	-279.6	294	DS	0	0	0	0	76	36.9	1621	25	98	146	3.920	0.671	0.171	1.5	23.89
4063	40.4785	116.4620	-277.7	319	DS	0	0	0	0	78	37.6	1651	46	104	114	2.261	0.912	0.404	1.4	23.89
4064	40.4790	116.4620	-276.1	361	DS	0	0	0	0	78	38.6	1695	34	124	133	3.647	0.932	0.256	1.5	23.88
4065	40.4794	116.4620	-275.3	388	DS	0	0	0	0	70	39.3	1781	28	93	175	3.321	0.531	0.160	1.5	23.88
4066	40.4798	116.4620	-277.8	386	DS	0	0	0	0	66	39.2	1690	35	89	146	2.543	0.610	0.240	1.6	23.87
4067	40.4803	116.4620	-279.4	397	DS	0	0	0	0	80	39.5	1692	46	64	132	1.391	0.485	0.348	1.6	23.85
4068	40.4807	116.4620	-279.3	388	DS	0	0	0	0	70	39.3	1660	48	121	86	2.521	1.407	0.558	1.6	23.85
4069	40.4811	116.4620	-276.5	362	DS	0	0	0	0	72	38.6	1706	23	161	120	7.000	1.342	0.192	1.7	23.85
4070	40.4815	116.4619	-276.8	348	DS	0	0	0	0	74	38.3	1691	49	107	95	2.184	1.126	0.516	1.7	23.86
4071	40.4820	116.4619	-275.9	342	DS	0	0	0	0	74	38.2	1726	47	109	111	2.319	0.982	0.423	1.8	23.85
4072	40.4824	116.4619	-274.7	331	DS	0	0	0	0	71	37.9	1719	51	94	165	1.843	0.570	0.309	1.8	23.86
4073	40.4828	116.4619	-273.0	351	DS	0	0	0	0	71	38.4	1791	39	108	158	2.769	0.684	0.247	1.9	23.85
4074	40.4833	116.4619	-274.9	388	DS	0	0	0	0	73	39.3	1814	48	112	112	2.333	1.000	0.429	2.0	23.85
4075	40.4837	116.4619	-274.3	398	DS	0	0	0	0	83	39.5	1923	49	101	157	2.061	0.643	.312	2.0	23.84
4076	40.4841	116.4619	-275.2	388	DS	0	0	0	0	66	39.3	1722	39	83	172	2.128	0.483	.227	2.0	23.84
4077	40.4846	116.4619	-273.2	383	DS	0	0	0	0	69	39.1	1840	53	78	167	1.472	0.467	0.317	2.0	23.83
4078	40.4850	116.4619	-273.4	380	DS	0	0	0	0	78	39.1	1772	46	37	159	0.804	0.233	0.289	2.0	23.82
4079	40.4854	116.4619	-275.3	369	DS	0	0	0	0	77	40.6	1839	44	81	128	1.841	0.633	0.344	2.0	23.82
4080	40.4859	116.4619	-273.9	354	DS	0	0	0	0	70	40.2	1750	43	36	197	0.837	0.183	0.218	1.9	23.81
4081	40.4863	116.4619	-274.0	332	DS	0	0	1	0	69	39.7	1733	71	0	187	0.014	0.005	0.380	1.9	23.80
4082	40.4867	116.4619	-273.0	304	DS	0	0	0	0	67	38.9	1688	33	46	197	1.394	0.234	0.168	2.0	23.80
4083	40.4871	116.4619	-272.2	277	DS	0	0	0	0	73	38.2	1781	44	111	157	2.523	0.707	0.280	2.0	23.79
4084	40.4876	116.4619	-273.1	254	DS	0	0	0	0	73	37.6	1612	37	54	176	1.459	0.307	0.210	2.0	23.79
4085	40.4880	116.4619	-274.1	251	DS	0	0	0	0	76	37.5	1723	33	67	184	2.030	0.364	0.179	2.1	23.78
4086	40.4884	116.4619	-273.0	274	DS	0	0	0	0	77	38.1	1708	50	48	164	0.960	0.293	0.305	2.1	23.77
4087	40.4889	116.4619	-272.2	325	DS	0	0	0	0	77	39.5	1782	30	61	183	2.033	0.333	0.164	2.2	23.75
4088	40.4893	116.4619	-274.6	375	DS	0	0	0	0	70	40.8	1828	33	65	200	1.970	0.325	0.165	2.2	23.75
4089	40.4897	116.4619	-273.2	413	DS	0	0	0	0	82	41.7	1923	41	55	186	1.341	0.296	0.220	2.2	23.76
4090	40.4902	116.4619	-272.1	430	DS	0	0	0	0	74	42.1	1884	39	102	174	2.615	0.586	0.224	2.3	23.77
4091	40.4906	116.4619	-271.3	434	DS	0	0	1	0	72	42.2	1802	48	5	193	0.104	0.026	0.249	2.4	23.76
4092	40.4910	116.4619	-272.1	458	DS	0	0	0	0	62	42.8	1781	51	74	160	1.451	0.462	0.319	2.4	23.76
4093	40.4914	116.4619	-270.6	487	DS	0	0	0	0	84	43.4	1922	36	107	131	2.972	0.817	0.275	2.5	23.76
4094	40.4919	116.4619	-271.7	495	DS	0	0	0	0	77	43.6	1713	29	60	174	2.069	0.345	0.167	2.5	23.76
4095	40.4923	116.4619	-272.7	496	DS	0	0	1	0	61	43.6	1737	41	14	185	0.341	0.076	0.222	2.6	23.76

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4096	40.4927	116.4619	-271.3	489	DS	0	0	0	0	85	43.5	1647	34	75	142	2.206	0.528	0.239	2.6	23.76
4097	40.4932	116.4619	-270.9	476	DS	0	0	0	0	72	43.2	1572	33	32	137	0.970	0.234	0.241	2.8	23.75
4098	40.4936	116.4619	-268.6	468	DS	0	0	0	0	83	41.4	1745	52	62	127	1.192	0.488	0.409	2.9	23.75
4099	40.4940	116.4619	-267.7	464	DS	0	0	0	0	82	41.4	1682	37	56	159	1.514	0.352	0.233	3.0	23.76
4100	40.4945	116.4619	-269.9	435	DS	0	0	0	0	77	40.7	1776	50	34	139	0.680	0.245	0.360	3.0	23.76
4101	40.4949	116.4619	-269.0	388	DS	0	0	0	0	79	39.6	1668	32	77	144	2.406	0.535	0.222	3.0	23.77
4102	40.4953	116.4619	-268.2	365	DS	0	0	0	0	74	39.1	1667	48	27	154	0.563	0.175	0.312	3.0	23.77
4103	40.4957	116.4619	-270.8	353	DS	0	0	0	0	78	38.8	1689	21	67	186	3.190	0.360	0.113	3.0	23.78
4104	40.4962	116.4619	-267.9	338	DS	0	0	0	0	75	38.4	1740	30	78	163	2.600	0.479	0.184	3.0	23.78
4105	40.4966	116.4619	-269.2	326	DS	0	0	0	0	78	38.1	1653	32	89	131	2.781	0.679	0.244	3.0	23.78
4106	40.4970	116.4619	-268.2	326	DS	0	0	0	0	74	38.1	1672	38	104	128	2.737	0.813	0.297	3.0	23.78
4107	40.4975	116.4619	-268.7	329	DS	0	0	0	0	75	38.2	1679	26	89	169	3.423	0.527	0.154	3.1	23.78
4108	40.4979	116.4619	-266.5	322	DS	0	0	0	0	81	38.0	1722	45	98	133	2.178	0.737	0.338	3.1	23.79
4109	40.4983	116.4619	-268.4	324	DS	0	0	0	0	78	38.0	1821	30	143	132	4.767	1.083	0.227	3.1	23.79
4110	40.4988	116.4619	-265.7	347	DS	0	0	0	0	75	38.6	1852	36	140	138	3.889	1.014	0.261	3.1	23.80
4111	40.4992	116.4619	-266.6	386	DS	0	0	0	0	74	39.6	1904	45	31	216	0.689	0.144	0.208	3.1	23.81
4112	40.4996	116.4619	-266.3	420	DS	0	0	0	0	73	40.4	1947	44	38	244	0.864	0.156	0.180	3.1	23.81
4113	40.5001	116.4619	-267.4	442	DS	0	0	0	0	79	40.9	1952	44	100	156	2.273	0.641	0.282	3.2	23.82
4115	40.5009	116.4619	-265.3	479	DS	0	0	0	0	83	41.7	1916	36	63	184	1.750	0.342	0.196	3.2	23.84
4116	40.5013	116.4619	-263.9	495	DS	0	0	0	0	67	42.0	1951	40	109	160	2.725	0.681	0.250	3.3	23.85
4117	40.5018	116.4619	-262.9	496	DS	0	0	1	0	70	42.0	1850	41	17	216	0.415	0.079	0.190	3.3	23.85
4118	40.5022	116.4619	-265.1	499	DS	0	0	0	0	74	36.8	1733	33	100	166	3.030	0.602	0.199	3.3	23.86
4119	40.5026	116.4619	-263.8	500	DS	0	0	0	0	74	36.9	1557	27	65	142	2.407	0.458	0.190	3.4	23.87
4120	40.5031	116.4619	-265.0	505	DS	0	0	0	0	63	37.0	1677	33	118	108	3.576	1.093	0.306	3.4	23.88
4121	40.5035	116.4619	-263.1	490	DS	0	0	0	0	72	36.7	1553	41	111	111	2.707	1.000	0.369	3.4	23.90
4122	40.5039	116.4619	-260.2	479	DS	0	0	0	0	66	36.5	1675	35	86	106	2.457	0.811	0.330	3.5	23.90
4123	40.5044	116.4619	-260.1	460	DS	0	0	0	0	70	36.1	1617	36	71	125	1.972	0.568	0.288	3.5	23.92
4124	40.5048	116.4618	-263.5	442	DS	0	0	0	0	70	35.8	1793	37	108	126	2.919	0.857	0.294	3.5	23.93
4125	40.5052	116.4618	-260.7	438	DS	0	0	0	0	77	35.7	1720	50	58	117	1.160	0.496	0.427	3.5	23.95
4126	40.5056	116.4618	-259.3	458	DS	0	0	0	0	71	36.1	1767	34	53	152	1.559	0.349	0.224	3.6	23.96
4127	40.5061	116.4618	-258.1	476	DS	0	0	0	0	81	36.4	1790	36	48	160	1.333	0.300	0.225	3.6	23.99
4128	40.5065	116.4618	-261.3	485	DS	0	0	0	0	77	36.6	1909	47	130	123	2.766	1.057	0.382	3.6	24.01
4129	40.5069	116.4618	-255.2	491	DS	0	0	0	0	77	36.7	1755	46	81	141	1.761	0.574	0.326	3.7	24.02
4130	40.5074	116.4618	-256.4	494	DS	0	0	0	0	67	36.8	1814	27	128	114	4.741	1.123	0.237	3.8	24.03
4131	40.5078	116.4618	-253.2	494	DS	0	0	0	0	66	36.8	1801	38	102	121	2.684	0.843	0.314	3.8	24.03
4132	40.5082	116.4618	-255.6	498	DS	0	0	0	0	72	36.8	1714	44	51	170	1.159	0.300	0.259	3.9	24.04
4133	40.5087	116.4618	-254.6	499	DS	0	0	0	0	71	36.9	1882	29	119	132	4.103	0.902	0.220	4.0	24.05
4134	40.5091	116.4618	-251.4	497	DS	0	0	0	0	68	36.8	1758	42	99	128	2.357	0.773	0.328	4.0	24.07
4135	40.5095	116.4618	-251.1	493	DS	0	0	0	0	74	36.7	1787	24	137	109	5.708	1.257	0.220	4.1	24.07
4136	40.5100	116.4618	-247.8	495	DS	0	0	0	0	69	36.8	1786	35	61	184	1.743	0.332	0.190	4.1	24.08
4137	40.5104	116.4618	-245.1	488	QF	0	0	0	0	61	30.2	1902	33	136	152	4.121	0.895	0.217	4.2	24.10
4138	40.5108	116.4618	-245.3	469	QF	0	0	0	0	78	29.9	1715	29	64	133	2.207	0.481	0.218	4.2	24.10
4139	40.5112	116.4618	-247.5	469	QF	0	0	0	0	71	29.9	1718	32	91	138	2.844	0.659	0.232	4.3	24.12
4140	40.5117	116.4618	-249.8	466	QF	0	0	0	0	68	29.9	1723	44	52	150	1.182	0.347	0.293	4.3	24.14
4141	40.5121	116.4618	-251.4	445	QF	0	0	0	0	68	29.5	1628	29	71	146	2.448	0.486	0.199	4.3	24.15
4142	40.5125	116.4618	-251.3	461	QF	0	0	0	0	60	29.8	1848	23	128	163	5.565	0.785	0.141	4.4	24.17
4143	40.5130	116.4618	-252.8	487	QF	0	0	0	0	67	30.2	1819	50	51	178	1.020	0.237	0.281	4.4	24.19
4144	40.5134	116.4618	-250.5	492	QF	0	0	0	0	68	30.3	1997	44	141	105	3.205	1.343	0.419	4.5	24.20
4145	40.5138	116.4618	-248.7	463	QF	0	0	0	0	73	29.8	1782	31	178	79	5.742	2.253	0.392	4.5	24.21
4146	40.5143	116.4618	-246.7	433	QF	0	0	0	0	74	29.3	1747	42	76	122	1.810	0.623	0.344	4.5	24.22
4147	40.5147	116.4618	-247.2	428	QF	0	0	0	0	82	29.3	1843	45	64	121	1.422	0.529	0.372	4.5	24.23
4148	40.5151	116.4618	-247.5	424	QF	0	0	0	0	69	29.2	1778	33	109	135	3.303	0.807	0.244	4.5	24.25
4150	40.5159	116.4616	-244.4	466	QOA2	0	0	0	0	69	29.9	1780	38	43	145	1.132	0.297	0.262	4.5	24.27
4151	40.5163	116.4615	-243.1	496	QOA2	0	0	0	0	78	30.3	1886	27	129	147	4.778	0.878	0.184	4.5	24.28

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4152	40.5166	116.4614	-240.9	494	QOA2	0	0	0	0	67	30.3	1933	36	93	191	2.583	0.487	0.188	4.5	24.30
4153	40.5170	116.4613	-239.5	476	QOA2	0	0	0	0	64	30.0	1716	51	59	127	1.157	0.465	0.402	4.5	24.31
4155	40.5178	116.4611	-234.7	418	QOA2	0	0	0	0	63	29.1	1789	31	104	133	3.355	0.782	0.233	4.5	24.33
4156	40.5182	116.4610	-232.8	400	QOA2	0	0	0	0	72	28.8	1637	36	131	111	3.639	1.180	0.324	4.5	24.34
4157	40.5186	116.4609	-231.6	395	QOA2	0	0	0	0	70	28.7	1757	37	90	158	2.432	0.570	0.234	4.6	24.35
4158	40.5189	116.4608	-231.0	396	QOA2	0	0	0	0	70	30.2	1788	49	72	154	1.469	0.468	0.318	4.6	24.35
4160	40.5197	116.4606	-226.9	378	QOA2	0	0	0	0	71	29.9	1788	37	134	150	3.622	0.893	0.247	4.6	24.36
4161	40.5201	116.4605	-224.3	362	QOA2	0	0	0	0	73	29.6	1717	29	161	103	5.552	1.563	0.282	4.7	24.37
4162	40.5205	116.4604	-224.3	348	QOA2	0	0	0	0	68	29.3	1693	33	78	172	2.364	0.453	0.192	4.7	24.37
4163	40.5209	116.4603	-223.7	330	QOA2	0	0	0	0	70	29.0	1757	34	124	155	3.647	0.800	0.219	4.7	24.38
4164	40.5212	116.4602	-219.7	332	QOA2	0	0	0	0	69	29.0	1834	61	101	129	1.656	0.783	0.473	4.8	24.38
4165	40.5216	116.4601	-216.6	339	QOA2	0	0	0	0	69	29.2	1906	50	147	138	2.940	1.065	0.362	4.9	24.38
4166	40.5220	116.4600	-213.3	342	QOA2	0	0	0	0	62	29.2	1852	42	160	151	3.810	1.060	0.278	5.0	24.39
4168	40.5228	116.4598	-208.3	342	QOA2	0	0	0	0	66	29.2	1892	54	112	143	2.074	0.783	0.378	5.0	24.40
4169	40.5231	116.4597	-205.0	338	QOA2	0	0	0	0	66	29.2	1903	46	132	157	2.870	0.841	0.293	5.0	24.40
4170	40.5235	116.4596	-202.0	336	QOA2	0	0	0	0	67	29.1	1903	52	107	145	2.058	0.738	0.359	5.0	24.40
4171	40.5239	116.4595	-197.0	332	QOA2	0	0	0	0	69	29.0	1845	44	78	218	1.773	0.358	0.202	5.1	24.41
4173	40.5247	116.4593	-192.7	345	QOA2	0	0	0	0	66	29.3	1896	50	70	199	1.400	0.352	0.251	5.2	24.41
4174	40.5251	116.4592	-193.1	350	QOA2	0	0	0	0	75	29.4	1813	58	70	126	1.207	0.556	0.460	5.2	24.41
4175	40.5254	116.4591	-191.8	353	QOA2	0	0	0	0	64	29.4	1843	38	55	219	1.447	0.251	0.174	5.3	24.41
4176	40.5258	116.4590	-192.4	362	QOA2	0	0	0	0	60	29.6	1836	42	151	147	3.595	1.027	0.286	5.4	24.41
4177	40.5262	116.4589	-188.6	370	QOA2	0	0	0	0	65	29.7	2067	53	102	209	1.925	0.488	0.254	5.5	24.41
4178	40.5266	116.4588	-184.5	380	QOA2	0	0	0	0	66	29.9	1897	55	121	163	2.200	0.742	0.337	5.5	24.41
4179	40.5270	116.4587	-179.9	387	QOA2	0	0	0	0	68	30.1	1960	48	97	185	2.021	0.524	0.259	5.6	24.41
4181	40.5277	116.4585	-181.2	384	QOA2	0	0	0	0	69	36.5	1938	40	112	160	2.800	0.700	0.250	5.7	24.41
4182	40.5281	116.4584	-177.3	391	QOA2	0	0	0	0	65	36.7	2065	54	66	187	1.222	0.353	0.289	5.7	24.41
4183	40.5285	116.4583	-176.8	396	QOA2	0	0	0	0	72	36.8	1953	52	112	136	2.154	0.824	0.382	5.7	24.41
4184	40.5289	116.4582	-171.2	401	QOA2	0	0	0	0	64	36.9	1982	54	38	207	0.704	0.184	0.261	5.7	24.42
4186	40.5296	116.4580	-165.7	394	QOA2	0	0	0	0	64	36.7	2022	51	110	141	2.157	0.780	0.362	5.7	24.43
4187	40.5300	116.4579	-162.5	388	QOA2	0	0	0	0	73	36.6	1966	51	98	157	1.922	0.624	0.325	5.7	24.44
4189	40.5308	116.4577	-155.1	397	QOA2	0	0	0	0	72	36.8	1933	51	84	191	1.647	0.440	0.267	5.7	24.44
4190	40.5312	116.4576	-152.4	395	QOA2	0	0	0	0	55	36.8	1883	52	127	179	2.442	0.709	0.291	5.7	24.43
4191	40.5316	116.4576	-148.6	368	QOA2	0	0	0	0	64	36.2	2006	47	80	190	1.702	0.421	0.247	5.7	24.43
4192	40.5320	116.4577	-143.3	362	QOA2	0	0	0	0	60	36.0	2025	44	149	169	3.386	0.882	0.260	5.7	24.43
4193	40.5324	116.4577	-143.1	363	QOA2	0	0	0	0	67	36.1	2133	55	91	165	1.655	0.552	0.333	5.7	24.44
4194	40.5328	116.4577	-139.5	364	QOA2	0	0	0	0	66	36.1	2134	56	110	168	1.964	0.655	0.333	5.8	24.43
4195	40.5332	116.4577	-135.7	370	QOA2	0	0	0	0	66	36.2	2091	47	88	178	1.872	0.494	0.264	5.8	24.44
4197	40.5340	116.4577	-131.1	366	QOA2	0	0	0	0	70	36.1	2228	47	111	213	2.362	0.521	0.221	5.8	24.43
4198	40.5344	116.4578	-125.9	365	QOA2	0	0	0	0	66	36.1	2142	64	100	174	1.563	0.575	0.368	5.8	24.44
4199	40.5348	116.4578	-125.1	367	QOA2	0	0	0	0	73	36.1	2114	47	145	174	3.295	0.833	0.253	5.8	24.44
4200	40.5352	116.4578	-123.2	372	QOA2	0	0	0	0	79	36.3	2116	48	99	211	2.063	0.469	0.227	5.8	24.43
4201	40.5356	116.4578	-123.2	378	QOA2	0	0	0	0	69	36.4	2032	63	81	177	1.286	0.458	0.356	5.8	24.44
4202	40.5360	116.4578	-120.5	388	QOA2	0	0	0	0	63	36.6	2163	61	88	181	1.443	0.486	0.337	5.8	24.44
4203	40.5364	116.4578	-119.6	403	QOA2	0	0	0	0	67	42.2	2163	50	97	205	1.940	0.473	0.244	5.7	24.44
4205	40.5372	116.4579	-116.0	386	QOA2	0	0	0	0	66	41.8	2021	46	65	197	1.413	0.330	0.234	5.6	24.45
4206	40.5376	116.4579	-112.2	417	QOA2	0	0	0	0	75	42.5	2019	44	117	146	2.659	0.801	0.301	5.6	24.45
4207	40.5381	116.4579	-108.8	423	QOA2	0	0	0	0	63	42.7	1967	50	103	169	2.060	0.609	0.296	5.6	24.45
4208	40.5385	116.4579	-102.2	404	QOA2	0	0	0	0	66	42.2	1946	39	137	147	3.513	0.932	0.265	5.7	24.44
4210	40.5393	116.4579	-95.0	369	QOA2	0	0	0	0	58	41.3	2003	48	154	159	3.208	0.969	0.302	5.7	24.44
4211	40.5397	116.4580	-94.3	384	QOA2	0	0	0	0	56	41.7	2131	61	74	200	1.213	0.370	0.305	5.6	24.43
4213	40.5405	116.4580	-86.0	379	QOA2	0	0	0	0	66	41.6	1907	40	144	144	3.600	1.000	0.278	5.6	24.43
4214	40.5409	116.4580	-81.1	366	QOA2	0	0	0	0	60	41.3	2017	51	98	178	1.922	0.551	0.287	5.6	24.43
4215	40.5413	116.4580	-77.1	361	QOA2	0	0	0	0	68	41.1	1972	54	86	172	1.593	0.500	0.314	5.6	24.44
4216	40.5417	116.4580	-75.3	364	QOA2	0	0	0	0	78	41.2	2038	55	94	185	1.709	0.508	0.297	5.7	24.43

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4217	40.5421	116.4581	-72.6	384	QOA2	0	0	0	0	62	41.7	1991	52	70	180	1.346	0.389	0.289	5.7	24.43
4218	40.5425	116.4581	-68.1	383	QOA2	0	0	0	0	69	41.7	1979	52	53	191	1.019	0.277	0.272	5.6	24.43
4219	40.5429	116.4581	-63.4	365	QOA2	0	0	0	0	66	41.2	1982	35	144	150	4.114	0.960	0.233	5.6	24.43
4221	40.5437	116.4581	-55.2	358	QOA2	0	0	0	0	62	41.0	2135	61	66	193	1.082	0.342	0.316	5.6	24.42
4222	40.5441	116.4581	-55.1	358	QOA2	0	0	0	0	64	41.1	2118	66	41	232	0.621	0.177	0.284	5.5	24.42
4223	40.5445	116.4581	-52.3	360	QOA2	0	0	0	0	78	41.1	2054	47	129	177	2.745	0.729	0.266	5.5	24.42
4224	40.5449	116.4582	-52.8	362	QOA2	0	0	1	0	64	41.2	2089	63	9	199	0.143	0.045	0.317	5.5	24.41
4226	40.5457	116.4582	-59.0	386	QOA2	0	0	0	0	65	41.8	2151	36	52	238	1.444	0.218	0.151	5.5	24.41
4227	40.5461	116.4582	-59.6	426	QOA2	0	0	0	0	75	36.6	2153	52	127	197	2.442	0.645	0.264	5.5	24.40
4229	40.5470	116.4582	-56.1	427	QOA2	0	0	0	0	67	36.7	1829	48	105	151	2.188	0.695	0.318	5.5	24.40
4230	40.5474	116.4583	-50.2	405	QOA2	0	0	0	0	72	36.2	1903	50	95	157	1.900	0.605	0.318	5.5	24.39
4231	40.5478	116.4583	-48.1	385	QOA2	0	0	0	0	71	35.8	1949	43	82	197	1.907	0.416	0.218	5.5	24.38
4232	40.5482	116.4583	-48.6	383	QOA2	0	0	0	0	66	35.7	1909	62	93	107	1.500	0.869	0.579	5.4	24.38
4233	40.5486	116.4583	-53.8	382	QOA2	0	0	0	0	75	35.7	2026	42	115	172	2.738	0.669	0.244	5.4	24.38
4234	40.5490	116.4583	-59.3	381	QOA2	0	0	0	0	63	35.7	2024	52	78	171	1.500	0.456	0.304	5.3	24.37
4235	40.5494	116.4583	-63.8	383	QOA2	0	0	0	0	68	35.7	1986	50	107	179	2.140	0.598	0.279	5.3	24.37
4237	40.5502	116.4584	-76.5	410	QOA2	0	0	0	0	77	36.3	2028	62	30	167	0.484	0.180	0.371	5.2	24.37
4238	40.5506	116.4584	-78.8	395	QOA2	0	0	0	0	74	36.0	2007	57	91	153	1.596	0.595	0.373	5.1	24.38
4239	40.5510	116.4584	-81.9	374	QOA2	0	0	0	0	67	35.5	1976	55	95	158	1.727	0.601	0.348	5.0	24.38
4240	40.5514	116.4584	-87.3	359	QOA2	0	0	0	0	55	35.2	1946	44	169	120	3.841	1.408	0.367	5.0	24.38
4241	40.5518	116.4584	-93.3	350	QOA2	0	0	0	0	72	35.0	2046	49	73	191	1.490	0.382	0.257	4.9	24.39
4242	40.5522	116.4584	-104.1	344	QOA2	0	0	0	0	71	34.9	2079	59	105	175	1.780	0.600	0.337	4.9	24.39
4243	40.5526	116.4585	-109.8	345	QOA2	0	0	0	0	73	34.9	2045	56	106	208	1.893	0.510	0.269	4.9	24.40
4245	40.5534	116.4585	-126.8	332	QOA2	0	0	0	0	67	34.6	1987	62	76	189	1.226	0.402	0.328	4.8	24.40
4246	40.5538	116.4585	-131.8	333	QOA2	0	0	0	0	65	34.6	1857	47	148	157	3.149	0.943	0.299	4.9	24.40
4247	40.5542	116.4585	-135.3	331	QOA2	0	0	0	0	58	34.6	2052	51	75	204	1.471	0.368	0.250	4.9	24.40
4248	40.5546	116.4585	-139.5	335	QOA2	0	0	0	0	58	34.7	1854	39	162	168	4.154	0.964	0.232	4.8	24.40
4249	40.5550	116.4585	-141.1	346	QOA2	0	0	0	0	73	32.9	1749	41	107	132	2.610	0.811	0.311	4.8	24.40
4250	40.5555	116.4586	-147.2	363	QOA2	0	0	0	0	66	33.3	1940	41	101	154	2.463	0.656	0.266	4.8	24.39
4251	40.5559	116.4586	-144.9	394	QOA2	0	0	1	0	70	33.9	2015	63	14	199	0.222	0.070	0.317	4.8	24.39
4252	40.5563	116.4586	-149.4	442	QOA2	0	0	0	0	68	34.8	1946	46	63	175	1.370	0.360	0.263	4.7	24.38
4253	40.5567	116.4586	-144.3	453	QOA2	0	0	0	0	72	35.1	1877	50	47	164	0.940	0.287	0.305	4.7	24.38
4254	40.5571	116.4586	-139.8	453	QOA2	0	0	0	0	75	35.1	1845	30	83	159	2.767	0.522	0.189	4.7	24.38
4255	40.5575	116.4586	-131.9	465	QOA2	0	0	0	0	74	35.3	1868	36	110	111	3.056	0.991	0.324	4.6	24.39
4256	40.5579	116.4587	-118.4	465	QOA2	0	0	0	0	61	35.3	1812	31	116	144	3.742	0.806	0.215	4.6	24.39
4257	40.5583	116.4587	-114.9	462	QOA2	0	0	0	0	73	35.2	1703	33	60	146	1.818	0.411	0.226	4.5	24.39
4258	40.5587	116.4587	-112.9	459	QOA2	0	0	0	0	66	35.2	1673	45	52	154	1.156	0.338	0.292	4.5	24.39
4259	40.5591	116.4587	-109.8	454	QOA2	0	0	0	0	69	35.1	1678	43	27	159	0.628	0.170	0.270	4.5	24.39
4260	40.5595	116.4587	-110.4	449	QF	0	0	1	0	72	35.0	1574	45	17	157	0.378	0.108	0.287	4.5	24.39
4261	40.5599	116.4587	-112.6	445	QF	0	0	0	0	62	34.9	1505	31	49	113	1.581	0.434	0.274	4.5	24.39
4262	40.5603	116.4587	-119.1	446	QF	0	0	0	0	73	34.9	1515	30	49	125	1.633	0.392	0.240	4.5	24.39
4264	40.5611	116.4588	-135.7	449	QF	0	0	0	0	74	35.0	1543	32	99	76	3.094	1.303	0.421	4.5	24.39
4265	40.5615	116.4588	-144.0	448	QF	0	0	1	0	69	35.0	1569	19	-2	216	-0.105	-0.009	0.088	4.5	24.39
4266	40.5619	116.4588	-154.7	448	QF	0	0	0	0	72	35.0	1645	43	83	104	1.930	0.798	0.413	4.5	24.39
4267	40.5623	116.4588	-164.2	444	QF	0	0	1	0	68	34.9	1493	46	-13	150	-0.283	-0.087	0.307	4.4	24.40
4268	40.5627	116.4588	-172.4	446	QF	0	0	0	0	69	34.9	1513	31	41	153	1.323	0.268	0.203	4.4	24.40
4269	40.5631	116.4589	-185.5	453	QF	0	0	0	0	72	35.0	1629	31	70	146	2.258	0.479	0.212	4.4	24.40
4270	40.5635	116.4589	-190.4	462	QF	0	0	0	0	60	35.2	1716	33	104	132	3.152	0.788	0.250	4.3	24.40
4272	40.5644	116.4589	-191.7	483	QF	0	0	0	0	72	35.6	1899	46	96	173	2.087	0.555	0.266	4.3	24.39
4273	40.5648	116.4589	-194.9	487	QF	0	0	0	0	69	35.6	1937	44	105	128	2.386	0.820	0.344	4.3	24.39
4274	40.5652	116.4589	-194.3	487	QF	0	0	0	0	68	35.6	1877	57	53	169	0.930	0.314	0.337	4.3	24.39
4275	40.5656	116.4589	-195.3	489	QF	0	0	0	0	65	35.7	2005	20	151	196	7.550	0.770	0.102	4.3	24.40
4276	40.5660	116.4590	-195.2	490	QF	0	0	0	0	59	35.7	2029	36	117	210	3.250	0.557	0.171	4.4	24.40
4277	40.5664	116.4590	-193.7	490	QF	0	0	0	0	63	35.7	1971	40	140	124	3.500	1.129	0.323	4.4	24.39

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4278	40.5668	116.4590	-192.7	490	QF	0	0	0	0	67	35.7	1969	30	131	180	4.367	0.728	0.167	4.4	24.39
4280	40.5676	116.4590	-185.3	491	QF	0	0	0	0	66	35.7	1929	37	99	168	2.676	0.589	0.220	4.4	24.38
4281	40.5680	116.4590	-177.6	488	QF	0	0	0	0	73	35.6	1876	38	60	190	1.579	0.316	0.200	4.4	24.38
4282	40.5684	116.4591	-167.8	487	QF	0	0	0	0	68	35.6	1915	47	129	96	2.745	1.344	0.490	4.4	24.38
4283	40.5688	116.4591	-170.6	477	QF	0	0	0	0	67	35.5	2026	41	81	179	1.976	0.453	0.229	4.3	24.37
4284	40.5692	116.4591	-169.2	470	QF	0	0	0	0	70	35.3	1979	50	78	174	1.560	0.448	0.287	4.2	24.37
4285	40.5696	116.4591	-166.4	463	QF	0	0	0	0	68	35.2	1981	54	79	151	1.463	0.523	0.358	4.2	24.37
4286	40.5700	116.4591	-164.5	453	QF	0	0	0	0	58	35.0	1896	45	86	177	1.911	0.486	0.254	4.1	24.37
4287	40.5704	116.4591	-160.2	452	QF	0	0	0	0	67	35.0	1820	50	74	147	1.480	0.503	0.340	4.1	24.37
4288	40.5708	116.4591	-163.1	457	QF	0	0	0	0	64	35.1	1851	34	73	172	2.147	0.424	0.198	4.2	24.37
4289	40.5712	116.4592	-162.8	466	QF	0	0	0	0	68	35.2	1902	36	119	147	3.306	0.810	0.245	4.2	24.36
4290	40.5716	116.4592	-162.1	479	QF	0	0	0	0	73	43.2	1958	51	56	164	1.098	0.341	0.311	4.2	24.35
4291	40.5720	116.4592	-161.5	487	QF	0	0	0	0	70	43.4	1955	41	76	162	1.854	0.469	0.253	4.2	24.34
4292	40.5724	116.4592	-163.0	487	QF	0	0	0	0	64	43.4	1875	49	88	186	1.796	0.473	0.263	4.2	24.34
4293	40.5728	116.4592	-160.4	486	QF	0	0	0	0	72	43.4	1857	22	88	179	4.000	0.492	0.123	4.3	24.34
4294	40.5733	116.4592	-161.2	482	QF	0	0	1	0	63	43.3	1809	66	11	161	0.167	0.068	0.410	4.3	24.33
4295	40.5737	116.4593	-163.5	475	QF	0	0	0	0	67	43.1	1914	32	151	99	4.719	1.525	0.323	4.3	24.33
4296	40.5741	116.4593	-163.7	472	QF	0	0	0	0	79	43.1	1852	30	107	136	3.567	0.787	0.221	4.3	24.33
4297	40.5745	116.4593	-165.1	479	QF	0	0	0	0	74	43.2	1847	53	73	163	1.377	0.448	0.325	4.3	24.33
4298	40.5749	116.4593	-165.6	484	QF	0	0	0	0	64	43.3	1783	47	78	113	1.660	0.690	0.416	4.3	24.33
4299	40.5753	116.4593	-166.0	482	QF	0	0	0	0	72	43.3	1896	31	101	135	3.258	0.748	0.230	4.3	24.32
4300	40.5757	116.4593	-165.5	479	QF	0	0	0	0	71	43.2	1809	48	40	179	0.833	0.223	0.268	4.2	24.32
4301	40.5761	116.4594	-167.0	481	QF	0	0	0	0	60	43.3	1791	27	97	149	3.593	0.651	0.181	4.3	24.31
4302	40.5765	116.4594	-168.4	488	QF	0	0	0	0	76	43.4	1847	55	61	137	1.109	0.445	0.401	4.3	24.31
4303	40.5769	116.4594	-168.1	490	QF	0	0	0	0	71	43.5	1720	38	36	133	0.947	0.271	0.286	4.3	24.31
4304	40.5773	116.4594	-168.1	490	QF	0	0	0	0	76	43.5	1764	36	79	124	2.194	0.637	0.290	4.3	24.31
4305	40.5777	116.4594	-169.5	491	QF	0	0	0	0	65	43.5	1747	29	124	98	4.276	1.265	0.296	4.3	24.31
4307	40.5785	116.4594	-169.7	491	QF	0	0	0	0	68	43.5	1774	51	77	96	1.510	0.802	0.531	4.4	24.30
4308	40.5789	116.4595	-173.9	490	QF	0	0	0	0	69	43.5	1747	27	66	126	2.444	0.524	0.214	4.3	24.30
4310	40.5797	116.4595	-177.1	489	QF	0	0	0	0	66	43.4	1688	34	67	134	1.971	0.500	0.254	4.3	24.29
4311	40.5801	116.4595	-180.8	489	QF	0	0	0	0	65	44.6	1761	36	108	124	3.000	0.871	0.290	4.4	24.29
4312	40.5805	116.4595	-180.5	492	QF	0	0	0	0	74	44.6	1883	33	179	72	5.424	2.486	0.458	4.4	24.29
4313	40.5809	116.4595	-181.0	491	QF	0	0	1	0	62	44.6	1877	44	6	207	0.136	0.029	0.213	4.5	24.28
4314	40.5813	116.4596	-181.0	488	QF	0	0	0	0	68	44.5	1929	46	82	140	1.783	0.586	0.329	4.5	24.27
4315	40.5818	116.4596	-181.7	487	QF	0	0	0	0	75	44.5	1991	16	133	151	8.313	0.881	0.106	4.6	24.27
4316	40.5822	116.4596	-177.9	489	QF	0	0	0	0	74	44.6	1977	28	99	184	3.536	0.538	0.152	4.6	24.26
4318	40.5830	116.4596	-165.6	457	QF	0	0	0	0	75	43.8	1838	25	154	106	6.160	1.453	0.236	4.5	24.25
4319	40.5834	116.4596	-160.5	438	QF	0	0	0	0	70	43.4	1954	36	143	151	3.972	0.947	0.238	4.5	24.24
4320	40.5838	116.4596	-154.6	446	SE	0	0	0	0	68	43.6	1979	37	71	177	1.919	0.401	0.209	4.5	24.24
4321	40.5842	116.4597	-147.9	444	SE	0	0	0	0	68	43.5	2053	36	150	146	4.167	1.027	0.247	4.5	24.24
4322	40.5846	116.4597	-142.9	436	SE	0	0	0	0	64	43.3	1913	27	91	178	3.370	0.511	0.152	4.5	24.24
4323	40.5850	116.4597	-136.6	435	SE	0	0	0	0	68	43.3	1980	37	95	153	2.568	0.621	0.242	4.4	24.24
4324	40.5854	116.4597	-131.7	420	SE	0	0	0	0	64	42.9	1923	38	90	182	2.368	0.495	0.209	4.4	24.24
4325	40.5858	116.4597	-127.5	406	SE	0	0	0	0	63	42.6	1730	33	59	193	1.788	0.306	0.171	4.4	24.24
4326	40.5862	116.4597	-121.2	447	SE	0	0	0	0	67	43.6	1897	33	124	167	3.758	0.743	0.198	4.4	24.24
4327	40.5866	116.4598	-112.9	476	SE	0	0	0	0	75	44.3	2064	49	53	170	1.082	0.312	0.288	4.5	24.23
4328	40.5870	116.4598	-105.9	441	SE	0	0	0	0	75	43.4	1917	42	57	170	1.357	0.335	0.247	4.5	24.23
4329	40.5874	116.4598	-96.0	394	SE	0	0	0	0	75	42.3	1819	21	171	116	8.143	1.474	0.181	4.4	24.23
4330	40.5878	116.4598	-80.6	412	SE	0	0	0	0	75	42.7	1931	35	95	168	2.714	0.565	0.208	4.4	24.23
4331	40.5882	116.4598	-71.6	469	SE	0	0	0	0	67	45.3	2044	37	137	132	3.703	1.038	0.280	4.3	24.22
4332	40.5886	116.4598	-65.5	473	SE	0	0	0	0	67	45.4	1966	37	28	225	0.757	0.124	0.164	4.3	24.22
4333	40.5890	116.4598	-54.9	458	SE	0	0	0	0	69	45.1	1827	39	80	175	2.051	0.457	0.223	4.3	24.22
4334	40.5894	116.4599	-43.2	439	SE	0	0	0	0	67	44.6	1912	42	69	167	1.643	0.413	0.251	4.3	24.22
4335	40.5898	116.4599	-32.8	425	SE	0	0	0	0	60	44.2	1882	30	137	158	4.567	0.867	0.190	4.3	24.21

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4336	40.5902	116.4599	-26.7	434	SE	0	0	0	0	74	44.5	1765	40	47	189	1.175	0.249	0.212	4.3	24.20
4337	40.5907	116.4599	-22.3	448	SE	0	0	0	0	63	44.8	1795	25	153	127	6.120	1.205	0.197	4.3	24.20
4338	40.5911	116.4599	-20.8	439	SE	0	0	0	0	67	44.6	1743	38	104	111	2.737	0.937	0.342	4.3	24.20
4339	40.5915	116.4599	-25.2	456	SE	0	0	0	0	67	45.0	1843	43	62	147	1.442	0.422	0.293	4.3	24.19
4340	40.5919	116.4600	-31.1	486	SE	0	0	0	0	64	45.7	1938	38	117	153	3.079	0.765	0.248	4.3	24.19
4341	40.5923	116.4600	-38.6	489	SE	0	0	0	0	63	45.8	2004	43	122	131	2.837	0.931	0.328	4.3	24.17
4342	40.5927	116.4600	-55.2	494	SE	0	0	0	0	63	45.9	1930	29	119	144	4.103	0.826	0.201	4.3	24.17
4343	40.5931	116.4600	-63.5	492	SE	0	0	0	0	76	45.9	1862	45	160	94	3.556	1.702	0.479	4.3	24.17
4344	40.5935	116.4600	-68.5	454	SE	0	0	0	0	70	45.0	1925	45	82	155	1.822	0.529	0.290	4.3	24.17
4345	40.5939	116.4600	-74.4	408	SE	0	0	0	0	75	43.8	1753	25	68	141	2.720	0.482	0.177	4.4	24.16
4346	40.5943	116.4600	-79.3	416	SE	0	0	0	0	61	44.0	1810	46	33	136	0.717	0.243	0.338	4.3	24.16
4348	40.5951	116.4601	-86.5	500	SE	0	0	0	0	66	46.0	1939	34	111	139	3.265	0.799	0.245	4.4	24.16
4349	40.5955	116.4601	-81.7	498	SE	0	0	0	0	75	46.0	1809	16	104	142	6.500	0.732	0.113	4.3	24.16
4350	40.5959	116.4601	-77.8	492	SE	0	0	0	0	71	45.9	1821	44	81	143	1.841	0.566	0.308	4.3	24.16
4351	40.5963	116.4601	-70.6	478	SE	0	0	0	0	81	40.3	1781	27	96	160	3.556	0.600	0.169	4.3	24.16
4352	40.5967	116.4601	-61.9	442	SE	0	0	0	0	66	39.6	1824	38	107	121	2.816	0.884	0.314	4.3	24.16
4353	40.5971	116.4602	-56.7	392	SE	0	0	0	0	68	38.5	1617	30	115	132	3.833	0.871	0.227	4.3	24.15
4354	40.5975	116.4602	-54.8	383	SE	0	0	0	0	77	38.2	1588	18	139	110	7.722	1.264	0.164	4.3	24.15
4355	40.5979	116.4602	-61.2	421	SE	0	0	0	0	68	39.1	1644	34	101	107	2.971	0.944	0.318	4.2	24.14
4356	40.5983	116.4602	-61.4	482	SE	0	0	0	0	76	40.4	1860	25	56	191	2.240	0.293	0.131	4.2	24.14
4357	40.5987	116.4602	-58.8	485	SE	0	0	0	0	68	40.5	1871	32	72	179	2.250	0.402	0.179	4.2	24.13
4358	40.5992	116.4602	-53.1	453	SE	0	0	0	0	63	39.8	1937	42	101	139	2.405	0.727	0.302	4.3	24.13
4359	40.5996	116.4602	-51.7	406	SE	0	0	0	0	69	38.8	1562	37	37	136	1.000	0.272	0.272	4.2	24.12
4360	40.6000	116.4603	-55.8	384	SE	0	0	0	0	70	38.3	1650	29	55	134	1.897	0.410	0.216	4.2	24.12
4361	40.6004	116.4603	-64.7	389	SE	0	0	0	0	68	38.4	1726	35	104	115	2.971	0.904	0.304	4.2	24.12
4362	40.6008	116.4603	-75.8	403	SE	0	0	0	0	63	38.7	1757	38	113	127	2.974	0.890	0.299	4.2	24.12
4363	40.6012	116.4603	-85.6	428	DS	0	0	0	0	74	39.2	1903	42	128	122	3.048	1.049	0.344	4.2	24.11
4364	40.6016	116.4603	-94.4	450	DS	0	0	0	0	74	39.7	1803	31	86	141	2.774	0.610	0.220	4.1	24.11
4365	40.6020	116.4603	-97.8	480	DS	0	0	0	0	67	40.4	1917	33	174	126	5.273	1.381	0.262	4.1	24.11
4366	40.6024	116.4604	-100.4	496	DS	0	0	0	0	68	40.7	1876	27	109	147	4.037	0.741	0.184	4.1	24.11
4367	40.6028	116.4604	-100.6	499	DS	0	0	0	0	69	40.8	1782	30	164	98	5.467	1.673	0.306	4.0	24.11
4368	40.6032	116.4604	-101.9	496	DS	0	0	0	0	64	40.7	1711	25	70	144	2.800	0.486	0.174	4.0	24.11
4369	40.6036	116.4604	-101.4	492	DS	0	0	0	0	69	40.6	1583	31	50	132	1.613	0.379	0.235	4.0	24.11
4370	40.6040	116.4604	-104.2	476	DS	0	0	0	0	69	40.8	1573	32	52	115	1.625	0.452	0.278	4.0	24.11
4371	40.6044	116.4604	-108.3	465	DS	0	0	1	0	67	40.6	1590	44	-10	143	-0.227	-0.070	0.308	4.1	24.11
4372	40.6048	116.4604	-111.5	492	DS	0	0	0	0	67	41.1	1571	28	50	121	1.786	0.413	0.231	4.1	24.11
4373	40.6052	116.4605	-111.5	543	DS	0	0	0	0	70	42.2	1625	27	69	116	2.556	0.595	0.233	4.1	24.11
4374	40.6056	116.4605	-106.5	604	DS	0	0	0	0	71	43.3	1596	33	84	112	2.545	0.750	0.295	4.1	24.11
4375	40.6060	116.4605	-101.5	594	DS	0	0	0	0	72	43.1	1656	29	45	155	1.552	0.290	0.187	4.1	24.11
4376	40.6064	116.4605	-95.0	506	DS	0	0	0	0	70	41.4	1409	25	59	108	2.360	0.546	0.231	4.2	24.11
4378	40.6072	116.4605	-81.1	428	DS	0	0	0	0	71	39.7	1365	24	62	78	2.583	0.795	0.308	4.3	24.11
4379	40.6076	116.4606	-80.0	436	DS	0	0	0	0	74	39.9	1416	35	53	96	1.514	0.552	0.365	4.3	24.11
4380	40.6081	116.4606	-85.0	459	DS	0	0	0	0	73	40.4	1506	22	98	97	4.455	1.010	0.227	4.4	24.11
4381	40.6085	116.4606	-83.8	484	DS	0	0	1	0	69	41.0	1564	38	24	123	0.632	0.195	0.309	4.5	24.11
4382	40.6089	116.4606	-89.7	493	DS	0	0	0	0	68	41.1	1609	21	68	128	3.238	0.531	0.164	4.5	24.11
4383	40.6093	116.4606	-91.1	498	DS	0	0	0	0	71	41.2	1513	37	46	108	1.243	0.426	0.343	4.6	24.11
4384	40.6097	116.4606	-93.0	535	DS	0	0	0	0	75	42.0	1612	38	61	65	1.605	0.938	0.585	4.6	24.11
4385	40.6101	116.4606	-90.7	562	DS	0	0	1	0	78	42.5	1628	35	-4	142	-0.114	-0.028	0.246	4.6	24.11
4386	40.6105	116.4607	-89.4	565	DS	0	0	1	0	70	42.6	1542	41	-11	157	-0.268	-0.070	0.261	4.7	24.10
4387	40.6109	116.4607	-84.2	526	DS	0	0	0	0	66	41.8	1530	27	76	122	2.815	0.623	0.221	4.8	24.10
4388	40.6113	116.4607	-85.4	499	DS	0	0	0	0	71	41.3	1469	19	56	112	2.947	0.500	0.170	4.8	24.11
4389	40.6117	116.4607	-85.4	496	DS	0	0	0	0	67	41.2	1507	11	117	86	10.636	1.360	0.128	4.8	24.11
4390	40.6121	116.4607	-88.1	525	DS	0	0	0	0	73	38.5	1491	18	133	69	7.389	1.928	0.261	4.8	24.10
4391	40.6125	116.4607	-99.4	547	DS	0	0	0	0	68	38.9	1608	17	120	71	7.059	1.690	0.239	4.9	24.10

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4392	40.6129	116.4608	-101.6	547	DS	0	0	0	0	71	38.9	1590	23	84	94	3.652	0.894	0.245	5.0	24.10
4393	40.6133	116.4608	-107.3	546	DS	0	0	0	0	77	38.9	1519	21	85	107	4.048	0.794	0.196	5.0	24.11
4394	40.6137	116.4608	-111.1	570	DS	0	0	0	0	75	39.3	1544	26	51	123	1.962	0.415	0.211	5.1	24.11
4395	40.6141	116.4608	-112.6	604	DS	0	0	0	0	69	39.9	1518	33	93	63	2.818	1.476	0.524	5.1	24.11
4396	40.6145	116.4608	-110.8	654	DS	0	0	0	0	69	40.8	1661	29	120	51	4.138	2.353	0.569	5.1	24.12
4397	40.6149	116.4608	-111.7	673	DS	0	0	0	0	74	41.1	1687	22	86	107	3.909	0.804	0.206	5.2	24.12
4398	40.6153	116.4609	-110.9	668	DS	0	0	0	0	74	41.0	1680	13	75	158	5.769	0.475	0.082	5.2	24.12
4399	40.6157	116.4609	-107.8	645	DS	0	0	1	0	78	40.6	1623	51	14	83	0.275	0.169	0.614	5.2	24.13
4400	40.6161	116.4609	-107.5	624	OV3	0	0	0	0	69	40.3	1618	28	73	101	2.607	0.723	0.277	5.3	24.13
4401	40.6165	116.4609	-103.3	611	OV3	0	0	0	0	65	40.1	1554	33	121	79	3.667	1.532	0.418	5.3	24.14
4402	40.6170	116.4609	-105.9	597	OV3	0	0	0	0	69	39.8	1634	33	123	70	3.727	1.757	0.471	5.4	24.14
4403	40.6174	116.4609	-104.1	591	OV3	0	0	0	0	63	39.7	1707	28	83	117	2.964	0.709	0.239	5.4	24.15
4404	40.6178	116.4609	-99.9	590	OV3	0	0	1	0	72	39.7	1556	47	20	127	0.426	0.157	0.370	5.5	24.18
4405	40.6182	116.4610	-98.9	611	OV3	0	0	0	0	72	40.1	1626	29	172	44	5.931	3.909	0.659	5.5	24.19
4406	40.6186	116.4610	-93.1	615	OV3	0	0	0	0	75	40.1	1774	45	67	155	1.489	0.432	0.290	5.6	24.20
4407	40.6190	116.4610	-88.3	584	OV3	0	0	0	1	69	39.6	1759	8	93	135	11.625	0.689	0.059	5.6	24.21
4408	40.6194	116.4610	-82.0	560	OV3	0	0	0	0	65	39.2	1967	34	145	125	4.265	1.160	0.272	5.7	24.22
4409	40.6198	116.4610	-76.3	550	OV3	0	0	0	0	71	40.8	1855	46	46	108	1.000	0.426	0.426	5.6	24.23
4410	40.6202	116.4610	-69.9	559	OV3	0	0	0	0	75	41.0	2015	26	150	107	5.769	1.402	0.243	5.6	24.25
4411	40.6206	116.4611	-61.0	540	OV3	0	0	0	0	73	40.6	1719	32	73	145	2.281	0.503	0.221	5.6	24.26
4412	40.6210	116.4611	-56.7	522	OV3	0	0	0	0	79	40.3	1828	47	54	131	1.149	0.412	0.359	5.7	24.27
4413	40.6214	116.4611	-51.5	507	OV3	0	0	0	0	77	40.0	1892	34	41	193	1.206	0.212	0.176	5.7	24.27
4414	40.6218	116.4611	-49.4	516	OV3	0	0	0	0	61	40.2	1951	35	151	149	4.314	1.013	0.235	5.7	24.28
4415	40.6222	116.4611	-51.3	497	OV3	0	0	0	0	70	39.8	1812	23	83	162	3.609	0.512	0.142	5.7	24.28
4416	40.6226	116.4611	-49.5	493	OV3	0	0	0	0	67	39.7	1823	26	155	119	5.962	1.303	0.218	5.7	24.28
4417	40.6230	116.4611	-51.2	494	OV3	0	0	0	0	73	39.7	1739	36	71	150	1.972	0.473	0.240	5.8	24.28
4418	40.6234	116.4612	-45.7	491	OV3	0	0	0	0	66	39.7	1722	35	116	101	3.314	1.149	0.347	5.9	24.28
4419	40.6238	116.4612	-41.9	490	OV3	0	0	0	0	65	39.6	1806	36	54	166	1.500	0.325	0.217	5.9	24.28
4420	40.6242	116.4612	-34.4	488	OV3	0	0	0	0	68	39.6	1758	43	73	102	1.698	0.716	0.422	6.0	24.27
4421	40.6246	116.4612	-25.5	475	OV3	0	0	0	0	68	39.4	1674	37	125	69	3.378	1.812	0.536	6.0	24.27
4422	40.6250	116.4612	-14.4	487	OV3	0	0	0	0	70	39.6	1741	35	96	103	2.743	0.932	0.340	6.1	24.27
4423	40.6255	116.4612	-7.8	494	OV3	0	0	1	0	63	39.7	1659	47	20	146	0.426	0.137	0.322	6.1	24.27
4424	40.6259	116.4613	-1.0	524	OV3	0	0	1	0	73	40.3	1626	23	14	165	0.609	0.085	0.139	6.1	24.27
4425	40.6263	116.4613	5.1	535	OV3	0	0	1	0	67	40.5	1624	53	-25	138	-0.472	-0.181	0.384	6.1	24.27
4426	40.6267	116.4613	9.0	509	OV3	0	0	0	0	65	40.0	1452	43	26	123	0.605	0.211	0.350	6.2	24.26
4427	40.6271	116.4613	11.6	496	OV3	0	0	0	0	70	39.8	1426	39	71	84	1.821	0.845	0.464	6.3	24.26
4428	40.6275	116.4613	16.1	491	OV3	0	0	0	0	69	42.8	1523	33	28	113	0.848	0.248	0.292	6.3	24.26
4429	40.6279	116.4613	12.9	488	OV3	0	0	0	0	66	42.7	1525	16	61	159	3.813	0.384	0.101	6.3	24.26
4430	40.6283	116.4613	12.9	489	OV3	0	0	0	0	76	42.7	1692	28	33	135	1.179	0.244	0.207	6.3	24.26
4431	40.6287	116.4614	13.5	489	OV3	0	0	0	0	67	42.7	1542	39	34	113	0.872	0.301	0.345	6.3	24.26
4432	40.6291	116.4614	14.6	498	OV3	0	0	0	0	67	42.9	1596	30	48	144	1.600	0.333	0.208	6.2	24.26
4433	40.6295	116.4614	20.3	522	OV3	0	0	0	0	69	43.4	1646	19	81	120	4.263	0.675	0.158	6.2	24.26
4434	40.6299	116.4614	26.7	503	OV3	0	0	0	0	69	43.0	1645	23	103	83	4.478	1.241	0.277	6.2	24.27
4435	40.6303	116.4614	34.4	497	OV3	0	0	0	0	76	42.9	1634	17	89	90	5.235	0.989	0.189	6.1	24.26
4436	40.6307	116.461.	40.8	481	OV3	0	0	0	0	62	42.6	1570	33	56	108	1.697	0.519	0.306	6.1	24.27
4437	40.6311	116.4615	46.9	454	OV3	0	0	0	0	60	42.0	1569	30	67	131	2.233	0.511	0.229	6.1	24.27
4438	40.6315	116.4615	45.5	461	OV3	0	0	0	0	62	42.1	1488	15	76	127	5.067	0.598	0.118	6.1	24.27
4439	40.6319	116.4615	43.7	491	OV3	0	0	0	0	77	42.8	1537	25	105	90	4.200	1.167	0.278	6.1	24.27
4440	40.6323	116.4615	62.0	516	OV3	0	0	1	0	72	43.3	1602	35	23	185	0.657	0.124	0.189	6.1	24.27
4441	40.6327	116.4615	86.4	498	OV3	0	0	0	0	57	42.9	1728	32	56	122	1.750	0.459	0.262	6.1	24.26
4442	40.6331	116.4615	115.5	481	OV3	0	0	0	0	67	42.6	1567	27	75	92	2.778	0.815	0.293	6.1	24.26
4443	40.6335	116.4615	147.6	432	OV3	0	0	0	0	65	41.4	1467	23	49	124	2.130	0.395	0.185	6.2	24.25
4444	40.6339	116.4616	168.1	397	OV3	0	0	0	0	72	40.6	1509	25	86	92	3.440	0.935	0.272	6.1	24.25
4445	40.6344	116.4616	177.7	371	OV3	0	0	0	0	72	40.0	1432	11	99	147	9.000	0.673	0.075	6.1	24.25

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4446	40.6348	116.4616	170.7	343	OV3	0	0	0	0	71	39.3	1544	34	89	120	2.618	0.742	0.283	6.1	24.25
4447	40.6352	116.4616	143.5	313	OV3	0	0	0	0	70	32.5	1498	30	42	126	1.400	0.333	0.238	6.1	24.24
4448	40.6356	116.4616	113.8	310	OV3	0	0	0	0	77	32.4	1407	14	48	132	3.429	0.364	0.106	6.0	24.24
4449	40.6360	116.4616	94.4	352	OV3	0	0	0	0	66	33.3	1484	25	102	117	4.080	0.872	0.214	6.0	24.24
4450	40.6364	116.4617	84.3	397	OV3	0	0	0	0	65	34.3	1570	22	154	94	7.000	1.638	0.234	6.0	24.24
4451	40.6368	116.4617	80.3	386	OV3	0	0	0	0	60	34.0	1535	34	97	92	2.853	1.054	0.370	6.0	24.23
4452	40.6372	116.4617	83.1	361	OV3	0	0	0	0	58	33.5	1445	19	96	124	5.053	0.774	0.153	6.0	24.23
4453	40.6376	116.4617	43.8	344	OV3	0	0	0	0	78	33.2	1351	18	91	89	5.056	1.022	0.202	6.0	24.24
4454	40.6380	116.4617	-2.9	351	OV3	0	0	0	0	69	33.3	1512	27	57	140	2.111	0.407	0.193	6.0	24.24
4455	40.6384	116.4617	-40.7	375	OV3	0	0	0	0	71	33.8	1605	33	43	172	1.303	0.250	0.192	6.0	24.25
4456	40.6388	116.4617	-74.2	425	OV3	0	0	0	0	70	34.8	1759	37	103	162	2.784	0.636	0.228	6.0	24.26
4457	40.6392	116.4618	-97.1	435	OV3	0	0	0	0	65	35.0	1667	40	56	166	1.400	0.337	0.241	6.0	24.27
4458	40.6396	116.4618	-115.2	396	OV3	0	0	0	0	71	34.2	1542	21	75	111	3.571	0.676	0.189	6.1	24.27
4459	40.6400	116.4618	-134.2	389	OV3	0	0	0	0	65	34.1	1459	37	94	84	2.541	1.119	0.440	6.1	24.27
4460	40.6404	116.4618	-146.4	424	OV3	0	0	0	0	64	34.8	1673	37	71	109	1.919	0.651	0.339	6.2	24.28
4461	40.6408	116.4618	-160.1	454	OV3	0	0	0	0	67	35.4	1729	31	87	110	2.806	0.791	0.282	6.3	24.29
4462	40.6412	116.4618	-167.5	483	OV3	0	0	0	0	72	35.9	1719	40	122	111	3.050	1.099	0.360	6.3	24.30
4463	40.6416	116.4619	-174.9	495	OV3	0	0	0	0	63	36.2	1763	13	186	107	14.308	1.738	0.121	6.3	24.33
4464	40.6420	116.4619	-182.6	499	OV3	0	0	0	0	70	36.2	1678	24	111	108	4.625	1.028	0.222	6.4	24.35
4465	40.6424	116.4619	-197.5	507	OV3	0	0	0	0	68	36.4	1767	26	75	147	2.885	0.510	0.177	6.4	24.37
4466	40.6429	116.4619	-208.6	524	OV3	0	0	0	0	71	41.3	1740	37	78	107	2.108	0.729	0.346	6.4	24.39
4467	40.6433	116.4619	-223.1	546	OV3	0	0	0	0	70	41.7	1810	26	125	79	4.808	1.582	0.329	6.4	24.41
4468	40.6437	116.4619	-228.7	532	OV3	0	0	0	0	66	41.4	1783	27	66	158	2.444	0.418	0.171	6.4	24.43
4469	40.6441	116.4619	-238.0	520	OV3	0	0	0	0	74	41.2	1749	27	92	138	3.407	0.667	0.196	6.4	24.45
4471	40.6450	116.4619	-245.2	495	QF	0	0	0	0	64	40.7	1847	40	80	135	2.000	0.593	0.296	6.4	24.49
4472	40.6454	116.4619	-245.7	494	QF	0	0	0	0	59	40.7	1862	53	61	157	1.151	0.389	0.338	6.3	24.51
4473	40.6458	116.4619	-242.4	493	QF	0	0	0	0	69	40.7	1997	33	88	189	2.667	0.466	0.175	6.4	24.52
4474	40.6463	116.4619	-239.7	489	QF	0	0	0	0	70	40.6	1929	33	88	158	2.667	0.557	0.209	6.3	24.54
4475	40.6467	116.4619	-234.7	483	QF	0	0	0	0	63	40.4	2033	60	130	119	2.167	1.092	0.504	6.3	24.56
4476	40.6471	116.4619	-234.9	457	QF	0	0	0	0	58	39.9	2014	54	195	88	3.611	2.216	0.614	6.3	24.57
4477	40.6475	116.4619	-222.8	441	QF	0	0	0	0	64	39.6	2011	41	97	183	2.366	0.530	0.224	6.3	24.59
4478	40.6480	116.4619	-215.1	431	QF	0	0	0	0	62	39.3	1931	65	61	172	0.938	0.355	0.378	6.3	24.61
4479	40.6484	116.4618	-208.5	414	QF	0	0	0	0	65	39.0	2037	54	80	176	1.481	0.455	0.307	6.3	24.62
4480	40.6488	116.4618	-199.1	395	QA1	0	0	1	0	64	38.5	1911	51	5	214	0.098	0.023	0.238	6.3	24.63
4481	40.6493	116.4618	-192.8	375	QA1	0	0	0	0	65	38.1	2139	41	95	193	2.317	0.492	0.212	6.4	24.64
4482	40.6497	116.4618	-187.6	367	QA1	0	0	0	0	64	37.9	1960	51	123	158	2.412	0.778	0.323	6.3	24.65
4483	40.6501	116.4618	-178.2	356	QA1	0	0	0	0	58	37.6	2036	64	77	149	1.203	0.517	0.430	6.4	24.66
4484	40.6506	116.4618	-169.5	343	QA1	0	0	0	0	59	37.3	1962	67	37	199	0.552	0.186	0.337	6.4	24.67
4485	40.6510	116.4618	-160.6	333	QA1	0	0	0	0	58	37.1	1913	51	137	128	2.686	1.070	0.398	6.5	24.68
4486	40.6514	116.4618	-151.7	323	QA1	0	0	0	0	61	36.4	1987	69	88	167	1.467	0.527	0.359	6.5	24.69
4487	40.6519	116.4618	-143.0	315	QA1	0	0	1	0	68	36.2	1926	67	8	182	0.119	0.044	0.368	6.6	24.70
4488	40.6523	116.4618	-132.5	311	QA1	0	0	0	0	70	36.1	1878	55	92	161	1.673	0.571	0.342	6.7	24.70
4489	40.6527	116.4618	-114.5	308	QA1	0	0	0	0	67	36.0	1965	60	85	168	1.417	0.506	0.357	6.8	24.70
4490	40.6532	116.4618	-105.3	303	QA1	0	0	0	0	70	35.9	1881	62	114	109	1.839	1.046	0.569	6.8	24.70
4491	40.6536	116.4618	-98.3	301	QA1	0	0	0	0	65	35.9	1877	55	142	112	2.582	1.268	0.491	6.9	24.70
4493	40.6545	116.4617	-85.8	299	QA1	0	0	0	0	56	35.8	1870	62	64	162	1.032	0.395	0.383	7.0	24.70
4494	40.6549	116.4617	-78.7	300	QA1	0	0	0	0	57	35.8	1924	43	145	133	3.372	1.090	0.323	7.0	24.71
4495	40.6553	116.4617	-74.2	299	QA1	0	0	0	0	60	35.8	2007	51	97	166	1.902	0.584	0.307	7.0	24.71
4496	40.6557	116.4617	-69.0	296	QA1	0	0	0	0	75	35.7	1819	44	88	181	2.000	0.486	0.243	7.0	24.71
4497	40.6562	116.4617	-61.8	292	QA1	0	0	0	0	54	35.6	1799	37	129	152	3.486	0.849	0.243	7.1	24.71
4498	40.6566	116.4617	-56.2	296	QA1	0	0	0	0	70	35.7	1872	57	97	169	1.702	0.574	0.337	7.1	24.71
4499	40.6570	116.4617	-51.9	298	QA1	0	0	0	0	73	35.8	1738	44	73	175	1.659	0.417	0.251	7.2	24.71
4500	40.6575	116.4617	-46.4	298	QA1	0	0	0	0	57	35.8	1714	38	138	143	3.632	0.965	0.266	7.2	24.71
4501	40.6579	116.4617	-44.9	298	QA1	0	0	0	0	68	35.8	1781	35	130	138	3.714	0.942	0.254	7.2	24.71

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4502	40.6583	116.4617	-37.9	296	QA1	0	0	0	0	60	35.7	1808	66	125	108	1.894	1.157	0.611	7.3	24.71
4503	40.6588	116.4617	-36.1	295	QA1	0	0	0	0	68	35.7	1841	51	42	199	0.824	0.211	0.256	7.3	24.71
4504	40.6592	116.4616	-34.9	294	QA1	0	0	0	0	62	35.7	1781	54	67	149	1.241	0.450	0.362	7.3	24.71
4505	40.6596	116.4616	-35.9	294	QA1	0	0	0	0	67	35.7	1851	50	81	155	1.620	0.523	0.323	7.3	24.71
4506	40.6601	116.4616	-33.1	294	QA1	0	0	0	0	59	46.3	1888	68	54	146	0.794	0.370	0.466	7.3	24.71
4507	40.6605	116.4616	-30.9	294	QA1	0	0	0	0	61	46.3	1963	50	128	146	2.560	0.877	0.342	7.3	24.71
4508	40.6609	116.4616	-31.1	297	QA1	0	0	0	0	60	46.4	1886	56	103	143	1.839	0.720	0.392	7.3	24.71
4509	40.6614	116.4616	-29.3	301	QA1	0	0	0	0	70	46.5	1800	51	94	155	1.843	0.606	0.329	7.3	24.71
4510	40.6618	116.4616	-28.5	305	QA1	0	0	0	0	58	46.6	1837	59	53	170	0.898	0.312	0.347	7.3	24.70
4511	40.6622	116.4616	-29.5	306	QA1	0	0	0	0	65	46.7	1803	60	45	137	0.750	0.328	0.438	7.3	24.70
4512	40.6627	116.4616	-28.1	311	QA1	0	0	0	0	58	46.8	1884	53	129	116	2.434	1.112	0.457	7.3	24.70
4513	40.6631	116.4616	-28.6	310	QA1	0	0	0	0	63	46.8	1826	56	79	155	1.411	0.510	0.361	7.3	24.70
4514	40.6635	116.4616	-29.6	313	QA1	0	0	0	0	72	46.9	1872	50	92	138	1.840	0.667	0.362	7.3	24.69
4515	40.6639	116.4616	-29.8	314	QA1	0	0	0	0	69	46.9	2004	47	59	192	1.255	0.307	0.245	7.3	24.69
4516	40.6644	116.4616	-29.0	316	QA1	0	0	0	0	64	47.0	1996	60	75	147	1.250	0.510	0.408	7.4	24.69
4517	40.6648	116.4615	-29.8	319	QA1	0	0	0	0	67	47.1	2094	56	164	154	2.929	1.065	0.364	7.3	24.69
4518	40.6652	116.4615	-31.2	320	QA1	0	0	0	0	52	47.1	1982	35	115	200	3.286	0.575	0.175	7.3	24.69
4519	40.6657	116.4615	-32.2	322	QA1	0	0	0	0	61	47.2	1912	39	184	126	4.718	1.460	0.310	7.2	24.68
4520	40.6661	116.4615	-32.4	327	QA1	0	0	0	0	70	47.4	1877	54	43	237	0.796	0.181	0.228	7.2	24.68
4521	40.6665	116.4615	-32.3	334	QA1	0	0	0	0	68	47.6	1908	62	29	191	0.468	0.152	0.325	7.2	24.67
4522	40.6670	116.4615	-32.5	340	QA1	0	0	0	0	62	47.8	1993	49	113	167	2.306	0.677	0.293	7.2	24.67
4523	40.6674	116.4615	-33.4	347	QA1	0	0	0	0	66	48.0	1956	45	105	174	2.333	0.603	0.259	7.2	24.67
4524	40.6678	116.4615	-34.9	350	QA1	0	0	0	0	65	48.1	1955	50	81	179	1.620	0.453	0.279	7.2	24.66
4525	40.6683	116.4615	-33.8	355	QA1	0	0	0	0	67	40.7	1948	63	52	202	0.825	0.257	0.312	7.2	24.66
4526	40.6687	116.4615	-34.5	360	QA1	0	0	0	0	66	40.8	1937	50	117	166	2.340	0.705	0.301	7.1	24.66
4527	40.6691	116.4615	-36.5	364	QA1	0	0	0	0	66	40.9	1996	34	203	156	5.971	1.301	0.218	7.2	24.66
4528	40.6696	116.4615	-35.9	368	QA1	0	0	0	0	61	41.0	1945	45	123	173	2.733	0.711	0.260	7.2	24.65
4529	40.6700	116.4615	-36.4	366	QA1	0	0	0	0	54	41.0	1927	57	140	138	2.456	1.014	0.413	7.2	24.65
4530	40.6704	116.4614	-35.6	368	QA1	0	0	0	0	65	41.0	1915	57	44	168	0.772	0.262	0.339	7.1	24.65
4531	40.6709	116.4614	-36.9	368	QA1	0	0	0	0	64	41.0	2023	67	61	172	0.910	0.355	0.390	7.2	24.64
4532	40.6713	116.4614	-35.6	373	QA1	0	0	0	0	57	41.2	1890	57	88	131	1.544	0.672	0.435	7.2	24.64
4533	40.6717	116.4614	-35.0	384	QA1	0	0	0	0	60	41.4	1899	45	147	105	3.267	1.400	0.429	7.1	24.64
4534	40.6721	116.4614	-37.1	392	QA1	0	0	0	0	62	41.6	1945	62	31	187	0.500	0.166	0.332	7.1	24.64
4535	40.6726	116.4614	-35.1	395	QA1	0	0	0	0	67	41.7	1899	53	113	151	2.132	0.748	0.351	7.1	24.63
4536	40.6730	116.4614	-36.3	401	QA1	0	0	0	0	59	41.9	1937	27	110	181	4.074	0.608	0.149	7.1	24.62
4537	40.6734	116.4614	-35.2	413	QA1	0	0	0	0	57	42.2	2017	53	87	162	1.642	0.537	0.327	7.0	24.61
4538	40.6739	116.4614	-35.9	419	QA1	0	0	0	0	74	42.3	1936	59	52	163	0.881	0.319	0.362	7.0	24.61
4539	40.6743	116.4614	-36.8	427	QA1	0	0	0	0	67	42.5	1913	50	97	162	1.940	0.599	0.309	6.9	24.60
4540	40.6747	116.4614	-37.0	435	QA1	0	0	0	0	60	42.7	2057	60	71	184	1.183	0.386	0.326	6.9	24.60
4541	40.6752	116.4614	-38.2	439	QA1	0	0	0	0	71	42.8	2011	47	146	117	3.106	1.248	0.402	6.8	24.59
4542	40.6756	116.4613	-37.3	445	QA1	0	0	0	0	63	42.9	1912	51	134	127	2.627	1.055	0.402	6.7	24.59
4543	40.6760	116.4613	-35.2	456	QA1	0	0	0	0	67	43.2	1951	31	132	130	4.258	1.015	0.238	6.7	24.59
4544	40.6765	116.4613	-34.5	459	QA1	0	0	0	0	67	34.6	1886	54	84	147	1.556	0.571	0.367	6.6	24.58
4545	40.6769	116.4613	-34.4	464	QA1	0	0	0	0	67	34.6	1984	59	159	71	2.695	2.239	0.831	6.6	24.58
4546	40.6773	116.4613	-30.9	466	QA1	0	0	1	0	70	34.7	1922	62	-3	181	-0.048	-0.017	0.343	6.5	24.58
4547	40.6778	116.4613	-30.6	466	QA1	0	0	0	0	64	34.7	1913	50	97	122	1.940	0.795	0.410	6.5	24.58
4548	40.6782	116.4613	-28.8	473	QA1	0	0	0	0	63	34.8	1956	65	76	146	1.169	0.521	0.445	6.5	24.57
4549	40.6786	116.4613	-27.7	479	QA1	0	0	0	0	64	34.9	1850	42	131	131	3.119	1.000	0.321	6.5	24.56
4550	40.6791	116.4613	-25.4	478	QA1	0	0	0	0	59	34.9	1803	35	161	157	4.600	1.025	0.223	6.5	24.56
4551	40.6795	116.4613	-20.1	482	QA1	0	0	0	0	69	35.0	1796	38	81	136	2.132	0.596	0.279	6.5	24.56
4552	40.6799	116.4613	-18.1	487	QA1	0	0	0	0	63	35.1	1828	49	64	131	1.306	0.489	0.374	6.6	24.55
4553	40.6803	116.4613	-14.3	490	QA1	0	0	0	0	63	35.1	1849	39	75	164	1.923	0.457	0.238	6.6	24.54
4554	40.6808	116.4613	-11.0	493	QA1	0	0	0	0	70	35.2	1936	38	115	132	3.026	0.871	0.288	6.6	24.53
4555	40.6812	116.4612	-6.2	494	QA1	0	0	0	0	73	35.2	1788	46	81	126	1.761	0.643	0.365	6.6	24.52

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4556	40.6816	116.4612	-4.2	494	QA1	0	0	0	0	66	35.2	1840	57	76	121	1.333	0.628	0.471	6.6	24.51
4557	40.6821	116.4612	-1.2	497	QA1	0	0	0	0	62	35.2	1881	41	129	105	3.146	1.229	0.390	6.7	24.50
4558	40.6825	116.4612	3.9	500	QA1	0	0	0	0	69	35.3	1709	46	75	106	1.630	0.708	0.434	6.7	24.50
4559	40.6829	116.4612	8.9	506	QA1	0	0	0	0	68	35.4	1805	50	38	139	0.760	0.273	0.360	6.6	24.49
4560	40.6834	116.4612	14.0	514	QA1	0	0	0	0	68	35.5	1767	44	59	116	1.341	0.509	0.379	6.6	24.49
4561	40.6838	116.4612	19.3	517	QA1	0	0	1	0	72	35.6	1894	56	0	170	0.018	0.006	0.329	6.6	24.48
4562	40.6842	116.4612	24.4	525	QA1	0	0	0	0	63	35.7	1783	32	114	98	3.563	1.163	0.327	6.6	24.47
4563	40.6847	116.4612	35.2	535	QA1	0	0	0	0	70	31.8	1796	39	53	128	1.359	0.414	0.305	6.6	24.47
4564	40.6851	116.4612	40.2	531	QA1	0	0	0	0	62	31.8	1798	62	59	101	0.952	0.584	0.614	6.5	24.47
4565	40.6855	116.4612	48.5	540	QA1	0	0	0	0	63	31.9	1839	42	53	164	1.262	0.323	0.256	6.5	24.46
4566	40.6860	116.4612	55.4	548	QA1	0	0	0	0	64	32.0	1793	43	45	171	1.047	0.263	0.251	6.5	24.45
4567	40.6864	116.4612	60.9	546	QA1	0	0	0	0	65	32.0	1824	47	70	143	1.489	0.490	0.329	6.4	24.44
4568	40.6868	116.4611	66.4	553	QA1	0	0	0	0	61	32.1	1864	52	133	67	2.558	1.985	0.776	6.4	24.43
4569	40.6873	116.4611	73.6	574	QA1	0	0	0	0	73	32.4	1814	29	65	167	2.241	0.389	0.174	6.5	24.42
4570	40.6877	116.4611	79.1	593	QA1	0	0	0	0	63	32.7	1792	39	98	159	2.513	0.616	0.245	6.5	24.41
4571	40.6881	116.4611	86.7	604	QA1	0	0	0	0	70	32.8	1810	48	63	134	1.313	0.470	0.358	6.5	24.39
4572	40.6886	116.4611	91.0	609	QA1	0	0	0	0	63	32.9	1941	29	139	172	4.793	0.808	0.169	6.5	24.39
4573	40.6890	116.4611	95.5	613	QA1	0	0	0	0	66	32.9	1928	59	57	155	0.966	0.368	0.381	6.5	24.39
4574	40.6894	116.4611	102.4	624	QA1	0	0	0	0	69	33.1	1930	41	142	144	3.463	0.986	0.285	6.5	24.38
4575	40.6898	116.4611	106.1	617	QA1	0	0	0	0	68	33.0	1881	49	103	145	2.102	0.710	0.338	6.5	24.38
4576	40.6903	116.4611	104.8	611	QA1	0	0	0	0	61	32.9	1969	46	92	183	2.000	0.503	0.251	6.6	24.37
4577	40.6907	116.4611	100.9	630	QA1	0	0	0	0	69	33.2	2122	50	74	234	1.480	0.316	0.214	6.6	24.37
4578	40.6911	116.4611	95.7	622	QA1	0	0	0	0	63	33.1	2180	34	154	216	4.529	0.713	0.157	6.6	24.37
4579	40.6916	116.4611	86.2	620	QA1	0	0	0	0	75	33.1	2114	63	110	163	1.746	0.675	0.387	6.6	24.37
4580	40.6920	116.4610	76.0	604	QA1	0	0	0	0	81	32.8	2076	45	79	174	1.756	0.454	0.259	6.5	24.37
4581	40.6924	116.4610	65.4	592	QA1	0	0	0	0	68	32.7	2171	49	116	198	2.367	0.586	0.247	6.5	24.38
4582	40.6928	116.4610	54.2	584	QF	0	0	0	0	69	39.2	2225	52	130	175	2.500	0.743	0.297	6.5	24.39
4583	40.6932	116.4610	43.0	566	QF	0	0	0	0	65	38.9	2172	38	190	153	5.000	1.242	0.248	6.5	24.40
4584	40.6936	116.4610	36.8	555	QF	0	0	0	0	71	38.7	2222	40	122	195	3.050	0.626	0.205	6.4	24.40
4585	40.6940	116.4610	34.4	540	QF	0	0	0	0	65	38.4	2322	60	82	217	1.367	0.378	0.276	6.4	24.41
4586	40.6944	116.4610	39.0	517	QF	0	0	0	0	67	38.0	2177	67	131	188	1.955	0.697	0.356	6.3	24.42
4587	40.6948	116.4610	51.9	502	QF	0	0	0	0	68	37.7	2394	62	95	202	1.532	0.470	0.307	6.4	24.42
4588	40.6952	116.4610	120.4	497	QF	0	0	0	0	64	37.6	2213	36	238	147	6.611	1.619	0.245	6.3	24.43
4589	40.6956	116.4610	167.9	494	QF	0	0	0	0	70	37.6	2271	50	110	179	2.200	0.615	0.279	6.4	24.43
4590	40.6960	116.4610	225.2	493	QF	0	0	0	0	58	37.6	2287	74	145	137	1.959	1.058	0.540	6.4	24.43
4591	40.6964	116.4610	275.5	492	QF	0	0	0	0	72	37.5	2363	49	137	214	2.796	0.640	0.229	6.4	24.42
4592	40.6968	116.4610	308.7	491	QF	0	0	0	0	68	37.5	2371	70	85	209	1.214	0.407	0.335	6.3	24.42
4593	40.6972	116.4610	318.5	490	QF	0	0	0	0	73	37.5	2449	72	109	289	1.514	0.377	0.249	6.3	24.41
4594	40.6976	116.4610	317.1	489	QF	0	0	0	0	74	37.5	2454	78	103	245	1.321	0.420	0.318	6.3	24.41
4595	40.6980	116.4610	307.5	478	QF	0	0	0	0	69	37.3	2393	65	155	203	2.348	0.764	0.325	6.3	24.40
4596	40.6984	116.4610	304.1	455	QF	0	0	0	0	72	36.8	2425	70	140	220	2.000	0.636	0.318	6.3	24.40
4597	40.6988	116.4610	297.4	429	QF	0	0	0	0	59	36.3	2399	47	199	205	4.234	0.971	0.229	6.3	24.39
4598	40.6992	116.4610	292.6	416	QF	0	0	0	0	70	36.0	2430	75	112	238	1.493	0.471	0.315	6.3	24.39
4599	40.6996	116.4610	274.3	408	QF	0	0	0	0	64	35.9	2488	72	119	276	1.653	0.431	0.261	6.3	24.37
4600	40.7000	116.4610	223.4	390	TBA	0	0	0	0	66	35.5	2325	60	98	246	1.633	0.398	0.244	6.2	24.36
4601	40.7004	116.4610	214.4	387	TBA	0	0	0	0	64	43.7	2262	63	93	238	1.476	0.391	0.265	6.3	24.34
4602	40.7008	116.4610	230.3	400	TBA	0	0	0	0	72	44.0	2470	57	154	182	2.702	0.846	0.313	6.2	24.32
4603	40.7012	116.4610	267.5	415	TBA	0	0	0	0	71	44.4	2355	66	94	228	1.424	0.412	0.289	6.1	24.32
4604	40.7016	116.4610	317.3	446	TBA	0	0	0	0	68	45.2	2240	50	63	247	1.260	0.255	0.202	6.1	24.30
4605	40.7020	116.4610	371.7	465	TBA	0	0	0	0	71	45.7	2251	48	77	224	1.604	0.344	0.214	6.0	24.29
4606	40.7024	116.4610	423.6	471	TBA	0	0	0	0	69	45.8	2226	45	105	219	2.333	0.479	0.205	5.9	24.28
4607	40.7027	116.4610	455.9	473	TBA	0	0	0	0	79	45.9	2131	64	70	163	1.094	0.429	0.393	5.8	24.27
4608	40.7031	116.4610	460.0	478	TBA	0	0	0	0	67	46.0	2081	53	119	138	2.245	0.862	0.384	5.8	24.25
4609	40.7035	116.4610	448.5	474	TBA	0	0	0	0	58	45.9	2104	63	41	233	0.651	0.176	0.270	5.7	24.24

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4610	40.7039	116.4610	430.8	481	TBA	0	0	0	0	78	46.0	2085	53	116	170	2.189	0.682	0.312	5.7	24.22
4611	40.7043	116.4610	410.1	489	TBA	0	0	0	0	64	46.2	2117	66	82	176	1.242	0.466	0.375	5.7	24.20
4612	40.7047	116.4610	369.0	494	TBA	0	0	0	0	71	46.3	2088	51	111	179	2.176	0.620	0.285	5.7	24.18
4613	40.7051	116.4610	343.3	495	TBA	0	0	0	0	69	46.4	2057	38	104	226	2.737	0.460	0.168	5.7	24.16
4614	40.7055	116.4610	323.3	498	TBA	0	0	0	0	73	46.4	2031	48	85	165	1.771	0.515	0.291	5.6	24.13
4615	40.7059	116.4610	297.6	499	TBA	0	0	0	0	70	46.5	2117	40	120	171	3.000	0.702	0.234	5.6	24.10
4616	40.7063	116.4610	276.7	506	TBA	0	0	0	0	75	46.6	2100	57	161	122	2.825	1.320	0.467	5.6	24.08
4617	40.7067	116.4610	254.9	524	TBA	0	0	0	0	76	47.0	2145	42	141	142	3.357	0.993	0.296	5.6	24.07
4618	40.7071	116.4610	229.3	537	TBA	0	0	0	0	73	47.3	2037	47	43	261	0.915	0.165	0.180	5.6	24.06
4619	40.7075	116.4610	201.9	548	TBA	0	0	0	0	73	47.6	2083	40	168	102	4.200	1.647	0.392	5.6	24.05
4620	40.7079	116.4610	168.1	570	TBA	0	0	0	0	71	54.9	2175	58	74	174	1.276	0.425	0.333	5.6	24.04
4621	40.7083	116.4610	137.4	571	TBA	0	0	0	0	74	55.0	2230	50	64	277	1.280	0.231	0.181	5.6	24.03
4622	40.7087	116.4610	105.7	575	TBA	0	0	0	0	65	55.0	2308	63	137	192	2.175	0.714	0.328	5.6	24.03
4623	40.7091	116.4610	71.2	566	TBA	0	0	0	0	74	54.8	2337	54	145	173	2.685	0.838	0.312	5.6	24.01
4624	40.7095	116.4610	35.5	565	TBA	0	0	0	0	75	54.8	2340	75	48	236	0.640	0.203	0.318	5.6	23.99
4625	40.7099	116.4610	-27.7	564	TBA	0	0	0	0	77	54.8	2426	70	52	234	0.743	0.222	0.299	5.6	23.96
4626	40.7103	116.4610	-54.1	515	TBA	0	0	0	0	82	53.5	2223	64	50	218	0.781	0.229	0.294	5.6	23.97
4627	40.7107	116.4610	-76.5	495	TBA	0	0	0	0	63	53.0	2308	55	98	232	1.782	0.422	0.237	5.5	23.98
4628	40.7111	116.4610	-90.3	490	TBA	0	0	0	0	76	52.9	2215	69	62	176	0.899	0.352	0.392	5.5	23.97
4629	40.7115	116.4610	-93.0	483	TBA	0	0	0	0	66	52.7	2241	55	38	252	0.691	0.151	0.218	5.5	23.96
4630	40.7119	116.4610	-86.7	483	TBA	0	0	0	0	81	52.7	2201	48	169	147	3.521	1.150	0.327	5.4	23.95
4631	40.7123	116.4610	-78.4	489	TBA	0	0	0	0	70	52.8	2199	36	112	212	3.111	0.528	0.170	5.4	23.93
4632	40.7127	116.4610	-69.1	497	TBA	0	0	0	0	74	53.1	2109	59	114	183	1.932	0.623	0.322	5.4	23.91
4633	40.7131	116.4610	-62.5	529	TBA	0	0	0	0	81	53.9	2066	62	42	184	0.677	0.228	0.337	5.5	23.90
4634	40.7135	116.4610	-55.2	586	TBA	0	0	0	0	81	55.3	2285	58	121	163	2.086	0.742	0.356	5.5	23.89
4635	40.7139	116.4610	-46.6	624	TBA	0	0	0	0	70	56.2	2187	59	108	216	1.831	0.500	0.273	5.5	23.90
4636	40.7143	116.4610	-36.4	620	TBA	0	0	0	0	73	56.1	2282	53	123	181	2.321	0.680	0.293	5.5	23.90
4637	40.7146	116.4610	-1.7	603	TBA	0	0	0	0	66	55.7	2174	76	37	184	0.487	0.201	0.413	5.5	23.88
4638	40.7150	116.4610	18.5	593	TBA	0	0	0	0	70	55.5	2201	52	76	195	1.462	0.390	0.267	5.6	23.88
4639	40.7154	116.4610	34.9	612	TBA	0	0	0	0	72	54.2	2171	55	91	180	1.655	0.506	0.306	5.6	23.87
4640	40.7158	116.4610	49.1	625	TBA	0	0	0	0	67	54.5	2318	74	90	221	1.216	0.407	0.335	5.6	23.86
4641	40.7162	116.4610	56.5	615	TBA	0	0	0	0	71	54.3	2290	65	36	230	0.554	0.157	0.283	5.6	23.85
4642	40.7166	116.4610	60.2	607	TBA	0	0	0	0	73	54.1	2172	57	70	207	1.228	0.338	0.275	5.6	23.84
4643	40.7170	116.4610	55.3	610	TBA	0	0	0	0	72	54.1	2228	67	99	174	1.478	0.569	0.385	5.7	23.82
4644	40.7174	116.4610	46.6	587	TBA	0	0	0	0	73	53.6	2294	37	141	174	3.811	0.810	0.213	5.6	23.81
4645	40.7178	116.4610	32.4	555	TBA	0	0	0	0	74	52.9	2352	60	84	216	1.400	0.389	0.278	5.6	23.79
4646	40.7182	116.4610	18.3	544	TBA	0	0	0	0	69	52.6	2401	52	93	223	1.788	0.417	0.233	5.6	23.78
4647	40.7186	116.4610	3.0	499	TBA	0	0	0	0	73	51.5	2242	71	37	231	0.521	0.160	0.307	5.5	23.77
4648	40.7190	116.4610	-5.2	496	TBA	0	0	0	0	75	51.4	2273	44	204	138	4.636	1.478	0.319	5.4	23.76
4649	40.7194	116.4610	8.0	492	TBA	0	0	0	0	69	51.3	2283	55	160	153	2.909	1.046	0.359	5.4	23.75
4650	40.7198	116.4610	22.3	466	TBA	0	0	1	0	77	50.6	2207	58	28	273	0.483	0.103	0.212	5.3	23.73
4651	40.7202	116.4610	33.6	438	TBA	0	0	0	0	64	49.8	2375	69	97	201	1.406	0.483	0.343	5.3	23.72
4652	40.7206	116.4610	38.1	431	TBA	0	0	0	0	76	49.6	2217	59	101	191	1.712	0.529	0.309	5.2	23.71
4653	40.7210	116.4610	43.6	423	TBA	0	0	0	0	80	49.4	2150	64	41	251	0.641	0.163	0.255	5.1	23.69
4654	40.7214	116.4610	38.8	452	TBA	0	0	0	0	77	50.2	2513	71	76	269	1.070	0.283	0.264	5.1	23.67
4655	40.7218	116.4610	37.7	494	TBA	0	0	0	0	78	51.3	2238	49	62	273	1.265	0.227	0.179	5.0	23.64
4656	40.7222	116.4610	41.4	544	TBA	0	0	0	0	74	52.6	2272	50	139	166	2.780	0.837	0.301	5.0	23.60
4657	40.7226	116.4610	45.1	589	TBA	0	0	0	0	84	53.7	2568	58	126	208	2.172	0.606	0.279	5.0	23.58
4658	40.7230	116.4610	52.8	575	TBA	0	0	0	0	78	44.4	2649	78	104	207	1.333	0.502	0.377	4.9	23.57
4659	40.7234	116.4610	61.3	546	TBA	0	0	0	0	74	43.8	2351	87	103	181	1.184	0.569	0.481	4.9	23.57
4660	40.7238	116.4610	73.1	577	TBA	0	0	0	0	68	44.5	2462	60	64	297	1.067	0.215	0.202	4.8	23.56
4661	40.7242	116.4610	112.6	577	TBA	0	0	0	0	73	44.5	2586	45	99	255	2.200	0.388	0.176	4.7	23.55
4662	40.7246	116.4610	132.9	603	TBA	0	0	0	0	67	45.0	2655	59	200	199	3.390	1.005	0.296	4.6	23.54
4663	40.7250	116.4610	154.3	649	TBA	0	0	0	0	68	45.8	2698	59	106	282	1.797	0.376	0.209	4.6	23.53

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4664	40.7254	116.4610	171.0	696	TBA	0	0	0	0	82	46.7	2910	50	208	242	4.160	0.860	0.207	4.6	23.53
4665	40.7258	116.4610	180.4	712	TBA	1	0	0	0	74	46.9	2944	75	127	318	1.693	0.399	0.236	4.4	23.51
4666	40.7262	116.4610	184.4	703	TBA	1	0	0	0	76	46.8	2886	71	162	238	2.282	0.681	0.298	4.3	23.49
4667	40.7265	116.4610	184.2	681	TBA	0	0	0	0	83	46.4	3010	78	101	346	1.295	0.292	0.225	4.3	23.48
4668	40.7269	116.4610	177.7	648	TBA	0	0	0	0	72	45.8	2913	86	66	343	0.767	0.192	0.251	4.2	23.48
4669	40.7273	116.4610	157.0	612	TBA	0	0	0	0	75	45.1	2753	55	127	328	2.309	0.387	0.168	4.1	23.46
4670	40.7277	116.4610	128.3	590	TBA	0	0	0	0	85	44.7	2760	57	159	235	2.789	0.677	0.243	4.0	23.44
4671	40.7281	116.4610	97.4	567	TBA	0	0	0	0	77	44.3	2593	61	116	226	1.902	0.513	0.270	4.0	23.40
4672	40.7285	116.4610	80.6	551	TBI	0	0	0	0	77	44.0	2614	68	154	212	2.265	0.726	0.321	4.0	23.38
4673	40.7289	116.4610	87.2	529	TBI	0	0	0	0	73	43.5	2459	45	196	224	4.356	0.875	0.201	4.0	23.35
4674	40.7293	116.4610	120.5	503	TBI	0	0	0	0	74	43.0	2533	52	85	303	1.635	0.281	0.172	3.9	23.33
4675	40.7297	116.4610	122.3	502	TBI	0	0	0	0	77	42.9	2460	48	115	254	2.396	0.453	0.189	3.9	23.29
4676	40.7301	116.4610	104.3	499	TBI	0	0	0	0	83	42.9	2525	65	111	250	1.708	0.444	0.260	3.9	23.27
4677	40.7305	116.4610	74.3	495	TBI	0	0	0	0	82	39.5	2436	69	113	230	1.638	0.491	0.300	3.8	23.24
4678	40.7309	116.4610	29.3	494	TBI	0	0	0	0	81	39.5	2554	56	146	250	2.607	0.584	0.224	3.8	23.21
4679	40.7313	116.4610	-27.7	491	TBI	0	0	0	0	83	39.4	2647	76	147	276	1.934	0.533	0.275	3.7	23.19
4680	40.7317	116.4610	-84.2	484	TBI	0	0	0	0	84	39.3	2559	65	131	274	2.015	0.478	0.237	3.7	23.17
4681	40.7321	116.4610	-123.1	463	TBI	0	0	0	0	85	38.9	2566	65	167	272	2.569	0.614	0.239	3.6	23.14
4682	40.7325	116.4610	-135.5	442	TBI	0	0	0	0	84	38.4	2561	61	184	279	3.016	0.659	0.219	3.6	23.12
4683	40.7329	116.4610	-123.9	413	TBI	0	0	0	0	80	37.8	2560	77	134	278	1.740	0.482	0.277	3.5	23.10
4684	40.7333	116.4610	-109.3	394	TBI	0	0	0	0	83	37.4	2299	62	106	225	1.710	0.471	0.276	3.4	23.09
4685	40.7337	116.4610	-92.4	382	TBI	0	0	0	0	90	37.1	2441	71	36	248	0.507	0.145	0.286	3.4	23.08
4686	40.7341	116.4610	-23.9	377	TBI	0	0	0	0	88	37.0	2435	73	112	277	1.534	0.404	0.264	3.3	23.08
4687	40.7345	116.4610	23.4	382	TBI	0	0	0	0	86	37.1	2368	57	172	187	3.018	0.920	0.305	3.2	23.08
4688	40.7349	116.4610	61.0	392	TBI	0	0	0	0	92	37.3	2350	68	124	193	1.824	0.642	0.352	3.2	23.08
4689	40.7353	116.4610	81.9	404	TBI	0	0	0	0	85	37.6	2384	57	107	219	1.877	0.489	0.260	3.1	23.08
4690	40.7357	116.4610	87.6	417	TBI	0	0	0	0	94	37.9	2324	42	114	230	2.714	0.496	0.183	3.0	23.07
4691	40.7361	116.4610	85.7	427	TBI	0	0	0	0	89	38.1	2334	70	112	196	1.600	0.571	0.357	3.0	23.08
4692	40.7365	116.4610	86.1	435	TBI	0	0	0	0	86	38.2	2448	71	158	161	2.225	0.981	0.441	2.9	23.08
4693	40.7369	116.4610	103.1	438	TBI	0	0	0	0	94	38.3	2429	58	133	209	2.293	0.636	0.278	2.8	23.09
4694	40.7373	116.4610	153.5	443	TBI	0	0	0	0	78	38.4	2333	73	95	185	1.301	0.514	0.395	2.7	23.09
4695	40.7377	116.4610	227.3	450	TBI	0	0	0	0	80	38.6	2250	56	183	182	3.268	1.005	0.308	2.7	23.10
4696	40.7381	116.4610	291.9	462	TBI	0	0	0	0	78	36.1	2314	70	131	256	1.871	0.512	0.273	2.7	23.10
4697	40.7384	116.4610	319.5	463	TBI	0	0	0	0	83	36.1	2258	25	219	151	8.760	1.450	0.166	2.6	23.10
4698	40.7388	116.4610	325.3	473	TBI	0	0	0	0	86	36.3	2117	66	38	239	0.576	0.159	0.276	2.6	23.10
4699	40.7392	116.4610	331.9	478	TBI	0	0	0	0	79	36.4	2180	53	127	199	2.396	0.638	0.266	2.6	23.11
4700	40.7396	116.4610	339.0	485	TBI	0	0	0	0	89	36.5	2016	52	89	205	1.712	0.434	0.254	2.5	23.11
4701	40.7400	116.4610	341.1	488	TBI	0	0	1	0	91	36.6	2028	79	27	141	0.342	0.191	0.560	2.5	23.12
4702	40.7404	116.4610	330.6	490	TBI	0	0	0	0	81	36.6	1932	43	157	104	3.651	1.510	0.413	2.5	23.12
4703	40.7408	116.4610	319.1	490	TBI	0	0	0	0	91	36.6	1862	50	146	98	2.920	1.490	0.510	2.5	23.12
4704	40.7412	116.4610	301.7	492	TBI	0	0	0	0	89	36.6	1979	53	69	182	1.302	0.379	0.291	2.5	23.12
4705	40.7416	116.4610	279.0	492	TBI	0	0	0	0	72	36.6	2050	43	105	144	2.442	0.729	0.299	2.5	23.13
4706	40.7420	116.4610	253.5	490	TBI	0	0	0	0	91	36.6	1932	48	81	160	1.688	0.506	0.300	2.5	23.14
4707	40.7424	116.4610	230.3	486	TBI	0	0	0	0	88	36.5	2058	52	186	84	3.577	2.214	0.619	2.4	23.16
4708	40.7428	116.4610	204.0	474	TBI	0	0	0	0	77	36.3	1985	46	132	132	2.870	1.000	0.348	2.4	23.17
4709	40.7432	116.4610	173.8	452	TBI	0	0	0	0	75	35.9	1976	67	73	180	1.090	0.406	0.372	2.4	23.18
4710	40.7436	116.4610	133.9	433	TBI	0	0	0	0	76	35.5	2027	52	110	190	2.115	0.579	0.274	2.4	23.20
4711	40.7440	116.4610	-9.7	417	TBI	0	0	0	0	85	35.2	2057	63	95	165	1.508	0.576	0.382	2.4	23.21
4712	40.7444	116.4610	-62.0	409	TBI	0	0	0	0	94	35.0	2074	48	136	175	2.833	0.777	0.274	2.4	23.22
4713	40.7448	116.4610	-51.8	398	TBI	0	0	0	0	84	34.8	2106	74	134	154	1.811	0.870	0.481	2.4	23.23
4714	40.7452	116.4610	8.9	384	TBI	0	0	0	0	72	34.5	2144	57	107	209	1.877	0.512	0.273	2.4	23.24
4715	40.7456	116.4610	47.3	371	TBI	0	0	0	0	85	35.8	1927	46	185	135	4.022	1.370	0.341	2.4	23.26
4716	40.7460	116.4610	24.0	358	TBI	0	0	0	0	80	35.5	1851	63	122	103	1.937	1.184	0.612	2.4	23.26
4717	40.7464	116.4610	-25.6	338	TBI	0	0	0	0	78	35.0	1681	31	123	123	3.968	1.000	0.252	2.5	23.27

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4718	40.7468	116.4610	-59.0	319	TBI	0	0	0	0	77	34.6	1695	46	81	152	1.761	0.533	0.303	2.5	23.27
4719	40.7472	116.4610	-38.5	310	TBI	0	0	0	0	81	34.4	1761	19	120	160	6.316	0.750	0.119	2.4	23.28
4720	40.7476	116.4610	35.5	308	TBI	0	0	0	0	79	34.3	1818	30	104	182	3.467	0.571	0.165	2.5	23.28
4721	40.7480	116.4610	88.5	308	TBI	0	0	0	0	78	34.3	1834	42	51	185	1.214	0.276	0.227	2.5	23.28
4722	40.7484	116.4610	89.5	306	TBI	0	0	0	0	82	34.3	1849	42	78	166	1.857	0.470	0.253	2.4	23.29
4723	40.7488	116.4610	68.0	300	TBI	0	0	0	0	84	34.2	1794	42	78	154	1.857	0.506	0.273	2.4	23.29
4724	40.7492	116.4610	48.6	299	TBI	0	0	0	0	83	34.1	1712	35	77	156	2.200	0.494	0.224	2.3	23.30
4725	40.7496	116.4610	55.3	298	TBI	0	0	0	0	86	34.1	1831	55	54	132	0.982	0.409	0.417	2.2	23.30
4726	40.7499	116.4610	85.7	303	TBI	0	0	0	0	83	34.2	1704	50	71	135	1.420	0.526	0.370	2.1	23.30
4727	40.7503	116.4609	99.0	305	TBI	0	0	0	0	82	34.3	1584	32	75	139	2.344	0.540	0.230	2.1	23.30
4728	40.7507	116.4609	103.0	305	TBI	0	0	0	0	80	34.3	1524	45	85	103	1.889	0.825	0.437	2.0	23.30
4729	40.7511	116.4609	100.1	310	TBI	0	0	0	0	73	34.4	1535	40	82	151	2.050	0.543	0.265	2.0	23.30
4730	40.7515	116.4609	113.2	318	TBI	0	0	0	0	88	34.6	1610	44	35	121	0.795	0.289	0.364	2.0	23.30
4731	40.7519	116.4609	155.2	321	TBI	0	0	0	0	78	34.7	1530	28	71	122	2.536	0.582	0.230	1.9	23.30
4732	40.7523	116.4609	171.3	326	TBI	0	0	0	0	83	34.8	1430	42	36	131	0.857	0.275	0.321	1.8	23.31
4733	40.7527	116.4609	164.9	332	TBI	0	0	0	0	86	34.9	1360	19	85	111	4.474	0.766	0.171	1.8	23.31
4734	40.7531	116.4609	169.2	338	TBI	0	0	0	0	84	34.4	1479	20	85	106	4.250	0.802	0.189	1.8	23.32
4735	40.7535	116.4609	212.6	344	TBI	0	0	0	0	85	34.5	1587	45	51	143	1.133	0.357	0.315	1.8	23.33
4736	40.7539	116.4609	232.3	338	TBI	0	0	0	0	78	34.4	1632	55	52	113	0.945	0.460	0.487	1.8	23.33
4737	40.7543	116.4609	237.3	334	TBI	0	0	0	0	76	34.3	1748	43	41	183	0.953	0.224	0.235	1.8	23.33
4738	40.7547	116.4609	242.3	334	TBI	0	0	0	0	79	34.3	1726	45	89	140	1.978	0.636	0.321	1.7	23.34
4739	40.7551	116.4609	236.9	340	TBI	0	0	0	0	81	34.4	1739	54	43	159	0.796	0.270	0.340	1.7	23.33
4740	40.7555	116.4609	212.3	345	TBI	0	0	0	0	78	34.5	1726	40	127	146	3.175	0.870	0.274	1.7	23.33
4741	40.7559	116.4609	155.8	349	TBI	0	0	0	0	72	34.6	1791	51	107	119	2.098	0.899	0.429	1.6	23.33
4742	40.7563	116.4609	73.4	356	TBI	0	0	0	0	81	34.8	1759	33	116	159	3.515	0.730	0.208	1.6	23.33
4743	40.7567	116.4609	15.5	357	TBI	0	0	0	0	80	34.8	1818	47	52	157	1.106	0.331	0.299	1.6	23.33
4744	40.7571	116.4609	-17.3	349	TBI	0	0	0	0	80	34.6	1703	46	82	149	1.783	0.550	0.309	1.6	23.34
4745	40.7575	116.4609	-55.9	335	TBI	0	0	0	0	86	34.3	1658	42	86	147	2.048	0.585	0.286	1.5	23.34
4746	40.7579	116.4609	-66.4	331	TBI	0	0	0	0	85	34.2	1710	43	58	153	1.349	0.379	0.281	1.5	23.34
4747	40.7583	116.4609	-35.9	327	TBI	0	0	0	0	80	34.1	1732	54	57	153	1.056	0.373	0.353	1.5	23.35
4748	40.7587	116.4609	-6.3	329	TBI	0	0	0	0	79	34.2	1688	52	78	131	1.500	0.595	0.397	1.5	23.35
4749	40.7591	116.4609	37.2	334	TBI	0	0	0	0	82	34.3	1717	36	91	155	2.528	0.587	0.232	1.4	23.36
4750	40.7595	116.4609	51.5	337	TBI	0	0	0	0	85	34.4	1727	54	85	135	1.574	0.630	0.400	1.3	23.36
4751	40.7599	116.4609	48.1	337	TBI	0	0	0	0	87	34.4	1643	39	82	117	2.103	0.701	0.333	1.3	23.36
4752	40.7603	116.4609	118.1	336	TBI	0	0	0	0	91	34.3	1703	38	95	126	2.500	0.754	0.302	1.3	23.37
4753	40.7607	116.4609	222.9	338	TBI	0	0	0	0	74	35.3	1683	37	125	126	3.378	0.992	0.294	1.4	23.37
4754	40.7611	116.4609	270.5	342	TBI	0	0	0	0	72	35.4	1691	48	71	176	1.479	0.403	0.273	1.3	23.38
4755	40.7615	116.4609	266.3	340	TBI	0	0	0	0	81	35.3	1820	45	134	120	2.978	1.117	0.375	1.3	23.38
4756	40.7618	116.4609	252.2	330	TBI	0	0	0	0	81	35.1	1536	45	70	108	1.556	0.648	0.417	1.2	23.38
4757	40.7622	116.4609	278.0	325	TBI	0	0	0	0	81	35.0	1619	29	133	142	4.586	0.937	0.204	1.2	23.38
4758	40.7626	116.4609	293.3	328	TBI	0	0	0	0	82	35.0	1530	46	69	127	1.500	0.543	0.362	1.2	23.39
4759	40.7630	116.4609	279.0	326	TBI	0	0	0	0	82	35.0	1674	46	91	144	1.978	0.632	0.319	1.2	23.40
4760	40.7634	116.4609	256.0	316	TBI	0	0	0	0	75	34.7	1697	28	135	120	4.821	1.125	0.233	1.2	23.41
4761	40.7638	116.4609	251.6	299	TBI	0	0	0	0	75	34.3	1600	43	76	113	1.767	0.673	0.381	1.1	23.40
4762	40.7642	116.4609	225.1	288	TBI	0	0	0	0	76	34.1	1550	53	75	98	1.415	0.765	0.541	1.1	23.40
4763	40.7646	116.4609	169.7	276	TBI	0	0	0	0	80	33.8	1526	49	95	91	1.939	1.044	0.538	1.2	23.40
4764	40.7650	116.4609	117.2	265	TBI	0	0	1	0	79	33.5	1520	46	20	140	0.435	0.143	0.329	1.3	23.40
4765	40.7654	116.4609	86.7	258	TBI	0	0	0	0	75	33.3	1542	42	117	110	2.786	1.064	0.382	1.3	23.39
4766	40.7658	116.4609	102.0	261	TBI	0	0	0	0	84	33.4	1509	49	60	135	1.224	0.444	0.363	1.3	23.40
4767	40.7662	116.4609	137.1	267	TBI	0	0	0	0	77	33.6	1505	45	49	139	1.089	0.353	0.324	1.4	23.40
4768	40.7666	116.4609	165.9	277	TBI	0	0	0	0	78	33.8	1611	37	89	151	2.405	0.589	0.245	1.3	23.40
4769	40.7670	116.4609	174.5	284	TBI	0	0	1	0	88	34.0	1535	41	9	152	0.220	0.059	0.270	1.3	23.39
4770	40.7674	116.4609	168.4	292	TBI	0	0	0	0	76	34.2	1569	36	67	135	1.861	0.496	0.267	1.3	23.39
4771	40.7678	116.4609	163.7	294	TBI	0	0	0	0	85	34.2	1788	53	80	158	1.509	0.506	0.335	1.2	23.39

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4772	40.7682	116.4609	118.2	295	TBI	0	0	0	0	76	35.8	1905	56	73	139	1.304	0.525	0.403	1.2	23.39
4773	40.7686	116.4609	69.5	298	TBI	0	0	0	0	74	35.8	1764	32	136	123	4.250	1.106	0.260	1.1	23.39
4774	40.7690	116.4609	25.8	300	TBI	0	0	0	0	76	35.9	1770	52	149	116	2.865	1.284	0.448	1.1	23.39
4775	40.7694	116.4609	4.7	309	TBI	0	0	1	0	80	36.1	1912	65	23	196	0.354	0.117	0.332	1.0	23.39
4776	40.7698	116.4609	20.3	318	TBI	0	0	0	0	82	36.3	1761	59	71	126	1.203	0.563	0.468	1.1	23.40
4777	40.7702	116.4609	59.2	326	TBI	0	0	0	0	78	36.5	1688	46	111	132	2.413	0.841	0.348	1.2	23.40
4778	40.7706	116.4609	97.1	338	TBI	0	0	0	0	82	36.8	1781	55	43	146	0.782	0.295	0.377	1.2	23.40
4779	40.7710	116.4609	110.8	336	TBI	0	0	0	0	75	36.8	1726	36	106	148	2.944	0.716	0.243	1.3	23.40
4780	40.7714	116.4609	107.3	328	TBI	0	0	0	0	81	36.6	1699	37	70	164	1.892	0.427	0.226	1.3	23.40
4781	40.7718	116.4609	104.0	317	TBI	0	0	0	0	77	36.3	1748	47	111	119	2.362	0.933	0.395	1.4	23.41
4782	40.7722	116.4609	102.6	324	TBI	0	0	0	0	83	36.5	1724	50	45	158	0.900	0.285	0.316	1.4	23.41
4783	40.7726	116.4609	111.2	338	TBI	0	0	0	0	80	36.8	1729	53	79	119	1.491	0.664	0.445	1.5	23.41
4784	40.7730	116.4609	168.7	357	TBI	0	0	0	0	78	37.3	1731	44	124	145	2.818	0.855	0.303	1.6	23.40
4785	40.7734	116.4609	198.6	373	TBI	0	0	0	0	77	37.7	1828	53	59	199	1.113	0.296	0.266	1.6	23.40
4786	40.7737	116.4609	209.7	374	TBI	0	0	0	0	87	37.7	1782	35	66	188	1.886	0.351	0.186	1.6	23.40
4787	40.7741	116.4609	205.6	370	TBI	0	0	0	0	83	37.6	1769	43	93	139	2.163	0.669	0.309	1.6	23.40
4788	40.7745	116.4609	200.2	377	TBI	0	0	0	0	77	37.8	1607	40	60	155	1.500	0.387	0.258	1.6	23.41
4789	40.7749	116.4609	193.6	396	TBI	0	0	0	0	69	38.0	1635	51	54	136	1.059	0.397	0.375	1.7	23.41
4790	40.7753	116.4609	182.9	386	TBI	0	0	0	0	82	38.0	1683	34	99	119	2.912	0.832	0.286	1.6	23.41
4791	40.7757	116.4609	162.4	382	TBI	0	0	0	0	77	33.3	1720	47	53	134	1.128	0.396	0.351	1.7	23.41
4792	40.7761	116.4609	132.7	379	TBI	0	0	0	0	84	33.2	1693	31	99	152	3.194	0.651	0.204	1.7	23.41
4793	40.7765	116.4609	92.0	394	TBI	0	0	0	0	80	33.3	1676	33	101	160	3.061	0.631	0.206	1.7	23.41
4794	40.7769	116.4609	45.6	399	TBI	0	0	0	0	81	33.6	1524	43	79	100	1.837	0.790	0.430	1.7	23.41
4795	40.7773	116.4609	3.7	407	TBI	0	0	1	0	88	33.8	1607	39	-5	196	-0.128	-0.026	0.199	1.8	23.41
4796	40.7777	116.4609	-35.2	410	TBI	0	0	0	0	81	33.8	1677	32	61	150	1.906	0.407	0.213	1.8	23.41
4797	40.7781	116.4609	-97.9	409	TBI	0	0	0	0	76	33.8	1702	40	121	101	3.025	1.198	0.396	1.8	23.42
4798	40.7785	116.4609	-141.6	410	TBI	0	0	0	0	80	33.8	1795	55	68	141	1.236	0.482	0.390	1.8	23.42
4799	40.7789	116.4609	-201.1	410	TBI	0	0	0	0	80	33.8	1759	28	108	176	3.857	0.614	0.159	1.8	23.43
4800	40.7793	116.4609	-264.1	410	TBI	0	0	0	0	91	33.8	1777	44	97	102	2.205	0.951	0.431	1.8	23.44
4801	40.7797	116.4609	-316.6	402	TBI	0	0	0	0	71	33.7	1690	47	82	118	1.745	0.695	0.398	1.9	23.44
4802	40.7801	116.4609	-317.9	396	TBI	0	0	1	0	77	33.6	1791	50	24	193	0.480	0.124	0.259	1.9	23.44
4803	40.7805	116.4609	-242.6	393	TBI	0	0	0	0	84	33.5	1801	42	83	157	1.976	0.529	0.268	1.8	23.44
4804	40.7809	116.4609	-117.6	395	TBI	0	0	0	0	72	33.5	1724	53	71	136	1.340	0.522	0.390	1.9	23.45
4805	40.7813	116.4609	9.3	406	TBI	0	0	0	0	69	33.8	1738	36	90	159	2.500	0.566	0.226	2.0	23.45
4806	40.7817	116.4609	82.2	418	TBI	0	0	0	0	70	34.0	1808	45	98	160	2.178	0.612	0.281	2.0	23.46
4807	40.7821	116.4609	113.1	425	TBI	0	0	0	0	87	34.1	1780	30	129	140	4.300	0.921	0.214	2.1	23.46
4808	40.7825	116.4609	120.0	418	TBI	0	0	0	0	67	34.0	1707	56	57	112	1.018	0.509	0.500	2.1	23.46
4809	40.7829	116.4609	79.2	399	TBI	0	0	0	0	87	33.6	1712	44	108	129	2.455	0.837	0.341	2.2	23.46
4810	40.7833	116.4609	34.4	388	TBI	0	0	0	0	77	32.0	1870	35	79	190	2.257	0.416	0.184	2.2	23.47
4811	40.7837	116.4609	-24.1	384	TBI	0	0	0	0	82	31.9	1871	34	139	119	4.088	1.168	0.286	2.3	23.48
4812	40.7841	116.4609	-84.9	383	TBI	0	0	0	0	78	31.9	1739	35	37	166	1.057	0.223	0.211	2.4	23.47
4813	40.7845	116.4609	-113.8	385	TBI	0	0	0	0	84	32.0	1871	52	102	112	1.962	0.911	0.464	2.4	23.48
4814	40.7849	116.4609	-98.8	387	TBI	0	0	0	0	74	32.0	1873	71	80	129	1.127	0.620	0.550	2.4	23.48
4815	40.7853	116.4609	-47.4	390	TBI	0	0	0	0	78	32.1	1776	45	120	116	2.667	1.034	0.388	2.3	23.48
4816	40.7856	116.4609	10.4	394	TBI	0	0	0	0	77	32.1	1842	43	82	159	1.907	0.516	0.270	2.4	23.49
4817	40.7860	116.4609	52.7	395	TBI	0	0	0	0	78	32.2	1855	38	76	159	2.000	0.478	0.239	2.3	23.49
4818	40.7864	116.4609	94.2	399	TBI	0	0	0	0	72	32.2	1735	50	94	77	1.880	1.221	0.649	2.3	23.50
4819	40.7868	116.4609	152.3	405	TBI	0	0	0	0	70	32.4	1750	51	88	158	1.725	0.557	0.323	2.3	23.50
4820	40.7872	116.4609	209.9	412	TBI	0	0	0	0	75	32.5	1680	39	88	155	2.256	0.568	0.252	2.3	23.51
4821	40.7876	116.4609	292.0	421	TBI	0	0	1	0	73	32.6	1743	52	21	154	0.404	0.136	0.338	2.4	23.51
4822	40.7880	116.4609	302.0	440	TBI	0	0	0	0	84	33.0	1672	51	89	122	1.745	0.730	0.418	2.4	23.52
4823	40.7884	116.4609	286.1	455	TBI	0	0	0	0	78	33.3	1719	46	65	129	1.413	0.504	0.357	2.5	23.52
4824	40.7888	116.4609	247.8	442	TBI	0	0	0	0	78	33.0	1715	37	106	142	2.865	0.746	0.261	2.5	23.52
4825	40.7892	116.4609	201.5	427	TBI	0	0	0	0	79	32.8	1770	25	137	136	5.480	1.007	0.184	2.6	23.52

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4826	40.7896	116.4609	164.7	420	TBI	0	0	0	0	83	32.6	1713	48	29	169	0.604	0.172	0.284	2.7	23.51
4827	40.7900	116.4609	137.2	415	TBI	0	0	0	0	78	32.5	1867	56	32	197	0.571	0.162	0.284	2.7	23.51
4828	40.7904	116.4609	115.7	414	TBI	0	0	0	0	84	32.5	1803	54	55	170	1.019	0.324	0.318	2.8	23.51
4829	40.7908	116.4609	99.5	414	TBI	0	0	0	0	75	31.6	1913	49	77	182	1.571	0.423	0.269	2.8	23.51
4830	40.7912	116.4609	86.1	417	TBI	0	0	0	0	76	31.6	1951	55	85	161	1.545	0.528	0.342	2.8	23.51
4831	40.7916	116.4609	76.4	417	TBI	0	0	0	0	87	31.6	2014	46	58	187	1.261	0.310	0.246	2.8	23.51
4832	40.7920	116.4609	69.6	416	TBI	0	0	0	0	80	31.6	2008	46	89	164	1.935	0.543	0.280	2.8	23.52
4833	40.7924	116.4609	53.4	413	TBI	0	0	0	0	81	31.6	1955	47	188	128	4.000	1.469	0.367	2.9	23.52
4834	40.7928	116.4609	54.2	415	TBI	0	0	0	0	79	31.6	2024	54	97	149	1.796	0.651	0.362	2.8	23.52
4835	40.7932	116.4609	57.0	416	TBI	0	0	0	0	78	31.6	2021	71	98	131	1.380	0.748	0.542	2.8	23.53
4836	40.7936	116.4609	64.4	425	TBI	0	0	0	0	74	31.8	1991	41	121	165	2.951	0.733	0.248	2.9	23.53
4837	40.7940	116.4609	71.2	437	TBI	0	0	0	0	86	32.0	2014	51	87	156	1.706	0.558	0.327	2.9	23.53
4838	40.7944	116.4609	67.7	460	TBI	0	0	0	0	76	32.4	2031	56	112	169	2.000	0.663	0.331	3.0	23.53
4839	40.7948	116.4609	41.6	474	TBI	0	0	0	0	78	32.6	2008	57	79	162	1.386	0.488	0.352	3.0	23.53
4840	40.7952	116.4609	12.4	472	TBI	0	0	0	0	72	32.6	1995	38	160	154	4.211	1.039	0.247	3.0	23.53
4841	40.7956	116.4609	-6.1	464	TBI	0	0	0	0	67	32.5	2023	44	149	175	3.386	0.851	0.251	3.0	23.54
4842	40.7960	116.4609	-13.6	462	TBI	0	0	0	0	70	32.4	1928	52	125	140	2.404	0.893	0.371	3.0	23.54
4843	40.7964	116.4609	-7.0	469	TBI	0	0	0	0	73	32.5	1892	63	82	114	1.302	0.719	0.553	3.0	23.54
4844	40.7968	116.4609	1.6	482	TBI	0	0	0	0	80	32.8	1969	61	69	149	1.131	0.463	0.409	3.0	23.54
4845	40.7972	116.4609	16.7	490	TBI	0	0	0	0	74	32.9	1928	47	135	137	2.872	0.985	0.343	2.9	23.55
4846	40.7975	116.4609	40.8	490	TBI	0	0	0	0	70	32.9	1990	33	97	194	2.939	0.500	0.170	2.9	23.54
4847	40.7979	116.4609	53.3	493	TBI	0	0	0	0	79	32.9	1808	37	85	166	2.297	0.512	0.223	2.9	23.54
4848	40.7983	116.4609	60.9	495	TBI	0	0	0	0	77	34.6	1761	41	79	150	1.927	0.527	0.273	2.9	23.54
4849	40.7987	116.4609	68.7	496	TBI	0	0	0	0	77	34.6	1817	22	123	145	5.591	0.848	0.152	2.9	23.54
4850	40.7991	116.4609	72.7	495	TBI	0	0	0	0	82	34.6	1827	56	39	154	0.696	0.253	0.364	2.8	23.55
4851	40.7995	116.4609	80.0	494	TBI	0	0	0	0	74	34.6	1870	48	114	134	2.375	0.851	0.358	2.8	23.55
4852	40.7999	116.4609	90.6	499	TBI	0	0	0	0	86	34.7	1788	42	37	185	0.881	0.200	0.227	2.9	23.55
4853	40.8003	116.4609	98.6	500	TBI	0	0	0	0	81	34.7	1782	36	134	112	3.722	1.196	0.321	2.9	23.55
4854	40.8007	116.4609	102.7	509	TBI	0	0	1	0	86	34.9	1809	52	15	188	0.288	0.080	0.277	2.9	23.55
4855	40.8011	116.4609	104.5	505	TBI	0	0	0	0	74	34.8	1909	55	51	138	0.927	0.370	0.399	2.9	23.56
4856	40.8015	116.4609	101.6	514	TBI	0	0	0	0	81	35.0	1890	31	57	165	1.839	0.345	0.188	2.9	23.56
4857	40.8019	116.4609	98.3	508	TBI	0	0	0	0	80	34.9	1823	45	98	122	2.178	0.803	0.369	2.8	23.56
4858	40.8023	116.4609	96.3	507	TBI	0	0	0	0	77	34.8	1831	46	111	111	2.413	1.000	0.414	2.8	23.56
4859	40.8027	116.4609	97.7	20	TBI	0	0	0	0	73	35.0	1964	32	150	153	4.688	0.980	0.209	2.8	23.56
4860	40.8031	116.4609	106.6	532	TBI	0	0	0	0	71	35.3	1979	47	57	193	1.213	0.295	0.244	2.7	23.56
4861	40.8035	116.4609	112.0	540	TBI	0	0	0	0	73	35.4	2071	46	85	185	1.848	0.459	0.249	2.6	23.56
4862	40.8039	116.4609	122.1	549	TBI	0	0	0	0	71	35.5	2017	52	118	130	2.269	0.908	0.400	2.5	23.56
4863	40.8043	116.4609	128.2	556	TBI	0	0	0	0	83	35.7	2030	57	114	108	2.000	1.056	0.528	2.5	23.56
4864	40.8047	116.4609	136.0	566	TBI	0	0	0	0	74	35.8	2080	45	99	182	2.200	0.544	0.247	2.5	23.56
4865	40.8051	116.4609	140.8	566	TBI	0	0	0	0	72	35.8	2094	39	79	208	2.079	0.380	0.183	2.5	23.56
4866	40.8055	116.4609	145.4	542	TBI	0	0	0	0	77	35.4	1999	62	90	117	1.452	0.769	0.530	2.5	23.55
4867	40.8059	116.4609	150.5	519	TBI	0	0	0	0	78	35.1	2031	48	82	172	1.708	0.477	0.279	2.5	23.55
4868	40.8063	116.4609	148.4	529	TBI	0	0	0	0	71	35.3	2089	47	139	147	2.957	0.946	0.320	2.5	23.55
4869	40.8067	116.4609	147.9	532	TBI	0	0	0	0	83	35.4	2090	54	137	131	2.537	1.046	0.412	2.4	23.56
4870	40.8071	116.4609	137.0	532	TBI	0	0	0	0	76	35.4	2015	55	113	147	2.055	0.769	0.374	2.4	23.56
4871	40.8075	116.4609	132.2	531	TBI	0	0	0	0	80	35.3	1927	42	123	121	2.929	1.017	0.347	2.4	23.55
4872	40.8079	116.4609	127.6	541	TBI	0	0	0	0	77	35.5	1982	54	31	198	0.574	0.157	0.273	2.4	23.55
4873	40.8083	116.4609	124.0	552	TBI	0	0	0	0	84	35.7	1975	68	46	138	0.676	0.333	0.493	2.4	23.55
4874	40.8087	116.4609	119.5	574	TBI	0	0	0	0	78	36.1	2122	39	133	148	3.410	0.899	0.264	2.3	23.55
4875	40.8091	116.4609	113.1	580	TBI	0	0	0	0	85	36.1	2147	38	130	146	3.421	0.890	0.260	2.3	23.55
4876	40.8094	116.4609	111.6	586	TBI	0	0	0	0	80	36.2	2106	49	135	122	2.755	1.107	0.402	2.2	23.55
4877	40.8098	116.4609	105.7	589	TBI	0	0	0	0	86	36.3	2129	52	99	147	1.904	0.673	0.354	2.1	23.55
4878	40.8102	116.4609	96.5	596	TBI	0	0	0	0	77	36.4	2182	39	104	220	2.667	0.473	0.177	2.1	23.55
4879	40.8106	116.4609	93.2	607	TBI	0	0	0	0	71	36.6	2093	30	166	140	5.533	1.186	0.214	2.0	23.55

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4880	40.8110	116.4609	86.2	603	TBI	0	0	0	0	85	36.5	2058	47	133	143	2.830	0.930	0.329	2.0	23.55
4881	40.8114	116.4609	82.7	602	TBI	0	0	0	0	72	36.5	2262	30	169	156	5.633	1.083	0.192	2.0	23.56
4882	40.8118	116.4609	67.6	613	TBI	0	0	0	0	71	36.7	2137	43	93	192	2.163	0.484	0.224	1.9	23.56
4883	40.8122	116.4609	57.5	600	TBI	0	0	0	0	79	36.5	2248	56	74	147	1.321	0.503	0.381	1.9	23.56
4884	40.8126	116.4609	47.7	595	TBI	0	0	0	0	78	36.4	2105	66	49	191	0.742	0.257	0.346	1.8	23.56
4885	40.8130	116.4609	36.6	600	TBI	0	0	0	0	76	36.5	2213	44	129	186	2.932	0.694	0.237	1.8	23.57
4886	40.8134	116.4609	26.4	610	TBI	0	0	0	0	79	40.0	2158	54	70	162	1.296	0.432	0.333	1.7	23.57
4887	40.8138	116.4609	16.8	616	TBI	0	0	0	0	80	40.1	2272	44	123	160	2.795	0.769	0.275	1.7	23.57
4888	40.8142	116.4608	6.0	604	TBI	0	0	0	0	80	39.9	2089	58	121	143	2.086	0.846	0.406	1.6	23.57
4889	40.8146	116.4608	-0.4	620	TBI	0	0	0	0	76	40.2	2189	58	97	146	1.672	0.664	0.397	1.5	23.58
4890	40.8150	116.4608	-8.6	612	TBI	0	0	0	0	81	40.1	2062	36	83	171	2.306	0.485	0.211	1.4	23.58
4891	40.8154	116.4608	-17.3	616	TBI	0	0	0	0	71	40.1	2142	44	149	116	3.386	1.284	0.379	1.4	23.59
4892	40.8158	116.4608	-19.8	612	TBI	0	0	0	0	84	40.1	2182	72	67	157	0.931	0.427	0.459	1.4	23.60
4893	40.8162	116.4608	-26.3	608	TBI	0	0	0	0	65	40.0	2295	51	124	188	2.431	0.660	0.271	1.3	23.61
4894	40.8166	116.4608	-31.9	601	TBI	0	0	0	0	74	39.9	2326	71	62	155	0.873	0.400	0.458	1.3	23.62
4895	40.8170	116.4608	-37.0	576	TBI	0	0	0	0	76	39.5	2381	61	146	150	2.393	0.973	0.407	1.3	23.63
4896	40.8174	116.4608	-42.1	558	TBI	0	0	0	0	76	39.1	2171	51	80	177	1.569	0.452	0.288	1.3	23.65
4897	40.8178	116.4608	-49.5	544	TBI	0	0	0	0	83	38.9	2260	53	61	170	1.151	0.359	0.312	1.3	23.66
4898	40.8182	116.4608	-56.6	519	TBI	0	0	0	0	82	38.4	2099	68	65	153	0.956	0.425	0.444	1.3	23.68
4899	40.8186	116.4608	-64.0	499	TBI	0	0	0	0	71	38.1	2011	51	177	116	3.471	1.526	0.440	1.2	23.69
4900	40.8190	116.4608	-71.0	498	TBI	0	0	0	0	75	38.0	2052	67	85	134	1.269	0.634	0.500	1.3	23.70
4901	40.8194	116.4608	-77.7	499	TBI	0	0	0	0	68	38.0	2052	36	187	127	5.194	1.472	0.283	1.3	23.71
4902	40.8198	116.4608	-89.6	503	TBI	0	0	0	0	77	38.1	2293	63	146	150	2.317	0.973	0.420	1.3	23.70
4903	40.8202	116.4608	-96.6	496	TBI	0	0	0	0	75	38.0	2154	65	102	184	1.569	0.554	0.353	1.3	23.71
4904	40.8206	116.4608	-109.4	495	TBI	0	0	0	0	70	38.0	2136	57	73	230	1.281	0.317	0.248	1.3	23.72
4905	40.8209	116.4608	-127.4	492	TBI	0	0	0	0	71	39.0	2205	36	181	138	5.028	1.312	0.261	1.2	23.73
4906	40.8213	116.4608	-148.3	489	TBI	0	0	1	0	84	39.0	2245	74	24	226	0.324	0.106	0.327	1.2	23.74
4907	40.8217	116.4608	-192.4	481	TBI	0	0	0	0	77	38.8	2329	80	87	196	1.088	0.444	0.408	1.2	23.74
4908	40.8221	116.4608	-215.4	475	TBI	0	0	0	0	72	38.7	2181	48	120	173	2.500	0.694	0.277	1.3	23.76
4909	40.8225	116.4608	-236.9	474	TBI	0	0	0	0	74	38.7	2292	60	142	181	2.367	0.785	0.331	1.3	23.76
4910	40.8229	116.4608	-255.0	479	TBI	0	0	0	0	78	38.8	2250	63	70	216	1.111	0.324	0.292	1.4	23.77
4911	40.8233	116.4608	-270.0	483	TBI	0	0	0	0	76	38.8	2189	61	117	161	1.918	0.727	0.379	1.4	23.77
4912	40.8237	116.4608	-283.7	483	TBI	0	0	0	0	79	38.8	2334	51	187	163	3.667	1.147	0.313	1.5	23.77
4913	40.8241	116.4608	-302.9	484	TBI	0	0	0	0	69	38.9	2361	43	122	230	2.837	0.530	0.187	1.5	23.76
4914	40.8245	116.4608	-326.3	486	TBI	0	0	1	0	77	38.9	2319	73	27	208	0.370	0.130	0.351	1.6	23.76
4915	40.8249	116.4608	-349.1	485	TBI	0	0	0	0	77	38.9	2535	41	79	232	1.927	0.341	0.177	1.6	23.76
4916	40.8253	116.4608	-370.0	486	TBI	0	0	0	0	73	38.9	2319	70	59	230	0.843	0.257	0.304	1.6	23.77
4917	40.8257	116.4608	-379.5	482	TBI	0	0	0	0	75	38.8	2303	58	142	174	2.448	0.816	0.333	1.6	23.77
4918	40.8261	116.4608	-383.5	479	TBI	0	0	0	0	79	38.8	2234	58	104	171	1.793	0.608	0.339	1.5	23.78
4919	40.8265	116.4608	-373.0	478	TBI	0	0	0	0	78	38.7	2236	49	126	184	2.571	0.685	0.266	1.5	23.78
4920	40.8269	116.4608	-363.0	474	TBI	0	0	0	0	80	38.7	2182	72	119	151	1.653	0.788	0.477	1.5	23.79
4921	40.8273	116.4608	-354.5	467	TBI	0	0	0	0	75	38.5	2244	78	36	194	0.462	0.186	0.402	1.5	23.79
4922	40.8277	116.4608	-344.7	463	TBI	0	0	0	0	67	38.4	2116	65	89	179	1.369	0.497	0.363	1.5	23.80
4923	40.8281	116.4608	-337.0	459	TBI	0	0	0	0	73	38.4	2229	64	106	170	1.656	0.624	0.376	1.5	23.81
4924	40.8285	116.4608	-335.7	458	TBI	0	0	0	0	74	43.8	2102	53	96	179	1.811	0.536	0.296	1.4	23.81
4925	40.8289	116.4608	-338.2	459	TBI	0	0	0	0	67	43.8	2269	59	113	200	1.915	0.565	0.295	1.5	23.81
4926	40.8293	116.4608	-339.4	455	TBI	0	0	0	0	81	43.7	2162	45	166	151	3.689	1.099	0.298	1.5	23.82
4927	40.8297	116.4608	-344.2	450	TBI	0	0	0	0	72	43.6	2189	69	70	190	1.014	0.368	0.363	1.5	23.82
4928	40.8301	116.4608	-343.4	448	TBI	0	0	0	0	81	43.5	2261	65	71	226	1.092	0.314	0.288	1.5	23.83
4929	40.8305	116.4608	-350.1	446	TBI	0	0	0	0	66	43.5	2194	46	162	187	3.522	0.866	0.246	1.5	23.84
4930	40.8309	116.4608	-358.4	445	TBI	0	0	0	0	78	43.5	2246	37	165	193	4.459	0.855	0.192	1.5	23.84
4931	40.8313	116.4608	-382.6	444	TBI	0	0	0	0	78	43.5	2275	66	122	150	1.848	0.813	0.440	1.5	23.85
4932	40.8317	116.4608	-387.8	441	TBI	0	0	0	0	81	43.4	2204	56	82	228	1.464	0.360	0.246	1.5	23.85
4933	40.8321	116.4608	-387.6	436	TBI	0	0	0	0	67	43.3	2300	51	139	213	2.725	0.653	0.239	1.6	23.86

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4934	40.8325	116.4608	-381.6	429	TBI	0	0	0	0	76	43.1	2190	49	169	173	3.449	0.977	0.283	1.5	23.86
4935	40.8328	116.4608	-371.3	427	TBI	0	0	0	0	73	43.1	2148	62	99	195	1.597	0.508	0.318	1.5	23.87
4936	40.8332	116.4608	-360.5	429	TBI	0	0	0	0	66	43.1	2183	95	112	137	1.179	0.818	0.693	1.6	23.87
4937	40.8336	116.4608	-347.0	429	TBI	0	0	0	0	76	43.1	2227	70	110	200	1.571	0.550	0.350	1.6	23.87
4938	40.8340	116.4608	-328.9	437	TBI	0	0	0	0	69	43.3	2238	58	165	193	2.845	0.855	0.301	1.6	23.87
4939	40.8344	116.4608	-312.0	445	TBI	0	0	0	0	73	43.5	2183	57	142	198	2.491	0.717	0.288	1.6	23.87
4940	40.8348	116.4608	-293.4	450	TBI	0	0	0	0	89	43.6	2137	81	81	172	1.000	0.471	0.471	1.6	23.87
4941	40.8352	116.4608	-282.4	454	TBI	0	0	0	0	80	43.7	2221	66	93	202	1.409	0.460	0.327	1.7	23.87
4942	40.8356	116.4608	-274.1	457	TBI	0	0	0	0	78	43.8	2291	61	132	165	2.164	0.800	0.370	1.6	23.87
4943	40.8360	116.4608	-272.7	462	TBI	0	0	0	0	74	47.9	2166	71	93	195	1.310	0.477	0.364	1.6	23.87
4944	40.8364	116.4608	-274.4	465	TBI	0	0	0	0	71	48.0	2231	63	117	178	1.857	0.657	0.354	1.7	23.87
4945	40.8368	116.4608	-275.1	463	TBI	0	0	0	0	79	47.9	2136	51	111	183	2.176	0.607	0.279	1.7	23.87
4946	40.8372	116.4608	-273.1	463	TBI	0	0	0	0	75	47.9	2205	75	111	158	1.480	0.703	0.475	1.7	23.88
4947	40.8376	116.4608	-276.8	466	TBI	0	0	1	0	79	48.0	2284	86	12	223	0.140	0.054	0.386	1.7	23.87
4948	40.8380	116.4608	-274.8	466	TBI	0	0	0	0	71	48.0	2117	67	102	166	1.522	0.614	0.404	1.7	23.88
4949	40.8384	116.4608	-273.5	462	TBI	0	0	0	0	74	47.9	2140	43	151	199	3.512	0.759	0.216	1.8	23.88
4950	40.8388	116.4608	-267.0	464	TBI	0	0	0	0	79	48.0	2223	76	88	169	1.158	0.521	0.450	1.8	23.88
4951	40.8392	116.4608	-261.2	461	TBI	0	0	0	0	75	47.9	2229	55	107	200	1.945	0.535	0.275	1.8	23.88
4952	40.8396	116.4608	-254.1	464	TBI	0	0	0	0	77	48.0	2148	65	87	178	1.338	0.489	0.365	1.8	23.88
4953	40.8400	116.4608	-241.3	467	TBI	0	0	0	0	77	48.0	2213	56	94	228	1.679	0.412	0.246	1.8	23.88
4954	40.8404	116.4608	-232.3	468	TBI	0	0	0	0	79	48.1	2130	61	151	141	2.475	1.071	0.433	1.8	23.88
4955	40.8408	116.4608	-222.2	473	TBI	0	0	0	0	71	48.2	2172	56	142	154	2.536	0.922	0.364	1.8	23.88
4956	40.8412	116.4608	-205.9	480	TBI	0	0	0	0	61	48.4	2241	66	110	186	1.667	0.591	0.355	1.8	23.88
4957	40.8416	116.4608	-196.8	485	TBI	0	0	0	0	82	48.5	2271	47	151	165	3.213	0.915	0.285	1.8	23.88
4958	40.8420	116.4608	-192.0	489	TBI	0	0	0	0	69	48.6	2350	66	102	157	1.545	0.650	0.420	1.8	23.87
4959	40.8424	116.4608	-187.2	489	TBI	0	0	0	0	72	48.6	2164	52	81	167	1.558	0.485	0.311	1.7	23.87
4960	40.8428	116.4608	-181.4	490	TBI	0	0	0	0	74	48.6	2225	68	60	199	0.882	0.302	0.342	1.7	23.87
4961	40.8432	116.4608	-174.9	488	TBI	0	0	0	0	74	48.6	2152	55	47	238	0.855	0.197	0.231	1.7	23.87
4962	40.8436	116.4608	-165.3	490	TBI	0	0	0	0	71	46.7	2180	64	81	176	1.266	0.460	0.364	1.7	23.88
4963	40.8440	116.4608	-153.8	491	TBI	0	0	0	0	72	46.8	2250	58	71	226	1.224	0.314	0.257	1.6	23.88
4964	40.8444	116.4608	-141.2	492	TBI	0	0	0	0	71	46.8	2196	48	96	195	2.000	0.492	0.246	1.6	23.88
4965	40.8447	116.4608	-123.9	492	TBI	0	0	0	0	81	46.8	2122	51	39	235	0.765	0.166	0.217	1.5	23.87
4966	40.8451	116.4608	-106.9	492	TBI	0	0	0	0	78	46.8	2039	63	44	220	0.698	0.200	0.286	1.5	23.88
4967	40.8455	116.4608	-88.4	491	TBI	0	0	0	0	72	46.8	2135	71	66	196	0.930	0.337	0.362	1.5	23.87
4968	40.8459	116.4608	-58.3	493	TBI	0	0	0	0	71	46.8	2087	61	82	190	1.344	0.432	0.321	1.5	23.88
4969	40.8463	116.4608	-46.8	492	TBI	0	0	0	0	76	46.8	1991	50	57	201	1.140	0.284	0.249	1.5	23.88
4970	40.8467	116.4608	-35.2	494	TBI	0	0	0	0	77	46.9	2191	49	88	203	1.796	0.433	0.241	1.5	23.88
4971	40.8471	116.4608	-26.9	495	TBI	0	0	0	0	73	46.9	2130	62	95	182	1.532	0.522	0.341	1.5	23.88
4972	40.8475	116.4608	-25.2	493	TBI	0	0	1	0	75	46.8	2195	87	28	221	0.322	0.127	0.394	1.4	23.88
4973	40.8479	116.4608	-22.9	493	TBI	0	0	0	0	79	46.8	2051	47	146	121	3.106	1.207	0.388	1.5	23.89
4974	40.8483	116.4608	-22.9	493	TBI	0	0	0	0	82	46.8	2031	40	94	204	2.350	0.461	0.196	1.5	23.89
4975	40.8487	116.4608	-26.3	495	TBI	0	0	0	0	72	46.9	2095	60	65	214	1.083	0.304	0.280	1.6	23.89
4976	40.8491	116.4608	-33.0	495	TBI	0	0	0	0	79	46.9	2058	62	122	148	1.968	0.824	0.419	1.5	23.89
4977	40.8495	116.4608	-46.5	495	TBI	0	0	0	0	74	46.9	1990	47	188	113	4.000	1.664	0.416	1.5	23.89
4978	40.8499	116.4608	-64.2	496	TBI	0	0	0	0	66	46.9	2051	62	133	115	2.145	1.157	0.539	1.6	23.89
4979	40.8503	116.4608	-75.6	496	TBI	0	0	0	0	75	46.9	2163	52	111	158	2.135	0.703	0.329	1.6	23.89
4980	40.8507	116.4608	-86.6	496	TBI	0	0	0	0	75	46.9	2150	67	102	160	1.522	0.638	0.419	1.6	23.89
4981	40.8511	116.4608	-90.8	494	TBI	0	0	0	0	66	44.3	2229	63	111	172	1.762	0.645	0.366	1.6	23.89
4982	40.8515	116.4608	-88.3	495	TBI	0	0	0	0	73	44.4	2224	47	102	202	2.170	0.505	0.233	1.6	23.90
4983	40.8519	116.4608	-83.8	494	TBI	0	0	0	0	72	44.3	2147	45	126	189	2.800	0.667	0.238	1.6	23.90
4984	40.8523	116.4608	-78.0	493	TBI	0	0	0	0	71	44.3	2099	84	52	164	0.619	0.317	0.512	1.6	23.90
4985	40.8527	116.4608	-72.7	495	TBI	0	0	0	0	73	44.4	2172	76	77	146	1.013	0.527	0.521	1.5	23.90
4986	40.8531	116.4608	-70.4	499	TBI	0	0	0	0	77	44.4	2232	53	92	197	1.736	0.467	0.269	1.5	23.89
4987	40.8535	116.4608	-65.1	499	TBI	0	0	0	0	70	44.4	2078	45	177	91	3.933	1.945	0.495	1.5	23.88

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4988	40.8539	116.4608	-61.2	512	TBI	0	0	0	0	71	44.7	2170	48	121	160	2.521	0.756	0.300	1.4	23.88
4989	40.8543	116.4608	-60.2	511	TBI	0	0	0	0	75	44.7	2066	44	91	148	2.068	0.615	0.297	1.4	23.88
4990	40.8547	116.4608	-53.8	517	TBI	0	0	1	0	74	44.8	2021	58	26	206	0.448	0.126	0.282	1.4	23.88
4991	40.8551	116.4608	-46.3	514	TBI	0	0	0	0	81	44.8	2188	43	71	150	1.651	0.473	0.287	1.4	23.87
4992	40.8555	116.4608	-41.4	528	TBI	0	0	0	0	74	45.1	2188	44	86	179	1.955	0.480	0.246	1.4	23.87
4993	40.8559	116.4608	-39.4	524	TBI	0	0	0	0	79	45.0	2089	58	109	158	1.879	0.690	0.367	1.4	23.87
4994	40.8563	116.4608	-41.1	527	TBI	0	0	0	0	71	45.1	2060	54	44	185	0.815	0.238	0.292	1.4	23.87
4995	40.8566	116.4608	-38.8	527	TBI	0	0	0	0	79	45.1	2112	61	58	141	0.951	0.411	0.433	1.4	23.87
4996	40.8570	116.4608	-36.0	533	TBI	0	0	0	0	74	45.2	2097	73	30	153	0.411	0.196	0.477	1.4	23.87
4997	40.8574	116.4608	-28.2	536	TBI	0	0	0	0	69	45.3	2016	40	73	217	1.825	0.336	0.184	1.4	23.87
4998	40.8578	116.4608	-26.0	545	TBI	0	0	0	0	78	45.5	2119	53	110	144	2.075	0.764	0.368	1.4	23.87
4999	40.8582	116.4608	-23.2	553	TBI	0	0	0	0	69	45.6	2157	51	59	176	1.157	0.335	0.290	1.4	23.87
5000	40.8586	116.4608	-24.0	547	TBI	0	0	0	0	79	40.7	2015	41	86	179	2.098	0.480	0.229	1.3	23.87
5001	40.8590	116.4608	-29.5	534	TBI	0	0	0	0	71	40.5	2091	68	90	151	1.324	0.596	0.450	1.3	23.88
5002	40.8594	116.4608	-34.9	544	TBI	0	0	0	0	80	40.7	2035	55	71	132	1.291	0.538	0.417	1.3	23.88
5003	40.8598	116.4608	-40.2	537	TBI	0	0	0	0	78	40.5	2213	72	67	140	0.931	0.479	0.514	1.3	23.89
5004	40.8602	116.4608	-42.9	539	TBI	0	0	0	0	77	40.6	2220	64	121	96	1.891	1.260	0.667	1.3	23.89
5005	40.8606	116.4608	-43.2	522	TBI	0	0	0	0	70	40.3	2002	58	39	200	0.672	0.195	0.290	1.3	23.90
5006	40.8610	116.4608	-46.3	510	TBI	0	0	0	0	66	40.0	2112	48	101	166	2.104	0.608	0.289	1.3	23.91
5007	40.8614	116.4608	-52.3	505	TBI	0	0	0	0	70	39.9	2140	44	95	186	2.159	0.511	0.237	1.3	23.91
5008	40.8618	116.4608	-57.0	513	TBI	0	0	0	0	70	40.1	2092	59	61	178	1.034	0.343	0.331	1.3	23.92
5009	40.8622	116.4608	-66.8	501	TBI	0	0	0	0	78	39.8	2087	61	78	179	1.279	0.436	0.341	1.3	23.92
5010	40.8626	116.4608	-73.0	500	TBI	0	0	0	0	66	39.8	2113	38	140	183	3.684	0.765	0.208	1.3	23.92
5011	40.8630	116.4608	-80.4	500	TBI	0	0	0	0	67	39.8	2022	67	85	131	1.269	0.649	0.511	1.3	23.93
5012	40.8634	116.4608	-87.2	500	TBI	0	0	0	0	73	39.8	2134	54	88	134	1.630	0.657	0.403	1.2	23.94
5013	40.8638	116.4608	-96.7	498	TBI	0	0	0	0	77	39.8	2104	50	101	180	2.020	0.561	0.278	1.2	23.95
5014	40.8642	116.4608	-102.6	497	TBI	0	0	0	0	77	39.8	2136	60	129	114	2.150	1.132	0.526	1.2	23.95
5015	40.8646	116.4608	-104.1	498	TBI	0	0	0	0	76	39.8	2137	51	69	192	1.353	0.359	0.266	1.2	23.95
5016	40.8650	116.4608	-98.5	498	TBI	0	0	1	0	82	39.8	2194	68	0	233	0.015	0.004	0.292	1.2	23.96
5017	40.8654	116.4608	-90.8	496	TBI	0	0	0	0	64	39.7	2199	63	144	146	2.286	0.986	0.432	1.2	23.96
5018	40.8658	116.4608	-94.0	494	TBI	0	0	0	0	63	39.7	1983	57	64	207	1.123	0.309	0.275	1.2	23.97
5019	40.8662	116.4608	-98.0	493	TBI	0	0	0	0	72	39.6	2153	46	145	149	3.152	0.973	0.309	1.2	23.97
5020	40.8666	116.4608	-107.9	492	TBI	0	0	0	0	79	39.6	2051	47	121	154	2.574	0.786	0.305	1.2	23.97
5021	40.8670	116.4608	-118.7	492	TBI	0	0	0	0	73	39.5	2182	53	103	152	1.943	0.678	0.349	1.2	23.97
5022	40.8674	116.4608	-127.6	492	TBI	0	0	0	0	75	39.5	2229	70	63	213	0.900	0.296	0.329	1.2	23.98
5023	40.8678	116.4608	-134.8	492	TBI	0	0	0	0	68	39.5	2116	82	60	185	0.732	0.324	0.443	1.1	23.98
5024	40.8682	116.4608	-136.5	494	TBI	0	0	0	0	77	39.6	2176	72	72	159	1.000	0.453	0.453	1.1	23.99
5025	40.8685	116.4608	-132.3	493	TBI	0	0	1	0	81	39.6	2160	68	-11	260	-0.162	-0.042	0.262	1.1	23.99
5026	40.8689	116.4608	-125.0	492	TBI	0	0	0	0	72	39.6	2136	64	79	173	1.234	0.457	0.370	1.1	23.99
5027	40.8693	116.4608	-121.4	491	TBI	0	0	0	0	78	39.5	2109	47	166	186	3.773	0.892	0.237	1.1	23.99
5028	40.8697	116.4608	-120.9	493	TBI	0	0	0	0	70	39.6	2100	41	93	181	2.268	0.514	0.227	1.1	23.99
5029	40.8701	116.4608	-123.9	493	TBI	0	0	0	0	71	39.6	2051	67	104	154	1.552	0.675	0.435	1.2	24.00
5030	40.8705	116.4608	-121.3	493	TBI	0	0	0	0	67	39.6	2065	53	135	176	2.547	0.767	0.301	1.2	23.99
5031	40.8709	116.4608	-124.5	493	TBI	0	0	0	0	65	39.6	2117	59	97	166	1.644	0.584	0.355	1.2	23.99
5032	40.8713	116.4608	-131.2	494	TBI	0	0	0	0	68	39.6	2105	51	149	146	2.922	1.021	0.349	1.2	23.99
5033	40.8717	116.4608	-140.5	492	TBI	0	0	0	0	74	39.5	2103	43	120	156	2.791	0.769	0.276	1.2	23.99
5034	40.8721	116.4608	-155.4	492	TBI	0	0	0	0	74	39.5	2088	55	72	188	1.309	0.333	0.293	1.2	23.99
5035	40.8725	116.4608	-168.9	491	TBI	0	0	0	0	67	39.5	1936	31	147	181	4.742	0.812	0.171	1.2	23.99
5036	40.8729	116.4608	-182.6	493	TBI	0	0	0	0	75	39.6	2032	39	130	163	3.333	0.798	0.239	1.3	24.00
5037	40.8733	116.4608	-195.8	492	TBI	0	0	0	0	69	39.5	2113	63	134	132	2.127	1.015	0.477	1.3	24.00
5038	40.8737	116.4608	-208.5	491	TBI	0	0	0	0	70	36.4	2069	67	135	159	2.015	0.849	0.421	1.3	24.01
5039	40.8741	116.4608	-218.5	492	TBI	0	0	0	0	79	36.4	2052	51	94	164	1.843	0.573	0.311	1.4	24.01
5040	40.8745	116.4608	-230.0	493	TBI	0	0	0	0	73	36.4	2060	42	115	173	2.738	0.665	0.243	1.4	24.01
5041	40.8749	116.4608	-240.5	490	TBI	0	0	0	0	80	36.3	2124	81	49	180	0.605	0.272	0.450	1.4	24.01

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5042	40.8753	116.4608	-263.2	489	TBI	0	0	0	0	75	36.3	2127	66	141	143	2.136	0.986	0.462	1.4	24.02
5043	40.8757	116.4608	-265.1	489	TBI	0	0	0	0	68	36.3	2116	59	108	200	1.831	0.540	0.295	1.4	24.02
5044	40.8761	116.4608	-255.6	489	TBI	0	0	0	0	82	36.3	2019	42	204	130	4.857	1.569	0.323	1.5	24.02
5045	40.8765	116.4608	-247.3	491	TBI	0	0	0	0	67	36.3	2021	54	130	134	2.407	0.970	0.403	1.5	24.01
5046	40.8769	116.4608	-248.5	491	TBI	0	0	0	0	82	36.4	2080	46	138	165	3.000	0.836	0.279	1.5	24.01
5047	40.8773	116.4608	-250.0	491	TBI	0	0	0	0	72	36.4	2003	46	81	197	1.761	0.411	0.234	1.5	24.00
5048	40.8777	116.4608	-252.2	492	TBI	0	0	0	0	64	36.4	1948	73	38	197	0.521	0.193	0.371	1.4	24.00
5049	40.8781	116.4608	-251.1	492	TBI	0	0	0	0	66	36.4	1973	65	157	99	2.415	1.586	0.657	1.5	24.01
5050	40.8785	116.4607	-243.9	492	TBI	0	0	0	0	70	36.4	2050	72	63	176	0.875	0.358	0.409	1.5	24.02
5051	40.8789	116.4607	-235.1	491	TBI	0	0	0	0	72	36.3	2059	43	118	160	2.744	0.737	0.269	1.6	24.02
5052	40.8793	116.4607	-223.5	492	TBI	0	0	0	0	76	36.4	2001	54	118	132	2.185	0.894	0.409	1.6	24.03
5053	40.8797	116.4607	-215.8	492	TBI	0	0	0	0	68	36.4	2197	77	40	215	0.519	0.186	0.358	1.6	24.03
5054	40.8800	116.4607	-225.7	492	TBI	0	0	0	0	78	36.4	2116	51	87	193	1.706	0.451	0.264	1.6	24.03
5055	40.8804	116.4607	-215.7	491	TBI	0	0	0	0	76	36.4	2057	47	94	196	2.000	0.480	0.240	1.6	24.03
5056	40.8808	116.4607	-197.1	494	TBI	0	0	0	0	68	36.4	1994	68	46	195	0.676	0.236	0.349	1.6	24.04
5057	40.8812	116.4607	-185.3	492	TBI	0	0	0	0	75	37.0	2047	55	93	173	1.691	0.538	0.318	1.6	24.04
5058	40.8816	116.4607	-170.3	492	TBI	0	0	0	0	64	37.0	2043	62	98	182	1.581	0.538	0.341	1.7	24.04
5059	40.8820	116.4607	-162.3	493	TBI	0	0	0	0	62	37.0	1961	82	40	147	0.488	0.272	0.558	1.7	24.04
5060	40.8824	116.4607	-151.0	494	TBI	0	0	0	0	63	37.0	2017	57	94	189	1.649	0.497	0.302	1.7	24.03
5061	40.8828	116.4607	-147.4	494	TBI	0	0	0	0	62	37.0	2034	60	109	185	1.817	0.589	0.324	1.6	24.03
5062	40.8832	116.4607	-155.9	494	TBI	0	0	0	0	80	37.1	1940	60	89	174	1.483	0.511	0.345	1.7	24.04
5063	40.8836	116.4607	-170.1	494	TBI	0	0	0	0	64	37.0	1972	55	105	153	1.909	0.686	0.359	1.7	24.04
5064	40.8840	116.4607	-184.8	495	TBI	0	0	1	0	72	37.1	1999	63	15	264	0.238	0.057	0.239	1.7	24.04
5065	40.8844	116.4607	-187.5	494	TBI	0	0	0	0	65	37.0	2096	54	155	137	2.870	1.131	0.394	1.7	24.05
5066	40.8848	116.4607	-178.2	495	TBI	0	0	0	0	73	37.1	2093	60	113	165	1.883	0.685	0.364	1.7	24.05
5067	40.8852	116.4607	-172.0	493	TBI	0	0	0	0	63	37.0	2049	63	75	192	1.190	0.391	0.328	1.7	24.05
5068	40.8856	116.4607	-172.9	493	TBI	0	0	0	0	71	37.0	2042	67	78	159	1.164	0.491	0.421	1.7	24.05
5069	40.8860	116.4607	-170.1	493	TBI	0	0	0	0	65	37.0	2012	58	151	114	2.603	1.325	0.509	1.7	24.05
5070	40.8864	116.4607	-168.4	493	TBI	0	0	0	0	63	37.0	2024	53	82	187	1.547	0.439	0.283	1.7	24.05
5071	40.8868	116.4607	-170.6	492	TBI	0	0	0	0	68	37.0	1943	51	134	143	2.627	0.937	0.357	1.7	24.05
5072	40.8872	116.4607	-178.8	494	TBI	0	0	0	0	69	37.0	1996	54	31	202	0.574	0.153	0.267	1.8	24.05
5073	40.8876	116.4607	-188.2	495	TBI	0	0	0	0	58	37.1	1874	69	87	142	1.261	0.613	0.486	1.7	24.05
5074	40.8880	116.4607	-195.7	496	TBI	0	0	0	0	74	37.1	1924	51	97	161	1.902	0.602	0.317	1.7	24.05
5075	40.8884	116.4607	-191.4	496	TBI	0	0	0	0	77	37.1	1954	33	102	226	3.091	0.451	0.146	1.8	24.05
5076	40.8888	116.4607	-181.9	497	TBI	0	0	0	0	72	37.5	2028	57	84	181	1.474	0.464	0.315	1.7	24.05
5077	40.8892	116.4607	-168.3	496	TBI	0	0	0	0	74	37.5	1886	46	84	144	1.826	0.583	0.319	1.7	24.05
5078	40.8896	116.4607	-156.0	496	TBI	0	0	0	0	64	37.5	1862	57	81	170	1.421	0.476	0.335	1.7	24.05
5079	40.8900	116.4607	-127.2	497	TBI	0	0	0	0	69	37.6	2095	63	100	144	1.587	0.694	0.438	1.7	24.05
5080	40.8904	116.4607	-113.0	496	TBI	0	0	0	0	78	37.5	2011	49	54	112	3.143	1.375	0.438	1.7	24.05
5081	40.8908	116.4607	-107.9	495	TBI	0	0	0	0	73	37.5	2122	35	103	202	2.861	0.510	0.178	1.6	24.06
5082	40.8912	116.4607	-109.7	495	TBI	0	0	0	0	69	37.5	2018	68	97	171	1.426	0.567	0.398	1.5	24.06
5083	40.8916	116.4607	-117.6	495	TBI	0	0	0	0	71	37.5	2061	56	50	220	0.893	0.227	0.255	1.5	24.07
5084	40.8919	116.4607	-124.3	494	TBI	0	0	0	0	69	37.5	2076	71	90	148	1.268	0.608	0.480	1.5	24.07
5085	40.8923	116.4607	-127.8	497	TBI	0	0	0	0	75	37.5	1979	35	75	223	2.143	0.336	0.157	1.4	24.07
5086	40.8927	116.4607	-127.7	497	TBI	0	0	0	0	75	37.5	2026	67	45	178	0.672	0.253	0.376	1.5	24.07
5087	40.8931	116.4607	-129.2	495	TBI	0	0	0	0	82	37.5	1964	45	101	171	2.244	0.591	0.263	1.4	24.07
5088	40.8935	116.4607	-128.7	498	TBI	0	0	0	0	75	37.6	2175	68	90	155	1.324	0.531	0.439	1.4	24.07
5089	40.8939	116.4607	-129.6	500	TBI	0	0	0	0	71	37.6	2056	57	152	127	2.667	1.197	0.449	1.3	24.06
5090	40.8943	116.4607	-134.1	500	TBI	0	0	0	0	71	37.6	1958	46	136	133	2.957	1.023	0.346	1.3	24.05
5091	40.8947	116.4607	-140.3	500	TBI	0	0	0	0	64	37.6	1982	43	98	145	2.279	0.676	0.297	1.2	24.05
5092	40.8951	116.4607	-141.1	515	TBI	0	0	0	0	71	37.9	2016	57	77	157	1.351	0.490	0.363	1.2	24.05
5093	40.8955	116.4607	-140.9	505	TBI	0	0	0	0	82	37.7	1945	48	132	110	2.750	1.200	0.436	1.1	24.04
5094	40.8959	116.4607	-140.3	510	TBI	0	0	0	0	69	37.8	2142	53	153	114	2.887	1.342	0.465	1.1	24.04
5095	40.8963	116.4607	-140.1	511	TBI	0	0	0	0	63	42.2	2096	51	103	154	2.020	0.669	0.331	1.1	24.04

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5096	40.8967	116.4607	-139.0	514	TBI	0	0	0	0	71	42.3	2133	48	61	171	1.271	0.357	0.281	1.1	24.04
5097	40.8971	116.4607	-139.5	513	TBI	0	0	0	0	74	42.2	2014	62	55	158	0.887	0.348	0.392	1.0	24.04
5098	40.8975	116.4607	-138.1	519	TBI	0	0	0	0	70	42.4	2082	61	81	169	1.328	0.479	0.361	1.0	24.04
5099	40.8979	116.4607	-137.0	524	TBI	0	0	0	0	70	42.5	2125	48	138	149	2.875	0.926	0.322	1.0	24.04
5100	40.8983	116.4607	-137.3	523	TBI	0	0	1	0	67	42.4	2100	68	10	163	0.147	0.061	0.417	1.0	24.04
5101	40.8987	116.4607	-136.0	522	TBI	0	0	0	0	73	42.4	2052	53	66	171	1.245	0.386	0.310	0.9	24.04
5102	40.8991	116.4607	-132.2	526	TBI	0	0	0	0	71	42.5	1999	54	80	155	1.481	0.516	0.348	0.9	24.04
5103	40.8995	116.4607	-131.7	519	TBI	0	0	0	0	65	42.4	2036	67	87	114	1.299	0.763	0.588	0.8	24.04
5104	40.8999	116.4607	-131.2	513	TBI	0	0	0	0	77	42.2	1909	56	116	131	2.071	0.885	0.427	0.8	24.04
5105	40.9003	116.4607	-132.8	528	TBI	0	0	0	0	66	42.5	1994	44	123	116	2.795	1.060	0.379	0.8	24.04
5106	40.9007	116.4607	-133.0	531	TBI	0	0	0	0	69	42.6	1975	53	139	103	2.623	1.350	0.515	0.8	24.04
5107	40.9011	116.4607	-134.0	529	TBI	0	0	0	0	63	42.6	2095	44	132	167	3.000	0.790	0.263	0.8	24.03
5108	40.9015	116.4607	-133.4	537	TBI	0	0	1	0	72	42.7	1978	41	23	197	0.561	0.117	0.208	0.7	24.03
5109	40.9019	116.4607	-127.7	525	TBI	0	0	0	0	73	42.5	1977	46	84	163	1.826	0.515	0.282	0.7	24.04
5110	40.9023	116.4607	-127.5	516	TBI	0	0	0	0	74	42.3	1942	40	173	116	4.325	1.491	0.345	0.6	24.04
5111	40.9027	116.4607	-124.0	510	TBI	0	0	0	0	59	42.2	1997	44	110	143	2.500	0.769	0.308	0.6	24.04
5112	40.9031	116.4607	-123.9	513	TBI	0	0	0	0	75	42.2	2035	63	75	156	1.190	0.481	0.404	0.5	24.05
5113	40.9035	116.4607	-122.9	506	TBI	0	0	0	0	65	42.1	2016	56	107	138	1.911	0.775	0.406	0.5	24.05
5114	40.9038	116.4607	-117.4	506	TBI	0	0	0	0	66	44.7	1994	41	70	169	1.707	0.414	0.243	0.5	24.06
5115	40.9042	116.4607	-106.6	508	TBI	0	0	0	0	72	44.7	2068	60	48	172	0.800	0.279	0.349	0.5	24.06
5116	40.9046	116.4607	-99.9	499	TBI	0	0	0	0	74	44.5	2010	48	103	134	2.146	0.769	0.358	0.4	24.06
5117	40.9050	116.4607	-93.6	499	TBI	0	0	0	0	70	44.5	2007	46	69	174	1.500	0.397	0.264	0.4	24.07
5118	40.9054	116.4607	-91.3	498	TBI	0	0	0	0	69	44.5	1968	55	46	182	0.836	0.253	0.302	0.4	24.07
5119	40.9058	116.4607	-86.3	498	TBI	0	0	0	0	73	44.5	1965	50	79	164	1.580	0.482	0.305	0.4	24.07
5120	40.9062	116.4607	-84.7	499	TBI	0	0	0	0	71	44.5	1962	46	121	168	2.630	0.720	0.274	0.4	24.07
5121	40.9066	116.4607	-84.4	499	TBI	0	0	0	0	85	44.5	1995	52	66	177	1.269	0.373	0.294	0.3	24.07
5122	40.9070	116.4607	-85.3	510	TBI	0	0	0	0	71	44.8	2052	53	107	154	2.019	0.695	0.344	0.3	24.07
5123	40.9074	116.4607	-84.3	504	TBI	0	0	0	0	72	44.6	1884	43	153	167	3.558	0.916	0.257	0.2	24.08
5124	40.9078	116.4607	-85.1	500	TBI	0	0	0	0	65	44.5	1996	49	64	237	1.306	0.270	0.207	0.2	24.09
5125	40.9082	116.4607	-87.5	507	TBI	0	0	0	0	69	44.7	2137	66	56	179	0.848	0.313	0.369	0.3	24.09
5126	40.9086	116.4607	-87.0	499	TBI	0	0	0	0	67	44.5	1917	72	84	114	1.167	0.737	0.632	0.2	24.10
5127	40.9090	116.4607	-86.0	497	TBI	0	0	1	0	68	44.5	2004	80	26	149	0.325	0.174	0.537	0.2	24.11
5128	40.9094	116.4607	-95.7	497	TBI	0	0	0	0	80	44.5	2095	40	119	173	2.975	0.688	0.231	0.1	24.12
5129	40.9098	116.4607	-99.9	496	TBI	0	0	0	0	70	44.4	2074	41	97	182	2.366	0.533	0.225	0.1	24.12
5130	40.9102	116.4607	-100.4	494	TBI	0	0	0	0	70	44.4	2028	61	113	186	1.852	0.608	0.328	0.0	24.13
5131	40.9106	116.4607	-96.6	492	TBI	0	0	0	0	65	44.4	1988	62	82	185	1.323	0.443	0.335	0.0	24.14
5132	40.9110	116.4607	-95.6	492	TBI	0	0	0	0	65	44.4	2008	46	103	148	2.239	0.696	0.311	0.0	24.15
5133	40.9114	116.4607	-94.1	492	TBI	0	0	0	0	74	34.0	2086	78	99	162	1.269	0.611	0.481	0.0	24.15
5134	40.9118	116.4607	-91.0	492	TBI	0	0	0	0	72	34.0	2076	62	90	177	1.452	0.508	0.350	0.0	24.16
5135	40.9122	116.4607	-88.7	492	TBI	0	0	0	0	78	34.0	2063	50	74	205	1.480	0.361	0.244	0.0	24.16
5136	40.9126	116.4607	-86.7	490	TBI	0	0	0	0	68	33.9	2036	70	121	139	1.729	0.871	0.504	0.0	24.18
5137	40.9130	116.4607	-88.2	487	TBI	0	0	0	0	76	33.9	2114	66	96	180	1.455	0.533	0.367	-0.2	24.18
5138	40.9134	116.4607	-84.4	488	TBI	0	0	0	0	68	33.9	2107	67	185	133	2.761	1.391	0.504	-0.2	24.19
5139	40.9138	116.4607	-81.7	484	TBI	0	0	0	0	70	33.8	2150	56	188	155	3.357	1.213	0.361	-0.2	24.20
5140	40.9142	116.4607	-80.2	476	TBI	0	0	0	0	63	33.7	2185	63	106	205	1.683	0.517	0.307	-0.2	24.21
5141	40.9146	116.4607	-78.0	467	TBI	0	0	0	0	75	33.5	2119	40	165	178	4.125	0.927	0.225	-0.2	24.21
5142	40.9150	116.4607	-80.2	463	TBI	0	0	0	0	57	33.5	2218	62	155	146	2.500	1.062	0.425	-0.3	24.21
5143	40.9154	116.4607	-78.7	461	TBI	0	0	0	0	67	33.4	2180	42	148	153	3.524	0.967	0.275	-0.3	24.22
5144	40.9157	116.4607	-78.9	457	TBI	0	0	0	0	69	33.4	2097	63	176	117	2.794	1.504	0.538	-0.3	24.22
5145	40.9161	116.4607	-78.7	451	TBI	0	0	0	0	77	33.3	2222	81	127	152	1.568	0.836	0.533	-0.4	24.22
5146	40.9165	116.4607	-78.7	445	TBI	0	0	0	0	70	33.1	2158	50	126	192	2.520	0.656	0.260	-0.4	24.23
5147	40.9169	116.4607	-72.2	440	TBI	0	0	0	0	65	33.1	2068	67	119	197	1.776	0.604	0.340	-0.5	24.23
5148	40.9173	116.4607	-70.2	436	TBI	0	0	0	0	72	33.0	2092	54	40	252	0.741	0.159	0.214	-0.5	24.23
5149	40.9177	116.4607	-67.0	426	TBI	0	0	0	0	76	32.8	2029	62	93	196	1.500	0.474	0.316	-0.6	24.24

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5150	40.9181	116.4607	-67.1	415	TBI	0	0	0	0	82	32.6	2071	47	157	181	3.340	0.867	0.260	-0.6	24.26
5151	40.9185	116.4607	-68.4	403	TBI	0	0	0	0	65	32.4	2008	60	88	224	1.467	0.393	0.268	-0.6	24.26
5152	40.9189	116.4607	-69.2	395	TBI	0	0	0	0	80	29.4	2013	48	133	155	2.771	0.858	0.310	-0.6	24.27
5153	40.9193	116.4607	-68.2	387	TBI	0	0	0	0	72	29.2	2098	57	155	159	2.719	0.975	0.358	-0.6	24.27
5154	40.9197	116.4607	-67.5	383	TBI	0	0	0	0	64	29.2	2098	59	155	150	2.627	1.033	0.393	-0.6	24.28
5155	40.9201	116.4607	-65.7	381	TBI	0	0	0	0	66	29.1	2208	60	178	177	2.967	1.006	0.339	-0.6	24.27
5156	40.9205	116.4607	-61.2	379	TBI	0	0	0	0	68	29.1	2177	66	131	183	1.985	0.716	0.361	-0.7	24.27
5157	40.9209	116.4607	-62.1	378	TBI	0	0	0	0	66	29.1	2163	55	154	173	2.800	0.890	0.318	-0.7	24.27
5158	40.9213	116.4607	-62.1	377	QOA2	0	0	0	0	67	29.1	2080	74	87	194	1.176	0.448	0.381	-0.8	24.27
5159	40.9217	116.4607	-62.9	373	QOA2	0	0	0	0	71	29.0	2080	73	135	159	1.849	0.849	0.459	-0.8	24.27
5160	40.9221	116.4607	-69.1	368	QOA2	0	0	0	0	80	28.9	1969	61	192	123	3.148	1.561	0.496	-0.9	24.28
5161	40.9225	116.4607	-71.1	365	QOA2	0	0	0	0	78	28.8	1887	45	114	178	2.533	0.640	0.253	-0.9	24.28
5162	40.9229	116.4607	-69.0	368	QOA2	0	0	0	0	78	28.9	1870	59	126	136	2.136	0.926	0.434	-0.9	24.28
5163	40.9233	116.4607	-62.7	372	QOA2	0	0	0	0	70	29.0	1844	34	146	130	4.294	1.123	0.262	-0.9	24.28
5164	40.9237	116.4607	-56.6	380	QOA2	0	0	0	0	71	29.1	1695	53	101	116	1.906	0.871	0.457	-1.0	24.28
5165	40.9241	116.4607	-56.3	384	QOA2	0	0	0	0	75	29.2	1652	55	97	133	1.764	0.729	0.414	-1.0	24.28
5166	40.9245	116.4607	-51.9	397	QOA2	0	0	0	0	76	29.4	1697	19	118	127	6.211	0.929	0.150	-1.0	24.28
5167	40.9249	116.4607	-54.0	412	QOA2	0	0	0	0	70	29.7	1652	42	90	121	2.143	0.744	0.347	-1.0	24.28
5168	40.9253	116.4607	-55.3	431	QOA2	0	0	0	0	64	30.0	1736	38	94	131	2.474	0.718	0.290	-1.1	24.28
5169	40.9257	116.4607	-58.1	446	QOA2	0	0	0	0	71	30.2	1927	59	80	147	1.356	0.544	0.401	-1.1	24.28
5170	40.9261	116.4607	-59.3	452	QA1	0	0	0	0	75	30.3	1762	41	74	157	1.805	0.471	0.261	-1.2	24.28
5171	40.9265	116.4607	-60.9	461	QA1	0	0	0	0	77	31.9	1793	45	125	152	2.778	0.822	0.296	-1.2	24.29
5172	40.9269	116.4607	-62.8	470	QA1	0	0	0	0	63	32.1	1879	54	118	174	2.185	0.678	0.310	-1.1	24.29
5173	40.9273	116.4607	-60.7	478	QA1	0	0	0	0	68	32.2	2055	68	92	191	1.353	0.482	0.356	-1.1	24.29
5174	40.9276	116.4607	-64.7	477	QA1	0	0	0	0	76	32.2	2072	66	112	175	1.697	0.640	0.377	-1.1	24.29
5175	40.9280	116.4607	-59.2	472	QA1	0	0	0	0	71	32.1	2039	65	94	168	1.446	0.560	0.387	-1.1	24.28
5176	40.9284	116.4607	-65.0	466	QA1	0	0	0	0	66	32.0	2024	59	59	190	1.000	0.311	0.311	-1.2	24.28
5177	40.9288	116.4607	-60.0	458	QA1	0	0	0	0	69	31.9	2141	46	198	166	4.304	1.193	0.277	-1.2	24.28
5178	40.9292	116.4607	-63.2	452	QA1	0	0	0	0	66	31.7	2049	63	96	211	1.524	0.455	0.299	-1.2	24.29
5179	40.9296	116.4607	-62.2	452	QA1	0	0	0	0	67	31.7	2063	62	121	131	1.952	0.924	0.473	-1.2	24.30
5180	40.9300	116.4607	-63.6	460	QA1	0	0	0	0	75	31.9	2102	57	66	246	1.158	0.268	0.232	-1.3	24.30
5181	40.9304	116.4607	-64.5	466	QOA2	0	0	0	0	74	32.0	2118	68	66	200	0.971	0.330	0.340	-1.2	24.31
5182	40.9308	116.4607	-63.5	470	QOA2	0	0	0	0	68	32.1	2049	43	161	199	3.744	0.809	0.216	-1.3	24.31
5183	40.9312	116.4607	-63.1	473	QOA2	0	0	0	0	65	32.1	2147	74	125	170	1.689	0.735	0.435	-1.2	24.31
5184	40.9316	116.4607	-66.6	475	QOA2	0	0	0	0	61	32.1	2205	69	91	226	1.319	0.403	0.305	-1.2	24.31
5185	40.9320	116.4607	-66.3	470	QOA2	0	0	0	0	73	32.1	2115	76	85	194	1.118	0.438	0.392	-1.2	24.30
5186	40.9324	116.4607	-63.1	469	QOA2	0	0	0	0	66	32.0	2174	54	157	202	2.907	0.777	0.267	-1.2	24.30
5187	40.9328	116.4607	-65.8	465	QOA2	0	0	0	0	68	32.0	2173	53	137	220	2.585	0.623	0.241	-1.2	24.30
5188	40.9332	116.4607	-66.5	465	QOA2	0	0	0	0	80	32.0	2143	48	200	142	4.167	1.408	0.338	-1.2	24.31
5189	40.9336	116.4607	-65.5	464	QOA2	0	0	0	0	71	32.0	2124	59	64	218	1.085	0.294	0.271	-1.1	24.31
5190	40.9340	116.4607	-64.5	455	QOA2	0	0	0	0	73	45.9	2188	55	115	204	2.091	0.564	0.270	-1.1	24.31
5191	40.9344	116.4607	-64.3	446	QOA2	0	0	0	0	66	45.7	2321	71	94	216	1.324	0.435	0.329	-1.0	24.32
5192	40.9348	116.4607	-62.8	440	QOA2	0	0	0	0	74	45.5	2312	59	207	138	3.508	1.500	0.428	-0.9	24.33
5193	40.9352	116.4607	-63.3	434	QOA2	0	0	0	0	75	45.4	2389	68	161	216	2.368	0.745	0.315	-0.9	24.34
5194	40.9356	116.4607	-62.9	428	QOA2	0	0	0	0	68	45.2	2458	68	124	168	1.824	0.738	0.405	-0.8	24.34
5195	40.9360	116.4607	-66.1	422	QOA2	0	0	0	0	67	45.1	2307	79	90	220	1.139	0.409	0.359	-0.8	24.35
5196	40.9364	116.4607	-63.4	412	QOA2	0	0	0	0	77	44.8	2241	60	156	170	2.600	0.918	0.353	-0.7	24.35
5197	40.9368	116.4607	-63.5	401	QOA2	0	0	0	0	78	44.5	2294	52	200	193	3.846	1.036	0.269	-0.7	24.36
5198	40.9372	116.4607	-63.5	393	QOA2	0	0	0	0	70	44.3	2262	60	157	175	2.617	0.897	0.343	-0.6	24.36
5199	40.9376	116.4607	-62.5	384	QOA2	0	0	0	0	67	44.1	2281	56	229	156	4.089	1.468	0.359	-0.5	24.37
5200	40.9380	116.4607	-61.3	375	QOA2	0	0	0	0	56	43.8	2269	76	120	180	1.579	0.667	0.422	-0.5	24.37
5201	40.9384	116.4607	-62.1	370	QOA2	0	0	0	0	68	43.7	2302	81	94	197	1.160	0.477	0.411	-0.4	24.37
5202	40.9388	116.4607	-62.6	368	QOA2	0	0	0	0	62	43.7	2328	77	130	214	1.688	0.607	0.360	-0.4	24.38
5203	40.9391	116.4607	-60.5	371	QOA2	0	0	0	0	70	43.7	2300	47	129	242	2.745	0.533	0.194	-0.3	24.39

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5204	40.9395	116.4607	-55.0	368	QOA2	0	0	0	0	58	43.7	2375	69	186	205	2.696	0.907	0.337	-0.3	24.39
5205	40.9399	116.4607	-50.5	366	QOA2	0	0	0	0	72	43.6	2421	60	185	187	3.083	0.989	0.321	-0.3	24.39
5206	40.9403	116.4607	-37.5	362	QOA2	0	0	0	0	60	43.5	2296	62	190	225	3.065	0.844	0.276	-0.3	24.39
5207	40.9407	116.4607	-29.6	370	QOA2	0	0	0	0	61	43.7	2282	84	80	220	0.952	0.364	0.382	-0.2	24.39
5208	40.9411	116.4607	-22.5	376	QOA2	0	0	0	0	57	43.9	2312	78	151	173	1.936	0.873	0.451	-0.2	24.39
5209	40.9414	116.4606	-19.4	378	QOA2	0	0	0	0	63	49.6	2205	85	105	150	1.235	0.700	0.567	-0.2	24.38
5210	40.9418	116.4606	-16.9	380	QOA2	0	0	0	0	71	49.7	2336	75	157	168	2.093	0.935	0.446	-0.2	24.38
5211	40.9422	116.4606	-18.8	377	QOA2	0	0	0	0	72	49.6	2509	86	99	226	1.151	0.438	0.381	0.0	24.37
5212	40.9425	116.4606	-27.0	376	QOA2	0	0	0	0	73	49.6	2353	77	173	195	2.247	0.887	0.395	0.0	24.37
5213	40.9429	116.4606	-46.3	374	TRF2	0	0	0	0	74	49.5	2329	88	143	175	1.625	0.817	0.503	0.0	24.37
5214	40.9433	116.4606	-56.0	370	TRF2	0	0	0	0	72	49.4	2392	65	168	197	2.585	0.853	0.330	0.0	24.37
5215	40.9437	116.4606	-65.5	363	TRF2	0	0	0	0	67	49.2	2229	83	128	188	1.542	0.681	0.441	0.0	24.37
5216	40.9440	116.4606	-70.0	358	TRF2	0	0	0	0	70	49.0	2251	59	165	195	2.797	0.846	0.303	0.0	24.38
5217	40.9444	116.4606	-76.0	355	TRF2	0	0	0	0	72	48.9	2290	61	204	165	3.344	1.236	0.370	0.0	24.38
5218	40.9448	116.4606	-79.2	353	TRF2	0	0	0	0	61	48.8	2344	76	71	230	0.934	0.309	0.330	0.0	24.37
5219	40.9451	116.4606	-84.6	350	TRF2	0	0	0	0	69	48.8	2205	58	153	172	2.638	0.890	0.337	0.1	24.37
5220	40.9455	116.4606	-88.1	347	TRF2	0	0	0	0	72	48.7	2299	73	76	249	1.041	0.305	0.293	0.1	24.37
5221	40.9459	116.4606	-80.9	342	TRF2	0	0	0	0	67	48.5	2371	61	218	184	3.574	1.185	0.332	0.1	24.37
5222	40.9462	116.4606	-68.9	335	TRF2	0	0	0	0	67	48.3	2356	94	115	190	1.223	0.605	0.495	0.1	24.38
5223	40.9466	116.4606	-59.4	324	TRF2	0	0	0	0	67	47.9	2226	82	69	209	0.841	0.330	0.392	0.1	24.38
5224	40.9470	116.4606	-63.7	314	TRF2	0	0	0	0	63	47.6	2245	77	155	187	2.013	0.829	0.412	0.1	24.38
5225	40.9473	116.4606	-81.0	307	TRF2	0	0	0	0	80	47.4	2345	80	42	249	0.525	0.169	0.321	0.1	24.38
5226	40.9477	116.4606	-114.0	296	TRF2	0	0	0	0	68	47.0	2339	79	167	197	2.114	0.848	0.401	0.1	24.38
5227	40.9481	116.4606	-119.2	290	TRF2	0	0	0	0	64	46.8	2264	92	116	183	1.261	0.634	0.503	0.1	24.38
5228	40.9484	116.4606	-105.7	290	TRF2	0	0	0	0	63	50.1	2237	80	130	193	1.625	0.674	0.415	0.1	24.37
5229	40.9488	116.4606	-92.1	291	TRF2	0	0	0	0	73	50.1	2269	76	153	207	2.013	0.739	0.367	0.1	24.37
5230	40.9492	116.4606	-88.8	296	TRF2	0	0	0	0	71	50.3	2260	81	166	171	2.049	0.971	0.474	0.1	24.36
5231	40.9495	116.4606	-91.4	303	TRF2	0	0	0	0	66	50.6	2455	98	61	248	0.622	0.246	0.395	0.1	24.36
5232	40.9499	116.4606	-92.5	311	TRF2	0	0	0	0	72	50.8	2324	67	208	149	3.104	1.396	0.450	0.0	24.36
5233	40.9503	116.4606	-84.7	314	TRF2	0	0	0	0	69	50.9	2310	78	108	265	1.385	0.408	0.294	0.0	24.36
5234	40.9507	116.4606	-69.9	321	TRF2	0	0	0	0	69	51.2	2407	80	191	152	2.387	1.257	0.526	0.0	24.36
5235	40.9510	116.4606	-48.2	329	TRF2	0	0	0	0	67	51.5	2398	76	113	217	1.487	0.521	0.350	0.0	24.35
5236	40.9514	116.4606	-29.4	331	TRF2	0	0	0	0	71	51.5	2292	70	118	244	1.686	0.484	0.287	0.0	24.35
5237	40.9518	116.4606	-22.1	330	TRF2	0	0	0	0	65	51.5	2519	85	97	230	1.141	0.422	0.370	0.0	24.35
5238	40.9521	116.4606	-23.4	323	TRF2	0	0	0	0	67	51.3	2420	93	91	260	0.978	0.350	0.358	0.0	24.35
5239	40.9525	116.4606	-23.4	318	TRF2	0	0	0	0	72	51.1	2471	92	135	185	1.467	0.730	0.497	0.0	24.35
5240	40.9529	116.4606	-22.4	311	TRF2	0	0	0	0	70	50.8	2444	91	69	243	0.758	0.284	0.374	0.0	24.35
5241	40.9532	116.4606	-19.9	302	TRF2	0	0	0	0	68	50.5	2510	101	48	239	0.475	0.201	0.423	0.0	24.35
5242	40.9536	116.4606	-19.4	297	TRF2	0	0	0	0	77	50.3	2582	74	76	274	1.027	0.277	0.270	0.0	24.36
5243	40.9540	116.4606	-12.1	291	TRF2	0	0	0	0	75	50.2	2490	72	136	238	1.889	0.571	0.303	-0.2	24.35
5244	40.9543	116.4606	-1.3	295	TRF2	0	0	0	0	63	50.3	2610	82	119	246	1.451	0.484	0.333	-0.2	24.35
5245	40.9547	116.4606	5.5	293	TRF2	0	0	0	0	68	50.2	2517	84	94	256	1.119	0.367	0.328	-0.2	24.35
5246	40.9551	116.4606	3.2	287	TRF2	0	0	0	0	65	50.0	2612	87	91	244	1.046	0.373	0.357	-0.3	24.35
5247	40.9554	116.4606	-7.0	282	TRF2	0	0	0	0	64	48.7	2587	91	162	212	1.780	0.764	0.429	-0.3	24.34
5248	40.9558	116.4606	-23.3	277	TRF2	0	0	0	0	65	48.5	2613	93	148	257	1.591	0.576	0.362	-0.4	24.34
5249	40.9562	116.4606	-35.0	265	TRF2	0	0	0	0	76	48.1	2485	63	154	279	2.444	0.552	0.226	-0.4	24.34
5250	40.9565	116.4606	-34.1	257	TRF2	0	0	0	0	74	47.8	2518	79	169	231	2.139	0.732	0.342	-0.4	24.34
5251	40.9569	116.4606	-24.1	251	TRF2	0	0	0	0	63	47.6	2518	88	151	229	1.716	0.659	0.384	-0.5	24.33
5252	40.9573	116.4606	-26.0	253	TRF2	0	0	0	0	72	47.6	2607	88	155	224	1.761	0.692	0.393	-0.5	24.33
5253	40.9576	116.4606	-53.4	259	TRF2	0	0	0	0	65	47.9	2444	85	148	230	1.741	0.643	0.370	-0.6	24.33
5254	40.9580	116.4606	-81.3	260	TRF2	0	0	0	0	78	47.9	2390	79	153	205	1.937	0.746	0.385	-0.6	24.32
5255	40.9584	116.4606	-72.6	248	TRF2	0	0	0	0	67	47.5	2418	78	157	241	2.013	0.651	0.324	-0.7	24.32
5256	40.9588	116.4606	-50.9	242	TRF2	0	0	0	0	64	47.2	2545	85	225	237	2.647	0.949	0.359	-0.7	24.31
5257	40.9591	116.4606	-46.9	238	TRF2	0	0	0	0	67	47.1	2586	77	127	292	1.649	0.435	0.264	-0.7	24.30

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5258	40.9595	116.4606	-55.8	233	TRF2	0	0	0	0	67	46.9	2398	78	129	287	1.654	0.449	0.272	-0.8	24.30
5259	40.9599	116.4606	-64.8	227	TRF2	0	0	0	0	76	46.7	2441	84	204	207	2.429	0.986	0.406	-0.8	24.30
5260	40.9602	116.4606	-74.5	227	TRF2	0	0	0	0	79	46.7	2474	75	130	250	1.733	0.520	0.300	-0.8	24.29
5261	40.9606	116.4606	-78.0	232	TRF2	0	0	0	0	77	46.9	2447	67	161	251	2.403	0.641	0.267	-0.8	24.29
5262	40.9610	116.4606	-81.5	246	TRF2	0	0	0	0	76	47.4	2533	86	179	213	2.081	0.840	0.404	-0.8	24.28
5263	40.9613	116.4606	-101.6	260	TRF2	0	0	0	0	58	47.9	2410	74	87	283	1.176	0.307	0.261	-0.8	24.28
5264	40.9617	116.4606	-119.9	278	TRF2	0	0	0	0	71	48.6	2504	64	190	220	2.969	0.864	0.291	-0.9	24.28
5265	40.9621	116.4606	-135.7	293	TRF2	0	0	0	0	76	49.1	2454	54	221	214	4.093	1.033	0.252	-0.9	24.28
5266	40.9624	116.4606	-141.3	309	TRF2	0	0	0	0	69	47.6	2378	92	54	284	0.587	0.190	0.324	-0.9	24.27
5267	40.9628	116.4606	-133.9	324	TRF2	0	0	0	0	69	48.1	2524	98	139	218	1.418	0.638	0.450	-1.0	24.27
5268	40.9632	116.4606	-134.9	339	TRF2	0	0	0	0	63	48.5	2455	86	111	246	1.291	0.451	0.350	-1.0	24.26
5269	40.9635	116.4606	-155.3	346	TRF2	0	0	0	0	73	48.8	2446	58	173	221	2.983	0.783	0.262	-1.1	24.26
5270	40.9639	116.4606	-182.2	352	TRF2	0	0	0	0	79	49.0	2249	79	140	212	1.772	0.660	0.373	-1.1	24.26
5271	40.9643	116.4606	-196.1	364	TRF2	0	0	0	0	66	49.3	2310	76	148	218	1.947	0.679	0.349	-1.2	24.26
5272	40.9646	116.4605	-193.9	380	TRF2	0	0	0	0	73	49.8	2365	62	129	222	2.081	0.581	0.279	-1.2	24.25
5273	40.9650	116.4605	-173.5	386	TRF2	0	0	0	0	77	50.0	2260	82	141	177	1.720	0.797	0.463	-1.3	24.23
5274	40.9654	116.4605	-144.5	384	TRF2	0	0	0	0	59	49.9	2294	83	100	221	1.205	0.452	0.376	-1.3	24.23
5275	40.9658	116.4605	-89.6	373	TRF2	0	0	0	0	75	49.6	2355	81	114	205	1.407	0.556	0.395	-1.3	24.24
5276	40.9661	116.4605	-70.3	366	TRF2	0	0	0	0	74	49.4	2287	74	71	228	0.959	0.311	0.325	-1.4	24.24
5277	40.9665	116.4605	-62.0	363	TRF2	0	0	0	0	76	49.3	2186	51	82	270	1.608	0.304	0.189	-1.4	24.24
5278	40.9669	116.4605	-61.2	365	TRF2	0	0	0	0	72	49.4	2335	69	126	215	1.826	0.586	0.321	-1.5	24.23
5279	40.9672	116.4605	-64.6	371	TRF2	0	0	0	0	66	49.6	2273	62	167	162	2.694	1.031	0.383	-1.4	24.23
5280	40.9676	116.4605	-68.5	378	TRF2	0	0	0	0	75	49.8	2385	63	163	169	2.587	0.964	0.373	-1.4	24.23
5281	40.9680	116.4605	-69.4	381	TRF2	0	0	0	0	69	49.9	2205	71	206	133	2.901	1.549	0.534	-1.4	24.23
5282	40.9683	116.4605	-66.6	386	TRF2	0	0	0	0	75	50.0	2204	64	139	171	2.172	0.813	0.374	-1.4	24.23
5283	40.9687	116.4605	-67.0	392	TRF2	0	0	0	0	64	50.2	2230	67	126	193	1.881	0.653	0.347	-1.4	24.22
5284	40.9691	116.4605	-64.1	396	TRF2	0	0	0	0	70	50.3	2267	74	142	143	1.919	0.993	0.517	-1.4	24.23
5285	40.9694	116.4605	-70.1	395	TRF2	0	0	0	0	66	46.6	2268	80	100	176	1.250	0.568	0.455	-1.5	24.22
5286	40.9698	116.4605	-70.0	397	TRF2	0	0	0	0	69	46.7	2234	61	93	227	1.525	0.410	0.269	-1.5	24.22
5287	40.9702	116.4605	-60.7	403	TRF2	0	0	0	0	72	46.8	2146	71	127	199	1.789	0.638	0.357	-1.4	24.22
5288	40.9705	116.4605	-55.3	408	TRF2	0	0	0	0	69	47.0	2311	65	134	168	2.062	0.798	0.387	-1.4	24.22
5289	40.9709	116.4605	-51.0	412	TRF2	0	0	0	0	66	47.1	2415	70	127	213	1.814	0.596	0.329	-1.5	24.22
5290	40.9713	116.4605	-49.2	416	QOA2	0	0	0	0	78	47.2	2314	58	141	183	2.431	0.770	0.317	-1.5	24.22
5291	40.9716	116.4605	-51.1	418	QOA2	0	0	0	0	77	47.3	2445	74	83	195	1.122	0.426	0.379	-1.5	24.21
5292	40.9720	116.4605	-54.8	416	QOA2	0	0	0	0	61	47.2	2474	71	130	215	1.831	0.605	0.330	-1.6	24.22
5293	40.9724	116.4605	-53.8	410	QOA2	0	0	0	0	55	47.1	2380	86	167	169	1.942	0.988	0.509	-1.6	24.22
5294	40.9727	116.4605	-55.3	401	QOA2	0	0	0	0	78	46.8	2361	84	55	218	0.655	0.252	0.385	-1.6	24.23
5295	40.9731	116.4605	-55.1	388	QOA2	0	0	0	0	74	46.5	2272	59	120	177	2.034	0.678	0.333	-1.6	24.23
5296	40.9735	116.4605	-50.2	378	QOA2	0	0	0	0	75	46.2	2160	78	148	161	1.897	0.919	0.484	-1.7	24.24
5297	40.9739	116.4605	-48.6	373	QOA2	0	0	0	0	64	46.0	2184	77	46	224	0.597	0.205	0.344	-1.7	24.25
5298	40.9742	116.4605	-45.1	372	QOA2	0	0	0	0	75	46.0	2218	68	32	284	0.471	0.113	0.239	-1.8	24.25
5299	40.9746	116.4605	-41.0	374	QOA2	0	0	0	0	75	46.1	2285	75	101	204	1.347	0.495	0.368	-1.7	24.25
5300	40.9750	116.4605	-42.5	372	QOA2	0	0	0	0	71	46.0	2280	73	146	174	2.000	0.839	0.420	-1.8	24.26
5301	40.9753	116.4605	-45.7	369	QOA2	0	0	0	0	68	45.9	2269	66	143	178	2.167	0.803	0.371	-1.8	24.26
5302	40.9757	116.4605	-48.5	365	QOA2	0	0	0	0	61	45.8	2187	67	120	201	1.791	0.597	0.333	-1.8	24.26
5303	40.9761	116.4605	-52.1	368	QOA2	0	0	0	0	72	45.9	2186	80	89	170	1.112	0.524	0.471	-1.8	24.27
5304	40.9764	116.4605	-56.5	378	QOA2	0	0	0	0	73	47.2	2080	47	154	206	3.277	0.748	0.228	-1.8	24.27
5305	40.9768	116.4605	-63.6	387	QOA2	0	0	0	0	64	47.5	2248	68	129	233	1.897	0.554	0.292	-1.8	24.27
5306	40.9772	116.4605	-68.5	394	QOA2	0	0	0	0	68	47.7	2194	75	143	159	1.907	0.899	0.472	-1.7	24.27
5307	40.9775	116.4605	-79.2	399	QOA2	0	0	0	0	66	47.8	2329	68	117	199	1.721	0.588	0.342	-1.7	24.26
5308	40.9779	116.4605	-86.0	406	QOA2	0	0	0	0	69	48.0	2298	62	117	202	1.887	0.579	0.307	-1.7	24.27
5309	40.9783	116.4605	-94.2	412	QOA2	0	0	0	0	72	48.2	2165	53	125	189	2.358	0.661	0.280	-1.8	24.27
5310	40.9786	116.4605	-95.4	413	QOA2	0	0	0	0	70	48.2	2228	73	89	179	1.219	0.497	0.408	-1.8	24.27
5311	40.9790	116.4605	-83.6	417	QOA2	0	0	0	0	73	48.3	2049	45	121	188	2.689	0.644	0.239	-1.7	24.27

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5312	40.9794	116.4605	-77.5	418	QOA2	0	0	0	0	69	48.3	2138	66	113	168	1.712	0.673	0.393	-1.7	24.28
5313	40.9797	116.4605	-72.4	419	QOA2	0	0	0	0	64	48.4	2277	55	103	194	1.873	0.531	0.284	-1.7	24.29
5314	40.9801	116.4605	-74.6	416	QOA2	0	0	0	0	67	48.3	2211	59	257	124	4.356	2.073	0.476	-1.7	24.30
5315	40.9805	116.4605	-81.1	410	QOA2	0	0	0	0	76	48.1	2069	57	101	162	1.772	0.623	0.352	-1.7	24.29
5316	40.9809	116.4605	-89.8	410	QOA2	0	0	0	0	66	48.1	2043	56	109	154	1.946	0.708	0.364	-1.7	24.29
5317	40.9812	116.4605	-103.3	407	QOA2	0	0	0	0	68	48.0	1983	40	117	208	2.925	0.563	0.192	-1.6	24.30
5318	40.9816	116.4605	-112.8	405	QOA2	0	0	0	0	75	48.0	2127	68	115	168	1.691	0.685	0.405	-1.6	24.30
5319	40.9820	116.4605	-114.8	403	QOA2	0	0	0	0	72	47.9	2055	74	86	185	1.162	0.465	0.400	-1.6	24.30
5320	40.9823	116.4605	-114.7	401	QOA2	0	0	0	0	65	47.9	2042	77	51	183	0.662	0.279	0.421	-1.6	24.30
5321	40.9827	116.4605	-113.9	403	QOA2	0	0	0	0	62	47.9	2032	82	59	185	0.720	0.319	0.443	-1.6	24.31
5322	40.9831	116.4605	-116.1	405	QOA2	0	0	0	0	63	48.0	2044	61	198	108	3.246	1.833	0.565	-1.5	24.30
5323	40.9834	116.4605	-122.5	411	QOA2	0	0	0	0	68	43.7	2158	75	154	149	2.053	1.034	0.503	-1.4	24.30
5324	40.9838	116.4605	-135.6	415	QOA2	0	0	0	0	64	43.8	2207	71	158	175	2.225	0.903	0.406	-1.4	24.30
5325	40.9842	116.4605	-143.6	415	QOA2	0	0	0	0	71	43.8	2193	78	158	169	2.026	0.935	0.462	-1.4	24.30
5326	40.9845	116.4605	-148.0	416	QOA2	0	0	0	0	71	43.8	2138	54	110	202	2.037	0.545	0.267	-1.3	24.31
5327	40.9849	116.4605	-155.2	419	QOA2	0	0	0	0	74	43.9	2203	64	123	167	1.922	0.737	0.383	-1.3	24.31
5328	40.9853	116.4605	-162.2	415	QOA2	0	0	0	0	73	43.8	2115	75	148	171	1.973	0.865	0.439	-1.3	24.32
5329	40.9856	116.4605	-166.4	410	QOA2	0	0	0	0	64	43.7	2144	58	153	168	2.638	0.911	0.345	-1.2	24.32
5330	40.9860	116.4605	-167.9	408	QOA2	0	0	0	0	67	43.6	2174	96	49	170	0.510	0.288	0.565	-1.2	24.32
5331	40.9864	116.4605	-171.3	413	QOA2	0	0	0	0	69	43.7	2212	78	126	159	1.615	0.797	0.494	-1.2	24.32
5332	40.9867	116.4605	-166.9	425	QA1	0	0	0	0	69	44.0	2182	70	140	149	2.000	0.940	0.470	-1.2	24.32
5333	40.9871	116.4605	-167.1	424	QA1	0	0	0	0	68	44.0	2193	74	129	179	1.743	0.721	0.413	-1.1	24.31
5334	40.9875	116.4605	-164.8	421	QA1	0	0	0	0	72	43.9	2110	50	179	190	3.580	0.942	0.263	-1.1	24.32
5335	40.9878	116.4604	-160.0	421	QA1	0	0	0	0	63	43.9	2230	66	157	185	2.379	0.849	0.357	-1.1	24.32
5336	40.9882	116.4604	-160.0	419	QA1	0	0	0	0	66	43.9	2170	44	131	219	2.977	0.598	0.201	-1.1	24.32
5337	40.9886	116.4604	-162.6	422	QA1	0	0	0	0	64	44.0	2240	62	171	142	2.758	1.204	0.437	-1.1	24.32
5338	40.9890	116.4604	-163.8	424	QA1	0	0	0	0	80	44.0	2261	57	146	212	2.561	0.689	0.269	-1.1	24.32
5339	40.9893	116.4604	-166.8	424	QA1	0	0	0	0	72	[illegible].0	2533	54	142	208	2.630	0.683	0.260	-1.1	24.32
5340	40.9897	116.4604	-170.5	422	QA1	0	0	0	0	63	[illegible].0	2432	71	110	213	1.549	0.516	0.333	-1.1	24.32
5341	40.9900	116.4604	-179.4	421	QA1	0	0	0	0	71	43.9	2370	73	121	204	1.658	0.593	0.358	-1.1	24.32
5342	40.9904	116.4604	-185.1	425	QOA2	0	0	0	0	62	38.6	2389	64	181	198	2.828	0.914	0.323	-1.1	24.32
5343	40.9907	116.4604	-193.3	419	QOA2	0	0	0	0	71	38.5	2362	94	49	242	0.521	0.202	0.388	-1.1	24.32
5344	40.9911	116.4604	-199.1	412	QOA2	0	0	0	0	66	38.3	2419	75	142	165	1.893	0.861	0.455	-1.2	24.31
5345	40.9914	116.4604	-206.8	407	QOA2	0	0	0	0	70	38.2	2353	63	157	206	2.492	0.762	0.306	-1.2	24.31
5346	40.9918	116.4604	-210.3	405	QOA2	0	0	0	0	69	38.2	2147	62	164	191	2.645	0.859	0.325	-1.2	24.32
5347	40.9921	116.4604	-207.7	406	QOA2	0	0	0	0	73	38.2	2407	73	156	184	2.137	0.848	0.397	-1.2	24.32
5348	40.9924	116.4603	-202.8	412	QOA2	0	0	0	0	63	38.3	2311	59	138	204	2.339	0.676	0.289	-1.1	24.31
5349	40.9928	116.4603	-199.0	413	QOA2	0	0	0	0	70	38.4	2421	71	93	202	1.310	0.460	0.351	-1.1	24.31
5350	40.9931	116.4603	-202.4	421	QOA2	0	0	0	0	67	38.6	2210	73	119	189	1.630	0.630	0.386	-1.0	24.31
5351	40.9935	116.4603	-209.5	426	QOA2	0	0	0	0	67	38.7	2222	59	142	204	2.407	0.696	0.289	-1.3	24.30
5352	40.9938	116.4603	-215.9	426	QOA2	0	0	0	0	72	38.7	2349	62	181	183	2.919	0.989	0.339	1.8	24.30
5353	40.9942	116.4603	-221.6	426	QOA2	0	0	0	0	69	38.7	2252	76	134	176	1.763	0.761	0.432	-0.4	24.30
5354	40.9945	116.4603	-228.4	422	QOA2	0	0	0	0	60	38.6	2274	51	151	192	2.961	0.786	0.266	-2.4	24.30
5355	40.9949	116.4602	-235.3	417	QOA2	0	0	0	0	61	38.5	2231	71	208	106	2.930	1.962	0.670	-2.9	24.29
5356	40.9952	116.4602	-240.0	425	QOA2	0	0	0	0	66	38.6	2282	77	81	214	1.052	0.379	0.360	2.0	24.29
5357	40.9955	116.4602	-246.6	433	QOA2	0	0	0	0	67	38.8	2168	52	175	160	3.365	1.094	0.325	2.2	24.28
5358	40.9959	116.4602	-250.9	443	QOA2	0	0	0	0	71	39.0	2254	55	132	182	2.400	0.725	0.302	-0.8	24.27
5359	40.9962	116.4602	-254.9	446	QOA2	0	0	0	0	73	39.1	2114	69	136	185	1.971	0.735	0.373	-2.1	24.27
5360	40.9966	116.4602	-259.5	446	NA	0	0	0	0	75	39.1	2192	46	161	156	3.500	1.032	0.295	1.3	24.27
5361	40.9969	116.4602	-262.8	442	NA	0	0	0	0	71	42.8	2186	54	164	137	3.037	1.197	0.394	4.3	24.27
5362	40.9973	116.4602	-266.0	441	NA	0	0	0	0	64	42.8	2137	72	127	152	1.764	0.836	0.474	-2.2	24.27
5363	40.9976	116.4601	-266.4	440	NA	0	0	0	0	69	42.8	2034	63	138	178	2.190	0.775	0.354	-3.2	24.27
5364	40.9980	116.4601	-268.3	440	NA	0	0	0	0	62	42.8	2189	61	209	127	3.426	1.646	0.480	-2.9	24.27
5365	40.9983	116.4601	-267.5	438	NA	0	0	0	0	72	42.7	2200	70	184	178	2.629	1.034	0.393	-0.6	24.27

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5366	40.9986	116.4601	-268.5	439	NA	0	0	0	0	64	42.8	2051	86	65	157	0.756	0.414	0.548	-0.7	24.27
5367	40.9990	116.4601	-266.9	441	NA	0	0	0	0	81	42.8	2047	49	109	187	2.224	0.583	0.262	0.6	24.26
5368	40.9993	116.4601	-267.3	442	NA	0	0	0	0	75	42.8	2057	58	72	203	1.241	0.355	0.286	-2.8	24.27
5369	40.9997	116.4601	-267.3	443	NA	0	0	0	0	68	42.8	2175	59	210	128	3.559	1.641	0.461	-0.9	24.27
5370	41.0000	116.4601	-265.2	444	NA	0	0	0	0	73	42.9	2128	89	126	91	1.416	1.385	0.978	2.5	24.27
5371	41.0004	116.4600	-258.6	445	NA	0	0	0	0	65	42.9	2184	87	84	165	0.966	0.509	0.527	-1.8	24.26
5372	41.0007	116.4600	-243.2	452	NA	0	0	0	0	76	43.1	2178	55	85	249	1.545	0.341	0.221	-2.4	24.26
5373	41.0011	116.4600	-240.4	453	NA	0	0	0	0	70	43.1	2259	46	185	167	4.022	1.108	0.275	3.8	24.25
5374	41.0014	116.4600	-240.4	452	NA	0	0	0	0	65	43.1	2104	63	163	132	2.587	1.235	0.477	2.7	24.25
5375	41.0017	116.4600	-238.8	454	NA	0	0	0	0	68	43.1	2141	80	109	145	1.362	0.752	0.552	-2.4	24.25
5376	41.0021	116.4600	-242.5	456	NA	0	0	0	0	66	43.1	2149	53	150	135	2.830	1.111	0.393	1.7	24.25
5377	41.0024	116.4600	-241.9	452	NA	0	0	0	0	78	43.1	2215	73	78	217	1.068	0.359	0.336	1.0	24.25
5378	41.0028	116.4600	-248.4	449	NA	0	0	0	0	72	43.0	2155	73	74	192	1.014	0.385	0.380	-0.3	24.25
5379	41.0031	116.4599	-251.3	451	NA	0	0	1	0	71	43.0	2098	81	22	214	0.272	0.103	0.379	1.4	24.26
5380	41.0035	116.4599	-253.8	445	NA	0	0	0	0	66	42.9	2106	63	112	193	1.778	0.580	0.326	-1.5	24.26
5381	41.0038	116.4599	-255.8	440	NA	0	0	0	0	68	42.8	2083	83	99	200	1.193	0.495	0.415	-2.4	24.25
5382	41.0041	116.4599	-257.2	442	NA	0	0	0	0	64	42.8	2058	54	196	134	3.630	1.463	0.403	-1.9	24.26
5383	41.0045	116.4599	-260.6	441	NA	0	0	0	0	66	42.8	2220	79	129	174	1.633	0.741	0.454	-0.9	24.26
5384	41.0048	116.4599	-262.3	445	NA	0	0	0	0	60	42.9	2201	41	183	179	4.463	1.022	0.229	1.2	24.25
5385	41.0052	116.4599	-266.5	441	NA	0	0	0	0	77	42.8	2160	48	147	205	3.063	0.717	0.234	-2.9	24.26
5386	41.0055	116.4598	-269.0	435	NA	0	0	0	0	65	42.7	2145	64	129	198	2.016	0.652	0.323	-3.2	24.26
5387	41.0059	116.4598	-270.0	432	NA	0	0	0	0	71	42.6	2215	64	126	219	1.969	0.575	0.292	-0.8	24.26
5388	41.0062	116.4598	-271.7	430	NA	0	0	0	0	76	42.5	2309	59	207	179	3.508	1.156	0.330	-2.0	24.26
5389	41.0066	116.4598	-275.3	431	NA	0	0	0	0	65	42.6	2235	81	77	214	0.951	0.360	0.379	-4.3	24.26
5390	41.0069	116.4598	-278.0	433	NA	0	0	0	0	66	42.6	2200	56	199	183	3.554	1.087	0.306	-3.4	24.26
5391	41.0072	116.4598	-278.6	438	NA	0	0	0	0	70	42.7	2329	63	200	145	3.175	1.379	0.434	-4.2	24.26
5392	41.0076	116.4598	-280.5	447	NA	0	0	0	0	72	42.9	2373	58	156	226	2.690	0.690	0.257	0.8	24.25
5393	41.0079	116.4598	-282.4	450	NA	0	0	0	0	74	43.0	2304	55	165	209	3.000	0.789	0.263	-3.3	24.25
5394	41.0083	116.4597	-285.2	446	NA	0	0	0	0	71	42.9	2281	62	193	181	3.113	1.066	0.343	-4.7	24.25
5395	41.0086	116.4597	-286.1	442	NA	0	0	0	0	70	42.8	2281	83	85	245	1.024	0.347	0.339	-2.2	24.26
5396	41.0090	116.4597	-287.3	446	NA	0	0	0	0	75	42.9	2359	72	206	148	2.861	1.392	0.486	-3.5	24.26
5397	41.0093	116.4597	-288.2	449	NA	0	0	0	0	71	43.0	2223	62	120	184	1.935	0.652	0.337	2.2	24.25
5398	41.0097	116.4597	-290.4	450	NA	0	0	0	0	65	43.0	2371	48	182	202	3.792	0.901	0.238	3.2	24.24
5399	41.0100	116.4597	-291.6	450	NA	0	0	0	0	66	43.0	2366	91	121	174	1.330	0.695	0.523	0.6	24.24
5400	41.0103	116.4597	-291.5	447	NA	0	0	0	0	65	42.9	2210	55	176	176	3.200	1.000	0.313	0.1	24.24

1 GEODATA INT. INC. SINGLE REC LISTING WINNEMUCCA TIE LINE 7

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
90	40.7500	116.3253	-108.0	316	NA	0	0	0	0	73	19.2	1960	61	109	164	1.787	0.665	0.372	7.6	24.01
91	40.7500	116.3253	-105.7	316	NA	0	0	0	0	73	19.2	2001	61	120	171	1.967	0.702	0.357	7.6	24.00
92	40.7500	116.3253	-107.0	315	NA	0	0	0	0	71	19.2	1970	51	115	188	2.255	0.612	0.271	7.7	24.00
93	40.7500	116.3254	-107.2	313	NA	0	0	0	0	69	19.1	2058	62	100	168	1.613	0.595	0.369	7.6	24.00
94	40.7500	116.3254	-102.8	304	NA	0	0	0	0	73	19.0	2009	68	63	192	0.926	0.328	0.354	7.6	23.99
96	40.7500	116.3254	-105.5	276	NA	0	0	0	0	71	18.6	1708	64	116	95	1.813	1.221	0.674	7.7	24.00
97	40.7500	116.3254	-103.4	263	NA	0	0	0	0	74	18.4	1700	40	139	125	3.475	1.112	0.320	7.7	24.00
98	40.7500	116.3254	-101.2	261	NA	0	0	0	0	78	18.4	1548	37	150	102	4.054	1.471	0.363	7.7	24.00
99	40.7500	116.3254	-97.5	281	NA	0	0	0	0	66	18.7	1577	38	64	143	1.684	0.448	0.266	7.6	23.99
100	40.7500	116.3254	-95.9	328	NA	0	0	0	0	65	19.3	1564	51	123	81	2.412	1.519	0.630	7.6	23.98
101	40.7500	116.3254	-100.3	365	NA	0	0	0	0	78	19.8	1591	40	93	122	2.325	0.762	0.328	7.7	23.98
102	40.7500	116.3254	-102.9	386	NA	0	0	0	0	73	20.0	1608	56	65	129	1.161	0.504	0.434	7.7	23.97
103	40.7500	116.3254	-106.1	392	NA	0	0	0	0	74	20.1	1694	49	102	147	2.082	0.694	0.333	7.7	23.97
104	40.7500	116.3254	-105.1	389	NA	0	0	0	0	72	20.1	1790	41	144	128	3.512	1.125	0.320	7.7	23.96
105	40.7500	116.3254	-105.6	387	NA	0	0	0	0	71	20.0	2027	72	124	117	1.722	1.060	0.615	7.6	23.96
106	40.7500	116.3254	-104.4	387	NA	0	0	0	0	77	20.1	1825	42	91	143	2.167	0.636	0.294	7.6	23.96
107	40.7500	116.3254	-103.1	386	NA	0	0	0	0	63	20.0	2019	63	111	151	1.762	0.735	0.417	7.6	23.96
108	40.7500	116.3254	-104.2	381	NA	0	0	0	0	76	20.0	1933	43	100	181	2.326	0.552	0.238	7.6	23.96
109	40.7500	116.3254	-101.4	379	NA	0	0	0	0	70	20.0	1825	65	58	153	0.892	0.379	0.425	7.5	23.96
110	40.7500	116.3254	-102.2	378	NA	0	0	0	0	67	19.9	1865	66	93	144	1.409	0.646	0.458	7.5	23.95
111	40.7500	116.3254	-102.7	374	NA	0	0	0	0	73	19.9	1825	35	139	144	3.971	0.965	0.243	7.5	23.95
112	40.7500	116.3254	-99.2	373	NA	0	0	0	0	73	19.9	1833	62	114	139	1.839	0.820	0.446	7.5	23.95
113	40.7500	116.3254	-95.0	371	NA	0	0	0	0	72	19.8	1854	59	73	178	1.237	0.410	0.331	7.6	23.94
114	40.7500	116.3254	-98.3	361	NA	0	0	0	0	78	19.7	1864	48	91	143	1.896	0.636	0.336	7.5	23.94
115	40.7500	116.3254	-94.7	349	NA	0	0	0	0	66	19.6	1809	44	91	183	2.068	0.497	0.240	7.5	23.93
116	40.7500	116.3254	-93.0	336	NA	0	0	0	0	74	19.4	1725	22	135	139	6.136	0.971	0.158	7.5	23.93
117	40.7500	116.3254	-91.3	333	NA	0	0	0	0	72	19.4	1801	43	159	102	3.698	1.559	0.422	7.5	23.93
118	40.7500	116.3254	-91.6	329	NA	0	0	0	0	74	19.3	1659	50	97	131	1.940	0.740	0.382	7.5	23.92
119	40.7500	116.3254	-89.9	324	NA	0	0	0	0	75	19.3	1703	67	88	113	1.313	0.779	0.593	7.5	23.92
120	40.7500	116.3254	-88.4	321	NA	0	0	0	0	84	19.1	1678	36	110	119	3.056	0.924	0.303	7.4	23.92
121	40.7500	116.3254	-87.9	318	NA	0	0	0	0	74	19.1	1684	45	110	124	2.444	0.887	0.363	7.4	23.92
122	40.7500	116.3254	-89.2	317	NA	0	0	0	0	66	19.1	1769	50	117	97	2.340	1.206	0.515	7.4	23.91
123	40.7500	116.3254	-91.0	313	NA	0	0	0	0	71	19.0	1713	39	132	113	3.385	1.168	0.345	7.4	23.91
124	40.7500	116.3254	-88.0	308	NA	0	0	0	0	64	18.9	1709	48	114	134	2.375	0.851	0.358	7.4	23.91
125	40.7500	116.3254	-89.5	307	NA	0	0	0	0	68	18.9	1777	57	129	140	2.263	0.921	0.407	7.4	23.91
126	40.7500	116.3254	-88.6	304	NA	0	0	0	0	70	18.9	1703	52	122	123	2.346	0.992	0.423	7.5	23.91
127	40.7500	116.3254	-89.6	304	NA	0	0	0	0	77	18.9	1806	57	52	186	0.912	0.280	0.306	7.5	23.91
128	40.7500	116.3254	-87.8	302	NA	0	0	0	0	68	18.9	1812	38	183	121	4.816	1.512	0.314	7.6	23.91
129	40.7500	116.3254	-88.6	294	NA	0	0	0	0	76	18.8	1811	39	166	146	4.256	1.137	0.267	7.6	23.91
130	40.7500	116.3254	-90.4	289	NA	0	0	0	0	72	18.7	1800	59	141	102	2.431	1.382	0.569	7.6	23.91
131	40.7500	116.3254	-92.2	283	NA	0	0	0	0	69	18.6	1742	36	178	115	4.944	1.548	0.313	7.6	23.91
132	40.7500	116.3254	-93.7	282	NA	0	0	0	0	66	18.6	1749	35	199	108	5.686	1.843	0.324	7.6	23.91
133	40.7500	116.3254	-94.4	288	NA	0	0	0	0	81	18.7	1713	56	52	148	0.929	0.351	0.378	7.6	23.91
134	40.7500	116.3254	-96.8	303	NA	0	0	0	0	73	18.9	1663	47	115	126	2.447	0.913	0.373	7.6	23.91
135	40.7500	116.3254	-98.2	319	NA	0	0	0	0	73	19.1	1680	41	87	157	2.122	0.554	0.261	7.6	23.91
136	40.7500	116.3254	-100.8	333	NA	0	0	0	0	69	19.3	1724	43	67	161	1.558	0.416	0.267	7.7	23.90
137	40.7500	116.3254	-103.9	324	NA	0	0	0	0	75	19.1	1804	45	84	160	1.867	0.525	0.281	7.7	23.90
138	40.7500	116.3255	-106.7	314	NA	0	0	0	0	73	19.0	1725	50	62	168	1.240	0.369	0.298	7.7	23.90
139	40.7500	116.3255	-110.3	300	NA	0	0	0	0	67	18.0	1739	46	110	136	2.391	0.809	0.338	7.7	23.90
140	40.7500	116.3255	-113.9	290	NA	0	0	0	0	77	17.9	1581	44	49	145	1.114	0.338	0.303	7.7	23.90
141	40.7500	116.3255	-115.9	294	NA	0	0	0	0	66	17.9	1561	33	124	99	3.758	1.253	0.333	7.7	23.90
142	40.7500	116.3255	-119.3	307	NA	0	0	0	0	77	18.1	1574	40	84	98	2.100	0.857	0.408	7.7	23.90
143	40.7500	116.3255	-123.6	332	NA	0	0	0	0	67	18.4	1611	40	47	150	1.175	0.313	0.267	7.7	23.90
144	40.7500	116.3255	-125.3	366	NA	0	0	0	0	86	18.8	1551	31	90	122	2.903	0.738	0.254	7.7	23.89

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
145	40.7500	116.3255	-128.9	383	NA	0	0	0	0	62	19.0	1611	51	52	146	1.020	0.356	0.349	7.7	23.89
146	40.7500	116.3255	-131.7	400	NA	0	0	0	0	82	19.2	1731	38	124	130	3.263	0.954	0.292	7.6	23.89
147	40.7500	116.3255	-135.8	418	NA	0	0	1	0	69	19.4	1813	62	26	175	0.419	0.149	0.354	7.7	23.89
148	40.7500	116.3255	-139.3	425	NA	0	0	0	0	70	19.5	1812	59	123	105	2.085	1.171	0.562	7.7	23.88
149	40.7500	116.3255	-143.5	426	NA	0	0	0	0	69	19.5	2342	40	119	150	2.975	0.793	0.267	7.7	23.88
150	40.7500	116.3255	-146.0	424	TVU	0	0	0	0	76	19.5	2061	63	177	134	2.810	1.321	0.470	7.7	23.88
151	40.7500	116.3255	-144.6	422	TVU	0	0	0	0	70	19.4	2290	67	121	135	1.806	0.896	0.496	7.8	23.87
152	40.7500	116.3255	-144.8	416	TVU	0	0	0	0	72	19.4	2090	71	94	141	1.324	0.667	0.504	7.8	23.87
153	40.7500	116.3255	-142.4	414	TVU	0	0	0	0	73	19.3	2107	51	127	194	2.490	0.655	0.263	7.8	23.86
154	40.7500	116.3255	-142.8	416	TVU	0	0	0	0	74	19.4	2150	54	102	181	1.889	0.564	0.298	7.8	23.86
155	40.7500	116.3255	-142.6	412	TVU	0	0	0	0	73	19.3	2128	55	92	197	1.673	0.467	0.279	7.8	23.85
156	40.7500	116.3255	-141.7	406	TVU	0	0	0	0	75	19.2	2280	35	184	138	5.257	1.333	0.254	7.8	23.85
157	40.7500	116.3255	-139.2	400	TVU	0	0	0	0	74	19.2	2228	63	131	149	2.079	0.879	0.423	7.8	23.86
158	40.7500	116.3255	-140.1	387	TVU	0	0	0	0	68	16.0	2658	61	176	162	2.885	1.086	0.377	7.8	23.86
159	40.7500	116.3255	-139.4	378	TVU	0	0	0	0	69	15.9	2426	66	188	131	2.848	1.435	0.504	7.9	23.87
160	40.7500	116.3255	-137.7	377	TVU	0	0	0	0	72	15.9	2003	57	108	175	1.895	0.617	0.326	7.9	23.87
161	40.7500	116.3255	-136.4	375	TVU	0	0	0	0	77	15.9	2197	46	141	165	3.065	0.855	0.279	7.9	23.86
162	40.7500	116.3255	-131.7	373	TVU	0	0	0	0	69	15.8	2019	38	128	158	3.368	0.810	0.241	7.9	23.86
163	40.7500	116.3255	-131.0	367	TVU	0	0	0	0	70	15.8	1846	43	129	129	3.000	1.000	0.333	7.9	23.86
164	40.7500	116.3255	-128.2	377	TVU	0	0	0	0	72	15.9	1830	47	44	148	0.936	0.297	0.318	7.9	23.86
165	40.7500	116.3255	-125.6	413	TVU	0	0	0	0	71	16.2	1759	45	143	67	3.178	2.134	0.672	7.9	23.86
166	40.7500	116.3255	-124.7	460	TVU	0	0	0	0	79	16.7	1954	35	165	96	4.714	1.719	0.365	7.8	23.86
167	40.7500	116.3255	-123.5	484	TVU	0	0	0	0	77	16.9	1958	37	152	141	4.108	1.078	0.262	7.8	23.86
168	40.7500	116.3255	-123.0	490	TVU	0	0	0	0	77	16.9	1926	43	163	58	3.791	2.810	0.741	7.8	23.86
169	40.7500	116.3255	-123.8	483	TVU	0	0	0	0	74	16.9	2109	54	99	144	1.833	0.688	0.375	7.8	23.86
170	40.7500	116.3255	-121.9	472	TVU	0	0	0	0	67	16.8	2038	65	90	197	1.385	0.457	0.330	7.8	23.86
171	40.7500	116.3255	-120.4	468	TVU	0	0	0	0	74	16.7	2112	63	86	155	1.365	0.555	0.406	7.8	23.87
172	40.7500	116.3255	-121.0	461	TVU	0	0	0	0	78	16.7	2250	51	62	222	1.216	0.279	0.230	7.8	23.87
173	40.7500	116.3255	-119.5	453	TVU	0	0	0	0	75	16.6	2021	49	129	170	2.633	0.759	0.288	7.8	23.88
174	40.7500	116.3255	-118.5	452	TVU	0	0	0	0	66	16.6	2331	46	182	128	3.957	1.422	0.359	7.8	23.88
175	40.7500	116.3255	-117.3	449	TVU	0	0	0	0	64	16.6	2133	61	148	147	2.426	1.007	0.415	7.8	23.88
176	40.7500	116.3255	-120.5	455	TVU	0	0	0	0	66	16.6	2308	68	171	79	2.515	2.165	0.861	7.8	23.88
177	40.7500	116.3255	-122.5	458	TVU	0	0	0	0	79	20.5	2126	63	94	175	1.492	0.537	0.360	7.7	23.88
178	40.7500	116.3255	-124.3	455	TVU	0	0	0	0	75	20.5	2107	46	130	175	2.826	0.743	0.263	7.6	23.87
179	40.7500	116.3255	-124.3	446	TVU	0	0	0	0	71	20.4	2091	61	160	147	2.623	1.088	0.415	7.6	23.88
180	40.7500	116.3255	-126.6	441	TVU	0	0	0	0	81	20.3	2130	60	116	163	1.933	0.712	0.368	7.5	23.88
181	40.7500	116.3255	-126.7	429	TVU	0	0	0	0	74	20.2	2012	39	153	122	3.923	1.254	0.320	7.5	23.88
182	40.7500	116.3255	-127.1	416	TVU	0	0	0	0	67	20.1	1986	76	178	103	2.342	1.728	0.738	7.4	23.89
183	40.7500	116.3255	-126.9	407	TVU	0	0	0	0	79	20.0	2187	71	133	139	1.873	0.957	0.511	7.4	23.89
184	40.7500	116.3256	-126.7	397	TVU	0	0	0	0	78	19.8	2222	65	112	140	1.697	0.800	0.471	7.4	23.90
185	40.7500	116.3256	-124.8	387	TVU	0	0	1	0	72	19.7	2175	85	16	199	0.188	0.080	0.427	7.3	23.90
186	40.7500	116.3256	-120.4	382	TVU	0	0	0	0	70	19.7	2207	56	137	132	2.446	1.038	0.424	7.3	23.90
187	40.7500	116.3256	-118.4	375	TVU	0	0	0	0	84	19.6	2073	58	55	192	0.948	0.286	0.302	7.3	23.91
188	40.7500	116.3256	-115.5	366	TVU	0	0	0	0	77	19.5	1892	39	126	135	3.231	0.933	0.289	7.2	23.91
189	40.7500	116.3256	-116.0	371	TVU	0	0	0	0	75	19.5	1990	51	97	127	1.902	0.764	0.402	7.2	23.91
190	40.7500	116.3256	-115.4	402	TVU	0	0	0	0	69	19.9	1851	49	94	126	1.918	0.746	0.389	7.1	23.91
191	40.7500	116.3256	-116.1	439	TVU	0	0	0	0	62	20.3	1961	49	170	75	3.469	2.267	0.653	7.1	23.91
192	40.7500	116.3256	-119.7	463	TVU	0	0	0	0	75	20.6	1925	53	135	144	2.547	0.938	0.368	7.1	23.90
193	40.7500	116.3256	-122.8	475	TVU	0	0	0	0	71	20.7	2172	49	139	173	2.837	0.803	0.283	7.0	23.90
194	40.7500	116.3256	-127.2	462	TVU	0	0	0	0	79	20.6	2072	52	147	140	2.827	1.050	0.371	7.0	23.91
195	40.7500	116.3256	-130.7	459	TVU	0	0	0	0	63	20.5	2246	77	97	197	1.260	0.492	0.391	7.0	23.90
196	40.7500	116.3256	-134.4	465	TVU	0	0	0	0	75	24.6	2280	49	248	133	5.061	1.865	0.368	6.9	23.90
197	40.7500	116.3256	-138.4	464	TVU	0	0	0	0	70	24.6	2350	59	115	234	1.949	0.491	0.252	6.9	23.90
198	40.7500	116.3256	-139.2	457	TVU	0	0	0	0	74	24.5	2517	76	176	197	2.316	0.893	0.386	6.9	23.90

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
199	40.7500	116.3256	-140.3	449	TVU	0	0	0	0	66	24.4	2637	103	102	202	0.990	0.505	0.510	6.9	23.90
200	40.7500	116.3256	-139.3	448	TVU	0	0	0	0	75	24.3	2594	94	198	120	2.106	1.650	0.783	6.9	23.89
201	40.7500	116.3256	-139.3	451	TVU	0	0	0	0	71	24.4	2527	97	127	180	1.309	0.706	0.539	6.8	23.90
202	40.7500	116.3256	-138.4	472	TVU	0	0	0	0	71	24.7	2613	83	196	172	2.361	1.140	0.483	6.8	23.89
203	40.7500	116.3256	-138.0	489	TVU	0	0	0	0	77	24.9	2633	81	160	196	1.975	0.816	0.413	6.7	23.89
204	40.7500	116.3256	-139.4	495	TVU	0	0	0	0	70	24.9	2536	84	172	157	2.048	1.096	0.535	6.7	23.89
205	40.7500	116.3256	-139.9	496	TVU	0	0	0	0	76	25.0	2291	62	167	144	2.694	1.160	0.431	6.7	23.89
206	40.7500	116.3256	-142.6	498	TVU	0	0	0	0	78	25.0	2467	72	97	213	1.347	0.455	0.338	6.7	23.89
207	40.7500	116.3256	-147.2	496	TVU	0	0	0	0	77	25.0	2297	62	218	162	3.516	1.346	0.383	6.6	23.89
208	40.7500	116.3256	-152.2	493	TVU	0	0	0	0	69	24.9	2215	66	158	135	2.394	1.170	0.489	6.6	23.89
209	40.7500	116.3256	-156.7	488	TVU	0	0	0	0	80	24.9	2380	71	82	226	1.155	0.363	0.314	6.7	23.90
210	40.7500	116.3256	-167.5	482	TVU	0	0	0	0	71	24.8	2362	85	187	111	2.200	1.685	0.766	6.6	23.90
211	40.7500	116.3256	-170.5	482	TVU	0	0	0	0	87	24.8	2496	106	79	167	0.745	0.473	0.635	6.7	23.90
212	40.7500	116.3256	-173.6	473	TVU	0	0	0	0	74	24.7	2291	68	184	144	2.706	1.278	0.472	6.7	23.90
213	40.7500	116.3256	-174.4	464	TVU	0	0	0	0	74	24.6	2391	90	114	173	1.267	0.659	0.520	6.7	23.90
214	40.7500	116.3256	-175.2	461	TVU	0	0	0	0	69	24.5	2295	89	140	202	1.573	0.693	0.441	6.6	23.90
215	40.7500	116.3257	-174.5	455	TVU	0	0	0	0	82	27.5	2372	62	152	189	2.452	0.804	0.328	6.6	23.89
216	40.7500	116.3257	-175.0	451	TVU	0	0	0	0	80	27.4	2390	58	113	266	1.948	0.425	0.218	6.6	23.89
217	40.7500	116.3257	-173.2	465	TVU	0	0	0	0	77	27.6	2574	81	216	170	2.667	1.271	0.476	6.6	23.89
218	40.7500	116.3257	-171.5	482	TVU	0	0	0	0	77	27.9	2636	84	142	239	1.690	0.594	0.351	6.6	23.90
219	40.7500	116.3257	-170.2	492	TVU	0	0	0	0	81	28.0	2799	84	127	254	1.512	0.500	0.331	6.6	23.90
220	40.7500	116.3257	-170.4	492	TVU	0	0	0	0	74	28.0	2596	85	189	186	2.224	1.016	0.457	6.6	23.90
221	40.7500	116.3257	-165.7	491	TVU	0	0	0	0	72	28.0	2596	78	162	221	2.077	0.733	0.353	6.6	23.89
222	40.7500	116.3257	-158.7	492	TVU	0	0	0	0	67	28.0	2497	77	149	204	1.935	0.730	0.377	6.6	23.89
223	40.7500	116.3257	-158.7	491	TVU	0	0	0	0	79	28.0	2616	80	161	243	2.012	0.663	0.329	6.6	23.89
224	40.7500	116.3257	-154.5	480	TVU	0	0	0	0	74	27.8	2538	91	89	231	0.978	0.385	0.394	6.5	23.88
225	40.7500	116.3257	-151.8	474	TVU	0	0	0	0	72	27.8	2501	68	172	238	2.529	0.723	0.286	6.5	23.88
226	40.7500	116.3257	-149.5	483	TVU	0	0	0	0	71	27.9	2515	103	127	193	1.233	0.658	0.534	6.5	23.88
227	40.7500	116.3257	-145.9	492	TVU	0	0	0	0	64	28.0	2528	99	131	227	1.323	0.577	0.436	6.5	23.88
228	40.7500	116.3257	-142.9	496	TVU	0	0	0	0	74	28.1	2436	80	169	196	2.113	0.862	0.408	6.5	23.88
229	40.7500	116.3257	-141.1	498	TVU	0	0	0	0	75	28.1	2462	73	172	193	2.356	0.891	0.378	6.5	23.87
230	40.7500	116.3257	-138.9	500	TVU	0	0	0	0	71	28.1	2276	53	175	229	3.302	0.764	0.231	6.5	23.86
231	40.7500	116.3257	-136.1	499	TVU	0	0	0	0	79	28.1	2287	57	190	145	3.333	1.310	0.393	6.5	23.86
232	40.7500	116.3257	-135.1	496	TVU	0	0	0	0	67	28.1	2295	86	182	124	2.116	1.468	0.694	6.5	23.86
233	40.7500	116.3257	-132.4	498	TVU	0	0	0	0	74	28.1	2474	52	192	176	3.692	1.091	0.295	6.6	23.85
234	40.7500	116.3257	-131.1	497	TVU	0	0	0	0	67	23.7	2439	63	170	192	2.698	0.885	0.328	6.6	23.84
235	40.7500	116.3257	-131.4	498	TVU	0	0	0	0	75	23.7	2213	85	101	157	1.188	0.643	0.541	6.6	23.84
236	40.7500	116.3257	-131.9	499	TVU	0	0	0	0	78	23.7	2463	79	142	176	1.797	0.807	0.449	6.6	23.84
237	40.7500	116.3257	-132.4	495	TVU	0	0	0	0	77	23.7	2388	85	137	166	1.612	0.825	0.512	6.6	23.84
238	40.7500	116.3257	-131.4	492	TVU	0	0	0	0	75	23.6	2356	109	119	162	1.092	0.735	0.673	6.6	23.83
239	40.7500	116.3257	-129.7	490	TVU	0	0	0	0	78	23.6	2412	63	213	165	3.381	1.291	0.382	6.7	23.83
240	40.7500	116.3257	-127.2	491	TVU	0	0	0	0	77	23.6	2388	73	164	183	2.247	0.896	0.399	6.7	23.82
241	40.7500	116.3257	-126.4	493	TVU	0	0	0	0	78	23.6	2486	82	134	240	1.634	0.558	0.342	6.8	23.81
242	40.7500	116.3257	-124.4	495	TVU	0	0	0	0	77	23.7	2427	96	115	194	1.198	0.593	0.495	6.8	23.81
243	40.7500	116.3257	-124.2	494	TVU	0	0	0	0	74	23.7	2615	65	237	204	3.646	1.162	0.319	6.8	23.80
244	40.7500	116.3257	-122.9	493	TVU	0	0	0	0	77	23.6	2403	89	144	208	1.618	0.692	0.428	6.9	23.80
245	40.7500	116.3257	-119.9	492	TVU	0	0	0	0	78	23.6	2389	85	74	232	0.871	0.319	0.366	7.0	23.80
246	40.7500	116.3257	-118.6	495	TVU	0	0	0	0	68	23.7	2406	96	84	208	0.875	0.404	0.462	7.1	23.79
247	40.7500	116.3258	-117.6	535	TVU	0	0	0	0	72	24.1	2621	74	174	210	2.351	0.829	0.352	7.2	23.79
248	40.7500	116.3258	-118.1	565	TVU	0	0	0	0	68	24.5	2601	67	177	187	2.642	0.947	0.358	7.2	23.79
249	40.7500	116.3258	-118.3	591	TVU	0	0	0	0	70	24.8	2559	67	132	207	1.970	0.638	0.324	7.2	23.79
250	40.7500	116.3258	-118.9	611	TVU	0	0	0	0	76	25.0	2500	68	129	167	1.897	0.772	0.407	7.2	23.78
251	40.7500	116.3258	-119.1	587	TVU	0	0	0	0	78	24.7	2491	61	200	157	3.279	1.274	0.389	7.2	23.78
252	40.7500	116.3258	-119.5	596	TVU	0	0	0	0	77	24.8	2435	95	143	146	1.505	0.979	0.651	7.2	23.78

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
253	40.7500	116.3258	-120.0	597	TVU	0	0	0	0	76	27.2	2617	76	162	166	2.132	0.976	0.458	7.3	23.78
254	40.7500	116.3258	-120.3	596	TVU	0	0	0	0	81	27.2	2472	77	168	144	2.182	1.167	0.535	7.3	23.78
255	40.7500	116.3258	-120.0	597	TVU	0	0	0	0	81	27.2	2479	59	235	119	3.983	1.975	0.496	7.3	23.77
256	40.7500	116.3258	-120.0	606	TVU	0	0	0	0	74	27.3	2479	119	60	229	0.504	0.262	0.520	7.4	23.77
257	40.7500	116.3258	-115.8	590	TVU	0	0	0	0	76	27.1	2461	76	161	160	2.118	1.006	0.475	7.4	23.77
258	40.7500	116.3258	-114.8	591	TVU	0	0	0	0	67	27.2	2373	104	50	223	0.481	0.224	0.466	7.4	23.77
259	40.7500	116.3258	-111.8	589	TVU	0	0	0	0	74	27.1	2361	60	128	172	2.133	0.744	0.349	7.5	23.77
260	40.7500	116.3258	-111.5	575	TVU	0	0	0	0	71	27.0	2433	97	95	158	0.979	0.601	0.614	7.5	23.77
261	40.7500	116.3258	-111.2	576	TVU	0	0	0	0	77	27.0	2412	72	158	126	2.194	1.254	0.571	7.6	23.77
262	40.7500	116.3258	-111.0	577	TVU	0	0	0	0	68	27.0	2444	71	147	157	2.070	0.936	0.452	7.6	23.78
263	40.7500	116.3258	-109.3	563	TVU	0	0	0	0	74	26.8	2379	78	60	197	0.769	0.305	0.396	7.6	23.78
264	40.7500	116.3258	-107.6	564	TVU	0	0	0	0	73	26.8	2348	60	143	142	2.383	1.007	0.423	7.6	23.78
265	40.7500	116.3258	-107.3	567	TVU	0	0	0	0	76	26.9	2394	86	135	165	1.570	0.818	0.521	7.6	23.78
266	40.7500	116.3258	-107.4	555	TVU	0	0	0	0	80	26.7	2182	44	140	176	3.182	0.795	0.250	7.6	23.79
267	40.7500	116.3258	-105.7	544	TVU	0	0	0	0	89	26.6	2238	87	188	93	2.161	2.022	0.935	7.7	23.79
268	40.7500	116.3258	-105.5	540	TVU	0	0	0	0	72	26.5	2320	95	176	126	1.853	1.397	0.754	7.8	23.80
269	40.7500	116.3258	-102.1	526	TVU	0	0	0	0	73	26.4	2223	73	56	193	0.767	0.290	0.378	7.8	23.80
270	40.7500	116.3258	-101.8	509	TVU	0	0	0	0	77	26.1	2263	86	78	155	0.907	0.503	0.555	7.8	23.80
271	40.7500	116.3258	-101.8	501	TVU	0	0	0	0	75	26.0	2310	75	113	182	1.507	0.621	0.412	7.9	23.80
272	40.7500	116.3258	-103.8	499	TVU	0	0	0	0	80	22.7	2297	70	156	173	2.229	0.902	0.405	7.9	23.80
273	40.7500	116.3258	-109.1	497	TVU	0	0	0	0	76	22.6	2380	97	157	82	1.619	1.915	1.183	7.9	23.79
274	40.7500	116.3258	-115.1	495	TVU	0	0	0	0	73	22.6	2490	79	123	197	1.557	0.624	0.401	8.0	23.79
275	40.7500	116.3258	-122.6	493	TVU	0	0	0	0	83	22.6	2531	98	139	185	1.418	0.751	0.530	8.0	23.80
276	40.7500	116.3258	-128.1	492	TVU	0	0	0	0	63	22.6	2462	87	202	153	2.322	1.320	0.569	8.0	23.80
277	40.7500	116.3258	-131.7	487	TVU	0	0	0	0	68	22.5	2412	57	255	185	4.474	1.378	0.308	8.1	23.80
278	40.7500	116.3259	-136.4	487	TVU	0	0	0	0	74	22.5	2602	84	184	186	2.190	0.989	0.452	8.1	23.79
279	40.7500	116.3259	-135.4	488	TVU	0	0	0	0	85	22.5	2573	77	129	266	1.675	0.485	0.289	8.2	23.80
280	40.7500	116.3259	-133.2	479	TVU	0	0	0	0	80	22.4	2474	99	146	135	1.475	1.081	0.733	8.3	23.79
281	40.7500	116.3259	-124.3	474	TVU	0	0	0	0	73	22.4	2438	77	103	210	1.338	0.490	0.367	8.3	23.78
282	40.7500	116.3259	-122.0	483	TVU	0	0	0	0	78	22.5	2447	98	90	206	0.918	0.437	0.476	8.3	23.78
283	40.7500	116.3259	-119.2	489	TVU	0	0	0	0	82	22.5	2359	54	181	185	3.352	0.978	0.292	8.4	23.78
284	40.7500	116.3259	-117.2	488	TVU	0	0	0	0	71	22.5	2389	80	100	266	1.250	0.376	0.301	8.5	23.78
285	40.7500	116.3259	-118.1	490	TVU	0	0	0	0	74	22.5	2464	67	182	146	2.716	1.247	0.459	8.5	23.78
286	40.7500	116.3259	-119.2	490	TVU	0	0	0	0	80	22.6	2521	64	184	166	2.875	1.108	0.386	8.5	23.77
287	40.7500	116.3259	-121.6	490	TVU	0	0	0	0	74	22.5	2521	86	129	175	1.500	0.737	0.491	8.5	23.77
288	40.7500	116.3259	-119.9	491	TVU	0	0	0	0	67	22.6	2436	87	108	251	1.241	0.430	0.347	8.5	23.77
289	40.7500	116.3259	-117.9	495	TVU	0	0	0	0	75	22.6	2525	65	157	195	2.415	0.805	0.333	8.5	23.76
290	40.7500	116.3259	-115.1	494	TVU	0	0	0	0	76	22.6	2568	68	98	195	1.441	0.503	0.349	8.5	23.76
291	40.7500	116.3259	-112.9	492	TVU	0	0	0	0	71	29.6	2404	78	98	175	1.256	0.560	0.446	8.5	23.76
292	40.7500	116.3259	-109.7	489	TVU	0	0	0	0	73	29.5	2326	74	121	130	1.635	0.931	0.569	8.5	23.77
293	40.7500	116.3259	-107.6	490	TVU	0	0	0	0	69	29.5	2311	72	160	130	2.222	1.231	0.554	8.5	23.77
294	40.7500	116.3259	-108.6	495	TVU	0	0	0	0	75	29.6	2536	74	112	182	1.514	0.615	0.407	8.6	23.76
295	40.7500	116.3259	-110.4	497	TVU	0	0	0	0	76	29.6	2364	67	142	141	2.119	1.007	0.475	8.5	23.76
296	40.7500	116.3259	-112.6	496	TVU	0	0	0	0	77	29.6	2417	88	195	112	2.216	1.741	0.786	8.5	23.77
297	40.7500	116.3259	-116.1	496	TVU	0	0	0	0	80	29.6	2433	88	64	186	0.727	0.344	0.473	8.6	23.77
298	40.7500	116.3259	-121.9	494	TVU	0	0	0	0	74	29.6	2398	76	79	170	1.039	0.465	0.447	8.5	23.77
299	40.7500	116.3259	-128.1	495	TVU	0	0	0	0	85	29.6	2291	85	62	193	0.729	0.321	0.440	8.5	23.77
300	40.7500	116.3259	-133.8	497	TVU	0	0	0	0	71	29.6	2360	78	133	159	1.705	0.836	0.491	8.5	23.77
301	40.7500	116.3259	-139.8	498	TVU	0	0	0	0	85	29.7	2424	69	93	190	1.348	0.489	0.363	8.5	23.77
302	40.7500	116.3259	-141.8	497	TVU	0	0	0	0	70	29.6	2305	80	66	196	0.825	0.337	0.408	8.6	23.77
303	40.7500	116.3259	-143.3	498	TVU	0	0	0	0	77	29.6	2358	86	84	163	0.977	0.515	0.528	8.6	23.76
304	40.7500	116.3259	-142.8	498	TVU	0	0	0	0	72	29.6	2337	79	94	200	1.190	0.470	0.395	8.6	23.76
305	40.7500	116.3259	-140.1	495	TVU	0	0	0	0	72	29.6	2354	94	78	175	0.830	0.446	0.537	8.6	23.76
306	40.7500	116.3259	-137.6	493	TVU	0	0	0	0	81	29.6	2231	61	48	221	0.787	0.217	0.276	8.6	23.76

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
307	40.7500	116.3259	-135.1	491	TVU	0	0	0	0	72	29.6	2364	63	91	195	1.444	0.467	0.323	8.6	23.76
308	40.7500	116.3259	-131.4	490	TVU	0	0	0	0	74	29.5	2353	58	104	193	1.793	0.539	0.301	8.6	23.76
309	40.7500	116.3260	-131.4	486	TVU	0	0	1	0	69	29.5	2359	86	21	216	0.244	0.097	0.398	8.6	23.77
310	40.7500	116.3260	-125.5	476	TVU	0	0	0	0	74	33.2	2364	61	188	123	3.082	1.528	0.496	8.6	23.77
311	40.7500	116.3260	-124.6	469	TVU	0	0	0	0	87	33.1	2308	58	114	148	1.966	0.770	0.392	8.6	23.78
312	40.7500	116.3260	-123.8	468	TVU	0	0	0	0	72	33.1	2328	56	128	174	2.286	0.736	0.322	8.6	23.78
313	40.7500	116.3260	-126.1	467	TVU	0	0	0	0	74	33.0	2311	64	111	212	1.734	0.524	0.302	8.6	23.78
314	40.7500	116.3260	-126.6	461	TVU	0	0	0	0	79	32.9	2353	67	69	202	1.030	0.342	0.332	8.6	23.78
315	40.7500	116.3260	-137.2	458	TVU	0	0	0	0	73	32.9	2351	91	82	191	0.901	0.429	0.476	8.7	23.79
316	40.7500	116.3260	-146.7	454	TVU	0	0	0	0	77	32.8	2331	54	73	212	1.352	0.344	0.255	8.7	23.78
317	40.7500	116.3260	-157.5	445	TVU	0	0	0	0	78	32.7	2301	77	105	151	1.364	0.695	0.510	8.8	23.78
318	40.7500	116.3260	-159.1	440	TVU	0	0	0	0	73	32.6	2270	61	160	149	2.623	1.074	0.409	8.8	23.78
319	40.7500	116.3260	-157.4	427	TVU	0	0	0	0	76	32.3	2283	55	105	193	1.909	0.544	0.285	8.8	23.79
320	40.7500	116.3260	-159.5	419	TVU	0	0	0	0	69	32.2	2302	63	149	157	2.365	0.949	0.401	8.9	23.78
321	40.7500	116.3260	-163.5	412	TVU	0	0	0	0	74	32.1	2183	68	83	188	1.221	0.441	0.362	8.9	23.78
322	40.7500	116.3260	-170.6	405	TVU	0	0	0	0	76	31.9	2223	45	129	215	2.867	0.600	0.209	8.9	23.78
323	40.7500	116.3260	-172.9	395	TVU	0	0	0	0	80	31.8	2206	58	171	147	2.948	1.163	0.395	9.0	23.78
324	40.7500	116.3260	-176.3	378	TVU	0	0	0	0	74	31.4	2226	98	57	146	0.582	0.390	0.671	9.0	23.78
325	40.7500	116.3260	-180.5	358	TVU	0	0	0	0	80	31.0	2234	55	131	170	2.382	0.771	0.324	9.0	23.78
326	40.7500	116.3260	-185.4	365	TVU	0	0	0	0	83	31.2	2316	67	91	193	1.358	0.472	0.347	9.0	23.78
327	40.7500	116.3260	-189.4	371	TVU	0	0	0	0	78	31.3	2321	68	127	198	1.868	0.641	0.343	9.1	23.77
328	40.7500	116.3260	-189.3	374	TVU	0	0	0	0	81	31.3	2250	79	104	170	1.316	0.612	0.465	9.1	23.77
329	40.7500	116.3260	-182.0	382	TVU	0	0	0	0	76	35.5	2367	82	124	186	1.512	0.667	0.441	9.1	23.77
330	40.7500	116.3260	-173.7	390	TVU	0	0	0	0	70	35.7	2396	83	138	153	1.663	0.902	0.542	9.1	23.76
331	40.7500	116.3260	-166.1	398	TVU	0	0	0	0	71	35.8	2456	61	98	258	1.607	0.380	0.236	9.1	23.75
332	40.7500	116.3260	-157.1	403	TVU	0	0	0	0	67	36.0	2430	87	76	204	0.874	0.373	0.426	9.1	23.75
333	40.7500	116.3260	-150.0	413	TVU	0	0	0	0	70	36.1	2489	81	89	209	1.099	0.426	0.388	9.1	23.74
334	40.7500	116.3260	-145.8	411	TVU	0	0	0	0	78	36.1	2432	56	167	186	2.982	0.898	0.301	9.1	23.74
335	40.7500	116.3260	-144.1	405	TVU	0	0	0	0	82	36.0	2303	48	138	194	2.875	0.711	0.247	9.1	23.74
336	40.7500	116.3260	-140.6	401	TVU	0	0	0	0	74	35.9	2330	63	103	226	1.635	0.456	0.279	9.2	23.74
337	40.7500	116.3260	-137.7	396	TVU	0	0	0	0	72	35.8	2234	73	84	191	1.151	0.440	0.382	9.2	23.73
338	40.7500	116.3260	-134.4	399	TVU	0	0	0	0	84	35.9	2243	57	96	215	1.684	0.447	0.265	9.2	23.72
339	40.7500	116.3260	-130.8	402	TVU	0	0	0	0	75	35.9	2299	70	35	230	0.500	0.152	0.304	9.2	23.72
340	40.7500	116.3260	-124.9	399	TVU	0	0	0	0	83	35.9	2328	86	62	170	0.721	0.365	0.506	9.2	23.71
341	40.7500	116.3260	-116.9	390	TVU	0	0	1	0	76	35.7	2386	67	29	265	0.433	0.109	0.253	9.3	23.70
342	40.7500	116.3260	-109.2	391	TVU	0	0	0	0	82	35.7	2398	55	93	251	1.691	0.371	0.219	9.3	23.70
343	40.7500	116.3260	-99.5	387	TVU	0	0	0	0	78	35.6	2407	64	106	194	1.656	0.546	0.330	9.3	23.69
344	40.7500	116.3260	-92.3	376	TVU	0	0	0	0	72	35.4	2401	96	53	214	0.552	0.248	0.449	9.4	23.68
345	40.7500	116.3260	-85.7	365	TVU	0	0	0	0	74	35.1	2408	63	116	237	1.841	0.489	0.266	9.4	23.67
346	40.7500	116.3260	-86.0	360	TVU	0	0	0	0	67	35.0	2414	63	116	214	1.841	0.542	0.294	9.4	23.66
347	40.7500	116.3260	-93.5	355	TVU	0	0	0	0	74	34.9	2452	74	111	216	1.500	0.514	0.343	9.5	23.65
348	40.7500	116.3260	-100.3	351	TVU	0	0	0	0	86	31.4	2366	75	114	223	1.520	0.511	0.336	9.5	23.65
349	40.7500	116.3260	-103.6	348	TVU	0	0	0	0	77	31.4	2394	70	145	224	2.071	0.647	0.313	9.5	23.64
350	40.7500	116.3260	-101.5	353	TVU	0	0	0	0	77	31.5	2373	85	37	210	0.435	0.176	0.405	9.6	23.63
351	40.7500	116.3260	-89.5	358	TVU	0	0	0	0	66	31.6	2536	89	154	204	1.730	0.755	0.436	9.6	23.62
352	40.7500	116.3260	-55.8	353	TVU	0	0	0	0	79	31.5	2460	71	118	243	1.662	0.486	0.292	9.7	23.62
353	40.7500	116.3260	-35.1	336	TVU	0	0	0	0	76	31.1	2505	48	178	270	3.708	0.659	0.178	9.7	23.61
354	40.7500	116.3260	-15.8	316	TVU	0	0	0	0	78	30.7	2694	75	168	259	2.240	0.649	0.290	9.7	23.61
355	40.7500	116.3261	-5.0	299	TVU	0	0	0	0	80	30.4	2505	91	73	246	0.802	0.297	0.370	9.8	23.59
356	40.7500	116.3261	-5.5	290	TVU	0	0	0	0	80	30.2	2539	93	110	239	1.183	0.460	0.389	9.8	23.58
357	40.7500	116.3261	-19.6	283	TVU	0	0	0	0	86	30.0	2593	100	71	269	0.710	0.264	0.372	9.8	23.58
358	40.7500	116.3261	-49.8	264	TVU	0	0	0	0	79	29.6	2435	75	199	234	2.653	0.850	0.321	9.8	23.57
359	40.7500	116.3261	-90.0	260	TVU	0	0	0	0	74	29.5	2407	83	50	293	0.602	0.171	0.283	9.8	23.55
360	40.7500	116.3261	-118.8	261	TVU	0	0	0	0	68	29.5	2596	60	218	239	3.633	0.912	0.251	9.8	23.54

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	CC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
361	40.7500	116.3261	-131.0	265	TVU	0	0	0	0	78	29.6	2480	78	146	244	1.872	0.598	0.320	9.8	23.54
362	40.7500	116.3261	-139.6	282	TVU	0	0	0	0	79	30.0	2531	74	156	263	2.108	0.593	0.281	9.9	23.54
363	40.7500	116.3261	-144.7	306	TVU	0	0	0	0	76	30.5	2544	81	123	252	1.519	0.488	0.321	9.9	23.53
364	40.7500	116.3261	-139.9	330	TVU	0	0	0	0	84	31.0	2783	95	93	287	0.979	0.32[illegible]	0.331	10.0	23.52
365	40.7500	116.3261	-130.1	344	TVU	0	0	0	0	76	31.3	2791	90	36	282	0.400	0.128	0.319	10.0	23.52
366	40.7500	116.3261	-123.6	338	TVU	0	0	0	0	82	31.2	2746	78	122	275	1.564	0.444	0.284	9.9	23.52
367	40.7500	116.3261	-117.7	335	TVU	0	0	0	0	70	23.0	2825	113	144	232	1.274	0.621	0.487	9.9	23.53
368	40.7500	116.3261	-120.6	341	TVU	0	0	0	0	85	23.0	2739	107	47	287	0.439	0.164	0.373	9.9	23.53
369	40.7500	116.3261	-126.7	356	TVU	0	0	0	0	71	23.3	2943	107	153	245	1.430	0.624	0.437	9.9	23.53
370	40.7500	116.3261	-130.8	375	TVU	0	0	0	0	73	23.6	3013	96	104	321	1.083	0.324	0.299	9.9	23.52
371	40.7500	116.3261	-132.9	362	TVU	0	0	0	0	70	23.4	2906	109	156	263	1.431	0.593	0.414	9.8	23.52
372	40.7500	116.3261	-126.3	346	TVU	0	0	1	0	76	23.1	2731	102	6	350	0.059	0.017	0.291	9.8	23.52
373	40.7500	116.3261	-120.4	331	TVU	0	0	0	0	73	22.9	2804	90	146	273	1.622	0.535	0.330	9.8	23.52
374	40.7500	116.3261	-117.2	326	TVU	0	0	0	0	78	22.8	2753	85	161	217	1.894	0.742	0.392	9.8	23.52
375	40.7500	116.3261	-118.1	315	TVU	0	0	0	0	80	22.6	2766	82	132	257	1.610	0.514	0.319	9.7	23.52
376	40.7500	116.3261	-120.2	299	TVU	0	0	0	0	87	22.4	2649	79	128	233	1.620	0.549	0.339	9.8	23.52
377	40.7500	116.3261	-120.6	278	TVU	0	0	0	0	73	22.1	2544	96	118	182	1.229	0.648	0.527	9.8	23.52
378	40.7500	116.3261	-124.5	260	TVU	0	0	0	0	83	21.8	2516	65	175	216	2.692	0.810	0.301	9.9	23.52
379	40.7500	116.3261	-130.0	260	TVU	0	0	0	0	71	21.8	2504	75	133	229	1.773	0.581	0.328	9.8	23.52
380	40.7500	116.3261	-149.7	265	TVU	0	0	0	0	82	21.9	2437	63	159	211	2.524	0.754	0.299	9.8	23.52
381	40.7500	116.3261	-170.1	276	TVU	0	0	0	0	76	22.0	2505	80	73	263	0.913	0.278	0.304	9.8	23.51
382	40.7500	116.3261	-182.5	288	TVU	0	0	0	0	79	22.2	2474	68	158	207	2.324	0.763	0.329	9.8	23.51
383	40.7500	116.3261	-185.7	299	TVU	0	0	0	0	76	22.4	2426	71	141	247	1.986	0.571	0.287	9.8	23.52
384	40.7500	116.3261	-181.7	304	TVU	0	0	0	0	76	22.5	2521	82	168	199	2.049	0.844	0.412	9.8	23.52
385	40.7500	116.3261	-178.3	314	TVU	0	0	0	0	72	22.6	2533	87	113	235	1.299	0.481	0.370	9.8	23.51
386	40.7500	116.3261	-175.9	332	TVU	0	0	0	0	81	17.1	2783	76	141	272	1.855	0.518	0.279	9.8	23.51
387	40.7500	116.3261	-169.8	353	TVU	0	0	0	0	82	17.3	2720	66	210	273	3.182	0.769	0.242	9.8	23.51
388	40.7500	116.3261	-136.8	372	TVU	0	0	0	0	77	17.5	2969	105	179	266	1.705	0.673	0.395	9.8	23.51
389	40.7500	116.3261	-125.5	386	TVU	0	0	0	0	76	17.7	2795	77	117	304	1.519	0.385	0.253	9.8	23.51
390	40.7500	116.3261	-120.6	401	TVU	0	0	0	0	87	17.8	2787	80	146	271	1.825	0.539	0.295	9.8	23.50
391	40.7500	116.3261	-117.2	419	TVU	0	0	0	0	83	18.0	2885	85	150	298	1.765	0.503	0.285	9.8	23.50
392	40.7500	116.3261	-115.6	427	TVU	0	0	0	0	80	18.1	2863	84	153	263	1.821	0.582	0.319	9.8	23.50
393	40.7500	116.3261	-112.6	428	TVU	0	0	0	0	81	18.1	2833	88	143	249	1.625	0.574	0.353	9.7	23.50
394	40.7500	116.3261	-110.3	433	TVU	0	0	0	0	76	18.2	2825	73	159	255	2.178	0.624	0.286	9.7	23.51
395	40.7500	116.3261	-107.9	426	TVU	0	0	0	0	77	18.1	2850	61	217	238	3.557	0.912	0.256	9.6	23.51
396	40.7500	116.3261	-108.7	414	TVU	0	0	0	0	91	18.0	2822	104	113	254	1.087	0.445	0.409	9.6	23.51
397	40.7500	116.3261	-108.6	400	TVU	0	0	0	0	80	17.8	2817	85	174	217	2.047	0.802	0.392	9.6	23.51
398	40.7500	116.3261	-113.2	384	TVU	0	0	0	0	76	17.7	2675	82	161	213	1.963	0.756	0.385	9.5	23.51
399	40.7500	116.3261	-119.0	377	TVU	0	0	0	0	79	17.6	2698	74	113	301	1.595	0.393	0.246	9.5	23.52
400	40.7500	116.3261	-143.1	372	TVU	0	0	0	0	80	17.5	2772	87	117	254	1.345	0.461	0.343	9.5	23.52
401	40.7500	116.3261	-158.1	369	TVU	0	0	0	0	79	17.5	2692	110	54	267	0.491	0.202	0.412	9.5	23.53
402	40.7500	116.3261	-172.6	374	TVU	0	0	0	0	78	17.6	2723	100	128	232	1.280	0.552	0.431	9.4	23.53
403	40.7500	116.3261	-183.3	376	TVU	0	0	0	0	85	17.6	2662	85	150	229	1.765	0.655	0.371	9.4	23.53
404	40.7500	116.3261	-191.3	380	TVU	0	0	0	0	74	17.6	2637	91	72	294	0.791	0.245	0.310	9.4	23.53
405	40.7500	116.3261	-192.2	393	TVU	0	0	0	0	75	20.0	2665	62	172	218	2.774	0.789	0.284	9.4	23.54
406	40.7500	116.3261	-192.6	403	TVU	0	0	0	0	78	20.1	2615	84	152	225	1.810	0.676	0.373	9.4	23.54
407	40.7500	116.3261	-192.6	400	TVU	0	0	0	0	84	20.1	2742	74	155	237	2.095	0.654	0.312	9.4	23.54
408	40.7500	116.3261	-190.1	396	TVU	0	0	0	0	78	20.1	2590	84	167	174	1.988	0.960	0.483	9.4	23.53
409	40.7500	116.3261	-190.1	397	TVU	0	0	0	0	82	20.1	2427	64	160	232	2.500	0.690	0.276	9.4	23.53
410	40.7500	116.3261	-189.1	402	TVU	0	0	0	0	80	20.1	2548	80	161	198	2.012	0.813	0.404	9.4	23.53
411	40.7500	116.3261	-189.5	408	TVU	0	0	0	0	88	20.2	2540	82	84	207	1.024	0.406	0.396	9.5	23.53
412	40.7500	116.3261	-183.4	425	TVU	0	0	0	0	78	20.4	2670	79	161	226	2.038	0.712	0.350	9.5	23.53
413	40.7500	116.3261	-175.7	446	TVU	0	0	0	0	74	20.6	2674	80	146	246	1.825	0.593	0.325	9.5	23.52
414	40.7500	116.3261	-164.2	447	TVU	0	0	0	0	79	20.6	2667	66	87	263	1.318	0.331	0.251	9.5	23.52

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
415	40.7500	116.3261	-151.7	419	TVU	0	0	0	0	71	20.3	2697	97	94	249	0.969	0.378	0.390	9.4	23.51
416	40.7500	116.3261	-138.7	383	TVU	0	0	0	0	78	19.9	2596	78	118	283	1.513	0.417	0.276	9.4	23.52
417	40.7500	116.3261	-131.7	357	TVU	0	0	0	0	71	19.6	2500	82	147	210	1.793	0.700	0.390	9.5	23.51
419	40.7500	116.3261	-127.9	331	TVU	0	0	0	0	80	19.2	2581	95	86	230	0.905	0.374	0.413	9.4	23.49
420	40.7500	116.3261	-145.1	342	TVU	0	0	0	0	74	19.4	2687	70	180	240	2.571	0.750	0.292	9.4	23.48
421	40.7500	116.3261	-175.1	366	TVU	0	0	0	0	85	19.7	2653	70	119	288	1.700	0.413	0.243	9.4	23.48
422	40.7500	116.3261	-209.8	378	TVU	0	0	0	0	83	19.8	2763	88	85	308	0.966	0.276	0.286	9.4	23.48
423	40.7500	116.3261	-241.1	392	TVU	0	0	0	0	76	20.0	2692	98	96	259	0.980	0.371	0.378	9.4	23.49
424	40.7500	116.3261	-299.7	422	TVU	0	0	0	0	85	20.4	2688	75	207	216	2.760	0.958	0.347	9.5	23.49
425	40.7500	116.3262	-322.2	483	TVU	0	0	0	0	82	16.9	2874	82	188	255	2.293	0.737	0.322	9.5	23.49
426	40.7500	116.3262	-339.6	518	TVU	0	0	0	0	72	17.2	2881	59	211	270	3.578	0.781	0.219	9.6	23.50
427	40.7500	116.3262	-351.2	569	TVU	0	0	0	0	79	17.6	3004	100	149	239	1.490	0.623	0.418	9.6	23.51
428	40.7500	116.3262	-359.6	614	TVU	0	0	0	0	81	17.9	2880	74	182	241	2.459	0.755	0.307	9.5	23.52
429	40.7500	116.3262	-363.5	678	TVU	0	0	0	0	78	18.4	3026	77	187	266	2.429	0.703	0.289	9.5	23.53
430	40.7500	116.3262	-365.5	741	TVU	1	0	0	0	82	18.8	2971	104	109	345	1.048	0.316	0.301	9.5	23.54
431	40.7500	116.3262	-360.1	823	TVU	1	0	0	0	78	19.3	2819	98	165	250	1.684	0.660	0.392	9.5	23.56
432	40.7500	116.3262	-348.0	890	TVU	1	0	0	0	76	19.7	3158	96	225	254	2.344	0.886	0.378	9.5	23.56
433	40.7500	116.3262	-331.5	924	TVU	1	0	0	0	79	19.9	3071	85	159	287	1.871	0.554	0.296	9.4	23.56
434	40.7500	116.3262	-316.0	952	TVU	1	0	0	0	78	20.0	2978	83	172	294	2.072	0.585	0.282	9.5	23.58
435	40.7500	116.3262	-298.8	950	TVU	1	0	0	0	73	20.0	2822	120	117	234	0.975	0.500	0.513	9.5	23.60
436	40.7500	116.3262	-273.3	942	TVU	1	0	0	0	78	20.0	2866	94	122	270	1.298	0.452	0.348	9.5	23.61
437	40.7500	116.3262	-260.4	963	TVU	1	0	0	0	69	20.1	2895	92	74	306	0.804	0.242	0.301	9.6	23.62
438	40.7500	116.3262	-248.5	978	TVU	1	0	0	0	76	20.2	2839	97	54	304	0.557	0.178	0.319	9.6	23.64
439	40.7500	116.3262	-238.4	969	TVU	1	0	0	0	76	20.1	2698	80	118	213	1.475	0.554	0.376	9.6	23.66
440	40.7500	116.3262	-228.3	972	QQA3	1	0	0	0	71	20.1	2736	116	61	284	0.526	0.215	0.408	9.6	23.69
441	40.7500	116.3262	-217.8	975	QQA3	1	0	0	0	79	20.2	2699	83	159	219	1.916	0.726	0.379	9.6	23.72
442	40.7500	116.3262	-209.2	992	QQA3	1	0	0	0	72	20.2	2860	101	38	355	0.376	0.107	0.285	9.6	23.76
443	40.7500	116.3262	-201.0	980	QQA3	1	0	0	0	81	20.2	2800	73	117	285	1.603	0.411	0.256	9.6	23.79
444	40.7500	116.3262	-191.7	955	QQA3	1	0	0	0	68	23.5	2715	104	80	299	0.769	0.268	0.348	9.7	23.82
445	40.7500	116.3262	-184.5	922	QQA3	1	0	0	0	72	23.3	2680	59	178	218	3.017	0.817	0.271	9.7	23.86
446	40.7500	116.3262	-177.6	909	QQA3	1	0	0	0	75	23.2	2657	86	103	296	1.198	0.348	0.291	9.8	23.88
447	40.7500	116.3262	-169.5	889	QQA3	1	0	0	0	67	23.1	2699	79	205	166	2.595	1.235	0.476	9.9	23.90
448	40.7500	116.3262	-165.8	880	QQA3	1	0	0	0	70	23.0	2686	76	139	284	1.829	0.489	0.268	9.9	23.94
449	40.7500	116.3262	-163.1	873	QQA3	1	0	1	0	72	23.0	2812	136	-3	300	-0.022	-0.010	0.453	9.9	23.96
450	40.7500	116.3262	-162.6	873	QQA3	1	0	0	0	72	23.0	2785	83	137	246	1.651	0.557	0.337	9.9	23.98
451	40.7500	116.3262	-161.2	871	QQA3	1	0	0	0	74	23.0	2665	63	69	290	1.095	0.238	0.217	9.9	24.00
452	40.7500	116.3262	-159.8	854	QQA3	1	0	0	0	75	22.9	2615	113	39	293	0.345	0.133	0.386	9.9	24.02
453	40.7500	116.3262	-158.9	841	QQA3	1	0	0	0	75	22.8	2425	58	169	161	2.914	1.050	0.360	9.9	24.04
454	40.7500	116.3262	-159.7	860	QQA3	1	0	0	0	72	22.9	2433	89	103	225	1.157	0.458	0.396	9.9	24.06
455	40.7500	116.3262	-161.3	854	QQA3	1	0	0	0	75	22.9	2330	85	114	169	1.341	0.675	0.503	9.9	24.07
457	40.7500	116.3262	-163.3	822	QQA3	1	0	0	0	68	22.6	2327	62	86	230	1.387	0.374	0.270	10.0	24.11
458	40.7500	116.3262	-163.3	794	QQA3	1	0	0	0	75	22.4	2325	86	48	187	0.558	0.257	0.460	9.9	24.13
459	40.7500	116.3262	-165.4	780	QQA3	1	0	0	0	69	22.3	2275	51	97	200	1.902	0.485	0.255	9.9	24.14
460	40.7500	116.3262	-167.6	757	QQA3	1	0	1	0	73	22.2	2271	75	23	232	0.307	0.099	0.323	9.9	24.16
461	40.7500	116.3262	-168.3	735	QQA3	1	0	0	0	82	22.0	2219	48	114	179	2.375	0.637	0.268	9.9	24.17
462	40.7500	116.3262	-170.0	715	QQA3	1	0	0	0	74	21.9	2283	52	89	212	1.712	0.420	0.245	9.9	24.18
463	40.7500	116.3262	-172.3	704	QQA3	1	0	0	0	65	21.8	2196	46	111	208	2.413	0.534	0.221	9.9	24.19
464	40.7500	116.3262	-172.7	690	QQA3	0	0	0	0	74	28.2	2342	63	94	134	1.492	0.701	0.470	9.9	24.21
465	40.7500	116.3262	-176.6	668	QQA3	0	0	0	0	64	28.0	2252	61	50	263	0.820	0.190	0.232	9.8	24.22
466	40.7500	116.3262	-178.4	667	QQA3	0	0	0	0	71	28.0	2378	44	119	213	2.705	0.559	0.207	9.8	24.23
467	40.7500	116.3262	-184.9	666	QQA3	0	0	0	0	66	28.0	2170	78	144	111	1.846	1.297	0.703	9.8	24.24
468	40.7500	116.3262	-187.5	673	QQA3	0	0	0	0	65	28.0	2249	63	153	141	2.429	1.085	0.447	9.8	24.24
469	40.7500	116.3262	-189.9	656	QQA3	0	0	0	0	73	27.8	2142	51	71	176	1.392	0.403	0.290	9.8	24.24
470	40.7500	116.3263	-193.1	641	QQA3	0	0	0	0	63	27.7	2117	49	149	101	3.041	1.475	0.485	9.8	24.25

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
471	40.7500	116.3263	-196.4	630	QQA3	0	0	0	0	65	27.6	2116	72	48	199	0.667	0.241	0.362	9.8	24.26
472	40.7500	116.3263	-199.4	629	QQA3	0	0	0	0	69	27.5	2207	64	142	112	2.219	1.268	0.571	9.8	24.27
473	40.7500	116.3263	-200.8	609	QQA3	0	0	0	0	75	27.3	2105	43	116	167	2.698	0.695	0.257	9.9	24.27
474	40.7500	116.3263	-203.8	609	QQA3	0	0	0	0	76	27.3	2164	46	112	170	2.435	0.659	0.271	9.9	24.28
475	40.7500	116.3263	-204.4	596	QQA3	0	0	0	0	69	27.2	2155	49	143	121	2.918	1.182	0.405	9.9	24.30
476	40.7500	116.3263	-202.9	573	QQA3	0	0	0	0	71	26.9	2240	43	129	186	3.000	0.694	0.231	9.9	24.31
477	40.7500	116.3263	-201.2	558	QQA3	0	0	0	0	62	26.7	2147	50	126	161	2.520	0.783	0.311	9.9	24.33
478	40.7500	116.3263	-199.4	544	QQA3	0	0	0	0	65	26.5	2160	72	121	119	1.681	1.017	0.605	9.9	24.35
479	40.7500	116.3263	-197.8	529	QQA3	0	0	0	0	73	26.4	2160	49	81	174	1.653	0.466	0.282	10.0	24.37
480	40.7500	116.3263	-190.9	517	QQA3	0	0	0	0	71	26.2	2152	24	210	143	8.750	1.469	0.168	10.0	24.38
481	40.7500	116.3263	-187.0	499	QQA3	0	0	0	0	64	26.0	2216	58	116	200	2.000	0.580	0.290	10.0	24.38
482	40.7500	116.3263	-182.8	497	QQA3	0	0	0	0	67	26.0	2138	72	95	143	1.319	0.664	0.503	10.1	24.39
484	40.7500	116.3263	-168.0	492	QQA3	0	0	0	0	65	31.3	2335	62	74	205	1.194	0.361	0.302	10.1	24.42
485	40.7500	116.3263	-163.1	486	QA2	0	0	0	0	65	31.2	2270	38	136	255	3.579	0.533	0.149	10.2	24.44
486	40.7500	116.3263	-160.4	481	QA2	0	0	0	0	67	31.1	2217	50	87	204	1.740	0.426	0.245	10.2	24.44
487	40.7500	116.3263	-159.2	472	QA2	0	0	0	0	67	31.0	2320	62	81	235	1.306	0.345	0.264	10.2	24.45
488	40.7500	116.3263	-157.0	464	QA2	0	0	0	0	61	30.8	2212	49	151	176	3.082	0.858	0.278	10.2	24.46
489	40.7500	116.3263	-158.3	460	QA2	0	0	0	0	68	30.8	2224	50	111	208	2.220	0.534	0.240	10.2	24.46
490	40.7500	116.3263	-158.9	452	QA2	0	0	0	0	6[illegible]	30.6	2069	69	54	159	0.783	0.340	0.434	10.3	24.47
491	40.7500	116.3263	-160.5	442	QA2	0	0	0	0	[illegible]	30.5	2134	40	160	152	4.000	1.053	0.263	10.3	24.48
492	40.7500	116.3263	-164.8	434	QA2	0	0	0	0	[illegible]	30.3	2086	45	103	199	2.289	0.518	0.226	10.3	24.49
493	40.7500	116.3263	-166.9	418	QA2	0	0	0	0	6[illegible]	30.1	2094	62	80	232	1.290	0.345	0.267	10.4	24.49
495	40.7500	116.3263	-184.8	400	QA2	0	0	0	0	72	29.7	2112	59	128	151	2.169	0.848	0.391	10.4	24.51
496	40.7500	116.3263	-191.9	390	QA2	0	0	0	0	57	29.6	2224	67	86	189	1.284	0.455	0.354	10.5	24.53
497	40.7500	116.3263	-201.2	384	QA2	0	0	0	0	68	29.5	2247	63	113	213	1.794	0.531	0.296	10.4	24.54
498	40.7500	116.3263	-207.0	377	QA2	0	0	0	0	66	29.3	2185	53	102	188	1.925	0.543	0.282	10.4	24.54
499	40.7500	116.3263	-217.6	368	QA2	0	0	0	0	64	29.2	2196	66	63	219	0.955	0.288	0.301	10.3	24.55
500	40.7500	116.3263	-227.3	365	QA2	0	0	0	0	65	29.1	2179	48	106	197	2.208	0.538	0.244	10.4	24.55
501	40.7500	116.3263	-235.9	358	QA2	0	0	0	0	53	29.0	1985	47	156	148	3.319	1.054	0.318	10.3	24.55
503	40.7500	116.3263	-251.7	349	QA2	0	0	0	0	64	28.8	2026	49	88	192	1.796	0.458	0.255	10.4	24.56
504	40.7500	116.3263	-256.8	342	QA2	0	0	0	0	65	28.7	2033	43	115	193	2.674	0.596	0.223	10.4	24.57
505	40.7500	116.3263	-259.1	331	QA2	0	0	0	0	72	29.4	2059	35	144	160	4.114	0.900	0.219	10.5	24.58
506	40.7500	116.3263	-263.0	322	QA2	0	0	0	0	65	29.2	2072	43	169	157	3.930	1.076	0.274	10.4	24.59
507	40.7500	116.3263	-265.3	310	QA2	0	0	0	0	65	29.0	2003	45	59	230	1.311	0.257	0.196	10.5	24.59
508	40.7500	116.3263	-263.4	302	QA2	0	0	0	0	77	28.8	1912	49	64	193	1.306	0.332	0.254	10.5	24.60
509	40.7500	116.3264	-261.4	295	QA2	0	0	0	0	60	28.7	1919	46	88	238	1.913	0.370	0.193	10.5	24.61
510	40.7500	116.3264	-259.7	289	QA2	0	0	0	0	69	28.5	1846	39	97	184	2.487	0.527	0.212	10.5	24.62
511	40.7500	116.3264	-252.8	284	QA2	0	0	0	0	65	28.5	1788	40	137	160	3.425	0.856	0.250	10.4	24.62
512	40.7500	116.3264	-250.3	285	QA2	0	0	0	0	61	28.5	1877	35	113	188	3.229	0.601	0.186	10.4	24.62
513	40.7500	116.3264	-243.5	289	QA2	0	0	0	0	64	28.6	1930	39	174	147	4.579	1.184	0.259	10.5	24.62
514	40.7500	116.3264	-239.2	291	QA2	0	0	0	0	68	28.6	1947	48	70	193	1.458	0.363	0.249	10.5	24.62
515	40.7500	116.3264	-233.9	293	QA2	0	0	0	0	58	28.6	1739	44	100	136	2.273	0.735	0.324	10.5	24.62
516	40.7500	116.3264	-229.2	290	QA2	0	0	0	0	68	28.6	1743	39	116	168	2.974	0.690	0.232	10.5	24.62
517	40.7500	116.3264	-224.7	286	QA2	0	0	0	0	63	28.5	1691	28	124	127	4.429	0.976	0.220	10.5	24.62
518	40.7500	116.3264	-219.7	286	QA2	0	0	0	0	65	28.5	1664	39	36	205	0.923	0.176	0.190	10.6	24.62
519	40.7500	116.3264	-214.8	284	QA2	0	0	0	0	64	28.5	1669	46	48	191	1.043	0.251	0.241	10.7	24.62
520	40.7500	116.3264	-211.8	279	QA2	0	0	0	0	73	28.4	1722	48	72	154	1.500	0.468	0.312	10.8	24.63
522	40.7500	116.3264	-208.3	277	QA2	0	0	0	0	61	28.3	1760	50	59	161	1.180	0.366	0.311	10.8	24.63
523	40.7500	116.3264	-207.1	272	QA2	0	0	0	0	64	28.2	1691	50	49	154	0.980	0.318	0.325	10.8	24.64
524	40.7500	116.3264	-206.4	269	QA2	0	0	0	0	60	28.1	1626	37	85	160	2.297	0.531	0.231	10.8	24.64
525	40.7500	116.3264	-205.9	270	QA2	0	0	0	0	67	20.4	1760	45	76	166	1.689	0.458	0.271	10.9	24.64
526	40.7500	116.3264	-204.9	269	QA2	0	0	0	0	75	20.4	1625	39	99	145	2.538	0.683	0.269	10.9	24.64
527	40.7500	116.3264	-204.9	269	QA2	0	0	0	0	63	20.4	1721	45	65	164	1.444	0.396	0.274	10.9	24.64
528	40.7500	116.3264	-204.1	266	QA2	0	0	0	0	66	20.4	1658	25	163	115	6.520	1.417	0.217	10.9	24.64

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
529	40.7500	116.3264	-204.9	264	QA2	0	0	0	0	63	20.4	1698	37	109	130	2.946	0.838	0.285	11.0	24.64
530	40.7500	116.3264	-202.9	264	QA2	0	0	0	0	69	20.4	1797	36	70	181	1.944	0.387	0.199	11.0	24.65
531	40.7500	116.3264	-206.0	257	QA2	0	0	0	0	65	20.3	1719	29	76	205	2.621	0.371	0.141	10.9	24.65
532	40.7500	116.3264	-207.5	258	QA2	0	0	0	0	69	20.3	1770	31	109	178	3.516	0.612	0.174	10.9	24.65
533	40.7500	116.3264	-204.9	260	QA2	0	0	0	0	68	20.3	1754	39	156	158	4.000	0.987	0.247	10.9	24.65
534	40.7500	116.3264	-206.2	258	QA2	0	0	0	0	70	20.3	1786	36	115	158	3.194	0.728	0.228	10.9	24.64
535	40.7500	116.3264	-209.0	257	QA2	0	0	0	0	61	20.2	1798	42	70	192	1.667	0.365	0.219	11.0	24.65
536	40.7500	116.3264	-209.2	258	QA2	0	0	0	0	58	20.3	1786	38	168	133	4.421	1.263	0.286	10.9	24.65
537	40.7500	116.3264	-209.9	263	QA2	0	0	0	0	58	20.3	1800	39	168	111	4.308	1.514	0.351	10.9	24.65
538	40.7500	116.3264	-209.1	265	QA2	0	0	0	0	63	20.4	1702	46	83	165	1.804	0.503	0.279	10.9	24.64
539	40.7500	116.3264	-210.7	265	QA2	0	0	0	0	65	20.4	1721	45	117	130	2.600	0.900	0.346	10.9	24.64
541	40.7500	116.3264	-208.3	272	QA2	0	0	0	0	66	20.5	1786	37	114	157	3.081	0.726	0.236	11.0	24.64
542	40.7500	116.3264	-209.6	271	QA2	0	0	0	0	70	20.5	1665	33	64	170	1.939	0.376	0.194	10.9	24.64
543	40.7500	116.3264	-210.1	269	QA2	0	0	0	0	54	20.4	1708	42	144	137	3.429	1.051	0.307	10.9	24.64
544	40.7500	116.3264	-211.6	272	QA2	0	0	0	0	70	20.5	1747	45	50	154	1.111	0.325	0.292	11.0	24.64
545	40.7500	116.3264	-211.8	273	QA2	0	0	0	0	58	21.2	1649	50	70	147	1.400	0.476	0.340	10.9	24.64
546	40.7500	116.3264	-212.8	279	QA2	0	0	0	0	63	21.3	1659	56	58	151	1.036	0.384	0.371	10.9	24.64
547	40.7500	116.3264	-215.0	281	QA2	0	0	0	0	62	21.3	1666	48	50	165	1.042	0.303	0.291	10.9	24.64
548	40.7500	116.3264	-216.2	284	QA2	0	0	0	0	66	21.4	1694	37	95	132	2.568	0.720	0.280	10.9	24.63
549	40.7500	116.3265	-217.7	285	QA2	0	0	0	0	63	21.4	1632	47	37	170	0.787	0.218	0.276	10.9	24.64
550	40.7500	116.3265	-220.0	281	QA2	0	0	0	0	63	21.3	1687	37	71	171	1.919	0.415	0.216	10.9	24.64
551	40.7500	116.3265	-222.5	278	QA2	0	0	0	0	65	21.3	1646	41	86	146	2.098	0.589	0.281	10.9	24.64
552	40.7500	116.3265	-223.8	277	QA2	0	0	0	0	67	21.3	1684	30	59	173	1.967	0.341	0.173	10.9	24.65
553	40.7500	116.3265	-228.5	279	QA2	0	0	0	0	74	21.3	1721	36	92	175	2.556	0.526	0.206	11.0	24.65
554	40.7500	116.3265	-230.0	279	QA2	0	0	0	0	65	21.3	1621	45	68	157	1.511	0.433	0.287	10.9	24.64
555	40.7500	116.3265	-236.3	284	QA2	0	0	0	0	63	21.4	1688	43	122	128	2.837	0.953	0.336	11.0	24.64
556	40.7500	116.3265	-238.5	286	QA2	0	0	0	0	72	21.4	1650	46	35	155	0.761	0.226	0.297	10.9	24.64
557	40.7500	116.3265	-240.2	286	QA2	0	0	0	0	64	21.4	1677	41	82	152	2.000	0.539	0.270	10.9	24.64
558	40.7500	116.3265	-244.2	291	QA2	0	0	0	0	57	21.5	1560	41	97	120	2.366	0.808	0.342	10.9	24.64
560	40.7500	116.3265	-249.1	300	QA2	0	0	0	0	59	21.6	1686	35	133	119	3.800	1.118	0.294	10.9	24.63
561	40.7500	116.3265	-251.3	307	QA2	0	0	0	0	65	21.7	1741	23	82	185	3.565	0.443	0.124	10.9	24.62
562	40.7500	116.3265	-254.3	312	QA2	0	0	0	0	70	21.8	1659	42	109	156	2.595	0.699	0.269	10.8	24.61
563	40.7500	116.3265	-253.2	319	QA2	0	0	0	0	68	21.9	1645	46	87	137	1.891	0.635	0.336	10.9	24.62
564	40.7500	116.3265	-253.1	325	QA2	0	0	0	0	66	22.0	1642	30	146	97	4.867	1.505	0.309	11.0	24.61
565	40.7500	116.3265	-254.3	336	QA2	0	0	0	0	71	24.5	1827	33	39	190	1.182	0.205	0.174	11.1	24.60
566	40.7500	116.3265	-255.2	345	QA2	0	0	0	0	68	24.6	1825	31	137	141	4.419	0.951	0.215	11.1	24.60
568	40.7500	116.3265	-254.9	359	QA2	0	0	0	0	63	24.8	1921	50	62	154	1.240	0.403	0.325	11.1	24.58
569	40.7500	116.3265	-255.1	362	QA2	0	0	0	0	65	24.9	1754	38	123	133	3.237	0.925	0.286	11.1	24.58
570	40.7500	116.3265	-254.1	364	QA2	0	0	0	0	68	24.9	1678	31	138	110	4.452	1.255	0.282	11.1	24.58
571	40.7500	116.3265	-254.6	362	QA2	0	0	0	0	55	24.9	1686	35	87	157	2.900	0.554	0.191	11.1	24.58
572	40.7500	116.3265	-254.8	367	QA2	0	0	0	0	65	25.0	1800	26	120	142	4.615	0.845	0.183	11.2	24.58
573	40.7500	116.3265	-255.5	371	QA2	0	0	0	0	71	25.0	1892	54	45	155	0.833	0.290	0.348	11.1	24.58
574	40.7500	116.3265	-254.7	373	QA2	0	0	0	0	59	25.1	1934	39	135	134	3.462	1.007	0.291	11.1	24.58
575	40.7500	116.3265	-253.0	376	QA2	0	0	0	0	68	25.1	1923	48	72	163	1.500	0.442	0.294	11.1	24.57
576	40.7500	116.3265	-252.7	380	QA2	0	0	0	0	74	25.2	2003	49	125	145	2.551	0.862	0.338	11.1	24.57
577	40.7500	116.3265	-251.2	383	QA2	0	0	1	0	74	25.2	1978	53	26	205	0.491	0.127	0.259	11.1	24.57
578	40.7500	116.3265	-252.9	388	QA2	0	0	0	0	64	25.3	2051	45	98	163	2.178	0.601	0.276	11.1	24.57
579	40.7500	116.3265	-251.8	391	QA2	0	0	0	0	72	25.3	2113	49	207	105	4.224	1.971	0.467	11.1	24.56
580	40.7500	116.3265	-250.8	394	QA2	0	0	0	0	68	25.4	2344	52	108	182	2.077	0.593	0.286	11.1	24.56
581	40.7500	116.3265	-250.8	397	QA2	0	0	0	0	68	25.4	2079	53	83	183	1.566	0.454	0.290	11.1	24.56
582	40.7500	116.3265	-249.7	402	QA2	0	0	0	0	65	25.5	2038	32	72	213	2.250	0.338	0.150	11.1	24.56
583	40.7500	116.3265	-249.8	398	QA2	0	0	0	0	62	25.5	2058	36	104	186	2.889	0.559	0.194	11.1	24.56
584	40.7500	116.3265	-250.5	397	QA2	0	0	0	0	70	25.4	1975	39	103	166	2.641	0.620	0.235	11.0	24.56
585	40.7500	116.3265	-248.2	401	QA2	0	0	0	0	66	25.5	2063	43	151	150	3.512	1.007	0.287	11.0	24.56

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
586	40.7500	116.3265	-247.5	401	QA2	0	0	0	0	66	25.5	2023	38	133	158	3.500	0.842	0.241	11.1	24.55
587	40.7500	116.3265	-247.0	403	QA2	0	0	0	0	71	25.5	2130	58	128	171	2.207	0.749	0.339	11.1	24.55
588	40.7500	116.3265	-247.2	405	QA2	0	0	0	0	62	25.6	2071	48	77	219	1.604	0.352	0.219	11.1	24.55
589	40.7500	116.3265	-244.7	402	QA2	0	0	0	0	70	25.5	1949	42	79	167	1.881	0.473	0.251	11.1	24.55
590	40.7500	116.3266	-245.2	405	QA2	0	0	0	0	58	25.6	1940	78	73	160	0.936	0.456	0.488	11.1	24.55
591	40.7500	116.3266	-245.2	408	QA2	0	0	0	0	61	25.6	2112	50	107	177	2.140	0.605	0.282	11.1	24.55
592	40.7500	116.3266	-245.7	411	QA2	0	0	0	0	66	25.7	2012	45	90	194	2.000	0.464	0.232	11.1	24.55
593	40.7500	116.3266	-243.8	419	QA2	0	0	0	0	73	25.8	2064	37	64	225	1.730	0.284	0.164	11.1	24.54
594	40.7500	116.3266	-244.6	423	QA2	0	0	0	0	64	25.9	2069	29	199	160	6.862	1.244	0.181	11.0	24.54
595	40.7500	116.3266	-245.6	422	QA2	0	0	0	0	60	25.8	2182	59	84	193	1.424	0.435	0.306	11.0	24.54
596	40.7500	116.3266	-245.0	424	QA2	0	0	0	0	69	25.9	2048	41	187	136	4.561	1.375	0.301	11.0	24.54
597	40.7500	116.3266	-246.8	426	QA2	0	0	0	0	61	25.9	2175	40	92	229	2.300	0.402	0.175	11.0	24.53
598	40.7500	116.3266	-247.2	433	QA2	0	0	0	0	69	26.0	2208	64	102	194	1.594	0.526	0.330	11.0	24.53
599	40.7500	116.3266	-247.7	435	QA2	0	0	0	0	62	26.0	2288	61	121	212	1.984	0.571	0.288	11.0	24.53
600	40.7500	116.3266	-248.7	439	QA2	0	0	0	0	63	26.1	2181	40	70	241	1.750	0.290	0.166	11.0	24.53
601	40.7500	116.3266	-250.2	438	QA2	0	0	0	0	64	26.1	2254	53	104	230	1.962	0.452	0.230	11.0	24.53
602	40.7500	116.3266	-253.7	438	QA2	0	0	0	0	64	26.1	2179	68	59	193	0.868	0.306	0.352	11.0	24.53
603	40.7500	116.3266	-253.7	437	QA2	0	0	0	0	66	26.0	2227	61	87	211	1.426	0.412	0.289	11.0	24.53
604	40.7500	116.3266	-255.9	440	QA2	0	0	0	0	62	24.9	2186	41	104	238	2.537	0.437	0.172	11.0	24.53
606	40.7500	116.3266	-257.4	439	QA2	0	0	0	0	61	24.9	2190	47	115	182	2.447	0.632	0.258	11.0	24.53
607	40.7500	116.3266	-258.0	433	QA2	0	0	0	0	62	24.8	2214	55	83	208	1.509	0.399	0.264	11.0	24.53
608	40.7500	116.3266	-258.0	430	QA2	0	0	0	0	64	24.8	2260	49	70	227	1.429	0.308	0.216	11.1	24.54
609	40.7500	116.3266	-259.8	428	QA2	0	0	0	0	70	24.8	2131	64	65	213	1.016	0.305	0.300	11.1	24.54
610	40.7500	116.3266	-259.8	427	QA2	0	0	0	0	59	24.8	2275	69	123	206	1.783	0.597	0.335	11.1	24.54
611	40.7500	116.3266	-259.3	423	QA2	0	0	0	0	63	24.7	2145	46	94	223	2.043	0.422	0.206	11.1	24.54
612	40.7500	116.3266	-261.0	425	QA2	0	0	0	0	66	24.7	2195	39	124	208	3.179	0.596	0.188	11.1	24.55
614	40.7500	116.3266	-263.0	427	QA2	0	0	0	0	61	24.8	2241	55	143	222	2.600	0.644	0.248	11.2	24.54
615	40.7500	116.3266	-262.0	429	QA2	0	0	0	0	65	24.8	2211	53	118	220	2.226	0.536	0.241	11.2	24.54
616	40.7500	116.3266	-262.2	435	QA2	0	0	0	0	70	24.9	2214	58	109	200	1.879	0.545	0.290	11.2	24.54
617	40.7500	116.3266	-262.2	438	QA2	0	0	0	0	69	24.9	2234	66	73	179	1.106	0.408	0.369	11.2	24.54
618	40.7500	116.3266	-261.4	439	QA2	0	0	0	0	63	24.9	2115	46	111	171	2.413	0.649	0.269	11.1	24.54
619	40.7500	116.3266	-261.2	439	QA2	0	0	0	0	65	24.9	2166	48	110	201	2.292	0.547	0.239	11.1	24.54
620	40.7500	116.3266	-262.4	438	QA2	0	0	0	0	73	24.9	2099	72	51	171	0.708	0.298	0.421	11.0	24.54
621	40.7500	116.3266	-261.2	439	QA2	0	0	0	0	57	24.9	2098	54	112	205	2.074	0.546	0.263	11.1	24.54
622	40.7500	116.3266	-261.9	442	QA2	0	0	0	0	62	25.0	2066	58	77	217	1.328	0.355	0.267	11.1	24.53
623	40.7500	116.3266	-262.9	446	QA2	0	0	0	0	68	25.0	2115	82	88	143	1.073	0.615	0.573	11.2	24.53
624	40.7500	116.3266	-263.6	448	QA2	0	0	0	0	67	25.0	2169	51	96	218	1.882	0.440	0.234	11.3	24.53
625	40.7500	116.3266	-262.1	446	QA2	0	0	0	0	64	17.2	2097	61	120	174	1.967	0.690	0.351	11.2	24.53
626	40.7500	116.3266	-263.1	445	QA2	0	0	0	0	65	17.2	2179	69	89	203	1.290	0.438	0.340	11.2	24.53
627	40.7500	116.3266	-262.4	443	QA2	0	0	0	0	64	17.2	2182	43	137	168	3.186	0.815	0.256	11.2	24.53
628	40.7500	116.3266	-264.4	443	QA2	0	0	0	0	66	17.2	2157	60	152	172	2.533	0.884	0.349	11.2	24.53
629	40.7500	116.3266	-263.6	443	QA2	0	0	0	0	53	17.2	2181	55	145	177	2.636	0.819	0.311	11.2	24.53
630	40.7500	116.3266	-265.1	445	QA2	0	0	0	0	63	17.2	2090	55	131	159	2.382	0.824	0.346	11.2	24.53
631	40.7500	116.3266	-265.3	447	QA2	0	0	0	0	59	17.2	2199	69	107	155	1.551	0.690	0.445	11.2	24.53
632	40.7500	116.3266	-265.9	445	QA2	0	0	0	0	69	17.2	2220	63	125	153	1.984	0.817	0.412	11.2	24.53
633	40.7500	116.3266	-263.4	442	QA2	0	0	0	0	70	17.2	2054	56	108	151	1.929	0.715	0.371	11.2	24.53
634	40.7500	116.3266	-264.1	445	QA2	0	0	0	0	66	17.2	2071	52	113	164	2.173	0.639	0.317	11.2	24.53
635	40.7500	116.3267	-265.6	450	QA2	0	0	0	0	66	17.2	2187	46	210	122	4.565	1.721	0.377	11.2	24.53
636	40.7500	116.3267	-265.8	451	QA2	0	0	0	0	59	17.3	2086	51	171	136	3.353	1.257	0.375	11.2	24.53
637	40.7500	116.3267	-264.3	452	QA2	0	0	0	0	66	17.3	2191	49	79	218	1.612	0.362	0.225	11.2	24.52
638	40.7500	116.3267	-266.0	455	QA2	0	0	0	0	71	17.3	2124	62	112	152	1.806	0.737	0.408	11.2	24.53
639	40.7500	116.3267	-266.5	452	QA2	0	0	0	0	70	17.3	2119	41	107	193	2.610	0.554	0.212	11.2	24.52
641	40.7500	116.3267	-267.5	454	QA2	0	0	0	0	59	17.3	2176	53	174	151	3.283	1.152	0.351	11.2	24.53
642	40.7500	116.3267	-267.3	453	QA2	0	0	0	0	66	17.3	2024	64	50	174	0.781	0.287	0.368	11.1	24.53

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
643	40.7500	116.3267	-269.3	450	QA2	0	0	0	0	66	17.2	2035	58	88	167	1.517	0.527	0.347	11.1	24.53
644	40.7500	116.3267	-270.6	449	QA2	0	0	0	0	68	17.2	2151	64	144	157	2.250	0.917	0.408	11.2	24.53
645	40.7500	116.3267	-272.1	451	QA2	0	0	0	0	66	18.4	1989	71	84	179	1.183	0.469	0.397	11.1	24.53
646	40.7500	116.3267	-270.6	452	QA2	0	0	0	0	60	18.4	1988	56	44	200	0.786	0.220	0.280	11.2	24.53
647	40.7500	116.3267	-271.3	452	QA2	0	0	0	0	60	18.4	2062	52	137	132	2.635	1.038	0.394	11.2	24.53
649	40.7500	116.3267	-274.3	446	QA2	0	0	0	0	69	18.3	2090	59	106	172	1.797	0.616	0.343	11.2	24.53
650	40.7500	116.3267	-276.7	437	QA2	0	0	0	0	61	18.2	1981	61	151	134	2.475	1.127	0.455	11.3	24.54
651	40.7500	116.3267	-276.2	435	QA2	0	0	0	0	68	18.2	2115	59	94	213	1.593	0.441	0.277	11.4	24.54
652	40.7500	116.3267	-277.7	430	QA2	0	0	0	0	63	18.1	2097	78	83	158	1.064	0.525	0.494	11.4	24.55
653	40.7500	116.3267	-278.0	426	QA2	0	0	0	0	73	18.1	1970	49	123	146	2.510	0.842	0.336	11.4	24.56
654	40.7500	116.3267	-278.8	423	QA2	0	0	0	0	66	18.1	1984	58	89	183	1.534	0.486	0.317	11.4	24.56
655	40.7500	116.3267	-280.0	421	QA2	0	0	0	0	64	18.0	2049	62	60	223	0.968	0.269	0.278	11.5	24.56
657	40.7500	116.3267	-280.8	417	QA2	0	0	0	0	66	18.0	2046	47	101	209	2.149	0.483	0.225	11.5	24.56
658	40.7500	116.3267	-279.9	412	QA2	0	0	0	0	67	18.0	2076	31	131	187	4.226	0.701	0.166	11.5	24.57
659	40.7500	116.3267	-279.9	409	QA2	0	0	0	0	66	17.9	2099	63	84	197	1.333	0.426	0.320	11.5	24.57
660	40.7500	116.3267	-281.4	408	QA2	0	0	0	0	61	17.9	2024	63	122	117	1.937	1.043	0.538	11.6	24.57
661	40.7500	116.3267	-281.7	406	QA2	0	0	0	0	65	17.9	2154	63	126	163	2.000	0.773	0.387	11.6	24.57
662	40.7500	116.3267	-282.7	402	QA2	0	0	0	0	73	17.8	2043	58	92	194	1.586	0.474	0.299	11.6	24.57
663	40.7500	116.3267	-283.5	395	QA2	0	0	0	0	65	17.8	2062	71	59	188	0.831	0.314	0.378	11.6	24.58
664	40.7500	116.3267	-283.8	390	QA2	0	0	0	0	65	17.7	2031	65	97	163	1.492	0.595	0.399	11.6	24.58
665	40.7500	116.3267	-280.9	385	QA2	0	0	0	0	61	17.7	2146	58	145	166	2.500	0.873	0.349	11.6	24.59
666	40.7500	116.3267	-283.6	382	QA2	0	0	0	0	61	22.6	2196	61	77	206	1.262	0.374	0.296	11.6	24.59
667	40.7500	116.3267	-283.1	380	QA2	0	0	0	0	61	22.6	2175	53	146	182	2.755	0.802	0.291	11.7	24.59
668	40.7500	116.3267	-283.2	378	QA2	0	0	0	0	72	22.5	2076	47	185	148	3.936	1.250	0.318	11.7	24.59
669	40.7500	116.3267	-282.4	381	QA2	0	0	0	0	72	22.6	2084	35	136	227	3.886	0.599	0.154	11.7	24.59
670	40.7500	116.3267	-284.4	380	QA2	0	0	0	0	59	22.6	2106	52	126	172	2.423	0.733	0.302	11.7	24.59
671	40.7500	116.3267	-283.2	377	QA2	0	0	0	0	70	22.5	2144	62	86	174	1.387	0.494	0.356	11.7	24.59
672	40.7500	116.3267	-282.9	380	QA2	0	0	0	0	66	22.6	2199	50	147	183	2.940	0.803	0.273	11.7	24.59
673	40.7500	116.3267	-282.2	377	QA2	0	0	0	0	66	22.5	2168	55	106	219	1.927	0.484	0.251	11.7	24.60
674	40.7500	116.3267	-281.4	377	QA2	0	0	0	0	61	22.5	2120	50	149	183	2.980	0.814	0.273	11.8	24.59
675	40.7500	116.3267	-281.4	374	QA2	0	0	0	0	73	22.5	2230	67	63	211	0.940	0.299	0.318	11.7	24.60
676	40.7500	116.3267	-281.4	376	QA2	0	0	0	0	66	22.5	2166	56	139	160	2.482	0.869	0.350	11.7	24.60
677	40.7500	116.3267	-279.7	373	QA2	0	0	0	0	68	22.5	2104	65	165	138	2.538	1.196	0.471	11.7	24.60
678	40.7500	116.3267	-279.9	372	QA2	0	0	0	0	61	22.5	2195	71	116	168	1.634	0.690	0.423	11.7	24.60
679	40.7500	116.3267	-280.2	370	QA2	0	0	0	0	61	22.4	2097	61	68	215	1.115	0.316	0.284	11.6	24.60
680	40.7500	116.3268	-279.7	370	QA2	0	0	0	0	65	22.4	2216	50	70	223	1.400	0.314	0.224	11.7	24.60
681	40.7500	116.3268	-278.4	373	QA2	0	0	0	0	67	22.5	2079	74	75	185	1.014	0.405	0.400	11.7	24.60
682	40.7500	116.3268	-277.6	378	QA2	0	0	0	0	59	22.6	2035	52	73	243	1.404	0.300	0.214	11.8	24.59
683	40.7500	116.3268	-278.1	382	QA2	0	0	0	0	66	22.6	2082	67	37	200	0.552	0.185	0.335	11.8	24.59
684	40.7500	116.3268	-277.3	386	QA2	0	0	0	0	67	22.7	2135	45	37	247	0.804	0.150	0.186	11.8	24.59
685	40.7500	116.3268	-277.6	388	QA2	0	0	0	0	72	23.4	2055	60	142	122	2.367	1.164	0.492	11.8	24.59
687	40.7500	116.3268	-276.8	388	QA2	0	0	0	0	58	23.4	2082	49	87	189	1.776	0.460	0.259	11.8	24.59
688	40.7500	116.3268	-276.1	388	QA2	0	0	0	0	65	23.4	2178	55	109	225	1.982	0.484	0.244	11.8	24.59
689	40.7500	116.3268	-276.6	388	QA2	0	0	0	0	65	23.4	1979	46	73	186	1.587	0.392	0.247	11.8	24.59
690	40.7500	116.3268	-278.0	391	QA2	0	0	0	0	67	23.5	2129	61	55	234	0.902	0.235	0.261	11.8	24.59
691	40.7500	116.3268	-277.3	389	QA2	0	0	0	0	76	23.4	2051	48	102	197	2.125	0.518	0.244	11.8	24.59
692	40.7500	116.3268	-276.3	392	QA2	0	0	0	0	68	23.5	2133	59	101	182	1.712	0.555	0.324	11.8	24.59
693	40.7500	116.3268	-276.3	394	QA2	0	0	0	0	64	23.5	2120	41	98	219	2.390	0.447	0.187	11.8	24.59
694	40.7500	116.3268	-275.3	392	QA2	0	0	0	0	74	23.5	2069	52	117	176	2.250	0.665	0.295	11.9	24.59
695	40.7500	116.3268	-276.0	392	QA2	0	0	0	0	79	23.5	2014	48	85	165	1.771	0.515	0.291	11.9	24.59
696	40.7500	116.3268	-277.0	399	QA2	0	0	0	0	67	23.6	2082	41	94	190	2.293	0.495	0.216	12.0	24.58
697	40.7500	116.3268	-275.7	399	QA2	0	0	0	0	55	23.6	2077	59	136	187	2.305	0.727	0.316	12.0	24.58
698	40.7499	116.3268	-274.7	395	QA2	0	0	0	0	62	23.5	2080	54	116	187	2.148	0.620	0.289	11.9	24.58
699	40.7499	116.3268	-274.7	399	QA2	0	0	0	0	70	23.6	2051	44	71	215	1.614	0.330	0.205	12.0	24.58

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
700	40.7499	116.3268	-277.7	398	QA2	0	0	0	0	68	23.6	2154	51	136	166	2.667	0.819	0.307	12.0	24.58
701	40.7499	116.3268	-277.7	398	QA2	0	0	0	0	71	23.6	2139	59	186	153	3.153	1.216	0.386	12.1	24.58
702	40.7499	116.3268	-277.5	396	QA2	0	0	0	0	63	23.5	2148	45	98	223	2.178	0.439	0.202	12.1	24.58
703	40.7499	116.3268	-280.0	399	QA2	0	0	0	0	60	23.6	2182	64	85	216	1.328	0.394	0.296	12.1	24.58
704	40.7499	116.3268	-278.5	396	QA2	0	0	0	0	60	23.5	2126	59	132	154	2.237	0.857	0.383	12.0	24.59
706	40.7499	116.3268	-280.2	402	QA2	0	0	0	0	67	22.7	2217	44	126	200	2.864	0.630	0.220	12.0	24.58
707	40.7499	116.3268	-280.2	400	QA2	0	0	0	0	61	22.7	2259	46	96	233	2.087	0.412	0.197	12.0	24.58
708	40.7499	116.3268	-281.4	402	QA2	0	0	0	0	70	22.7	2136	59	144	177	2.441	0.814	0.333	12.0	24.58
709	40.7499	116.3268	-282.4	402	QA2	0	0	0	0	60	22.7	2191	72	122	168	1.694	0.726	0.429	12.0	24.58
710	40.7499	116.3268	-282.4	403	QA2	0	0	0	0	71	22.7	2221	60	43	252	0.717	0.171	0.238	11.9	24.58
711	40.7499	116.3268	-282.7	404	QA2	0	0	0	0	71	22.8	2207	56	92	187	1.643	0.492	0.299	11.9	24.58
712	40.7499	116.3268	-281.9	402	QA2	0	0	0	0	70	22.7	2167	34	184	172	5.412	1.070	0.198	11.8	24.58
713	40.7499	116.3268	-279.7	400	QA2	0	0	0	0	64	22.7	2197	49	85	242	1.735	0.351	0.202	11.8	24.58
714	40.7499	116.3268	-278.9	400	QA2	0	0	0	0	69	22.7	2316	59	128	187	2.169	0.684	0.316	11.8	24.58
715	40.7499	116.3268	-278.4	403	QA2	0	0	0	0	59	22.8	2306	62	129	205	2.081	0.629	0.302	11.8	24.58
716	40.7499	116.3268	-276.7	403	QA2	0	0	0	0	63	22.8	2251	68	70	208	1.029	0.337	0.327	11.8	24.58
717	40.7499	116.3268	-276.4	400	QA2	0	0	0	0	70	22.7	2264	60	168	161	2.800	1.043	0.373	11.8	24.58
718	40.7499	116.3268	-276.9	400	QA2	0	0	0	0	68	22.7	2273	55	113	199	2.055	0.568	0.276	11.8	24.58
719	40.7499	116.3268	-276.2	399	QA2	0	0	0	0	63	22.7	2204	66	79	209	1.197	0.378	0.316	11.8	24.58
720	40.7499	116.3268	-276.5	398	QA2	0	0	0	0	68	22.7	2160	61	95	229	1.557	0.415	0.266	11.7	24.58
721	40.7499	116.3268	-275.5	394	QA2	0	0	0	0	66	22.6	2242	53	151	196	2.849	0.770	0.270	11.7	24.58
722	40.7499	116.3268	-278.8	389	QA2	0	0	0	0	58	22.6	2236	55	76	224	1.382	0.339	0.246	11.7	24.58
723	40.7499	116.3269	-278.3	388	QA2	0	0	0	0	[illegible]	22.6	2182	56	60	260	1.071	0.231	0.215	11.7	24.58
725	40.7499	116.3269	-280.3	383	QA2	0	0	0	0	[illegible]	22.5	2204	55	119	189	2.164	0.630	0.291	11.7	24.59
726	40.7499	116.3269	-281.4	380	QA2	0	0	0	0	[illegible]	19.8	2216	58	94	206	1.621	0.456	0.282	11.7	24.59
727	40.7499	116.3269	-280.6	379	QA2	0	0	0	0	66	19.8	2247	54	117	223	2.167	0.525	0.242	11.6	24.58
728	40.7499	116.3269	-282.8	385	QA2	0	0	0	0	56	19.8	2236	68	96	202	1.412	0.475	0.337	11.6	24.58
729	40.7500	116.3269	-282.3	387	QA2	0	0	0	0	65	19.9	2257	65	86	201	1.323	0.428	0.323	11.6	24.57
730	40.7500	116.3269	-283.0	397	QA2	0	0	0	0	65	20.0	2245	37	152	220	4.108	0.691	0.168	11.6	24.57
731	40.7500	116.3269	-283.7	398	QA2	0	0	0	0	63	20.0	2162	69	109	187	1.580	0.583	0.369	11.6	24.56
732	40.7500	116.3269	-283.4	401	QA2	0	0	0	0	64	20.0	2264	55	139	184	2.527	0.755	0.299	11.6	24.56
733	40.7500	116.3269	-284.2	401	QA2	0	0	0	0	58	20.0	2316	59	126	197	2.136	0.640	0.299	11.7	24.56
734	40.7500	116.3269	-285.4	399	QA2	0	0	0	0	70	20.0	2288	92	108	193	1.174	0.560	0.477	11.7	24.57
735	40.7500	116.3269	-287.0	392	QA2	0	0	0	0	71	19.9	2239	81	53	236	0.654	0.225	0.343	11.7	24.57
736	40.7500	116.3269	-288.0	389	QA2	0	0	0	0	75	19.9	2323	60	53	231	0.883	0.229	0.260	11.7	24.57
737	40.7500	116.3269	-287.8	383	QA2	0	0	0	0	63	19.8	2287	48	162	190	3.375	0.853	0.253	11.7	24.58
738	40.7500	116.3269	-288.6	378	QA2	0	0	0	0	69	19.8	2229	62	157	193	2.532	0.813	0.321	11.7	24.58
739	40.7500	116.3269	-289.9	374	QA2	0	0	0	0	67	19.7	2183	67	99	183	1.478	0.541	0.366	11.7	24.58
740	40.7500	116.3269	-288.9	375	QA2	0	0	0	0	67	19.7	2261	78	148	201	1.897	0.736	0.388	11.8	24.57
741	40.7500	116.3269	-288.7	374	QA2	0	0	0	0	63	19.7	2240	72	107	207	1.486	0.517	0.348	11.9	24.57
742	40.7500	116.3269	-289.7	369	QA2	0	0	0	0	69	19.7	2319	75	75	236	1.000	0.318	0.318	11.9	24.57
743	40.7500	116.3269	-288.7	364	QA2	0	0	0	0	67	19.6	2318	78	111	209	1.423	0.531	0.373	11.9	24.57
744	40.7500	116.3269	-288.5	364	QA2	0	0	0	0	57	19.6	2175	68	73	228	1.074	0.320	0.298	11.9	24.57
745	40.7500	116.3269	-288.7	371	QA2	0	0	0	0	66	20.3	2212	47	131	192	2.787	0.682	0.245	12.0	24.58
746	40.7500	116.3269	-286.7	369	QA2	0	0	0	0	68	20.3	2296	48	164	178	3.417	0.921	0.270	12.0	24.58
747	40.7500	116.3269	-288.0	367	QA2	0	0	0	0	68	20.3	2232	45	132	192	2.933	0.688	0.234	12.0	24.58
748	40.7500	116.3269	-286.9	367	QA2	0	0	0	0	62	20.3	2300	68	148	198	2.176	0.747	0.343	12.0	24.58
749	40.7500	116.3269	-284.4	370	QA2	0	0	0	0	64	20.3	2294	72	125	185	1.736	0.676	0.389	12.0	24.58
750	40.7500	116.3269	-287.2	370	QA2	0	0	0	0	73	20.3	2187	45	160	184	3.556	0.870	0.245	12.1	24.57
751	40.7500	116.3269	-286.1	375	QA2	0	0	0	0	69	20.4	2312	73	187	181	2.562	1.033	0.403	12.2	24.58
752	40.7500	116.3269	-284.9	376	QA2	0	0	0	0	69	20.4	2299	62	137	209	2.210	0.656	0.297	12.1	24.58
753	40.7500	116.3269	-285.1	377	QA2	0	0	0	0	65	20.4	2265	64	102	209	1.594	0.488	0.306	12.2	24.58
755	40.7500	116.3269	-282.9	378	QA2	0	0	0	0	66	20.4	2410	68	119	209	1.750	0.569	0.325	12.2	24.58
756	40.7500	116.3269	-281.6	379	QA2	0	0	0	0	63	20.4	2409	71	117	200	1.648	0.585	0.355	12.2	24.58

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
757	40.7500	116.3269	-278.9	377	QA2	0	0	0	0	76	20.4	2281	68	117	197	1.721	0.594	0.345	12.2	24.57
758	40.7500	116.3269	-277.3	382	QA2	0	0	0	0	64	20.5	2151	59	151	206	2.559	0.733	0.286	12.2	24.57
759	40.7500	116.3269	-277.7	391	QA2	0	0	0	0	72	20.6	2279	73	135	208	1.849	0.649	0.351	12.2	24.56
760	40.7500	116.3269	-274.7	394	QA2	0	0	0	0	74	20.6	2257	62	37	250	0.597	0.148	0.248	12.1	24.57
761	40.7500	116.3269	-274.0	394	QA2	0	0	0	0	71	20.6	2126	57	131	179	2.298	0.732	0.318	12.1	24.57
763	40.7500	116.3269	-272.9	399	QA2	0	0	0	0	63	20.7	2158	72	114	203	1.583	0.562	0.355	12.2	24.57
764	40.7500	116.3270	-269.9	405	QA2	0	0	0	0	66	20.8	2337	55	178	189	3.236	0.942	0.291	12.3	24.56
765	40.7500	116.3270	-269.4	405	QA2	0	0	0	0	57	20.8	2324	62	114	228	1.839	0.500	0.272	12.4	24.56
766	40.7500	116.3270	-269.4	402	QA2	0	0	0	0	68	22.7	2387	63	98	244	1.556	0.402	0.258	12.4	24.57
767	40.7500	116.3270	-269.4	399	QA2	0	0	0	0	62	22.6	2367	72	137	224	1.903	0.612	0.321	12.4	24.57
768	40.7500	116.3270	-268.2	399	QA2	0	0	0	0	68	22.7	2323	72	129	200	1.792	0.645	0.360	12.5	24.57
769	40.7500	116.3270	-267.7	400	QA2	0	0	0	0	70	22.7	2335	60	175	192	2.917	0.911	0.313	12.5	24.57
770	40.7500	116.3270	-266.9	402	QA2	0	0	0	0	60	22.7	2379	78	159	178	2.038	0.893	0.438	12.5	24.57
771	40.7500	116.3270	-267.1	403	QA2	0	0	0	0	62	22.7	2341	67	126	199	1.881	0.633	0.337	12.5	24.57
772	40.7500	116.3270	-268.4	405	QA2	0	0	0	0	75	22.7	2429	48	121	260	2.521	0.465	0.185	12.5	24.57
773	40.7500	116.3270	-268.8	407	QA2	0	0	0	0	69	22.8	2434	62	147	204	2.371	0.721	0.304	12.4	24.57
774	40.7500	116.3270	-267.6	408	QA2	0	0	0	0	72	22.8	2368	72	125	224	1.736	0.558	0.321	12.4	24.57
775	40.7500	116.3270	-269.8	409	QA2	0	0	0	0	67	22.8	2423	71	89	252	1.254	0.353	0.282	12.4	24.57
776	40.7500	116.3270	-271.8	412	QA2	0	0	0	0	68	22.8	2495	55	159	187	2.891	0.850	0.294	12.4	24.57
777	40.7500	116.3270	-272.3	410	QA2	0	0	0	0	67	22.8	2332	67	113	204	1.687	0.554	0.328	12.4	24.57
778	40.7500	116.3270	-274.6	411	QA2	0	0	0	0	63	22.8	2395	67	123	225	1.836	0.547	0.298	12.5	24.57
779	40.7500	116.3270	-276.5	414	QA2	0	0	0	0	65	22.9	2442	62	147	255	2.371	0.576	0.243	12.5	24.57
780	40.7500	116.3270	-275.8	414	QA2	0	0	0	0	67	22.8	2334	69	110	174	1.594	0.632	0.397	12.6	24.57
781	40.7500	116.3270	-27[illegible].8	414	QA2	0	0	0	0	64	22.9	2403	66	113	229	1.712	0.493	0.288	12.6	24.57
782	40.7500	116.3270	-278.3	411	QA2	0	0	0	0	67	22.8	2425	60	129	226	2.150	0.571	0.265	12.6	24.57
783	40.7500	116.3270	-280.6	406	QA2	0	0	0	0	73	22.7	2333	67	147	177	2.194	0.831	0.379	12.5	24.58
784	40.7500	116.3270	-283.9	404	QA2	0	0	0	0	65	22.7	2232	56	106	214	1.893	0.495	0.262	12.5	24.58
785	40.7500	116.3270	-285.8	410	QA2	0	0	0	0	70	21.9	2289	77	35	252	0.455	0.139	0.306	12.5	24.58
786	40.7500	116.3270	-285.8	410	QA2	0	0	0	0	57	21.9	2308	53	99	225	1.868	0.440	0.236	12.5	24.58
787	40.7500	116.3270	-285.6	410	QA2	0	0	0	0	68	21.9	2266	46	89	263	1.935	0.338	0.175	12.5	24.58
788	40.7500	116.3270	-286.1	412	QA2	0	0	0	0	66	21.9	2228	54	104	243	1.926	0.428	0.222	12.5	24.58
790	40.7500	116.3270	-286.8	408	QA2	0	0	0	0	66	21.8	2114	46	94	232	2.043	0.405	0.198	12.5	24.57
791	40.7500	116.3270	-288.6	410	QA2	0	0	0	0	59	21.9	2125	31	151	198	4.871	0.763	0.157	12.5	24.58
792	40.7500	116.3270	-286.5	413	QA2	0	0	0	0	82	21.9	2257	56	62	245	1.107	0.253	0.229	12.5	24.58
793	40.7500	116.3270	-288.1	411	QA2	0	0	0	0	64	21.9	2284	49	118	215	2.408	0.549	0.228	12.5	24.58
794	40.7500	116.3270	-289.6	409	QA2	0	0	0	0	65	21.8	2262	47	89	239	1.894	0.372	0.197	12.4	24.58
795	40.7500	116.3270	-289.3	407	QA2	0	0	1	0	62	21.8	2228	66	25	250	0.379	0.100	0.264	12.4	24.58
796	40.7500	116.3270	-291.1	405	QA2	0	0	0	0	61	21.8	2178	60	58	230	0.967	0.252	0.261	12.5	24.58
797	40.7500	116.3270	-289.6	404	QA2	0	0	0	0	57	21.8	2258	71	82	192	1.155	0.427	0.370	12.5	24.58
798	40.7500	116.3270	-290.9	403	QA2	0	0	1	0	72	21.8	2324	74	15	262	0.203	0.057	0.282	12.4	24.58
799	40.7500	116.3270	-291.2	396	QA2	0	0	0	0	57	21.7	2353	59	135	208	2.288	0.649	0.284	12.4	24.59
801	40.7500	116.3270	-290.8	383	QA2	0	0	0	0	65	21.5	2228	51	131	203	2.569	0.645	0.251	12.3	24.60
802	40.7500	116.3270	-292.6	379	QA2	0	0	0	0	68	21.5	2162	52	177	178	3.404	0.994	0.292	12.4	24.60
803	40.7500	116.3270	-293.3	380	QA2	0	0	0	0	71	21.5	2173	32	105	219	3.281	0.479	0.146	12.4	24.60
804	40.7500	116.3271	-294.1	379	QA2	0	0	0	0	70	21.5	2204	56	100	205	1.786	0.488	0.273	12.4	24.60
805	40.7500	116.3271	-294.3	380	QA2	0	0	0	0	67	21.5	2173	53	123	197	2.321	0.624	0.269	12.4	24.60
806	40.7500	116.3271	-293.9	371	QA2	0	0	0	0	69	22.5	2192	52	141	186	2.712	0.758	0.280	12.3	24.60
807	40.7500	116.3271	-292.6	371	QA2	0	0	0	0	67	22.5	2079	63	60	194	0.952	0.309	0.325	12.4	24.60
808	40.7500	116.3271	-294.9	371	QA2	0	0	0	0	57	22.5	2117	50	104	187	2.080	0.556	0.267	12.3	24.60
809	40.7500	116.3271	-296.1	374	QA2	0	0	0	0	68	22.5	2154	46	93	211	2.022	0.441	0.218	12.4	24.60
810	40.7500	116.3271	-295.6	373	QA2	0	0	0	0	64	22.5	2145	44	116	199	2.636	0.583	0.221	12.3	24.60
811	40.7500	116.3271	-295.4	374	QA2	0	0	0	0	76	22.5	2128	76	78	193	1.026	0.404	0.394	12.3	24.60
812	40.7500	116.3271	-295.3	377	QA2	0	0	0	0	64	22.6	2052	56	133	164	2.375	0.811	0.341	12.3	24.60
813	40.7500	116.3271	-296.3	380	QA2	0	0	0	0	69	22.6	1923	41	76	199	1.854	0.382	0.206	12.4	24.59

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
814	40.7500	116.3271	-294.6	378	QA2	0	0	0	0	65	22.6	2102	55	125	186	2.273	0.672	0.296	12.5	24.60
815	40.7500	116.3271	-296.6	377	QA2	0	0	0	0	70	22.6	2098	58	76	216	1.310	0.352	0.269	12.5	24.60
816	40.7500	116.3271	-297.4	374	QA2	0	0	0	0	57	22.5	1999	65	112	173	1.723	0.647	0.376	12.4	24.60
817	40.7500	116.3271	-298.1	373	QA2	0	0	0	0	58	22.5	2073	51	143	161	2.804	0.888	0.317	12.5	24.60
818	40.7500	116.3271	-299.4	370	QA2	0	0	0	0	68	22.5	2001	49	64	200	1.306	0.320	0.245	12.4	24.60
819	40.7500	116.3271	-298.9	370	QA2	0	0	0	0	63	22.5	2065	40	101	222	2.525	0.455	0.180	12.4	24.60
820	40.7500	116.3271	-300.9	368	QA2	0	0	0	0	64	22.4	2006	21	129	226	6.143	0.571	0.093	12.4	24.61
821	40.7500	116.3271	-301.2	367	QA2	0	0	0	0	65	22.4	1966	58	73	224	1.259	0.326	0.259	12.3	24.61
822	40.7500	116.3271	-300.9	368	QA2	0	0	0	0	62	22.4	1992	60	58	226	0.967	0.257	0.265	12.4	24.61
823	40.7500	116.3271	-302.2	366	QA2	0	0	0	0	68	22.4	2023	46	104	192	2.261	0.542	0.240	12.4	24.61
824	40.7500	116.3271	-303.4	368	QA2	0	0	0	0	72	22.4	1866	49	80	217	1.633	0.369	0.226	12.3	24.61
825	40.7500	116.3271	-303.9	365	QA2	0	0	0	0	55	22.8	1988	56	77	198	1.375	0.389	0.283	12.4	24.61
826	40.7500	116.3271	-304.5	359	QA2	0	0	0	0	56	22.7	2014	39	151	193	3.872	0.782	0.202	12.4	24.61
827	40.7500	116.3271	-306.5	351	QA2	0	0	0	0	64	22.6	2027	61	85	167	1.393	0.509	0.365	12.5	24.62
828	40.7500	116.3271	-307.6	345	QA2	0	0	0	0	60	22.5	2157	58	103	227	1.776	0.454	0.256	12.5	24.63
829	40.7500	116.3271	-310.1	338	QA2	0	0	0	0	63	22.4	2029	45	199	173	4.422	1.150	0.260	12.5	24.64
830	40.7500	116.3271	-315.1	341	QA2	0	0	0	0	63	22.5	2079	65	76	203	1.169	0.374	0.320	12.5	24.63
831	40.7500	116.3271	-314.9	345	QA2	0	0	0	0	71	22.5	2059	55	43	239	0.782	0.180	0.230	12.5	24.63
832	40.7500	116.3271	-314.8	349	QA2	0	0	0	0	60	22.6	2087	64	113	187	1.766	0.604	0.342	12.5	24.62
833	40.7500	116.3271	-316.5	357	QA2	0	0	0	0	71	22.7	1982	47	73	216	1.553	0.338	0.218	12.6	24.61
834	40.7500	116.3271	-316.4	362	QA2	0	0	0	0	65	22.8	1939	58	87	204	1.500	0.426	0.284	12.6	24.61
835	40.7500	116.3271	-316.2	366	QA2	0	0	0	0	69	22.8	1974	32	150	175	4.688	0.857	0.183	12.7	24.61
836	40.7500	116.3271	-317.9	366	QA2	0	0	0	0	59	22.8	2033	50	117	186	2.340	0.629	0.269	12.7	24.61
837	40.7500	116.3271	-318.7	366	QA2	0	0	0	0	61	22.8	2263	46	111	248	2.413	0.448	0.185	12.8	24.61
839	40.7500	116.3271	-319.9	365	QA2	0	0	0	0	74	22.8	2213	45	76	257	1.689	0.296	0.175	12.8	24.61
840	40.7500	116.3271	-319.4	364	QA2	0	0	0	0	65	22.8	2196	64	81	208	1.266	0.389	0.308	12.8	24.61
841	40.7500	116.3271	-318.4	362	QA2	0	0	1	0	55	22.8	2299	82	24	203	0.293	0.118	0.404	12.7	24.61
842	40.7500	116.3271	-318.0	358	QA2	0	0	0	0	70	22.7	2212	46	144	183	3.130	0.787	0.251	12.7	24.61
843	40.7500	116.3271	-317.7	356	QA2	0	0	0	0	69	22.7	2120	51	139	176	2.725	0.790	0.290	12.7	24.61
844	40.7500	116.3271	-317.2	355	QA2	0	0	0	0	66	22.7	2146	51	100	198	1.961	0.505	0.258	12.7	24.61
845	40.7500	116.3272	-315.0	355	QA2	0	0	0	0	73	26.4	2166	42	76	234	1.810	0.325	0.179	12.7	24.61
846	40.7500	116.3272	-313.8	350	QA2	0	0	0	0	69	26.3	2263	55	129	196	2.345	0.658	0.281	12.7	24.61
847	40.7500	116.3272	-313.3	349	QA2	0	0	0	0	69	26.3	2098	46	105	190	2.283	0.553	0.242	12.7	24.61
848	40.7500	116.3272	-312.2	355	QA2	0	0	0	0	63	26.4	2213	47	138	224	2.936	0.616	0.210	12.8	24.61
849	40.7500	116.3272	-310.3	351	QA2	0	0	0	0	64	26.3	2221	57	99	193	1.737	0.513	0.295	12.7	24.61
850	40.7500	116.3272	-311.3	350	QA2	0	0	0	0	75	26.3	2167	52	139	174	2.673	0.799	0.299	12.7	24.62
851	40.7500	116.3272	-308.3	348	QA2	0	0	0	0	62	26.3	2194	68	113	204	1.662	0.554	0.333	12.7	24.61
852	40.7500	116.3272	-306.5	350	QA2	0	0	0	0	61	26.3	2170	60	101	239	1.683	0.423	0.251	12.7	24.61
853	40.7500	116.3272	-302.5	355	QA2	0	0	0	0	64	26.4	2187	46	150	170	3.261	0.882	0.271	12.7	24.61
854	40.7500	116.3272	-301.8	351	QA2	0	0	0	0	62	26.4	2156	55	86	210	1.564	0.410	0.262	12.7	24.62
855	40.7500	116.3272	-302.8	351	QA2	0	0	0	0	70	26.4	2275	58	90	229	1.552	0.393	0.253	12.7	24.61
856	40.7500	116.3272	-303.0	351	QA2	0	0	0	0	77	26.3	2261	32	153	219	4.781	0.699	0.146	12.7	24.61
857	40.7500	116.3272	-304.0	351	QA2	0	0	0	0	62	26.4	2147	42	146	202	3.476	0.723	0.208	12.7	24.61
858	40.7500	116.3272	-305.2	357	QA2	0	0	0	0	60	26.5	2177	55	112	201	2.036	0.557	0.274	12.7	24.61
859	40.7500	116.3272	-308.7	361	QA2	0	0	0	0	60	26.5	2268	62	121	189	1.952	0.640	0.328	12.7	24.60
860	40.7500	116.3272	-311.1	370	QA2	0	0	0	0	67	26.7	2217	53	119	154	2.245	0.773	0.344	12.7	24.60
861	40.7500	116.3272	-314.4	370	QA2	0	0	0	0	72	26.7	2161	45	70	237	1.556	0.295	0.190	12.6	24.60
862	40.7500	116.3272	-318.8	374	QA2	0	0	0	0	71	26.7	2245	61	65	227	1.066	0.286	0.269	12.7	24.60
863	40.7500	116.3272	-321.1	371	QA2	0	0	0	0	59	26.7	2241	38	163	225	4.289	0.724	0.169	12.6	24.59
864	40.7500	116.3272	-324.4	372	QA2	0	0	0	0	60	31.3	2204	49	133	211	2.714	0.630	0.232	12.6	24.59
865	40.7500	116.3272	-327.1	376	QA2	0	0	0	0	64	31.4	2115	56	156	135	2.786	1.156	0.415	12.5	24.59
866	40.7500	116.3272	-332.3	376	QA2	0	0	0	0	54	31.4	2193	59	103	193	1.746	0.534	0.306	12.4	24.59
867	40.7500	116.3272	-335.8	378	QA2	0	0	0	0	58	31.4	2012	47	87	176	1.851	0.494	0.267	12.4	24.59
869	40.7500	116.3272	-337.9	393	QA2	0	0	0	0	57	31.7	2143	51	83	205	1.627	0.405	0.249	12.3	24.58

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
870	40.7500	116.3272	-334.4	389	QA2	0	0	0	0	61	31.6	2046	73	58	171	0.795	0.339	0.427	12.3	24.57
871	40.7500	116.3272	-322.8	379	QA2	0	0	0	0	72	31.4	2018	51	37	198	0.725	0.187	0.258	12.3	24.57
872	40.7500	116.3272	-306.1	402	QA2	0	0	0	0	69	31.9	2028	54	120	154	2.222	0.779	0.351	12.2	24.56
873	40.7500	116.3272	-308.0	415	QA2	0	0	0	0	64	32.1	2078	64	80	195	1.250	0.410	0.328	12.2	24.56
874	40.7500	116.3272	-318.0	418	QA2	0	0	0	0	71	32.1	2101	55	101	191	1.836	0.529	0.288	12.1	24.56
875	40.7500	116.3272	-323.0	416	QA2	0	0	0	0	65	32.1	2050	65	66	182	1.015	0.363	0.357	12.1	24.56
876	40.7500	116.3272	-325.2	417	QA2	0	0	0	0	69	32.1	2064	56	49	187	0.875	0.262	0.299	12.0	24.56
877	40.7500	116.3272	-327.9	423	QA2	0	0	0	0	62	32.2	2200	60	132	142	2.200	0.930	0.423	12.0	24.55
878	40.7500	116.3272	-335.7	421	QA2	0	0	0	0	61	32.2	2140	64	89	195	1.391	0.456	0.328	11.9	24.55
879	40.7500	116.3272	-339.6	427	QA2	0	0	0	0	62	32.3	2145	65	84	205	1.292	0.410	0.317	11.9	24.55
880	40.7500	116.3272	-340.6	429	QA2	0	0	0	0	66	32.3	2072	62	73	208	1.177	0.351	0.298	11.8	24.55
881	40.7500	116.3272	-341.6	433	QA2	0	0	0	0	63	32.4	2102	46	149	141	3.239	1.057	0.326	11.8	24.55
882	40.7500	116.3272	-342.3	434	QA2	0	0	0	0	70	32.4	2037	60	47	210	0.783	0.224	0.286	11.7	24.54
883	40.7500	116.3272	-342.8	438	QA2	0	0	0	0	65	32.5	1994	48	48	212	1.000	0.226	0.226	11.7	24.54
884	40.7500	116.3272	-342.5	446	QA2	0	0	0	0	66	33.3	2031	59	86	172	1.458	0.500	0.343	11.6	24.54
885	40.7500	116.3273	-342.2	452	QA2	0	0	0	0	64	33.4	1977	52	80	132	1.538	0.606	0.394	11.5	24.53
886	40.7500	116.3273	-343.2	452	QA2	0	0	0	0	67	33.4	2097	44	71	205	1.614	0.346	0.215	11.5	24.53
887	40.7500	116.3273	-343.4	458	QA2	0	0	0	0	67	33.5	1985	62	148	93	2.387	1.591	0.667	11.4	24.52
888	40.7500	116.3273	-344.4	459	QA2	0	0	0	0	70	33.5	1952	55	103	110	1.873	0.936	0.500	11.3	24.52
889	40.7500	116.3273	-344.3	468	QA2	0	0	0	0	66	33.7	2097	52	102	164	1.962	0.622	0.317	11.2	24.52
890	40.7500	116.3273	-345.3	462	TVU	0	0	0	0	71	33.6	1957	32	182	107	5.688	1.701	0.299	11.1	24.52
891	40.7500	116.3273	-345.1	464	TVU	0	0	0	0	66	33.6	1988	68	38	161	0.559	0.236	0.422	11.1	24.52
892	40.7500	116.3273	-346.6	460	TVU	0	0	0	0	73	33.5	1985	43	49	207	1.140	0.237	0.208	11.1	24.51
893	40.7500	116.3273	-346.2	447	TVU	0	0	0	0	68	33.3	1916	39	72	173	1.846	0.416	0.225	11.1	24.51
894	40.7500	116.3273	-345.4	427	TVU	0	0	0	0	62	32.9	1895	41	90	156	2.195	0.577	0.263	11.0	24.50
895	40.7500	116.3273	-345.9	424	TVU	0	0	0	0	60	32.9	1880	40	125	132	3.125	0.947	0.303	11.0	24.50
896	40.7500	116.3273	-346.1	428	TVU	0	0	0	0	62	33.0	1915	34	59	210	1.735	0.281	0.162	10.9	24.49
897	40.7500	116.3273	-347.8	407	TVU	0	0	0	0	68	32.6	1884	46	99	161	2.152	0.615	0.286	10.8	24.48
899	40.7500	116.3273	-350.9	399	TVU	0	0	0	0	70	32.4	1773	33	149	103	4.515	1.447	0.320	10.8	24.46
900	40.7500	116.3273	-350.7	393	TVU	0	0	0	0	68	32.3	1851	53	109	108	2.057	1.009	0.491	10.8	24.45
901	40.7500	116.3273	-350.7	383	TVU	0	0	0	0	65	32.1	1765	38	117	127	3.079	0.921	0.299	10.7	24.44
902	40.7500	116.3273	-353.9	370	TVU	0	0	0	0	63	31.8	1672	39	83	120	2.128	0.692	0.325	10.6	24.43
903	40.7500	116.3273	-351.7	352	TVU	0	0	0	0	62	31.5	1746	20	147	130	7.350	1.131	0.154	10.6	24.42
904	40.7500	116.3273	-351.6	341	TVU	0	0	0	0	62	27.3	1711	31	89	143	2.871	0.622	0.217	10.5	24.41
905	40.7500	116.3273	-351.0	353	TVU	0	0	0	0	59	27.5	1700	30	131	127	4.367	1.031	0.236	10.4	24.40
906	40.7500	116.3273	-349.8	369	TVU	0	0	0	0	73	27.8	1890	52	43	172	0.827	0.250	0.302	10.3	24.40
907	40.7500	116.3273	-349.5	377	TVU	0	0	1	0	71	27.9	1834	56	20	151	0.357	0.132	0.371	10.2	24.40
908	40.7500	116.3273	-350.7	384	TVU	0	0	0	0	73	28.0	1863	48	51	183	1.063	0.279	0.262	10.1	24.39
909	40.7500	116.3273	-349.6	397	TVU	0	0	0	0	68	28.3	1969	55	80	179	1.455	0.447	0.307	10.1	24.38
910	40.7500	116.3273	-350.1	401	TVU	0	0	0	0	66	28.3	1933	55	112	142	2.036	0.789	0.387	10.0	24.37
911	40.7500	116.3273	-351.4	392	TVU	0	0	0	0	66	28.2	1951	42	155	155	3.690	1.000	0.271	9.9	24.37
912	40.7500	116.3273	-350.8	380	TVU	0	0	0	0	55	28.0	1827	27	81	197	3.000	0.411	0.137	9.9	24.37
913	40.7500	116.3273	-354.0	374	TVU	0	0	0	0	66	27.9	1802	60	133	134	2.217	0.993	0.448	9.9	24.35
914	40.7500	116.3273	-350.7	388	TVU	0	0	0	0	64	28.1	1907	45	93	152	2.067	0.612	0.296	9.8	24.34
915	40.7500	116.3273	-352.0	407	TVU	0	0	0	0	78	28.4	1862	53	68	150	1.283	0.453	0.353	9.7	24.32
916	40.7500	116.3273	-350.2	413	TVU	0	0	0	0	70	28.5	1951	42	41	196	0.976	0.209	0.214	9.7	24.30
917	40.7500	116.3273	-350.2	416	TVU	0	0	0	0	71	28.6	2063	57	116	168	2.035	0.690	0.339	9.7	24.28
918	40.7500	116.3273	-345.0	405	TVU	0	0	0	0	65	28.4	2125	52	140	164	2.692	0.854	0.317	9.6	24.26
919	40.7500	116.3273	-344.0	381	TVU	0	0	0	0	68	28.0	2203	35	179	207	5.114	0.865	0.169	9.6	24.26
920	40.7500	116.3273	-336.7	361	TVU	0	0	0	0	65	27.7	2270	54	71	257	1.315	0.276	0.210	9.6	24.25
921	40.7500	116.3273	-329.3	341	TVU	0	0	0	0	63	27.3	2309	68	137	218	2.015	0.628	0.312	9.5	24.24
922	40.7500	116.3273	-320.5	320	TVU	0	0	0	0	65	26.9	2310	60	116	214	1.933	0.542	0.280	9.5	24.23
923	40.7500	116.3273	-316.4	302	TVU	0	0	0	0	68	25.4	2187	63	77	227	1.222	0.339	0.278	9.4	24.22
924	40.7500	116.3273	-313.5	292	TVU	0	0	0	0	82	25.2	2263	63	91	266	1.444	0.342	0.237	9.4	24.21

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
925	40.7500	116.3273	-309.8	290	TVU	0	0	0	0	69	25.2	2289	56	209	190	3.732	1.100	0.295	9.4	24.20
926	40.7500	116.3274	-308.0	289	TVU	0	0	0	0	74	25.1	2296	68	119	220	1.750	0.541	0.309	9.3	24.18
927	40.7500	116.3274	-322.8	286	TVU	0	0	0	0	71	25.1	2236	72	106	240	1.472	0.442	0.300	9.3	24.17
928	40.7500	116.3274	-337.8	286	TVU	0	0	0	0	66	25.1	2049	40	193	211	4.825	0.915	0.190	9.3	24.15
929	40.7500	116.3274	-353.7	292	TVU	0	0	0	0	69	25.2	2123	62	142	178	2.290	0.798	0.348	9.2	24.14
930	40.7500	116.3274	-364.9	305	TVU	0	0	0	0	75	25.4	2084	52	147	213	2.827	0.690	0.244	9.2	24.11
931	40.7500	116.3274	-374.5	323	TVU	0	0	0	0	68	25.7	2138	54	183	173	3.389	1.058	0.312	9.2	24.10
932	40.7500	116.3274	-388.3	341	TVU	0	0	0	0	63	26.0	2230	58	149	180	2.569	0.828	0.322	9.2	24.10
933	40.7500	116.3274	-401.1	372	TVU	0	0	0	0	71	26.6	2134	60	113	204	1.883	0.554	0.294	9.1	24.10
934	40.7500	116.3274	-405.7	412	TVU	0	0	0	0	67	27.2	2330	37	185	189	5.000	0.979	0.196	9.1	24.11
935	40.7500	116.3274	-396.2	453	TVU	0	0	0	0	72	27.8	2229	69	84	214	1.217	0.393	0.322	9.1	24.11
936	40.7500	116.3274	-379.6	485	TVU	0	0	0	0	74	28.3	2208	45	181	166	4.022	1.090	0.271	9.1	24.11
937	40.7500	116.3274	-371.3	494	TVU	0	0	0	0	67	28.4	2312	57	103	216	1.807	0.477	0.264	9.1	24.12
938	40.7500	116.3274	-363.5	498	TVU	0	0	0	0	67	28.5	2130	46	141	157	3.065	0.898	0.293	9.1	24.13
939	40.7500	116.3274	-361.5	498	TVU	0	0	0	0	74	28.5	2092	65	152	105	2.338	1.448	0.619	9.0	24.13
940	40.7500	116.3274	-362.2	502	TVU	0	0	0	0	66	28.5	2073	53	59	198	1.113	0.298	0.268	9.1	24.13
941	40.7500	116.3274	-362.5	500	TVU	0	0	0	0	72	28.5	2134	41	144	177	3.512	0.814	0.232	9.1	24.13
942	40.7500	116.3274	-362.4	514	TVU	0	0	0	0	60	24.6	2270	43	110	216	2.558	0.509	0.199	9.1	24.13
943	40.7500	116.3274	-360.3	499	TVU	0	0	0	0	77	24.4	2206	54	146	161	2.704	0.907	0.335	9.0	24.12
944	40.7500	116.3274	-359.8	499	TVU	0	0	0	0	73	24.4	2253	58	106	208	1.828	0.510	0.279	9.0	24.13
945	40.7500	116.3274	-358.8	494	TVU	0	0	0	0	70	24.3	2241	58	121	218	2.086	0.555	0.266	8.9	24.13
946	40.7500	116.3274	-356.8	490	TVU	0	0	0	0	70	24.3	2178	63	131	196	2.079	0.668	0.321	8.9	24.13
947	40.7500	116.3274	-356.3	489	TVU	0	0	0	0	71	24.3	2342	60	135	209	2.250	0.646	0.287	8.9	24.13
948	40.7500	116.3274	-357.6	492	TVU	0	0	0	0	79	24.3	2263	78	78	146	1.000	0.534	0.534	9.0	24.14
949	40.7500	116.3274	-359.5	495	TVU	0	0	1	0	76	24.3	2261	67	17	246	0.254	0.069	0.272	8.9	24.14
950	40.7500	116.3274	-360.5	496	TVU	0	0	0	0	65	24.3	2333	48	114	210	2.375	0.543	0.229	8.9	24.15
951	40.7500	116.3274	-364.5	497	TVU	0	0	0	0	74	24.4	2309	49	134	194	2.735	0.691	0.253	8.9	24.15
952	40.7500	116.3274	-364.8	497	TVU	0	0	0	0	73	24.4	2240	60	160	154	2.667	1.039	0.390	8.9	24.16
953	40.7500	116.3274	-363.3	495	TVU	0	0	0	0	71	24.3	2193	74	144	170	1.946	0.847	0.435	8.9	24.16
954	40.7500	116.3274	-366.8	495	TVU	0	0	0	0	69	24.3	2374	50	130	252	2.600	0.516	0.198	9.0	24.17
955	40.7500	116.3274	-366.8	496	TVU	0	0	0	0	71	24.3	2324	65	197	149	3.031	1.322	0.436	9.0	24.18
956	40.7500	116.3274	-366.0	494	TVU	0	0	0	0	62	24.3	2374	59	213	191	3.610	1.115	0.309	9.0	24.18
957	40.7500	116.3274	-367.3	495	TVU	0	0	0	0	64	24.3	2388	60	150	207	2.500	0.725	0.290	9.1	24.19
959	40.7500	116.3274	-365.5	497	TVU	0	0	0	0	74	24.3	2299	58	73	270	1.259	0.270	0.215	9.1	24.19
960	40.7500	116.3274	-366.0	497	TVU	0	0	0	0	63	24.3	2379	72	76	240	1.056	0.317	0.300	9.1	24.20
961	40.7500	116.3274	-367.0	493	TVU	0	0	0	0	76	24.3	2408	58	157	156	2.707	1.006	0.372	9.1	24.20
962	40.7500	116.3274	-368.8	493	TVU	0	0	0	0	70	31.8	2391	80	75	186	0.938	0.403	0.430	9.1	24.20
963	40.7500	116.3274	-371.5	494	TVU	0	0	0	0	71	31.8	2445	63	96	231	1.524	0.416	0.273	9.2	24.21
964	40.7500	116.3274	-373.5	497	TVU	0	0	0	0	70	31.9	2423	60	130	193	2.167	0.674	0.311	9.1	24.21
965	40.7500	116.3274	-377.3	497	TVU	0	0	0	0	70	31.9	2357	61	96	248	1.574	0.387	0.246	9.1	24.21
966	40.7500	116.3274	-377.5	494	TVU	0	0	0	0	78	31.8	2178	55	165	114	3.000	1.447	0.482	9.2	24.21
967	40.7500	116.3274	-381.0	494	TVU	0	0	0	0	70	31.8	2429	61	146	152	2.393	0.961	0.401	9.3	24.21
968	40.7500	116.3275	-383.3	495	TVU	0	0	0	0	73	31.8	2289	62	73	232	1.177	0.315	0.267	9.2	24.21
969	40.7500	116.3275	-383.6	491	TVU	0	0	0	0	65	31.8	2261	74	89	182	1.203	0.489	0.407	9.2	24.21
970	40.7500	116.3275	-385.3	491	TVU	0	0	0	0	73	31.8	2464	61	124	217	2.033	0.571	0.281	9.3	24.22
971	40.7500	116.3275	-385.1	489	TVU	0	0	0	0	70	31.7	2367	50	154	218	3.080	0.706	0.229	9.3	24.22
972	40.7500	116.3275	-385.3	492	TVU	0	0	0	0	65	31.8	2397	54	192	161	3.556	1.193	0.335	9.3	24.23
973	40.7500	116.3275	-384.1	488	TVU	0	0	0	0	65	31.7	2383	82	68	231	0.829	0.294	0.355	9.3	24.24
974	40.7500	116.3275	-383.0	472	TVU	0	0	0	0	58	31.5	2224	57	96	218	1.684	0.440	0.261	9.4	24.25
975	40.7500	116.3275	-382.6	461	TVU	0	0	0	0	77	31.3	2178	70	114	165	1.629	0.691	0.424	9.4	24.25
976	40.7500	116.3275	-382.6	456	TVU	0	0	0	0	64	31.2	2152	37	174	162	4.703	1.074	0.228	9.5	24.25
977	40.7500	116.3275	-384.1	457	TVU	0	0	0	0	71	31.2	2136	43	137	171	3.186	0.801	0.251	9.5	24.24
978	40.7500	116.3275	-385.0	463	TVU	0	0	0	0	69	31.3	2128	55	77	215	1.400	0.358	0.256	9.5	24.23
979	40.7500	116.3275	-383.5	467	TVU	0	0	0	0	75	31.4	2155	65	68	181	1.046	0.376	0.359	9.6	24.24

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
980	40.7500	116.3275	-383.3	467	TVU	0	0	0	0	57	31.4	2014	75	93	112	1.240	0.830	0.670	9.6	24.24
981	40.7500	116.3275	-384.1	455	TVU	0	0	0	0	67	35.5	2186	55	168	138	3.055	1.217	0.399	9.6	24.24
982	40.7500	116.3275	-383.2	445	TVU	0	0	0	0	62	35.3	2164	75	73	160	0.973	0.456	0.469	9.6	24.24
983	40.7500	116.3275	-384.5	434	TVU	0	0	0	0	66	35.1	2093	22	109	218	4.955	0.500	0.101	9.7	24.25
984	40.7500	116.3275	-383.3	426	TVU	0	0	0	0	68	34.9	2196	63	52	178	0.825	0.292	0.354	9.7	24.24
985	40.7500	116.3275	-383.4	419	TVU	0	0	0	0	69	34.8	2221	54	118	160	2.185	0.737	0.337	9.7	24.25
986	40.7500	116.3275	-381.0	408	TVU	0	0	0	0	65	34.6	2287	68	126	199	1.853	0.633	0.342	9.7	24.25
987	40.7500	116.3275	-382.3	396	TVU	0	0	0	0	60	34.3	2373	64	151	170	2.359	0.888	0.376	9.7	24.25
988	40.7500	116.3275	-382.4	388	TVU	0	0	0	0	71	34.2	2366	73	119	201	1.630	0.592	0.363	9.7	24.25
989	40.7500	116.3275	-381.7	380	TVU	0	0	0	0	61	34.0	2334	77	63	229	0.818	0.275	0.336	9.7	24.25
990	40.7500	116.3275	-380.5	382	TVU	0	0	0	0	68	34.0	2379	57	129	195	2.263	0.662	0.292	9.7	24.24
991	40.7500	116.3275	-380.2	386	TVU	0	0	0	0	78	34.1	2367	72	124	176	1.722	0.705	0.409	9.6	24.23
992	40.7500	116.3275	-381.3	396	TVU	0	0	0	0	62	34.3	2319	74	165	165	2.230	1.000	0.448	9.6	24.23
993	40.7500	116.3275	-381.6	391	TVU	0	0	0	0	68	34.2	2292	60	181	161	3.017	1.124	0.373	9.7	24.22
994	40.7500	116.3275	-380.9	387	TVU	0	0	0	0	63	34.1	2269	57	107	223	1.877	0.480	0.256	9.6	24.22
995	40.7500	116.3275	-383.0	380	TVU	0	0	0	0	68	34.0	2340	59	156	176	2.644	0.886	0.335	9.6	24.21
996	40.7500	116.3275	-381.1	365	TVU	0	0	0	0	74	33.7	2269	64	89	223	1.391	0.399	0.287	9.6	24.20
997	40.7500	116.3275	-380.8	363	TVU	0	0	0	0	68	33.6	2332	61	91	230	1.492	0.396	0.265	9.6	24.20
998	40.7500	116.3275	-380.2	383	TVU	0	0	0	0	71	34.1	2480	65	123	228	1.892	0.539	0.285	9.6	24.20
999	40.7500	116.3275	-382.5	402	TVU	0	0	0	0	70	34.5	2541	73	123	228	1.685	0.539	0.320	9.6	24.20
1000	40.7500	116.3275	-384.1	421	TVU	0	0	0	0	69	33.1	2693	68	142	272	2.088	0.522	0.250	9.6	24.19
1001	40.7500	116.3275	-384.7	442	TVU	0	0	0	0	73	33.5	2649	74	116	269	1.568	0.431	0.275	9.6	24.19
1002	40.7500	116.3275	-385.1	458	TVU	0	0	0	0	70	33.8	2678	83	94	277	1.133	0.339	0.300	9.7	24.18
1003	40.7500	116.3275	-385.0	469	TVU	0	0	0	0	76	34.0	2709	75	63	293	0.840	0.215	0.256	9.6	24.18
1004	40.7500	116.3275	-384.0	471	TVU	0	0	0	0	64	34.0	2613	48	139	273	2.896	0.509	0.176	9.6	24.17
1005	40.7500	116.3275	-383.1	480	TVU	0	0	0	0	71	34.2	2597	68	135	232	1.985	0.582	0.293	9.5	24.16
1006	40.7500	116.3275	-382.3	491	TVU	0	0	0	0	68	34.4	2617	49	152	259	3.102	0.587	0.189	9.5	24.16
1007	40.7500	116.3275	-382.8	493	TVU	0	0	0	0	69	34.4	2576	75	135	225	1.800	0.600	0.333	9.5	24.15
1008	40.7500	116.3275	-380.5	499	TVU	0	0	0	0	71	34.5	2663	71	115	257	1.620	0.447	0.276	9.5	24.15
1009	40.7500	116.3275	-378.2	500	TVU	0	0	0	0	73	34.5	2590	82	55	289	0.671	0.190	0.284	9.5	24.14
1010	40.7500	116.3276	-372.3	523	TVU	0	0	0	0	69	34.9	2746	88	78	253	0.886	0.308	0.348	9.5	24.14
1011	40.7500	116.3276	-367.4	512	TVU	0	0	0	0	68	34.7	2608	67	126	236	1.881	0.534	0.284	9.5	24.14
1012	40.7500	116.3276	-363.2	500	TVU	0	0	0	0	64	34.5	2652	59	149	259	2.525	0.575	0.228	9.5	24.13
1013	40.7500	116.3276	-354.3	495	TVU	0	0	0	0	63	34.5	2715	67	108	277	1.612	0.390	0.242	9.6	24.13
1014	40.7500	116.3276	-346.6	484	TVU	0	0	0	0	75	34.2	2573	63	99	236	1.571	0.419	0.267	9.6	24.13
1015	40.7500	116.3276	-338.4	450	TVU	0	0	0	0	66	33.6	2596	65	111	243	1.708	0.457	0.267	9.7	24.13
1016	40.7500	116.3276	-332.1	419	TVU	0	0	0	0	67	33.1	2637	84	98	266	1.167	0.368	0.316	9.7	24.13
1017	40.7500	116.3276	-329.1	391	TVU	0	0	0	0	69	32.5	2547	68	110	214	1.618	0.514	0.318	9.6	24.13
1018	40.7500	116.3276	-329.1	363	TVU	0	0	0	0	80	32.0	2583	72	133	223	1.847	0.596	0.323	9.6	24.13
1019	40.7500	116.3276	-330.1	333	TVU	0	0	0	0	63	28.1	2519	65	219	208	3.369	1.053	0.313	9.7	24.13
1020	40.7500	116.3276	-330.3	314	TVU	0	0	0	0	78	27.8	2450	65	143	209	2.200	0.684	0.311	9.7	24.13
1021	40.7500	116.3276	-335.3	307	TVU	0	0	0	0	74	27.6	2506	82	109	214	1.329	0.509	0.383	9.7	24.13
1022	40.7500	116.3276	-350.0	311	TVU	0	0	0	0	67	27.7	2442	76	108	214	1.421	0.505	0.355	9.7	24.13
1023	40.7500	116.3276	-356.8	312	TVU	0	0	0	0	64	27.7	2525	65	135	271	2.077	0.498	0.240	9.8	24.13
1024	40.7500	116.3276	-359.2	316	TVU	0	0	0	0	71	27.8	2488	61	208	182	3.410	1.143	0.335	9.8	24.14
1025	40.7500	116.3276	-360.2	316	TVU	0	0	0	0	82	27.8	2597	78	156	241	2.000	0.647	0.324	9.8	24.15
1026	40.7500	116.3276	-362.0	316	TVU	0	0	0	0	74	27.8	2597	72	209	241	2.903	0.867	0.299	9.8	24.15
1027	40.7500	116.3276	-364.8	314	TVU	0	0	0	0	69	27.8	2615	83	132	233	1.590	0.567	0.356	9.8	24.16
1028	40.7500	116.3276	-367.0	314	TVU	0	0	0	0	75	27.8	2606	82	116	233	1.415	0.498	0.352	9.8	24.17
1029	40.7500	116.3276	-367.0	315	TVU	0	0	0	0	76	27.8	2630	82	111	289	1.354	0.384	0.284	9.7	24.17
1030	40.7500	116.3276	-370.7	316	TVU	0	0	0	0	64	27.8	2559	85	186	240	2.188	0.775	0.354	9.8	24.18
1031	40.7500	116.3276	-375.3	310	TVU	0	0	0	0	63	27.7	2495	80	127	229	1.588	0.555	0.349	9.8	24.19
1032	40.7500	116.3276	-383.3	308	TVU	0	0	0	0	78	27.6	2648	79	67	292	0.848	0.229	0.271	9.9	24.19
1033	40.7500	116.3276	-382.8	306	TVU	0	0	0	0	69	27.6	2594	74	149	268	2.014	0.556	0.276	9.8	24.19

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1034	40.7500	116.3276	-375.1	302	TVU	0	0	0	0	66	27.5	2647	82	88	264	1.073	0.333	0.311	9.8	24.20
1035	40.7500	116.3276	-375.6	306	TVU	0	0	0	0	74	27.6	2518	73	138	233	1.890	0.592	0.313	9.8	24.20
1036	40.7500	116.3276	-376.8	308	TVU	0	0	0	0	74	27.7	2479	74	171	224	2.311	0.763	0.330	9.9	24.21
1037	40.7500	116.3276	-376.8	311	TVU	0	0	0	0	78	27.7	2612	71	131	310	1.845	0.423	0.229	9.9	24.22
1038	40.7500	116.3276	-382.5	320	TVU	0	0	0	0	63	29.4	2779	75	111	318	1.480	0.349	0.236	9.9	24.22
1039	40.7500	116.3276	-393.1	328	TVU	0	0	0	0	64	29.6	2703	88	154	244	1.750	0.631	0.361	9.9	24.23
1040	40.7500	116.3276	-396.0	342	TVU	0	0	0	0	76	29.9	2644	73	187	271	2.562	0.690	0.269	9.9	24.24
1041	40.7500	116.3276	-392.0	341	TVU	0	0	0	0	76	29.8	2894	78	211	258	2.705	0.818	0.302	10.0	24.24
1042	40.7500	116.3276	-389.9	326	TVU	0	0	0	0	73	29.5	2587	73	134	253	1.836	0.530	0.289	10.0	24.25
1043	40.7500	116.3276	-390.4	321	TVU	0	0	0	0	71	29.4	2630	76	158	257	2.079	0.615	0.296	10.1	24.25
1044	40.7500	116.3276	-389.6	325	TVU	0	0	0	0	76	29.5	2637	97	124	240	1.278	0.517	0.404	10.2	24.26
1045	40.7500	116.3276	-384.6	326	TVU	0	0	0	0	67	29.5	2644	75	102	286	1.360	0.357	0.262	10.2	24.26
1046	40.7500	116.3276	-378.9	323	TVU	0	0	0	0	63	29.5	2605	72	180	223	2.500	0.807	0.323	10.3	24.27
1047	40.7500	116.3276	-378.7	322	TVU	0	0	0	0	66	29.5	2666	64	157	269	2.453	0.584	0.238	10.3	24.27
1048	40.7500	116.3276	-387.2	322	TVU	0	0	0	0	83	29.5	2589	66	98	315	1.485	0.311	0.210	10.3	24.28
1049	40.7500	116.3276	-389.9	326	TVU	0	0	0	0	73	29.5	2678	64	155	271	2.422	0.572	0.236	10.4	24.28
1050	40.7500	116.3276	-385.6	330	TVU	0	0	0	0	73	29.6	2607	59	189	232	3.203	0.815	0.254	10.4	24.29
1052	40.7500	116.3277	-383.4	353	TVU	0	0	0	0	64	30.1	2663	71	179	252	2.521	0.710	0.282	10.4	24.29
1053	40.7500	116.3277	-374.4	356	TVU	0	0	0	0	73	30.1	2718	65	158	263	2.431	0.601	0.247	10.4	24.30
1054	40.7500	116.3277	-369.9	357	QOA3	0	0	0	0	75	30.1	2572	83	188	201	2.265	0.935	0.413	10.4	24.30
1055	40.7500	116.3277	-368.1	355	QOA3	0	0	0	0	63	30.1	2492	70	145	248	2.071	0.585	0.282	10.4	24.31
1056	40.7500	116.3277	-370.2	353	QOA3	0	0	0	0	62	30.1	2542	68	206	215	3.029	0.958	0.316	10.4	24.31
1057	40.7500	116.3277	-374.4	358	QOA3	0	0	0	0	65	30.2	2596	74	214	213	2.892	1.005	0.347	10.5	24.32
1058	40.7500	116.3277	-379.5	366	QOA3	0	0	0	0	76	35.6	2652	61	194	190	3.180	1.021	0.321	10.5	24.33
1059	40.7500	116.3277	-390.7	378	QOA3	0	0	0	0	68	35.9	2660	63	223	231	3.540	0.965	0.273	10.6	24.34
1060	40.7500	116.3277	-396.0	399	QOA3	0	0	0	0	70	36.3	2827	80	80	327	1.000	0.245	0.245	10.6	24.34
1061	40.7500	116.3277	-401.1	421	QOA3	0	0	0	0	68	36.8	2785	69	132	278	1.913	0.475	0.248	10.6	24.34
1062	40.7500	116.3277	-398.9	447	QOA3	0	0	0	0	70	37.3	2880	76	75	308	0.987	0.244	0.247	10.6	24.35
1063	40.7500	116.3277	-392.0	464	QOA3	0	0	0	0	66	37.6	2984	93	135	250	1.452	0.540	0.372	10.6	24.37
1064	40.7500	116.3277	-381.5	431	QOA3	0	0	0	0	63	37.0	2760	90	139	235	1.544	0.591	0.383	10.6	24.37
1065	40.7500	116.3277	-372.3	398	QOA3	0	0	0	0	58	36.3	2743	62	105	283	1.694	0.371	0.219	10.6	24.38
1066	40.7500	116.3277	-372.9	386	QOA3	0	0	0	0	71	36.0	2748	81	128	270	1.580	0.474	0.300	10.6	24.40
1067	40.7500	116.3277	-375.2	382	QOA3	0	0	0	0	73	35.9	2670	67	108	290	1.612	0.372	0.231	10.6	24.41
1068	40.7500	116.3277	-367.9	378	QOA3	0	0	0	0	65	35.9	2587	73	154	249	2.110	0.618	0.293	10.5	24.42
1069	40.7500	116.3277	-354.1	384	QOA3	0	0	0	0	62	36.0	2708	65	186	265	2.862	0.702	0.245	10.6	24.43
1070	40.7500	116.3277	-359.4	391	QOA3	0	0	0	0	69	36.1	2752	84	84	296	1.000	0.284	0.284	10.6	24.43
1071	40.7500	116.3277	-379.8	393	QOA3	0	0	0	0	60	36.2	2611	90	67	261	0.744	0.257	0.345	10.6	24.44
1072	40.7500	116.3277	-400.0	399	QOA3	0	0	0	0	61	36.3	2785	70	192	233	2.743	0.824	0.300	10.6	24.44
1073	40.7500	116.3277	-414.7	408	QOA3	0	0	0	0	59	36.5	2796	76	133	266	1.750	0.500	0.286	10.5	24.45
1074	40.7500	116.3277	-426.9	417	QOA3	0	0	0	0	68	36.7	2936	80	115	294	1.438	0.391	0.272	10.6	24.45
1075	40.7500	116.3277	-434.3	420	QOA3	0	0	0	0	62	36.8	2789	62	185	257	2.984	0.720	0.241	10.5	24.45
1076	40.7500	116.3277	-439.6	418	QOA3	0	0	0	0	66	36.7	2807	102	87	279	0.853	0.312	0.366	10.5	24.46
1077	40.7500	116.3277	-437.9	410	QOA3	0	0	0	0	72	35.5	2668	70	102	293	1.457	0.348	0.239	10.5	24.47
1078	40.7500	116.3277	-430.0	406	QOA3	0	0	0	0	68	35.4	2676	67	220	232	3.284	0.948	0.289	10.5	24.48
1079	40.7500	116.3277	-422.5	407	QOA3	0	0	0	0	56	35.4	2571	75	165	231	2.200	0.714	0.325	10.5	24.48
1080	40.7500	116.3277	-413.4	411	QOA3	0	0	0	0	61	35.5	2656	75	178	237	2.373	0.751	0.316	10.5	24.47
1081	40.7500	116.3277	-404.9	417	QOA3	0	0	0	0	63	35.6	2601	66	88	284	1.333	0.310	0.232	10.5	24.47
1082	40.7500	116.3277	-384.3	422	QOA3	0	0	0	0	56	35.7	2638	57	186	219	3.263	0.849	0.260	10.5	24.47
1083	40.7500	116.3277	-372.5	425	QOA3	0	0	0	0	75	35.8	2581	74	142	252	1.919	0.563	0.294	10.5	24.47
1084	40.7500	116.3277	-361.3	425	QOA3	0	0	0	0	74	35.8	2516	68	56	311	0.824	0.180	0.219	10.5	24.47
1085	40.7500	116.3277	-346.5	429	QA2	0	0	0	0	74	35.9	2537	50	170	295	3.400	0.576	0.169	10.5	24.48
1086	40.7500	116.3277	-335.5	428	QA2	0	0	0	0	70	35.8	2633	70	108	256	1.543	0.422	0.273	10.6	24.48
1087	40.7500	116.3277	-326.8	426	QA2	0	0	0	0	76	35.8	2669	63	138	260	2.190	0.531	0.242	10.6	24.48
1088	40.7500	116.3277	-328.5	426	QA2	0	0	0	0	63	35.8	2519	69	82	275	1.188	0.298	0.251	10.5	24.48

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1089	40.7500	116.3277	-339.3	431	QA2	0	0	0	0	78	35.9	2422	67	141	199	2.104	0.709	0.337	10.5	24.49
1090	40.7500	116.3277	-355.5	435	QA2	0	0	0	0	55	36.0	2529	75	113	214	1.507	0.528	0.350	10.5	24.49
1091	40.7500	116.3277	-370.2	435	QA2	0	0	0	0	63	36.0	2603	75	127	253	1.693	0.502	0.296	10.6	24.49
1092	40.7500	116.3277	-385.0	434	QA2	0	0	0	0	67	36.0	2517	87	71	235	0.816	0.302	0.370	10.6	24.49
1093	40.7500	116.3277	-396.5	434	QA2	0	0	0	0	64	36.0	2500	75	168	177	2.240	0.949	0.424	10.5	24.50
1094	40.7500	116.3277	-402.0	434	QA2	0	0	0	0	69	36.0	2504	56	146	230	2.607	0.635	0.243	10.5	24.50
1095	40.7500	116.3277	-395.3	430	QA2	0	0	0	0	71	35.9	2495	45	143	215	3.178	0.665	0.209	10.4	24.50
1096	40.7500	116.3277	-384.3	425	QA2	0	0	0	0	62	26.6	2360	62	195	156	3.145	1.250	0.397	10.4	24.51
1097	40.7500	116.3277	-374.8	420	QA2	0	0	0	0	66	26.6	2244	63	76	243	1.206	0.313	0.259	10.4	24.51
1098	40.7500	116.3277	-367.3	420	QA2	0	0	0	0	60	26.6	2339	39	148	230	3.795	0.643	0.170	10.4	24.52
1099	40.7500	116.3277	-363.4	416	QA2	0	0	0	0	66	26.5	2205	60	112	206	1.867	0.544	0.291	10.4	24.52
1100	40.7500	116.3277	-364.9	414	QA2	0	0	0	0	65	26.5	2120	45	99	214	2.200	0.463	0.210	10.4	24.52
1101	40.7500	116.3277	-371.7	410	QA2	0	0	0	0	56	26.4	2089	62	51	228	0.823	0.224	0.272	10.3	24.53
1102	40.7500	116.3278	-380.4	406	QA2	0	0	0	0	63	26.3	1994	51	44	177	0.863	0.249	0.288	10.3	24.53
1103	40.7499	116.3278	-388.3	399	QA2	0	0	0	0	70	26.2	2033	50	155	143	3.100	1.084	0.350	10.3	24.53
1104	40.7499	116.3278	-397.8	396	QA2	0	0	0	0	62	26.2	2010	46	83	180	1.804	0.461	0.256	10.3	24.54
1105	40.7499	116.3278	-406.8	389	QA2	0	0	0	0	66	26.1	1784	27	76	200	2.815	0.380	0.135	10.3	24.54
1106	40.7499	116.3278	-408.6	383	QA2	0	0	0	0	62	26.0	1998	32	138	189	4.313	0.730	0.169	10.4	24.55
1107	40.7499	116.3278	-408.2	378	QA2	0	0	0	0	76	25.9	1910	44	93	166	2.114	0.560	0.265	10.5	24.55
1108	40.7499	116.3278	-408.2	372	QA2	0	0	0	0	59	25.8	1917	59	130	121	2.203	1.074	0.488	10.4	24.56
1109	40.7499	116.3278	-409.5	369	QA2	0	0	0	0	62	25.8	1892	39	114	166	2.923	0.687	0.235	10.4	24.56
1110	40.7499	116.3278	-410.5	365	QA2	0	0	1	0	70	25.7	2017	49	26	241	0.531	0.108	0.203	10.3	24.56
1111	40.7499	116.3278	-408.0	366	QA2	0	0	0	0	62	25.7	1900	38	102	202	2.684	0.505	0.188	10.3	24.56
1112	40.7499	116.3278	-401.7	369	QA2	0	0	0	0	69	25.8	1947	41	75	180	1.829	0.417	0.228	10.3	24.56
1113	40.7499	116.3278	-397.3	369	QA2	0	0	0	0	68	25.8	1888	48	58	158	1.208	0.367	0.304	10.3	24.56
1114	40.7499	116.3278	-392.5	367	QA2	0	0	0	0	65	25.7	1904	44	63	200	1.432	0.315	0.220	10.3	24.56
1115	40.7499	116.3278	-389.8	363	QA2	0	0	0	0	66	24.1	1912	34	84	211	2.471	0.398	0.161	10.3	24.56
1116	40.7499	116.3278	-390.1	362	QA2	0	0	0	0	58	24.1	2074	45	82	196	1.822	0.418	0.230	10.4	24.56
1117	40.7499	116.3278	-393.6	361	QA2	0	0	0	0	65	24.1	1898	44	58	187	1.318	0.310	0.235	10.4	24.57
1118	40.7499	116.3278	-402.5	364	QA2	0	0	0	0	64	24.1	2015	36	127	161	3.528	0.789	0.224	10.4	24.56
1119	40.7499	116.3278	-406.1	360	QA2	0	0	0	0	69	24.1	1931	50	71	188	1.420	0.378	0.266	10.3	24.57
1120	40.7499	116.3278	-410.3	359	QA2	0	0	0	0	67	24.1	2030	38	92	201	2.421	0.458	0.189	10.4	24.57
1121	40.7499	116.3278	-412.6	354	QA2	0	0	0	0	62	24.0	1837	32	131	154	4.094	0.851	0.208	10.4	24.57
1122	40.7499	116.3278	-412.6	352	QA2	0	0	0	0	69	23.9	1837	45	51	205	1.133	0.249	0.220	10.3	24.57
1123	40.7499	116.3278	-413.9	354	QA2	0	0	0	0	66	24.0	2066	54	115	186	2.130	0.618	0.290	10.4	24.57
1124	40.7499	116.3278	-414.6	356	QA2	0	0	0	0	68	24.0	1973	34	131	195	3.853	0.672	0.174	10.5	24.57
1125	40.7499	116.3278	-416.6	359	QA2	0	0	0	0	69	24.1	2007	41	37	225	0.902	0.164	0.182	10.5	24.57
1126	40.7499	116.3278	-418.3	361	QA2	0	0	0	0	70	24.1	2011	42	91	191	2.167	0.476	0.220	10.5	24.56
1127	40.7499	116.3278	-423.6	360	QA2	0	0	0	0	56	24.1	1963	60	58	188	0.967	0.309	0.319	10.5	24.56
1128	40.7499	116.3278	-430.1	361	QA2	0	0	0	0	54	24.1	1916	42	76	182	1.810	0.418	0.231	10.5	24.57
1129	40.7499	116.3278	-436.1	360	QA2	0	0	0	0	64	24.1	1941	36	97	219	2.694	0.443	0.164	10.5	24.57
1130	40.7499	116.3278	-444.6	361	QA2	0	0	0	0	69	24.1	1804	33	141	157	4.273	0.898	0.210	10.5	24.56
1131	40.7499	116.3278	-447.8	357	QA2	0	0	0	0	69	24.0	1976	23	133	196	5.783	0.679	0.117	10.5	24.57
1132	40.7499	116.3278	-450.3	356	QA2	0	0	0	0	60	24.0	1890	41	113	210	2.756	0.538	0.195	10.6	24.57
1133	40.7499	116.3278	-449.9	355	QA2	0	0	0	0	69	24.0	1948	38	95	220	2.500	0.432	0.173	10.6	24.57
1134	40.7499	116.3278	-447.6	354	QA2	0	0	0	0	61	25.7	1965	28	131	216	4.679	0.606	0.130	10.5	24.57
1135	40.7499	116.3278	-446.6	355	QA2	0	0	0	0	64	25.7	1915	37	70	206	1.892	0.340	0.180	10.6	24.56
1136	40.7499	116.3278	-442.6	354	QA2	0	0	0	0	73	25.7	2074	36	134	175	3.722	0.761	0.205	10.6	24.57
1137	40.7499	116.3278	-435.4	346	QA2	0	0	0	0	66	25.5	1911	39	67	216	1.718	0.310	0.181	10.5	24.58
1138	40.7499	116.3278	-428.7	348	QA2	0	0	0	0	63	25.6	2012	51	145	167	2.843	0.868	0.305	10.5	24.58
1139	40.7499	116.3278	-423.1	351	QA2	0	0	0	0	71	25.6	1869	44	59	208	1.341	0.284	0.212	10.5	24.57
1140	40.7499	116.3278	-414.6	354	QA2	0	0	0	0	65	25.7	1955	28	228	122	8.143	1.869	0.230	10.5	24.57
1141	40.7499	116.3278	-403.1	356	QA2	0	0	1	0	70	25.7	1989	57	9	246	0.158	0.037	0.232	10.5	24.57
1142	40.7499	116.3278	-382.3	361	QA2	0	0	0	0	78	25.8	1926	36	146	169	4.056	0.864	0.213	10.5	24.57

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1143	40.7499	116.3279	-368.8	358	QA2	0	0	0	0	65	25.7	1904	51	47	215	0.922	0.219	0.237	10.5	24.57
1144	40.7499	116.3279	-354.8	357	QA2	0	0	0	0	56	25.7	1862	40	112	165	2.800	0.679	0.242	10.5	24.57
1145	40.7499	116.3279	-343.1	356	QA2	0	0	0	0	69	25.7	1937	35	152	178	4.343	0.854	0.197	10.6	24.57
1146	40.7499	116.3279	-332.3	354	QA2	0	0	0	0	68	25.7	1944	45	160	139	3.556	1.151	0.324	10.6	24.57
1147	40.7499	116.3279	-322.9	350	QA2	0	0	0	0	66	25.6	1996	42	130	215	3.095	0.605	0.195	10.7	24.57
1148	40.7499	116.3279	-315.4	350	QA2	0	0	0	0	63	25.6	1928	44	134	155	3.045	0.865	0.284	10.7	24.57
1149	40.7499	116.3279	-312.4	345	QA2	0	0	0	0	57	25.5	2016	50	100	191	2.000	0.524	0.262	10.7	24.57
1150	40.7499	116.3279	-312.5	342	QA2	0	0	0	0	69	25.5	1928	54	101	182	1.870	0.555	0.297	10.7	24.58
1151	40.7499	116.3279	-318.5	335	QA2	0	0	0	0	70	25.3	1995	51	51	212	1.000	0.241	0.241	10.7	24.58
1152	40.7499	116.3279	-328.8	335	QA2	0	0	0	0	78	25.3	1948	45	93	180	2.067	0.517	0.250	10.7	24.59
1153	40.7499	116.3279	-344.5	336	QA2	0	0	0	0	66	26.5	2042	40	90	225	2.250	0.400	0.178	10.7	24.58
1154	40.7499	116.3279	-362.2	339	QA2	0	0	0	0	65	26.6	1938	47	103	189	2.191	0.545	0.249	10.7	24.58
1155	40.7499	116.3279	-397.5	341	QA2	0	0	0	0	58	26.6	1934	47	112	185	2.383	0.605	0.254	10.6	24.58
1156	40.7499	116.3279	-412.4	343	QA2	0	0	0	0	60	26.7	1990	53	138	150	2.604	0.920	0.353	10.6	24.58
1157	40.7499	116.3279	-424.4	343	QA2	0	0	0	0	59	26.7	2098	46	110	180	2.391	0.611	0.256	10.5	24.58
1158	40.7499	116.3279	-435.2	336	QA2	0	0	0	0	71	26.5	1889	50	60	176	1.200	0.341	0.284	10.4	24.58
1159	40.7499	116.3279	-443.8	334	QA2	0	0	0	0	68	26.5	1827	52	77	195	1.481	0.395	0.267	10.4	24.58
1160	40.7499	116.3279	-449.3	335	QA2	0	0	0	0	69	26.5	1820	33	82	209	2.485	0.392	0.158	10.4	24.58
1161	40.7499	116.3279	-453.7	338	QA2	0	0	0	0	71	26.6	1956	47	149	156	3.170	0.955	0.301	10.5	24.58
1162	40.7499	116.3279	-453.7	342	QA2	0	0	0	0	64	26.6	1905	31	122	187	3.935	0.652	0.166	10.5	24.58
1163	40.7499	116.3279	-454.2	345	QA2	0	0	0	0	71	26.7	1972	39	81	194	2.077	0.418	0.201	10.4	24.57
1164	40.7499	116.3279	-456.6	347	QA2	0	0	0	0	71	26.7	1965	44	86	184	1.955	0.467	0.239	10.4	24.57
1165	40.7499	116.3279	-458.9	351	QA2	0	0	0	0	59	26.8	2008	53	61	177	1.151	0.345	0.299	10.4	24.57
1166	40.7499	116.3279	-461.1	355	QA2	0	0	0	0	65	26.9	2036	32	43	234	1.344	0.184	0.137	10.3	24.57
1167	40.7499	116.3279	-465.1	350	QA2	0	0	0	0	56	26.8	1948	51	101	180	1.980	0.561	0.283	10.2	24.57
1168	40.7499	116.3279	-460.1	354	QA2	0	0	0	0	69	26.8	1835	55	109	128	1.982	0.852	0.430	10.3	24.57
1169	40.7499	116.3279	-452.1	357	QA2	0	0	0	0	56	26.9	1988	45	119	187	2.644	0.636	0.241	10.2	24.56
1170	40.7499	116.3279	-444.6	359	QA2	0	0	0	0	68	26.9	1903	29	68	202	2.345	0.337	0.144	10.3	24.56
1171	40.7499	116.3279	-438.8	359	QA2	0	0	0	0	66	26.9	1963	45	99	188	2.200	0.527	0.239	10.2	24.56
1172	40.7499	116.3279	-437.1	357	QA2	0	0	0	0	63	29.9	2024	38	105	206	2.763	0.510	0.184	10.1	24.56
1173	40.7499	116.3279	-438.8	360	QA2	0	0	0	0	68	29.9	2074	39	90	197	2.308	0.457	0.198	10.1	24.56
1174	40.7499	116.3279	-444.6	357	QA2	0	0	0	0	65	29.9	1978	51	80	169	1.569	0.473	0.302	10.0	24.56
1175	40.7499	116.3279	-454.8	355	QA2	0	0	0	0	63	29.8	1983	45	57	219	1.267	0.260	0.205	10.0	24.57
1176	40.7499	116.3279	-466.6	354	QA2	0	0	0	0	54	29.8	1897	42	119	177	2.833	0.672	0.237	10.1	24.57
1177	40.7499	116.3279	-479.3	356	QA2	0	0	0	0	57	29.9	1887	51	35	205	0.686	0.171	0.249	10.1	24.56
1178	40.7499	116.3279	-494.8	358	QA2	0	0	0	0	72	29.9	1909	37	72	217	1.946	0.332	0.171	10.1	24.56
1179	40.7499	116.3279	-513.3	354	QA2	0	0	0	0	63	29.8	1987	45	122	187	2.711	0.652	0.241	10.1	24.57
1180	40.7499	116.3279	-515.6	350	QA2	0	0	0	0	67	29.8	1953	46	89	202	1.935	0.441	0.228	10.1	24.57
1181	40.7499	116.3279	-511.4	350	QA2	0	0	0	0	60	29.8	2066	54	93	169	1.722	0.550	0.320	10.2	24.57
1182	40.7499	116.3280	-502.4	351	QA2	0	0	0	0	61	29.8	1890	41	77	185	1.750	0.416	0.238	10.2	24.57
1183	40.7499	116.3280	-494.9	349	QA2	0	0	0	0	72	29.7	1990	54	90	190	1.667	0.474	0.284	10.2	24.56
1184	40.7499	116.3280	-484.8	352	QA2	0	0	0	0	59	29.8	1991	59	69	190	1.169	0.363	0.311	10.2	24.56
1185	40.7499	116.3280	-474.8	358	QA2	0	0	0	0	66	29.9	1973	48	115	153	2.396	0.752	0.314	10.2	24.56
1186	40.7499	116.3280	-466.0	359	QA2	0	0	0	0	65	29.9	2007	43	94	191	2.186	0.492	0.225	10.2	24.56
1187	40.7499	116.3280	-462.3	359	QA2	0	0	0	0	66	29.9	1787	48	89	170	1.854	0.524	0.282	10.1	24.55
1188	40.7499	116.3280	-456.0	365	QA2	0	0	1	0	62	30.0	1780	39	4	239	0.103	0.017	0.163	10.2	24.55
1189	40.7499	116.3280	-450.9	371	QA2	0	0	0	0	57	30.2	1867	52	57	173	1.096	0.329	0.301	10.2	24.55
1190	40.7499	116.3280	-445.9	377	QA2	0	0	0	0	70	30.3	1835	48	111	120	2.313	0.925	0.400	10.1	24.54
1191	40.7499	116.3280	-438.8	383	QA2	0	0	0	0	65	30.8	1859	46	83	152	1.804	0.546	0.303	10.2	24.54
1192	40.7499	116.3280	-436.0	391	QA2	0	0	0	0	69	30.9	1895	39	39	217	1.000	0.180	0.180	10.1	24.53
1193	40.7499	116.3280	-435.2	400	QA2	0	0	1	0	63	31.1	1803	61	26	184	0.426	0.141	0.332	10.1	24.52
1194	40.7499	116.3280	-436.2	402	QA2	0	0	0	0	66	31.1	1905	34	120	184	3.529	0.652	0.185	10.0	24.52
1195	40.7499	116.3280	-437.7	404	QA2	0	0	0	0	70	31.2	1932	39	103	172	2.641	0.599	0.227	10.0	24.51
1196	40.7499	116.3280	-442.1	409	QA2	0	0	0	0	64	31.3	1995	24	152	182	6.333	0.835	0.132	9.9	24.51

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1197	40.7499	116.3280	-444.6	410	QOA3	0	0	0	0	66	31.3	1968	48	53	202	1.104	0.262	0.238	9.9	24.49
1198	40.7499	116.3280	-449.6	411	QOA3	0	0	0	0	67	31.3	1905	43	107	164	2.488	0.652	0.262	9.8	24.48
1199	40.7499	116.3280	-453.3	391	QOA3	0	0	0	0	69	30.9	1844	41	72	176	1.756	0.409	0.233	9.7	24.47
1200	40.7499	116.3280	-459.5	367	QOA3	0	0	0	0	65	30.5	1724	42	74	187	1.762	0.396	0.225	9.7	24.45
1201	40.7499	116.3280	-462.6	355	QOA3	0	0	0	0	68	30.2	1829	48	108	140	2.250	0.771	0.343	9.7	24.43
1202	40.7499	116.3280	-466.8	354	QOA3	0	0	0	0	70	30.2	1977	38	98	179	2.579	0.547	0.212	9.7	24.42
1203	40.7499	116.3280	-471.7	339	QOA3	0	0	0	0	64	29.9	1819	53	122	155	2.302	0.787	0.342	9.7	24.40
1204	40.7499	116.3280	-471.6	322	QOA3	0	0	0	0	70	29.6	2069	34	113	198	3.324	0.571	0.172	9.7	24.38
1205	40.7499	116.3280	-460.5	300	OVI	0	0	0	0	65	29.2	1932	47	165	177	3.511	0.932	0.266	9.7	24.37
1206	40.7499	116.3280	-438.0	301	OVI	0	0	0	0	66	29.2	2152	49	167	220	3.408	0.759	0.223	9.7	24.36
1207	40.7499	116.3280	-416.1	324	OVI	0	0	0	0	66	29.6	2397	67	106	289	1.582	0.367	0.232	9.7	24.32
1208	40.7499	116.3280	-393.0	334	OVI	0	0	0	0	74	29.9	2586	74	123	285	1.662	0.432	0.260	9.7	24.31
1209	40.7499	116.3280	-387.1	345	OVI	0	0	0	0	80	30.1	2773	60	133	325	2.217	0.409	0.185	9.7	24.30
1210	40.7499	116.3280	-395.0	358	TVU	0	0	0	0	67	28.1	2744	68	154	291	2.265	0.529	0.234	9.7	24.29
1211	40.7499	116.3280	-410.2	368	TVU	0	0	0	0	72	28.3	2694	96	131	271	1.365	0.483	0.354	9.7	24.28
1212	40.7499	116.3280	-425.0	367	TVU	0	0	0	0	71	28.2	2766	71	211	257	2.972	0.821	0.276	9.7	24.26
1213	40.7499	116.3280	-438.6	375	TVU	0	0	0	0	58	28.4	2683	76	156	291	2.053	0.536	0.261	9.8	24.25
1214	40.7499	116.3280	-443.7	366	TVU	0	0	0	0	64	28.2	2578	82	170	218	2.073	0.780	0.376	9.7	24.24
1215	40.7499	116.3280	-417.9	348	TVU	0	0	0	0	71	27.9	2642	77	182	249	2.364	0.731	0.309	9.7	24.22
1216	40.7499	116.3280	-409.3	326	TVU	0	0	0	0	70	27.5	2580	62	159	260	2.565	0.612	0.238	9.7	24.20
1217	40.7499	116.3280	-398.1	319	TVU	0	0	0	0	74	27.4	2693	71	196	250	2.761	0.784	0.284	9.8	24.19
1218	40.7499	116.3280	-385.4	312	TVU	0	0	0	0	64	27.2	2554	71	190	230	2.676	0.826	0.309	9.8	24.19
1219	40.7499	116.3281	-378.2	307	TVU	0	0	0	0	73	27.2	2408	80	131	238	1.638	0.550	0.336	9.7	24.17
1220	40.7499	116.3281	-373.7	309	TVU	0	0	0	0	67	27.2	2578	59	161	268	2.729	0.601	0.220	9.7	24.15
1221	40.7499	116.3281	-373.8	300	TVU	0	0	0	0	66	27.0	2434	65	135	263	2.077	0.513	0.247	9.6	24.14
1222	40.7499	116.3281	-381.5	301	TVU	0	0	0	0	79	27.0	2461	64	164	211	2.563	0.777	0.303	9.6	24.12
1223	40.7499	116.3281	-391.1	314	TVU	0	0	0	0	69	27.3	2361	73	102	319	1.397	0.320	0.229	9.6	24.11
1224	40.7499	116.3281	-401.3	324	TVU	0	0	0	0	71	27.5	2566	65	150	259	2.308	0.579	0.251	9.6	24.10
1225	40.7499	116.3281	-407.5	335	TVU	0	0	0	0	75	27.7	2618	82	104	246	1.268	0.423	0.333	9.5	24.08
1226	40.7499	116.3281	-413.5	356	TVU	0	0	0	0	73	28.1	2683	81	60	292	0.741	0.205	0.277	9.5	24.07
1227	40.7499	116.3281	-427.2	372	TVU	0	0	0	0	76	28.3	2713	46	151	283	3.283	0.534	0.163	9.4	24.05
1228	40.7499	116.3281	-427.1	379	TVU	0	0	0	0	67	28.5	2745	74	126	245	1.703	0.514	0.302	9.4	24.06
1229	40.7499	116.3281	-424.2	369	TVU	0	0	0	0	68	29.4	2619	66	75	320	1.136	0.234	0.206	9.4	24.04
1230	40.7499	116.3281	-401.7	338	TVU	0	0	0	0	71	28.8	2622	66	156	255	2.364	0.612	0.259	9.3	24.03
1231	40.7499	116.3281	-390.1	322	TVU	0	0	0	0	67	28.5	2460	56	112	236	2.000	0.475	0.237	9.2	24.02
1232	40.7499	116.3281	-376.9	343	TVU	0	0	0	0	69	28.9	2450	51	165	220	3.235	0.750	0.232	9.1	24.01
1233	40.7499	116.3281	-367.9	371	TVU	0	0	0	0	73	29.4	2578	84	123	214	1.464	0.575	0.393	9.1	24.00
1234	40.7499	116.3281	-356.0	393	TVU	0	0	0	0	74	29.8	2536	66	91	286	1.379	0.318	0.231	9.0	24.01
1235	40.7499	116.3281	-355.6	411	TVU	0	0	0	0	80	30.1	2439	68	162	209	2.382	0.775	0.325	9.0	24.00
1236	40.7499	116.3281	-369.4	437	TVU	0	0	0	0	70	30.6	2477	63	83	252	1.317	0.329	0.250	8.9	24.01
1237	40.7499	116.3281	-393.6	463	TVU	0	0	0	0	76	31.0	2411	43	62	294	1.442	0.211	0.146	8.8	24.01
1238	40.7499	116.3281	-420.7	485	TVU	0	0	0	0	71	31.3	2406	56	128	203	2.286	0.631	0.276	8.9	24.01
1239	40.7499	116.3281	-454.2	485	TVU	0	0	0	0	75	31.3	2259	73	106	167	1.452	0.635	0.437	8.8	24.00
1240	40.7499	116.3281	-459.5	476	TVU	0	0	0	0	73	31.2	2271	43	116	216	2.698	0.537	0.199	8.8	24.01
1241	40.7499	116.3281	-465.0	475	TVU	0	0	0	0	74	31.2	2137	60	93	230	1.550	0.404	0.261	8.8	24.02
1242	40.7499	116.3281	-471.9	462	TVU	0	0	0	0	70	31.0	2032	28	138	184	4.929	0.750	0.152	8.8	24.03
1243	40.7499	116.3281	-482.4	429	TVU	0	0	0	0	71	30.4	1953	50	107	154	2.140	0.695	0.325	8.9	24.04
1244	40.7499	116.3281	-493.1	413	TVU	0	0	0	0	58	30.1	1908	50	68	197	1.360	0.345	0.254	8.9	24.05
1245	40.7499	116.3281	-500.1	409	TVU	0	0	0	0	70	30.1	1971	51	142	149	2.784	0.953	0.342	8.9	24.06
1246	40.7499	116.3281	-503.3	412	TVU	0	0	0	0	70	30.1	2041	49	111	179	2.265	0.620	0.274	8.9	24.07
1247	40.7499	116.3281	-502.5	415	TVU	0	0	0	0	73	30.2	2077	49	115	158	2.347	0.728	0.310	8.9	24.08
1248	40.7499	116.3281	-499.8	418	TVU	0	0	0	0	68	29.6	2030	38	129	175	3.395	0.737	0.217	8.9	24.10
1249	40.7499	116.3281	-496.7	419	TVU	0	0	0	0	65	29.6	1909	31	131	154	4.226	0.851	0.201	8.8	24.10
1250	40.7499	116.3281	-497.8	413	TVU	0	0	0	0	70	29.5	2028	48	140	158	2.917	0.886	0.304	8.8	24.11

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1251	40.7499	116.3281	-511.1	407	TVU	0	0	0	0	64	29.4	2029	45	86	172	1.911	0.500	0.262	8.8	24.11
1252	40.7499	116.3281	-519.9	396	TVU	0	0	0	0	62	29.2	2063	38	116	166	3.053	0.699	0.229	8.8	24.12
1253	40.7499	116.3281	-527.0	390	TVU	0	0	0	0	67	29.1	2027	55	112	137	2.036	0.818	0.401	8.7	24.13
1254	40.7499	116.3281	-532.0	387	TVU	0	0	0	0	67	29.0	2041	46	115	172	2.500	0.669	0.267	8.7	24.14
1255	40.7499	116.3281	-530.8	383	TVU	0	0	0	0	71	29.0	1955	54	42	163	0.778	0.258	0.331	8.7	24.14
1256	40.7499	116.3281	-525.1	377	TVU	0	0	0	0	65	28.9	1991	52	103	166	1.981	0.620	0.313	8.6	24.15
1257	40.7499	116.3282	-512.8	378	TVU	0	0	0	0	71	28.9	1906	28	128	182	4.571	0.703	0.154	8.6	24.15
1258	40.7499	116.3282	-496.7	391	TVU	0	0	0	0	67	29.1	1898	40	149	144	3.725	1.035	0.278	8.6	24.16
1259	40.7499	116.3282	-478.1	403	TVU	0	0	0	0	76	29.3	2018	46	96	170	2.087	0.565	0.271	8.5	24.16
1260	40.7499	116.3282	-453.7	400	TVU	0	0	0	0	63	29.3	2085	45	151	130	3.356	1.162	0.346	8.5	24.16
1261	40.7499	116.3282	-428.8	382	TVU	0	0	0	0	76	29.0	1959	58	59	150	1.017	0.393	0.387	8.4	24.17
1262	40.7499	116.3282	-406.6	381	TVU	0	0	0	0	64	28.9	2018	48	139	142	2.896	0.979	0.338	8.3	24.18
1263	40.7499	116.3282	-371.3	380	TVU	0	0	0	0	72	28.9	2107	43	139	146	3.233	0.952	0.295	8.3	24.18
1264	40.7499	116.3282	-350.3	383	TVU	0	0	0	0	76	29.0	1877	46	55	202	1.196	0.272	0.228	8.2	24.19
1265	40.7499	116.3282	-327.7	388	TVU	0	0	0	0	74	29.1	1870	63	119	154	1.889	0.773	0.409	8.3	24.19
1266	40.7499	116.3282	-307.2	393	TVU	0	0	0	0	68	29.2	1838	51	112	152	2.196	0.737	0.336	8.3	24.19
1267	40.7499	116.3282	-288.4	397	TVU	0	0	0	0	67	28.3	1867	55	43	190	0.782	0.226	0.289	8.3	24.20
1268	40.7499	116.3282	-269.9	398	TVU	0	0	0	0	61	28.3	1985	54	103	151	1.907	0.682	0.358	8.2	24.21
1269	40.7499	116.3282	-250.6	403	TVU	0	0	0	0	69	28.4	1957	59	137	103	2.322	1.330	0.573	8.2	24.21
1270	40.7499	116.3282	-236.1	412	TVU	0	0	0	0	70	28.5	1936	38	193	98	5.079	1.969	0.388	8.1	24.22
1271	40.7499	116.3282	-217.9	403	TVU	0	0	0	0	67	28.4	1839	35	176	119	5.029	1.479	0.294	8.2	24.22
1272	40.7499	116.3282	-197.1	402	TVU	0	0	0	0	75	28.4	1942	59	117	147	1.983	0.796	0.401	8.2	24.23
1273	40.7499	116.3282	-178.6	406	TVU	0	0	0	0	72	28.4	1941	48	120	150	2.500	0.800	0.320	8.2	24.24
1274	40.7499	116.3282	-170.0	418	TVU	0	0	0	0	67	28.6	1965	71	97	174	1.366	0.557	0.408	8.3	24.24
1275	40.7499	116.3282	-168.0	414	TVU	0	0	0	0	68	28.6	1958	43	157	130	3.651	1.208	0.331	8.2	24.25
1276	40.7499	116.3282	-186.6	405	TVU	0	0	0	0	64	28.4	1864	38	139	149	3.658	0.933	0.255	8.2	24.26
1277	40.7499	116.3282	-235.6	403	TVU	0	0	0	0	69	28.4	2018	46	163	116	3.543	1.405	0.397	8.3	24.26
1278	40.7499	116.3282	-301.1	399	TVU	0	0	0	0	69	28.3	1929	46	194	119	4.217	1.630	0.387	8.3	24.26
1279	40.7499	116.3282	-365.9	394	TVU	0	0	0	0	72	28.2	1993	37	154	139	4.162	1.108	0.266	8.2	24.26
1280	40.7499	116.3282	-419.7	395	TVU	0	0	0	0	65	28.2	1985	38	146	181	3.842	0.807	0.210	8.2	24.27
1281	40.7499	116.3282	-454.5	391	TVU	0	0	0	0	66	28.2	1867	55	97	127	1.764	0.764	0.433	8.2	24.27
1282	40.7499	116.3282	-452.1	377	TVU	0	0	0	0	76	27.9	1867	52	139	99	2.673	1.404	0.525	8.3	24.26
1283	40.7499	116.3282	-423.9	368	TVU	0	0	0	0	68	27.8	1992	52	120	147	2.308	0.816	0.354	8.3	24.27
1284	40.7499	116.3282	-392.4	365	TVU	0	0	0	0	71	27.7	1918	50	142	127	2.840	1.118	0.394	8.3	24.28
1285	40.7499	116.3282	-375.3	379	TVU	0	0	0	0	68	28.0	1957	49	104	184	2.122	0.565	0.266	8.3	24.29
1286	40.7499	116.3282	-382.2	367	TVU	0	0	0	0	73	27.2	1745	40	129	124	3.225	1.040	0.323	8.3	24.29
1287	40.7499	116.3282	-358.6	347	TVU	0	0	0	0	63	26.9	1815	32	144	158	4.500	0.911	0.203	8.3	24.29
1288	40.7499	116.3282	-315.2	337	TVU	0	0	0	0	60	26.7	1845	39	113	167	2.897	0.677	0.234	8.3	24.29
1289	40.7499	116.3282	-277.7	334	TVU	0	0	0	0	66	26.6	1854	51	158	112	3.098	1.411	0.455	8.3	24.29
1290	40.7499	116.3282	-236.7	335	TVU	0	0	0	0	63	26.7	1908	51	96	141	1.882	0.681	0.362	8.4	24.29
1291	40.7499	116.3282	-184.7	335	TVU	0	0	0	0	74	26.7	1900	50	116	143	2.320	0.811	0.350	8.3	24.29
1292	40.7499	116.3282	-125.2	336	TVU	0	0	0	0	72	26.7	1723	41	52	126	1.268	0.413	0.325	8.3	24.29
1293	40.7499	116.3282	-69.4	344	TVU	0	0	0	0	67	26.8	1773	55	103	114	1.873	0.904	0.482	8.4	24.29
1294	40.7499	116.3283	-38.0	350	TVU	0	0	0	0	69	26.9	1834	40	59	165	1.475	0.358	0.242	8.3	24.30
1295	40.7499	116.3283	-27.0	350	TVU	0	0	0	0	67	26.9	1748	53	111	88	2.094	1.261	0.602	8.3	24.30
1296	40.7499	116.3283	-5.3	345	TVU	0	0	0	0	72	26.8	1687	45	73	128	1.622	0.570	0.352	8.3	24.30
1297	40.7499	116.3283	5.6	342	TVU	0	0	0	0	71	26.8	1705	38	114	118	3.000	0.966	0.322	8.3	24.31
1298	40.7499	116.3283	-20.1	344	TVU	0	0	0	0	69	26.8	1712	44	94	123	2.136	0.764	0.358	8.3	24.31
1299	40.7499	116.3283	-95.1	342	TVU	0	0	0	0	63	26.8	1593	62	78	95	1.258	0.821	0.653	8.3	24.31
1300	40.7499	116.3283	-115.1	341	TVU	0	0	0	0	74	26.8	1612	47	67	108	1.426	0.620	0.435	8.4	24.31
1301	40.7499	116.3283	-127.9	344	TVU	0	0	0	0	70	26.8	1745	45	135	116	3.000	1.164	0.388	8.4	24.31
1302	40.7499	116.3283	-136.8	346	TVU	0	0	0	0	61	26.8	1846	58	93	125	1.603	0.744	0.464	8.4	24.32
1303	40.7499	116.3283	-128.1	347	TVU	0	0	0	0	73	26.9	1723	45	128	93	2.844	1.376	0.484	8.4	24.32
1304	40.7499	116.3283	-127.8	356	TVU	0	0	0	0	74	27.0	1670	29	146	90	5.034	1.622	0.322	8.4	24.32

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1305	40.7499	116.3283	-167.1	369	TVU	0	0	0	0	59	26.0	1727	51	161	99	3.157	1.626	0.515	8.5	24.32
1306	40.7499	116.3283	-224.4	373	TVU	0	0	0	0	69	26.0	1825	28	159	127	5.679	1.252	0.220	8.5	24.32
1307	40.7499	116.3283	-252.8	354	TVU	0	0	0	0	67	25.7	1732	22	158	106	7.182	1.491	0.208	8.5	24.33
1308	40.7499	116.3283	-252.3	348	TVU	0	0	0	0	59	25.6	1769	37	155	135	4.189	1.148	0.274	8.5	24.33
1309	40.7499	116.3283	-241.3	349	TVU	0	0	0	0	64	25.7	1732	31	167	126	5.387	1.325	0.246	8.5	24.33
1310	40.7499	116.3283	-238.0	359	TVU	0	0	0	0	68	25.8	1788	42	123	138	2.929	0.891	0.304	8.6	24.34
1311	40.7499	116.3283	-238.2	363	TVU	0	0	0	0	65	25.9	1709	46	144	137	3.130	1.051	0.336	8.7	24.34
1312	40.7499	116.3283	-247.1	366	TVU	0	0	0	0	61	25.9	1800	42	174	119	4.143	1.462	0.353	8.8	24.35
1313	40.7499	116.3283	-258.9	368	TVU	0	0	0	0	73	26.0	1801	49	91	155	1.857	0.587	0.316	8.9	24.34
1314	40.7499	116.3283	-273.6	371	TVU	0	0	0	0	67	26.0	1852	40	161	125	4.025	1.288	0.320	8.9	24.34
1315	40.7499	116.3283	-289.6	376	TVU	0	0	0	0	61	26.1	1874	59	132	124	2.237	1.065	0.476	8.9	24.35
1316	40.7499	116.3283	-280.5	359	TVU	0	0	0	0	77	25.8	1847	52	103	145	1.981	0.710	0.359	8.9	24.35
1317	40.7499	116.3283	-257.3	352	TVU	0	0	0	0	62	25.7	1851	49	150	123	3.061	1.220	0.398	8.9	24.36
1318	40.7499	116.3283	-246.5	359	TVU	0	0	0	0	69	25.8	1911	46	161	121	3.500	1.331	0.380	8.9	24.36
1319	40.7499	116.3283	-267.4	370	TVU	0	0	0	0	68	26.0	1816	52	73	145	1.404	0.503	0.359	8.9	24.37
1320	40.7499	116.3283	-298.2	359	TVU	0	0	0	0	67	25.8	1746	53	107	148	2.019	0.723	0.358	9.0	24.37
1321	40.7499	116.3283	-306.0	351	TVU	0	0	0	0	70	25.7	1780	44	98	155	2.227	0.632	0.284	9.0	24.37
1322	40.7499	116.3283	-287.8	351	TVU	0	0	0	0	63	25.7	1731	35	101	190	2.886	0.532	0.184	9.0	24.37
1323	40.7499	116.3283	-259.1	349	TVU	0	0	0	0	66	25.7	1699	51	135	97	2.647	1.392	0.526	9.0	24.37
1324	40.7499	116.3283	-243.8	352	TVU	0	0	0	0	70	30.0	1747	53	47	149	0.887	0.315	0.356	9.0	24.37
1325	40.7499	116.3283	-281.9	366	TVU	0	0	0	0	65	30.3	1697	33	92	165	2.788	0.558	0.200	9.0	24.38
1326	40.7499	116.3283	-333.2	364	TVU	0	0	0	0	68	30.2	1772	46	112	112	2.435	1.000	0.411	9.0	24.38
1327	40.7499	116.3283	-343.9	341	TVU	0	0	0	0	66	29.8	1724	50	96	129	1.920	0.744	0.388	9.0	24.39
1328	40.7499	116.3283	-347.9	332	TVU	0	0	0	0	69	29.6	1778	34	95	145	2.794	0.655	0.234	9.0	24.39
1329	40.7499	116.3283	-378.6	318	TVU	0	0	0	0	68	29.3	1690	56	62	164	1.107	0.378	0.341	9.0	24.40
1330	40.7499	116.3283	-430.7	306	TVU	0	0	0	0	65	29.1	1798	44	144	135	3.273	1.067	0.326	9.0	24.40
1331	40.7499	116.3284	-492.4	304	TVU	0	0	0	0	71	29.1	1853	44	111	156	2.523	0.712	0.282	9.1	24.40
1332	40.7499	116.3284	-556.6	307	TVU	0	0	0	0	66	29.1	1747	37	66	173	1.784	0.382	0.214	9.2	24.40
1333	40.7499	116.3284	-612.0	318	TVU	0	0	0	0	64	29.4	1737	66	73	114	1.106	0.640	0.579	9.1	24.41
1334	40.7499	116.3284	-658.7	330	TVU	0	0	0	0	78	29.6	1585	37	161	82	4.351	1.963	0.451	9.1	24.41
1335	40.7499	116.3284	-691.6	346	TVU	0	0	0	0	71	29.9	1768	47	120	96	2.553	1.250	0.490	9.1	24.42
1336	40.7499	116.3284	-718.4	359	TVU	0	0	0	0	66	30.2	1757	34	140	127	4.118	1.102	0.268	9.1	24.42
1337	40.7499	116.3284	-689.4	339	TVU	0	0	0	0	69	29.8	1693	36	86	151	2.389	0.570	0.238	9.1	24.42
1338	40.7499	116.3284	-646.3	319	TVU	0	0	0	0	64	29.4	1738	40	136	113	3.400	1.204	0.354	9.2	24.42
1339	40.7499	116.3284	-616.4	309	TVU	0	0	0	0	77	29.2	1791	41	139	116	3.390	1.198	0.353	9.2	24.43
1340	40.7499	116.3284	-558.4	303	TVU	0	0	0	0	65	29.0	1772	45	105	134	2.333	0.784	0.336	9.2	24.44
1341	40.7499	116.3284	-452.4	301	TVU	0	0	0	0	67	29.0	1794	39	142	127	3.641	1.118	0.307	9.2	24.44
1342	40.7499	116.3284	-338.4	304	TVU	0	0	0	0	65	29.1	1874	31	184	116	5.935	1.586	0.267	9.2	24.43
1343	40.7499	116.3284	-242.4	306	TVU	0	0	0	0	67	29.0	1894	41	167	121	4.073	1.380	0.339	9.2	24.43
1344	40.7499	116.3284	-162.9	305	TVU	0	0	0	0	68	28.9	1931	43	153	126	3.558	1.214	0.341	9.2	24.44
1345	40.7499	116.3284	-109.9	303	TVU	0	0	0	0	68	28.9	1942	41	150	121	3.659	1.240	0.339	9.3	24.44
1346	40.7499	116.3284	-88.9	303	TVU	0	0	0	0	66	28.9	1885	45	122	165	2.711	0.739	0.273	9.3	24.44
1347	40.7499	116.3284	-91.4	303	TVU	0	0	0	0	71	28.9	1807	43	125	143	2.907	0.874	0.301	9.3	24.45
1348	40.7499	116.3284	-142.6	310	TVU	0	0	0	0	65	29.0	1788	35	171	109	4.886	1.569	0.321	9.4	24.45
1349	40.7499	116.3284	-203.2	325	TVU	0	0	0	0	70	29.3	1834	24	71	181	2.958	0.392	0.133	9.4	24.45
1350	40.7499	116.3284	-275.9	340	QQA3	0	0	0	0	56	29.6	1883	36	131	143	3.639	0.916	0.252	9.5	24.44
1351	40.7499	116.3284	-322.1	340	QQA3	0	0	0	0	77	29.6	1957	36	140	165	3.889	0.848	0.218	9.5	24.44
1352	40.7499	116.3284	-317.6	334	QQA3	0	0	0	0	58	29.5	1930	49	128	119	2.612	1.076	0.412	9.5	24.44
1353	40.7499	116.3284	-288.6	335	QQA3	0	0	0	0	68	29.5	1880	37	127	136	3.432	0.934	0.272	9.5	24.44
1354	40.7499	116.3284	-261.4	333	QQA3	0	0	0	0	63	29.5	1910	45	99	142	2.200	0.697	0.317	9.5	24.44
1355	40.7499	116.3284	-239.7	332	QQA3	0	0	0	0	71	29.5	1840	50	83	152	1.660	0.546	0.329	9.6	24.44
1356	40.7499	116.3284	-220.9	329	QQA3	0	0	0	0	69	29.4	1806	35	171	117	4.886	1.462	0.299	9.5	24.45
1357	40.7499	116.3284	-204.0	326	QQA3	0	0	0	0	65	29.3	1851	49	95	147	1.939	0.646	0.333	9.6	24.45
1358	40.7499	116.3284	-197.2	325	QQA3	0	0	0	0	70	29.3	1920	53	100	121	1.887	0.826	0.438	9.5	24.45

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1359	40.7499	116.3284	-197.7	326	QOA3	0	0	0	0	56	29.3	1947	48	129	145	2.688	0.890	0.331	9.6	24.45
1360	40.7499	116.3284	-200.5	324	QOA3	0	0	0	0	68	29.3	1854	39	95	143	2.436	0.664	0.273	9.6	24.45
1361	40.7499	116.3284	-202.5	326	QOA3	0	0	0	0	72	29.3	1997	26	174	137	6.692	1.270	0.190	9.6	24.45
1362	40.7499	116.3284	-204.7	332	QOA3	0	0	0	0	71	32.0	1982	37	135	128	3.649	1.055	0.289	9.6	24.46
1363	40.7499	116.3284	-204.9	339	QOA3	0	0	0	0	70	32.2	1953	65	50	167	0.769	0.299	0.389	9.6	24.46
1364	40.7499	116.3284	-215.0	346	QOA3	0	0	0	0	63	32.3	1970	58	150	145	2.586	1.034	0.400	9.6	24.46
1365	40.7499	116.3284	-263.8	350	QOA3	0	0	0	0	58	32.4	2241	46	152	180	3.304	0.844	0.256	9.7	24.47
1366	40.7499	116.3284	-377.2	351	QOA3	0	0	0	0	71	32.5	2229	53	139	173	2.623	0.803	0.306	9.7	24.47
1367	40.7499	116.3284	-522.3	349	QOA3	0	0	0	0	66	32.4	2231	43	215	157	5.000	1.369	0.274	9.8	24.47
1368	40.7499	116.3284	-636.5	349	QOA3	0	0	0	0	66	32.4	2377	52	144	219	2.769	0.658	0.237	9.7	24.47
1369	40.7499	116.3285	-690.0	348	QOA3	0	0	0	0	56	32.4	2333	61	133	210	2.180	0.633	0.290	9.8	24.47
1370	40.7499	116.3285	-692.3	351	QOA3	0	0	0	0	67	32.4	2359	53	147	208	2.774	0.707	0.255	9.9	24.47
1371	40.7499	116.3285	-663.0	348	QOA3	0	0	0	0	70	32.4	2358	45	115	264	2.556	0.436	0.170	9.9	24.48
1372	40.7499	116.3285	-574.3	349	QOA3	0	0	0	0	67	32.4	2400	68	58	236	0.853	0.246	0.288	9.9	24.48
1373	40.7499	116.3285	-531.0	348	QOA3	0	0	0	0	73	32.4	2304	68	165	202	2.426	0.817	0.337	10.0	24.47
1374	40.7499	116.3285	-495.0	349	QOA3	0	0	0	0	58	32.4	2359	76	116	214	1.526	0.542	0.355	10.0	24.48
1375	40.7499	116.3285	-463.5	350	QOA3	0	0	0	0	65	32.4	2299	67	139	171	2.075	0.813	0.392	10.0	24.48
1376	40.7499	116.3285	-439.7	353	QOA3	0	0	0	0	68	32.5	2283	72	149	192	2.069	0.776	0.375	10.0	24.48
1377	40.7499	116.3285	-420.5	357	QOA3	0	0	0	0	67	32.6	2342	73	84	264	1.151	0.318	0.277	10.1	24.47
1378	40.7499	116.3285	-404.4	361	QOA3	0	0	0	0	65	32.7	2327	75	116	206	1.547	0.563	0.364	10.1	24.47
1379	40.7499	116.3285	-394.1	366	QOA3	0	0	0	0	71	32.8	2337	71	139	200	1.958	0.695	0.355	10.2	24.47
1380	40.7499	116.3285	-386.3	372	QOA3	0	0	0	0	65	32.9	2396	57	88	247	1.544	0.356	0.231	10.2	24.47
1381	40.7499	116.3285	-379.8	375	QOA3	0	0	0	0	67	35.6	2319	56	131	191	2.339	0.686	0.293	10.2	24.47
1382	40.7499	116.3285	-375.0	382	QOA3	0	0	0	0	58	35.7	2399	73	72	258	0.986	0.279	0.283	10.1	24.47
1383	40.7499	116.3285	-372.8	378	QOA3	0	0	0	0	63	35.6	2191	52	197	168	3.788	1.173	0.310	10.1	24.47
1384	40.7499	116.3285	-374.5	380	QOA3	0	0	0	0	71	35.7	2412	62	144	201	2.323	0.716	0.308	10.1	24.48
1385	40.7499	116.3285	-376.2	383	QOA3	0	0	1	0	63	35.7	2405	88	0	275	0.011	0.004	0.320	10.1	24.47
1386	40.7499	116.3285	-379.9	387	QOA3	0	0	0	0	69	35.8	2225	65	93	243	1.431	0.383	0.267	10.2	24.47
1387	40.7499	116.3285	-383.6	394	QOA3	0	0	0	0	56	36.0	2353	59	158	189	2.678	0.836	0.312	10.2	24.47
1388	40.7499	116.3285	-387.6	397	QOA3	0	0	0	0	67	36.0	2319	64	104	205	1.625	0.507	0.312	10.2	24.47
1389	40.7499	116.3285	-390.1	395	QOA3	0	0	0	0	64	36.0	2317	62	117	179	1.887	0.654	0.346	10.2	24.48
1390	40.7499	116.3285	-393.9	393	QOA3	0	0	0	0	82	36.0	2352	51	154	202	3.020	0.762	0.252	10.2	24.47
1391	40.7499	116.3285	-396.6	396	QOA3	0	0	0	0	64	36.0	2319	77	121	211	1.571	0.573	0.365	10.2	24.47
1392	40.7499	116.3285	-395.3	399	QOA3	0	0	0	0	59	36.1	2361	53	146	232	2.755	0.629	0.228	10.3	24.48
1393	40.7499	116.3285	-398.0	404	QOA3	0	0	1	0	63	36.2	2409	77	13	279	0.169	0.047	0.276	10.4	24.47
1394	40.7499	116.3285	-399.8	402	QOA3	0	0	0	0	72	36.1	2496	75	128	227	1.707	0.564	0.330	10.4	24.48
1395	40.7499	116.3285	-400.8	403	QOA3	0	0	0	0	63	36.2	2365	77	133	197	1.727	0.675	0.391	10.4	24.47
1396	40.7499	116.3285	-403.6	402	QOA3	0	0	0	0	78	36.1	2386	82	115	168	1.402	0.685	0.488	10.4	24.47
1397	40.7499	116.3285	-406.3	404	QOA3	0	0	0	0	62	36.2	2421	77	123	197	1.597	0.624	0.391	10.5	24.47
1398	40.7499	116.3285	-409.3	404	QOA3	0	0	0	0	61	36.2	2540	77	102	229	1.325	0.445	0.336	10.5	24.47
1399	40.7499	116.3285	-412.1	402	QOA3	0	0	0	0	66	36.1	2356	72	138	201	1.917	0.687	0.358	10.4	24.47
1400	40.7499	116.3285	-414.3	398	QP2	0	0	0	0	69	34.1	2331	81	88	255	1.086	0.345	0.318	10.4	24.48
1401	40.7499	116.3285	-415.1	398	QP2	0	0	0	0	70	34.1	2399	71	112	212	1.577	0.528	0.335	10.4	24.48
1402	40.7499	116.3285	-417.3	402	QP2	0	0	0	0	70	34.2	2300	76	105	181	1.382	0.580	0.420	10.5	24.48
1403	40.7499	116.3285	-418.3	401	QP2	0	0	0	0	66	34.2	2240	61	167	210	2.738	0.795	0.290	10.6	24.48
1404	40.7499	116.3285	-420.6	400	QP2	0	0	0	0	63	34.2	2359	54	113	261	2.093	0.433	0.207	10.7	24.48
1405	40.7499	116.3285	-420.8	398	QP2	0	0	0	0	64	34.2	2334	56	109	228	1.946	0.478	0.246	10.6	24.48
1406	40.7499	116.3285	-422.1	396	QP2	0	0	0	0	66	34.1	2306	68	89	267	1.309	0.333	0.255	10.6	24.48
1407	40.7499	116.3285	-420.6	393	QP2	0	0	0	0	76	34.0	2291	55	148	175	2.691	0.846	0.314	10.6	24.48
1408	40.7499	116.3285	-422.1	392	QP2	0	0	0	0	70	34.0	2243	55	106	227	1.927	0.467	0.242	10.6	24.49
1409	40.7499	116.3286	-421.7	390	QP2	0	0	0	0	62	34.0	2207	59	166	184	2.814	0.902	0.321	10.6	24.49
1410	40.7499	116.3286	-420.9	390	QP2	0	0	0	0	74	34.0	2209	61	94	215	1.541	0.437	0.284	10.6	24.49
1411	40.7499	116.3286	-420.4	393	QP2	0	0	0	0	64	34.0	2215	71	52	204	0.732	0.255	0.348	10.6	24.48
1412	40.7499	116.3286	-418.3	400	QP2	0	0	0	0	64	34.2	2227	60	107	241	1.783	0.444	0.249	10.6	24.48

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1413	40.7499	116.3286	-417.0	406	QP2	0	0	0	0	63	34.3	2164	46	132	176	2.870	0.750	0.261	10.6	24.48
1414	40.7499	116.3286	-416.5	404	QP2	0	0	0	0	63	34.3	2240	50	143	209	2.860	0.684	0.239	10.6	24.48
1415	40.7499	116.3286	-415.8	402	QP2	0	0	0	0	66	34.2	2306	60	90	209	1.500	0.431	0.287	10.5	24.48
1416	40.7499	116.3286	-415.4	397	QP2	0	0	0	0	68	34.1	2157	64	131	163	2.047	0.804	0.393	10.5	24.49
1417	40.7499	116.3286	-415.6	398	QP2	0	0	0	0	59	34.1	2192	77	86	135	1.117	0.637	0.570	10.5	24.49
1418	40.7499	116.3286	-415.1	393	QP2	0	0	0	0	66	34.0	2139	64	147	176	2.297	0.835	0.364	10.5	24.49
1419	40.7499	116.3286	-416.1	395	QP2	0	0	0	0	69	31.0	2332	75	56	226	0.747	0.248	0.332	10.6	24.49
1420	40.7499	116.3286	-417.4	394	QP2	0	0	0	0	74	31.0	2332	47	201	197	4.277	1.020	0.239	10.6	24.49
1421	40.7499	116.3286	-414.9	388	QP2	0	0	0	0	67	30.9	2275	53	215	169	4.057	1.272	0.314	10.5	24.50
1422	40.7499	116.3286	-415.7	386	QP2	0	0	0	0	67	30.8	2278	57	163	182	2.860	0.896	0.313	10.6	24.49
1423	40.7499	116.3286	-414.9	391	QP2	0	0	0	0	69	30.9	2273	43	169	226	3.930	0.748	0.190	10.5	24.50
1424	40.7499	116.3286	-417.1	393	QP2	0	0	0	0	66	31.0	2301	60	121	199	2.017	0.608	0.302	10.5	24.50
1425	40.7499	116.3286	-417.1	390	QP2	0	0	0	0	62	30.9	2292	69	156	176	2.261	0.886	0.392	10.5	24.50
1427	40.7499	116.3286	-419.4	393	QP2	0	0	0	0	71	31.0	2163	61	106	208	1.738	0.510	0.293	10.5	24.50
1428	40.7499	116.3286	-418.9	393	QP2	0	0	0	0	63	31.0	2260	47	168	182	3.574	0.923	0.258	10.7	24.50
1429	40.7499	116.3286	-419.2	384	QP2	0	0	0	0	63	30.8	2462	64	123	195	1.922	0.631	0.328	10.7	24.50
1430	40.7499	116.3286	-419.7	384	QP2	0	0	0	0	67	30.8	2254	72	47	238	0.653	0.197	0.303	10.7	24.51
1431	40.7499	116.3286	-419.7	380	QP2	0	0	0	0	68	30.7	2316	48	159	189	3.313	0.841	0.254	10.6	24.50
1432	40.7499	116.3286	-420.8	377	QP2	0	0	0	0	65	30.7	2369	66	109	207	1.652	0.527	0.319	10.7	24.51
1433	40.7499	116.3286	-425.8	374	QP2	0	0	0	0	68	30.6	2391	48	151	207	3.146	0.729	0.232	10.7	24.51
1434	40.7499	116.3286	-427.0	379	QP2	0	0	0	0	73	30.7	2333	73	70	243	0.959	0.288	0.300	10.7	24.51
1435	40.7499	116.3286	-429.5	380	QP2	0	0	0	0	61	30.7	2249	69	97	181	1.406	0.536	0.381	10.7	24.51
1436	40.7499	116.3286	-431.2	382	QP2	0	0	0	0	73	30.8	2235	49	192	190	3.918	1.011	0.258	10.7	24.51
1437	40.7499	116.3286	-432.5	378	QP2	0	0	0	0	64	30.7	2274	59	130	187	2.203	0.695	0.316	10.8	24.51
1438	40.7499	116.3286	-430.8	376	QP2	0	0	0	0	56	30.7	2269	67	95	194	1.418	0.490	0.345	10.8	24.51
1439	40.7499	116.3286	-431.0	375	QP2	0	0	0	0	73	29.0	2204	45	190	213	4.222	0.892	0.211	10.8	24.51
1440	40.7499	116.3286	-434.3	377	QP2	0	0	0	0	62	29.0	2113	53	102	221	1.925	0.462	0.240	10.9	24.51
1441	40.7499	116.3286	-436.2	377	QP2	0	0	0	0	67	29.0	2067	49	83	257	1.694	0.323	0.191	10.9	24.51
1442	40.7499	116.3286	-437.7	378	QP2	0	0	0	0	64	29.0	2193	67	80	240	1.194	0.333	0.279	10.9	24.51
1443	40.7499	116.3286	-437.7	379	QP2	0	0	0	0	71	29.0	2160	40	151	187	3.775	0.807	0.214	10.9	24.51
1444	40.7499	116.3286	-440.0	379	QP2	0	0	0	0	60	29.0	2229	74	124	145	1.676	0.855	0.510	10.9	24.51
1445	40.7499	116.3286	-440.7	379	QP2	0	0	0	0	64	29.0	2192	54	129	203	2.389	0.635	0.266	10.9	24.51
1446	40.7499	116.3286	-441.5	377	QP2	0	0	0	0	65	29.0	2172	67	58	200	0.866	0.290	0.335	10.9	24.51
1447	40.7499	116.3286	-445.0	378	QP2	0	0	0	0	61	29.0	2205	62	94	210	1.516	0.448	0.295	10.8	24.51
1448	40.7499	116.3286	-445.5	376	QP2	0	0	0	0	64	29.0	2196	56	128	160	2.286	0.800	0.350	10.8	24.51
1449	40.7499	116.3287	-447.3	373	QP2	0	0	0	0	71	28.9	1952	55	99	152	1.800	0.651	0.362	10.8	24.51
1450	40.7499	116.3287	-450.0	374	QP2	0	0	0	0	65	29.0	2092	60	112	186	1.867	0.602	0.323	10.8	24.51
1451	40.7499	116.3287	-453.0	377	QP2	0	0	0	0	66	29.0	1952	54	95	168	1.759	0.565	0.321	10.9	24.51
1452	40.7499	116.3287	-458.2	382	QP2	0	0	0	0	61	29.1	1971	48	138	146	2.875	0.945	0.329	10.9	24.51
1453	40.7499	116.3287	-458.4	384	QP2	0	0	0	0	72	29.1	2092	58	90	165	1.552	0.545	0.352	10.9	24.51
1454	40.7499	116.3287	-458.7	382	QP2	0	0	0	0	70	29.1	2151	49	67	225	1.367	0.298	0.218	11.0	24.51
1455	40.7499	116.3287	-461.2	381	QP2	0	0	0	0	64	29.1	2085	47	94	189	2.000	0.497	0.249	10.9	24.51
1456	40.7499	116.3287	-462.5	378	QP2	0	0	0	0	71	29.0	2091	57	165	124	2.895	1.331	0.460	10.9	24.51
1457	40.7499	116.3287	-463.0	372	QP2	0	0	0	0	70	28.9	2144	67	59	204	0.881	0.289	0.328	11.0	24.51
1458	40.7499	116.3287	-464.8	373	QP2	0	0	0	0	73	31.6	2021	62	80	178	1.290	0.449	0.348	11.0	24.51
1459	40.7499	116.3287	-464.7	376	QP2	0	0	0	0	71	31.7	2027	60	107	160	1.783	0.669	0.375	11.1	24.51
1460	40.7499	116.3287	-466.0	380	QP2	0	0	0	0	65	31.8	2029	47	105	251	2.234	0.418	0.187	11.1	24.51
1461	40.7499	116.3287	-464.9	385	QP2	0	0	0	0	62	31.9	2023	52	105	161	2.019	0.652	0.323	11.2	24.50
1462	40.7499	116.3287	-465.9	385	QP2	0	0	0	0	66	31.9	2033	44	125	152	2.841	0.822	0.289	11.3	24.50
1463	40.7499	116.3287	-465.9	386	QP2	0	0	0	0	67	31.9	1944	47	51	200	1.085	0.255	0.235	11.4	24.50
1464	40.7499	116.3287	-469.6	390	QP2	0	0	0	0	67	31.9	1932	59	110	146	1.864	0.753	0.404	11.4	24.50
1465	40.7499	116.3287	-469.1	388	QP2	0	0	0	0	68	31.9	1781	24	114	146	4.750	0.781	0.164	11.5	24.50
1466	40.7499	116.3287	-470.7	383	QP2	0	0	0	0	70	31.8	1891	47	67	200	1.426	0.335	0.235	11.6	24.51
1467	40.7499	116.3287	-470.0	379	QP2	0	0	0	0	67	31.8	1968	45	181	144	4.022	1.257	0.313	11.7	24.51

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1468	40.7499	116.3287	-472.2	381	QP2	0	0	0	0	63	31.8	1950	59	102	143	1.729	0.713	0.413	11.8	24.51
1469	40.7499	116.3287	-468.4	381	QP2	0	0	0	0	60	31.8	1948	54	72	172	1.333	0.419	0.314	11.8	24.51
1470	40.7499	116.3287	-468.2	380	QP2	0	0	1	0	68	31.8	1986	60	20	199	0.333	0.101	0.302	11.9	24.51
1471	40.7499	116.3287	-468.9	381	QP2	0	0	0	0	64	31.8	2025	43	112	172	2.605	0.651	0.250	12.0	24.51
1472	40.7499	116.3287	-468.5	378	QP2	0	0	0	0	61	31.7	1969	47	83	199	1.766	0.417	0.236	11.9	24.51
1473	40.7499	116.3287	-463.7	377	QP2	0	0	0	0	73	31.7	1962	50	101	143	2.020	0.706	0.350	11.9	24.51
1474	40.7499	116.3287	-466.0	374	QP2	0	0	0	0	64	31.6	1875	54	61	164	1.130	0.372	0.329	12.0	24.51
1475	40.7499	116.3287	-463.2	378	QP2	0	0	0	0	65	31.7	1892	38	64	199	1.684	0.322	0.191	12.0	24.51
1476	40.7499	116.3287	-463.7	383	QP2	0	0	0	0	67	31.8	1937	45	63	180	1.400	0.350	0.250	12.1	24.51
1477	40.7499	116.3287	-464.5	380	QP2	0	0	0	0	55	28.8	1928	60	36	151	0.600	0.238	0.397	12.1	24.51
1478	40.7499	116.3287	-464.7	379	QP2	0	0	0	0	59	28.8	1891	43	105	149	2.442	0.705	0.289	12.0	24.51
1479	40.7499	116.3287	-465.8	373	QP2	0	0	0	0	62	28.7	1784	35	184	105	5.257	1.752	0.333	12.0	24.52
1480	40.7499	116.3287	-465.0	369	QP2	0	0	0	0	64	28.6	1782	41	107	126	2.610	0.849	0.325	11.9	24.52
1481	40.7499	116.3287	-461.6	367	QP2	0	0	0	0	62	28.6	1805	44	72	179	1.636	0.402	0.246	12.0	24.52
1482	40.7499	116.3287	-458.6	366	QP2	0	0	0	0	63	28.5	1798	35	78	196	2.229	0.398	0.179	12.0	24.52
1483	40.7499	116.3287	-458.8	363	QP2	0	0	1	0	67	28.5	1699	43	13	205	0.302	0.063	0.210	12.0	24.52
1484	40.7499	116.3287	-458.1	360	QP2	0	0	0	0	68	28.4	1799	50	128	104	2.560	1.231	0.481	12.0	24.52
1485	40.7499	116.3287	-455.1	362	QP2	0	0	0	0	69	28.5	1787	47	81	159	1.723	0.509	0.296	12.0	24.52
1486	40.7499	116.3287	-453.4	360	QP2	0	0	0	0	66	28.4	1882	52	45	196	0.865	0.230	0.265	12.0	24.53
1487	40.7499	116.3287	-452.1	363	QP2	0	0	0	0	67	28.5	1983	49	133	139	2.714	0.957	0.353	12.0	24.53
1488	40.7499	116.3287	-451.3	364	QP2	0	0	0	0	69	28.5	1970	41	106	153	2.585	0.693	0.268	12.0	24.53
1489	40.7499	116.3288	-449.8	368	QP2	0	0	0	0	68	28.6	1968	50	87	169	1.740	0.515	0.296	12.0	24.52
1490	40.7499	116.3288	-449.1	367	QP2	0	0	0	0	69	28.6	1949	62	95	140	1.532	0.679	0.443	11.9	24.52
1491	40.7499	116.3288	-450.1	363	QP2	0	0	0	0	65	28.5	1803	53	46	194	0.868	0.237	0.273	11.9	24.52
1492	40.7499	116.3288	-448.0	368	QP2	0	0	0	0	61	28.6	1876	37	120	135	3.243	0.889	0.274	11.8	24.52
1493	40.7499	116.3288	-444.8	366	QP2	0	0	0	0	59	28.5	1877	54	52	198	0.963	0.263	0.273	11.9	24.52
1494	40.7499	116.3288	-443.8	366	QP2	0	0	0	0	70	28.5	1883	50	86	140	1.720	0.614	0.357	11.8	24.52
1495	40.7499	116.3288	-441.8	364	QP2	0	0	0	0	63	28.5	1843	46	96	144	2.087	0.667	0.319	11.8	24.52
1496	40.7499	116.3288	-442.3	362	QP2	0	0	0	0	60	27.8	1709	46	73	150	1.587	0.487	0.307	11.7	24.52
1497	40.7499	116.3288	-443.8	367	QP2	0	0	0	0	67	27.9	1790	48	45	165	0.938	0.273	0.291	11.7	24.52
1498	40.7499	116.3288	-444.0	374	QP2	0	0	0	0	70	28.0	1775	36	106	128	2.944	0.828	0.281	11.7	24.51
1499	40.7499	116.3288	-443.2	377	QP2	0	0	0	0	65	28.0	1765	17	131	165	7.706	0.794	0.103	11.6	24.51
1500	40.7499	116.3288	-442.2	377	QP2	0	0	0	0	75	28.0	1661	37	59	164	1.595	0.360	0.226	11.6	24.51
1501	40.7499	116.3288	-441.2	378	QP2	0	0	0	0	60	28.1	1828	38	86	158	2.263	0.544	0.241	11.6	24.51
1502	40.7499	116.3288	-442.7	378	QP2	0	0	0	0	68	28.1	1807	39	71	164	1.821	0.433	0.238	11.6	24.51
1503	40.7499	116.3288	-441.7	378	QP2	0	0	0	0	64	28.1	1716	23	91	142	3.9[illegible]	0.641	0.162	11.4	24.51
1504	40.7499	116.3288	-442.9	381	QP2	0	0	0	0	67	28.1	1861	42	79	179	1.881	0.441	0.235	11.4	24.51
1505	40.7499	116.3288	-443.7	380	QP2	0	0	0	0	62	28.1	1789	32	107	139	3.344	0.770	0.230	11.3	24.51
1506	40.7499	116.3288	-445.2	383	QP2	0	0	0	0	59	28.2	1915	35	98	177	2.800	0.554	0.198	11.2	24.51
1507	40.7499	116.3288	-447.1	385	QP2	0	0	0	0	67	28.2	1864	29	150	139	5.357	1.079	0.201	11.2	24.50
1508	40.7499	116.3288	-448.7	382	QP2	0	0	0	0	64	28.1	1858	42	97	165	2.310	0.588	0.255	11.1	24.51
1509	40.7499	116.3288	-448.9	385	QP2	0	0	0	0	67	28.2	1902	38	116	145	3.053	0.800	0.262	11.0	24.51
1510	40.7499	116.3288	-450.2	384	QP2	0	0	0	0	73	28.2	1962	44	96	171	2.182	0.561	0.257	11.0	24.51
1511	40.7499	116.3288	-449.9	384	QP2	0	0	0	0	69	28.2	2014	45	87	178	1.933	0.489	0.253	11.0	24.51
1512	40.7499	116.3288	-451.1	387	QP2	0	0	0	0	61	28.2	1905	34	130	130	3.824	1.000	0.262	10.9	24.51
1513	40.7499	116.3288	-452.8	392	QP2	0	0	0	0	65	28.3	1996	35	77	179	2.200	0.430	0.196	10.8	24.50
1514	40.7499	116.3288	-453.9	388	QP2	0	0	0	0	68	28.2	1950	45	58	199	1.289	0.291	0.226	10.7	24.50
1515	40.7499	116.3288	-455.6	387	QP2	0	0	0	0	71	23.4	2039	47	120	161	2.553	0.745	0.292	10.7	24.51
1516	40.7499	116.3288	-457.6	387	QP2	0	0	0	0	72	23.4	1925	53	79	147	1.491	0.537	0.361	10.5	24.51
1517	40.7499	116.3288	-459.7	380	QP2	0	0	0	0	65	23.3	1932	52	95	172	1.827	0.552	0.302	10.4	24.51
1518	40.7499	116.3288	-461.7	373	QP2	0	0	0	0	65	23.2	1902	40	112	151	2.800	0.742	0.265	10.3	24.52
1519	40.7499	116.3288	-462.5	372	QP2	0	0	0	0	70	23.2	1923	33	137	151	4.152	0.907	0.219	10.2	24.52
1520	40.7499	116.3288	-464.0	372	QP2	0	0	0	0	61	23.2	1965	50	115	182	2.300	0.632	0.275	10.1	24.52
1521	40.7499	116.3288	-466.5	368	QP2	0	0	0	0	66	23.1	1985	35	110	184	3.143	0.598	0.190	10.0	24.52

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1522	40.7499	116.3288	-468.1	362	QP2	0	0	0	0	65	23.0	1882	33	137	163	4.152	0.840	0.202	9.8	24.52
1523	40.7499	116.3288	-469.3	361	QP2	0	0	0	0	70	23.0	1864	47	137	145	2.915	0.945	0.324	9.7	24.52
1524	40.7499	116.3288	-470.0	368	QP2	0	0	0	0	60	23.1	1882	44	99	176	2.250	0.563	0.250	9.7	24.52
1525	40.7499	116.3288	-471.8	370	QP2	0	0	0	0	69	23.2	1933	45	148	144	3.289	1.028	0.313	9.6	24.51
1526	40.7499	116.3288	-473.0	374	QP2	0	0	0	0	62	23.2	1798	37	133	148	3.595	0.899	0.250	9.5	24.51
1527	40.7499	116.3288	-474.2	372	QP2	0	0	0	0	61	23.2	1772	34	138	147	4.059	0.939	0.231	9.5	24.51
1528	40.7499	116.3288	-476.0	376	QP2	0	0	0	0	69	23.2	1690	33	92	168	2.788	0.548	0.196	9.4	24.51
1529	40.7499	116.3289	-477.2	381	QP2	0	0	0	0	61	23.3	1736	35	88	178	2.514	0.494	0.197	9.4	24.50
1530	40.7499	116.3289	-478.4	379	QP2	0	0	0	0	69	23.3	1615	40	107	148	2.675	0.723	0.270	9.4	24.50
1531	40.7499	116.3289	-479.4	381	QP2	0	0	0	0	71	23.3	1777	38	119	157	3.132	0.758	0.242	9.5	24.50
1532	40.7499	116.3289	-477.2	381	QP2	0	0	0	0	71	23.3	1818	45	90	154	2.000	0.584	0.292	9.4	24.50
1533	40.7499	116.3289	-479.4	378	QP2	0	0	0	0	61	23.3	1763	51	74	141	1.451	0.525	0.362	9.4	24.50
1534	40.7499	116.3289	-481.5	377	QP2	0	0	0	0	59	26.8	1743	31	114	159	3.677	0.717	0.195	9.4	24.50
1535	40.7499	116.3289	-482.7	379	QP2	0	0	0	0	67	26.9	1879	33	99	176	3.000	0.563	0.188	9.4	24.50
1536	40.7499	116.3289	-483.4	381	QP2	0	0	0	0	74	26.9	1790	38	144	143	3.789	1.007	0.266	9.4	24.50
1537	40.7499	116.3289	-483.9	386	QP2	0	0	0	0	63	27.0	1958	49	112	133	2.286	0.842	0.368	9.4	24.50
1538	40.7499	116.3289	-483.8	389	QP2	0	0	0	0	67	27.0	1988	47	120	163	2.553	0.736	0.288	9.4	24.49
1539	40.7499	116.3289	-486.8	390	QP2	0	0	0	0	66	27.0	1999	57	64	187	1.123	0.342	0.305	9.4	24.49
1540	40.7499	116.3289	-487.1	393	QP2	0	0	0	0	71	27.1	1969	47	131	164	2.787	0.799	0.287	9.4	24.49
1541	40.7499	116.3289	-488.3	394	QP2	0	0	0	0	60	27.1	1993	62	104	168	1.677	0.619	0.369	9.4	24.49
1542	40.7499	116.3289	-491.0	401	QP2	0	0	0	0	55	27.2	2063	34	107	206	3.147	0.519	0.165	9.4	24.49
1543	40.7499	116.3289	-493.2	406	QP2	0	0	0	0	63	27.3	1994	46	136	154	2.957	0.883	0.299	9.4	24.48
1544	40.7499	116.3289	-493.2	409	QP2	0	0	0	0	61	27.3	1992	46	124	167	2.696	0.743	0.275	9.4	24.48
1545	40.7499	116.3289	-495.4	412	QP2	0	0	0	0	66	27.4	2093	55	131	172	2.382	0.762	0.320	9.5	24.48
1546	40.7499	116.3289	-497.4	415	QP2	0	0	0	0	69	27.4	2031	50	117	178	2.340	0.657	0.281	9.5	24.48
1547	40.7499	116.3289	-498.1	418	QP2	0	0	0	0	75	27.5	1944	43	149	145	3.465	1.028	0.297	9.5	24.47
1548	40.7499	116.3289	-500.6	421	QP2	0	0	0	0	70	27.5	1985	45	116	165	2.578	0.703	0.273	9.5	24.47
1549	40.7499	116.3289	-499.6	417	QP2	0	0	0	0	61	27.5	2129	74	53	184	0.716	0.288	0.402	9.5	24.47
1550	40.7499	116.3289	-501.9	412	QP2	0	0	0	0	66	27.4	2052	58	102	142	1.759	0.718	0.408	9.5	24.48
1551	40.7499	116.3289	-502.2	406	QP2	0	0	0	0	71	27.3	2071	55	62	217	1.127	0.286	0.253	9.5	24.48
1552	40.7499	116.3289	-503.5	400	QP2	0	0	0	0	76	27.2	2050	29	140	173	4.828	0.809	0.168	9.5	24.49
1553	40.7499	116.3289	-505.1	393	QP2	0	0	0	0	64	26.9	2077	47	114	161	2.426	0.708	0.292	9.5	24.49
1554	40.7499	116.3289	-506.1	387	QP2	0	0	0	0	73	26.8	1959	46	85	201	1.848	0.423	0.229	9.5	24.50
1555	40.7499	116.3289	-507.9	381	QP2	0	0	0	0	65	26.7	1982	43	117	177	2.721	0.661	0.243	9.5	24.50
1556	40.7499	116.3289	-507.2	381	QP2	0	0	0	0	65	26.7	2010	35	125	184	3.571	0.679	0.190	9.6	24.50
1557	40.7499	116.3289	-507.2	378	QP2	0	0	0	0	63	26.7	1936	42	159	139	3.786	1.144	0.302	9.6	24.50
1558	40.7499	116.3289	-508.2	374	QP2	0	0	0	0	74	26.6	1980	30	167	169	5.567	0.988	0.178	9.6	24.50
1559	40.7499	116.3289	-508.2	369	QP2	0	0	0	0	61	26.5	1973	44	169	146	3.841	1.158	0.301	9.6	24.51
1560	40.7499	116.3289	-508.3	367	QP2	0	0	0	0	60	26.5	2025	48	140	177	2.917	0.791	0.271	9.6	24.51
1561	40.7499	116.3289	-508.1	361	QP2	0	0	0	0	70	26.4	2047	39	149	167	3.821	0.892	0.234	9.6	24.51
1562	40.7499	116.3289	-508.3	359	QP2	0	0	0	0	76	26.4	1960	46	67	217	1.457	0.309	0.212	9.6	24.51
1563	40.7499	116.3289	-506.9	353	QP2	0	0	0	0	63	26.3	1945	36	174	159	4.833	1.094	0.226	9.6	24.52
1564	40.7499	116.3289	-504.9	350	QP2	0	0	0	0	70	26.2	2034	35	188	147	5.371	1.279	0.238	9.6	24.52
1565	40.7499	116.3289	-504.7	347	QP2	0	0	0	0	69	26.2	1999	43	157	168	3.651	0.935	0.256	9.5	24.53
1566	40.7499	116.3289	-500.7	340	QP2	0	0	0	0	68	26.0	1949	48	90	215	1.875	0.419	0.223	9.5	24.53
1567	40.7499	116.3289	-498.0	336	QP2	0	0	0	0	62	26.0	1944	49	135	161	2.755	0.839	0.304	9.5	24.53
1568	40.7499	116.3289	-497.0	335	QP2	0	0	0	0	65	26.0	1910	30	137	192	4.567	0.714	0.156	9.5	24.53
1569	40.7499	116.3290	-495.3	336	QP2	0	0	0	0	64	26.0	1895	50	121	180	2.420	0.672	0.278	9.5	24.53
1570	40.7499	116.3290	-492.5	336	QP2	0	0	0	0	69	26.0	1864	57	108	164	1.895	0.659	0.348	9.6	24.53
1571	40.7499	116.3290	-490.0	336	QP2	0	0	0	0	66	26.0	1957	39	108	215	2.769	0.502	0.181	9.6	24.53
1572	40.7499	116.3290	-487.8	336	QP2	0	0	0	0	56	26.6	1959	41	164	173	4.000	0.948	0.237	9.6	24.54
1573	40.7499	116.3290	-485.3	338	QP2	0	0	0	0	65	26.6	1920	44	132	217	3.000	0.608	0.203	9.7	24.53
1574	40.7499	116.3290	-484.5	342	QP2	0	0	0	0	72	26.7	1863	38	121	189	3.184	0.640	0.201	9.7	24.53
1575	40.7499	116.3290	-480.9	347	QP2	0	0	0	0	72	26.8	1898	46	73	188	1.587	0.388	0.245	9.8	24.53

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1576	40.7499	116.3290	-479.2	347	QP2	0	0	0	0	64	26.8	2008	43	139	174	3.233	0.799	0.247	9.8	24.53
1577	40.7499	116.3290	-476.2	345	QP2	0	0	0	0	67	26.7	1931	38	136	160	3.579	0.850	0.238	9.8	24.53
1578	40.7499	116.3290	-471.4	346	QP2	0	0	0	0	54	26.7	2010	44	101	204	2.295	0.495	0.216	9.8	24.53
1579	40.7499	116.3290	-469.7	342	QP2	0	0	0	0	69	26.7	1934	46	76	198	1.652	0.384	0.232	9.8	24.53
1580	40.7499	116.3290	-468.2	341	QP2	0	0	0	0	58	26.7	2020	44	105	228	2.386	0.461	0.193	9.8	24.53
1581	40.7499	116.3290	-466.5	338	QP2	0	0	0	0	56	26.6	1935	52	80	197	1.538	0.406	0.264	9.8	24.53
1582	40.7499	116.3290	-465.0	335	QP2	0	0	0	0	71	26.6	1870	38	48	211	1.263	0.227	0.180	9.8	24.54
1583	40.7499	116.3290	-463.0	335	QP2	0	0	0	0	76	26.6	2008	38	113	194	2.974	0.582	0.196	9.8	24.54
1584	40.7499	116.3290	-460.3	334	QP2	0	0	0	0	65	26.5	1801	51	66	186	1.294	0.355	0.274	9.8	24.54
1585	40.7499	116.3290	-458.3	337	QP2	0	0	0	0	63	26.6	1807	45	130	121	2.889	1.074	0.372	9.9	24.54
1586	40.7499	116.3290	-457.0	338	QP2	0	0	0	0	60	26.6	1910	31	111	180	3.581	0.617	0.172	9.9	24.54
1587	40.7499	116.3290	-454.5	339	QP2	0	0	0	0	62	26.6	1847	28	136	161	4.857	0.845	0.174	9.8	24.53
1588	40.7499	116.3290	-454.3	338	QP2	0	0	0	0	68	26.6	1821	44	48	205	1.091	0.234	0.215	9.8	24.53
1589	40.7499	116.3290	-453.2	338	QP2	0	0	0	0	66	26.6	1845	41	85	186	2.073	0.457	0.220	9.9	24.53
1590	40.7499	116.3290	-449.0	340	QP2	0	0	0	0	55	26.6	1906	50	88	214	1.760	0.411	0.234	9.9	24.53
1591	40.7499	116.3290	-448.0	338	QP2	0	0	0	0	60	25.8	1918	48	95	160	1.979	0.594	0.300	9.9	24.53
1592	40.7499	116.3290	-447.3	335	QP2	0	0	0	0	70	25.7	1798	43	109	174	2.535	0.626	0.247	9.8	24.53
1593	40.7499	116.3290	-446.0	336	QP2	0	0	0	0	72	25.7	1782	26	112	185	4.308	0.605	0.141	9.9	24.53
1594	40.7499	116.3290	-444.7	341	QP2	0	0	0	0	66	25.8	1827	43	81	183	1.884	0.443	0.235	10.0	24.53
1595	40.7499	116.3290	-445.0	342	QP2	0	0	0	0	64	25.8	1843	43	29	217	0.674	0.134	0.198	10.0	24.53
1596	40.7499	116.3290	-444.2	343	QP2	0	0	0	0	70	25.8	1779	31	37	199	1.194	0.186	0.156	9.9	24.53
1597	40.7499	116.3290	-442.2	340	QP2	0	0	0	0	70	25.8	1657	29	99	153	3.414	0.647	0.190	9.9	24.53
1598	40.7499	116.3290	-440.4	342	QP2	0	0	0	0	67	25.8	1656	26	85	197	3.269	0.431	0.132	9.9	24.53
1599	40.7499	116.3290	-440.9	345	QP2	0	0	0	0	69	25.9	1680	42	54	187	1.286	0.289	0.225	9.9	24.53
1600	40.7499	116.3290	-439.2	345	QP2	0	0	0	0	65	25.9	1674	43	70	191	1.628	0.366	0.225	9.9	24.52
1601	40.7499	116.3290	-437.7	345	QP2	0	0	0	0	70	25.9	1654	33	122	140	3.697	0.871	0.236	9.9	24.53
1602	40.7499	116.3290	-435.4	347	QP2	0	0	0	0	65	25.9	1719	25	127	151	5.080	0.841	0.166	10.0	24.53
1603	40.7499	116.3290	-429.9	346	QP2	0	0	0	0	65	25.9	1718	21	69	234	3.286	0.295	0.090	10.0	24.53
1604	40.7499	116.3290	-427.9	347	QP2	0	0	0	0	62	25.9	1620	23	136	143	5.913	0.951	0.161	10.0	24.53
1605	40.7499	116.3290	-426.7	348	QP2	0	0	0	0	64	25.9	1621	30	77	158	2.567	0.487	0.190	10.1	24.52
1606	40.7499	116.3290	-424.6	349	QP2	0	0	0	0	61	25.9	1587	28	83	165	2.964	0.503	0.170	10.1	24.52
1607	40.7499	116.3290	-421.4	349	QP2	0	0	0	0	66	25.9	1647	25	104	146	4.160	0.712	0.171	10.2	24.52
1608	40.7499	116.3290	-423.4	348	QP2	0	0	0	0	64	25.9	1612	23	70	172	3.043	0.407	0.134	10.1	24.53
1609	40.7499	116.3290	-425.2	347	QP2	0	0	0	0	68	25.9	1546	29	72	136	2.483	0.529	0.213	10.2	24.52
1610	40.7499	116.3291	-429.4	347	QP2	0	0	0	0	54	33.6	1578	41	66	158	1.610	0.418	0.259	10.3	24.53
1611	40.7499	116.3291	-434.9	347	QP2	0	0	0	0	60	33.6	1658	25	80	182	3.200	0.440	0.137	10.3	24.52
1612	40.7499	116.3291	-442.2	348	QP2	0	0	0	0	59	33.6	1631	31	68	161	2.194	0.422	0.193	10.3	24.53
1613	40.7499	116.3291	-447.4	349	QP2	0	0	0	0	69	33.6	1592	26	58	181	2.231	0.320	0.144	10.4	24.52
1614	40.7499	116.3291	-450.4	353	QP2	0	0	0	0	69	33.7	1497	18	73	167	4.056	0.437	0.108	10.4	24.52
1615	40.7499	116.3291	-445.1	353	QP2	0	0	0	0	62	33.7	1523	36	43	167	1.194	0.257	0.216	10.5	24.52
1616	40.7499	116.3291	-432.8	355	QP2	0	0	0	0	62	33.8	1561	33	38	169	1.152	0.225	0.195	10.6	24.51
1617	40.7499	116.3291	-416.9	354	QP2	0	0	0	0	71	33.8	1558	18	40	179	2.222	0.223	0.101	10.7	24.52
1618	40.7499	116.3291	-397.3	354	QP2	0	0	1	0	74	33.8	1564	37	9	187	0.243	0.048	0.198	10.7	24.52
1619	40.7499	116.3291	-379.8	353	QP2	0	0	0	0	58	33.7	1649	30	81	136	2.700	0.596	0.221	10.8	24.52
1620	40.7499	116.3291	-370.6	350	QP2	0	0	0	0	63	33.7	1627	33	31	183	0.939	0.169	0.180	10.8	24.52
1621	40.7499	116.3291	-368.4	346	QP2	0	0	0	0	60	33.6	1598	24	88	136	3.667	0.647	0.176	10.8	24.52
1622	40.7499	116.3291	-374.2	345	QP2	0	0	0	0	65	33.6	1616	27	42	204	1.556	0.206	0.132	10.8	24.53
1623	40.7499	116.3291	-383.4	343	QP2	0	0	0	0	67	33.5	1594	20	87	141	4.350	0.617	0.142	10.8	24.52
1624	40.7499	116.3291	-394.5	340	QP2	0	0	0	0	68	33.5	1618	21	78	160	3.714	0.488	0.131	10.9	24.53
1625	40.7499	116.3291	-403.2	336	QP2	0	0	0	0	59	33.4	1572	42	38	159	0.905	0.239	0.264	10.9	24.53
1626	40.7499	116.3291	-410.3	333	QP2	0	0	0	0	66	33.3	1687	29	35	206	1.207	0.170	0.141	10.9	24.53
1627	40.7499	116.3291	-416.3	332	QP2	0	0	0	0	63	33.3	1734	31	69	192	2.226	0.359	0.161	10.9	24.53
1628	40.7499	116.3291	-415.8	336	QP2	0	0	0	0	75	33.4	1718	21	117	156	5.571	0.750	0.135	11.0	24.53
1629	40.7499	116.3291	-415.2	341	QP2	0	0	0	0	66	33.8	1798	26	94	191	3.615	0.492	0.136	11.0	24.53

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1630	40.7499	116.3291	-414.4	344	QP2	0	0	0	0	67	33.9	1829	38	52	198	1.368	0.263	0.192	11.0	24.53
1631	40.7499	116.3291	-413.7	343	QP2	0	0	0	0	67	33.9	1732	35	79	160	2.257	0.494	0.219	11.0	24.52
1632	40.7499	116.3291	-412.4	344	QP2	0	0	0	0	64	33.9	1827	40	81	169	2.025	0.479	0.237	11.1	24.52
1633	40.7499	116.3291	-411.2	345	QP2	0	0	0	0	63	33.9	1815	29	85	187	2.931	0.455	0.155	11.0	24.52
1634	40.7499	116.3291	-410.7	346	QP2	0	0	0	0	67	33.9	1847	29	140	130	4.828	1.077	0.223	11.0	24.52
1635	40.7499	116.3291	-410.7	345	QP2	0	0	0	0	57	33.9	1789	34	97	158	2.853	0.614	0.215	11.0	24.53
1636	40.7499	116.3291	-411.4	343	QP2	0	0	0	0	58	33.9	1716	37	66	189	1.784	0.349	0.196	11.0	24.53
1637	40.7499	116.3291	-411.5	340	QP2	0	0	0	0	67	33.8	1655	36	42	169	1.167	0.249	0.213	11.0	24.53
1638	40.7499	116.3291	-412.0	339	QP2	0	0	0	0	66	33.8	1671	27	78	151	2.889	0.517	0.179	11.0	24.53
1639	40.7499	116.3291	-412.2	336	QP2	0	0	0	0	57	33.7	1638	45	33	178	0.733	0.185	0.253	11.0	24.53
1640	40.7499	116.3291	-412.8	334	QP2	0	0	0	0	64	33.7	1725	38	91	122	2.395	0.746	0.311	10.9	24.53
1641	40.7499	116.3291	-412.0	333	QP2	0	0	0	0	63	33.7	1706	21	56	197	2.667	0.284	0.107	10.9	24.53
1642	40.7499	116.3291	-410.5	335	QP2	0	0	0	0	75	33.7	1699	29	60	171	2.069	0.351	0.170	10.9	24.53
1643	40.7499	116.3291	-410.2	338	QP2	0	0	0	0	62	33.8	1812	37	125	145	3.378	0.862	0.255	10.9	24.53
1644	40.7499	116.3291	-408.5	339	QP2	0	0	0	0	61	33.8	1966	58	57	169	0.983	0.337	0.343	11.0	24.53
1645	40.7499	116.3291	-406.5	339	QP2	0	0	0	0	63	33.8	1926	37	95	188	2.568	0.505	0.197	10.9	24.53
1646	40.7499	116.3291	-403.7	336	QP2	0	0	0	0	62	33.7	1988	54	44	212	0.815	0.208	0.255	10.9	24.53
1647	40.7499	116.3291	-401.3	330	QP2	0	0	0	0	69	33.6	2025	45	63	235	1.400	0.268	0.191	10.9	24.54
1648	40.7499	116.3291	-398.3	329	QP2	0	0	0	0	59	36.4	1969	69	48	203	0.696	0.236	0.340	10.9	24.54
1649	40.7499	116.3291	-394.8	328	QP2	0	0	0	0	64	36.4	1982	70	61	173	0.871	0.353	0.405	10.9	24.54
1650	40.7499	116.3292	-391.8	332	QP2	0	0	0	0	66	36.5	2075	41	106	221	2.585	0.480	0.186	10.9	24.54
1651	40.7499	116.3292	-386.2	332	QP2	0	0	0	0	71	36.5	2111	51	87	215	1.706	0.405	0.237	11.0	24.54
1652	40.7499	116.3292	-383.0	335	QP2	0	0	0	0	63	36.6	2159	52	80	203	1.538	0.394	0.256	11.0	24.54
1653	40.7499	116.3292	-381.5	333	QP2	0	0	0	0	73	36.5	2015	34	124	202	3.647	0.614	0.168	10.9	24.54
1654	40.7499	116.3292	-379.2	334	QP2	0	0	0	0	69	36.6	2116	58	98	182	1.690	0.538	0.319	10.9	24.53
1655	40.7499	116.3292	-376.2	336	QP2	0	0	0	0	69	36.6	2220	49	112	229	2.286	0.489	0.214	10.9	24.53
1656	40.7499	116.3292	-374.7	339	QP2	0	0	0	0	73	36.6	2128	42	124	165	2.952	0.752	0.255	10.8	24.53
1657	40.7499	116.3292	-372.4	339	QP2	0	0	0	0	67	36.7	2102	59	94	189	1.593	0.497	0.312	10.7	24.53
1658	40.7499	116.3292	-370.1	345	QP2	0	0	0	0	63	36.8	2023	46	104	196	2.261	0.531	0.235	10.7	24.52
1659	40.7499	116.3292	-367.9	348	QP2	0	0	0	0	68	36.9	2056	46	57	198	1.239	0.288	0.232	10.7	24.52
1660	40.7499	116.3292	-366.1	349	QP2	0	0	0	0	60	36.9	2153	56	70	207	1.250	0.338	0.271	10.6	24.52
1661	40.7499	116.3292	-363.8	350	QP2	0	0	0	0	71	36.9	2111	51	73	200	1.431	0.365	0.255	10.6	24.52
1662	40.7499	116.3292	-361.6	352	QP2	0	0	0	0	67	37.0	2133	50	119	180	2.380	0.661	0.278	10.5	24.52
1663	40.7499	116.3292	-357.1	353	QP2	0	0	0	0	57	37.0	2096	48	39	246	0.813	0.159	0.195	10.5	24.52
1664	40.7499	116.3292	-355.8	352	QP2	0	0	0	0	62	37.0	1997	55	117	175	2.127	0.669	0.314	10.4	24.52
1665	40.7499	116.3292	-355.1	354	QP2	0	0	0	0	67	37.0	2124	43	123	192	2.860	0.641	0.224	10.4	24.52
1666	40.7499	116.3292	-353.5	358	QP2	0	0	0	0	65	37.1	2086	48	125	173	2.604	0.723	0.277	10.3	24.51
1667	40.7499	116.3292	-352.8	358	QP2	0	0	0	0	70	39.5	2102	41	110	221	2.683	0.498	0.186	10.3	24.51
1668	40.7499	116.3292	-350.3	359	QP2	0	0	1	0	70	39.6	2122	73	-41	254	-0.562	-0.161	0.287	10.3	24.51
1669	40.7499	116.3292	-346.6	356	QP2	0	0	0	0	67	39.5	2128	51	92	205	1.704	0.449	0.263	10.3	24.52
1670	40.7499	116.3292	-346.1	354	QP2	0	0	0	0	61	39.4	2020	48	90	207	1.875	0.435	0.232	10.3	24.52
1671	40.7499	116.3292	-342.3	355	QP2	0	0	0	0	61	39.5	1954	66	46	167	0.697	0.275	0.395	10.3	24.52
1672	40.7499	116.3292	-340.5	360	QP2	0	0	0	0	70	39.6	2075	43	140	138	3.256	1.014	0.312	10.3	24.52
1673	40.7499	116.3292	-340.3	361	QP2	0	0	0	0	75	39.6	1902	30	102	166	3.400	0.614	0.181	10.3	24.51
1674	40.7499	116.3292	-337.7	363	QP2	0	0	0	0	65	39.7	1865	50	63	157	1.260	0.401	0.318	10.2	24.51
1675	40.7499	116.3292	-336.2	363	QP2	0	0	0	0	69	39.7	1975	41	76	167	1.854	0.455	0.246	10.3	24.51
1676	40.7499	116.3292	-334.0	359	QP2	0	0	0	0	67	39.6	1864	55	52	151	0.945	0.344	0.364	10.2	24.52
1677	40.7499	116.3292	-333.3	356	QP2	0	0	0	0	59	39.5	1736	46	72	165	1.565	0.436	0.279	10.2	24.51
1678	40.7499	116.3292	-332.3	360	QP2	0	0	0	0	65	39.6	1905	50	90	152	1.800	0.592	0.329	10.3	24.51
1679	40.7499	116.3292	-331.5	361	QP2	0	0	0	0	71	39.6	1878	54	39	188	0.722	0.207	0.287	10.3	24.51
1680	40.7499	116.3292	-329.8	362	QP2	0	0	0	0	66	39.6	1924	44	72	188	1.636	0.383	0.234	10.3	24.51
1681	40.7499	116.3292	-328.3	357	QP2	0	0	0	0	76	39.5	1915	61	43	192	0.705	0.224	0.318	10.4	24.51
1682	40.7499	116.3292	-327.1	354	QP2	0	0	0	0	63	39.5	1880	47	93	180	1.979	0.517	0.261	10.4	24.51
1683	40.7499	116.3292	-327.3	352	QP2	0	0	0	0	61	39.4	1865	39	96	170	2.462	0.565	0.229	10.4	24.52

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1684	40.7499	116.3292	-328.3	350	QP2	0	0	0	0	72	39.3	1801	49	39	202	0.796	0.193	0.243	10.5	24.52
1685	40.7499	116.3292	-326.4	350	QP2	0	0	0	0	71	39.3	1808	37	53	191	1.432	0.277	0.194	10.5	24.52
1686	40.7499	116.3292	-325.8	353	QP2	0	0	1	0	67	41.7	1838	45	24	200	0.533	0.120	0.225	10.6	24.52
1687	40.7499	116.3292	-326.1	351	QP2	0	0	0	0	59	41.6	1788	44	92	131	2.091	0.702	0.336	10.6	24.51
1688	40.7499	116.3292	-323.6	351	QP2	0	0	0	0	75	41.6	1854	42	101	164	2.405	0.616	0.256	10.6	24.51
1689	40.7499	116.3292	-323.1	350	QP2	0	0	0	0	69	41.6	1799	50	64	141	1.280	0.454	0.355	10.6	24.52
1690	40.7499	116.3293	-323.6	347	QP2	0	0	0	0	65	41.5	1791	55	47	148	0.855	0.318	0.372	10.6	24.52
1691	40.7499	116.3293	-323.4	347	QP2	0	0	0	0	63	41.5	1832	37	92	180	2.486	0.511	0.206	10.6	24.52
1692	40.7499	116.3293	-323.9	348	QP2	0	0	0	0	74	41.5	1868	56	51	183	0.911	0.279	0.306	10.6	24.52
1693	40.7499	116.3293	-322.9	348	QP2	0	0	0	0	62	41.5	1893	30	87	168	2.900	0.518	0.179	10.7	24.52
1694	40.7499	116.3293	-323.1	348	QP2	0	0	0	0	65	41.5	1873	60	76	136	1.267	0.559	0.441	10.7	24.52
1695	40.7499	116.3293	-322.6	349	QP2	0	0	0	0	58	41.5	1768	38	74	168	1.947	0.440	0.226	10.7	24.52
1696	40.7499	116.3293	-321.1	345	QP2	0	0	0	0	76	41.4	1765	49	82	146	1.673	0.562	0.336	10.8	24.52
1697	40.7499	116.3293	-320.4	342	QP2	0	0	0	0	63	41.4	1802	39	52	163	1.333	0.319	0.239	10.8	24.52
1698	40.7499	116.3293	-320.9	343	QP2	0	0	0	0	62	41.4	1688	44	100	136	2.273	0.735	0.324	10.8	24.53
1699	40.7499	116.3293	-322.2	341	QP2	0	0	0	0	61	41.3	1661	35	71	154	2.029	0.461	0.227	10.8	24.53
1700	40.7499	116.3293	-319.9	339	QP2	0	0	0	0	61	41.3	1670	23	100	160	4.348	0.625	0.144	10.8	24.53
1701	40.7499	116.3293	-321.7	338	QP2	0	0	0	0	73	41.2	1731	40	39	148	0.975	0.264	0.270	10.9	24.53
1702	40.7499	116.3293	-321.2	335	QP2	0	0	0	0	69	41.2	1669	37	76	117	2.054	0.650	0.316	10.9	24.53
1703	40.7499	116.3293	-320.0	335	QP2	0	0	0	0	71	41.2	1720	47	100	143	2.128	0.699	0.329	10.8	24.53
1704	40.7499	116.3293	-320.0	336	QP2	0	0	0	0	62	41.2	1711	39	68	149	1.744	0.456	0.262	10.9	24.53
1705	40.7499	116.3293	-320.4	337	QP2	0	0	0	0	63	39.7	1687	46	89	136	1.935	0.654	0.338	10.9	24.53
1706	40.7499	116.3293	-319.9	337	QP2	0	0	0	0	64	39.7	1730	42	28	188	0.667	0.149	0.223	10.9	24.53
1707	40.7499	116.3293	-319.7	336	QP2	0	0	0	0	67	39.7	1721	31	38	209	1.226	0.182	0.148	11.0	24.53
1708	40.7499	116.3293	-320.7	335	QP2	0	0	0	0	61	39.7	1772	48	79	156	1.646	0.506	0.308	11.0	24.54
1709	40.7499	116.3293	-321.5	329	QP2	0	0	0	0	65	39.5	1808	38	120	148	3.158	0.811	0.257	11.1	24.54
1710	40.7499	116.3293	-320.0	325	QP2	0	0	0	0	69	39.4	1766	38	72	194	1.895	0.371	0.196	11.1	24.54
1711	40.7499	116.3293	-319.6	321	QP2	0	0	0	0	65	39.3	1785	46	66	173	1.435	0.382	0.266	11.1	24.54
1712	40.7499	116.3293	-319.3	321	QP2	0	0	0	0	73	39.3	1823	36	114	168	3.167	0.679	0.214	11.2	24.55
1713	40.7499	116.3293	-319.3	320	QP2	0	0	0	0	58	39.3	1878	41	36	236	0.878	0.153	0.174	11.2	24.55
1714	40.7499	116.3293	-319.3	318	QP2	0	0	0	0	78	39.2	1876	45	113	150	2.511	0.753	0.300	11.2	24.55
1715	40.7499	116.3293	-319.1	317	QP2	0	0	0	0	67	39.2	1827	46	73	161	1.587	0.453	0.286	11.2	24.55
1716	40.7499	116.3293	-317.9	316	QP2	0	0	0	0	70	39.2	1809	45	44	171	0.978	0.257	0.263	11.2	24.55
1717	40.7499	116.3293	-316.9	315	QP2	0	0	0	0	68	39.1	1798	49	173	88	3.531	1.966	0.557	11.2	24.55
1718	40.7499	116.3293	-316.3	317	QP2	0	0	0	0	64	39.2	1828	42	58	178	1.381	0.326	0.236	11.3	24.55
1719	40.7499	116.3293	-314.8	319	QP2	0	0	0	0	65	39.3	1977	44	111	163	2.523	0.681	0.270	11.3	24.55
1720	40.7499	116.3293	-314.8	317	QP2	0	0	0	0	73	39.2	1866	49	57	184	1.163	0.310	0.266	11.3	24.55
1721	40.7499	116.3293	-315.1	313	QP2	0	0	1	0	73	39.1	1820	49	12	205	0.245	0.059	0.239	11.3	24.55
1722	40.7499	116.3293	-314.4	312	QP2	0	0	1	0	70	39.1	1776	51	4	226	0.078	0.018	0.226	11.3	24.55
1723	40.7499	116.3293	-312.6	312	QP2	0	0	0	0	69	39.1	1846	52	94	180	1.808	0.522	0.289	11.3	24.55
1724	40.7499	116.3293	-311.2	309	QP2	0	0	0	0	69	28.7	1778	39	72	170	1.846	0.424	0.229	11.4	24.55
1725	40.7499	116.3293	-310.9	307	QP2	0	0	0	0	68	28.7	1802	58	90	129	1.552	0.698	0.450	11.5	24.56
1726	40.7499	116.3293	-308.9	309	QP2	0	0	0	0	66	28.7	1804	35	65	203	1.857	0.320	0.172	11.5	24.56
1727	40.7499	116.3293	-309.7	307	QP2	0	0	0	0	68	28.7	1945	45	78	227	1.733	0.344	0.198	11.6	24.56
1728	40.7499	116.3293	-309.4	311	QP2	0	0	0	0	65	28.8	1916	47	69	204	1.468	0.338	0.230	11.5	24.55
1729	40.7499	116.3293	-308.1	313	QP2	0	0	0	0	67	28.8	1895	41	93	190	2.268	0.489	0.216	11.5	24.55
1730	40.7499	116.3294	-307.9	313	QP2	0	0	0	0	64	28.8	1908	46	75	210	1.630	0.357	0.219	11.5	24.55
1731	40.7499	116.3294	-306.4	315	QP2	0	0	0	0	64	28.8	1886	38	81	190	2.132	0.426	0.200	11.5	24.55
1732	40.7499	116.3294	-305.9	315	QP2	0	0	0	0	75	28.8	1890	46	38	211	0.826	0.180	0.218	11.4	24.55
1733	40.7499	116.3294	-305.6	314	QP2	0	0	0	0	66	28.8	1839	35	64	212	1.829	0.302	0.165	11.4	24.55
1734	40.7499	116.3294	-305.1	313	QP2	0	0	0	0	57	28.8	1956	50	139	158	2.780	0.880	0.316	11.4	24.55
1735	40.7499	116.3294	-303.6	312	QP2	0	0	0	0	70	28.8	1847	62	31	214	0.500	0.145	0.290	11.3	24.55
1736	40.7499	116.3294	-301.2	308	QP2	0	0	0	0	59	28.7	1819	47	46	191	0.979	0.241	0.246	11.2	24.56
1737	40.7499	116.3294	-300.9	305	QP2	0	0	0	0	68	28.6	1915	42	138	172	3.286	0.802	0.244	11.2	24.56

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1738	40.7499	116.3294	-300.9	305	QP2	0	0	0	0	64	28.6	1843	36	115	178	3.194	0.646	0.202	11.2	24.56
1739	40.7499	116.3294	-299.9	305	QP2	0	0	0	0	64	28.6	1827	39	73	178	1.872	0.410	0.219	11.1	24.56
1740	40.7499	116.3294	-297.7	305	QP2	0	0	0	0	70	28.6	1894	40	80	210	2.000	0.381	0.190	11.1	24.56
1741	40.7499	116.3294	-298.9	304	QP2	0	0	0	0	61	28.6	1950	48	98	199	2.042	0.492	0.241	11.1	24.56
1742	40.7499	116.3294	-297.4	305	QP2	0	0	0	0	66	28.6	1812	23	168	176	7.304	0.955	0.131	11.1	24.56
1743	40.7499	116.3294	-296.9	307	QP2	0	0	0	0	60	27.2	1892	46	84	190	1.826	0.442	0.242	11.1	24.56
1744	40.7499	116.3294	-296.7	307	QP2	0	0	0	0	64	27.2	1865	38	113	160	2.974	0.706	0.238	11.1	24.55
1745	40.7499	116.3294	-297.7	308	QP2	0	0	0	0	68	27.2	1911	50	101	179	2.020	0.564	0.279	11.1	24.56
1746	40.7499	116.3294	-294.4	305	QP2	0	0	0	0	64	27.1	1793	39	42	205	1.077	0.205	0.190	11.0	24.56
1747	40.7499	116.3294	-294.5	304	QP2	0	0	0	0	65	27.1	1788	33	110	158	3.333	0.696	0.209	10.9	24.56
1748	40.7499	116.3294	-293.7	303	QP2	0	0	0	0	65	27.1	1650	46	66	168	1.435	0.393	0.274	10.9	24.56
1749	40.7499	116.3294	-294.7	302	QP2	0	0	0	0	60	27.1	1679	33	112	162	3.394	0.691	0.204	11.0	24.56
1750	40.7499	116.3294	-293.0	302	QP2	0	0	0	0	64	27.1	1663	43	50	153	1.163	0.327	0.281	11.0	24.56
1751	40.7499	116.3294	-293.2	303	QP2	0	0	0	0	64	27.1	1695	42	36	213	0.857	0.169	0.197	10.9	24.56
1752	40.7499	116.3294	-290.7	301	QP2	0	0	0	0	67	27.1	1672	40	53	165	1.325	0.321	0.242	10.9	24.56
1753	40.7499	116.3294	-290.7	299	QP2	0	0	1	0	65	27.0	1541	36	7	209	0.194	0.033	0.172	10.9	24.56
1754	40.7499	116.3294	-289.9	303	QP2	0	0	0	0	67	27.1	1672	41	66	144	1.610	0.458	0.285	10.9	24.56
1755	40.7499	116.3294	-289.7	304	QP2	0	0	0	0	70	27.1	1652	29	75	161	2.586	0.466	0.180	10.8	24.56
1756	40.7499	116.3294	-289.2	304	QP2	0	0	0	0	70	27.1	1639	44	47	174	1.068	0.270	0.253	10.7	24.55
1757	40.7499	116.3294	-289.9	307	QP2	0	0	1	0	67	27.2	1716	38	1	215	0.026	0.005	0.177	10.7	24.55
1758	40.7499	116.3294	-289.1	310	QP2	0	0	0	0	64	27.2	1732	43	63	166	1.465	0.380	0.259	10.7	24.55
1759	40.7499	116.3294	-287.4	307	QP2	0	0	0	0	61	27.2	1703	41	43	177	1.049	0.243	0.232	10.7	24.55
1760	40.7499	116.3294	-286.7	306	QP2	0	0	0	0	66	27.1	1711	45	62	185	1.378	0.335	0.243	10.7	24.56
1761	40.7499	116.3294	-285.7	302	QP2	0	0	0	0	63	27.1	1748	40	132	142	3.300	0.930	0.282	10.6	24.56
1762	40.7499	116.3294	-285.9	304	QP2	0	0	0	0	64	28.1	1809	42	116	147	2.762	0.789	0.286	10.6	24.56
1763	40.7499	116.3294	-286.1	308	QP2	0	0	0	0	62	28.1	1883	52	34	199	0.654	0.171	0.261	10.6	24.55
1764	40.7499	116.3294	-287.2	306	QP2	0	0	0	0	63	28.1	1749	44	49	172	1.114	0.285	0.256	10.5	24.55
1765	40.7499	116.3294	-285.4	309	QP2	0	0	0	0	54	28.2	1803	36	178	143	4.944	1.245	0.252	10.5	24.55
1766	40.7499	116.3294	-285.1	316	QP2	0	0	0	0	71	28.3	1840	50	73	188	1.460	0.388	0.266	10.5	24.55
1767	40.7499	116.3294	-284.1	319	QP2	0	0	0	0	60	28.4	1890	40	98	168	2.450	0.583	0.238	10.6	24.54
1768	40.7499	116.3294	-283.8	324	QP2	0	0	0	0	71	28.4	1881	45	74	165	1.644	0.448	0.273	10.5	24.54
1769	40.7499	116.3294	-282.8	325	QP2	0	0	1	0	67	28.5	1922	40	7	236	0.175	0.030	0.169	10.5	24.54
1770	40.7499	116.3295	-282.5	320	QP2	0	0	0	0	69	28.4	1885	41	78	210	1.902	0.371	0.195	10.3	24.54
1771	40.7499	116.3295	-282.8	317	QP2	0	0	0	0	64	28.3	1931	50	79	193	1.580	0.409	0.259	10.4	24.54
1772	40.7499	116.3295	-282.3	317	QP2	0	0	0	0	63	28.3	1963	57	78	213	1.368	0.366	0.268	10.4	24.54
1773	40.7499	116.3295	-282.8	315	QP2	0	0	0	0	63	28.3	1962	63	62	184	0.984	0.337	0.342	10.4	24.54
1774	40.7499	116.3295	-282.4	314	QP2	0	0	0	0	67	28.3	1977	43	97	201	2.256	0.483	0.214	10.4	24.55
1775	40.7499	116.3295	-282.1	314	QP2	0	0	0	0	74	28.3	2020	47	58	211	1.234	0.275	0.223	10.4	24.55
1776	40.7499	116.3295	-281.6	309	QP2	0	0	0	0	72	28.2	1917	50	103	166	2.060	0.620	0.301	10.3	24.55
1777	40.7499	116.3295	-282.4	304	QP2	0	0	0	0	64	28.1	1289	50	99	167	1.980	0.593	0.299	10.3	24.56
1778	40.7499	116.3295	-283.5	296	QP2	0	0	0	0	68	27.9	1834	36	110	164	3.056	0.671	0.220	10.2	24.56
1779	40.7499	116.3295	-282.0	292	QP2	0	0	0	0	64	27.8	1847	53	37	223	0.698	0.166	0.238	10.2	24.57
1780	40.7499	116.3295	-282.6	289	QP2	0	0	0	0	68	27.8	1750	47	95	150	2.021	0.633	0.313	10.2	24.57
1781	40.7499	116.3295	-283.3	286	QP2	0	0	0	0	64	30.1	1773	28	139	165	4.964	0.842	0.170	10.1	24.57
1782	40.7499	116.3295	-283.1	284	QP2	0	0	0	0	61	30.0	1775	37	61	180	1.649	0.339	0.206	10.0	24.57
1783	40.7499	116.3295	-281.9	281	QP2	0	0	0	0	62	30.0	1832	40	94	185	2.350	0.508	0.216	10.0	24.58
1784	40.7499	116.3295	-282.4	278	QP2	0	0	0	0	68	29.9	1802	37	104	164	2.811	0.634	0.226	10.0	24.58
1785	40.7499	116.3295	-281.4	273	QP2	0	0	0	0	63	29.8	1783	52	146	157	2.808	0.930	0.331	9.9	24.58
1786	40.7499	116.3295	-281.5	265	QP2	0	0	0	0	56	29.6	1726	44	69	154	1.568	0.448	0.286	9.9	24.59
1787	40.7499	116.3295	-282.5	262	QP2	0	0	0	0	63	29.6	1738	32	122	172	3.813	0.709	0.186	9.9	24.59
1788	40.7499	116.3295	-283.3	263	QP2	0	0	0	0	61	29.6	1766	45	106	149	2.356	0.711	0.302	9.9	24.59
1789	40.7499	116.3295	-282.0	260	QP2	0	0	0	0	55	29.5	1834	50	97	152	1.940	0.638	0.329	9.9	24.59
1790	40.7499	116.3295	-281.5	258	QP2	0	0	0	0	58	29.5	1716	46	129	159	2.804	0.811	0.289	9.9	24.59
1791	40.7499	116.3295	-282.8	258	QP2	0	0	0	0	75	29.5	1860	45	60	189	1.333	0.317	0.238	9.9	24.59

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1792	40.7499	116.3295	-285.0	260	QP2	0	0	0	0	70	29.5	1908	57	141	137	2.474	1.029	0.416	9.8	24.59
1793	40.7499	116.3295	-283.8	257	QP2	0	0	0	0	61	29.4	1775	41	77	188	1.878	0.410	0.218	9.8	24.60
1794	40.7499	116.3295	-285.1	254	QP2	0	0	1	0	64	29.4	1662	49	24	153	0.490	0.157	0.320	9.7	24.60
1795	40.7499	116.3295	-285.6	250	QP2	0	0	0	0	64	29.3	1526	35	137	111	3.914	1.234	0.315	9.6	24.60
1796	40.7499	116.3295	-285.9	246	QP2	0	0	0	0	57	29.2	1414	35	55	110	1.571	0.500	0.318	9.6	24.60
1797	40.7499	116.3295	-286.4	246	QP2	0	0	0	0	68	29.2	1374	29	68	110	2.345	0.618	0.264	9.6	24.60
1798	40.7499	116.3295	-287.4	246	QP2	0	0	0	0	63	29.2	1356	26	41	128	1.577	0.320	0.203	9.6	24.60
1799	40.7499	116.3295	-289.2	246	QP2	0	0	1	0	63	29.2	1246	29	18	113	0.621	0.159	0.257	9.6	24.60
1800	40.7499	116.3295	-290.4	247	QP2	0	0	0	0	61	31.2	1071	18	51	73	2.833	0.699	0.247	9.6	24.60
1801	40.7499	116.3295	-290.9	247	QP2	0	0	0	0	68	31.2	969	19	57	50	3.000	1.140	0.380	9.5	24.60
1802	40.7499	116.3295	-291.6	250	QP2	0	0	1	0	60	31.2	1049	24	16	88	0.667	0.182	0.273	9.5	24.60
1803	40.7499	116.3295	-293.4	249	QP2	0	0	0	0	62	31.2	1218	29	56	64	1.931	0.875	0.453	9.4	24.60
1804	40.7499	116.3295	-294.1	247	QP2	0	0	0	0	69	31.1	1244	36	67	84	1.861	0.798	0.429	9.4	24.60
1805	40.7499	116.3295	-296.7	245	QP2	0	0	0	0	78	31.1	1266	25	108	82	4.320	1.317	0.305	9.4	24.60
1806	40.7499	116.3295	-297.1	249	QP2	0	0	0	0	68	31.2	1345	31	131	90	4.226	1.456	0.344	9.5	24.60
1807	40.7499	116.3295	-298.1	255	QP2	0	0	0	0	78	31.3	1535	38	82	112	2.158	0.732	0.339	9.6	24.59
1808	40.7499	116.3295	-300.3	261	QP2	0	0	0	0	62	31.5	1590	54	58	131	1.074	0.443	0.412	9.6	24.59
1809	40.7499	116.3295	-302.0	268	QP2	0	0	0	0	62	31.6	1648	47	34	172	0.723	0.198	0.273	9.7	24.59
1810	40.7499	116.3296	-304.9	271	QP2	0	0	0	0	66	31.7	1702	34	75	160	2.206	0.469	0.213	9.6	24.58
1811	40.7499	116.3296	-306.9	274	QP2	0	0	0	0	58	31.8	1661	33	109	132	3.303	0.826	0.250	9.6	24.58
1812	40.7499	116.3296	-309.2	275	QP2	0	0	0	0	60	31.8	1657	50	112	121	2.240	0.926	0.413	9.6	24.57
1813	40.7499	116.3296	-309.6	280	QP2	0	0	0	0	67	31.9	1768	47	78	167	1.660	0.467	0.281	9.6	24.57
1814	40.7499	116.3296	-313.3	281	QP2	0	0	0	0	68	32.0	1707	43	51	178	1.186	0.287	0.242	9.6	24.57
1815	40.7499	116.3296	-314.3	285	QP2	0	0	0	0	76	32.0	1678	46	65	191	1.413	0.340	0.241	9.6	24.57
1816	40.7499	116.3296	-316.3	292	QP2	0	0	0	0	63	32.2	1740	37	94	163	2.541	0.577	0.227	9.6	24.56
1817	40.7499	116.3296	-317.7	295	QP2	0	0	0	0	72	32.3	1929	45	107	153	2.378	0.699	0.294	9.6	24.56
1818	40.7499	116.3296	-320.2	295	QP2	0	0	0	0	64	32.3	1809	49	73	170	1.490	0.429	0.288	9.5	24.56
1819	40.7499	116.3296	-321.9	298	QP2	0	0	0	0	67	32.6	1826	40	112	183	2.800	0.612	0.219	9.6	24.56
1820	40.7499	116.3296	-323.0	296	QP2	0	0	0	0	61	32.6	1747	36	155	158	4.306	0.981	0.228	9.6	24.56
1821	40.7499	116.3296	-326.4	301	QP2	0	0	0	0	70	32.7	1909	48	116	155	2.417	0.748	0.310	9.7	24.56
1822	40.7499	116.3296	-329.9	307	QP2	0	0	0	0	63	32.8	1821	37	63	180	1.703	0.350	0.206	9.6	24.55
1823	40.7499	116.3296	-331.6	309	QP2	0	0	0	0	75	32.8	1864	48	131	150	2.729	0.873	0.320	9.6	24.55
1824	40.7499	116.3296	-333.4	309	QP2	0	0	0	0	71	32.8	1938	45	130	168	2.889	0.774	0.268	9.5	24.55
1825	40.7499	116.3296	-335.1	313	QP2	0	0	0	0	66	32.9	1938	43	134	174	3.116	0.770	0.247	9.5	24.55
1826	40.7499	116.3296	-338.0	316	QP2	0	0	0	0	71	33.0	1922	42	143	169	3.405	0.846	0.249	9.5	24.54
1827	40.7499	116.3296	-339.8	318	QP2	0	0	0	0	61	33.0	1871	58	67	165	1.155	0.406	0.352	9.5	24.54
1828	40.7499	116.3296	-342.3	320	QP2	0	0	0	0	67	33.1	1832	38	123	161	3.237	0.764	0.236	9.5	24.54
1829	40.7499	116.3296	-343.7	322	QP2	0	0	0	0	56	33.1	1799	42	78	171	1.857	0.456	0.246	9.5	24.54
1830	40.7499	116.3296	-346.0	323	QP2	0	0	0	0	61	33.2	1723	32	113	153	3.531	0.739	0.209	9.5	24.54
1831	40.7499	116.3296	-348.5	320	QP2	0	0	0	0	57	33.1	1812	30	171	170	5.700	1.006	0.176	9.5	24.54
1832	40.7499	116.3296	-350.5	321	QP2	0	0	0	0	76	33.1	1776	47	94	171	2.000	0.550	0.275	9.6	24.54
1833	40.7499	116.3296	-353.8	319	QP2	0	0	0	0	58	33.1	1805	37	50	201	1.351	0.249	0.184	9.6	24.54
1834	40.7499	116.3296	-357.8	319	QP2	0	0	0	0	66	33.1	1754	43	62	151	1.442	0.411	0.285	9.7	24.54
1835	40.7499	116.3296	-360.8	319	QP2	0	0	0	0	67	33.1	1787	46	97	159	2.109	0.610	0.289	9.7	24.54
1836	40.7499	116.3296	-362.0	319	QP2	0	0	0	0	71	33.1	1670	27	164	139	6.074	1.180	0.194	9.8	24.54
1837	40.7499	116.3296	-364.5	322	QP2	0	0	0	0	67	33.1	1886	39	43	210	1.103	0.205	0.186	9.9	24.54
1838	40.7499	116.3296	-367.2	326	QP2	0	0	0	0	61	33.2	1833	53	96	149	1.811	0.644	0.356	9.9	24.54
1839	40.7499	116.3296	-368.4	329	QP2	0	0	0	0	61	33.3	1891	28	139	169	4.964	0.822	0.166	9.8	24.54
1840	40.7499	116.3296	-371.2	328	QP2	0	0	0	0	64	33.3	1819	43	60	177	1.395	0.339	0.243	9.8	24.54
1841	40.7499	116.3296	-373.9	328	QP2	0	0	0	0	69	33.3	1870	45	80	169	1.778	0.473	0.266	9.8	24.54
1842	40.7499	116.3296	-374.7	324	QP2	0	0	0	0	66	33.2	1619	21	143	167	6.810	0.856	0.126	9.9	24.54
1843	40.7499	116.3296	-377.0	326	QP2	0	0	0	0	65	33.2	1597	31	57	174	1.839	0.328	0.178	10.0	24.54
1844	40.7499	116.3296	-379.7	326	QP2	0	0	0	0	64	33.2	1523	44	60	117	1.364	0.513	0.376	10.0	24.54
1845	40.7499	116.3296	-383.2	327	QP2	0	0	0	0	68	33.2	1656	40	58	163	1.450	0.356	0.245	10.1	24.53

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1846	40.7499	116.3296	-387.7	327	QP2	0	0	0	0	59	33.2	1590	41	26	169	0.634	0.154	0.243	10.2	24.54
1847	40.7499	116.3296	-388.7	326	QP2	0	0	0	0	63	33.2	1535	40	25	132	0.625	0.189	0.303	10.2	24.54
1848	40.7499	116.3296	-391.0	327	QP2	0	0	0	0	60	33.3	1540	27	135	102	5.000	1.324	0.265	10.3	24.54
1849	40.7499	116.3296	-392.5	326	QP2	0	0	0	0	69	33.2	1570	35	71	128	2.029	0.555	0.273	10.3	24.54
1850	40.7499	116.3297	-396.2	325	QP2	0	0	0	0	68	33.2	1576	27	105	119	3.889	0.882	0.227	10.4	24.54
1851	40.7499	116.3297	-396.5	322	QP2	0	0	0	0	65	33.1	1600	36	88	136	2.444	0.647	0.265	10.5	24.54
1852	40.7499	116.3297	-398.5	320	QP2	0	0	0	0	76	33.1	1715	38	84	133	2.211	0.632	0.286	10.6	24.54
1853	40.7499	116.3297	-401.1	312	QP2	0	0	0	0	64	32.9	1613	56	73	156	1.304	0.468	0.359	10.7	24.55
1854	40.7499	116.3297	-403.9	307	QP2	0	0	0	0	68	32.8	1587	33	136	111	4.121	1.225	0.297	10.8	24.55
1855	40.7499	116.3297	-407.6	307	QP2	0	0	0	0	62	32.8	1548	42	90	116	2.143	0.776	0.362	10.8	24.55
1856	40.7499	116.3297	-410.9	307	QP2	0	0	1	0	67	32.8	1746	61	4	171	0.066	0.023	0.357	10.9	24.55
1857	40.7499	116.3297	-411.4	305	QP2	0	0	0	0	67	33.6	1595	42	73	111	1.738	0.658	0.378	11.0	24.56
1858	40.7499	116.3297	-417.2	296	QP2	0	0	0	0	81	33.4	1654	24	81	146	3.375	0.555	0.164	11.0	24.56
1859	40.7499	116.3297	-419.2	293	QP2	0	0	0	0	70	33.3	1698	41	35	149	0.854	0.235	0.275	11.1	24.56
1860	40.7499	116.3297	-421.3	284	QP2	0	0	0	0	74	33.1	1551	32	55	128	1.719	0.430	0.250	11.1	24.57
1861	40.7499	116.3297	-423.8	281	QP2	0	0	0	0	54	33.0	1652	47	35	176	0.745	0.199	0.267	11.2	24.56
1862	40.7499	116.3297	-427.3	281	QP2	0	0	0	0	59	33.0	1680	28	106	146	3.786	0.726	0.192	11.3	24.57
1863	40.7499	116.3297	-428.6	280	QP2	0	0	0	0	63	33.0	1560	28	113	127	4.036	0.890	0.220	11.3	24.58
1864	40.7499	116.3297	-431.4	276	QP2	0	0	0	0	64	32.9	1466	48	108	76	2.250	1.421	0.632	11.3	24.58
1865	40.7499	116.3297	-434.6	277	QP2	0	0	0	0	75	32.9	1500	39	102	101	2.615	1.010	0.386	11.3	24.58
1866	40.7499	116.3297	-437.8	281	QP2	0	0	0	0	62	33.0	1584	34	138	117	4.059	1.179	0.291	11.4	24.57
1867	40.7499	116.3297	-441.6	280	QP2	0	0	0	0	63	33.0	1693	41	115	115	2.805	1.000	0.357	11.4	24.57
1868	40.7499	116.3297	-443.1	280	QP2	0	0	0	0	56	33.0	1668	29	50	184	1.724	0.272	0.158	11.5	24.58
1869	40.7499	116.3297	-445.4	277	QP2	0	0	0	0	60	32.9	1695	37	100	146	2.703	0.685	0.253	11.5	24.58
1870	40.7499	116.3297	-446.2	271	QP2	0	0	0	0	64	32.8	1660	39	97	146	2.487	0.664	0.267	11.5	24.58
1871	40.7499	116.3297	-452.2	264	QP2	0	0	0	0	65	32.6	1644	30	92	152	3.067	0.605	0.197	11.5	24.59
1872	40.7499	116.3297	-454.5	257	QP2	0	0	0	0	75	32.4	1552	28	98	130	3.500	0.754	0.215	11.5	24.59
1873	40.7499	116.3297	-458.5	254	QP2	0	0	0	0	67	32.4	1666	28	107	143	3.821	0.748	0.196	11.6	24.60
1874	40.7499	116.3297	-458.1	250	QP2	0	0	0	0	63	32.3	1583	33	81	185	2.455	0.438	0.178	11.7	24.60
1875	40.7499	116.3297	-462.6	252	QP2	0	0	0	0	67	32.3	1686	35	124	149	3.543	0.832	0.235	11.7	24.60
1876	40.7499	116.3297	-465.5	258	QP2	0	0	0	0	68	33.4	1679	54	49	180	0.907	0.272	0.300	11.7	24.59
1877	40.7499	116.3297	-467.5	264	QP2	0	0	0	0	65	33.5	1809	51	55	173	1.078	0.318	0.295	11.8	24.58
1878	40.7499	116.3297	-468.9	274	QP2	0	0	0	0	74	33.8	1808	49	48	177	0.980	0.271	0.277	11.8	24.58
1879	40.7499	116.3297	-471.6	278	QP2	0	0	0	0	67	33.9	1788	51	128	116	2.510	1.103	0.440	11.8	24.58
1880	40.7499	116.3297	-474.1	281	QP2	0	0	0	0	58	34.0	1762	37	113	152	3.054	0.743	0.243	11.7	24.57
1881	40.7499	116.3297	-476.3	286	QP2	0	0	0	0	63	34.1	1754	42	90	160	2.143	0.563	0.262	11.7	24.57
1882	40.7499	116.3297	-477.5	288	QP2	0	0	0	0	70	34.1	1668	48	62	152	1.292	0.408	0.316	11.8	24.56
1883	40.7499	116.3297	-482.2	293	QP2	0	0	0	0	67	34.2	1789	33	113	144	3.424	0.785	0.229	11.9	24.56
1884	40.7499	116.3297	-486.9	303	QP2	0	0	0	0	68	34.5	1856	54	84	147	1.556	0.571	0.367	12.0	24.56
1885	40.7499	116.3297	-487.1	305	QP2	0	0	0	0	71	34.5	1706	43	60	189	1.395	0.317	0.228	12.0	24.55
1886	40.7499	116.3297	-489.3	307	QP2	0	0	0	0	66	34.6	1853	40	59	179	1.475	0.330	0.223	12.0	24.55
1887	40.7499	116.3297	-490.9	303	QP2	0	0	0	0	64	34.5	1824	53	52	155	0.981	0.335	0.342	12.0	24.56
1888	40.7499	116.3297	-493.7	300	QP2	0	0	0	0	64	34.4	1806	60	90	152	1.500	0.592	0.395	12.0	24.56
1889	40.7499	116.3297	-495.9	300	QP2	0	0	0	0	77	34.4	1660	31	125	159	4.032	0.786	0.195	12.0	24.56
1890	40.7499	116.3297	-499.1	303	QQA3	0	0	0	0	68	34.5	1834	45	100	188	2.222	0.532	0.239	12.2	24.56
1891	40.7499	116.3298	-501.1	301	QQA3	0	0	0	0	66	34.4	1806	37	94	175	2.541	0.537	0.211	12.2	24.56
1892	40.7499	116.3298	-503.4	300	QQA3	0	0	0	0	63	34.4	1922	42	62	197	1.476	0.315	0.213	12.2	24.56
1893	40.7499	116.3298	-506.5	294	QQA3	0	0	0	0	65	34.3	1765	27	170	161	6.296	1.056	0.168	12.2	24.56
1894	40.7499	116.3298	-506.7	296	QQA3	0	0	1	0	70	34.3	1897	59	8	211	0.136	0.038	0.280	12.3	24.56
1895	40.7500	116.3298	-511.7	291	QQA3	0	0	0	0	53	35.2	1905	51	97	147	1.902	0.660	0.347	12.2	24.57
1896	40.7500	116.3298	-514.8	288	QQA3	0	0	0	0	73	35.1	2000	63	79	146	1.254	0.541	0.432	12.3	24.57
1897	40.7500	116.3298	-516.5	285	QQA3	0	0	0	0	64	35.0	1939	41	152	133	3.707	1.143	0.308	12.3	24.57
1898	40.7500	116.3298	-518.3	283	QQA3	0	0	0	0	71	35.0	1878	29	148	162	5.103	0.914	0.179	12.2	24.57
1899	40.7500	116.3298	-522.2	290	QQA3	0	0	0	0	61	35.1	1933	51	51	186	1.000	0.274	0.274	12.2	24.57

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1900	40.7500	116.3298	-524.5	287	QOA3	0	0	0	0	61	35.1	2031	46	91	188	1.978	0.484	0.245	12.2	24.56
1901	40.7500	116.3298	-526.7	290	QOA3	0	0	0	0	69	35.1	1984	48	74	197	1.542	0.376	0.244	12.2	24.56
1902	40.7500	116.3298	-529.0	292	QOA3	0	0	0	0	63	35.2	1999	51	49	207	0.961	0.237	0.246	12.1	24.56
1903	40.7500	116.3298	-530.2	297	QOA3	0	0	0	0	67	35.3	1999	50	68	197	1.360	0.345	0.254	12.1	24.56
1904	40.7500	116.3298	-533.4	299	QOA3	0	0	0	0	64	35.4	1994	45	153	159	3.400	0.962	0.283	12.0	24.56
1905	40.7500	116.3298	-536.9	297	QOA3	0	0	0	0	59	35.3	1912	44	80	211	1.818	0.379	0.209	12.0	24.55
1906	40.7500	116.3298	-538.1	301	QOA3	0	0	0	0	59	35.4	1953	55	106	170	1.927	0.624	0.324	12.0	24.56
1907	40.7500	116.3298	-542.9	301	QOA3	0	0	0	0	69	35.4	1989	50	88	180	1.760	0.489	0.278	12.0	24.56
1908	40.7500	116.3298	-546.4	303	QOA3	0	0	0	0	66	35.5	1975	43	72	216	1.674	0.333	0.199	12.0	24.55
1909	40.7500	116.3298	-548.1	307	QOA3	0	0	0	0	65	35.6	2063	43	176	176	4.093	1.000	0.244	11.9	24.55
1910	40.7500	116.3298	-550.6	309	QOA3	0	0	0	0	58	35.6	2024	43	60	194	1.395	0.309	0.222	11.9	24.55
1911	40.7500	116.3298	-552.3	312	QOA3	0	0	0	0	65	35.7	1973	39	126	204	3.231	0.618	0.191	11.9	24.54
1912	40.7500	116.3298	-553.5	316	QOA3	0	0	0	0	66	35.8	2081	58	96	178	1.655	0.539	0.326	11.8	24.54
1913	40.7500	116.3298	-556.2	319	QOA3	0	0	0	0	66	35.9	2014	34	161	187	4.735	0.861	0.182	11.8	24.54
1914	40.7500	116.3298	-557.4	327	QOA3	0	0	0	0	61	30.7	2038	46	128	186	2.783	0.688	0.247	11.8	24.53
1915	40.7500	116.3298	-559.1	330	QOA3	0	0	0	0	67	30.8	1913	50	76	199	1.520	0.382	0.251	11.7	24.52
1916	40.7500	116.3298	-560.1	335	QOA3	0	0	0	0	76	30.9	1981	48	76	217	1.583	0.350	0.221	11.7	24.52
1917	40.7500	116.3298	-562.1	334	QOA3	0	0	0	0	73	30.9	2006	50	124	171	2.480	0.725	0.292	11.8	24.52
1918	40.7500	116.3298	-563.8	336	QOA3	0	0	0	0	70	30.9	2070	42	148	168	3.524	0.881	0.250	11.7	24.52
1919	40.7500	116.3298	-568.3	339	QOA3	0	0	0	0	66	30.9	2060	46	140	179	3.043	0.782	0.257	11.7	24.52
1920	40.7500	116.3298	-569.4	335	QOA3	0	0	0	0	73	30.9	2055	59	93	161	1.576	0.578	0.366	11.6	24.52
1921	40.7500	116.3298	-572.1	337	QOA3	0	0	0	0	63	30.9	2092	45	135	177	3.000	0.763	0.254	11.7	24.52
1922	40.7500	116.3298	-575.6	338	QOA3	0	0	0	0	65	30.9	2109	47	97	183	2.064	0.530	0.257	11.7	24.52
1923	40.7500	116.3298	-577.1	336	QOA3	0	0	0	0	66	30.9	1969	57	124	157	2.175	0.790	0.363	11.6	24.51
1924	40.7500	116.3298	-579.6	338	QOA3	0	0	0	0	67	30.9	1979	32	147	175	4.594	0.840	0.183	11.6	24.51
1925	40.7500	116.3298	-581.6	339	QOA3	0	0	0	0	75	31.0	1934	41	124	166	3.024	0.747	0.247	11.5	24.50
1926	40.7500	116.3298	-585.0	343	QOA3	0	0	0	0	69	31.0	1815	45	48	183	1.067	0.262	0.246	11.5	24.50
1927	40.7500	116.3298	-589.0	344	QOA3	0	0	0	0	72	31.0	1890	34	94	175	2.765	0.537	0.194	11.5	24.49
1928	40.7500	116.3298	-592.5	344	QOA3	0	0	0	0	65	31.0	1897	37	42	203	1.135	0.207	0.182	11.5	24.49
1929	40.7500	116.3298	-594.8	345	QOA3	0	0	0	0	58	31.1	1784	38	40	176	1.053	0.227	0.216	11.4	24.49
1930	40.7500	116.3298	-600.0	347	QOA3	0	0	0	0	67	31.1	1775	28	108	154	3.857	0.701	0.182	11.3	24.48
1931	40.7500	116.3298	-604.2	347	QOA3	0	0	0	0	75	31.1	1741	22	159	155	7.227	1.026	0.142	11.4	24.47
1932	40.7500	116.3299	-609.3	346	QOA3	0	0	0	0	53	31.1	1824	35	115	154	3.286	0.747	0.227	11.3	24.47
1933	40.7500	116.3299	-611.0	345	QOA3	0	0	0	0	66	30.6	1786	38	96	143	2.526	0.671	0.266	11.3	24.46
1934	40.7500	116.3299	-610.0	346	QOA3	0	0	0	0	65	30.7	1888	44	68	163	1.545	0.417	0.270	11.1	24.46
1935	40.7500	116.3299	-612.0	345	QOA3	0	0	0	0	72	30.6	1752	38	58	178	1.526	0.326	0.213	11.0	24.46
1936	40.7500	116.3299	-616.5	345	QOA3	0	0	0	0	69	30.6	1657	35	107	137	3.057	0.781	0.255	10.9	24.45
1937	40.7500	116.3299	-618.2	358	QOA3	0	0	0	0	74	30.9	1757	23	66	205	2.870	0.322	0.112	10.9	24.44
1938	40.7500	116.3299	-619.6	365	QOA3	0	0	0	0	64	31.0	1627	33	109	132	3.303	0.826	0.250	10.9	24.42
1939	40.7500	116.3299	-620.7	381	QOA3	0	0	0	0	65	31.3	1729	42	58	122	1.381	0.475	0.344	10.8	24.41
1940	40.7500	116.3299	-621.5	398	QOA3	0	0	0	0	70	31.7	1732	41	82	138	2.000	0.594	0.297	10.7	24.40
1941	40.7500	116.3299	-621.5	406	QOA3	0	0	0	0	64	31.8	1773	32	57	174	1.781	0.328	0.184	10.6	24.39
1942	40.7500	116.3299	-621.8	428	QOA3	0	0	0	0	63	32.2	1782	35	66	149	1.886	0.443	0.235	10.5	24.37
1943	40.7500	116.3299	-622.7	441	QOA3	0	0	0	0	77	32.5	1750	45	36	145	0.800	0.248	0.310	10.4	24.36
1944	40.7500	116.3299	-625.8	456	QOA3	0	0	0	0	66	32.7	1784	11	84	167	7.636	0.503	0.066	10.3	24.35
1945	40.7500	116.3299	-626.2	469	OVI	0	0	0	0	71	32.9	1713	27	78	151	2.889	0.517	0.179	10.2	24.34
1946	40.7500	116.3299	-626.8	486	OVI	0	0	1	0	66	33.2	1741	50	17	168	0.340	0.101	0.298	10.1	24.32
1947	40.7500	116.3299	-627.5	490	OVI	0	0	0	0	74	33.3	1657	36	119	108	3.306	1.102	0.333	10.1	24.31
1948	40.7500	116.3299	-627.3	493	OVI	0	0	0	0	67	33.3	1685	29	65	122	2.241	0.533	0.238	10.0	24.29
1949	40.7500	116.3299	-624.0	496	OVI	0	0	0	0	65	33.4	1605	16	77	153	4.813	0.503	0.105	9.9	24.28
1950	40.7500	116.3299	-623.2	500	OVI	0	0	0	0	66	33.5	1597	32	100	110	3.125	0.909	0.291	9.9	24.26
1951	40.7500	116.3299	-618.4	513	OVI	0	0	0	0	66	33.7	1582	18	132	95	7.333	1.389	0.189	9.8	24.24
1952	40.7500	116.3299	-613.5	529	OVI	0	0	0	0	67	35.8	1594	23	33	161	1.435	0.205	0.143	9.8	24.22
1953	40.7500	116.3299	-605.9	561	OVI	0	0	0	0	72	36.3	1578	19	61	112	3.211	0.545	0.170	9.8	24.20

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1954	40.7500	116.3299	-600.3	575	OVI	0	0	1	0	69	36.5	1617	53	-12	116	-0.226	-0.103	0.457	9.7	24.18
1955	40.7500	116.3299	-595.4	595	OVI	0	0	0	0	67	36.9	1613	20	89	100	4.450	0.890	0.200	9.6	24.15
1956	40.7500	116.3299	-579.9	599	OVI	0	0	0	0	77	36.9	1607	21	135	84	6.429	1.607	0.250	9.5	24.12
1957	40.7500	116.3299	-570.9	623	OVI	0	0	0	0	65	37.3	1521	23	57	114	2.478	0.500	0.202	9.4	24.11
1958	40.7500	116.3299	-560.0	646	OVI	0	0	1	0	75	37.6	1622	32	17	141	0.531	0.121	0.227	9.3	24.09
1959	40.7500	116.3299	-549.1	663	OVI	0	0	0	0	68	37.9	1501	18	65	103	3.611	0.631	0.175	9.2	24.07
1960	40.7500	116.3299	-535.1	661	OVI	0	0	0	0	79	37.9	1610	13	47	138	3.615	0.341	0.094	9.1	24.05
1961	40.7500	116.3299	-523.0	643	OVI	0	0	0	0	73	37.6	1522	12	56	119	4.667	0.471	0.101	9.0	24.03
1962	40.7500	116.3299	-510.9	622	OVI	0	0	0	0	64	37.3	1498	27	41	100	1.519	0.410	0.270	8.8	24.00
1963	40.7500	116.3299	-498.6	633	OVI	0	0	1	0	72	37.4	1442	18	22	124	1.222	0.177	0.145	8.7	23.98
1964	40.7500	116.3299	-488.0	612	OVI	0	0	0	1	77	37.1	1482	2	78	85	39.000	0.918	0.024	8.6	23.97
1965	40.7500	116.3299	-478.2	583	OVI	0	0	0	0	72	36.7	1458	38	71	72	1.868	0.986	0.528	8.5	23.95
1966	40.7500	116.3299	-468.0	554	OVI	0	0	1	0	70	36.2	1410	31	4	134	0.129	0.030	0.231	8.4	23.93
1967	40.7500	116.3299	-457.7	534	OVI	0	0	0	0	78	35.9	1528	26	89	81	3.423	1.099	0.321	8.4	23.91
1968	40.7500	116.3299	-432.7	498	OVI	0	0	0	0	74	35.2	1542	18	77	119	4.278	0.647	0.151	8.2	23.89
1969	40.7500	116.3299	-418.3	486	OVI	0	0	0	0	69	35.0	1528	23	65	110	2.826	0.591	0.209	8.1	23.87
1970	40.7500	116.3299	-401.1	449	OVI	0	0	0	0	71	34.3	1468	27	132	52	4.889	2.538	0.519	8.0	23.87
1971	40.7500	116.3299	-384.2	409	OVI	0	0	0	0	73	38.8	1539	19	76	118	4.000	0.644	0.161	8.0	23.85
1972	40.7500	116.3299	-363.5	369	OVI	0	0	1	0	73	37.9	1445	24	-7	156	-0.292	-0.045	0.154	7.8	23.82
1973	40.7500	116.3299	-341.6	358	OVI	0	0	0	0	77	37.6	1367	13	130	72	10.000	1.806	0.181	7.7	23.80
1974	40.7500	116.3299	-325.6	365	OVI	0	0	0	0	75	37.8	1408	27	64	94	2.370	0.681	0.287	7.5	23.77
1975	40.7500	116.3299	-316.2	373	OVI	0	0	0	0	77	38.0	1425	19	84	97	4.421	0.866	0.196	7.4	23.76
1976	40.7500	116.3299	-307.3	394	OVI	0	0	0	0	72	38.5	1361	18	51	113	2.833	0.451	0.159	7.3	23.74
1977	40.7500	116.3299	-300.2	408	OVI	0	0	0	0	74	38.8	1442	23	60	92	2.609	0.652	0.250	7.2	23.72
1978	40.7500	116.3299	-287.8	402	OVI	0	0	0	0	68	38.7	1440	21	49	127	2.333	0.386	0.165	7.1	23.71
1979	40.7500	116.3299	-268.0	398	OVI	0	0	0	0	76	38.6	1440	40	114	51	2.850	2.235	0.784	7.0	23.69
1980	40.7500	116.3300	-250.3	424	OVI	0	0	0	0	71	39.1	1541	31	107	110	3.452	0.973	0.282	7.0	23.68
1981	40.7500	116.3300	-251.3	456	OVI	0	0	0	0	77	39.8	1723	25	109	124	4.360	0.879	0.202	6.9	23.67
1982	40.7500	116.3300	-254.3	485	OVI	0	0	0	0	75	40.5	1715	27	90	108	3.333	0.833	0.250	6.8	23.66
1983	40.7500	116.3300	-260.0	496	OVI	0	0	0	0	70	40.7	1617	22	111	116	5.045	0.957	0.190	6.8	23.64
1984	40.7500	116.3300	-266.2	500	OVI	0	0	0	0	81	40.8	1715	17	135	97	7.941	1.392	0.175	6.8	23.63
1985	40.7500	116.3300	-272.5	497	OVI	0	0	0	0	81	40.7	1753	33	51	174	1.545	0.293	0.190	6.7	23.61
1986	40.7500	116.3300	-276.0	489	OVI	0	0	0	0	75	40.5	1745	30	67	179	2.233	0.374	0.168	6.7	23.58
1987	40.7500	116.3300	-279.0	493	OVI	0	0	1	0	76	40.6	1796	42	17	186	0.405	0.091	0.226	6.6	23.56
1988	40.7500	116.3300	-283.0	492	OVI	0	0	0	0	72	40.6	1694	52	31	130	0.596	0.238	0.400	6.5	23.54
1989	40.7500	116.3300	-287.2	494	OVI	0	0	0	0	70	40.6	1757	31	115	121	3.710	0.950	0.256	6.4	23.52
1990	40.7500	116.3300	-290.2	496	OVI	0	0	0	0	78	34.3	1750	23	154	118	6.696	1.305	0.195	6.4	23.49
1991	40.7500	116.3300	-291.2	499	OVI	0	0	0	0	72	34.3	1735	41	116	133	2.829	0.872	0.308	6.4	23.48
1992	40.7500	116.3300	-289.8	516	OVI	0	0	0	0	83	34.6	1806	39	119	107	3.051	1.112	0.364	6.3	23.46
1993	40.7500	116.3300	-293.2	497	OVI	0	0	0	0	85	34.3	1822	37	143	102	3.865	1.402	0.363	6.3	23.45
1994	40.7500	116.3300	-295.5	494	OVI	0	0	0	0	82	34.2	1857	31	82	175	2.645	0.469	0.177	6.3	23.44
1995	40.7500	116.3300	-297.8	483	OVI	0	0	0	0	74	34.0	1822	36	113	155	3.139	0.729	0.232	6.2	23.42
1996	40.7500	116.3300	-297.6	446	OVI	0	0	0	0	79	33.4	1815	40	75	169	1.875	0.444	0.237	6.2	23.40
1997	40.7500	116.3300	-295.2	408	OVI	0	0	0	0	73	32.7	1878	43	68	194	1.581	0.351	0.222	6.1	23.38
1998	40.7500	116.3300	-292.2	376	OVI	0	0	0	0	89	32.1	1827	47	88	143	1.872	0.615	0.329	6.1	23.36
1999	40.7500	116.3300	-282.2	343	OVI	0	0	0	0	93	31.4	1610	17	182	109	10.706	1.670	0.156	6.0	23.33
2000	40.7500	116.3300	-271.1	306	OVI	0	0	0	0	73	30.6	1565	28	135	111	4.821	1.216	0.252	5.9	23.31
2001	40.7500	116.3300	-256.1	272	OVI	0	0	0	0	87	29.9	1439	18	81	117	4.500	0.692	0.154	5.9	23.27
2002	40.7500	116.3300	-229.2	264	OVI	0	0	0	0	89	29.7	1445	21	144	86	6.857	1.674	0.244	5.8	23.25
2003	40.7500	116.3300	-209.3	271	OVI	0	0	0	0	84	29.9	1430	13	99	141	7.615	0.702	0.092	5.8	23.23
2004	40.7500	116.3300	-195.9	289	OVI	0	0	0	0	84	30.3	1504	32	58	131	1.813	0.443	0.244	5.8	23.20
2005	40.7500	116.3300	-205.4	322	OVI	0	0	0	0	80	30.9	1558	25	94	141	3.760	0.667	0.177	5.8	23.18
2006	40.7500	116.3300	-215.6	363	OVI	0	0	0	0	85	31.8	1577	26	77	144	2.962	0.535	0.181	5.7	23.16
2007	40.7500	116.3300	-225.7	409	OVI	0	0	0	0	83	32.7	1674	24	85	143	3.542	0.594	0.168	5.7	23.15

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2008	40.7500	116.3300	-234.0	427	OVI	0	0	0	0	80	33.0	1700	37	79	152	2.135	0.520	0.243	5.7	23.14
2009	40.7500	116.3300	-237.5	376	OVI	0	0	0	0	86	30.2	1690	41	81	145	1.976	0.559	0.283	5.6	23.13
2010	40.7500	116.3300	-241.9	318	OVI	0	0	0	0	88	29.1	1598	34	102	129	3.000	0.791	0.264	5.6	23.12
2011	40.7500	116.3300	-245.9	291	OVI	0	0	0	0	79	28.6	1524	26	117	138	4.500	0.848	0.188	5.6	23.10
2012	40.7500	116.3300	-252.2	292	OVI	0	0	0	0	87	28.6	1603	35	43	168	1.229	0.256	0.208	5.5	23.10
2013	40.7500	116.3300	-255.8	298	OVI	0	0	0	0	83	28.7	1606	30	147	89	4.900	1.652	0.337	5.4	23.09
2014	40.7500	116.3300	-259.3	300	OVI	0	0	0	0	78	28.7	1663	33	64	193	1.939	0.332	0.171	5.4	23.08
2015	40.7500	116.3300	-265.0	287	OVI	0	0	0	0	89	28.5	1536	27	104	147	3.852	0.707	0.184	5.4	23.06
2016	40.7500	116.3300	-273.4	264	OVI	0	0	0	0	82	28.0	1435	44	28	139	0.636	0.201	0.317	5.4	23.05
2017	40.7500	116.3300	-288.4	267	OVI	0	0	0	0	83	28.1	1502	15	134	121	8.933	1.107	0.124	5.4	23.05
2018	40.7500	116.3300	-296.3	301	OVI	0	0	0	0	87	28.8	1377	27	42	153	1.556	0.275	0.176	5.3	23.04
2019	40.7500	116.3300	-302.2	351	OVI	0	0	0	0	88	29.7	1331	44	109	49	2.477	2.224	0.898	5.3	23.04
2020	40.7500	116.3300	-309.4	416	OVI	0	0	0	0	82	30.9	1503	28	123	80	4.393	1.537	0.350	5.4	23.04
2021	40.7500	116.3300	-315.3	479	OVI	0	0	0	0	86	32.0	1559	20	146	78	7.300	1.872	0.256	5.4	23.03
2022	40.7500	116.3300	-322.4	499	OVI	0	0	0	0	86	32.3	1398	26	70	82	2.692	0.854	0.317	5.4	23.02
2023	40.7500	116.3300	-330.8	576	OVI	0	0	0	0	92	33.5	1581	18	79	123	4.389	0.642	0.146	5.4	23.02
2024	40.7500	116.3300	-337.1	656	OVI	0	0	0	0	91	34.7	1527	27	46	125	1.704	0.368	0.216	5.4	23.01
2025	40.7500	116.3300	-343.5	734	OVI	1	0	0	0	87	35.7	1738	64	46	118	0.719	0.390	0.542	5.4	23.01
2026	40.7500	116.3300	-348.0	795	OVI	1	0	1	0	93	36.4	1760	29	13	191	0.448	0.068	0.152	5.5	23.01
2027	40.7500	116.3301	-351.9	837	OVI	1	0	0	0	93	36.9	1745	42	106	70	2.524	1.514	0.600	5.5	23.01
2028	40.7500	116.3301	-353.5	875	OVI	1	0	0	0	76	36.0	1750	15	110	121	7.333	0.909	0.124	5.5	23.00
2029	40.7500	116.3301	-356.8	872	OVI	1	0	0	0	83	36.0	1851	40	93	82	2.325	1.134	0.488	5.5	23.00
2030	40.7500	116.3301	-356.8	817	OVI	1	0	0	0	79	35.4	1739	30	35	181	1.167	0.193	0.166	5.5	22.99
2031	40.7500	116.3301	-355.9	743	SWU	1	0	0	0	74	34.6	1868	26	116	88	4.462	1.318	0.295	5.6	22.99
2032	40.7500	116.3301	-353.5	675	SWU	0	0	0	0	85	33.7	1762	29	92	125	3.172	0.736	0.232	5.5	22.98
2033	40.7500	116.3301	-346.0	608	SWU	0	0	0	0	83	32.8	1730	24	74	139	3.083	0.532	0.173	5.5	22.97
2034	40.7500	116.3301	-337.5	555	SWU	0	0	0	0	89	32.1	1678	32	52	146	1.625	0.356	0.219	5.5	22.96
2035	40.7500	116.3301	-326.2	529	SWU	0	0	0	0	90	31.7	1638	26	50	175	1.923	0.286	0.149	5.5	22.95
2036	40.7500	116.3301	-315.7	500	SWU	0	0	0	0	92	31.2	1696	28	108	137	3.857	0.788	0.204	5.6	22.94
2037	40.7500	116.3301	-302.5	493	SWU	0	0	0	0	85	31.1	1743	43	129	134	3.000	0.963	0.321	5.6	22.93
2038	40.7500	116.3301	-293.3	485	SWU	0	0	0	0	81	31.0	1745	46	28	174	0.609	0.161	0.264	5.6	22.92
2039	40.7500	116.3301	-281.5	460	SWU	0	0	0	0	79	30.6	1796	52	106	136	2.038	0.779	0.382	5.6	22.90
2040	40.7500	116.3301	-270.3	424	SWU	0	0	0	0	87	30.0	1587	26	60	139	2.308	0.432	0.187	5.6	22.89
2041	40.7500	116.3301	-257.7	376	SWU	0	0	0	0	83	29.2	1590	27	107	134	3.963	0.799	0.201	5.7	22.88
2042	40.7500	116.3301	-233.5	367	SWU	0	0	0	0	96	29.0	1501	19	59	147	3.105	0.401	0.129	5.7	22.87
2043	40.7500	116.3301	-227.0	398	SWU	0	0	0	0	72	29.6	1572	35	80	120	2.286	0.667	0.292	5.7	22.87
2044	40.7500	116.3301	-223.4	440	SWU	0	0	0	0	83	30.3	1582	23	67	151	2.913	0.444	0.152	5.7	22.86
2045	40.7500	116.3301	-220.8	479	SWU	0	0	0	0	86	30.9	1577	25	83	121	3.320	0.686	0.207	5.7	22.86
2046	40.7500	116.3301	-219.0	494	SWU	0	0	0	0	91	31.2	1661	32	62	139	1.938	0.446	0.230	5.7	22.87
2047	40.7500	116.3301	-218.3	510	SWU	0	0	0	0	87	32.9	1587	32	140	60	4.375	2.333	0.533	5.7	22.87
2048	40.7500	116.3301	-218.1	603	SWU	0	0	1	0	88	34.3	1540	31	0	136	0.032	0.007	0.228	5.7	22.87
2049	40.7500	116.3301	-220.2	678	SWU	0	0	0	0	91	35.4	1638	18	67	105	3.722	0.638	0.171	5.7	22.87
2050	40.7500	116.3301	-224.6	749	SWU	1	1	0	0	96	36.3	1669	35	101	23	2.886	4.391	1.522	5.7	22.86
2051	40.7500	116.3301	-227.2	822	SWU	1	0	0	0	86	37.2	1589	17	74	109	4.353	0.679	0.156	5.7	22.86
2052	40.7500	116.3301	-229.2	888	SWU	1	0	0	0	88	37.9	1661	19	80	79	4.211	1.013	0.241	5.7	22.86
2053	40.7500	116.3301	-229.0	939	SWU	1	0	1	0	85	38.4	1796	30	19	169	0.633	0.112	0.178	5.7	22.85
2054	40.7500	116.3301	-230.2	975	SWU	1	1	0	0	86	38.8	1718	17	86	31	5.059	2.774	0.548	5.7	22.85
2055	40.7500	116.3301	-231.7	1007	SWU	2	1	0	0	88	39.1	1638	19	82	35	4.316	2.343	0.543	5.7	22.85
2056	40.7500	116.3301	-230.1	1045	SWU	2	0	1	1	96	39.4	1684	11	2	180	0.182	0.011	0.061	5.7	22.86
2057	40.7500	116.3301	-228.2	1091	SWU	2	0	0	1	83	39.8	1726	3	84	109	28.000	0.771	0.028	5.7	22.86
2058	40.7500	116.3301	-227.5	1151	SWU	2	0	0	1	83	39.9	1843	1	82	94	82.000	0.872	0.011	5.7	22.86
2059	40.7500	116.3301	-224.8	1175	SWU	2	0	0	0	92	39.9	1799	27	36	174	1.333	0.207	0.155	5.6	22.86
2060	40.7500	116.3301	-222.4	1195	SWU	2	0	0	1	75	39.9	1993	10	126	110	12.600	1.145	0.091	5.6	22.86
2061	40.7500	116.3301	-219.9	1163	SWU	2	1	0	0	82	39.9	1940	42	111	12	2.643	9.250	3.500	5.6	22.86

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2062	40.7500	116.3301	-215.8	1137	SWU	2	0	0	0	80	39.9	1670	24	97	58	4.042	1.672	0.414	5.7	22.86
2063	40.7500	116.3301	-211.6	1137	SWU	2	0	0	0	88	39.9	1718	22	34	115	1.545	0.296	0.191	5.7	22.86
2064	40.7500	116.3301	-208.7	1155	SWU	2	0	0	0	79	39.9	1975	22	56	181	2.545	0.309	0.122	5.8	22.86
2065	40.7500	116.3301	-204.0	1153	SWU	2	1	0	0	94	39.9	1823	32	64	27	2.000	2.370	1.185	5.8	22.87
2066	40.7500	116.3301	-195.7	1118	SWU	2	0	0	1	62	33.4	1820	9	72	223	8.000	0.323	0.040	5.8	22.87
2067	40.7500	116.3301	-190.7	1063	SWU	2	0	0	1	87	33.2	1837	15	53	144	3.533	0.368	0.104	5.9	22.86
2068	40.7500	116.3301	-185.8	958	SWU	1	0	0	0	92	32.4	1647	14	39	170	2.786	0.229	0.082	5.9	22.86
2069	40.7500	116.3301	-181.7	879	SWU	1	0	0	0	88	31.7	1604	21	73	98	3.476	0.745	0.214	5.9	22.86
2070	40.7500	116.3301	-175.8	868	SWU	1	0	0	0	88	31.6	1598	14	52	94	3.714	0.553	0.149	5.9	22.86
2071	40.7500	116.3301	-172.1	863	SWU	1	0	0	0	80	31.5	1675	26	31	158	1.192	0.196	0.165	5.9	22.85
2072	40.7500	116.3301	-168.3	876	SWU	1	0	0	0	83	31.7	1642	46	53	95	1.152	0.558	0.484	5.9	22.85
2073	40.7500	116.3301	-164.8	901	SWU	1	0	0	0	84	31.9	1681	20	76	115	3.800	0.661	0.174	5.9	22.85
2074	40.7500	116.3301	-162.8	898	SWU	1	0	0	0	88	31.9	1712	26	91	74	3.500	1.230	0.351	5.9	22.85
2075	40.7500	116.3302	-158.9	884	SWU	1	0	0	0	81	31.7	1717	34	65	117	1.912	0.556	0.291	5.9	22.84
2076	40.7500	116.3302	-157.3	871	SWU	1	0	0	1	93	31.6	1737	12	59	176	4.917	0.335	0.068	5.9	22.84
2077	40.7500	116.3302	-156.3	814	SWU	1	0	0	0	89	31.1	1604	27	75	100	2.778	0.750	0.270	5.8	22.83
2078	40.7500	116.3302	-149.7	800	SWU	1	0	0	0	79	30.9	1714	36	45	105	1.250	0.429	0.343	5.9	22.82
2079	40.7500	116.3302	-146.0	756	SWU	1	0	0	0	82	30.5	1669	21	84	88	4.000	0.955	0.239	5.8	22.82
2080	40.7500	116.3302	-143.0	699	SWU	0	0	0	0	84	29.9	1656	28	64	114	2.286	0.561	0.246	5.8	22.80
2081	40.7500	116.3302	-138.2	618	SWU	0	0	0	0	89	28.9	1582	14	67	122	4.786	0.549	0.115	5.8	22.79
2082	40.7500	116.3302	-133.3	546	SWU	0	0	0	0	86	28.0	1466	25	85	99	3.400	0.859	0.253	5.8	22.78
2083	40.7500	116.3302	-128.6	499	SWU	0	0	0	0	88	27.4	1425	24	78	64	3.250	1.219	0.375	5.8	22.77
2084	40.7500	116.3302	-123.2	494	SWU	0	0	0	0	94	27.4	1535	28	34	132	1.214	0.258	0.212	5.8	22.76
2085	40.7500	116.3302	-120.2	494	SWU	0	0	0	0	89	30.6	1478	21	40	105	1.905	0.381	0.200	5.8	22.76
2086	40.7500	116.3302	-114.2	497	SWU	0	0	0	0	90	30.7	1431	33	67	73	2.030	0.918	0.452	5.7	22.75
2087	40.7500	116.3302	-110.8	539	SWU	0	0	0	0	93	31.3	1502	25	35	101	1.400	0.347	0.248	5.8	22.74
2088	40.7500	116.3302	-109.3	599	SWU	0	0	0	0	82	32.2	1441	25	74	72	2.960	1.028	0.347	5.8	22.73
2089	40.7500	116.3302	-106.6	682	SWU	0	0	0	0	80	33.3	1594	46	32	116	0.696	0.276	0.397	5.8	22.73
2090	40.7500	116.3302	-106.0	750	SWU	1	0	1	0	97	34.1	1595	34	26	74	0.765	0.351	0.459	5.8	22.72
2091	40.7500	116.3302	-105.8	812	SWU	1	0	0	0	92	34.8	1589	45	65	40	1.444	1.625	1.125	5.8	22.71
2092	40.7500	116.3302	-104.9	882	SWU	1	0	0	0	93	35.5	1608	22	85	88	3.864	0.966	0.250	5.7	22.71
2093	40.7500	116.3302	-104.3	933	SWU	1	0	1	0	83	36.0	1669	53	-3	122	-0.057	-0.025	0.434	5.7	22.71
2094	40.7500	116.3302	-104.9	972	SWU	1	0	0	0	86	36.4	1954	36	61	98	1.694	0.622	0.367	5.7	22.71
2095	40.7500	116.3302	-104.9	982	SWU	1	0	1	0	89	36.5	1778	46	5	169	0.109	0.030	0.272	5.6	22.71
2096	40.7500	116.3302	-105.2	974	SWU	1	0	0	0	98	36.4	1809	26	65	126	2.500	0.516	0.206	5.6	22.71
2097	40.7500	116.3302	-104.2	917	SWU	1	0	0	0	84	35.9	1803	27	41	173	1.519	0.237	0.156	5.6	22.71
2098	40.7500	116.3302	-104.5	819	SWU	1	0	0	1	80	34.9	1581	6	66	101	11.000	0.653	0.059	5.6	22.71
2099	40.7500	116.3302	-100.0	724	SWU	1	0	0	0	91	33.8	1472	30	40	79	1.333	0.506	0.380	5.7	22.71
2100	40.7500	116.3302	-97.2	638	SWU	0	0	0	0	93	32.7	1428	14	133	40	9.500	3.325	0.350	5.7	22.71
2101	40.7500	116.3302	-90.0	570	SWU	0	0	0	0	79	31.8	1401	33	41	73	1.242	0.562	0.452	5.7	22.71
2102	40.7500	116.3302	-80.0	516	SWU	0	0	0	0	89	31.0	1402	12	112	65	9.333	1.723	0.185	5.7	22.70
2103	40.7500	116.3302	-51.7	494	SWU	0	0	1	0	86	30.6	1457	27	15	124	0.556	0.121	0.218	5.6	22.69
2104	40.7500	116.3302	-42.7	495	SWU	0	0	0	0	82	32.6	1552	25	79	118	3.160	0.669	0.212	5.6	22.69
2105	40.7500	116.3302	-39.7	496	SWU	0	0	0	0	84	32.6	1521	9	108	118	12.000	0.915	0.076	5.6	22.68
2106	40.7500	116.3302	-41.7	492	SWU	0	0	0	0	94	32.6	1615	34	60	131	1.765	0.458	0.260	5.5	22.67
2107	40.7500	116.3302	-43.2	465	SWU	0	0	0	0	95	32.1	1581	26	96	116	3.692	0.828	0.224	5.5	22.66
2108	40.7500	116.3302	-46.4	403	SWU	0	0	0	0	81	31.0	1550	39	58	108	1.487	0.537	0.361	5.5	22.66
2109	40.7500	116.3302	-48.8	355	SWU	0	0	0	0	95	30.1	1503	28	31	148	1.107	0.209	0.189	5.5	22.64
2110	40.7500	116.3302	-41.2	339	SWU	0	0	0	0	91	29.8	1614	42	85	99	2.024	0.859	0.424	5.5	22.64
2111	40.7500	116.3302	-30.1	357	SWU	0	0	0	0	90	30.2	1657	21	113	121	5.381	0.934	0.174	5.5	22.63
2112	40.7500	116.3302	-27.8	391	SWU	0	0	0	0	85	30.8	1822	36	97	141	2.694	0.688	0.255	5.4	22.62
2113	40.7500	116.3302	-41.9	414	SWU	0	0	0	0	100	31.2	2039	37	30	218	0.811	0.138	0.170	5.4	22.62
2114	40.7500	116.3302	-60.3	413	SWU	0	0	0	0	83	31.2	2210	65	160	171	2.462	0.936	0.380	5.4	22.61
2115	40.7500	116.3302	-82.0	401	QQA3	0	0	0	0	96	31.0	2120	43	122	175	2.837	0.697	0.246	5.4	22.61

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2116	40.7500	116.3302	-91.4	377	QOA3	0	0	0	0	95	30.5	2013	43	133	165	3.093	0.806	0.261	5.4	22.60
2117	40.7500	116.3302	-97.3	354	QOA3	0	0	0	0	83	30.1	1892	31	198	108	6.387	1.833	0.287	5.4	22.60
2118	40.7500	116.3302	-104.2	345	QOA3	0	0	0	0	94	29.9	1790	54	138	99	2.556	1.394	0.545	5.4	22.60
2119	40.7500	116.3302	-108.9	345	QOA3	0	0	0	0	104	29.9	1703	45	68	159	1.511	0.428	0.283	5.4	22.60
2120	40.7500	116.3302	-114.8	356	QOA3	0	0	1	0	91	30.1	1737	53	19	149	0.358	0.128	0.356	5.4	22.60
2121	40.7500	116.3302	-110.3	362	QOA3	0	0	0	0	92	30.3	1848	37	104	151	2.811	0.689	0.245	5.4	22.59
2122	40.7500	116.3303	-85.0	339	SWU	0	0	0	0	94	29.8	1636	37	62	137	1.676	0.453	0.270	5.4	22.59
2123	40.7500	116.3303	-43.4	316	SWU	0	0	0	0	97	29.3	1573	26	67	133	2.577	0.504	0.195	5.3	22.59
2124	40.7500	116.3303	0.1	316	SWU	0	0	0	0	83	29.3	1505	33	70	100	2.121	0.700	0.330	5.3	22.59
2125	40.7500	116.3303	20.8	338	SWU	0	0	0	0	90	29.7	1547	43	39	124	0.907	0.315	0.347	5.3	22.59
2126	40.7500	116.3303	6.7	383	SWU	0	0	0	0	86	30.6	1631	38	57	128	1.500	0.445	0.297	5.3	22.59
2127	40.7500	116.3303	-70.4	437	SWU	0	0	0	0	88	31.5	1674	34	76	130	2.235	0.585	0.262	5.3	22.58
2128	40.7500	116.3303	-98.0	487	SWU	0	0	0	0	81	32.4	1776	40	60	146	1.500	0.411	0.274	5.3	22.59
2129	40.7500	116.3303	-115.9	501	SWU	0	0	0	0	83	32.6	1800	43	62	132	1.442	0.470	0.326	5.3	22.59
2130	40.7500	116.3303	-127.3	536	SWU	0	0	0	0	98	33.2	1809	25	49	138	1.960	0.355	0.181	5.2	22.58
2131	40.7500	116.3303	-132.8	542	SWU	0	0	0	0	92	33.3	1839	34	51	141	1.500	0.362	0.241	5.2	22.58
2132	40.7500	116.3303	-133.7	522	SWU	0	0	0	0	92	32.9	1748	27	99	139	3.667	0.712	0.194	5.1	22.58
2133	40.7500	116.3303	-129.8	505	SWU	0	0	0	0	85	32.7	1728	38	37	161	0.974	0.230	0.236	5.1	22.58
2134	40.7500	116.3303	-127.4	499	SWU	0	0	0	0	91	32.6	1699	23	48	152	2.087	0.316	0.151	5.1	22.58
2135	40.7500	116.3303	-125.9	496	SWU	0	0	0	0	90	32.5	1716	53	29	126	0.547	0.230	0.421	5.0	22.58
2136	40.7500	116.3303	-126.7	487	SWU	0	0	0	0	99	32.4	1646	30	74	111	2.467	0.667	0.270	5.0	22.58
2137	40.7500	116.3303	-130.1	467	SWU	0	0	0	0	92	32.0	1731	29	102	99	3.517	1.030	0.293	4.9	22.59
2138	40.7500	116.3303	-133.3	474	SWU	0	0	0	0	92	32.2	1722	35	89	122	2.543	0.730	0.287	4.8	22.59
2139	40.7500	116.3303	-137.2	491	SWU	0	0	0	0	94	32.4	1814	52	72	120	1.385	0.600	0.433	4.8	22.59
2140	40.7500	116.3303	-144.4	498	SWU	0	0	0	0	81	32.6	1760	29	126	102	4.345	1.235	0.284	4.7	22.59
2141	40.7500	116.3303	-146.5	580	SWU	0	0	0	0	95	33.8	1884	19	92	107	4.842	0.860	0.178	4.7	22.60
2142	40.7500	116.3303	-147.2	635	SWU	0	0	0	0	93	38.2	1935	40	60	137	1.500	0.438	0.292	4.6	22.59
2143	40.7500	116.3303	-150.0	691	SWU	0	0	0	0	83	39.0	2040	49	58	130	1.184	0.446	0.377	4.6	22.60
2144	40.7500	116.3303	-152.9	708	SWU	1	0	0	0	82	39.3	2047	36	101	136	2.806	0.743	0.265	4.5	22.60
2145	40.7500	116.3303	-157.6	716	SWU	1	0	1	0	81	39.4	2140	61	27	205	0.443	0.132	0.298	4.5	22.59
2146	40.7500	116.3303	-163.6	684	SWU	0	0	0	0	91	38.9	2087	56	59	178	1.054	0.331	0.315	4.4	22.59
2147	40.7500	116.3303	-167.8	630	SWU	0	0	0	0	93	38.1	2089	35	110	184	3.143	0.598	0.190	4.4	22.58
2148	40.7500	116.3303	-174.9	585	SWU	0	0	0	0	96	37.4	2151	37	138	132	3.730	1.045	0.280	4.4	22.57
2149	40.7500	116.3303	-183.0	549	SWU	0	0	0	0	92	36.8	2086	35	104	173	2.971	0.601	0.202	4.3	22.57
2150	40.7500	116.3303	-191.9	497	SWU	0	0	0	0	107	35.9	2044	35	82	161	2.343	0.509	0.217	4.2	22.57
2151	40.7500	116.3303	-202.8	451	SWU	0	0	0	0	96	35.0	1932	45	85	176	1.889	0.483	0.256	4.2	22.56
2152	40.7500	116.3303	-224.2	401	SWU	0	0	0	0	98	34.1	1786	11	164	142	14.909	1.155	0.077	4.2	22.55
2153	40.7500	116.3303	-233.7	400	SWU	0	0	0	0	92	34.0	1787	24	116	127	4.833	0.913	0.189	4.2	22.55
2154	40.7500	116.3303	-244.2	426	SWU	0	0	0	0	87	34.6	1785	43	108	105	2.512	1.029	0.410	4.2	22.55
2155	40.7500	116.3303	-251.5	452	SWU	0	0	0	0	93	35.1	1710	41	118	109	2.878	1.083	0.376	4.1	22.55
2156	40.7500	116.3303	-259.1	473	SWU	0	0	0	0	89	35.5	1828	41	143	81	3.488	1.765	0.506	4.1	22.54
2157	40.7500	116.3303	-266.4	469	SWU	0	0	0	0	87	35.4	1783	34	165	89	4.853	1.854	0.382	4.1	22.54
2158	40.7500	116.3303	-274.6	436	SWU	0	0	0	0	90	34.7	1740	30	161	108	5.367	1.491	0.278	4.2	22.53
2159	40.7500	116.3303	-282.8	421	SWU	0	0	0	0	90	34.5	1743	35	95	120	2.714	0.792	0.292	4.2	22.52
2160	40.7500	116.3303	-290.2	398	SWU	0	0	0	0	91	34.0	1674	34	112	104	3.294	1.077	0.327	4.3	22.52
2161	40.7500	116.3303	-295.6	405	SWU	0	0	0	0	95	40.1	1746	38	146	86	3.842	1.698	0.442	4.3	22.51
2162	40.7500	116.3303	-301.0	456	SWU	0	0	0	0	94	41.3	1831	39	133	94	3.410	1.415	0.415	4.3	22.51
2163	40.7500	116.3303	-307.6	495	SWU	0	0	0	0	97	42.1	1864	35	137	88	3.914	1.557	0.398	4.2	22.51
2164	40.7500	116.3303	-319.0	540	SWU	0	0	0	0	90	43.1	1966	39	82	164	2.103	0.500	0.238	4.2	22.51
2165	40.7500	116.3303	-324.3	573	SWU	0	0	0	0	82	43.7	2016	27	162	118	6.000	1.373	0.229	4.2	22.50
2166	40.7500	116.3303	-329.2	580	SWU	0	0	0	0	93	43.8	2097	47	55	139	1.170	0.396	0.338	4.1	22.50
2167	40.7500	116.3303	-335.1	593	SWU	0	0	0	0	92	44.1	2070	31	115	129	3.710	0.891	0.240	4.1	22.50
2168	40.7500	116.3303	-338.6	618	SWU	0	0	0	0	101	44.6	2075	30	112	151	3.733	0.742	0.199	4.0	22.50
2169	40.7500	116.3303	-342.9	618	SWU	0	0	0	0	79	44.5	2162	65	43	212	0.662	0.203	0.307	4.0	22.51

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2170	40.7500	116.3304	-349.7	545	SWU	0	0	0	0	96	43.1	2017	36	76	184	2.111	0.413	0.196	3.9	22.50
2171	40.7500	116.3304	-356.4	499	SWU	0	0	0	0	87	42.2	1969	52	104	146	2.000	0.712	0.356	3.9	22.50
2172	40.7500	116.3304	-363.7	512	SWU	0	0	0	0	100	42.5	1986	32	67	221	2.094	0.303	0.145	3.8	22.49
2173	40.7500	116.3304	-371.5	548	SWU	0	0	1	0	109	43.2	2119	43	24	206	0.558	0.117	0.209	3.8	22.47
2174	40.7500	116.3304	-374.0	597	SWU	0	0	0	0	87	44.2	2310	67	64	184	0.955	0.348	0.364	3.8	22.47
2175	40.7500	116.3304	-379.0	607	SWU	0	0	0	0	90	44.4	2160	46	107	170	2.326	0.629	0.271	3.8	22.46
2176	40.7500	116.3304	-390.5	569	SWU	0	0	0	0	92	43.6	2216	34	159	158	4.676	1.006	0.215	3.7	22.45
2177	40.7500	116.3304	-395.4	499	SWU	0	0	0	0	97	42.2	2090	37	130	169	3.514	0.769	0.219	3.7	22.44
2178	40.7500	116.3304	-400.7	491	SWU	0	0	0	0	84	42.0	1957	39	82	204	2.103	0.402	0.191	3.7	22.43
2179	40.7500	116.3304	-407.0	488	SWU	0	0	0	0	98	42.0	2021	48	76	212	1.583	0.358	0.226	3.7	22.43
2180	40.7500	116.3304	-409.4	493	SWU	0	0	0	0	90	52.4	2060	35	125	157	3.571	0.796	0.223	3.7	22.42
2181	40.7500	116.3304	-411.9	500	SWU	0	0	0	0	90	52.6	2024	69	74	169	1.072	0.438	0.408	3.6	22.41
2182	40.7500	116.3304	-413.3	568	SWU	0	0	0	0	89	54.3	2121	63	37	189	0.587	0.196	0.333	3.6	22.41
2183	40.7500	116.3304	-416.3	569	SWU	0	0	0	0	99	54.3	2023	42	89	170	2.119	0.524	0.247	3.6	22.40
2184	40.7500	116.3304	-420.2	517	SWU	0	0	0	0	93	53.0	1897	27	101	135	3.741	0.748	0.200	3.5	22.39
2185	40.7500	116.3304	-420.9	495	SWU	0	0	0	0	89	52.5	1905	46	75	184	1.630	0.408	0.250	3.5	22.38
2186	40.7500	116.3304	-423.8	476	SWU	0	0	0	0	105	51.9	1835	41	159	91	3.878	1.747	0.451	3.5	22.37
2187	40.7500	116.3304	-425.4	433	SWU	0	0	0	0	97	50.8	1753	26	202	53	7.769	3.811	0.491	3.4	22.36
2188	40.7500	116.3304	-432.5	396	SWU	0	0	0	0	89	49.7	1551	39	105	60	2.692	1.750	0.650	3.4	22.34
2189	40.7500	116.3304	-430.9	370	SWU	0	0	0	0	92	48.9	1559	31	113	59	3.645	1.915	0.525	3.4	22.33
2190	40.7500	116.3304	-430.6	355	OVI	0	0	0	0	98	48.5	1573	39	87	76	2.231	1.145	0.513	3.4	22.32
2191	40.7500	116.3304	-432.7	333	OVI	0	0	0	0	94	47.8	1597	38	110	71	2.895	1.549	0.535	3.4	22.30
2192	40.7500	116.3304	-432.3	294	OVI	0	0	0	0	90	46.5	1593	43	98	90	2.279	1.089	0.478	3.3	22.29
2193	40.7500	116.3304	-433.0	274	OVI	0	0	0	0	95	45.9	1588	24	191	89	7.958	2.146	0.270	3.3	22.27
2194	40.7500	116.3304	-433.4	281	OVI	0	0	0	0	104	46.1	1629	38	122	90	3.211	1.356	0.422	3.3	22.25
2195	40.7500	116.3304	-432.3	292	OVI	0	0	0	0	98	46.4	1534	37	112	88	3.027	1.273	0.420	3.2	22.23
2196	40.7500	116.3304	-428.4	278	OVI	0	0	0	0	100	46.0	1605	24	149	87	6.208	1.713	0.276	3.2	22.21
2197	40.7499	116.3304	-430.2	249	OVI	0	0	0	0	103	45.0	1550	30	94	96	3.133	0.979	0.313	3.2	22.20
2198	40.7499	116.3304	-432.6	230	OVI	0	0	0	0	101	44.4	1534	29	157	76	5.414	2.066	0.382	3.2	22.18
2199	40.7499	116.3304	-431.4	221	OVI	0	0	0	0	101	46.4	1527	37	69	129	1.865	0.535	0.287	3.2	22.16
2200	40.7499	116.3304	-429.2	245	OVI	0	0	0	0	103	47.3	1547	40	60	136	1.500	0.441	0.294	3.2	22.16
2201	40.7499	116.3304	-428.1	287	OVI	0	0	0	0	89	48.8	1768	41	85	141	2.073	0.603	0.291	3.1	22.15
2202	40.7499	116.3304	-429.1	322	OVI	0	0	0	0	89	50.0	1872	51	108	128	2.118	0.844	0.398	3.1	22.16
2203	40.7499	116.3304	-426.3	359	OVI	0	0	0	0	96	51.2	1954	52	114	133	2.192	0.857	0.391	3.0	22.16
2204	40.7499	116.3304	-428.2	392	OVI	0	0	0	0	95	52.2	1944	36	124	148	3.444	0.838	0.243	2.9	22.16
2205	40.7499	116.3304	-430.0	423	OVI	0	0	0	0	100	53.2	1946	41	108	119	2.634	0.908	0.345	2.9	22.16
2206	40.7499	116.3304	-430.7	454	OVI	0	0	0	0	101	54.1	1998	40	87	141	2.175	0.617	0.284	2.8	22.17
2207	40.7499	116.3304	-428.8	472	OVI	0	0	0	0	85	54.6	1859	48	113	124	2.354	0.911	0.387	2.7	22.18
2208	40.7499	116.3304	-430.2	491	OVI	0	0	0	0	101	55.1	1902	24	111	157	4.625	0.707	0.153	2.7	22.19
2209	40.7499	116.3304	-431.1	498	OVI	0	0	0	0	90	55.3	2100	37	92	113	2.486	0.814	0.327	2.6	22.19
2210	40.7499	116.3304	-430.3	509	OVI	0	0	0	0	104	55.6	1938	29	87	125	3.000	0.696	0.232	2.5	22.19
2211	40.7499	116.3304	-429.3	533	OVI	0	0	1	0	100	56.3	1852	52	3	187	0.058	0.016	0.278	2.4	22.18
2212	40.7499	116.3304	-429.3	570	OVI	0	0	1	0	105	57.3	1939	37	1	224	0.027	0.004	0.165	2.4	22.17
2213	40.7499	116.3304	-426.9	578	OVI	0	0	0	0	100	57.5	2024	28	135	128	4.821	1.055	0.219	2.3	22.16
2214	40.7499	116.3304	-422.8	592	OVI	0	0	0	0	90	57.8	2061	45	71	124	1.578	0.573	0.363	2.3	22.17
2215	40.7499	116.3304	-424.4	607	OVI	0	0	0	0	99	58.2	1927	52	32	139	0.615	0.230	0.374	2.2	22.18
2216	40.7499	116.3305	-423.2	639	OVI	0	0	0	0	104	59.0	1941	25	80	137	3.200	0.584	0.182	2.1	22.17
2217	40.7499	116.3305	-422.5	660	OVI	0	0	0	0	89	59.5	2110	45	64	113	1.422	0.566	0.398	2.1	22.17
2218	40.7499	116.3305	-423.0	664	OVI	0	0	0	0	98	45.5	2107	49	76	123	1.551	0.618	0.398	2.0	22.17
2219	40.7499	116.3305	-422.6	672	OVI	0	0	0	0	100	45.6	2193	53	79	163	1.491	0.485	0.325	2.0	22.18
2220	40.7499	116.3305	-422.6	649	OVI	0	0	0	0	102	45.2	1970	31	93	159	3.000	0.585	0.195	1.9	22.18
2221	40.7499	116.3305	-422.5	628	OVI	0	0	0	0	107	44.8	2100	48	100	126	2.083	0.794	0.381	1.8	22.18
2222	40.7499	116.3305	-423.8	619	QTVU	0	0	0	0	107	44.7	2168	78	68	77	0.872	0.883	1.013	1.8	22.18
2223	40.7499	116.3305	-424.9	608	QTVU	0	0	0	0	98	44.5	2184	26	194	142	7.462	1.366	0.183	1.7	22.17

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2224	40.7499	116.3305	-426.8	596	QTVU	0	0	0	0	95	44.2	2281	43	113	185	2.628	0.611	0.232	1.7	22.17
2225	40.7499	116.3305	-434.7	570	QTVU	0	0	0	0	98	43.7	2419	48	134	156	2.792	0.859	0.308	1.6	22.16
2226	40.7499	116.3305	-441.4	551	QTVU	0	0	0	0	110	43.4	2293	57	160	121	2.807	1.322	0.471	1.5	22.16
2227	40.7499	116.3305	-450.0	514	QTVU	0	0	0	0	105	42.6	2492	48	197	138	4.104	1.428	0.348	1.4	22.16
2228	40.7499	116.3305	-460.3	499	QTVU	0	0	0	0	95	42.3	2390	70	82	197	1.171	0.416	0.355	1.3	22.15
2229	40.7499	116.3305	-474.9	497	QTVU	0	0	1	0	101	42.2	2477	83	28	208	0.337	0.135	0.399	1.2	22.15
2230	40.7499	116.3305	-492.4	488	QTVU	0	0	0	0	97	42.1	2399	86	39	190	0.453	0.205	0.453	1.2	22.15
2231	40.7499	116.3305	-496.7	452	QTVU	0	0	0	0	95	41.3	2576	84	154	191	1.833	0.806	0.440	1.2	22.15
2232	40.7499	116.3305	-481.5	419	QTVU	0	0	0	0	101	40.5	2692	71	133	199	1.873	0.668	0.357	1.2	22.14
2233	40.7499	116.3305	-442.8	411	QTVU	0	0	0	0	99	40.3	2660	117	117	199	1.000	0.588	0.588	1.2	22.14
2234	40.7499	116.3305	-402.0	392	QTVU	0	0	0	0	101	39.9	2773	111	156	202	1.405	0.772	0.550	1.1	22.14
2235	40.7499	116.3305	-374.6	379	QTVU	0	0	0	0	95	39.6	2833	115	184	203	1.600	0.906	0.567	1.2	22.14
2236	40.7499	116.3305	-360.9	368	QTVU	0	0	0	0	99	39.3	2892	115	167	232	1.452	0.720	0.496	1.2	22.14
2237	40.7499	116.3305	-357.7	363	QTVU	0	0	0	0	101	43.9	2955	142	193	184	1.359	1.049	0.772	1.2	22.14
2238	40.7499	116.3305	-358.5	360	QTVU	0	0	0	0	112	43.8	3300	135	270	193	2.000	1.399	0.699	1.2	22.15
2239	40.7499	116.3305	-357.0	360	QTVU	0	0	0	0	97	43.9	3313	150	169	249	1.127	0.679	0.602	1.2	22.15
2240	40.7499	116.3305	-356.0	364	QTVU	0	0	0	0	105	44.0	3240	127	272	224	2.142	1.214	0.567	1.2	22.15
2241	40.7499	116.3305	-354.2	360	QTVU	0	0	0	0	100	43.8	3120	136	218	215	1.603	1.014	0.633	1.2	22.16
2242	40.7499	116.3305	-352.1	353	QTVU	0	0	0	0	99	43.7	3142	105	292	231	2.781	1.264	0.455	1.2	22.16
2243	40.7499	116.3305	-355.4	339	QTVU	0	0	0	0	100	43.3	3217	142	304	165	2.141	1.842	0.861	1.3	22.17
2244	40.7499	116.3305	-358.0	328	QTVU	0	0	0	0	100	43.0	3206	131	212	295	1.618	0.719	0.444	1.2	22.17
2245	40.7499	116.3305	-359.2	338	QTVU	0	0	0	0	99	43.2	3232	116	322	183	2.776	1.760	0.634	1.2	22.17
2246	40.7499	116.3305	-354.8	354	QTVU	0	0	0	0	98	43.7	3262	126	148	329	1.175	0.450	0.383	1.2	22.17
2247	40.7499	116.3305	-353.7	364	QTVU	0	0	0	0	93	44.0	3169	144	217	213	1.507	1.019	0.676	1.2	22.18
2248	40.7499	116.3305	-354.1	372	QTVU	0	0	0	0	112	44.2	3128	143	86	329	0.601	0.261	0.435	1.1	22.19
2249	40.7499	116.3305	-357.0	387	QTVU	0	0	0	0	98	44.6	3185	120	217	258	1.808	0.841	0.465	1.1	22.19
2250	40.7499	116.3305	-362.3	406	QTVU	0	0	0	0	88	45.1	3290	141	192	248	1.362	0.774	0.569	1.1	22.19
2251	40.7499	116.3305	-362.5	420	QTVU	0	0	0	0	91	45.5	3290	127	297	209	2.339	1.421	0.608	1.1	22.20
2252	40.7499	116.3305	-361.2	430	QTVU	0	0	0	0	101	45.7	3376	145	180	188	1.241	0.957	0.771	1.1	22.21
2253	40.7499	116.3305	-361.3	439	QTVU	0	0	0	0	102	45.9	3148	126	157	241	1.246	0.651	0.523	1.1	22.21
2254	40.7499	116.3305	-360.5	447	QTVU	0	0	0	0	90	46.1	3152	149	202	229	1.356	0.882	0.651	1.1	22.23
2255	40.7499	116.3305	-364.4	455	QTVU	0	0	0	0	94	46.3	3356	124	256	188	2.065	1.362	0.660	1.1	22.23
2256	40.7499	116.3305	-368.6	463	QTVU	0	0	0	0	105	33.6	3257	103	273	210	2.650	1.300	0.490	1.1	22.24
2257	40.7499	116.3305	-376.9	465	QTVU	0	0	0	0	105	33.7	3131	114	275	176	2.412	1.563	0.648	1.2	22.24
2258	40.7499	116.3305	-382.7	458	QTVU	0	0	0	0	81	33.5	2957	100	194	253	1.940	0.767	0.395	1.1	22.26
2259	40.7499	116.3306	-388.0	445	QTVU	0	0	0	0	101	33.3	2964	113	128	250	1.133	0.512	0.452	1.2	22.28
2260	40.7499	116.3306	-392.8	437	TG2	0	0	0	0	109	33.1	2920	121	181	197	1.496	0.919	0.614	1.2	22.31
2261	40.7499	116.3306	-395.2	427	TG2	0	0	0	0	91	33.0	2841	104	123	235	1.183	0.523	0.443	1.2	22.33
2262	40.7499	116.3306	-402.5	423	TG2	0	0	0	0	91	32.9	2760	85	218	213	2.565	1.023	0.399	1.2	22.36
2263	40.7499	116.3306	-407.9	432	TG2	0	0	0	0	93	33.1	2734	100	195	193	1.950	1.010	0.518	1.2	22.38
2264	40.7499	116.3306	-415.7	454	TG2	0	0	0	0	95	33.5	2551	63	170	231	2.698	0.736	0.273	1.2	22.39
2265	40.7499	116.3306	-426.5	480	TG2	0	0	0	0	107	33.9	2558	79	166	188	2.101	0.883	0.420	1.2	22.41
2266	40.7499	116.3306	-438.4	490	TG2	0	0	0	0	93	34.1	2434	63	166	190	2.635	0.874	0.332	1.2	22.42
2267	40.7499	116.3306	-449.1	496	TG2	0	0	0	0	103	34.2	2299	79	206	127	2.608	1.622	0.622	1.2	22.43
2268	40.7499	116.3306	-459.1	498	TG2	0	0	0	0	95	34.2	2509	74	200	159	2.703	1.258	0.465	1.2	22.44
2269	40.7499	116.3306	-463.9	494	TG2	0	0	0	0	85	34.2	2587	85	169	196	1.988	0.862	0.434	1.3	22.45
2270	40.7499	116.3306	-466.1	493	TG2	0	0	0	0	95	34.1	2411	62	146	222	2.355	0.658	0.279	1.3	22.46
2271	40.7499	116.3306	-467.6	492	TG2	0	0	0	0	95	34.1	2206	63	198	107	3.143	1.850	0.589	1.3	22.48
2272	40.7499	116.3306	-469.1	495	TG2	0	0	0	0	101	34.2	2168	38	210	108	5.526	1.944	0.352	1.4	22.50
2273	40.7499	116.3306	-470.3	497	TG2	0	0	0	0	91	34.2	2113	65	84	184	1.292	0.457	0.353	1.4	22.51
2274	40.7499	116.3306	-470.3	503	TG2	0	0	0	0	88	34.3	2048	62	108	130	1.742	0.831	0.477	1.4	22.53
2275	40.7499	116.3306	-468.8	500	TG2	0	0	0	0	92	36.4	2052	45	121	147	2.689	0.823	0.306	1.4	22.54
2276	40.7499	116.3306	-467.0	504	TG2	0	0	0	0	90	36.4	2074	66	118	163	1.788	0.724	0.405	1.5	22.55
2277	40.7499	116.3306	-465.3	507	TG2	0	0	0	0	109	36.5	2049	62	89	142	1.435	0.627	0.437	1.5	22.57

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2278	40.7499	116.3306	-463.0	532	TG2	0	0	0	0	109	36.9	2035	60	52	181	0.867	0.287	0.331	1.6	22.58
2279	40.7499	116.3306	-463.0	569	TG2	0	0	0	0	80	37.6	2090	59	108	143	1.831	0.755	0.413	1.6	22.59
2280	40.7499	116.3306	-461.8	618	TG2	0	0	0	0	90	38.4	1952	36	119	183	3.306	0.650	0.197	1.7	22.60
2281	40.7499	116.3306	-460.2	657	TG2	0	0	0	0	103	38.7	2078	63	112	112	1.778	1.000	0.563	1.7	22.61
2282	40.7499	116.3306	-458.6	670	TG2	0	0	0	0	87	39.2	2230	74	43	167	0.581	0.257	0.443	1.7	22.62
2283	40.7499	116.3306	-458.5	683	TG2	0	0	0	0	88	39.4	1954	44	61	130	1.386	0.469	0.338	1.7	22.63
2284	40.7499	116.3306	-458.9	673	TG2	0	0	0	0	84	39.2	1923	31	101	139	3.258	0.727	0.223	1.7	22.64
2285	40.7499	116.3306	-458.4	643	TG2	0	0	0	0	97	38.8	1835	55	63	160	1.145	0.394	0.344	1.7	22.65
2286	40.7499	116.3306	-459.6	639	TG2	0	0	0	0	87	38.7	1902	57	50	127	0.877	0.394	0.449	1.7	22.66
2287	40.7499	116.3306	-461.2	627	TG2	0	0	0	0	101	38.5	1863	47	122	59	2.596	2.068	0.797	1.6	22.67
2288	40.7499	116.3306	-461.7	637	TG2	0	0	0	0	79	38.7	1707	26	130	98	5.000	1.327	0.265	1.6	22.68
2289	40.7499	116.3306	-462.0	660	TG2	0	0	0	0	97	39.0	1762	46	56	97	1.217	0.577	0.474	1.6	22.69
2290	40.7499	116.3306	-464.7	721	TG2	1	0	0	0	85	39.9	2050	12	175	134	14.583	1.306	0.090	1.6	22.71
2291	40.7499	116.3306	-464.7	773	TG2	1	0	0	0	89	40.6	2036	49	88	101	1.796	0.871	0.485	1.6	22.72
2292	40.7499	116.3306	-466.4	794	TG2	1	0	0	0	86	40.9	1997	32	88	138	2.750	0.638	0.232	1.5	22.73
2293	40.7499	116.3306	-466.2	816	TG2	1	0	1	0	87	41.2	2003	48	30	193	0.625	0.155	0.249	1.5	22.75
2294	40.7499	116.3306	-467.9	813	TG2	1	0	0	0	96	24.1	1873	31	101	164	3.258	0.616	0.189	1.4	22.77
2295	40.7499	116.3306	-470.5	801	TG2	1	0	0	0	84	24.0	1821	47	118	50	2.511	2.360	0.940	1.4	22.78
2296	40.7499	116.3306	-472.4	788	TG2	1	0	0	0	84	23.9	1844	26	157	84	6.038	1.869	0.310	1.4	22.78
2297	40.7499	116.3306	-472.5	744	TG2	1	0	0	0	94	23.5	2031	48	127	118	2.646	1.076	0.407	1.4	22.79
2298	40.7499	116.3306	-475.1	702	TG2	1	0	0	0	94	23.2	2077	55	41	162	0.745	0.253	0.340	1.4	22.81
2299	40.7499	116.3306	-478.0	685	TG2	0	0	0	0	86	23.1	1998	51	102	124	2.000	0.823	0.411	1.4	22.81
2300	40.7499	116.3307	-477.5	690	TG2	0	0	0	0	94	23.1	1948	42	102	145	2.429	0.703	0.290	1.4	22.82
2301	40.7499	116.3307	-479.8	705	TG2	1	0	0	0	82	23.2	1902	30	140	117	4.667	1.197	0.256	1.4	22.82
2302	40.7499	116.3307	-478.7	684	TG2	0	0	0	0	90	23.0	2034	60	65	124	1.083	0.524	0.484	1.4	22.82
2303	40.7499	116.3307	-478.6	641	TG2	0	0	0	0	75	22.7	1854	41	127	95	3.098	1.337	0.432	1.4	22.83
2304	40.7499	116.3307	-479.2	626	TG2	0	0	0	0	91	22.5	1952	44	116	110	2.636	1.055	0.400	1.5	22.83
2305	40.7499	116.3307	-479.7	625	TG2	0	0	0	0	93	22.5	1848	45	106	129	2.356	0.822	0.349	1.5	22.83
2306	40.7499	116.3307	-480.5	625	TG2	0	0	0	0	92	22.5	1945	48	79	138	1.646	0.572	0.348	1.6	22.82
2307	40.7499	116.3307	-481.0	622	TG2	0	0	0	0	88	22.5	1887	41	111	132	2.707	0.841	0.311	1.6	22.81
2308	40.7499	116.3307	-479.5	593	TG2	0	0	0	0	99	22.2	1963	39	96	167	2.462	0.575	0.234	1.6	22.82
2309	40.7499	116.3307	-480.9	579	TG2	0	0	0	0	93	22.1	1947	59	97	124	1.644	0.782	0.476	1.6	22.81
2310	40.7499	116.3307	-483.1	553	TG2	0	0	0	0	86	21.8	1908	52	84	84	1.615	1.000	0.619	1.6	22.82
2311	40.7499	116.3307	-482.7	533	TG2	0	0	0	0	97	21.6	1912	35	93	136	2.657	0.684	0.257	1.7	22.82
2312	40.7499	116.3307	-484.6	528	TG2	0	0	0	0	88	21.6	1894	29	107	154	3.690	0.695	0.188	1.7	22.82
2313	40.7499	116.3307	-483.9	548	TG2	0	0	0	0	82	31.4	2026	44	94	115	2.136	0.817	0.383	1.7	22.83
2314	40.7499	116.3307	-484.3	554	TG2	0	0	0	0	87	31.5	1871	53	94	110	1.774	0.855	0.482	1.8	22.83
2315	40.7499	116.3307	-484.4	570	TG2	0	0	0	0	85	31.7	2152	51	46	193	0.902	0.238	0.264	1.8	22.84
2316	40.7499	116.3307	-486.2	536	TG2	0	0	0	0	77	31.2	1950	51	103	140	2.020	0.736	0.364	1.9	22.84
2317	40.7499	116.3307	-485.3	500	TG2	0	0	0	0	79	30.7	1916	41	135	105	3.068	1.286	0.419	1.9	22.84
2318	40.7499	116.3307	-483.1	495	TG2	0	0	0	0	93	30.6	1854	37	54	158	1.459	0.342	0.234	1.9	22.84
2319	40.7499	116.3307	-482.7	480	TG2	0	0	0	0	88	30.3	1922	25	89	193	3.560	0.461	0.130	2.0	22.85
2320	40.7499	116.3307	-482.9	429	TG2	0	0	0	0	82	29.5	1827	32	126	136	3.938	0.926	0.235	1.9	22.85
2321	40.7499	116.3307	-480.7	384	TG2	0	0	0	0	81	28.8	1640	34	95	114	2.794	0.833	0.298	2.0	22.86
2322	40.7499	116.3307	-479.2	389	TG2	0	0	0	0	91	28.8	1743	49	40	151	0.816	0.265	0.325	2.0	22.86
2323	40.7499	116.3307	-475.7	422	TG2	0	0	0	0	82	29.4	1784	36	88	154	2.444	0.571	0.234	2.1	22.86
2324	40.7499	116.3307	-477.7	452	TG2	0	0	0	0	88	29.9	1831	42	112	119	2.667	0.941	0.353	2.1	22.86
2325	40.7499	116.3307	-479.7	476	TG2	0	0	0	0	82	30.3	1938	26	93	176	3.577	0.528	0.148	2.2	22.87
2326	40.7499	116.3307	-477.1	490	TG2	0	0	0	0	87	30.5	1939	49	105	145	2.143	0.724	0.338	2.3	22.87
2327	40.7499	116.3307	-479.1	494	TG2	0	0	0	0	95	30.6	1955	41	55	205	1.341	0.268	0.200	2.3	22.88
2328	40.7499	116.3307	-480.3	499	TG2	0	0	0	0	82	30.6	1878	40	135	123	3.375	1.098	0.325	2.3	22.89
2329	40.7499	116.3307	-482.0	499	TG2	0	0	0	0	86	30.6	1963	50	74	189	1.480	0.392	0.265	2.4	22.89
2330	40.7499	116.3307	-482.9	483	TG2	0	0	0	0	87	30.4	1884	46	152	78	3.304	1.949	0.590	2.5	22.89
2331	40.7499	116.3307	-485.2	447	TG2	0	0	0	0	86	29.8	1798	41	80	134	1.951	0.597	0.306	2.5	22.90

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2332	40.7499	116.3308	-486.1	465	TG2	0	0	0	0	88	40.8	1798	46	52	168	1.130	0.310	0.274	2.5	22.90
2333	40.7499	116.3308	-487.8	492	TG2	0	0	0	0	75	41.3	1911	34	57	179	1.676	0.318	0.190	2.6	22.90
2334	40.7499	116.3308	-487.8	499	TG2	0	0	0	0	86	41.5	1913	32	80	153	2.500	0.523	0.209	2.6	22.91
2335	40.7499	116.3308	-490.8	497	TG2	0	0	0	0	91	41.4	1970	43	135	117	3.140	1.154	0.368	2.6	22.92
2336	40.7499	116.3308	-492.9	480	TG2	0	0	0	0	81	41.1	1930	32	29	232	0.906	0.125	0.138	2.7	22.92
2337	40.7499	116.3308	-492.6	425	TG2	0	0	0	0	87	39.9	1913	36	48	207	1.333	0.232	0.174	2.7	22.93
2338	40.7499	116.3308	-494.2	386	TG2	0	0	0	0	85	39.0	1698	36	114	117	3.167	0.974	0.308	2.8	22.93
2339	40.7499	116.3308	-495.0	387	TG2	0	0	0	0	82	39.0	1665	31	90	154	2.903	0.584	0.201	2.8	22.93
2340	40.7499	116.3308	-496.7	416	TG2	0	0	0	0	95	39.7	1836	36	89	154	2.472	0.578	0.234	2.9	22.94
2341	40.7499	116.3308	-495.4	450	TG2	0	0	0	0	89	40.4	1912	43	49	182	1.140	0.269	0.236	3.0	22.94
2342	40.7499	116.3308	-496.9	485	TG2	0	0	0	0	90	41.2	1891	48	32	187	0.667	0.171	0.257	3.0	22.95
2343	40.7499	116.3308	-498.7	477	TG2	0	0	0	0	85	41.0	1960	42	74	188	1.762	0.394	0.223	3.1	22.95
2344	40.7499	116.3308	-499.7	419	TG2	0	0	0	0	88	39.8	1898	30	195	114	6.500	1.711	0.263	3.2	22.96
2345	40.7499	116.3308	-501.4	368	TG2	0	0	0	0	71	38.6	1760	29	164	145	5.655	1.131	0.200	3.2	22.97
2346	40.7499	116.3308	-501.0	346	TG2	0	0	0	0	87	38.1	1740	44	74	130	1.682	0.569	0.338	3.3	22.98
2347	40.7499	116.3308	-502.4	361	TG2	0	0	0	0	84	38.4	1826	29	121	166	4.172	0.729	0.175	3.4	22.99
2348	40.7499	116.3308	-502.9	396	TG2	0	0	0	0	88	39.2	1881	39	113	132	2.897	0.856	0.295	3.5	22.99
2349	40.7499	116.3308	-503.9	417	TG2	0	0	0	0	86	39.7	1943	57	88	171	1.544	0.515	0.333	3.6	23.00
2350	40.7499	116.3308	-506.1	423	TG2	0	0	0	0	75	39.9	1956	36	99	203	2.750	0.488	0.177	3.7	23.00
2351	40.7499	116.3308	-505.3	460	TG2	0	0	0	0	90	46.8	2002	33	79	190	2.394	0.416	0.174	3.8	23.00
2352	40.7499	116.3308	-507.9	479	TG2	0	0	0	0	86	47.3	2181	45	134	146	2.978	0.918	0.308	3.9	23.01
2353	40.7499	116.3308	-507.2	446	TG2	0	0	0	0	85	46.5	2033	62	63	151	1.016	0.417	0.411	3.9	23.01
2354	40.7499	116.3308	-509.5	415	TG2	0	0	0	0	86	45.7	2069	52	80	164	1.538	0.488	0.317	4.0	23.02
2355	40.7499	116.3308	-509.3	374	TG2	0	0	0	0	92	44.6	2005	52	87	140	1.673	0.621	0.371	4.0	23.02
2356	40.7499	116.3308	-510.7	321	TG2	0	0	0	0	90	43.1	1906	45	95	136	2.111	0.699	0.331	4.1	23.03
2357	40.7499	116.3308	-509.8	287	TG2	0	0	0	0	87	42.1	1826	34	59	174	1.735	0.339	0.195	4.1	23.03
2358	40.7499	116.3308	-511.2	297	TG2	0	0	0	0	82	42.4	1824	41	42	183	1.024	0.230	0.224	4.1	23.04
2359	40.7499	116.3308	-511.7	300	TG2	0	0	0	0	86	42.5	1932	38	109	180	2.868	0.606	0.211	4.2	23.05
2360	40.7499	116.3308	-512.3	288	TG2	0	0	0	0	91	42.1	1852	38	71	151	1.868	0.470	0.252	4.2	23.05
2361	40.7499	116.3308	-513.7	298	TG2	0	0	0	0	80	42.4	1861	42	42	180	1.000	0.233	0.233	4.2	23.06
2362	40.7499	116.3308	-513.9	306	TG2	0	0	1	0	93	42.7	1888	44	20	198	0.455	0.101	0.222	4.2	23.07
2363	40.7499	116.3308	-514.9	303	TG2	0	0	0	0	79	42.6	1878	52	43	175	0.827	0.246	0.297	4.3	23.07
2364	40.7499	116.3309	-516.5	287	TG2	0	0	0	0	73	42.1	1859	37	156	149	4.216	1.047	0.248	4.4	23.08
2365	40.7499	116.3309	-516.5	285	TG2	0	0	0	0	80	42.0	1747	45	93	140	2.067	0.664	0.321	4.4	23.09
2366	40.7499	116.3309	-516.1	302	TG2	0	0	0	0	92	42.5	1754	29	58	165	2.000	0.352	0.176	4.5	23.09
2367	40.7499	116.3309	-519.3	316	TG2	0	0	0	0	81	42.9	1821	44	50	173	1.136	0.289	0.254	4.5	23.09
2368	40.7499	116.3309	-520.5	353	TG2	0	0	0	0	83	44.0	1797	40	126	130	3.150	0.969	0.308	4.5	23.10
2369	40.7499	116.3309	-518.7	384	TG2	0	0	0	0	89	44.9	1848	41	61	165	1.488	0.370	0.248	4.6	23.10
2370	40.7499	116.3309	-519.9	388	TG2	0	0	0	0	90	43.8	1899	31	118	158	3.806	0.747	0.196	4.7	23.10
2371	40.7499	116.3309	-520.8	403	TG2	0	0	0	0	87	44.2	1945	52	30	149	0.577	0.201	0.349	4.7	23.11
2372	40.7499	116.3309	-521.8	436	TG2	0	0	0	0	80	45.0	2016	60	119	89	1.983	1.337	0.674	4.7	23.12
2373	40.7499	116.3309	-522.2	447	TG2	0	0	0	0	81	45.3	2040	42	81	162	1.929	0.500	0.259	4.7	23.12
2374	40.7499	116.3309	-524.5	441	TG2	0	0	0	0	81	45.1	1994	42	92	150	2.190	0.613	0.280	4.7	23.13
2375	40.7499	116.3309	-524.9	452	TG2	0	0	0	0	90	45.4	2084	43	56	189	1.302	0.296	0.228	4.8	23.14
2376	40.7499	116.3309	-525.2	471	TG2	0	0	0	0	88	45.9	2081	61	42	171	0.689	0.246	0.357	4.8	23.15
2377	40.7499	116.3309	-525.1	489	TG2	0	0	0	0	71	46.3	1987	51	76	139	1.490	0.547	0.367	4.8	23.15
2378	40.7499	116.3309	-528.3	493	TG2	0	0	0	0	79	46.4	2127	44	37	200	0.841	0.135	0.220	4.9	23.15
2379	40.7499	116.3309	-527.3	486	TG2	0	0	0	0	84	46.2	2025	47	142	102	3.021	1.392	0.461	4.9	23.15
2380	40.7499	116.3309	-529.8	458	TG2	0	0	0	0	86	45.5	1911	34	97	126	2.853	0.770	0.270	4.8	23.15
2381	40.7499	116.3309	-529.3	437	TG2	0	0	0	0	77	45.0	1902	49	45	205	0.918	0.220	0.239	4.8	23.16
2382	40.7499	116.3309	-530.6	430	TG2	0	0	0	0	81	44.8	1861	39	67	159	1.718	0.421	0.245	4.9	23.16
2383	40.7499	116.3309	-531.4	445	TG2	0	0	0	0	83	45.2	1962	33	55	183	1.667	0.301	0.180	4.9	23.17
2384	40.7499	116.3309	-532.0	472	TG2	0	0	0	0	80	45.9	2001	36	125	136	3.472	0.919	0.265	4.9	23.17
2385	40.7499	116.3309	-534.3	488	TG2	0	0	1	0	94	46.2	1993	60	29	204	0.483	0.142	0.294	5.0	23.18

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2386	40.7499	116.3309	-536.6	491	TG2	0	0	0	0	81	46.3	2084	65	95	116	1.462	0.819	0.560	5.0	23.18
2387	40.7499	116.3309	-537.1	488	TG2	0	0	0	0	81	46.3	2030	50	70	188	1.400	0.372	0.266	5.1	23.19
2388	40.7499	116.3309	-538.5	464	TG2	0	0	0	0	76	45.7	1989	66	68	150	1.030	0.453	0.440	5.1	23.19
2389	40.7499	116.3309	-540.5	435	TG2	0	0	0	0	73	42.4	2033	54	100	167	1.852	0.599	0.323	5.1	23.19
2390	40.7499	116.3309	-542.2	408	TG2	0	0	0	0	87	41.8	1924	41	85	140	2.073	0.607	0.293	5.1	23.19
2391	40.7499	116.3309	-544.3	400	TG2	0	0	0	0	79	41.6	1977	61	84	160	1.377	0.525	0.381	5.1	23.20
2392	40.7499	116.3309	-545.4	418	TG2	0	0	0	0	76	42.0	1925	38	124	134	3.263	0.925	0.284	5.1	23.20
2393	40.7499	116.3309	-548.2	443	TG2	0	0	0	0	92	42.6	1978	56	46	163	0.821	0.282	0.344	5.2	23.20
2394	40.7499	116.3309	-548.9	454	TG2	0	0	0	0	86	42.9	1991	62	86	138	1.387	0.623	0.449	5.2	23.21
2395	40.7499	116.3309	-550.3	426	TG2	0	0	0	0	92	42.2	1998	57	91	130	1.596	0.700	0.438	5.2	23.21
2396	40.7499	116.3310	-553.4	389	TG2	0	0	0	0	81	41.3	1921	38	95	178	2.500	0.534	0.213	5.2	23.22
2397	40.7499	116.3310	-555.1	369	TG2	0	0	0	0	91	40.8	1994	55	73	170	1.327	0.429	0.324	5.2	23.22
2398	40.7499	116.3310	-557.0	346	TG2	0	0	0	0	75	40.2	1930	53	67	162	1.264	0.414	0.327	5.2	23.23
2399	40.7499	116.3310	-559.6	308	TG2	0	0	0	0	80	39.2	1830	39	86	173	2.205	0.497	0.225	5.2	23.22
2400	40.7499	116.3310	-559.4	299	TG2	0	0	0	0	84	39.0	1854	44	73	185	1.659	0.395	0.238	5.2	23.22
2401	40.7499	116.3310	-561.2	319	TG2	0	0	0	0	86	39.5	1974	34	99	153	2.912	0.647	0.222	5.2	23.22
2402	40.7499	116.3310	-561.5	316	TG2	0	0	0	0	84	39.4	1880	41	106	148	2.585	0.716	0.277	5.2	23.23
2403	40.7499	116.3310	-564.2	322	TG2	0	0	0	0	76	39.6	1939	53	77	153	1.453	0.503	0.346	5.1	23.23
2404	40.7499	116.3310	-566.5	318	TG2	0	0	0	0	82	39.5	1827	49	80	137	1.633	0.584	0.358	5.1	23.23
2405	40.7499	116.3310	-567.2	287	TG2	0	0	0	0	82	38.6	1786	43	123	123	2.860	1.000	0.350	5.1	23.23
2406	40.7499	116.3310	-567.3	310	TG2	0	0	0	0	86	39.3	1811	48	82	157	1.708	0.522	0.306	5.1	23.23
2407	40.7499	116.3310	-568.0	351	TG2	0	0	0	0	83	40.4	1922	57	43	169	0.754	0.254	0.337	5.1	23.23
2408	40.7499	116.3310	-568.5	377	TG2	0	0	0	0	76	37.1	1920	36	69	193	1.917	0.358	0.187	5.2	23.23
2409	40.7499	116.3310	-572.4	386	TG2	0	0	0	0	86	37.3	1969	41	136	130	3.317	1.046	0.315	5.1	23.23
2410	40.7499	116.3310	-572.6	398	TG2	0	0	0	0	83	37.5	1925	48	78	187	1.625	0.417	0.257	5.1	23.23
2411	40.7499	116.3310	-574.6	368	TG2	0	0	0	0	78	36.9	1942	49	83	159	1.694	0.522	0.308	5.2	23.23
2412	40.7499	116.3310	-575.3	340	TG2	0	0	0	0	89	36.2	1909	35	76	178	2.171	0.427	0.197	5.2	23.23
2413	40.7499	116.3310	-575.8	340	TG2	0	0	0	0	85	36.2	1954	52	81	148	1.558	0.547	0.351	5.2	23.23
2414	40.7499	116.3310	-577.3	364	TG2	0	0	0	0	86	36.8	2012	44	81	177	1.841	0.458	0.249	5.2	23.24
2415	40.7499	116.3310	-580.2	385	TG2	0	0	0	0	77	37.2	1936	57	88	165	1.544	0.533	0.345	5.1	23.24
2416	40.7499	116.3310	-583.0	403	TG2	0	0	0	0	75	37.7	2042	49	113	161	2.306	0.702	0.304	5.2	23.25
2417	40.7499	116.3310	-584.6	422	TG2	0	0	0	0	73	38.1	1884	39	131	126	3.359	1.040	0.310	5.1	23.25
2418	40.7499	116.3310	-586.7	442	TG2	0	0	0	0	83	38.5	1950	43	145	150	3.372	0.967	0.287	5.1	23.25
2419	40.7499	116.3310	-588.3	455	TG2	0	0	0	0	86	38.8	1931	53	52	199	0.981	0.261	0.266	5.2	23.25
2420	40.7499	116.3310	-590.3	461	TG2	0	0	0	0	84	38.9	1972	46	47	179	1.022	0.263	0.257	5.2	23.25
2421	40.7499	116.3310	-593.5	437	TG2	0	0	0	0	74	38.4	1973	48	71	193	1.479	0.368	0.249	5.2	23.25
2422	40.7499	116.3310	-595.4	410	TG2	0	0	0	0	83	37.8	1805	37	105	148	2.838	0.709	0.250	5.2	23.25
2423	40.7499	116.3310	-598.1	397	TG2	0	0	1	0	88	37.5	1812	43	26	200	0.605	0.130	0.215	5.3	23.25
2424	40.7499	116.3310	-599.3	399	TG2	0	0	0	0	80	37.6	1896	40	102	134	2.550	0.761	0.299	5.3	23.25
2425	40.7499	116.3310	-599.7	407	TG2	0	0	0	0	81	37.7	1873	40	60	151	1.500	0.397	0.265	5.4	23.24
2426	40.7499	116.3310	-601.2	441	TG2	0	0	0	0	96	38.5	1890	49	40	151	0.816	0.265	0.325	5.4	23.24
2427	40.7499	116.3310	-603.0	463	TG2	0	0	0	0	80	34.7	1966	39	90	142	2.308	0.634	0.275	5.4	23.24
2428	40.7499	116.3311	-605.2	437	TG2	0	0	0	0	72	34.2	1745	30	91	101	3.033	0.901	0.297	5.3	23.25
2429	40.7499	116.3311	-608.3	431	TG2	0	0	0	0	80	34.1	1816	30	144	121	4.800	1.190	0.248	5.3	23.25
2430	40.7499	116.3311	-610.8	454	TG2	0	0	0	0	80	34.5	1775	31	102	170	3.290	0.600	0.182	5.2	23.26
2431	40.7499	116.3311	-611.7	474	TG2	0	0	0	0	80	34.9	1967	37	102	138	2.757	0.739	0.268	5.3	23.26
2432	40.7499	116.3311	-613.5	467	TG2	0	0	0	0	75	34.8	1936	33	64	192	1.939	0.333	0.172	5.3	23.27
2433	40.7499	116.3311	-612.3	431	TG2	0	0	0	0	86	34.1	1897	33	130	156	3.939	0.833	0.212	5.3	23.27
2434	40.7499	116.3311	-610.3	395	TG2	0	0	0	0	81	33.4	1877	57	87	109	1.526	0.798	0.523	5.3	23.27
2435	40.7499	116.3311	-605.8	372	TG2	0	0	0	0	73	32.9	1787	38	87	132	2.289	0.659	0.288	5.4	23.28
2436	40.7499	116.3311	-601.1	368	TG2	0	0	0	0	85	32.9	1751	40	107	106	2.675	1.009	0.377	5.4	23.29
2437	40.7499	116.3311	-595.4	384	TG2	0	0	0	0	86	33.2	1620	28	80	114	2.857	0.702	0.246	5.4	23.29
2438	40.7499	116.3311	-586.8	427	TG2	0	0	0	0	83	34.0	1798	35	71	130	2.029	0.546	0.269	5.4	23.30
2439	40.7499	116.3311	-579.0	458	TG2	0	0	0	0	72	34.6	1777	46	91	143	1.978	0.636	0.322	5.4	23.30

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2440	40.7499	116.3311	-571.9	448	TG2	0	0	0	0	92	34.4	1824	37	30	174	0.811	0.172	0.213	5.4	23.31
2441	40.7499	116.3311	-565.2	405	TG2	0	0	0	0	81	33.6	1797	47	50	138	1.064	0.362	0.341	5.3	23.31
2442	40.7499	116.3311	-557.2	376	TG2	0	0	0	0	80	33.0	1753	23	167	107	7.261	1.561	0.215	5.3	23.31
2443	40.7499	116.3311	-552.9	385	TG2	0	0	0	0	74	33.2	1742	29	118	107	4.069	1.103	0.271	5.3	23.32
2444	40.7499	116.3311	-550.2	413	TG2	0	0	0	0	86	33.8	1710	26	95	135	3.654	0.704	0.193	5.3	23.32
2445	40.7499	116.3311	-550.9	438	TG2	0	0	0	0	83	34.2	1820	39	84	111	2.154	0.757	0.351	5.3	23.32
2446	40.7499	116.3311	-553.9	412	TG2	0	0	0	0	71	29.7	1790	38	100	138	2.632	0.725	0.275	5.4	23.32
2447	40.7499	116.3311	-555.3	370	TG2	0	0	0	0	89	29.0	1708	24	120	106	5.000	1.132	0.226	5.4	23.33
2448	40.7499	116.3311	-554.4	351	TG2	0	0	0	0	79	28.6	1631	30	87	131	2.900	0.664	0.229	5.4	23.33
2449	40.7499	116.3311	-555.9	356	TG2	0	0	0	0	77	28.7	1515	29	55	133	1.897	0.414	0.218	5.4	23.34
2450	40.7499	116.3311	-557.7	378	TG2	0	0	0	0	75	29.1	1683	28	91	133	3.250	0.684	0.211	5.4	23.35
2451	40.7499	116.3311	-564.7	410	TG2	0	0	0	0	92	29.7	1749	35	50	156	1.429	0.321	0.224	5.3	23.35
2452	40.7499	116.3311	-575.7	432	TG2	0	0	0	0	80	30.0	1738	32	148	109	4.625	1.358	0.294	5.3	23.36
2453	40.7499	116.3311	-585.0	427	TG2	0	0	0	0	78	30.0	1726	31	117	123	3.774	0.951	0.252	5.3	23.36
2454	40.7499	116.3311	-596.7	408	TG2	0	0	0	0	79	29.6	1678	42	68	121	1.619	0.562	0.347	5.4	23.36
2455	40.7499	116.3311	-602.9	384	QOA3	0	0	0	0	78	29.2	1668	43	113	92	2.628	1.228	0.467	5.4	23.37
2456	40.7499	116.3311	-609.1	387	QOA3	0	0	0	0	83	29.3	1774	38	103	131	2.711	0.786	0.290	5.4	23.37
2457	40.7499	116.3311	-616.9	385	QOA3	0	0	0	0	87	29.2	1786	32	71	149	2.219	0.477	0.215	5.4	23.38
2458	40.7499	116.3311	-620.5	368	QOA3	0	0	0	0	84	28.9	1692	40	112	109	2.800	1.028	0.367	5.3	23.39
2459	40.7499	116.3311	-621.0	373	QOA3	0	0	0	0	75	29.0	1613	29	84	121	2.897	0.694	0.240	5.4	23.39
2460	40.7499	116.3312	-622.5	398	QOA3	0	0	0	0	75	29.5	1720	38	84	133	2.211	0.632	0.286	5.4	23.40
2461	40.7499	116.3312	-625.3	419	QOA3	0	0	0	0	84	29.8	1766	37	31	163	0.838	0.190	0.227	5.4	23.40
2462	40.7499	116.3312	-628.8	427	QOA3	0	0	0	0	77	30.0	1795	47	58	166	1.234	0.349	0.283	5.4	23.41
2463	40.7499	116.3312	-632.5	430	QOA3	0	0	0	0	89	30.0	1774	37	101	112	2.730	0.902	0.330	5.4	23.42
2464	40.7499	116.3312	-639.2	440	QOA3	0	0	0	0	79	30.2	1808	46	79	110	1.717	0.718	0.418	5.3	23.43
2465	40.7499	116.3312	-646.3	452	QOA3	0	0	0	0	81	40.7	1811	23	119	141	5.174	0.844	0.163	5.3	23.44
2466	40.7499	116.3312	-652.2	462	QOA3	0	0	0	0	80	41.0	1934	37	66	182	1.784	0.363	0.203	5.3	23.45
2467	40.7499	116.3312	-658.5	465	QOA3	0	0	0	0	92	41.0	1884	30	105	138	3.500	0.761	0.217	5.3	23.45
2468	40.7499	116.3312	-660.5	463	QOA3	0	0	0	0	77	41.0	1889	45	43	158	0.956	0.272	0.285	5.3	23.46
2469	40.7499	116.3312	-661.2	463	QOA3	0	0	0	0	72	41.0	2109	51	83	189	1.627	0.439	0.270	5.3	23.47
2470	40.7499	116.3312	-656.8	456	QOA3	0	0	0	0	78	40.8	1966	25	135	162	5.400	0.833	0.154	5.3	23.48
2471	40.7499	116.3312	-667.3	456	QOA3	0	0	0	0	80	40.8	2058	41	90	163	2.195	0.552	0.252	5.3	23.49
2472	40.7499	116.3312	-687.0	458	QOA3	0	0	0	0	84	40.9	2117	43	90	211	2.093	0.427	0.204	5.3	23.49
2473	40.7499	116.3312	-710.8	458	QOA3	0	0	0	0	78	40.9	2178	62	44	208	0.710	0.212	0.298	5.3	23.50
2474	40.7499	116.3312	-729.3	458	QOA3	0	0	0	0	84	40.9	2273	56	93	226	1.661	0.412	0.248	5.3	23.50
2475	40.7499	116.3312	-747.6	453	QOA3	0	0	0	0	75	40.8	2407	62	135	203	2.177	0.665	0.305	5.3	23.50
2476	40.7499	116.3312	-764.1	446	QOA3	0	0	0	0	76	40.6	2296	56	115	223	2.054	0.516	0.251	5.2	23.51
2477	40.7499	116.3312	-771.7	442	QOA3	0	0	0	0	88	40.5	2387	72	49	227	0.681	0.216	0.317	5.2	23.51
2478	40.7499	116.3312	-774.7	433	QOA3	0	0	0	0	89	40.3	2350	45	168	236	3.733	0.712	0.191	5.2	23.52
2479	40.7499	116.3312	-774.5	429	QOA3	0	0	0	0	72	40.2	2423	65	104	243	1.600	0.428	0.267	5.3	23.53
2480	40.7499	116.3312	-772.8	425	QOA3	0	0	0	0	88	40.1	2324	78	47	244	0.603	0.193	0.320	5.3	23.53
2481	40.7499	116.3312	-768.3	426	QOA3	0	0	0	0	74	40.2	2319	60	140	178	2.333	0.787	0.337	5.3	23.53
2482	40.7499	116.3312	-763.0	425	QOA3	0	0	0	0	78	40.1	2504	77	70	227	0.909	0.308	0.339	5.3	23.53
2483	40.7499	116.3312	-760.6	421	QOA3	0	0	0	0	77	40.0	2392	61	145	222	2.377	0.653	0.275	5.3	23.54
2484	40.7499	116.3312	-756.9	416	QOA3	0	0	0	0	83	46.8	2372	65	135	204	2.077	0.662	0.319	5.3	23.54
2485	40.7499	116.3312	-754.9	413	QOA3	0	0	0	0	80	46.7	2478	62	85	270	1.371	0.315	0.230	5.4	23.54
2486	40.7499	116.3312	-755.7	404	QOA3	0	0	0	0	82	46.4	2363	66	114	186	1.727	0.613	0.355	5.3	23.54
2487	40.7499	116.3312	-756.6	391	QOA3	0	0	0	0	73	46.1	2429	59	188	188	3.186	1.000	0.314	5.3	23.54
2488	40.7499	116.3312	-759.9	380	QOA3	0	0	0	0	78	45.8	2474	58	96	243	1.655	0.395	0.239	5.3	23.54
2489	40.7499	116.3312	-766.4	354	QOA3	0	0	0	0	79	45.1	2351	46	125	233	2.717	0.536	0.197	5.3	23.55
2490	40.7499	116.3312	-770.2	342	QOA3	0	0	0	0	73	44.7	2531	71	128	234	1.803	0.547	0.303	5.3	23.55
2491	40.7499	116.3312	-770.8	333	QOA3	0	0	0	0	75	44.4	2372	68	137	226	2.015	0.606	0.301	5.4	23.55
2492	40.7499	116.3312	-774.8	336	QOA3	0	0	0	0	77	44.5	2498	81	102	244	1.259	0.418	0.332	5.4	23.55
2493	40.7499	116.3312	-777.2	345	QOA3	0	0	0	0	87	44.8	2566	52	126	289	2.423	0.436	0.180	5.4	23.55

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2494	40.7499	116.3312	-761.3	356	QOA3	0	0	0	0	82	45.1	2476	59	61	285	1.034	0.214	0.207	5.4	23.54
2495	40.7499	116.3312	-749.1	355	QOA3	0	0	0	0	87	45.1	2450	64	74	270	1.156	0.274	0.237	5.4	23.54
2496	40.7499	116.3312	-738.4	353	QOA3	0	0	0	0	70	45.0	2534	83	103	240	1.241	0.429	0.346	5.4	23.54
2497	40.7499	116.3312	-727.6	351	QOA3	0	0	0	0	92	45.0	2257	38	205	161	5.395	1.273	0.236	5.4	23.54
2498	40.7499	116.3312	-722.1	356	QOA3	0	0	0	0	67	45.1	2287	66	108	211	1.636	0.512	0.313	5.5	23.54
2499	40.7499	116.3313	-717.7	350	QOA3	0	0	0	0	89	44.9	2249	51	133	207	2.608	0.643	0.246	5.5	23.54
2500	40.7499	116.3313	-714.2	351	QOA3	0	0	0	0	70	45.0	2175	55	109	223	1.982	0.489	0.247	5.5	23.54
2501	40.7499	116.3313	-711.4	354	QOA3	0	0	0	0	72	45.0	2226	68	118	209	1.735	0.565	0.325	5.5	23.53
2502	40.7499	116.3313	-708.6	356	QOA3	0	0	0	0	67	45.1	2195	69	56	208	0.812	0.269	0.332	5.6	23.52
2503	40.7499	116.3313	-705.6	353	QOA3	0	0	0	0	74	55.0	2178	40	184	195	4.600	0.944	0.205	5.6	23.52
2504	40.7499	116.3313	-702.7	350	QOA3	0	0	0	0	76	54.9	2189	66	76	169	1.152	0.450	0.391	5.7	23.52
2505	40.7499	116.3313	-700.9	349	QOA3	0	0	0	0	80	54.8	2218	56	55	218	0.982	0.252	0.257	5.7	23.51
2506	40.7499	116.3313	-698.7	341	QOA3	0	0	0	0	89	54.5	2006	31	161	158	5.194	1.019	0.196	5.6	23.51
2507	40.7499	116.3313	-698.1	331	QOA3	0	0	0	0	73	54.2	1967	43	60	181	1.395	0.331	0.238	5.6	23.50
2508	40.7499	116.3313	-697.1	327	QOA3	0	0	0	0	74	54.0	1972	48	102	159	2.125	0.642	0.302	5.5	23.51
2509	40.7499	116.3313	-695.3	330	QOA3	0	0	0	0	66	54.1	2105	47	82	178	1.745	0.461	0.264	5.6	23.51
2510	40.7499	116.3313	-694.0	335	QOA3	0	0	0	0	82	54.3	2085	47	119	150	2.532	0.793	0.313	5.6	23.51
2511	40.7499	116.3313	-693.2	312	QOA3	0	0	0	0	82	53.5	2016	40	107	174	2.675	0.615	0.230	5.5	23.50
2512	40.7499	116.3313	-691.7	283	QOA3	0	0	0	0	73	52.5	1848	52	97	138	1.865	0.703	0.377	5.5	23.51
2513	40.7499	116.3313	-691.5	279	QOA3	0	0	0	0	84	52.3	1711	40	126	124	3.150	1.016	0.323	5.5	23.50
2514	40.7499	116.3313	-690.5	302	QOA3	0	0	0	0	80	53.2	1779	42	91	149	2.167	0.611	0.282	5.5	23.50
2515	40.7499	116.3313	-688.7	290	QOA3	0	0	0	0	74	52.7	1671	44	97	129	2.205	0.752	0.341	5.5	23.50
2516	40.7499	116.3313	-687.4	285	QOA3	0	0	0	0	67	52.5	1663	35	199	65	5.686	3.062	0.538	5.5	23.50
2517	40.7499	116.3313	-688.1	294	QOA3	0	0	0	0	75	52.9	1814	49	101	134	2.061	0.754	0.366	5.5	23.50
2518	40.7499	116.3313	-686.9	317	QOA3	0	0	0	0	72	53.7	1731	44	104	127	2.364	0.819	0.346	5.4	23.50
2519	40.7499	116.3313	-688.8	297	QOA3	0	0	0	0	83	53.0	1806	36	45	175	1.250	0.257	0.206	5.4	23.50
2520	40.7499	116.3313	-691.8	303	QOA3	0	0	0	0	82	53.2	1847	33	133	149	4.030	0.893	0.221	5.5	23.50
2521	40.7499	116.3313	-690.2	310	QOA3	0	0	0	0	71	53.4	1982	47	97	143	2.064	0.678	0.329	5.5	23.49
2522	40.7499	116.3313	-688.7	317	QOA3	0	0	0	0	72	51.2	1857	41	125	156	3.049	0.801	0.263	5.4	23.49
2523	40.7499	116.3313	-686.4	323	QOA3	0	0	0	0	78	51.3	1990	41	133	167	3.244	0.796	0.246	5.5	23.49
2524	40.7499	116.3313	-681.6	321	QOA3	0	0	0	0	79	51.3	2081	38	160	125	4.211	1.280	0.304	5.5	23.49
2525	40.7499	116.3313	-678.3	326	QOA3	0	0	0	0	77	51.4	2032	48	81	157	1.688	0.516	0.306	5.5	23.49
2526	40.7499	116.3313	-669.0	332	QOA3	0	0	0	0	77	51.7	2182	61	110	166	1.803	0.663	0.367	5.4	23.48
2527	40.7499	116.3313	-657.3	333	QOA3	0	0	0	0	80	51.7	2196	70	121	163	1.729	0.742	0.429	5.4	23.49
2528	40.7499	116.3313	-641.5	336	QOA3	0	0	0	0	79	51.8	2205	54	68	225	1.259	0.302	0.240	5.4	23.48
2529	40.7499	116.3313	-618.8	335	QOA3	0	0	0	0	83	51.8	2376	55	129	233	2.345	0.554	0.236	5.4	23.48
2530	40.7499	116.3313	-584.1	323	QOA3	0	0	0	0	82	51.3	2389	71	97	239	1.366	0.406	0.297	5.4	23.48
2531	40.7499	116.3313	-491.0	303	QOA3	0	0	0	0	78	50.7	2463	65	178	204	2.738	0.873	0.319	5.4	23.48
2532	40.7499	116.3313	-469.8	294	QOA3	0	0	0	0	81	50.3	2389	65	130	240	2.000	0.542	0.271	5.4	23.47
2533	40.7499	116.3313	-492.5	308	QOA3	0	0	0	0	92	50.8	2377	62	123	217	1.984	0.567	0.286	5.4	23.46
2534	40.7499	116.3313	-541.2	339	QOA3	0	0	0	0	76	51.9	2423	49	115	232	2.347	0.496	0.211	5.4	23.46
2535	40.7499	116.3313	-594.9	344	QOA3	0	0	0	0	82	52.1	2212	65	67	181	1.031	0.370	0.359	5.4	23.47
2536	40.7499	116.3313	-629.9	355	QOA3	0	0	0	0	83	52.4	2270	43	187	181	4.349	1.033	0.238	5.3	23.46
2537	40.7499	116.3313	-645.0	402	QOA3	0	0	0	0	88	54.0	2235	56	79	213	1.411	0.371	0.263	5.3	23.46
2538	40.7499	116.3313	-652.0	427	TVU	0	0	0	0	72	54.7	2323	64	105	235	1.641	0.447	0.272	5.2	23.46
2539	40.7499	116.3313	-655.2	369	TVU	0	0	0	0	81	52.9	2140	47	93	223	1.979	0.417	0.211	5.2	23.45
2540	40.7499	116.3313	-654.5	340	TVU	0	0	0	0	92	51.9	2080	43	131	155	3.047	0.845	0.277	5.1	23.45
2541	40.7499	116.3314	-649.5	337	TVU	0	0	0	0	67	53.2	2128	53	62	178	1.170	0.348	0.298	5.1	23.45
2542	40.7499	116.3314	-642.0	337	TVU	0	0	0	0	85	53.2	2167	40	83	215	2.075	0.386	0.186	5.0	23.46
2543	40.7499	116.3314	-620.8	333	TVU	0	0	0	0	79	53.0	2137	55	52	239	0.945	0.218	0.230	4.9	23.46
2544	40.7499	116.3314	-612.1	326	TVU	0	0	0	0	82	52.8	2131	52	115	153	2.212	0.752	0.340	4.9	23.45
2545	40.7499	116.3314	-611.6	322	TVU	0	0	0	0	78	52.7	2113	45	135	188	3.000	0.718	0.239	4.9	23.45
2546	40.7499	116.3314	-620.8	325	TVU	0	0	0	0	76	52.8	2111	55	167	152	3.036	1.099	0.362	4.8	23.44
2547	40.7499	116.3314	-633.3	328	TVU	0	0	0	0	73	52.9	2195	58	79	171	1.362	0.462	0.339	4.8	23.44

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2548	40.7499	116.3314	-643.3	328	TVU	0	0	0	0	74	52.9	2179	50	57	201	1.140	0.284	0.249	4.8	23.43
2549	40.7499	116.3314	-651.8	326	TVU	0	0	0	0	81	52.8	2021	54	110	112	2.037	0.982	0.482	4.7	23.43
2550	40.7499	116.3314	-660.8	333	TVU	0	0	0	0	79	53.0	2093	42	148	152	3.524	0.974	0.276	4.6	23.42
2551	40.7499	116.3314	-670.4	343	TVU	0	0	0	0	80	53.4	2171	57	105	213	1.842	0.493	0.268	4.6	23.41
2552	40.7499	116.3314	-676.9	345	TVU	0	0	0	0	74	53.5	2038	51	75	162	1.471	0.463	0.315	4.6	23.40
2553	40.7499	116.3314	-677.7	347	TVU	0	0	0	0	80	53.5	2183	68	91	160	1.338	0.569	0.425	4.6	23.40
2554	40.7499	116.3314	-675.7	347	TVU	0	0	0	0	77	53.5	2067	40	66	215	1.650	0.307	0.186	4.5	23.39
2555	40.7499	116.3314	-673.9	346	TVU	0	0	0	0	80	53.5	2163	70	75	169	1.071	0.444	0.414	4.4	23.38
2556	40.7499	116.3314	-673.2	344	TVU	0	0	0	0	70	53.4	2034	48	111	173	2.313	0.642	0.277	4.3	23.38
2557	40.7499	116.3314	-670.2	344	TVU	0	0	0	0	86	53.4	1908	51	60	212	1.176	0.283	0.241	4.3	23.38
2558	40.7499	116.3314	-673.6	351	TVU	0	0	0	0	73	53.7	2019	55	56	199	1.018	0.281	0.276	4.3	23.37
2559	40.7499	116.3314	-679.6	357	TVU	0	0	0	0	71	53.9	2092	51	52	191	1.020	0.272	0.267	4.3	23.37
2560	40.7499	116.3314	-686.5	362	TVU	0	0	0	0	88	46.1	2135	57	136	153	2.386	0.889	0.373	4.1	23.37
2561	40.7499	116.3314	-694.3	363	TVU	0	0	0	0	77	46.1	1944	28	221	120	7.893	1.842	0.233	4.0	23.37
2562	40.7499	116.3314	-698.5	367	TVU	0	0	0	0	81	46.2	1936	45	159	137	3.533	1.161	0.328	4.0	23.36
2563	40.7499	116.3314	-701.0	364	TVU	0	0	0	0	85	46.2	1988	28	101	213	3.607	0.474	0.131	4.0	23.35
2564	40.7499	116.3314	-703.8	363	TVU	0	0	0	0	77	46.1	2003	50	100	199	2.000	0.503	0.251	4.0	23.35
2565	40.7499	116.3314	-705.5	360	TVU	0	0	0	0	81	46.0	2036	44	80	194	1.818	0.412	0.227	3.9	23.35
2566	40.7499	116.3314	-700.5	361	TVU	0	0	0	0	86	46.1	2007	44	110	166	2.500	0.663	0.265	3.9	23.34
2567	40.7499	116.3314	-708.8	359	TVU	0	0	0	0	81	46.0	2022	50	87	172	1.740	0.506	0.291	3.9	23.34
2568	40.7499	116.3314	-710.3	355	TVU	0	0	0	0	79	45.9	1912	38	121	165	3.184	0.733	0.230	3.8	23.34
2569	40.7499	116.3314	-712.3	358	TVU	0	0	0	0	72	46.0	1975	29	129	180	4.448	0.717	0.161	3.8	23.34
2570	40.7499	116.3314	-715.7	365	TVU	0	0	0	0	82	46.2	1997	52	39	189	0.750	0.206	0.275	3.8	23.34
2571	40.7499	116.3314	-720.6	356	TVU	0	0	0	0	88	45.9	1953	50	76	179	1.520	0.425	0.279	3.7	23.34
2572	40.7499	116.3314	-723.3	353	TVU	0	0	0	0	82	45.8	1888	38	95	177	2.500	0.537	0.215	3.6	23.33
2573	40.7499	116.3314	-727.5	363	TVU	0	0	0	0	88	46.1	2005	42	73	173	1.738	0.422	0.243	3.5	23.33
2574	40.7499	116.3314	-731.5	369	TVU	0	0	0	0	77	46.3	2146	57	126	134	2.211	0.940	0.425	3.5	23.33
2575	40.7499	116.3314	-733.3	361	TVU	0	0	0	0	92	46.1	2182	60	138	175	2.300	0.789	0.343	3.4	23.33
2576	40.7499	116.3314	-728.0	362	TVU	0	0	0	0	80	46.1	2157	39	184	174	4.718	1.057	0.224	3.3	23.32
2577	40.7499	116.3314	-714.8	364	TVU	0	0	0	0	76	46.1	2236	56	222	143	3.964	1.552	0.392	3.3	23.32
2578	40.7499	116.3314	-696.0	366	TVU	0	0	0	0	87	46.2	2261	72	70	242	0.972	0.289	0.298	3.3	23.31
2579	40.7499	116.3314	-650.4	375	TVU	0	0	0	0	79	43.3	2327	47	185	173	3.936	1.069	0.272	3.3	23.31
2580	40.7499	116.3314	-644.3	391	TVU	0	0	0	0	87	43.7	2082	44	137	166	3.114	0.825	0.265	3.2	23.30
2581	40.7499	116.3314	-657.5	397	TVU	0	0	0	0	81	43.9	2112	33	158	179	4.788	0.883	0.184	3.2	23.31
2582	40.7499	116.3314	-677.6	382	TVU	0	0	0	0	81	43.5	1924	35	65	187	1.857	0.348	0.187	3.2	23.29
2583	40.7499	116.3314	-696.2	375	TVU	0	0	0	0	77	43.3	1817	49	142	103	2.898	1.379	0.476	3.1	23.29
2584	40.7499	116.3314	-708.3	393	TVU	0	0	0	0	85	43.8	1908	41	84	159	2.049	0.528	0.258	3.1	23.28
2585	40.7499	116.3314	-714.6	411	TVU	0	0	0	0	84	44.2	1836	29	83	182	2.862	0.456	0.159	3.0	23.28
2586	40.7499	116.3314	-721.0	393	NA	0	0	0	0	79	43.8	1790	55	107	140	1.945	0.764	0.393	3.0	23.28
2587	40.7499	116.3315	-725.2	367	NA	0	0	0	0	79	43.1	1728	45	84	123	1.826	0.683	0.374	2.9	23.28
2588	40.7499	116.3315	-726.3	352	NA	0	0	0	0	80	42.7	1791	50	59	181	1.180	0.326	0.276	2.9	23.27
2589	40.7499	116.3315	-727.3	357	NA	0	0	0	0	90	42.8	1799	50	78	139	1.560	0.561	0.360	2.8	23.27
2590	40.7499	116.3315	-728.9	375	NA	0	0	0	0	79	43.3	1569	36	52	140	1.444	0.371	0.257	2.8	23.27
2591	40.7499	116.3315	-730.6	385	NA	0	0	0	0	82	43.6	1645	38	105	106	2.763	0.991	0.358	2.8	23.27
2592	40.7499	116.3315	-737.5	392	NA	0	0	0	0	81	43.7	1735	36	51	198	1.417	0.258	0.182	2.8	23.26
2593	40.7499	116.3315	-741.7	404	NA	0	0	0	0	85	44.1	1744	33	153	142	4.636	1.077	0.232	2.8	23.26
2594	40.7499	116.3315	-743.6	407	NA	0	0	0	0	82	44.1	1737	45	98	104	2.178	0.942	0.433	2.8	23.26
2595	40.7499	116.3315	-741.0	388	NA	0	0	0	0	71	43.6	1671	42	93	161	2.214	0.578	0.261	2.8	23.26
2596	40.7499	116.3315	-738.2	371	NA	0	0	0	0	89	43.2	1695	52	61	108	1.173	0.565	0.481	2.8	23.25
2597	40.7499	116.3315	-736.0	358	NA	0	0	0	0	82	42.8	1678	50	40	131	0.800	0.305	0.382	2.8	23.24
2598	40.7499	116.3315	-735.5	362	NA	0	0	0	0	90	33.9	1671	40	105	95	2.625	1.105	0.421	2.7	23.24
2599	40.7499	116.3315	-733.9	379	NA	0	0	0	0	84	34.3	1676	40	122	115	3.050	1.061	0.348	2.6	23.24
2600	40.7499	116.3315	-736.6	416	NA	0	0	0	0	74	35.1	1800	47	142	124	3.021	1.145	0.379	2.6	23.24
2601	40.7499	116.3315	-740.8	451	NA	0	0	0	0	88	35.7	1902	71	49	156	0.690	0.314	0.455	2.6	23.24

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2602	40.7499	116.3315	-742.9	440	NA	0	0	0	0	81	35.5	2042	56	111	154	1.982	0.721	0.364	2.6	23.24
2603	40.7499	116.3315	-744.5	398	NA	0	0	0	0	83	34.7	1991	46	124	139	2.696	0.892	0.331	2.6	23.24
2604	40.7499	116.3315	-738.5	387	NA	0	0	0	0	78	34.5	1839	47	84	168	1.787	0.500	0.280	2.6	23.24
2605	40.7499	116.3315	-737.0	391	NA	0	0	0	0	73	34.5	1865	56	90	144	1.607	0.625	0.389	2.6	23.24
2606	40.7499	116.3315	-733.0	386	NA	0	0	0	0	77	34.4	2004	49	128	170	2.612	0.753	0.288	2.7	23.24
2607	40.7499	116.3315	-728.6	378	NA	0	0	0	0	80	34.3	1904	54	125	159	2.315	0.786	0.340	2.7	23.24
2608	40.7499	116.3315	-724.8	384	NA	0	0	0	0	86	34.4	1861	59	123	112	2.085	1.098	0.527	2.7	23.24
2609	40.7499	116.3315	-722.5	396	NA	0	0	0	0	78	34.6	1908	69	104	173	1.507	0.601	0.399	2.7	23.24
2610	40.7499	116.3315	-723.1	411	NA	0	0	0	0	82	35.0	2042	59	142	148	2.407	0.959	0.399	2.7	23.24
2611	40.7499	116.3315	-723.6	414	NA	0	0	0	0	87	35.0	2007	76	86	173	1.132	0.497	0.439	2.8	23.24
2612	40.7499	116.3315	-726.7	402	NA	0	0	0	0	78	34.8	1949	67	69	157	1.030	0.439	0.427	2.8	23.23
2613	40.7499	116.3315	-728.7	395	NA	0	0	0	0	79	34.6	1937	55	173	99	3.145	1.747	0.556	2.8	23.24
2614	40.7499	116.3315	-731.4	397	NA	0	0	0	0	82	34.7	1961	49	105	141	2.143	0.745	0.348	2.8	23.24
2615	40.7499	116.3315	-737.0	397	NA	0	0	0	0	85	34.7	1873	54	124	171	2.296	0.725	0.316	2.9	23.23
2616	40.7499	116.3315	-746.2	394	NA	0	0	0	0	82	34.6	2009	51	115	173	2.255	0.665	0.295	2.9	23.23
2617	40.7499	116.3315	-749.2	402	NA	0	0	0	0	89	42.6	2078	68	88	160	1.294	0.550	0.425	3.0	23.23
2618	40.7499	116.3315	-752.1	414	NA	0	0	0	0	88	42.9	2089	55	128	142	2.327	0.901	0.387	3.1	23.23
2619	40.7499	116.3315	-751.4	405	NA	0	0	0	0	72	42.7	2265	60	151	142	2.517	1.063	0.423	3.2	23.23
2620	40.7499	116.3315	-747.5	394	NA	0	0	0	0	69	42.4	2161	64	147	163	2.297	0.902	0.393	3.2	23.23
2621	40.7499	116.3315	-743.2	400	NA	0	0	0	0	83	42.5	2074	51	145	167	2.843	0.868	0.305	3.3	23.22
2622	40.7499	116.3315	-737.8	409	NA	0	0	0	0	96	42.8	2135	55	133	179	2.418	0.743	0.307	3.3	23.22
2623	40.7499	116.3315	-731.9	408	NA	0	0	0	0	72	42.7	2189	64	152	165	2.375	0.921	0.388	3.4	23.22
2624	40.7499	116.3315	-726.2	401	NA	0	0	0	0	83	42.6	2290	77	129	143	1.675	0.902	0.538	3.4	23.22
2625	40.7499	116.3315	-725.1	404	NA	0	0	0	0	83	42.6	2264	66	156	173	2.364	0.902	0.382	3.4	23.21
2626	40.7499	116.3315	-731.8	410	NA	0	0	0	0	89	42.8	2282	70	159	180	2.271	0.883	0.389	3.4	23.21
2627	40.7499	116.3315	-743.5	417	NA	0	0	0	0	78	43.0	2335	59	118	250	2.000	0.472	0.236	3.4	23.20
2628	40.7499	116.3315	-763.0	420	NA	0	0	0	0	83	43.0	2454	74	113	206	1.527	0.549	0.359	3.5	23.21
2629	40.7499	116.3315	-771.0	420	NA	0	0	0	0	88	43.0	2537	97	115	171	1.186	0.673	0.567	3.5	23.20
2630	40.7499	116.3315	-780.5	424	NA	0	0	0	0	76	43.1	2463	87	149	199	1.713	0.749	0.437	3.6	23.20
2631	40.7499	116.3315	-786.3	443	NA	0	0	0	0	78	43.6	2510	92	107	223	1.163	0.480	0.413	6.3	23.20
2632	40.7499	116.3315	-789.7	457	NA	0	0	1	0	89	43.9	2671	89	24	287	0.270	0.084	0.310	6.4	23.20
2633	40.7499	116.3316	-790.6	438	NA	0	0	0	0	86	43.5	2451	96	110	218	1.146	0.505	0.440	2.6	23.19
2634	40.7499	116.3316	-783.9	403	NA	0	0	0	0	87	42.6	2446	79	118	179	1.494	0.659	0.441	4.9	23.19
2635	40.7499	116.3316	-777.0	391	NA	0	0	0	0	78	42.3	2395	73	143	203	1.959	0.704	0.360	3.1	23.20
2636	40.7499	116.3316	-765.5	386	NA	0	0	0	0	77	40.3	2420	102	124	200	1.216	0.620	0.510	1.4	23.20
2637	40.7499	116.3316	-754.1	380	NA	0	0	0	0	80	40.1	2369	79	142	191	1.797	0.743	0.414	-0.8	23.19
2638	40.7499	116.3316	-749.3	384	NA	0	0	0	0	80	40.2	2372	75	64	233	0.853	0.275	0.322	0.3	23.19
2639	40.7499	116.3316	-747.7	394	NA	0	0	0	0	84	40.5	2318	71	169	204	2.380	0.828	0.348	-1.4	23.19
2640	40.7499	116.3316	-749.8	414	NA	0	0	0	0	81	40.9	2395	91	77	223	0.846	0.345	0.408	-0.2	23.19
2641	40.7499	116.3316	-754.3	439	NA	0	0	0	0	80	41.5	2435	92	65	226	0.707	0.288	0.407	4.4	23.19
2642	40.7499	116.3316	760.1	467	NA	0	0	1	0	73	42.1	2511	104	-12	288	-0.115	-0.042	0.361	6.4	23.19
2643	40.7499	116.3316	-765.3	472	NA	0	0	0	0	76	42.3	2511	88	150	224	1.705	0.670	0.393	2.5	23.20
2644	40.7499	116.3316	-767.8	447	NA	0	0	0	0	72	41.7	2486	67	164	204	2.448	0.804	0.328	1.9	23.20
2645	40.7499	116.3316	-766.1	444	NA	0	0	0	0	81	41.6	2435	86	163	175	1.895	0.931	0.491	2.1	23.20
2646	40.7499	116.3316	-760.0	448	NA	0	0	0	0	79	41.7	2525	90	91	193	1.011	0.472	0.466	4.3	23.20
2647	40.7499	116.3316	-749.5	447	NA	0	0	0	0	86	41.7	2356	90	62	219	0.689	0.283	0.411	0.0	23.20
2648	40.7499	116.3316	-737.1	433	NA	0	0	0	0	85	41.4	2388	85	98	235	1.153	0.417	0.362	-0.8	23.20
2649	40.7499	116.3316	-726.6	413	NA	0	0	0	0	80	40.9	2375	93	116	198	1.247	0.586	0.470	1.4	23.20
2650	40.7499	116.3316	-715.8	388	NA	0	0	0	0	80	40.3	2459	79	61	266	0.772	0.229	0.297	5.2	23.20
2651	40.7499	116.3316	-708.4	346	NA	0	0	0	0	86	39.3	2317	67	174	149	2.597	1.168	0.450	1.3	23.20
2652	40.7499	116.3316	-705.6	312	NA	0	0	1	0	76	38.4	2170	94	8	222	0.085	0.036	0.423	0.0	23.21
2653	40.7499	116.3316	-703.0	300	NA	0	0	0	0	89	38.1	2318	79	171	149	2.165	1.148	0.530	5.8	23.20
2654	40.7499	116.3316	-702.2	302	NA	0	0	0	0	88	38.1	2198	68	102	224	1.500	0.455	0.304	7.2	23.20
2655	40.7499	116.3316	-704.4	315	NA	0	0	0	0	87	38.5	2339	91	75	179	0.824	0.419	0.508	5.0	23.20

1 GEODATA INT. INC. SINGLE REC LISTING WINNEMUCCA TIE LINE 8

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2981	39.9648	116.1983	-281.2	849	NA	1	0	0	0	87	43.1	1819	45	43	143	0.956	0.301	0.315	-1.5	22.75
2982	39.9648	116.1983	-281.8	839	NA	1	0	0	0	94	42.9	1732	26	113	64	4.346	1.766	0.406	-0.2	22.77
2983	39.9648	116.1983	-282.8	846	NA	1	0	0	0	106	43.0	1718	39	34	98	0.872	0.347	0.398	2.2	22.77
2984	39.9652	116.1983	-283.0	849	NA	1	0	0	0	90	43.1	1916	38	80	178	2.105	0.449	0.213	2.0	22.78
2985	39.9656	116.1983	-285.2	823	NA	1	0	1	0	93	42.7	1788	60	24	127	0.400	0.189	0.472	0.2	22.79
2986	39.9660	116.1984	-285.3	829	NA	1	0	0	0	78	42.8	1700	53	52	76	0.981	0.684	0.697	0.4	22.80
2987	39.9663	116.1984	-287.5	833	NA	1	0	0	0	89	42.8	1905	24	121	105	5.042	1.152	0.229	2.1	22.80
2988	39.9667	116.1984	-288.2	831	NA	1	0	0	0	78	42.8	1759	32	96	95	3.000	1.011	0.337	-1.4	22.81
2989	39.9671	116.1984	-289.7	830	NA	1	0	0	0	87	42.8	1761	26	58	175	2.231	0.331	0.149	1.4	22.81
2990	39.9675	116.1984	-291.1	839	NA	1	0	1	0	87	42.9	1615	39	19	137	0.487	0.139	0.285	1.3	22.81
2992	39.9683	116.1984	-291.3	839	NA	1	0	0	0	86	42.9	1723	39	72	85	1.846	0.847	0.459	-0.8	22.81
2993	39.9687	116.1984	-291.6	822	NA	1	0	0	0	93	42.7	1706	21	54	135	2.571	0.400	0.156	0.5	22.82
2994	39.9691	116.1984	-291.6	818	NA	1	0	0	0	90	42.7	1734	31	58	134	1.871	0.433	0.231	-1.3	22.83
2995	39.9695	116.1984	-291.1	820	NA	1	0	0	0	91	42.7	1732	39	67	114	1.718	0.588	0.342	-0.4	22.83
2996	39.9699	116.1984	-290.6	815	NA	1	0	1	0	89	42.6	1711	48	-4	127	-0.083	-0.031	0.378	3.2	22.84
2997	39.9703	116.1984	-289.9	808	NA	1	0	0	0	87	42.5	1679	34	82	89	2.412	0.921	0.382	3.3	22.85
2998	39.9707	116.1984	-289.0	788	NA	1	0	0	0	82	42.2	1738	32	115	103	3.594	1.117	0.311	-1.1	22.87
3000	39.9715	116.1985	-288.0	786	NA	1	0	0	0	92	42.2	1742	22	78	88	3.545	0.886	0.250	3.8	22.89
3001	39.9719	116.1985	-288.0	770	NA	1	0	0	0	85	42.0	1798	41	70	112	1.707	0.625	0.366	1.2	22.90
3002	39.9723	116.1985	-288.0	769	NA	1	0	1	0	92	42.0	1739	35	28	133	0.800	0.211	0.263	2.0	22.91
3003	39.9726	116.1985	-288.6	755	NA	1	0	1	0	89	41.8	1828	55	7	142	0.127	0.049	0.387	1.7	22.92
3004	39.9730	116.1985	-288.4	751	NA	1	0	1	0	93	41.7	1823	44	7	126	0.159	0.056	0.349	2.5	22.93
3005	39.9734	116.1985	-288.1	743	NA	1	0	0	0	76	41.6	1735	61	84	71	1.377	1.183	0.859	1.4	22.94
3006	39.9738	116.1985	-288.7	730	NA	1	0	0	0	86	41.4	1828	32	65	128	2.031	0.508	0.250	2.9	22.95
3008	39.9746	116.1985	-290.0	720	NA	1	0	0	0	86	41.3	1736	20	81	144	4.050	0.563	0.139	-0.5	22.97
3009	39.9750	116.1985	-290.7	720	NA	1	0	0	0	77	41.3	1843	58	87	58	1.500	1.500	1.000	3.0	22.97
3010	39.9754	116.1985	-290.7	721	NA	1	0	0	0	84	41.3	1956	24	144	76	6.000	1.895	0.316	7.4	22.98
3011	39.9758	116.1985	-290.5	710	NA	1	0	0	0	87	41.1	1693	33	68	115	2.061	0.591	0.287	0.0	22.98
3012	39.9762	116.1986	-288.9	711	NA	1	0	0	0	81	41.2	1775	50	64	142	1.280	0.451	0.352	1.2	23.00
3013	39.9766	116.1986	-289.1	690	NA	0	0	0	0	86	40.8	1800	41	72	139	1.756	0.518	0.295	1.9	23.01
3014	39.9770	116.1986	-288.2	697	NA	0	0	0	0	84	40.9	1752	38	84	124	2.211	0.677	0.306	2.2	23.02
3016	39.9778	116.1986	-288.0	690	NA	0	0	0	0	93	40.8	1783	40	87	131	2.175	0.664	0.305	-0.2	23.03
3017	39.9782	116.1986	-286.2	684	NA	0	0	0	0	83	40.7	1675	21	72	133	3.429	0.541	0.158	1.4	23.03
3018	39.9785	116.1986	-285.7	682	NA	0	0	0	0	84	40.7	1796	58	79	103	1.362	0.767	0.563	3.9	23.04
3019	39.9789	116.1986	-285.5	673	NA	0	0	0	0	78	40.6	1817	73	63	73	0.863	0.863	1.000	1.3	23.05
3020	39.9793	116.1986	-284.4	676	NA	0	0	0	0	88	40.6	1778	40	66	152	1.650	0.434	0.263	2.6	23.05
3021	39.9797	116.1986	-283.9	680	NA	0	0	0	0	76	40.7	1836	38	71	160	1.868	0.444	0.238	4.0	23.06
3022	39.9801	116.1986	-282.0	688	NA	0	0	0	0	81	40.8	1836	55	46	115	0.836	0.400	0.478	2.9	23.06
3023	39.9805	116.1986	-280.7	690	NA	0	0	0	0	78	45.2	1832	36	94	91	2.611	1.033	0.396	5.5	23.06
3024	39.9809	116.1986	-279.9	698	NA	0	0	0	0	83	45.4	1738	51	65	105	1.275	0.619	0.486	-0.7	23.05
3025	39.9813	116.1987	-279.0	709	NA	1	0	0	0	80	45.6	1760	22	111	117	5.045	0.949	0.188	-0.6	23.05
3026	39.9817	116.1987	-278.1	720	NA	1	0	0	0	92	45.7	1858	49	58	81	1.184	0.716	0.605	2.9	23.05
3027	39.9821	116.1987	-276.8	721	NA	1	0	1	0	84	45.8	1906	41	24	171	0.585	0.140	0.240	1.6	23.05
3028	39.9825	116.1987	-275.6	720	NA	1	0	0	0	78	45.7	1821	39	44	149	1.128	0.295	0.262	3.6	23.05
3029	39.9829	116.1987	-273.4	707	NA	1	0	0	0	89	45.5	1804	45	50	129	1.111	0.388	0.349	1.9	23.05
3030	39.9833	116.1987	-271.9	706	NA	1	0	0	0	95	45.5	1860	24	129	98	5.375	1.316	0.245	2.9	23.07
3031	39.9837	116.1987	-271.1	704	NA	1	0	0	0	80	45.5	1817	30	124	99	4.133	1.253	0.303	3.5	23.08
3032	39.9841	116.1987	-270.6	694	NA	0	0	0	0	86	45.3	1763	27	85	101	3.148	0.842	0.267	0.6	23.08
3033	39.9845	116.1987	-269.5	706	NA	1	0	0	0	85	45.5	1805	39	93	99	2.385	0.939	0.394	5.7	23.09
3035	39.9852	116.1987	-267.3	692	NA	0	0	0	0	83	45.3	1774	41	70	116	1.707	0.603	0.353	5.3	23.10
3036	39.9856	116.1987	-265.5	691	NA	0	0	0	0	89	45.3	1846	30	95	138	3.167	0.688	0.217	5.4	23.11
3037	39.9860	116.1987	-262.6	678	NA	0	0	0	0	75	45.0	1854	42	116	106	2.762	1.094	0.396	5.5	23.11
3038	39.9864	116.1987	-261.8	678	NA	0	0	0	0	78	45.0	1758	31	45	174	1.452	0.259	0.178	5.6	23.12
3039	39.9868	116.1988	-260.8	671	NA	0	0	1	0	83	44.9	1797	75	-14	167	-0.187	-0.084	0.449	5.6	23.12

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3044	39.9888	116.1988	-336.4	374	NA	0	0	0	0	78	38.9	1630	43	72	117	1.674	0.615	0.368	5.7	23.62
3045	39.9892	116.1988	-338.1	370	NA	0	0	0	0	64	38.8	1617	47	73	118	1.553	0.619	0.398	5.8	23.62
3046	39.9896	116.1988	-339.9	367	NA	0	0	0	0	82	38.7	1558	39	49	140	1.256	0.350	0.279	5.8	23.63
3047	39.9900	116.1988	-340.8	367	NA	0	0	0	0	80	44.7	1617	39	88	83	2.256	1.060	0.470	5.8	23.63
3048	39.9904	116.1988	-340.0	366	NA	0	0	0	0	74	44.7	1677	46	83	118	1.804	0.703	0.390	5.8	23.63
3049	39.9907	116.1988	-342.3	368	NA	0	0	0	0	68	44.7	1759	41	55	159	1.341	0.346	0.258	5.9	23.63
3050	39.9911	116.1988	-343.0	367	NA	0	0	1	0	64	44.7	1789	57	-3	172	-0.053	-0.017	0.331	5.9	23.63
3052	39.9919	116.1989	-345.4	367	NA	0	0	1	0	71	44.7	1656	46	20	142	0.435	0.141	0.324	5.9	23.64
3053	39.9923	116.1989	-343.9	367	NA	0	0	0	0	71	44.7	1779	38	54	193	1.421	0.280	0.197	6.0	23.64
3055	39.9931	116.1989	-345.3	366	NA	0	0	0	0	69	44.7	1969	24	121	186	5.042	0.651	0.129	6.0	23.65
3056	39.9935	116.1989	-345.3	364	NA	0	0	0	0	72	44.6	1898	45	106	172	2.356	0.616	0.262	6.0	23.65
3057	39.9939	116.1989	-344.1	358	NA	0	0	0	0	75	44.5	1981	47	83	191	1.766	0.435	0.246	6.0	23.65
3058	39.9943	116.1989	-345.8	355	NA	0	0	0	0	69	44.4	2065	54	53	240	0.981	0.221	0.225	6.1	23.65
3060	39.9951	116.1989	-347.0	357	NA	0	0	0	0	78	44.4	1974	48	81	178	1.688	0.455	0.270	6.1	23.65
3061	39.9955	116.1989	-345.4	357	NA	0	0	0	0	70	44.4	1977	56	121	143	2.161	0.846	0.392	6.2	23.65
3062	39.9959	116.1989	-346.6	360	NA	0	0	0	0	77	44.5	1953	48	115	175	2.396	0.657	0.274	6.2	23.65
3063	39.9963	116.1989	-348.1	362	NA	0	0	0	0	74	44.6	1926	30	118	155	3.933	0.761	0.194	6.3	23.65
3065	39.9970	116.1990	-348.0	362	NA	0	0	1	0	80	44.6	1775	37	3	213	0.081	0.014	0.174	6.3	23.65
3066	39.9974	116.1990	-349.2	364	NA	0	0	0	0	75	44.6	1792	34	92	123	2.706	0.748	0.276	6.3	23.65
3068	39.9982	116.1990	-350.1	364	NA	0	0	0	0	75	44.6	1790	30	69	161	2.300	0.429	0.186	6.3	23.65
3069	39.9986	116.1990	-349.7	357	NA	0	0	0	0	72	44.4	1798	42	53	161	1.262	0.329	0.261	6.4	23.65
3070	39.9990	116.1990	-349.7	353	QA2	0	0	0	0	74	44.3	1717	41	84	144	2.049	0.583	0.285	6.5	23.65
3071	39.9994	116.1990	-350.4	348	QA2	0	0	0	0	67	41.5	1646	48	40	131	0.833	0.305	0.366	6.5	23.66
3072	39.9998	116.1990	-349.7	345	QA2	0	0	0	0	78	41.4	1627	34	49	136	1.441	0.360	0.250	6.5	23.66
3073	40.0002	116.1990	-348.4	338	QA2	0	0	0	0	80	41.2	1693	42	122	104	2.905	1.173	0.404	6.6	23.67
3074	40.0006	116.1990	-349.7	327	QA2	0	0	0	0	77	40.9	1655	34	42	144	1.235	0.292	0.236	6.6	23.67
3076	40.0014	116.1990	-347.7	298	QA2	0	0	0	0	75	40.1	1725	42	71	120	1.690	0.592	0.350	6.6	23.68
3077	40.0018	116.1990	-346.2	289	QA2	0	0	0	0	71	39.8	1728	40	70	146	1.750	0.479	0.274	6.6	23.68
3078	40.0022	116.1990	-346.0	274	QA2	0	0	0	0	79	39.4	1918	43	113	171	2.628	0.661	0.251	6.7	23.68
3079	40.0026	116.1991	-344.3	273	QA2	0	0	0	0	76	39.4	1864	37	111	156	3.000	0.712	0.237	6.6	23.68
3081	40.0033	116.1991	-342.7	273	QOA3	0	0	0	0	77	39.4	1837	44	87	180	1.977	0.483	0.244	6.6	23.68
3082	40.0037	116.1991	-343.8	283	QOA3	0	0	0	0	75	39.7	1902	51	99	148	1.941	0.669	0.345	6.6	23.67
3084	40.0045	116.1991	-345.0	310	QOA3	0	0	0	0	81	40.4	1919	39	131	182	3.359	0.720	0.214	6.6	23.67
3085	40.0049	116.1991	-340.8	310	QOA3	0	0	0	0	72	40.5	2017	55	148	163	2.691	0.908	0.337	6.6	23.66
3086	40.0053	116.1991	-341.7	311	QOA3	0	0	0	0	82	40.5	1969	48	158	148	3.292	1.068	0.324	6.6	23.66
3087	40.0057	116.1991	-339.7	312	QOA3	0	0	0	0	69	40.5	1957	44	117	162	2.659	0.722	0.272	6.6	23.66
3088	40.0061	116.1991	-337.2	309	QOA3	0	0	0	0	73	40.4	1911	56	105	154	1.875	0.682	0.364	6.7	23.66
3089	40.0065	116.1991	-336.9	305	QOA3	0	0	0	0	72	40.3	1874	47	133	143	2.830	0.930	0.329	6.7	23.66
3090	40.0069	116.1991	-336.9	302	QOA3	0	0	0	0	70	40.2	1917	29	165	148	5.690	1.115	0.196	6.7	23.66
3092	40.0077	116.1992	-336.1	301	QOA3	0	0	0	0	84	40.2	1817	33	61	190	1.848	0.321	0.174	6.7	23.65
3093	40.0081	116.1992	-338.3	305	QOA3	0	0	1	0	80	40.3	1809	52	9	187	0.173	0.048	0.278	6.7	23.65
3094	40.0085	116.1992	-337.4	314	QOA3	0	0	0	0	72	36.4	1878	40	140	141	3.500	0.993	0.284	6.8	23.64
3095	40.0088	116.1992	-335.1	322	QOA3	0	0	0	0	76	36.6	1910	44	122	171	2.773	0.713	0.257	6.8	23.63
3096	40.0092	116.1992	-334.0	328	QOA3	0	0	0	0	80	36.8	1919	59	93	165	1.576	0.564	0.358	6.9	23.63
3097	40.0096	116.1992	-334.1	334	QOA3	0	0	0	0	68	36.9	1885	52	115	140	2.212	0.821	0.371	6.9	23.62
3098	40.0100	116.1992	-335.3	344	QOA3	0	0	0	0	78	37.1	1847	50	97	174	1.940	0.557	0.287	6.9	23.62
3100	40.0108	116.1992	-334.7	342	QTSU	0	0	0	0	72	37.1	1865	37	141	164	3.811	0.860	0.226	6.9	23.62
3101	40.0112	116.1992	-334.0	338	QTSU	0	0	0	0	82	37.0	1821	43	79	135	1.837	0.585	0.319	6.9	23.63
3102	40.0116	116.1992	-333.7	339	QTSU	0	0	0	0	72	37.0	1722	61	81	105	1.328	0.771	0.581	6.9	23.62
3103	40.0120	116.1992	-335.4	336	QTSU	0	0	0	0	85	36.9	1802	39	128	152	3.282	0.842	0.257	6.9	23.62
3104	40.0124	116.1992	-334.2	331	QTSU	0	0	0	0	87	36.8	1789	47	150	111	3.191	1.351	0.423	6.9	23.63
3105	40.0128	116.1992	-334.4	330	QTSU	0	0	0	0	80	36.8	1830	40	89	165	2.225	0.539	0.242	7.0	23.63
3106	40.0132	116.1993	-332.7	324	QTSU	0	0	0	0	65	36.7	2006	41	101	206	2.463	0.490	0.199	7.0	23.63
3108	40.0140	116.1993	-331.9	320	QTSU	0	0	0	0	80	36.6	1846	47	181	120	3.851	1.508	0.392	7.0	23.64

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3109	40.0144	116.1993	-334.1	322	QTSU	0	0	0	0	75	36.6	1926	48	116	144	2.417	0.806	0.333	7.1	23.64
3110	40.0148	116.1993	-334.3	321	QTSU	0	0	0	0	75	36.6	1877	42	147	166	3.500	0.886	0.253	7.1	23.64
3111	40.0151	116.1993	-333.0	326	QTSU	0	0	0	0	75	36.7	1926	59	124	190	2.102	0.653	0.311	7.1	23.64
3112	40.0155	116.1993	-332.7	330	QTSU	0	0	0	0	73	36.8	2000	39	111	218	2.846	0.509	0.179	7.1	23.64
3113	40.0159	116.1993	-335.7	326	QTSU	0	0	0	0	82	36.7	1986	44	100	194	2.273	0.515	0.227	7.2	23.64
3114	40.0163	116.1993	-336.2	322	QTSU	0	0	0	0	71	36.6	1997	69	60	189	0.870	0.317	0.365	7.2	23.64
3115	40.0167	116.1993	-335.6	330	QTSU	0	0	0	0	81	34.5	1923	47	68	194	1.447	0.351	0.242	7.2	23.64
3116	40.0171	116.1993	-333.8	330	QTSU	0	0	0	0	77	34.5	1990	39	142	173	3.641	0.821	0.225	7.2	23.63
3117	40.0175	116.1993	-335.5	330	QTSU	0	0	0	0	79	34.5	1876	35	119	175	3.400	0.680	0.200	7.2	23.63
3119	40.0183	116.1994	-337.4	332	QTSU	0	0	0	0	68	34.5	2065	63	150	113	2.381	1.327	0.558	7.2	23.63
3120	40.0187	116.1994	-337.1	336	QTSU	0	0	0	0	74	34.6	2002	54	141	173	2.611	0.815	0.312	7.2	23.62
3122	40.0195	116.1994	-335.2	345	QTSU	0	0	0	0	71	34.8	2076	40	170	179	4.250	0.950	0.223	7.2	23.62
3123	40.0199	116.1994	-338.7	346	QTSU	0	0	0	0	75	34.8	2076	60	104	177	1.733	0.588	0.339	7.2	23.61
3124	40.0203	116.1994	-338.8	355	QTSU	0	0	0	0	67	35.1	2089	52	71	197	1.365	0.360	0.264	7.2	23.61
3125	40.0207	116.1994	-331.2	360	QTSU	0	0	0	0	63	35.2	2183	46	130	216	2.826	0.602	0.213	7.2	23.61
3126	40.0210	116.1994	-342.1	365	QTSU	0	0	0	0	80	35.3	2222	54	83	196	1.537	0.423	0.276	7.2	23.60
3127	40.0214	116.1994	-341.3	368	QTSU	0	0	0	0	73	35.3	2125	50	87	179	1.740	0.486	0.279	7.2	23.60
3128	40.0218	116.1994	-342.5	370	QTSU	0	0	0	0	78	35.4	1995	43	117	166	2.721	0.705	0.259	7.2	23.60
3130	40.0226	116.1994	-341.9	374	QTSU	0	0	0	0	77	35.5	1956	48	96	183	2.000	0.525	0.262	7.1	23.60
3131	40.0230	116.1994	-340.4	372	QTSU	0	0	0	0	78	35.4	2051	53	60	177	1.132	0.339	0.299	7.1	23.61
3132	40.0234	116.1995	-341.6	373	QTSU	0	0	0	0	73	35.4	2006	52	103	181	1.981	0.569	0.287	7.1	23.61
3133	40.0238	116.1995	-336.4	369	QTSU	0	0	0	0	69	35.4	1908	47	132	153	2.809	0.863	0.307	7.1	23.61
3134	40.0242	116.1995	-334.2	361	QTSU	0	0	0	0	74	35.2	1853	52	109	158	2.096	0.690	0.329	7.1	23.61
3135	40.0246	116.1995	-334.1	362	QTSU	0	0	0	0	78	35.2	1899	40	178	147	4.450	1.211	0.272	7.1	23.61
3136	40.0250	116.1995	-335.1	359	QTSU	0	0	0	0	73	35.2	2049	34	100	226	2.941	0.442	0.150	7.1	23.61
3137	40.0254	116.1995	-335.6	352	QTSU	0	0	0	0	73	44.5	2035	56	121	178	2.161	0.680	0.315	7.1	23.61
3138	40.0258	116.1995	-334.4	347	QTSU	0	0	0	0	67	44.3	2039	42	194	152	4.619	1.276	0.276	7.1	23.61
3139	40.0262	116.1995	-336.2	341	QTSU	0	0	0	0	84	44.2	2041	43	152	202	3.535	0.752	0.213	7.2	23.62
3140	40.0266	116.1995	-335.9	337	QTSU	0	0	0	0	83	44.1	1968	53	114	153	2.151	0.745	0.346	7.2	23.63
3141	40.0270	116.1995	-335.4	332	QTSU	0	0	0	0	80	43.9	2023	64	97	155	1.516	0.626	0.413	7.3	23.63
3142	40.0273	116.1995	-335.5	321	QTSU	0	0	0	0	79	43.6	1988	68	43	177	0.632	0.243	0.384	7.3	23.64
3143	40.0277	116.1995	-334.0	316	QTSU	0	0	0	0	82	43.4	2004	56	90	169	1.607	0.533	0.331	7.3	23.64
3144	40.0281	116.1995	-333.9	318	QTSU	0	0	0	0	80	43.5	1939	55	67	184	1.218	0.364	0.299	7.3	23.64
3145	40.0285	116.1995	-333.3	323	QTSU	0	0	0	0	75	43.6	1999	69	51	206	0.739	0.248	0.335	7.4	23.64
3146	40.0289	116.1996	-332.6	320	QTSU	0	0	0	0	72	43.6	1824	52	130	139	2.500	0.935	0.374	7.5	23.64
3147	40.0293	116.1996	-332.1	321	QTSU	0	0	0	0	78	43.6	1814	40	112	119	2.800	0.941	0.336	7.5	23.64
3148	40.0297	116.1996	-331.5	329	QTSU	0	0	0	0	75	43.8	1853	51	126	154	2.471	0.818	0.331	7.5	23.65
3149	40.0301	116.1996	-328.6	331	QTSU	0	0	0	0	67	43.9	1956	54	74	183	1.370	0.404	0.295	7.6	23.65
3150	40.0305	116.1996	-329.0	316	QTSU	0	0	0	0	83	43.4	1781	44	119	162	2.705	0.735	0.272	7.6	23.66
3151	40.0309	116.1996	-328.0	306	QTSU	0	0	0	0	70	43.1	1857	45	115	171	2.556	0.673	0.263	7.6	23.66
3152	40.0313	116.1996	-326.2	309	QTSU	0	0	0	0	80	43.2	1745	37	120	174	3.243	0.690	0.213	7.6	23.66
3153	40.0317	116.1996	-325.0	308	QTSU	0	0	0	0	78	43.2	1854	52	69	192	1.327	0.359	0.271	7.7	23.66
3154	40.0321	116.1996	-324.2	306	QTSU	0	0	0	0	76	43.1	1833	55	110	165	2.000	0.667	0.333	7.7	23.66
3155	40.0325	116.1996	-323.2	300	QTSU	0	0	0	0	78	43.0	1878	49	119	137	2.429	0.869	0.358	7.8	23.66
3156	40.0329	116.1996	-322.7	300	QTSU	0	0	0	0	69	43.5	1960	46	103	198	2.239	0.520	0.232	7.9	23.66
3157	40.0332	116.1996	-320.1	300	QTSU	0	0	0	0	80	43.5	1935	47	143	144	3.043	0.993	0.326	7.9	23.66
3158	40.0336	116.1996	-321.1	301	QTSU	0	0	0	0	78	43.5	1971	49	101	176	2.061	0.574	0.278	7.9	23.66
3160	40.0344	116.1997	-317.5	303	QQA3	0	0	0	0	72	43.6	1968	56	97	178	1.732	0.545	0.315	8.0	23.66
3161	40.0348	116.1997	-318.0	303	QQA3	0	0	0	0	69	43.6	1894	33	192	149	5.818	1.289	0.221	8.0	23.66
3162	40.0352	116.1997	-316.2	302	QQA3	0	0	0	0	77	43.5	2011	43	132	132	3.070	1.000	0.326	8.0	23.66
3163	40.0356	116.1997	-314.7	301	QQA3	0	0	0	0	79	43.5	1812	50	71	149	1.420	0.477	0.336	8.0	23.67
3164	40.0360	116.1997	-316.1	304	QQA3	0	0	0	0	81	43.6	1844	27	223	135	8.259	1.652	0.200	8.1	23.67
3165	40.0364	116.1997	-314.6	306	QQA3	0	0	0	0	80	43.7	1894	40	122	152	3.050	0.803	0.263	8.1	23.67
3166	40.0368	116.1997	-313.1	303	QQA3	0	0	0	0	80	43.6	1731	37	104	134	2.811	0.776	0.276	8.2	23.67

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3167	40.0372	116.1997	-314.3	301	QOA3	0	0	0	0	68	43.5	1798	34	141	141	4.147	1.000	0.241	8.2	23.67
3168	40.0376	116.1997	-312.2	305	QOA3	0	0	0	0	70	43.6	1851	38	160	152	4.211	1.053	0.250	8.2	23.68
3169	40.0380	116.1997	-312.4	310	QOA3	0	0	0	0	67	43.8	1904	40	132	164	3.300	0.805	0.244	8.2	23.68
3170	40.0384	116.1997	-311.1	310	QTSU	0	0	0	0	77	43.8	1856	37	123	172	3.324	0.715	0.215	8.3	23.68
3171	40.0388	116.1997	-307.9	300	QTSU	0	0	0	0	74	43.5	1842	40	135	165	3.375	0.818	0.242	8.3	23.68
3172	40.0391	116.1997	-306.4	292	QTSU	0	0	0	0	76	43.2	1893	37	162	117	4.378	1.385	0.316	8.4	23.68
3173	40.0395	116.1998	-306.7	281	QTSU	0	0	0	0	80	42.9	1888	38	115	128	3.026	0.898	0.297	8.4	23.68
3174	40.0399	116.1998	-305.9	286	QTSU	0	0	0	0	82	43.1	1787	28	156	113	5.571	1.381	0.248	8.4	23.68
3175	40.0403	116.1998	-307.1	285	QTSU	0	0	0	0	62	43.0	1802	31	127	147	4.097	0.864	0.211	8.4	23.69
3176	40.0407	116.1998	-306.4	283	QTSU	0	0	0	0	80	35.7	1744	38	138	140	3.632	0.986	0.271	8.4	23.68
3177	40.0411	116.1998	-304.4	276	QTSU	0	0	0	0	86	35.5	1870	38	154	102	4.053	1.510	0.373	8.5	23.69
3178	40.0415	116.1998	-306.9	269	QOA3	0	0	0	0	68	35.3	1859	55	129	125	2.345	1.032	0.440	8.4	23.69
3179	40.0419	116.1998	-308.4	269	QOA3	0	0	0	0	85	35.3	1853	40	161	145	4.025	1.110	0.276	8.4	23.69
3180	40.0423	116.1998	-307.3	274	QOA3	0	0	0	0	77	35.5	1790	46	155	122	3.370	1.270	0.377	8.4	23.69
3181	40.0427	116.1998	-307.0	275	QOA3	0	0	0	0	78	35.5	1734	35	124	131	3.543	0.947	0.267	8.5	23.69
3182	40.0431	116.1998	-305.7	276	QOA3	0	0	0	0	88	35.5	1830	30	208	117	6.933	1.778	0.256	8.5	23.68
3183	40.0435	116.1998	-305.4	281	QOA3	0	0	0	0	70	35.6	1819	37	152	139	4.108	1.094	0.266	8.6	23.68
3184	40.0439	116.1998	-305.6	287	QOA3	0	0	0	0	79	35.8	1776	35	135	143	3.857	0.944	0.245	8.6	23.68
3185	40.0443	116.1998	-307.0	295	QOA3	0	0	0	0	79	36.0	1883	42	176	118	4.190	1.492	0.356	8.7	23.68
3186	40.0447	116.1999	-308.9	296	QOA3	0	0	0	0	71	36.0	1867	41	122	143	2.976	0.853	0.287	8.7	23.68
3187	40.0451	116.1999	-307.9	293	QOA3	0	0	0	0	68	36.0	1768	38	168	156	4.421	1.077	0.244	8.7	23.68
3188	40.0454	116.1999	-310.4	296	QOA3	0	0	0	0	72	36.0	1794	37	171	120	4.622	1.425	0.308	8.8	23.68
3189	40.0458	116.1999	-310.4	292	QOA3	0	0	0	0	78	35.9	1916	60	125	137	2.083	0.912	0.438	8.8	23.68
3190	40.0462	116.1999	-310.3	294	QOA3	0	0	0	0	74	36.0	1807	31	169	126	5.452	1.341	0.246	8.8	23.68
3191	40.0466	116.1999	-310.2	302	QOA3	0	0	0	0	68	36.2	1766	46	107	169	2.326	0.633	0.272	8.8	23.67
3192	40.0470	116.1999	-310.4	305	QOA3	0	0	0	0	84	36.3	1735	45	96	128	2.133	0.750	0.352	8.8	23.67
3193	40.0474	116.1999	-311.9	302	QOA3	0	0	0	0	75	36.2	1794	38	162	99	4.263	1.636	0.384	8.8	23.67
3194	40.0478	116.1999	-309.6	299	QOA3	0	0	0	0	74	36.1	1862	46	130	135	2.826	0.963	0.341	8.8	23.67
3195	40.0482	116.1999	-310.8	301	QOA3	0	0	0	0	69	35.4	1889	52	143	148	2.750	0.966	0.351	8.7	23.67
3196	40.0486	116.1999	-308.8	301	QOA3	0	0	1	0	80	35.3	2009	60	28	207	0.467	0.135	0.290	8.7	23.67
3197	40.0490	116.1999	-309.0	302	QOA3	0	0	0	0	78	35.4	2081	44	169	169	3.841	1.000	0.260	8.7	23.67
3198	40.0494	116.1999	-309.2	301	QOA3	0	0	0	0	80	35.3	2144	61	45	239	0.738	0.188	0.255	8.7	23.67
3199	40.0498	116.1999	-309.9	302	QOA3	0	0	0	0	68	35.4	2105	55	187	190	3.400	0.984	0.289	8.6	23.67
3200	40.0502	116.2000	-308.6	311	QOA3	0	0	0	0	76	35.6	2136	45	115	205	2.556	0.561	0.220	8.7	23.66
3201	40.0506	116.2000	-307.2	318	QOA3	0	0	0	0	78	35.8	2190	44	170	201	3.864	0.846	0.219	8.7	23.65
3202	40.0510	116.2000	-305.9	323	QOA3	0	0	0	0	70	35.9	2153	53	151	176	2.849	0.858	0.301	8.7	23.65
3203	40.0515	116.1999	-307.0	326	QOA3	0	0	0	0	77	35.9	2276	58	125	156	2.155	0.801	0.372	8.7	23.65
3204	40.0521	116.1999	-305.7	328	QOA3	0	0	0	0	81	36.0	2217	50	91	200	1.820	0.455	0.250	8.7	23.65
3205	40.0527	116.1999	-308.1	329	QOA3	0	0	0	0	78	36.0	2294	49	164	187	3.347	0.877	0.262	8.7	23.65
3206	40.0532	116.1998	-306.4	331	QOA3	0	0	0	0	72	36.1	2294	60	104	184	1.733	0.565	0.326	8.6	23.65
3207	40.0538	116.1998	-305.2	331	QOA3	0	0	0	0	73	36.1	2189	58	96	221	1.655	0.434	0.262	8.5	23.65
3208	40.0543	116.1998	-305.0	335	QOA3	0	0	0	0	83	36.2	2236	62	115	165	1.855	0.697	0.376	8.6	23.65
3209	40.0549	116.1998	-303.3	338	QOA3	0	0	0	0	71	36.2	2209	52	196	160	3.769	1.225	0.325	8.6	23.65
3210	40.0555	116.1997	-302.8	342	QOA3	0	0	0	0	77	36.3	2190	65	97	176	1.492	0.551	0.369	8.5	23.65
3211	40.0560	116.1997	-302.4	339	QOA3	0	0	0	0	83	36.3	2153	71	58	193	0.817	0.301	0.368	8.4	23.65
3212	40.0566	116.1997	-304.2	344	QOA3	0	0	0	0	73	36.4	2053	59	110	180	1.864	0.611	0.328	8.4	23.65
3213	40.0572	116.1996	-304.2	346	QOA3	0	0	0	0	87	36.4	2123	44	165	147	3.750	1.122	0.299	8.4	23.64
3214	40.0577	116.1996	-303.7	355	QOA3	0	0	0	0	75	32.7	2092	48	136	171	2.833	0.795	0.281	8.5	23.64
3215	40.0583	116.1996	-304.3	358	QOA3	0	0	0	0	68	32.8	2064	48	140	138	2.917	1.014	0.348	8.4	23.64
3216	40.0589	116.1995	-303.8	360	QOA3	0	0	0	0	74	32.8	2133	67	88	162	1.313	0.543	0.414	8.4	23.64
3217	40.0594	116.1995	-305.6	360	QOA3	0	0	0	0	85	32.8	2099	32	143	184	4.469	0.777	0.174	8.3	23.64
3218	40.0600	116.1995	-303.7	361	QTSU	0	0	0	0	65	32.8	2132	58	91	224	1.569	0.406	0.259	8.3	23.64
3219	40.0606	116.1994	-304.8	360	QTSU	0	0	0	0	73	32.8	2020	61	87	171	1.426	0.509	0.357	8.3	23.64
3220	40.0611	116.1994	-302.3	365	QTSU	0	0	0	0	79	32.9	2042	45	187	107	4.156	1.748	0.421	8.3	23.64

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3221	40.0617	116.1994	-302.9	365	QTSU	0	0	0	0	76	32.9	2120	68	120	159	1.765	0.755	0.428	8.3	23.64
3222	40.0623	116.1993	-303.2	366	QTSU	0	0	0	0	73	32.9	2040	40	163	141	4.075	1.156	0.284	8.3	23.64
3223	40.0628	116.1993	-302.7	368	QTSU	0	0	0	0	75	33.0	2134	53	97	201	1.830	0.483	0.264	8.3	23.64
3224	40.0634	116.1993	-302.0	368	QTSU	0	0	0	0	75	33.0	2035	48	153	156	3.188	0.981	0.308	8.2	23.63
3225	40.0639	116.1992	-303.6	372	QTSU	0	0	0	0	76	33.1	2082	43	197	143	4.581	1.378	0.301	8.3	23.63
3226	40.0645	116.1992	-301.8	380	QTSU	0	0	0	0	77	33.2	2133	60	138	141	2.300	0.979	0.426	8.3	23.63
3227	40.0651	116.1992	-301.4	382	QTSU	0	0	0	0	83	33.3	1995	44	193	107	4.386	1.804	0.411	8.3	23.62
3228	40.0656	116.1991	-303.7	383	QTSU	0	0	0	0	69	33.3	2123	71	93	158	1.310	0.589	0.449	8.3	23.62
3229	40.0662	116.1991	-303.3	383	QTSU	0	0	0	0	77	33.3	2060	57	105	135	1.842	0.778	0.422	8.3	23.62
3230	40.0668	116.1991	-301.8	382	QTSU	0	0	0	0	77	33.3	2058	41	168	131	4.098	1.282	0.313	8.4	23.62
3231	40.0673	116.1990	-301.4	381	QTSU	0	0	0	0	76	33.2	2053	47	92	187	1.957	0.492	0.251	8.4	23.62
3232	40.0679	116.1990	-303.0	380	QTSU	0	0	0	0	70	33.2	1997	54	161	108	2.981	1.491	0.500	8.4	23.63
3233	40.0685	116.1990	-302.3	381	QTSU	0	0	0	0	81	41.1	2033	78	56	147	0.718	0.381	0.531	8.3	23.63
3234	40.0690	116.1990	-304.3	385	QTSU	0	0	0	0	77	41.2	2001	27	169	174	6.259	0.971	0.155	8.3	23.63
3235	40.0696	116.1989	-304.9	389	QTSU	0	0	0	0	80	41.3	2019	62	57	139	0.919	0.410	0.446	8.3	23.63
3236	40.0702	116.1989	-305.3	400	QTSU	0	0	0	0	82	41.5	1951	34	129	152	3.794	0.849	0.224	8.3	23.62
3237	40.0707	116.1989	-305.4	406	QTSU	0	0	0	0	75	41.7	2026	33	103	162	3.121	0.636	0.204	8.2	23.62
3238	40.0713	116.1988	-306.4	415	QTSU	0	0	0	0	70	41.9	2078	48	130	128	2.708	1.016	0.375	8.3	23.62
3239	40.0719	116.1988	-306.4	422	QTSU	0	0	0	0	77	42.1	2019	31	157	136	5.065	1.154	0.228	8.2	23.62
3240	40.0724	116.1988	-308.1	435	QTSU	0	0	0	0	76	42.4	1996	34	92	176	2.706	0.523	0.193	8.2	23.61
3241	40.0730	116.1987	-307.0	449	QTSU	0	0	0	0	80	42.7	2026	41	135	137	3.293	0.985	0.299	8.3	23.61
3242	40.0735	116.1987	-308.3	461	QTSU	0	0	0	0	79	43.0	1925	45	122	164	2.711	0.744	0.274	8.3	23.60
3243	40.0741	116.1987	-308.5	470	QTSU	0	0	0	0	71	43.2	2103	59	92	153	1.559	0.601	0.386	8.3	23.59
3244	40.0747	116.1986	-308.5	478	QTSU	0	0	0	0	83	43.4	1931	26	202	105	7.769	1.924	0.248	8.3	23.59
3245	40.0752	116.1986	-307.8	484	QTSU	0	0	0	0	67	43.5	1965	52	159	164	3.058	0.970	0.317	8.4	23.59
3246	40.0758	116.1986	-305.8	483	QTSU	0	0	0	0	69	43.5	2090	47	105	174	2.234	0.603	0.270	8.5	23.59
3247	40.0764	116.1985	-303.4	480	QTSU	0	0	0	0	77	43.4	2123	28	162	165	5.786	0.982	0.170	8.5	23.59
3248	40.0769	116.1985	-302.3	471	QTSU	0	0	0	0	71	43.2	2011	43	89	191	2.070	0.466	0.225	8.5	23.59
3249	40.0775	116.1985	-300.2	466	QTSU	0	0	0	0	80	43.1	2103	41	166	133	4.049	1.248	0.308	8.5	23.59
3250	40.0781	116.1984	-300.3	464	QTSU	0	0	0	0	76	43.0	1955	28	135	167	4.821	0.808	0.168	8.6	23.60
3251	40.0786	116.1984	-302.1	464	QTSU	0	0	0	0	79	43.1	2082	36	134	171	3.722	0.784	0.211	8.6	23.60
3252	40.0792	116.1984	-303.4	460	QTSU	0	0	0	0	88	34.0	1913	49	123	123	2.510	1.000	0.398	8.6	23.61
3253	40.0798	116.1983	-304.4	448	QTSU	0	0	0	0	69	33.8	2016	44	112	150	2.545	0.747	0.293	8.6	23.61
3254	40.0803	116.1983	-309.8	437	QTSU	0	0	0	0	83	33.6	1899	33	132	151	4.000	0.874	0.219	8.5	23.61
3255	40.0809	116.1983	-311.1	436	QTSU	0	0	0	0	82	33.5	1880	43	91	191	2.116	0.476	0.225	8.5	23.61
3256	40.0815	116.1982	-315.1	442	QTSU	0	0	0	0	82	33.6	1861	36	78	165	2.167	0.473	0.218	8.5	23.62
3257	40.0820	116.1982	-316.1	452	QTSU	0	0	0	0	70	33.8	1833	48	142	108	2.958	1.315	0.444	8.6	23.61
3258	40.0826	116.1982	-318.4	459	QTSU	0	0	0	0	68	34.0	2094	39	139	148	3.564	0.939	0.264	8.7	23.61
3259	40.0831	116.1982	-319.4	461	QTSU	0	0	0	0	74	34.0	2063	54	97	141	1.796	0.688	0.383	8.6	23.61
3260	40.0837	116.1981	-320.0	462	QTSU	0	0	0	0	76	34.0	1958	51	141	152	2.765	0.928	0.336	8.5	23.62
3261	40.0843	116.1981	-322.0	466	QTSU	0	0	0	0	86	34.1	1873	58	95	140	1.638	0.679	0.414	8.6	23.62
3262	40.0848	116.1981	-321.8	471	QTSU	0	0	0	0	75	34.2	2020	42	172	158	4.095	1.089	0.266	8.7	23.62
3263	40.0854	116.1980	-321.9	472	QTSU	0	0	0	0	72	34.2	2052	53	111	143	2.094	0.776	0.371	8.7	23.61
3264	40.0860	116.1980	-320.9	470	QTSU	0	0	0	0	66	34.2	2109	29	183	156	6.310	1.173	0.186	8.7	23.62
3265	40.0865	116.1980	-320.3	467	QTSU	0	0	0	0	77	34.1	2000	39	149	170	3.821	0.876	0.229	8.7	23.62
3266	40.0871	116.1979	-319.9	464	QTSU	0	0	0	0	73	34.1	1971	43	165	195	3.837	0.846	0.221	8.7	23.62
3267	40.0877	116.1979	-319.0	457	QTSU	0	0	0	0	76	33.9	2027	51	207	65	4.059	3.135	0.785	8.7	23.62
3268	40.0882	116.1979	-320.1	450	QTSU	0	0	0	0	77	33.8	1950	40	101	150	2.525	0.673	0.267	8.7	23.62
3269	40.0888	116.1978	-320.2	449	QTSU	0	0	0	0	72	33.8	2001	40	149	147	3.725	1.014	0.272	8.7	23.62
3270	40.0894	116.1978	-319.8	447	QTSU	0	0	0	0	66	33.7	1953	36	123	158	3.417	0.778	0.228	8.6	23.62
3271	40.0899	116.1978	-320.0	455	QTSU	0	0	0	0	82	38.1	1972	56	48	179	0.857	0.268	0.313	8.6	23.62
3272	40.0905	116.1977	-319.6	458	QTSU	0	0	0	0	64	38.1	2054	40	130	146	3.250	0.890	0.274	8.6	23.62
3273	40.0911	116.1977	-319.7	457	QTSU	0	0	0	0	70	38.1	2011	33	121	157	3.667	0.771	0.210	8.5	23.61
3274	40.0916	116.1977	-320.7	455	QTSU	0	0	0	0	74	38.1	1981	34	111	176	3.265	0.631	0.193	8.5	23.61

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3275	40.0922	116.1976	-321.8	455	QTSU	0	0	0	0	84	38.1	2037	47	135	133	2.872	1.015	0.353	8.6	23.61
3276	40.0928	116.1976	-319.4	458	QTSU	0	0	0	0	76	38.1	1997	30	133	137	4.433	0.971	0.219	8.5	23.61
3277	40.0933	116.1976	-320.5	452	QTSU	0	0	0	0	76	38.0	2015	42	84	152	2.000	0.553	0.276	8.4	23.62
3278	40.0939	116.1975	-320.6	448	QTSU	0	0	0	0	75	37.9	1832	27	116	182	4.296	0.637	0.148	8.4	23.62
3279	40.0944	116.1975	-320.9	446	QTSU	0	0	0	0	74	37.9	2024	51	137	129	2.686	1.062	0.395	8.4	23.62
3280	40.0950	116.1975	-321.7	449	QTSU	0	0	0	0	71	37.9	1926	38	147	142	3.868	1.035	0.268	8.4	23.62
3281	40.0956	116.1975	-322.1	441	QTSU	0	0	0	0	75	37.8	1878	40	90	180	2.250	0.500	0.222	8.2	23.63
3282	40.0961	116.1974	-321.2	434	QTSU	0	0	0	0	84	37.6	1857	46	107	128	2.326	0.836	0.359	8.2	23.63
3283	40.0967	116.1974	-322.6	425	QTSU	0	0	0	0	58	37.4	1856	42	136	114	3.238	1.193	0.368	8.3	23.64
3284	40.0973	116.1974	-322.2	422	QTSU	0	0	0	0	74	37.4	1977	46	104	124	2.261	0.839	0.371	8.2	23.64
3285	40.0977	116.1974	-322.7	419	QTSU	0	0	0	0	76	37.3	1826	37	93	158	2.514	0.589	0.234	8.2	23.65
3286	40.0981	116.1974	-324.2	416	QTSU	0	0	0	0	82	37.3	1963	43	149	98	3.465	1.520	0.439	8.2	23.65
3287	40.0985	116.1974	-322.9	415	QTSU	0	0	0	0	80	37.2	1995	38	76	180	2.000	0.422	0.211	8.2	23.65
3288	40.0989	116.1974	-324.1	420	QTSU	0	0	0	0	76	37.3	1903	45	87	154	1.933	0.565	0.292	8.2	23.65
3289	40.0993	116.1974	-323.1	420	QTSU	0	0	0	0	80	37.3	1977	41	82	212	2.000	0.387	0.193	8.2	23.66
3290	40.0997	116.1974	-323.8	422	QTSU	0	0	0	0	79	31.9	2001	52	97	155	1.865	0.626	0.335	8.3	23.66
3291	40.1001	116.1974	-324.5	424	QTSU	0	0	0	0	74	31.9	1939	65	108	162	1.662	0.667	0.401	8.2	23.66
3292	40.1005	116.1974	-322.2	420	QTSU	0	0	0	0	84	31.9	2093	39	106	168	2.718	0.631	0.232	8.2	23.67
3293	40.1009	116.1974	-324.5	415	QTSU	0	0	0	0	77	31.8	2013	32	179	167	5.594	1.072	0.192	8.2	23.67
3294	40.1013	116.1974	-324.5	413	QTSU	0	0	0	0	77	31.7	2000	42	169	169	4.024	1.000	0.249	8.2	23.67
3295	40.1017	116.1974	-323.4	414	QTSU	0	0	0	0	76	31.8	2093	37	121	180	3.270	0.672	0.206	8.2	23.68
3296	40.1021	116.1974	-323.7	410	QTSU	0	0	0	0	68	31.7	2078	49	154	133	3.143	1.158	0.368	8.1	23.68
3297	40.1025	116.1975	-323.2	409	QTSU	0	0	0	0	79	31.7	1906	36	164	134	4.556	1.224	0.269	8.0	23.68
3298	40.1029	116.1975	-321.6	410	QTSU	0	0	0	0	77	31.7	1950	44	136	166	3.091	0.819	0.265	8.1	23.68
3299	40.1033	116.1975	-321.1	406	QTSU	0	0	0	0	82	31.6	1898	22	171	123	7.773	1.390	0.179	8.0	23.68
3300	40.1037	116.1975	-323.1	406	QTSU	0	0	0	0	70	31.6	2058	58	81	155	1.397	0.523	0.374	8.0	23.68
3301	40.1041	116.1975	-320.5	414	QTSU	0	0	0	0	83	31.7	2017	27	152	173	5.630	0.879	0.156	7.9	23.68
3302	40.1045	116.1975	-319.9	422	QTSU	0	0	0	0	72	31.9	1936	23	237	143	10.304	1.657	0.161	7.8	23.68
3303	40.1049	116.1975	-318.8	426	QTSU	0	0	0	0	72	32.0	1969	40	170	152	4.250	1.118	0.263	7.9	23.68
3304	40.1053	116.1975	-319.3	430	QTSU	0	0	0	0	80	32.0	2128	44	175	151	3.977	1.159	0.291	7.8	23.69
3305	40.1057	116.1975	-318.3	429	QTSU	0	0	0	0	79	32.0	1901	38	153	138	4.026	1.109	0.275	7.8	23.69
3306	40.1061	116.1975	-317.9	433	QTSU	0	0	0	0	74	32.1	1912	48	149	131	3.104	1.137	0.366	7.8	23.69
3307	40.1065	116.1975	-316.9	437	QTSU	0	0	0	0	74	32.2	2002	51	136	101	2.667	1.347	0.505	7.9	23.69
3308	40.1069	116.1975	-313.9	436	QTSU	0	0	0	0	77	32.1	1970	36	166	147	4.611	1.129	0.245	7.9	23.69
3309	40.1073	116.1975	-316.1	438	QTSU	0	0	0	0	87	44.6	2001	36	146	160	4.056	0.913	0.225	7.9	23.69
3310	40.1077	116.1975	-314.8	435	QTSU	0	0	0	0	70	44.5	1931	54	94	167	1.741	0.563	0.323	7.9	23.70
3311	40.1081	116.1976	-314.6	430	QTSU	0	0	0	0	68	44.4	1973	45	173	137	3.844	1.263	0.328	7.9	23.70
3312	40.1085	116.1976	-314.3	427	QTSU	0	0	0	0	75	44.4	2053	63	93	155	1.476	0.600	0.406	7.9	23.71
3313	40.1089	116.1976	-315.0	431	QTSU	0	0	0	0	79	44.5	2026	47	138	165	2.936	0.836	0.285	7.8	23.71
3314	40.1093	116.1976	-314.2	431	QTSU	0	0	0	0	75	44.5	2030	43	144	136	3.349	1.059	0.316	7.9	23.71
3315	40.1097	116.1976	-310.0	427	QTSU	0	0	0	0	72	44.4	2036	43	144	169	3.349	0.852	0.254	7.9	23.71
3316	40.1101	116.1976	-310.2	423	QTSU	0	0	0	0	71	44.3	2074	44	98	188	2.227	0.521	0.234	7.9	23.71
3317	40.1105	116.1976	-310.0	420	QTSU	0	0	0	0	74	44.2	1912	52	121	146	2.327	0.829	0.356	7.9	23.71
3318	40.1109	116.1976	-308.0	416	QTSU	0	0	0	0	69	44.1	1832	40	103	169	2.575	0.609	0.237	7.9	23.71
3319	40.1113	116.1976	-305.4	418	QTSU	0	0	0	0	80	44.1	1924	48	144	111	3.000	1.297	0.432	7.9	23.72
3320	40.1117	116.1976	-303.6	421	QTSU	0	0	0	0	69	44.2	1966	36	137	182	3.806	0.753	0.198	8.0	23.72
3321	40.1121	116.1976	-302.8	423	QTSU	0	0	0	0	76	44.3	1995	26	152	175	5.846	0.869	0.149	8.0	23.72
3322	40.1125	116.1976	-301.5	427	QTSU	0	0	0	0	86	44.3	1905	41	141	118	3.439	1.195	0.347	8.0	23.72
3323	40.1129	116.1976	-301.0	425	QTSU	0	0	0	0	68	44.3	1998	62	147	107	2.371	1.374	0.579	8.1	23.72
3324	40.1133	116.1977	-300.4	427	QTSU	0	0	0	0	82	44.3	2018	38	146	141	3.842	1.035	0.270	8.1	23.72
3325	40.1137	116.1977	-301.1	431	QTSU	0	0	0	0	71	44.4	2035	50	135	139	2.700	0.971	0.360	8.1	23.73
3326	40.1141	116.1977	-299.9	429	QTSU	0	0	0	0	71	44.4	2062	62	70	200	1.129	0.350	0.310	8.1	23.73
3327	40.1145	116.1977	-299.1	428	QTSU	0	0	0	0	64	44.4	1993	44	117	164	2.659	0.713	0.268	8.1	23.73
3328	40.1149	116.1977	-296.6	429	QTSU	0	0	0	0	68	44.6	2138	63	98	175	1.556	0.560	0.360	8.2	23.73

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3329	40.1153	116.1977	-297.0	429	QTSU	0	0	0	0	77	44.6	2095	46	144	177	3.130	0.814	0.260	8.1	23.73
3330	40.1157	116.1977	-297.5	431	QTSU	0	0	0	0	70	44.6	1985	42	60	216	1.429	0.278	0.194	8.1	23.73
3331	40.1161	116.1977	-296.2	433	QTSU	0	0	0	0	81	44.7	2007	48	131	147	2.729	0.891	0.327	8.1	23.73
3332	40.1165	116.1977	-296.2	432	QTSU	0	0	0	0	72	44.6	2013	53	103	172	1.943	0.599	0.308	8.1	23.74
3333	40.1169	116.1977	-297.4	426	QTSU	0	0	0	0	66	44.5	1945	52	73	177	1.404	0.412	0.294	8.1	23.74
3334	40.1173	116.1977	-296.9	425	QTSU	0	0	0	0	78	44.5	2024	74	73	175	0.986	0.417	0.423	8.1	23.74
3335	40.1177	116.1977	-297.4	417	QTSU	0	0	0	0	72	44.3	1910	57	77	155	1.351	0.497	0.368	8.2	23.74
3336	40.1181	116.1977	-298.2	406	QTSU	0	0	0	0	75	44.0	2010	39	108	174	2.769	0.621	0.224	8.2	23.74
3337	40.1185	116.1978	-298.8	394	QTSU	0	0	0	0	71	43.7	1882	53	83	171	1.566	0.485	0.310	8.2	23.75
3338	40.1189	116.1978	-296.9	384	QTSU	0	0	0	0	69	43.4	1940	41	112	168	2.732	0.667	0.244	8.2	23.74
3339	40.1193	116.1978	-297.6	385	QTSU	0	0	0	0	78	43.4	1914	47	111	124	2.362	0.895	0.379	8.2	23.74
3340	40.1197	116.1978	-299.5	390	QTSU	0	0	0	0	64	43.6	2071	52	84	178	1.615	0.472	0.292	8.1	23.74
3341	40.1201	116.1978	-302.0	393	QTSU	0	0	0	0	82	43.7	1954	38	128	179	3.368	0.715	0.212	8.0	23.74
3342	40.1205	116.1978	-303.9	400	QTSU	0	0	0	0	76	43.9	1938	43	41	218	0.953	0.188	0.197	8.0	23.75
3343	40.1209	116.1978	-303.0	408	QTSU	0	0	0	0	84	44.0	2015	39	103	188	2.641	0.548	0.207	8.0	23.74
3344	40.1213	116.1978	-301.4	416	QTSU	0	0	0	0	76	44.3	1972	49	112	148	2.286	0.757	0.331	8.0	23.74
3345	40.1217	116.1978	-303.4	418	QTSU	0	0	0	0	70	44.3	2101	51	78	208	1.529	0.375	0.245	8.0	23.74
3346	40.1221	116.1978	-302.7	405	QTSU	0	0	0	0	73	44.0	2003	58	79	173	1.362	0.457	0.335	8.0	23.75
3347	40.1225	116.1978	-301.6	389	QTSU	0	0	0	0	69	48.5	1879	73	69	148	0.945	0.466	0.493	8.0	23.75
3348	40.1229	116.1978	-302.5	387	QTSU	0	0	0	0	72	48.4	1882	47	81	188	1.723	0.431	0.250	8.1	23.75
3349	40.1233	116.1978	-301.3	377	QTSU	0	0	0	0	77	48.1	1877	36	147	132	4.083	1.114	0.273	8.1	23.75
3350	40.1238	116.1978	-301.3	376	QTSU	0	0	0	0	73	48.1	1823	43	119	141	2.767	0.844	0.305	8.1	23.76
3351	40.1242	116.1979	-302.8	371	QTSU	0	0	0	0	65	48.0	1876	40	122	153	3.050	0.797	0.261	8.2	23.76
3352	40.1246	116.1979	-306.6	366	QTSU	0	0	0	0	74	47.8	1925	58	61	178	1.052	0.343	0.326	8.3	23.76
3353	40.1250	116.1979	-304.5	369	QTSU	0	0	0	0	71	47.9	1862	42	94	148	2.238	0.635	0.284	8.3	23.76
3354	40.1254	116.1979	-303.8	368	QTSU	0	0	0	0	67	47.9	1923	53	37	203	0.698	0.182	0.261	8.3	23.76
3355	40.1258	116.1979	-305.5	368	QTSU	0	0	0	0	69	47.9	1866	50	75	186	1.500	0.403	0.269	8.3	23.76
3356	40.1262	116.1979	-305.7	373	QTSU	0	0	0	0	70	48.0	1990	48	111	188	2.313	0.590	0.255	8.3	23.76
3357	40.1266	116.1979	-306.4	372	QTSU	0	0	0	0	74	48.0	1865	38	129	145	3.395	0.890	0.262	8.3	23.76
3358	40.1270	116.1979	-307.1	374	QTSU	0	0	0	0	76	48.1	2006	41	91	161	2.220	0.565	0.255	8.2	23.77
3359	40.1274	116.1979	-307.1	371	QTSU	0	0	0	0	67	48.0	1921	66	61	181	0.924	0.337	0.365	8.2	23.77
3360	40.1278	116.1979	-307.6	371	QTSU	0	0	0	0	71	47.9	2006	63	97	152	1.540	0.638	0.414	8.3	23.78
3361	40.1282	116.1979	-307.3	366	QTSU	0	0	0	0	86	47.8	1983	35	136	196	3.886	0.694	0.179	8.3	23.78
3362	40.1286	116.1979	-307.9	357	QTSU	0	0	0	0	74	47.5	1828	47	54	151	1.149	0.358	0.311	8.3	23.78
3363	40.1290	116.1979	-307.7	345	QTSU	0	0	0	0	69	47.2	1924	61	57	168	0.934	0.339	0.363	8.3	23.79
3364	40.1294	116.1980	-308.2	338	QTSU	0	0	0	0	71	47.0	1988	49	55	194	1.122	0.284	0.253	8.3	23.79
3365	40.1298	116.1980	-308.5	334	QTSU	0	0	0	0	70	46.8	1947	36	67	193	1.861	0.347	0.187	8.2	23.79
3366	40.1302	116.1980	-309.1	338	QTSU	0	0	0	0	74	39.6	1901	53	37	219	0.698	0.169	0.242	8.3	23.79
3367	40.1306	116.1980	-308.4	331	QTSU	0	0	0	0	76	39.4	1988	50	139	187	2.780	0.743	0.267	8.2	23.80
3368	40.1310	116.1980	-308.2	326	QTSU	0	0	0	0	79	39.3	1923	55	79	184	1.580	0.429	0.272	8.2	23.80
3369	40.1314	116.1980	-309.5	320	QTSU	0	0	0	0	71	39.1	1919	42	48	207	1.143	0.232	0.203	8.2	23.80
3370	40.1318	116.1980	-309.2	316	QTSU	0	0	0	0	70	39.0	1981	58	43	197	0.741	0.218	0.294	8.2	23.80
3371	40.1322	116.1980	-309.7	309	QTSU	0	0	0	0	79	38.8	1915	48	147	139	3.063	1.058	0.345	8.2	23.80
3372	40.1326	116.1980	-308.7	308	QTSU	0	0	0	0	65	38.8	2013	67	52	223	0.776	0.233	0.300	8.2	23.80
3373	40.1330	116.1980	-309.9	308	QTSU	0	0	0	0	78	38.8	1966	50	92	178	1.840	0.517	0.281	8.2	23.80
3374	40.1334	116.1980	-309.2	305	QTSU	0	0	0	0	73	38.7	1863	44	77	174	1.750	0.443	0.253	8.1	23.81
3375	40.1338	116.1980	-309.4	307	QTSU	0	0	0	0	69	38.8	1956	41	117	181	2.854	0.646	0.227	8.1	23.81
3376	40.1342	116.1980	-309.6	308	QTSU	0	0	0	0	68	38.8	1811	39	83	192	2.128	0.432	0.203	8.1	23.81
3377	40.1346	116.1981	-308.8	310	QTSU	0	0	0	0	70	38.9	1861	49	139	135	2.837	1.030	0.363	8.1	23.81
3378	40.1350	116.1981	-310.7	318	QTSU	0	0	0	0	71	39.1	2014	50	129	163	2.580	0.791	0.307	8.1	23.81
3379	40.1354	116.1981	-310.1	325	QTSU	0	0	0	0	70	39.2	2001	48	176	126	3.667	1.397	0.381	8.1	23.81
3380	40.1358	116.1981	-311.0	339	QTSU	0	0	0	0	65	39.6	1920	41	130	150	3.171	0.867	0.273	8.1	23.81
3381	40.1362	116.1981	-313.6	347	QTSU	0	0	0	0	74	39.8	1963	52	103	192	1.981	0.536	0.271	8.1	23.81
3382	40.1366	116.1981	-313.0	359	QTSU	0	0	0	0	73	40.1	2125	50	69	200	1.380	0.345	0.250	8.1	23.81

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3383	40.1370	116.1981	-313.7	359	QTSU	0	0	0	0	68	40.1	2070	42	96	184	2.286	0.522	0.228	8.1	23.81
3384	40.1374	116.1981	-313.7	360	QTSU	0	0	0	0	68	40.1	2067	47	154	154	3.277	1.000	0.305	8.1	23.82
3385	40.1378	116.1981	-311.6	363	QTSU	0	0	0	0	75	38.2	2097	55	85	223	1.545	0.381	0.247	8.1	23.82
3386	40.1382	116.1981	-312.9	361	QTSU	0	0	0	0	77	38.2	2150	50	119	162	2.380	0.735	0.309	8.0	23.82
3387	40.1386	116.1981	-313.1	361	QTSU	0	0	0	0	68	38.1	2021	60	121	182	2.017	0.665	0.330	8.1	23.82
3388	40.1390	116.1981	-315.5	360	QTSU	0	0	0	0	73	38.1	2114	48	92	187	1.917	0.492	0.257	8.1	23.83
3389	40.1394	116.1981	-315.5	360	QTSU	0	0	0	0	78	38.1	2025	46	28	248	0.609	0.113	0.185	8.2	23.83
3390	40.1398	116.1981	-314.5	360	QTSU	0	0	0	0	67	38.1	2041	39	85	200	2.179	0.425	0.195	8.2	23.83
3391	40.1402	116.1982	-317.2	362	QTSU	0	0	0	0	73	38.2	2005	57	129	136	2.263	0.949	0.419	8.2	23.83
3392	40.1406	116.1982	-315.4	368	QTSU	0	0	0	0	72	38.3	1997	29	93	224	3.207	0.415	0.129	8.3	23.83
3393	40.1410	116.1982	-315.1	367	QTSU	0	0	0	0	75	38.3	2073	48	126	193	2.625	0.653	0.249	8.3	23.83
3394	40.1414	116.1982	-315.5	372	QTSU	0	0	0	0	73	38.4	2099	34	167	176	4.912	0.949	0.193	8.3	23.84
3395	40.1418	116.1982	-316.0	370	QTSU	0	0	0	0	70	38.4	2018	47	81	219	1.723	0.370	0.215	8.3	23.84
3396	40.1422	116.1982	-317.2	370	QTSU	0	0	0	0	69	38.4	2052	53	97	200	1.830	0.485	0.265	8.4	23.84
3397	40.1426	116.1982	-315.2	369	QTSU	0	0	0	0	81	38.3	2105	46	101	164	2.196	0.616	0.280	8.4	23.84
3398	40.1430	116.1982	-320.9	369	QTSU	0	0	0	0	68	38.3	2115	45	101	201	2.244	0.502	0.224	8.4	23.84
3399	40.1434	116.1982	-317.1	368	QTSU	0	0	0	0	73	38.3	2074	53	146	135	2.755	1.081	0.393	8.4	23.84
3400	40.1438	116.1982	-317.3	374	QTSU	0	0	0	0	70	38.5	2026	50	109	177	2.180	0.616	0.282	8.4	23.84
3401	40.1442	116.1982	-316.5	378	QTSU	0	0	0	0	[illegible]	38.5	2051	47	94	177	2.000	0.531	0.266	8.4	23.84
3402	40.1446	116.1982	-318.7	380	QTSU	0	0	0	0	[illegible]	38.6	1996	43	92	192	2.140	0.479	0.224	8.5	23.84
3403	40.1450	116.1982	-319.4	381	QTSU	0	0	0	0	[illegible]	38.6	1972	41	166	109	4.049	1.523	0.376	8.5	23.83
3404	40.1454	116.1983	-317.1	390	QTSU	0	0	0	0	[illegible]	36.7	1876	42	154	120	3.667	1.283	0.350	8.5	23.83
3405	40.1458	116.1983	-317.5	397	QTSU	0	0	0	0	78	36.8	1925	45	112	133	2.489	0.842	0.338	8.5	23.83
3406	40.1462	116.1983	-321.6	405	QTSU	0	0	0	0	70	37.0	1870	48	125	122	2.604	1.025	0.393	8.5	23.83
3407	40.1466	116.1983	-319.3	413	QTSU	0	0	0	0	72	37.2	1783	24	186	132	7.750	1.409	0.182	8.5	23.82
3408	40.1470	116.1983	-319.7	420	QTSU	0	0	0	0	82	37.3	1939	51	131	131	2.569	1.000	0.389	8.6	23.82
3409	40.1474	116.1983	-321.9	419	QTSU	0	0	0	0	78	37.3	1963	37	45	190	1.216	0.237	0.195	8.7	23.82
3410	40.1478	116.1983	-321.0	432	QTSU	0	0	0	0	75	37.6	1983	42	102	167	2.429	0.611	0.251	8.7	23.82
3411	40.1482	116.1983	-322.2	433	QTSU	0	0	0	0	67	37.6	2059	27	90	220	3.333	0.409	0.123	8.6	23.82
3412	40.1486	116.1983	-322.9	440	QTSU	0	0	0	0	81	37.7	2144	40	93	227	2.325	0.410	0.176	8.7	23.83
3413	40.1490	116.1983	-325.8	445	QTSU	0	0	0	0	61	37.9	1929	35	99	170	2.829	0.582	0.206	8.7	23.82
3414	40.1494	116.1983	-324.2	450	QTSU	0	0	0	0	72	38.0	2003	57	66	199	1.158	0.332	0.286	8.7	23.82
3415	40.1498	116.1983	-321.9	454	QTSU	0	0	0	0	77	38.0	2031	39	138	144	3.538	0.958	0.271	8.8	23.81
3416	40.1502	116.1983	-304.1	459	QTSU	0	0	1	0	81	38.1	2038	69	8	195	0.116	0.041	0.354	8.8	23.82
3417	40.1506	116.1984	-324.0	463	QTSU	0	0	0	0	71	38.2	2062	58	127	162	2.190	0.784	0.358	8.9	23.82
3418	40.1510	116.1984	-325.3	466	QTSU	0	0	0	0	68	38.3	2079	48	69	199	1.438	0.347	0.241	8.8	23.81
3419	40.1514	116.1984	-324.9	471	QTSU	0	0	0	0	68	38.4	2031	49	121	157	2.469	0.771	0.312	8.9	23.81
3420	40.1518	116.1984	-324.9	474	QTSU	0	0	0	0	67	38.4	1983	46	65	206	1.413	0.316	0.223	8.9	23.81
3421	40.1522	116.1984	-325.1	477	QA2	0	0	0	0	73	38.5	2089	57	111	190	1.947	0.584	0.300	8.9	23.81
3422	40.1526	116.1984	-326.5	478	QA2	0	0	0	0	70	38.5	2016	56	42	236	0.750	0.178	0.237	8.9	23.81
3423	40.1530	116.1984	-327.3	475	QA2	0	0	0	0	85	39.9	1833	31	51	213	1.645	0.239	0.146	9.0	23.82
3424	40.1534	116.1984	-327.5	470	QA2	0	0	0	0	80	39.8	1711	20	206	62	10.300	3.323	0.323	9.0	23.82
3425	40.1538	116.1984	-326.8	464	QA2	0	0	1	0	68	39.7	1683	46	-8	184	-0.174	-0.043	0.250	9.1	23.83
3426	40.1542	116.1984	-326.5	464	QA2	0	0	0	0	64	39.7	1487	25	51	107	2.040	0.477	0.234	9.1	23.83
3427	40.1546	116.1984	-326.2	467	QA2	0	0	0	1	74	39.7	1280	7	53	109	7.571	0.486	0.064	9.1	23.83
3428	40.1550	116.1984	-327.0	486	QA2	0	0	1	0	69	40.1	1206	19	14	91	0.737	0.154	0.209	9.1	23.83
3429	40.1554	116.1984	-327.0	486	QA2	0	0	0	0	66	40.1	1148	19	24	92	1.263	0.261	0.207	9.1	23.83
3430	40.1558	116.1984	-328.5	481	QA2	0	0	1	0	74	40.0	1141	22	-8	98	-0.364	-0.082	0.224	9.2	23.83
3431	40.1562	116.1985	-329.3	476	QA2	0	0	0	1	79	39.9	1074	1	104	32	104.000	3.250	0.031	9.3	23.83
3432	40.1566	116.1985	-331.0	471	QA2	0	0	1	0	69	39.8	1119	31	-2	80	-0.065	-0.025	0.387	9.3	23.83
3433	40.1571	116.1985	-329.5	464	QA2	0	0	0	1	70	39.7	1141	4	53	89	13.250	0.596	0.045	9.4	23.84
3434	40.1575	116.1985	-328.5	461	QA2	0	0	0	1	67	39.6	1215	7	105	35	15.000	3.000	0.200	9.5	23.84
3435	40.1579	116.1985	-328.8	458	QA2	0	0	0	0	72	39.6	1231	21	83	47	3.952	1.766	0.447	9.6	23.84
3436	40.1583	116.1985	-328.7	458	QA2	0	0	0	0	70	39.6	1226	19	61	73	3.211	0.836	0.260	9.6	23.85

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3437	40.1587	116.1985	-326.0	460	QA2	0	0	0	0	76	39.6	1349	27	67	66	2.481	1.015	0.409	9.7	23.85
3438	40.1591	116.1985	-325.7	453	QA2	0	0	1	0	71	39.4	1355	31	20	111	0.645	0.180	0.279	9.6	23.85
3439	40.1595	116.1985	-327.0	450	QA2	0	0	0	0	81	39.4	1413	36	39	111	1.083	0.351	0.324	9.7	23.86
3440	40.1599	116.1985	-326.3	442	QA2	0	0	0	0	78	39.2	1412	30	64	89	2.133	0.719	0.337	9.6	23.86
3441	40.1603	116.1985	-326.0	436	QA2	0	0	1	0	75	39.1	1431	33	-28	168	-0.848	-0.167	0.196	9.7	23.86
3442	40.1607	116.1985	-326.6	429	QA2	0	0	0	0	74	47.8	1394	37	35	114	0.946	0.307	0.325	9.7	23.87
3443	40.1611	116.1985	-326.3	429	QA2	0	0	0	0	75	47.8	1393	24	28	140	1.167	0.200	0.171	9.8	23.87
3444	40.1615	116.1986	-325.0	430	QA2	0	0	0	0	66	47.8	1460	29	62	93	2.138	0.667	0.312	9.8	23.86
3445	40.1619	116.1986	-326.1	438	QA2	0	0	0	0	71	48.0	1629	28	96	136	3.429	0.706	0.206	9.9	23.87
3446	40.1623	116.1986	-324.4	435	QA2	0	0	0	0	68	47.9	1599	20	78	125	3.900	0.624	0.160	9.9	23.86
3447	40.1627	116.1986	-323.1	439	QA2	0	0	0	0	78	48.0	1712	25	70	163	2.800	0.429	0.153	9.9	23.86
3448	40.1631	116.1986	-323.3	434	QA2	0	0	0	0	74	47.9	1736	32	71	155	2.219	0.458	0.206	9.9	23.86
3449	40.1634	116.1986	-324.5	433	QA2	0	0	1	0	78	47.9	1854	55	-26	223	-0.473	-0.117	0.247	9.9	23.87
3450	40.1638	116.1986	-324.3	427	QA2	0	0	0	0	78	47.7	1900	30	125	144	4.167	0.868	0.208	9.9	23.87
3451	40.1641	116.1986	-324.8	420	QA2	0	0	0	0	82	47.5	1902	30	83	205	2.767	0.405	0.146	10.0	23.87
3452	40.1645	116.1986	-324.5	422	QA2	0	0	0	0	77	47.5	1943	42	114	155	2.714	0.735	0.271	10.1	23.87
3453	40.1649	116.1986	-323.9	429	QA2	0	0	0	0	66	47.7	1989	51	116	151	2.275	0.768	0.338	10.1	23.87
3454	40.1652	116.1986	-322.6	430	QA2	0	0	0	0	74	47.8	2126	50	69	210	1.380	0.329	0.238	10.1	23.87
3455	40.1656	116.1986	-323.0	435	QA2	0	0	0	0	67	47.9	2088	42	190	122	4.524	1.557	0.344	10.1	23.87
3456	40.1659	116.1985	-323.4	436	QA2	0	0	0	0	82	47.9	2037	74	79	154	1.068	0.513	0.481	10.2	23.87
3458	40.1667	116.1985	-323.3	433	QA2	0	0	0	0	66	47.9	2072	49	96	179	1.959	0.536	0.274	10.2	23.86
3459	40.1670	116.1985	-322.9	421	QA2	0	0	0	0	74	47.5	2111	37	126	211	3.405	0.597	0.175	10.2	23.87
3460	40.1674	116.1985	-323.4	408	QA2	0	0	0	0	72	47.2	2043	46	118	149	2.565	0.792	0.309	10.3	23.87
3461	40.1677	116.1985	-319.8	387	QA2	0	0	0	0	72	46.6	1911	21	209	161	9.952	1.298	0.130	10.3	23.88
3462	40.1681	116.1985	-320.4	373	QA2	0	0	0	0	75	45.2	1883	45	81	186	1.800	0.435	0.242	10.4	23.88
3463	40.1685	116.1985	-321.8	370	QA2	0	0	0	0	64	45.1	1941	33	147	154	4.455	0.955	0.214	10.4	23.88
3464	40.1688	116.1985	-323.2	386	QA2	0	0	0	0	74	45.5	1908	51	85	170	1.667	0.500	0.300	10.4	23.88
3465	40.1692	116.1985	-322.8	394	QTSU	0	0	0	0	77	45.7	1974	51	76	183	1.490	0.415	0.279	10.4	23.87
3466	40.1695	116.1985	-320.9	406	QTSU	0	0	0	0	81	46.0	2084	47	88	182	1.872	0.484	0.258	10.5	23.87
3467	40.1699	116.1985	-323.0	413	QTSU	0	0	0	0	75	46.2	2013	51	69	207	1.353	0.333	0.246	10.5	23.87
3468	40.1703	116.1985	-324.7	418	QTSU	0	0	0	0	60	46.4	2015	49	126	169	2.571	0.746	0.290	10.5	23.87
3469	40.1706	116.1985	-321.9	417	QTSU	0	0	0	0	76	46.3	2193	52	50	232	0.962	0.216	0.224	10.6	23.87
3470	40.1710	116.1985	-320.4	415	QTSU	0	0	0	0	69	46.3	2161	62	34	221	0.548	0.154	0.281	10.6	23.88
3471	40.1713	116.1985	-322.1	410	QTSU	0	0	0	0	68	46.2	2263	61	99	189	1.623	0.524	0.323	10.6	23.88
3472	40.1717	116.1985	-322.8	407	QTSU	0	0	0	0	78	46.1	2242	62	142	144	2.290	0.986	0.431	10.7	23.88
3473	40.1721	116.1985	-320.0	406	QTSU	0	0	0	0	75	46.1	2289	49	178	184	3.633	0.967	0.266	10.7	23.88
3474	40.1724	116.1985	-319.7	410	QTSU	0	0	0	0	78	46.2	2221	52	110	204	2.115	0.539	0.255	10.7	23.87
3475	40.1728	116.1985	-319.6	416	QTSU	0	0	0	0	69	46.3	2168	58	111	177	1.914	0.627	0.328	10.7	23.87
3476	40.1731	116.1985	-318.8	417	QTSU	0	0	0	0	69	46.3	2203	50	150	151	3.000	0.993	0.331	10.7	23.87
3477	40.1735	116.1985	-319.5	419	QTSU	0	0	0	0	84	46.4	2132	45	132	182	2.870	0.725	0.253	10.7	23.86
3478	40.1739	116.1985	-319.5	422	QTSU	0	0	0		68	46.5	2169	41	180	173	4.390	1.040	0.237	10.7	23.86
3480	40.1746	116.1984	-321.3	425	QTSU	0	0	0	0	69	46.5	2001	29	147	137	5.069	1.073	0.212	10.7	23.86
3481	40.1749	116.1984	-320.8	420	QTSU	0	0	0	0	70	46.4	2041	65	90	155	1.385	0.581	0.419	10.8	23.86
3482	40.1753	116.1984	-319.8	414	QTSU	0	0	0	0	79	49.0	2080	49	98	151	2.000	0.649	0.325	10.8	23.86
3483	40.1757	116.1984	-318.5	410	QTSU	0	0	0	0	79	48.8	1996	52	82	144	1.577	0.569	0.361	10.8	23.86
3484	40.1760	116.1984	-318.5	407	QTSU	0	0	0	0	80	48.8	1886	38	121	146	3.184	0.829	0.260	10.7	23.86
3485	40.1764	116.1984	-320.2	404	QTSU	0	0	0	0	72	48.7	1918	41	112	166	2.732	0.675	0.247	10.8	23.86
3486	40.1767	116.1984	-320.4	399	QTSU	0	0	0	0	80	48.5	1836	31	75	185	2.419	0.405	0.168	10.8	23.86
3487	40.1771	116.1984	-320.7	389	QTSU	0	0	0	0	59	48.3	1904	39	106	153	2.718	0.693	0.255	10.7	23.87
3488	40.1775	116.1984	-321.0	378	QA2	0	0	0	0	75	47.9	1756	28	120	144	4.286	0.833	0.194	10.7	23.87
3489	40.1778	116.1984	-320.8	370	QA2	0	0	0	0	73	47.7	1805	43	82	155	1.907	0.529	0.277	10.7	23.87
3490	40.1782	116.1984	-320.5	368	QA2	0	0	1	0	75	47.6	1815	51	15	191	0.294	0.079	0.267	10.7	23.87
3491	40.1785	116.1984	-321.7	362	QA2	0	0	0	0	77	47.5	1790	39	91	116	2.333	0.784	0.336	10.7	23.87
3492	40.1789	116.1984	-323.5	353	QA2	0	0	0	0	70	47.2	1772	30	79	172	2.633	0.459	0.174	10.7	23.88

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3493	40.1793	116.1984	-322.0	344	QA2	0	0	0	0	62	46.9	1787	43	114	135	2.651	0.844	0.319	10.7	23.88
3494	40.1796	116.1984	-322.8	339	QA2	0	0	0	0	87	46.8	1699	38	87	155	2.289	0.561	0.245	10.7	23.88
3495	40.1800	116.1984	-321.5	336	QA2	0	0	0	0	60	46.7	1769	50	51	155	1.020	0.329	0.323	10.7	23.88
3496	40.1803	116.1984	-322.4	335	QA2	0	0	0	0	83	46.7	1631	41	63	141	1.537	0.447	0.291	10.7	23.87
3497	40.1807	116.1984	-319.2	334	QA2	0	0	0	0	60	46.6	1704	38	79	170	2.079	0.465	0.224	10.7	23.87
3498	40.1811	116.1984	-318.6	329	QA2	0	0	0	0	68	46.5	1649	37	132	94	3.569	1.404	0.394	10.7	23.87
3499	40.1814	116.1984	-317.6	328	QTSU	0	0	0	0	77	46.4	1637	32	141	127	4.406	1.110	0.252	10.8	23.86
3500	40.1818	116.1984	-316.6	328	QTSU	0	0	1	0	78	46.4	1667	40	26	169	0.650	0.154	0.237	10.8	23.85
3501	40.1821	116.1983	-318.1	319	QTSU	0	0	0	0	64	46.3	1646	38	101	131	2.658	0.771	0.290	10.7	23.85
3502	40.1825	116.1983	-318.3	314	QTSU	0	0	0	0	70	46.2	1674	41	29	177	0.707	0.164	0.232	10.7	23.85
3503	40.1829	116.1983	-317.0	313	QTSU	0	0	0	0	76	46.1	1592	42	92	83	2.190	1.108	0.506	10.7	23.84
3504	40.1832	116.1983	-317.1	322	QTSU	0	0	0	0	68	46.4	1605	32	63	139	1.969	0.453	0.230	10.7	23.84
3505	40.1836	116.1983	-318.0	335	QTSU	0	0	0	0	74	46.8	1818	43	94	145	2.186	0.648	0.297	10.7	23.84
3506	40.1839	116.1983	-319.2	329	QTSU	0	0	0	0	71	46.6	1747	43	99	137	2.302	0.723	0.314	10.7	23.84
3507	40.1843	116.1983	-316.7	331	QTSU	0	0	0	0	73	46.7	1817	52	53	138	1.019	0.384	0.377	10.7	23.84
3508	40.1847	116.1983	-317.7	352	QTSU	0	0	1	0	66	47.3	1838	43	-3	233	-0.070	-0.013	0.185	10.7	23.84
3509	40.1850	116.1983	-316.8	362	QTSU	0	0	0	0	64	47.6	1895	41	54	181	1.317	0.298	0.227	10.7	23.84
3510	40.1854	116.1983	-317.7	368	QTSU	0	0	0	0	81	47.8	1991	42	62	203	1.476	0.305	0.207	10.7	23.84
3511	40.1859	116.1983	-317.0	371	QTSU	0	0	0	0	69	47.9	2014	49	55	211	1.122	0.261	0.232	10.7	23.84
3512	40.1863	116.1982	-319.2	371	QTSU	0	0	0	0	74	47.9	2045	50	90	194	1.800	0.464	0.258	10.7	23.84
3513	40.1868	116.1982	-317.8	370	QTSU	0	0	0	0	70	47.9	2085	48	84	185	1.750	0.454	0.259	10.7	23.84
3514	40.1873	116.1981	-316.3	371	QTSU	0	0	0	0	80	47.9	2048	60	81	155	1.350	0.523	0.387	10.7	23.84
3515	40.1878	116.1981	-316.0	379	QTSU	0	0	0	0	68	48.1	2097	46	117	209	2.543	0.560	0.220	10.7	23.83
3516	40.1883	116.1981	-316.4	389	QTSU	0	0	0	0	71	48.4	2126	55	101	209	1.836	0.483	0.263	10.7	23.83
3517	40.1888	116.1980	-315.4	396	QTSU	0	0	0	0	67	48.6	2167	59	121	202	2.051	0.599	0.292	10.7	23.82
3518	40.1893	116.1980	-318.1	405	QTSU	0	0	0	0	73	48.9	2075	72	59	187	0.819	0.316	0.385	10.7	23.81
3519	40.1898	116.1979	-316.9	407	QTSU	0	0	0	0	77	48.9	1929	48	130	167	2.708	0.778	0.287	10.7	23.80
3520	40.1902	116.1979	-317.3	413	QTSU	0	0	0	0	76	55.5	2119	58	51	193	0.879	0.264	0.301	10.8	23.80
3521	40.1907	116.1979	-316.9	413	QTSU	0	0	0	0	84	55.5	1998	48	66	183	1.375	0.361	0.262	10.8	23.80
3522	40.1912	116.1978	-316.4	410	QTSU	0	0	0	0	69	55.5	2113	51	75	190	1.471	0.395	0.268	10.7	23.80
3523	40.1917	116.1978	-317.0	407	QTSU	0	0	0	0	69	55.4	1990	37	104	186	2.811	0.559	0.199	10.7	23.79
3524	40.1922	116.1977	-318.0	405	QTSU	0	0	0	0	81	55.3	1972	50	95	148	1.900	0.642	0.338	10.7	23.79
3525	40.1927	116.1977	-317.3	406	QTSU	0	0	0	0	83	55.3	1983	53	101	158	1.906	0.639	0.335	10.7	23.79
3527	40.1936	116.1976	-314.1	403	QTSU	0	0	0	0	78	55.2	2091	51	86	197	1.686	0.437	0.259	10.7	23.78
3528	40.1941	116.1976	-316.7	399	QTSU	0	0	0	0	89	55.1	1930	47	76	170	1.617	0.447	0.276	10.7	23.78
3529	40.1946	116.1975	-315.0	388	QTSU	0	0	0	0	84	54.8	2049	58	43	207	0.741	0.208	0.280	10.6	23.78
3530	40.1951	116.1975	-316.4	376	QTSU	0	0	0	0	71	54.3	2020	52	64	205	1.231	0.312	0.254	10.6	23.78
3531	40.1956	116.1975	-313.4	356	QTSU	0	0	0	0	63	53.7	1949	59	106	147	1.797	0.721	0.401	10.7	23.79
3532	40.1961	116.1974	-314.8	339	QTSU	0	0	0	0	83	53.1	1878	45	101	145	2.244	0.697	0.310	10.6	23.79
3533	40.1966	116.1974	-313.9	331	QTSU	0	0	0	0	70	52.8	1855	39	118	146	3.026	0.808	0.267	10.6	23.79
3534	40.1970	116.1973	-313.4	326	QTSU	0	0	0	0	74	52.7	1902	35	129	150	3.686	0.860	0.233	10.6	23.79
3535	40.1975	116.1973	-313.2	322	QTSU	0	0	0	0	81	52.5	1831	37	87	190	2.351	0.458	0.195	10.6	23.80
3536	40.1980	116.1973	-314.6	314	QTSU	0	0	0	0	80	52.2	1901	53	99	147	1.868	0.673	0.361	10.6	23.80
3537	40.1985	116.1972	-314.4	310	QTSU	0	0	0	0	73	52.1	1977	82	33	170	0.402	0.194	0.482	10.5	23.80
3538	40.1990	116.1972	-315.5	303	QTSU	0	0	0	0	67	51.8	1935	50	83	177	1.660	0.469	0.282	10.6	23.80
3539	40.1995	116.1971	-314.3	296	QTSU	0	0	0	0	68	51.6	1802	42	123	156	2.929	0.788	0.269	10.5	23.80
3540	40.2000	116.1971	-316.0	305	QTSU	0	0	0	0	67	48.3	1942	40	80	213	2.000	0.376	0.188	10.6	23.80
3541	40.2004	116.1971	-317.5	309	QTSU	0	0	0	0	72	48.4	1929	47	93	185	1.979	0.503	0.254	10.6	23.81
3542	40.2009	116.1970	-318.0	312	QTSU	0	0	0	0	83	48.5	1929	50	115	159	2.300	0.723	0.314	10.6	23.80
3543	40.2014	116.1970	-319.7	315	QTSU	0	0	0	0	74	48.6	2009	51	35	217	0.686	0.161	0.235	10.5	23.80
3544	40.2019	116.1969	-320.3	314	QTSU	0	0	0	0	76	48.6	1965	41	102	189	2.488	0.540	0.217	10.5	23.80
3545	40.2024	116.1969	-319.8	321	QTSU	0	0	0	0	79	48.8	2045	61	98	156	1.607	0.628	0.391	10.5	23.80
3546	40.2029	116.1969	-319.1	313	QTSU	0	0	0	0	80	48.6	2035	50	68	205	1.360	0.332	0.244	10.5	23.80
3547	40.2034	116.1968	-319.3	318	QTSU	0	0	0	0	83	48.7	1991	41	120	176	2.927	0.682	0.233	10.4	23.81

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3548	40.2038	116.1968	-319.0	328	QTSU	0	0	0	0	80	49.1	2195	53	146	178	2.755	0.820	0.298	10.3	23.80
3549	40.2043	116.1967	-319.9	314	QTSU	0	0	0	0	79	48.6	1996	47	96	174	2.043	0.552	0.270	10.3	23.80
3550	40.2048	116.1967	-320.6	325	QA2	0	0	0	0	82	49.0	2169	50	128	159	2.560	0.805	0.314	10.3	23.80
3551	40.2052	116.1967	-322.2	342	QA2	0	0	0	0	76	49.5	2076	46	75	194	1.630	0.387	0.237	10.2	23.80
3552	40.2056	116.1967	-322.0	356	QA2	0	0	0	0	68	50.0	2134	52	127	190	2.442	0.668	0.274	10.2	23.79
3553	40.2060	116.1967	-322.1	368	QA2	0	0	0	0	73	50.3	2052	65	35	225	0.538	0.156	0.289	10.2	23.79
3554	40.2064	116.1967	-321.3	377	QA2	0	0	0	0	79	50.6	2085	67	53	183	0.791	0.290	0.366	10.2	23.79
3555	40.2068	116.1968	-322.4	382	QA2	0	0	0	0	71	50.8	2093	50	101	169	2.020	0.598	0.296	10.2	23.78
3556	40.2071	116.1968	-322.8	386	QA2	0	0	0	0	80	50.9	2231	69	106	146	1.536	0.726	0.473	10.1	23.78
3557	40.2075	116.1968	-320.8	390	QA2	0	0	0	0	73	51.0	2230	58	77	209	1.328	0.368	0.278	10.1	23.78
3558	40.2079	116.1968	-323.2	397	QA2	0	0	0	0	81	51.2	2218	60	89	194	1.483	0.459	0.309	10.1	23.78
3559	40.2083	116.1968	-322.4	401	QA2	0	0	0	0	80	48.3	2208	68	123	141	1.809	0.872	0.482	10.2	23.77
3560	40.2087	116.1968	-324.3	404	QTSU	0	0	0	0	76	48.4	2237	42	152	192	3.619	0.792	0.219	10.1	23.76
3561	40.2091	116.1968	-322.5	407	QTSU	0	0	0	0	73	48.5	2151	54	72	210	1.333	0.343	0.257	10.1	23.76
3562	40.2095	116.1968	-323.5	403	QTSU	0	0	1	0	73	48.4	2208	70	5	205	0.066	0.024	0.371	10.1	23.75
3563	40.2099	116.1968	-323.0	399	QTSU	0	0	0	0	69	48.3	2197	47	128	147	2.723	0.871	0.320	10.1	23.75
3564	40.2103	116.1969	-322.7	394	QTSU	0	0	0	0	75	48.1	2102	56	56	212	0.949	0.264	0.278	10.1	23.75
3565	40.2107	116.1969	-323.5	389	QTSU	0	0	0	0	77	48.0	2164	58	67	212	1.155	0.316	0.274	10.0	23.75
3566	40.2110	116.1969	-323.0	385	QTSU	0	0	0	0	78	47.9	2183	52	134	138	2.577	0.971	0.377	10.0	23.75
3567	40.2114	116.1969	-322.5	381	QTSU	0	0	0	0	72	47.8	2169	71	30	206	0.423	0.146	0.345	10.0	23.75
3568	40.2118	116.1969	-322.5	377	QTSU	0	0	0	0	70	47.6	2156	50	120	194	2.400	0.619	0.258	9.9	23.74
3569	40.2122	116.1969	-322.0	369	QTSU	0	0	0	0	78	47.4	2179	71	63	199	0.887	0.317	0.357	9.9	23.74
3570	40.2126	116.1969	-321.2	367	QTSU	0	0	0	0	76	47.3	2144	70	93	197	1.329	0.472	0.355	9.8	23.73
3571	40.2130	116.1969	-320.5	357	QTSU	0	0	1	0	74	47.0	2013	88	-6	189	-0.068	-0.032	0.466	9.8	23.73
3572	40.2134	116.1969	-321.1	341	QTSU	0	0	0	0	79	46.6	2063	34	153	147	4.500	1.041	0.231	9.7	23.73
3573	40.2138	116.1970	-319.9	327	QTSU	0	0	0	0	77	46.1	2057	39	103	226	2.641	0.456	0.173	9.7	23.73
3574	40.2142	116.1970	-321.4	334	QTSU	0	0	1	0	87	46.4	2024	54	7	241	0.130	0.029	0.224	9.7	23.73
3575	40.2145	116.1970	-321.9	352	QTSU	0	0	0	0	73	46.9	2030	69	32	201	0.464	0.159	0.343	9.7	23.72
3576	40.2149	116.1970	-324.1	359	QTSU	0	0	0	0	77	47.1	2055	48	120	149	2.500	0.805	0.322	9.7	23.72
3577	40.2153	116.1970	-323.2	370	QTSU	0	0	0	0	74	47.4	1975	58	85	172	1.466	0.494	0.337	9.6	23.71
3578	40.2157	116.1970	-324.1	377	QTSU	0	0	0	0	82	43.8	2067	56	122	182	2.179	0.670	0.308	9.6	23.71
3579	40.2161	116.1970	-323.4	365	QTSU	0	0	0	0	84	43.5	2075	66	106	150	1.606	0.707	0.440	9.5	23.72
3580	40.2165	116.1970	-324.6	367	QTSU	0	0	0	0	75	43.6	2007	56	119	145	2.125	0.821	0.386	9.5	23.72
3581	40.2169	116.1970	-325.2	381	QTSU	0	0	0	0	77	44.0	2022	45	92	203	2.044	0.453	0.222	9.5	23.72
3582	40.2173	116.1970	-324.5	401	QTSU	0	0	0	0	67	44.5	1952	48	78	185	1.625	0.422	0.259	9.4	23.70
3583	40.2177	116.1971	-323.3	425	QTSU	0	0	0	0	70	45.1	2183	40	131	207	3.275	0.633	0.193	9.4	23.70
3584	40.2180	116.1971	-323.3	447	QTSU	0	0	1	0	70	45.6	2154	74	-14	271	-0.189	-0.052	0.273	9.3	23.69
3585	40.2184	116.1971	-323.8	464	QTSU	0	0	0	0	73	46.1	2178	48	107	190	2.229	0.563	0.253	9.3	23.68
3586	40.2188	116.1971	-322.4	484	QTSU	0	0	0	0	82	46.6	2257	60	87	181	1.450	0.481	0.331	9.2	23.67
3587	40.2192	116.1971	-324.8	488	QTSU	0	0	0	0	79	46.7	2084	55	141	117	2.564	1.205	0.470	9.1	23.66
3588	40.2196	116.1971	-323.3	490	QTSU	0	0	1	0	73	46.7	2188	65	29	203	0.446	0.143	0.320	9.1	23.66
3589	40.2200	116.1971	-322.5	490	QTSU	0	0	0	0	67	46.7	2177	48	108	173	2.250	0.624	0.277	9.0	23.66
3590	40.2204	116.1971	-322.4	492	QTSU	0	0	0	0	83	46.7	2145	46	103	169	2.239	0.609	0.272	9.0	23.66
3591	40.2208	116.1971	-321.2	489	QTSU	0	0	0	0	71	46.7	2181	51	136	148	2.667	0.919	0.345	9.0	23.65
3592	40.2212	116.1972	-320.7	483	QTSU	0	0	0	0	62	46.5	2008	50	90	199	1.800	0.452	0.251	9.0	23.65
3593	40.2215	116.1972	-320.7	476	QTSU	0	0	0	0	74	46.4	2010	50	107	165	2.140	0.648	0.303	9.0	23.65
3594	40.2219	116.1972	-320.1	479	QTSU	0	0	0	0	75	46.4	1991	63	40	176	0.635	0.227	0.358	9.0	23.64
3595	40.2223	116.1972	-319.3	478	QTSU	0	0	0	0	72	46.4	2009	77	49	154	0.636	0.318	0.500	8.9	23.64
3596	40.2227	116.1972	-320.6	478	QTSU	0	0	0	0	82	46.4	2095	65	77	146	1.185	0.527	0.445	8.9	23.63
3597	40.2231	116.1972	-321.8	479	QTSU	0	0	0	0	70	49.0	1957	58	100	157	1.724	0.637	0.369	8.8	23.63
3598	40.2235	116.1972	-320.2	487	QTSU	0	0	0	0	70	49.2	2076	40	87	185	2.175	0.470	0.216	8.8	23.63
3599	40.2239	116.1972	-320.6	489	QTSU	0	0	0	0	75	49.3	2179	66	70	143	1.061	0.490	0.462	8.8	23.64
3600	40.2243	116.1972	-320.7	479	QA2	0	0	0	0	77	49.0	2187	81	72	120	0.889	0.600	0.675	8.7	23.63
3601	40.2247	116.1973	-321.6	481	QA2	0	0	0	0	77	49.1	2015	55	145	120	2.636	1.208	0.458	8.6	23.63

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3602	40.2250	116.1973	-319.8	488	QA2	0	0	0	0	69	49.2	1993	65	60	198	0.923	0.303	0.328	8.6	23.63
3603	40.2254	116.1973	-323.2	490	QA2	0	0	0	0	76	49.3	2089	74	109	150	1.473	0.727	0.493	8.6	23.63
3604	40.2258	116.1973	-322.4	495	QA2	0	0	0	0	85	49.4	2283	64	98	178	1.531	0.551	0.360	8.5	23.63
3605	40.2262	116.1973	-322.3	494	QA2	0	0	0	0	72	49.4	2167	86	105	116	1.221	0.905	0.741	8.4	23.62
3606	40.2266	116.1973	-324.0	495	QA2	0	0	0	0	74	49.4	2185	44	151	157	3.432	0.962	0.280	8.4	23.62
3607	40.2270	116.1973	-323.7	494	QA2	0	0	0	0	73	49.4	2262	63	56	199	0.889	0.281	0.317	8.3	23.62
3608	40.2274	116.1973	-322.7	492	QA2	0	0	0	0	73	49.3	2190	65	48	211	0.738	0.227	0.308	8.3	23.62
3609	40.2278	116.1973	-321.4	494	QA2	0	0	0	0	79	49.4	2231	54	54	166	1.000	0.325	0.325	8.2	23.62
3610	40.2282	116.1973	-321.7	491	QQA3	0	0	0	0	74	49.3	2108	69	45	200	0.652	0.225	0.345	8.1	23.63
3611	40.2285	116.1974	-322.6	494	QQA3	0	0	0	0	78	49.4	2224	53	116	161	2.189	0.720	0.329	8.0	23.63
3612	40.2289	116.1974	-323.3	493	QQA3	0	0	0	0	76	49.4	2174	63	83	210	1.317	0.395	0.300	8.0	23.63
3613	40.2293	116.1974	-322.5	492	QQA3	0	0	0	0	69	49.3	2230	77	137	138	1.779	0.993	0.558	8.0	23.63
3614	40.2297	116.1974	-320.5	491	QQA3	0	0	0	0	74	49.3	2275	51	118	179	2.314	0.659	0.285	7.9	23.64
3615	40.2301	116.1974	-321.8	484	QQA3	0	0	0	0	80	49.1	2154	73	74	150	1.014	0.493	0.487	7.8	23.64
3616	40.2305	116.1974	-323.3	471	QQA3	0	0	0	0	84	47.5	2240	47	33	254	0.702	0.130	0.185	7.7	23.64
3617	40.2309	116.1974	-322.2	459	QQA3	0	0	0	0	82	47.2	2189	73	107	153	1.466	0.699	0.477	7.7	23.64
3618	40.2313	116.1974	-322.7	447	QQA3	0	0	0	0	77	46.9	2111	53	127	157	2.396	0.809	0.338	7.6	23.64
3619	40.2317	116.1974	-322.5	432	QQA3	0	0	0	0	79	46.6	2067	46	58	230	1.261	0.252	0.200	7.6	23.65
3620	40.2321	116.1975	-322.4	414	QQA3	0	0	0	0	80	46.1	2085	63	101	135	1.603	0.748	0.467	7.5	23.65
3621	40.2324	116.1975	-321.3	393	QQA3	0	0	1	0	76	45.5	2086	70	26	160	0.371	0.162	0.438	7.6	23.65
3622	40.2328	116.1975	-321.6	382	QQA3	0	0	0	0	75	45.2	2056	62	54	154	0.871	0.351	0.403	7.5	23.65
3623	40.2332	116.1975	-322.6	378	QQA3	0	0	0	0	83	45.1	2064	61	105	152	1.721	0.691	0.401	7.5	23.64
3624	40.2336	116.1975	-322.1	371	QQA3	0	0	0	0	73	44.9	2000	58	57	200	0.983	0.285	0.290	7.4	23.64
3625	40.2340	116.1975	-322.6	369	QQA3	0	0	0	0	81	44.8	2071	55	144	151	2.618	0.954	0.364	7.4	23.64
3626	40.2344	116.1975	-324.6	364	QQA3	0	0	0	0	84	44.7	1972	71	49	146	0.690	0.336	0.486	7.3	23.64
3627	40.2348	116.1975	-323.8	367	QQA3	0	0	0	0	83	44.8	1920	53	91	123	1.717	0.740	0.431	7.4	23.65
3628	40.2352	116.1975	-324.2	374	QQA3	0	0	0	0	70	45.0	1894	62	36	188	0.581	0.191	0.330	7.4	23.65
3629	40.2356	116.1976	-324.3	384	QQA3	0	0	0	0	80	45.3	2025	45	141	143	3.133	0.986	0.315	7.4	23.65
3630	40.2359	116.1976	-323.9	392	QQA3	0	0	0	0	82	45.5	1996	62	95	126	1.532	0.754	0.492	7.4	23.64
3631	40.2363	116.1976	-325.5	411	QQA3	0	0	0	0	74	46.0	1975	54	90	173	1.667	0.520	0.312	7.4	23.64
3632	40.2367	116.1976	-324.9	422	QQA3	0	0	0	0	81	46.3	2085	68	113	191	1.662	0.592	0.356	7.4	23.63
3633	40.2371	116.1976	-325.0	428	QQA3	0	0	0	0	83	46.4	2013	65	78	182	1.200	0.429	0.357	7.4	23.64
3634	40.2375	116.1976	-325.8	425	QQA3	0	0	0	0	73	46.4	2037	74	66	173	0.892	0.382	0.428	7.5	23.64
3635	40.2379	116.1976	-325.3	414	QQA3	0	0	0	0	72	43.7	2112	74	126	140	1.703	0.900	0.529	7.5	23.64
3636	40.2383	116.1976	-326.0	422	QQA3	0	0	0	0	80	43.9	1986	57	107	160	1.877	0.669	0.356	7.4	23.64
3637	40.2387	116.1976	-325.8	437	QQA3	0	0	0	0	78	44.3	2127	62	144	151	2.323	0.954	0.411	7.4	23.64
3638	40.2391	116.1976	-326.2	418	QQA3	0	0	0	0	80	43.8	1906	62	110	108	1.774	1.019	0.574	7.4	23.64
3639	40.2394	116.1977	-326.9	410	QQA3	0	0	0	0	81	43.6	2062	69	85	146	1.232	0.582	0.473	7.4	23.64
3640	40.2398	116.1977	-326.2	432	QQA3	0	0	0	0	78	44.1	2194	89	64	163	0.719	0.393	0.546	7.4	23.65
3641	40.2402	116.1977	-324.4	440	QQA3	0	0	0	0	73	44.3	2131	77	65	178	0.844	0.365	0.433	7.4	23.65
3642	40.2406	116.1977	-327.1	440	QQA3	0	0	0	0	87	44.3	2193	70	52	179	0.743	0.291	0.391	7.4	23.65
3643	40.2410	116.1977	-329.0	445	QQA3	0	0	0	0	75	44.4	2247	44	140	211	3.182	0.664	0.209	7.3	23.65
3644	40.2414	116.1977	-327.9	449	QQA3	0	0	0	0	76	44.5	2068	57	170	112	2.982	1.518	0.509	7.3	23.64
3645	40.2418	116.1977	-326.7	439	QQA3	0	0	0	0	72	44.3	2096	76	92	157	1.211	0.586	0.484	7.2	23.65
3646	40.2422	116.1977	-327.7	433	QQA3	0	0	0	0	86	44.2	2003	57	101	157	1.772	0.643	0.363	7.2	23.65
3647	40.2426	116.1977	-327.0	428	QQA3	0	0	0	0	81	44.0	2161	76	76	177	1.000	0.429	0.429	7.2	23.64
3648	40.2429	116.1978	-327.3	413	QQA3	0	0	0	0	80	43.6	2055	62	110	165	1.774	0.667	0.376	7.1	23.64
3649	40.2433	116.1978	-326.5	389	QQA3	0	0	0	0	71	43.1	2013	56	117	115	2.089	1.017	0.487	7.1	23.63
3650	40.2437	116.1978	-326.9	394	QQA3	0	0	0	0	77	43.2	2023	84	91	155	1.083	0.587	0.542	7.1	23.63
3651	40.2441	116.1978	-327.3	379	QQA3	0	0	0	0	82	42.8	2008	76	57	170	0.750	0.335	0.447	7.1	23.64
3652	40.2445	116.1978	-328.7	347	QQA3	0	0	0	0	72	41.9	1900	48	116	149	2.417	0.779	0.322	7.1	23.64
3653	40.2449	116.1978	-327.3	335	QQA3	0	0	0	0	72	41.6	1882	51	111	157	2.176	0.707	0.325	7.0	23.64
3654	40.2453	116.1978	-327.4	348	QQA3	0	0	0	0	74	41.2	1967	56	178	110	3.179	1.618	0.509	7.0	23.64
3655	40.2457	116.1978	-328.3	357	QQA3	0	0	0	0	68	41.4	2042	76	100	134	1.316	0.746	0.567	7.0	23.63

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3656	40.2461	116.1978	-327.8	352	QOA3	0	0	0	0	80	41.3	2005	57	167	137	2.930	1.219	0.416	7.0	23.63
3657	40.2464	116.1979	-329.7	354	QOA3	0	0	0	0	76	41.4	1997	72	83	116	1.153	0.716	0.621	7.0	23.62
3658	40.2468	116.1979	-328.9	364	QOA3	0	0	0	0	78	41.6	1974	64	150	99	2.344	1.515	0.646	7.0	23.62
3659	40.2472	116.1979	-327.5	366	QOA3	0	0	0	0	79	41.7	1998	66	106	184	1.606	0.576	0.359	6.9	23.61
3660	40.2476	116.1979	-327.6	359	QOA3	0	0	0	0	73	41.5	2046	57	75	195	1.316	0.385	0.292	6.9	23.61
3661	40.2480	116.1979	-326.2	344	QOA3	0	0	0	0	80	41.1	1973	55	151	138	2.745	1.094	0.399	6.9	23.62
3662	40.2484	116.1979	-327.1	340	QOA3	0	0	0	0	79	41.0	2128	62	107	169	1.726	0.633	0.367	6.9	23.62
3663	40.2488	116.1979	-327.3	344	QOA3	0	0	0	0	67	41.1	2028	59	96	177	1.627	0.542	0.333	6.9	23.61
3664	40.2492	116.1979	-326.4	357	QOA3	0	0	0	0	74	41.4	1975	52	180	129	3.462	1.395	0.403	6.8	23.61
3665	40.2496	116.1979	-327.3	364	QOA3	0	0	0	0	75	41.6	2020	56	172	149	3.071	1.154	0.376	6.8	23.60
3666	40.2499	116.1979	-332.6	360	QOA3	0	0	0	0	76	41.5	2041	72	49	197	0.681	0.249	0.365	6.8	23.60
3667	40.2503	116.1980	-329.0	369	QOA3	0	0	0	0	77	41.8	2086	64	168	156	2.625	1.077	0.410	6.7	23.60
3668	40.2507	116.1980	-328.4	375	QOA3	0	0	0	0	77	41.9	2180	67	101	201	1.507	0.502	0.333	6.7	23.61
3669	40.2511	116.1980	-330.8	384	QOA3	0	0	0	0	72	42.1	2152	66	144	156	2.182	0.923	0.423	6.7	23.61
3670	40.2515	116.1980	-330.0	383	QOA3	0	0	0	0	77	42.1	2062	68	34	200	0.500	0.170	0.340	6.6	23.60
3671	40.2519	116.1980	-330.6	361	QOA3	0	0	0	0	75	41.5	2021	54	84	174	1.556	0.483	0.310	6.6	23.60
3672	40.2523	116.1980	-326.9	349	QOA3	0	0	0	0	72	41.2	2014	54	125	153	2.315	0.817	0.353	6.7	23.59
3673	40.2527	116.1980	-329.1	349	QOA3	0	0	0	0	73	45.0	2042	71	97	161	1.366	0.602	0.441	6.7	23.59
3674	40.2531	116.1980	-330.3	358	QOA3	0	0	0	0	75	45.2	2141	56	136	157	2.429	0.866	0.357	6.7	23.58
3675	40.2535	116.1980	-332.7	365	QOA3	0	0	1	0	78	45.4	1973	82	24	171	0.293	0.140	0.480	6.7	23.58
3676	40.2538	116.1981	-333.4	364	QOA3	0	0	0	0	74	45.4	1908	59	94	167	1.593	0.563	0.353	6.7	23.58
3677	40.2542	116.1981	-336.8	377	QOA3	0	0	0	0	84	45.8	2101	67	60	163	0.896	0.368	0.411	6.7	23.58
3678	40.2546	116.1981	-336.4	387	QOA3	0	0	0	0	76	46.0	2066	81	103	126	1.272	0.817	0.643	6.6	23.58
3679	40.2550	116.1981	-337.5	373	QOA3	0	0	0	0	77	45.7	1997	62	163	141	2.629	1.156	0.440	6.6	23.58
3680	40.2554	116.1981	-339.0	391	QOA3	0	0	0	0	68	46.2	2096	57	143	160	2.509	0.894	0.356	6.6	23.57
3681	40.2558	116.1981	-340.7	400	QOA3	0	0	0	0	79	46.4	2122	62	73	183	1.177	0.399	0.339	6.6	23.57
3682	40.2562	116.1981	-338.7	397	QOA3	0	0	0	0	77	46.3	2172	65	136	165	2.092	0.824	0.394	6.5	23.56
3683	40.2566	116.1981	-337.5	376	QOA3	0	0	0	0	84	45.7	2187	61	116	176	1.902	0.659	0.347	6.5	23.56
3684	40.2570	116.1981	-335.5	378	QOA3	0	0	0	0	74	45.8	2132	54	113	147	2.093	0.769	0.367	6.5	23.55
3685	40.2573	116.1982	-334.4	379	QOA3	0	0	0	0	76	45.8	2226	59	131	168	2.220	0.780	0.351	6.5	23.55
3686	40.2577	116.1982	-331.7	370	QOA3	0	0	0	0	81	45.6	2190	58	37	212	0.638	0.175	0.274	6.6	23.55
3687	40.2581	116.1982	-330.2	365	QOA3	0	0	0	0	80	45.4	2172	56	148	154	2.643	0.961	0.364	6.6	23.55
3688	40.2585	116.1982	-328.2	361	QOA3	0	0	0	0	77	45.3	2112	50	117	176	2.340	0.665	0.284	6.6	23.55
3689	40.2589	116.1982	-325.2	360	QOA3	0	0	0	0	85	45.3	2250	65	95	199	1.462	0.477	0.327	6.6	23.55
3690	40.2593	116.1982	-327.4	356	QOA3	0	0	0	0	73	45.2	2294	54	143	158	2.648	0.905	0.342	6.6	23.55
3691	40.2597	116.1982	-329.4	352	QOA3	0	0	0	0	65	45.0	2134	64	71	184	1.109	0.386	0.348	6.6	23.55
3692	40.2601	116.1982	-338.9	349	QOA3	0	0	0	0	80	51.0	1960	68	85	152	1.250	0.559	0.447	6.7	23.55
3693	40.2605	116.1982	-342.4	345	QOA3	0	0	0	0	70	50.9	2147	77	131	138	1.701	0.949	0.558	6.7	23.55
3694	40.2608	116.1983	-344.4	344	QOA3	0	0	0	0	75	50.8	2219	69	122	140	1.768	0.871	0.493	6.7	23.55
3695	40.2612	116.1983	-345.8	343	QOA3	0	0	0	0	80	50.8	2168	67	116	181	1.731	0.641	0.370	6.8	23.54
3696	40.2616	116.1983	-345.0	346	QOA3	0	0	0	0	82	50.9	2167	66	160	145	2.424	1.103	0.455	6.8	23.54
3697	40.2620	116.1983	-341.2	347	QOA3	0	0	1	0	71	50.9	2172	81	8	209	0.099	0.038	0.388	6.9	23.53
3698	40.2624	116.1983	-336.9	349	QOA3	0	0	0	0	66	51.0	2186	55	197	110	3.582	1.791	0.500	7.0	23.53
3699	40.2628	116.1983	-333.1	349	QOA3	0	0	0	0	71	51.0	2264	56	175	152	3.125	1.151	0.368	7.0	23.53
3700	40.2632	116.1983	-329.8	355	QOA3	0	0	0	0	86	51.2	2141	67	152	155	2.269	0.981	0.432	7.0	23.52
3701	40.2636	116.1983	-332.0	360	QOA3	0	0	0	0	81	51.4	2247	66	118	203	1.788	0.581	0.325	7.1	23.52
3702	40.2640	116.1983	-335.9	358	QOA3	0	0	0	0	74	51.3	2201	65	82	211	1.262	0.389	0.308	7.0	23.52
3703	40.2643	116.1983	-342.4	355	QOA3	0	0	0	0	72	51.2	2179	68	151	151	2.221	1.000	0.450	7.1	23.52
3704	40.2647	116.1984	-349.1	357	QOA3	0	0	0	0	78	51.3	2127	78	159	131	2.038	1.214	0.595	7.1	23.51
3705	40.2651	116.1984	-351.0	360	QOA3	0	0	0	0	82	51.4	2161	76	115	148	1.513	0.777	0.514	7.2	23.51
3706	40.2655	116.1984	-349.5	364	QOA3	0	0	0	0	78	51.5	2316	69	123	169	1.783	0.728	0.408	7.2	23.50
3707	40.2659	116.1984	-345.2	364	QOA3	0	0	0	0	80	51.5	2146	72	97	174	1.347	0.557	0.414	7.2	23.49
3708	40.2663	116.1984	-339.9	363	QOA3	0	0	0	0	86	51.5	2235	68	192	118	2.824	1.627	0.576	7.3	23.49
3709	40.2667	116.1984	-329.4	360	QOA3	0	0	0	0	69	51.4	2208	53	129	213	2.434	0.606	0.249	7.4	23.48

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3710	40.2671	116.1984	-320.1	359	QOA3	0	0	0	0	85	51.3	2129	69	79	185	1.145	0.427	0.373	7.5	23.48
3711	40.2675	116.1984	-311.0	364	QOA3	0	0	0	0	74	55.6	2240	51	141	173	2.765	0.815	0.295	7.5	23.47
3712	40.2678	116.1984	-303.5	366	QOA3	0	0	0	0	75	55.7	2268	60	134	164	2.233	0.817	0.366	7.5	23.46
3713	40.2682	116.1985	-300.9	367	QOA3	0	0	0	0	82	55.7	2263	72	102	177	1.417	0.576	0.407	7.5	23.46
3714	40.2686	116.1985	-295.8	376	QOA3	0	0	0	0	76	56.1	2302	71	145	136	2.042	1.066	0.522	7.5	23.44
3715	40.2690	116.1985	-290.5	383	QOA3	0	0	0	0	82	56.3	2142	67	65	183	0.970	0.355	0.366	7.6	23.44
3716	40.2694	116.1985	-286.2	387	QOA3	0	0	0	0	91	56.4	2178	68	171	164	2.515	1.043	0.415	7.6	23.43
3717	40.2698	116.1985	-275.4	385	QOA3	0	0	0	0	72	56.4	2211	69	105	169	1.522	0.621	0.408	7.7	23.43
3718	40.2702	116.1985	-269.1	384	QOA3	0	0	0	0	72	56.3	2258	60	157	130	2.617	1.208	0.462	7.7	23.43
3719	40.2706	116.1985	-266.1	382	QOA3	0	0	0	0	84	56.3	2229	70	95	167	1.357	0.569	0.419	7.8	23.43
3720	40.2710	116.1985	-257.1	380	QOA3	0	0	0	0	70	56.2	2068	47	133	183	2.830	0.727	0.257	7.8	23.42
3721	40.2713	116.1985	-242.3	377	QOA3	0	0	0	0	83	56.1	2090	57	32	216	0.561	0.148	0.264	7.9	23.43
3722	40.2717	116.1986	-227.5	376	QOA3	0	0	0	0	82	56.1	2363	61	39	223	0.639	0.175	0.274	7.9	23.43
3723	40.2721	116.1986	-215.5	373	QOA3	0	0	0	0	73	55.9	2150	51	66	234	1.294	0.282	0.218	7.8	23.42
3724	40.2725	116.1986	-208.7	372	QOA3	0	0	0	0	81	55.9	2247	51	142	180	2.784	0.789	0.283	7.8	23.42
3725	40.2729	116.1986	-207.7	369	QOA3	0	0	0	0	78	55.8	2236	69	145	148	2.101	0.980	0.466	7.7	23.42
3726	40.2733	116.1985	-206.7	364	QOA3	0	0	0	0	81	55.6	2188	64	91	165	1.422	0.552	0.388	7.7	23.43
3727	40.2736	116.1985	-209.1	366	QOA3	0	0	0	0	83	55.7	2146	56	74	176	1.321	0.420	0.318	7.6	23.43
3728	40.2740	116.1985	-208.6	371	QOA3	0	0	0	0	82	55.9	2141	59	121	151	2.051	0.801	0.391	7.6	23.43
3729	40.2744	116.1984	-205.1	366	QOA3	0	0	0	0	75	55.7	2286	94	89	199	0.947	0.447	0.472	7.6	23.43
3730	40.2747	116.1984	-204.6	358	QOA3	0	0	0	0	79	47.3	2283	70	93	205	1.329	0.454	0.341	7.7	23.42
3731	40.2751	116.1983	-210.8	357	QOA3	0	0	0	0	70	47.3	2284	59	163	150	2.763	1.087	0.393	7.7	23.42
3732	40.2755	116.1983	-221.6	353	QOA3	0	0	0	0	83	47.2	2209	73	76	195	1.041	0.390	0.374	7.7	23.42
3733	40.2758	116.1983	-242.5	353	QOA3	0	0	0	0	68	47.2	2226	55	99	209	1.800	0.474	0.263	7.7	23.41
3734	40.2762	116.1982	-258.8	350	QOA3	0	0	0	0	73	47.1	2294	73	132	154	1.808	0.857	0.474	7.7	23.41
3735	40.2766	116.1982	-271.1	341	QOA3	0	0	0	0	76	46.8	2165	62	118	160	1.903	0.737	0.387	7.7	23.41
3736	40.2770	116.1981	-278.3	337	QOA3	0	0	0	0	82	46.7	2215	55	50	212	0.909	0.236	0.259	7.8	23.41
3737	40.2773	116.1981	-285.8	332	QOA3	0	0	0	0	86	46.5	2097	68	86	174	1.265	0.494	0.391	7.7	23.41
3738	40.2777	116.1980	-299.0	329	QOA3	0	0	0	0	81	46.5	2213	67	134	164	2.000	0.817	0.409	7.7	23.40
3739	40.2781	116.1980	-315.5	328	QOA3	0	0	0	0	77	46.4	2226	66	107	187	1.621	0.572	0.353	7.7	23.39
3740	40.2784	116.1980	-328.2	330	QOA3	0	0	0	0	82	46.5	2286	80	135	169	1.688	0.799	0.473	7.7	23.39
3741	40.2788	116.1979	-339.4	333	QOA3	0	0	0	0	75	46.6	2360	67	132	222	1.970	0.595	0.302	7.7	23.39
3742	40.2792	116.1979	-340.7	322	QOA3	0	0	0	0	83	46.2	2289	56	89	232	1.589	0.384	0.241	7.7	23.38
3743	40.2795	116.1978	-339.2	314	QOA3	0	0	0	0	79	46.0	2256	65	121	230	1.862	0.526	0.283	7.6	23.37
3744	40.2799	116.1978	-337.4	316	QOA3	0	0	1	0	85	46.1	2353	83	7	254	0.084	0.028	0.327	7.6	23.37
3745	40.2803	116.1977	-337.3	327	QOA3	0	0	0	0	76	46.4	2438	83	126	197	1.518	0.640	0.421	7.6	23.36
3746	40.2806	116.1977	-338.0	329	QOA3	0	0	0	0	84	46.5	2434	63	115	221	1.825	0.520	0.285	7.6	23.36
3747	40.2810	116.1977	-337.4	333	QOA3	0	0	0	0	83	46.6	2579	63	129	226	2.048	0.571	0.279	7.6	23.35
3748	40.2814	116.1976	-340.3	335	QOA3	0	0	0	0	81	46.6	2565	71	230	208	3.239	1.106	0.341	7.6	23.34
3749	40.2817	116.1976	-342.1	325	QOA3	0	0	0	0	81	50.2	2555	72	53	310	0.736	0.171	0.232	7.5	23.33
3750	40.2821	116.1975	-345.7	313	QOA3	0	0	0	0	78	49.8	2548	77	190	212	2.468	0.896	0.363	7.5	23.32
3751	40.2825	116.1975	-345.5	299	QOA3	0	0	0	0	80	49.4	2503	83	159	232	1.916	0.685	0.358	7.5	23.32
3752	40.2828	116.1975	-346.8	283	QOA3	0	0	0	0	80	48.8	2358	67	98	291	1.463	0.337	0.230	7.5	23.30
3753	40.2832	116.1974	-348.6	276	QOA3	0	0	0	0	95	48.6	2504	53	129	280	2.434	0.461	0.189	7.5	23.29
3754	40.2836	116.1974	-349.9	270	QOA3	0	0	0	0	83	48.4	2441	61	158	264	2.590	0.598	0.231	7.4	23.27
3755	40.2839	116.1973	-351.2	262	QOA3	0	0	0	0	78	48.1	2394	71	175	201	2.465	0.871	0.353	7.4	23.26
3756	40.2843	116.1973	-351.2	258	QOA3	0	0	0	0	75	47.9	2327	73	85	265	1.164	0.321	0.275	7.4	23.25
3757	40.2847	116.1972	-351.7	273	QOA3	0	0	0	0	86	48.5	2212	58	102	203	1.759	0.502	0.286	7.4	23.24
3758	40.2850	116.1972	-352.3	295	QOA3	0	0	0	0	87	49.2	2484	82	42	263	0.512	0.160	0.312	7.4	23.23
3759	40.2854	116.1972	-354.0	296	QOA3	0	0	0	0	82	49.3	2374	79	54	237	0.684	0.228	0.333	7.4	23.22
3760	40.2858	116.1971	-354.2	291	QOA3	0	0	0	0	91	49.1	2203	51	131	228	2.569	0.575	0.224	7.3	23.21
3761	40.2862	116.1971	-355.7	288	QOA3	0	0	0	0	85	49.0	2195	65	74	237	1.138	0.312	0.274	7.3	23.20
3762	40.2865	116.1970	-354.6	293	QOA3	0	0	0	0	96	49.2	2291	72	116	195	1.611	0.595	0.369	7.2	23.19
3763	40.2869	116.1970	-354.6	291	QOA3	0	0	0	0	78	49.1	2089	50	202	196	4.040	1.031	0.255	7.2	23.18

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3764	40.2873	116.1970	-356.0	299	QOA3	0	0	0	0	84	49.4	2229	69	96	197	1.391	0.487	0.350	7.2	23.18
3765	40.2876	116.1969	-352.7	302	QOA3	0	0	0	0	74	49.5	2236	80	121	180	1.513	0.672	0.444	7.2	23.16
3766	40.2880	116.1969	-352.7	293	QOA3	0	0	0	0	75	49.1	2196	56	125	196	2.232	0.638	0.286	7.2	23.15
3767	40.2884	116.1968	-352.0	281	QOA3	0	0	0	0	75	48.7	2165	72	119	196	1.653	0.607	0.367	7.2	23.15
3768	40.2887	116.1968	-352.3	272	QOA3	0	0	0	0	85	40.8	2102	59	153	166	2.593	0.922	0.355	7.2	23.14
3769	40.2891	116.1967	-351.0	274	QOA3	0	0	0	0	88	40.9	2171	55	118	229	2.145	0.515	0.240	7.2	23.13
3770	40.2895	116.1967	-351.2	284	QOA3	0	0	0	0	78	41.1	2149	69	90	213	1.304	0.423	0.324	7.2	23.13
3771	40.2898	116.1967	-350.2	308	QOA3	0	0	0	0	85	41.9	2206	50	112	220	2.240	0.509	0.227	7.2	23.12
3772	40.2902	116.1966	-350.2	331	QOA3	0	0	0	0	73	42.5	2268	68	122	212	1.794	0.575	0.321	7.1	23.12
3773	40.2906	116.1966	-349.3	365	QOA3	0	0	0	0	78	43.4	2362	66	130	212	1.970	0.613	0.311	7.2	23.12
3774	40.2909	116.1965	-347.9	383	QOA3	0	0	0	0	77	43.9	2373	82	169	176	2.061	0.960	0.466	7.2	23.12
3775	40.2913	116.1965	-347.5	364	QOA3	0	0	0	0	83	43.4	2305	71	129	208	1.817	0.620	0.341	7.3	23.12
3776	40.2917	116.1964	-348.5	339	QOA3	0	0	0	0	85	42.7	2226	80	96	195	1.200	0.492	0.410	7.3	23.11
3777	40.2920	116.1964	-352.1	314	QOA3	0	0	0	0	81	42.0	2232	57	197	200	3.456	0.985	0.285	7.3	23.10
3778	40.2924	116.1964	-356.3	292	QOA3	0	0	0	0	85	41.4	2196	64	70	229	1.094	0.306	0.279	7.4	23.10
3779	40.2928	116.1963	-358.9	268	QOA3	0	0	0	0	87	40.7	2057	72	110	185	1.528	0.595	0.389	7.3	23.09
3780	40.2931	116.1963	-353.6	273	QOA3	0	0	0	0	82	40.8	2205	74	97	186	1.311	0.522	0.398	7.3	23.08
3781	40.2935	116.1962	-352.0	307	QOA3	0	0	0	0	83	41.8	2226	62	87	219	1.403	0.397	0.283	7.4	23.08
3782	40.2939	116.1962	-351.1	356	KJD	0	0	1	0	83	43.2	2286	62	26	236	0.419	0.110	0.263	7.4	23.07
3783	40.2942	116.1962	-348.7	398	KJD	0	0	0	0	77	44.3	2465	84	119	196	1.417	0.607	0.429	7.3	23.07
3784	40.2946	116.1961	-348.8	414	KJD	0	0	0	0	87	44.7	2312	76	53	251	0.697	0.211	0.303	7.4	23.07
3785	40.2950	116.1961	-346.5	410	KJD	0	0	0	0	85	44.6	2423	68	112	198	1.647	0.566	0.343	7.4	23.07
3786	40.2954	116.1960	-344.2	407	KJD	0	0	0	0	84	44.6	2317	70	110	173	1.571	0.636	0.405	7.3	23.08
3787	40.2957	116.1960	-343.2	405	KJD	0	0	0	0	95	40.0	2301	60	81	246	1.350	0.329	0.244	7.4	23.08
3788	40.2961	116.1959	-342.4	409	KJD	0	0	0	0	87	40.2	2202	57	131	194	2.298	0.675	0.294	7.4	23.08
3789	40.2965	116.1959	-340.5	422	KJD	0	0	0	0	80	40.5	2252	65	122	183	1.877	0.667	0.355	7.4	23.08
3790	40.2968	116.1959	-330.5	450	KJD	0	0	0	0	88	41.1	2119	67	58	177	0.866	0.328	0.379	7.4	23.09
3791	40.2972	116.1958	-323.7	481	KJD	0	0	0	0	84	41.8	2125	47	134	156	2.851	0.859	0.301	7.4	23.09
3792	40.2976	116.1958	-319.6	492	KJD	0	0	0	0	77	42.0	2066	52	128	156	2.462	0.821	0.333	7.4	23.09
3793	40.2979	116.1957	-313.0	495	KJD	0	0	0	0	86	42.1	2001	59	124	119	2.102	1.042	0.496	7.4	23.08
3794	40.2983	116.1957	-315.7	498	KJD	0	0	0	0	77	42.1	1973	57	119	125	2.088	0.952	0.456	7.4	23.09
3795	40.2987	116.1957	-319.5	517	KJD	0	0	0	0	95	42.5	1949	42	130	136	3.095	0.956	0.309	7.5	23.09
3796	40.2990	116.1956	-326.9	555	KJD	0	0	0	0	82	43.3	2152	57	91	177	1.596	0.514	0.322	7.5	23.09
3797	40.2994	116.1956	-335.2	569	KJD	0	0	0	0	72	43.6	2220	40	155	126	3.875	1.230	0.317	7.5	23.08
3798	40.2998	116.1955	-343.5	563	KJD	0	0	0	0	88	43.4	2106	27	111	209	4.111	0.531	0.129	7.5	23.06
3799	40.3001	116.1955	-348.9	560	KJD	0	0	0	0	77	43.4	2074	43	123	164	2.860	0.750	0.262	7.5	23.06
3800	40.3005	116.1955	-351.8	546	KJD	0	0	0	0	88	43.1	2121	51	88	189	1.725	0.466	0.270	7.5	23.04
3801	40.3008	116.1955	-354.1	500	KJD	0	0	0	0	88	42.2	1929	26	123	153	4.731	0.804	0.170	7.4	23.03
3802	40.3012	116.1955	-353.0	500	KJD	0	0	0	0	78	42.2	2097	58	105	118	1.810	0.890	0.492	7.5	23.03
3803	40.3015	116.1955	-351.3	492	KJD	0	0	0	0	77	42.0	1980	62	104	108	1.677	0.963	0.574	7.4	23.01
3804	40.3018	116.1955	-348.2	491	KJD	0	0	0	0	89	42.0	1838	52	50	151	0.962	0.331	0.344	7.4	23.00
3805	40.3022	116.1956	-347.9	490	KJD	0	0	0	0	82	42.0	1921	69	77	100	1.116	0.770	0.690	7.4	22.99
3806	40.3025	116.1956	-345.4	488	KJD	0	0	0	0	84	34.5	1933	39	174	50	4.462	3.480	0.780	7.4	22.98
3807	40.3029	116.1956	-345.1	478	KJD	0	0	0	0	88	34.4	1774	47	70	137	1.489	0.511	0.343	7.3	22.96
3808	40.3032	116.1956	-344.5	457	KJD	0	0	0	0	84	34.0	1573	32	127	77	3.969	1.649	0.416	7.3	22.95
3809	40.3036	116.1956	-347.4	435	KJD	0	0	0	0	89	33.6	1747	49	70	102	1.429	0.686	0.480	7.2	22.94
3810	40.3039	116.1956	-346.5	414	KJD	0	0	0	0	93	33.2	1604	34	131	68	3.853	1.926	0.500	7.2	22.94
3811	40.3043	116.1956	-346.3	397	KJD	0	0	0	0	85	32.8	1564	43	114	56	2.651	2.036	0.768	7.1	22.92
3812	40.3046	116.1956	-345.4	405	KJD	0	0	0	0	92	33.0	1564	41	100	72	2.439	1.389	0.569	7.1	22.91
3813	40.3050	116.1956	-346.4	434	KJD	0	0	0	0	86	33.5	1716	46	129	77	2.804	1.675	0.597	7.1	22.89
3814	40.3053	116.1956	-347.2	452	KJD	0	0	0	0	77	33.9	1743	47	122	80	2.596	1.525	0.587	7.1	22.88
3815	40.3056	116.1956	-344.6	484	KJD	0	0	0	0	77	34.4	1867	51	108	73	2.118	1.479	0.699	7.1	22.86
3816	40.3060	116.1956	-344.7	494	KJD	0	0	0	0	82	34.6	1823	49	82	112	1.673	0.732	0.438	7.0	22.84
3817	40.3063	116.1956	-342.1	494	KJD	0	0	0	0	94	34.6	1764	39	144	101	3.692	1.426	0.386	6.9	22.83

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3818	40.3067	116.1956	-341.8	492	KJD	0	0	0	0	93	34.6	1925	49	104	103	2.122	1.010	0.476	6.9	22.83
3819	40.3070	116.1956	-339.4	478	KJD	0	0	0	0	92	34.4	2063	45	124	141	2.756	0.879	0.319	6.9	22.82
3820	40.3074	116.1956	-339.0	463	KJD	0	0	0	0	86	34.1	1864	55	39	167	0.709	0.234	0.329	6.7	22.81
3821	40.3077	116.1956	-337.7	456	KJD	0	0	0	0	92	34.0	1990	62	77	148	1.242	0.520	0.419	6.8	22.80
3822	40.3081	116.1956	-337.0	438	KJD	0	0	0	0	84	33.6	2039	57	59	191	1.035	0.309	0.298	6.7	22.79
3823	40.3084	116.1956	-336.1	419	KJD	0	0	0	0	77	33.3	1995	74	112	107	1.514	1.047	0.692	6.7	22.78
3824	40.3088	116.1956	-333.6	391	KJD	0	0	0	0	98	32.7	2027	65	98	156	1.508	0.628	0.417	6.7	22.76
3825	40.3091	116.1956	-333.0	358	KJD	0	0	0	0	92	38.6	2028	77	93	126	1.208	0.738	0.611	6.6	22.75
3826	40.3095	116.1956	-329.4	336	KJD	0	0	0	0	89	38.0	2020	61	127	141	2.082	0.901	0.433	6.6	22.72
3827	40.3098	116.1956	-327.8	313	KJD	0	0	0	0	85	37.5	1962	63	112	132	1.778	0.848	0.477	6.5	22.71
3828	40.3101	116.1956	-327.9	291	KJD	0	0	0	0	91	36.9	1959	62	127	92	2.048	1.380	0.674	6.4	22.70
3829	40.3105	116.1956	-325.9	276	KJD	0	0	0	0	98	36.5	1763	56	151	89	2.696	1.697	0.629	6.3	22.68
3830	40.3108	116.1956	-324.2	266	KJD	0	0	0	0	84	36.2	1945	74	52	164	0.703	0.317	0.451	6.4	22.66
3831	40.3112	116.1956	-326.7	264	KJD	0	0	0	0	83	36.2	2024	75	88	137	1.173	0.642	0.547	6.2	22.64
3832	40.3115	116.1956	-326.9	260	KJD	0	0	0	0	104	36.0	1955	58	103	138	1.776	0.746	0.420	6.1	22.63
3833	40.3119	116.1957	-327.7	249	KJD	0	0	0	0	85	35.8	1922	56	118	161	2.107	0.733	0.348	6.1	22.61
3834	40.3122	116.1957	-329.5	233	KJD	0	0	0	0	90	35.3	2055	56	75	192	1.339	0.391	0.292	6.0	22.61
3835	40.3126	116.1957	-331.1	220	KJD	0	0	1	0	92	34.9	2122	84	-12	215	-0.143	-0.056	0.391	5.9	22.59
3836	40.3129	116.1957	-334.1	211	KJD	0	0	0	0	85	34.7	2095	79	97	165	1.228	0.588	0.479	5.8	22.58
3837	40.3133	116.1957	-335.2	215	KJD	0	0	0	0	88	34.8	2295	62	128	194	2.065	0.660	0.320	5.8	22.57
3838	40.3136	116.1957	-338.9	213	KJD	0	0	0	0	89	34.7	2192	82	70	185	0.854	0.378	0.443	5.6	22.56
3839	40.3140	116.1957	-339.7	205	KJD	0	0	0	0	108	34.5	2233	66	106	155	1.606	0.684	0.426	5.6	22.55
3840	40.3143	116.1957	-341.9	198	KJD	0	0	0	0	93	34.3	2181	78	49	185	0.628	0.265	0.422	5.4	22.54
3841	40.3146	116.1957	-343.4	192	KJD	0	0	0	0	95	34.2	1976	70	38	149	0.543	0.255	0.470	5.3	22.54
3842	40.3150	116.1957	-344.9	190	KJD	0	0	0	0	96	34.1	2175	69	152	144	2.203	1.056	0.479	5.2	22.53
3843	40.3153	116.1957	-346.4	207	KJD	0	0	0	0	89	34.6	2108	80	115	151	1.438	0.762	0.530	5.2	22.52
3844	40.3157	116.1957	-346.4	232	KJD	0	0	0	0	92	45.2	2228	69	140	181	2.029	0.773	0.381	5.0	22.52
3845	40.3160	116.1957	-346.4	255	KJD	0	0	0	0	91	46.0	2318	76	83	185	1.092	0.449	0.411	4.9	22.51
3846	40.3164	116.1957	-346.0	271	KJD	0	0	0	0	88	46.5	2398	78	77	202	0.987	0.381	0.386	4.8	22.51
3847	40.3167	116.1957	-347.0	288	KJD	0	0	0	0	84	47.1	2378	53	214	157	4.038	1.363	0.338	4.8	22.51
3848	40.3171	116.1957	-344.3	303	KJD	0	0	0	0	88	47.6	2375	73	114	214	1.562	0.533	0.341	4.7	22.52
3849	40.3174	116.1957	-342.1	327	KJD	0	0	0	0	90	48.4	2441	72	159	191	2.208	0.832	0.377	4.7	22.51
3850	40.3178	116.1957	-342.1	344	KJD	0	0	0	0	88	48.9	2347	64	64	238	1.000	0.269	0.269	4.6	22.51
3851	40.3181	116.1957	-339.7	357	KJD	0	0	0	0	101	49.3	2461	103	97	194	0.942	0.500	0.531	4.5	22.52
3852	40.3184	116.1957	-340.2	377	KJD	0	0	0	0	100	50.0	2420	86	43	242	0.500	0.178	0.355	4.5	22.51
3853	40.3188	116.1957	-339.6	380	KJD	0	0	0	0	88	50.0	2552	68	81	242	1.191	0.335	0.281	4.4	22.51
3854	40.3191	116.1957	-339.3	345	KJD	0	0	0	0	100	49.0	2279	62	157	211	2.532	0.744	0.294	4.3	22.50
3855	40.3195	116.1957	-338.8	311	KJD	0	0	0	0	91	47.9	2214	51	94	250	1.843	0.376	0.204	4.3	22.49
3856	40.3198	116.1957	-338.2	288	KJD	0	0	0	0	92	47.1	2114	64	138	185	2.156	0.746	0.346	4.3	22.48
3857	40.3202	116.1957	-335.1	297	KJD	0	0	0	0	100	47.4	2162	99	48	202	0.533	0.238	0.446	4.3	22.48
3858	40.3205	116.1957	-334.0	326	KJD	0	0	0	0	100	48.4	2225	49	122	172	2.490	0.709	0.285	4.2	22.48
3859	40.3209	116.1957	-332.9	361	KJD	0	0	0	0	96	49.5	2232	57	111	198	1.947	0.561	0.288	4.2	22.48
3860	40.3212	116.1958	-331.7	407	KJD	0	0	1	0	92	50.9	2253	94	14	215	0.149	0.065	0.437	4.2	22.47
3861	40.3216	116.1958	-330.7	458	KJD	0	0	0	0	101	52.3	2442	53	163	220	3.075	0.741	0.241	4.3	22.47
3862	40.3219	116.1958	-331.1	492	KJD	0	0	0	0	97	53.3	2387	80	142	156	1.775	0.910	0.513	4.2	22.47
3863	40.3223	116.1958	-328.0	498	KJD	0	0	0	0	92	53.8	2385	83	91	130	1.096	0.700	0.638	4.2	22.48
3864	40.3226	116.1958	-326.3	520	KJD	0	0	0	0	94	54.4	2281	52	89	188	1.712	0.473	0.277	4.2	22.48
3865	40.3229	116.1958	-325.0	550	KJD	0	0	0	0	99	55.1	2609	70	108	223	1.543	0.484	0.314	4.2	22.49
3866	40.3233	116.1958	-324.8	565	KJD	0	0	0	0	93	55.5	2403	60	104	180	1.733	0.578	0.333	4.1	22.49
3867	40.3236	116.1958	-322.8	585	KJD	0	0	0	0	90	56.0	2454	54	90	191	1.667	0.471	0.283	4.1	22.50
3868	40.3240	116.1958	-320.7	615	KJD	0	0	0	0	97	56.8	2463	44	141	230	3.205	0.613	0.191	4.1	22.51
3869	40.3243	116.1958	-319.0	633	KJD	0	0	0	0	83	57.2	2457	58	82	245	1.414	0.335	0.237	4.0	22.52
3870	40.3247	116.1958	-318.8	654	KJD	0	0	0	0	89	57.7	2475	44	135	224	3.068	0.603	0.196	4.0	22.52
3871	40.3250	116.1958	-316.9	702	KJD	1	0	0	0	96	58.7	2635	62	114	251	1.839	0.454	0.247	3.9	22.53

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3872	40.3254	116.1958	-317.4	714	KJD	1	0	0	0	86	59.0	2662	68	96	250	1.412	0.384	0.272	3.8	22.54
3873	40.3257	116.1958	-317.4	740	KJD	1	0	0	0	96	59.5	2604	65	69	235	1.062	0.294	0.277	3.8	22.54
3874	40.3261	116.1958	-317.0	755	KJD	1	0	0	0	94	59.8	2507	70	60	247	0.857	0.243	0.283	3.7	22.54
3875	40.3264	116.1958	-318.8	763	KJD	1	0	0	0	93	60.0	2581	50	149	222	2.980	0.671	0.225	3.6	22.54
3876	40.3267	116.1958	-317.4	784	KJD	1	0	0	0	88	60.4	2653	62	95	224	1.532	0.424	0.277	3.5	22.55
3877	40.3271	116.1958	-318.2	794	KJD	1	0	0	0	90	60.6	2606	62	76	224	1.226	0.339	0.277	3.5	22.55
3878	40.3274	116.1958	-318.2	814	KJD	1	0	0	0	96	61.0	2469	51	111	250	2.176	0.444	0.204	3.5	22.55
3879	40.3278	116.1958	-321.5	833	KJD	1	0	0	0	82	61.4	2625	57	93	340	1.632	0.274	0.168	3.5	22.56
3880	40.3281	116.1958	-321.5	829	KJD	1	0	0	0	84	61.3	2685	62	91	208	1.468	0.438	0.298	3.5	22.56
3881	40.3285	116.1958	-321.0	785	KJD	1	0	0	0	96	60.4	2491	56	108	137	1.929	0.788	0.409	3.4	22.56
3882	40.3288	116.1958	-322.0	780	KJD	1	0	0	0	85	59.4	2473	37	164	215	4.432	0.763	0.172	3.4	22.57
3883	40.3292	116.1958	-322.2	811	KJD	1	0	0	0	94	60.0	2541	57	102	254	1.789	0.402	0.224	3.4	22.57
3884	40.3295	116.1958	-323.1	844	KJD	1	0	0	0	81	60.6	2461	88	41	220	0.466	0.186	0.400	3.3	22.58
3885	40.3299	116.1958	-323.0	883	KJD	1	0	0	0	99	61.3	2631	78	104	230	1.333	0.452	0.339	3.4	22.58
3886	40.3303	116.1958	-322.7	883	KJD	1	0	0	0	95	61.3	2402	35	139	126	3.971	1.103	0.278	3.3	22.58
3887	40.3307	116.1958	-326.0	878	KJD	1	0	0	0	84	61.2	2509	103	72	170	0.699	0.424	0.606	3.3	22.58
3888	40.3311	116.1958	-327.1	836	KJD	1	0	0	0	95	60.4	2480	39	120	233	3.077	0.515	0.167	3.2	22.57
3889	40.3316	116.1958	-326.1	795	KJD	1	0	0	0	98	59.7	2491	49	105	166	2.143	0.633	0.295	3.2	22.57
3890	40.3320	116.1958	-325.9	763	KJD	1	0	0	0	96	59.0	2642	72	119	185	1.653	0.643	0.389	3.2	22.57
3891	40.3324	116.1958	-326.3	736	KJD	1	0	1	0	98	58.5	2518	82	32	196	0.390	0.163	0.418	3.1	22.57
3892	40.3328	116.1958	-327.7	718	KJD	1	0	1	0	87	58.1	2688	76	15	312	0.197	0.048	0.244	3.1	22.56
3893	40.3332	116.1959	-325.7	691	KJD	0	0	0	0	101	57.6	2740	71	114	238	1.606	0.479	0.298	3.0	22.55
3894	40.3336	116.1959	-326.6	664	KJD	0	0	0	0	102	57.0	2522	29	195	202	6.724	0.965	0.144	3.0	22.55
3895	40.3340	116.1959	-326.8	661	KJD	0	0	0	0	89	56.9	2683	55	192	242	3.491	0.793	0.227	3.0	22.54
3896	40.3344	116.1959	-325.9	657	KJD	0	0	0	0	99	56.8	2793	42	109	327	2.595	0.333	0.128	3.0	22.53
3897	40.3348	116.1959	-323.7	635	KJD	0	0	0	0	89	56.3	2781	62	167	199	2.694	0.839	0.312	2.9	22.52
3898	40.3352	116.1959	-323.7	605	KJD	0	0	0	0	87	55.6	2619	83	38	281	0.458	0.135	0.295	2.9	22.51
3899	40.3356	116.1959	-321.3	560	KJD	0	0	0	0	95	54.5	2584	49	146	244	2.980	0.598	0.201	2.8	22.50
3900	40.3360	116.1959	-321.1	527	KJD	0	0	0	0	85	53.7	2506	70	99	178	1.414	0.556	0.393	2.8	22.50
3901	40.3365	116.1959	-321.0	500	KJD	0	0	0	0	84	51.5	2429	43	203	132	4.721	1.538	0.326	2.8	22.49
3902	40.3369	116.1959	-318.5	494	KJD	0	0	0	0	92	51.4	2500	79	71	223	0.899	0.318	0.354	2.7	22.48
3903	40.3373	116.1959	-318.9	479	KJD	0	0	0	0	84	51.0	2559	91	97	166	1.066	0.584	0.548	2.7	22.47
3904	40.3377	116.1959	-317.9	444	KJD	0	0	0	0	88	50.1	2323	84	144	163	1.714	0.883	0.515	2.7	22.46
3905	40.3381	116.1959	-318.9	407	KJD	0	0	0	0	90	49.0	2351	73	158	165	2.164	0.958	0.442	2.6	22.46
3906	40.3385	116.1959	-320.7	369	KJD	0	0	0	0	92	47.9	2266	77	66	172	0.857	0.384	0.448	2.6	22.44
3907	40.3389	116.1959	-323.7	338	KJD	0	0	0	0	101	47.0	2180	69	109	137	1.580	0.796	0.504	2.5	22.43
3908	40.3393	116.1959	-324.9	309	KJD	0	0	0	0	90	46.1	2024	65	68	138	1.046	0.493	0.471	2.4	22.42
3909	40.3397	116.1959	-326.1	278	KJD	0	0	0	0	98	45.1	1963	67	57	160	0.851	0.356	0.419	2.4	22.41
3910	40.3401	116.1959	-326.1	251	KJD	0	0	0	0	100	44.2	1964	90	41	102	0.456	0.402	0.882	2.4	22.40
3911	40.3405	116.1959	-328.2	231	KJD	0	0	0	0	104	43.5	1915	53	106	106	2.000	1.000	0.500	2.4	22.39
3912	40.3409	116.1959	-328.1	237	KJD	0	0	0	0	92	43.7	1899	60	103	124	1.717	0.831	0.484	2.4	22.40
3913	40.3413	116.1959	-328.7	256	KJD	0	0	0	0	93	44.4	1872	61	47	137	0.770	0.343	0.445	2.3	22.39
3914	40.3418	116.1959	-328.2	285	KJD	0	0	0	0	92	45.3	1913	55	127	77	2.309	1.649	0.714	2.3	22.40
3915	40.3422	116.1959	-327.6	322	KJD	0	0	0	0	81	46.5	2051	69	84	149	1.217	0.564	0.463	2.2	22.40
3916	40.3426	116.1959	-328.3	359	KJD	0	0	0	0	90	47.6	2129	63	54	165	0.857	0.327	0.382	2.2	22.41
3917	40.3430	116.1959	-329.0	391	KJD	0	0	0	0	94	48.6	2088	58	115	150	1.983	0.767	0.387	2.1	22.42
3918	40.3434	116.1959	-327.4	428	KJD	0	0	0	0	94	49.6	2069	37	120	190	3.243	0.632	0.195	2.1	22.42
3919	40.3438	116.1959	-326.5	468	KJD	0	0	0	0	101	50.7	2281	62	107	154	1.726	0.695	0.403	2.1	22.42
3920	40.3442	116.1959	-326.8	496	KJD	0	0	0	0	91	52.0	2456	49	130	196	2.653	0.663	0.250	2.1	22.43
3921	40.3446	116.1959	-327.1	516	KJD	0	0	0	0	103	52.5	2378	64	124	197	1.938	0.629	0.325	2.0	22.42
3922	40.3450	116.1959	-326.1	570	KJD	0	0	0	0	95	53.8	2366	55	131	209	2.382	0.627	0.263	2.0	22.42
3923	40.3454	116.1959	-321.0	642	KJD	0	0	0	0	87	55.5	2523	49	122	224	2.490	0.545	0.219	2.1	22.43
3924	40.3458	116.1959	-321.3	692	KJD	0	0	0	0	91	56.6	2629	49	124	355	2.531	0.349	0.138	2.1	22.44
3925	40.3462	116.1959	-320.1	739	KJD	1	0	0	0	93	57.5	2777	83	55	319	0.663	0.172	0.260	2.2	22.44

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3926	40.3466	116.1959	-318.9	795	KJD	1	0	0	0	99	58.6	2969	39	251	256	6.436	0.980	0.152	2.3	22.45
3927	40.3471	116.1959	-316.7	814	KJD	1	0	0	0	96	59.0	2898	27	175	357	6.481	0.490	0.076	2.2	22.45
3928	40.3475	116.1959	-317.3	795	KJD	1	0	0	0	92	58.6	3058	66	165	284	2.500	0.581	0.232	2.2	22.46
3929	40.3479	116.1959	-317.2	718	KJD	1	0	0	0	89	57.1	2628	59	81	242	1.373	0.335	0.244	2.2	22.46
3930	40.3483	116.1959	-317.9	630	KJD	0	0	0	0	81	55.2	2620	67	202	193	3.015	1.047	0.347	2.3	22.47
3931	40.3487	116.1959	-317.7	565	KJD	0	0	0	0	94	53.7	2486	49	174	162	3.551	1.074	0.302	2.3	22.47
3932	40.3491	116.1959	-318.8	512	KJD	0	0	0	0	89	52.4	2407	51	176	233	3.451	0.755	0.219	2.3	22.47
3933	40.3495	116.1959	-319.2	493	KJD	0	0	0	0	98	51.9	2436	64	181	200	2.828	0.905	0.320	2.3	22.48
3934	40.3499	116.1959	-318.9	492	KJD	0	0	0	0	95	51.9	2493	47	149	224	3.170	0.665	0.210	2.3	22.48
3935	40.3503	116.1959	-317.4	495	KJD	0	0	0	0	89	51.9	2640	56	134	247	2.393	0.543	0.227	2.3	22.48
3936	40.3507	116.1959	-319.8	499	KJD	0	0	0	0	93	52.0	2586	83	88	259	1.060	0.340	0.320	2.3	22.48
3937	40.3511	116.1959	-318.8	504	KJD	0	0	0	0	83	52.2	2728	53	191	264	3.604	0.723	0.201	2.2	22.48
3938	40.3515	116.1959	-317.8	497	KJD	0	0	0	0	86	52.0	2491	39	176	251	4.513	0.701	0.155	2.3	22.47
3939	40.3520	116.1959	-318.6	492	KJD	0	0	0	0	87	45.8	2618	60	213	233	3.550	0.914	0.258	2.4	22.47
3940	40.3524	116.1959	-316.3	487	KJD	0	0	0	0	101	45.6	2617	51	215	233	4.216	0.923	0.219	2.4	22.47
3941	40.3528	116.1959	-318.8	490	KJD	0	0	0	0	91	45.7	2477	69	119	255	1.725	0.467	0.271	2.4	22.48
3942	40.3532	116.1959	-315.7	498	KJD	0	0	0	0	97	45.9	2326	44	198	199	4.500	0.995	0.221	2.5	22.48
3943	40.3536	116.1959	-316.0	546	KJD	0	0	0	0	83	47.0	2505	49	126	302	2.571	0.417	0.162	2.5	22.49
3944	40.3540	116.1959	-315.1	648	KJD	0	0	0	0	95	49.1	2726	61	121	330	1.984	0.367	0.185	2.6	22.48
3945	40.3544	116.1959	-311.7	726	KJD	1	0	0	0	101	50.5	2751	47	122	289	2.596	0.422	0.163	2.6	22.49
3946	40.3548	116.1959	-308.6	825	KJD	1	0	0	0	86	52.2	3130	74	145	473	1.959	0.307	0.156	2.6	22.49
3947	40.3552	116.1959	-308.8	858	KJD	1	0	0	0	96	52.7	3145	72	85	435	1.181	0.195	0.166	2.6	22.49
3948	40.3556	116.1959	-306.4	845	KJD	1	0	0	0	93	52.5	3177	66	181	400	2.742	0.453	0.165	2.7	22.49
3949	40.3560	116.1959	-307.9	777	KJD	1	0	0	0	89	51.4	3118	66	202	268	3.061	0.754	0.246	2.7	22.50
3950	40.3564	116.1959	-307.6	694	KJD	0	0	0	0	102	49.9	2725	55	171	262	3.109	0.653	0.210	2.7	22.51
3951	40.3568	116.1959	-306.7	618	KJD	0	0	0	0	92	48.5	2626	48	161	269	3.354	0.599	0.178	2.7	22.52
3952	40.3573	116.1959	-306.9	558	KJD	0	0	0	0	92	47.2	2443	50	195	193	3.900	1.010	0.259	2.7	22.52
3953	40.3577	116.1959	-304.2	514	KJD	0	0	0	0	84	46.3	2319	56	61	277	1.089	0.220	0.202	2.8	22.53
3954	40.3581	116.1959	-303.1	533	KJD	0	0	0	0	91	46.7	2593	78	104	233	1.333	0.446	0.335	2.9	22.54
3955	40.3585	116.1959	-299.2	576	KJD	0	0	0	0	86	47.6	2508	51	88	289	1.725	0.304	0.176	2.9	22.54
3956	40.3589	116.1959	-296.8	652	KJD	0	0	0	0	91	49.1	2484	56	185	208	3.304	0.889	0.269	3.0	22.54
3957	40.3593	116.1959	-293.1	698	KJD	0	0	0	0	86	50.0	2836	71	226	222	3.183	1.018	0.320	3.0	22.55
3958	40.3597	116.1959	-290.8	699	KJD	0	0	0	0	95	49.3	2692	69	149	222	2.159	0.671	0.311	3.1	22.55
3959	40.3601	116.1959	-282.1	661	KJD	0	0	0	0	93	48.6	2608	69	132	137	1.913	0.964	0.504	3.1	22.56
3960	40.3605	116.1959	-273.7	616	KJD	0	0	0	0	95	47.7	2471	56	176	171	3.143	1.029	0.327	3.1	22.57
3961	40.3609	116.1959	-271.4	651	KJD	0	0	0	0	86	48.4	2389	64	66	199	1.031	0.332	0.322	3.2	22.59
3962	40.3613	116.1959	-278.9	707	KJD	1	0	0	0	90	49.5	2691	72	63	245	0.875	0.257	0.294	3.2	22.59
3963	40.3617	116.1959	-288.2	816	KJD	1	0	0	0	100	51.3	2517	50	188	171	3.760	1.099	0.292	3.3	22.60
3964	40.3621	116.1959	-291.8	918	KJD	1	0	0	0	91	52.8	2833	84	141	230	1.679	0.613	0.365	3.3	22.61
3965	40.3626	116.1959	-295.8	948	KJD	1	0	0	0	86	53.3	2615	51	197	195	3.863	1.010	0.262	3.4	22.61
3966	40.3630	116.1959	-297.4	958	KJD	1	0	0	0	95	53.4	2633	55	81	264	1.473	0.307	0.208	3.5	22.62
3967	40.3634	116.1959	-296.9	933	KJD	1	0	0	0	87	53.1	2626	52	189	173	3.635	1.092	0.301	3.6	22.64
3968	40.3638	116.1959	-292.1	871	KJD	1	0	0	0	92	52.2	2437	69	76	269	1.101	0.283	0.257	3.7	22.66
3969	40.3642	116.1959	-294.6	838	KJD	1	0	0	0	88	51.7	2247	60	98	155	1.633	0.632	0.387	3.8	22.68
3970	40.3646	116.1959	-291.2	850	KJD	1	0	0	0	95	51.8	2359	72	139	158	1.931	0.880	0.456	3.9	22.70
3971	40.3650	116.1959	-290.8	903	KJD	1	0	0	0	93	52.6	2392	59	147	169	2.492	0.870	0.349	4.0	22.71
3972	40.3654	116.1960	-288.9	947	KJD	1	0	1	0	85	53.3	2417	82	15	241	0.183	0.062	0.340	4.1	22.73
3973	40.3658	116.1960	-290.5	987	KJD	1	0	0	0	83	53.8	2706	78	62	300	0.795	0.207	0.260	4.2	22.74
3974	40.3662	116.1960	-291.7	1024	KJD	2	0	0	0	84	54.3	2733	63	66	318	1.048	0.208	0.198	4.3	22.76
3975	40.3666	116.1960	-289.7	1021	KJD	2	0	0	0	89	54.2	2909	93	58	292	0.624	0.199	0.318	4.3	22.78
3976	40.3670	116.1960	-289.5	973	KJD	1	0	0	0	85	53.6	2882	54	154	228	2.852	0.675	0.237	4.3	22.79
3977	40.3674	116.1960	-288.9	873	KJD	1	0	0	0	93	41.6	2401	66	134	127	2.030	1.055	0.520	4.3	22.81
3978	40.3679	116.1960	-289.7	798	KJD	1	0	0	0	83	40.6	2392	46	149	216	3.239	0.690	0.213	4.4	22.83
3979	40.3683	116.1960	-289.8	746	KJD	1	0	0	0	90	39.9	2320	66	86	189	1.303	0.455	0.349	4.4	22.83

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
3980	40.3687	116.1960	-290.9	703	KJD	1	0	0	0	82	39.3	2395	51	130	200	2.549	0.650	0.255	4.4	22.84
3981	40.3691	116.1960	-292.1	654	KJD	0	0	0	0	87	38.6	2157	75	138	97	1.840	1.423	0.773	4.4	22.84
3982	40.3695	116.1960	-291.6	619	KJD	0	0	0	0	96	38.1	2111	56	90	156	1.607	0.577	0.359	4.4	22.83
3983	40.3699	116.1960	-292.0	568	KJD	0	0	0	0	89	37.2	2126	40	141	164	3.525	0.860	0.244	4.5	22.82
3984	40.3703	116.1960	-293.6	582	KJD	0	0	0	0	85	37.5	2200	72	112	141	1.556	0.794	0.511	4.5	22.83
3985	40.3707	116.1960	-292.5	585	KJD	0	0	0	0	88	37.5	2390	55	124	192	2.255	0.646	0.286	4.6	22.84
3986	40.3711	116.1960	-294.6	544	KJD	0	0	0	0	90	36.8	2259	58	107	235	1.845	0.455	0.247	4.7	22.85
3987	40.3715	116.1960	-294.5	495	KJD	0	0	0	0	90	36.0	2113	43	184	153	4.279	1.203	0.281	4.7	22.87
3988	40.3719	116.1960	-295.4	464	KJD	0	0	0	0	73	35.4	2336	47	144	221	3.064	0.652	0.213	4.8	22.89
3989	40.3723	116.1960	-294.3	421	KJD	0	0	0	0	89	34.6	2258	53	192	146	3.623	1.315	0.363	4.9	22.90
3990	40.3728	116.1960	-294.4	407	KJD	0	0	0	0	87	34.3	2115	49	123	170	2.510	0.724	0.288	4.9	22.91
3991	40.3732	116.1960	-297.8	437	KJD	0	0	0	0	93	34.9	2179	58	94	215	1.621	0.437	0.270	4.9	22.92
3992	40.3736	116.1960	-297.3	469	KJD	0	0	0	0	84	35.5	2302	68	89	228	1.309	0.390	0.298	5.0	22.93
3993	40.3740	116.1960	-299.9	487	KJD	0	0	0	0	90	35.8	2313	50	90	248	1.800	0.363	0.202	5.1	22.95
3994	40.3744	116.1960	-300.2	473	KJD	0	0	0	0	97	35.6	2174	49	155	173	3.163	0.896	0.283	5.2	22.96
3995	40.3749	116.1959	-297.8	434	KJD	0	0	0	0	79	34.8	2055	43	113	194	2.628	0.582	0.222	5.3	22.98
3996	40.3753	116.1959	-300.0	435	KJD	0	0	0	0	93	37.7	2188	49	87	207	1.776	0.420	0.237	5.3	23.00
3997	40.3757	116.1959	-302.7	473	KJD	0	0	0	0	85	38.5	2213	69	70	177	1.014	0.395	0.390	5.4	23.03
3998	40.3762	116.1959	-304.8	493	KJD	0	0	0	0	89	38.8	2112	48	157	188	3.271	0.835	0.255	5.5	23.05
3999	40.3766	116.1959	-307.7	502	KJD	0	0	0	0	77	39.0	2267	63	84	200	1.333	0.420	0.315	5.6	23.07
4000	40.3770	116.1959	-306.6	518	KJD	0	0	0	0	84	39.3	2326	45	204	152	4.533	1.342	0.296	5.6	23.10
4001	40.3775	116.1959	-310.2	532	KJD	0	0	0	0	76	39.6	2232	66	151	117	2.288	1.291	0.564	5.7	23.14
4002	40.3779	116.1959	-310.6	538	KJD	0	0	0	0	77	39.7	2165	56	104	171	1.857	0.608	0.327	5.8	23.16
4003	40.3783	116.1959	-310.7	581	KJD	0	0	0	0	87	40.5	2276	62	63	218	1.016	0.289	0.284	5.9	23.19
4004	40.3788	116.1959	-309.2	611	KJD	0	0	0	0	71	41.0	2245	51	173	176	3.392	0.983	0.290	5.9	23.22
4005	40.3792	116.1958	-311.0	642	KJD	0	0	0	0	85	41.5	2264	56	147	174	2.625	0.845	0.322	6.0	23.24
4006	40.3796	116.1958	-310.4	653	KJD	0	0	0	0	88	41.7	2198	57	73	231	1.281	0.316	0.247	6.1	23.26
4007	40.3801	116.1958	-311.3	657	KJD	0	0	0	0	77	41.8	2266	60	91	228	1.517	0.399	0.263	6.1	23.28
4008	40.3805	116.1958	-311.2	706	KJD	1	0	0	0	81	42.6	2257	57	95	196	1.667	0.485	0.291	6.2	23.30
4009	40.3809	116.1958	-308.8	717	KJD	1	0	0	0	90	42.7	2497	69	195	94	2.826	2.074	0.734	6.2	23.33
4010	40.3814	116.1958	-314.0	726	KJD	1	0	0	0	78	42.9	2408	62	135	159	2.145	0.836	0.390	6.4	23.36
4011	40.3818	116.1958	-309.0	720	KJD	1	0	0	0	78	42.8	2904	23	241	153	10.478	1.575	0.150	6.4	23.39
4012	40.3822	116.1958	-310.5	722	KJD	1	0	0	0	66	42.8	2543	64	65	289	1.016	0.225	0.221	6.5	23.42
4013	40.3827	116.1958	-308.9	730	QOA3	1	0	0	0	84	42.9	2528	53	104	235	1.962	0.443	0.226	6.5	23.44
4014	40.3831	116.1958	-309.7	755	QOA3	1	0	0	0	81	43.3	2453	64	88	166	1.375	0.530	0.386	6.6	23.46
4015	40.3835	116.1957	-310.4	759	QOA3	1	0	0	0	80	43.1	2576	52	130	176	2.500	0.739	0.295	6.5	23.47
4016	40.3840	116.1957	-314.8	769	QOA3	1	0	0	0	75	43.3	2578	65	81	210	1.246	0.386	0.310	6.5	23.50
4017	40.3844	116.1957	-311.5	768	QOA3	1	0	0	0	84	43.3	2581	29	118	210	4.069	0.562	0.138	6.5	23.51
4018	40.3848	116.1957	-315.1	758	QOA3	1	0	0	0	79	43.1	2557	55	86	176	1.564	0.489	0.313	6.5	23.54
4019	40.3853	116.1957	-311.6	762	QOA3	1	0	0	0	86	43.2	2374	57	88	158	1.544	0.557	0.361	6.5	23.55
4020	40.3857	116.1957	-313.5	764	QOA3	1	0	0	0	73	43.2	2495	58	88	180	1.517	0.489	0.322	6.5	23.57
4021	40.3861	116.1957	-315.6	729	QOA3	1	0	0	0	75	42.7	2463	80	45	251	0.563	0.179	0.319	6.6	23.59
4022	40.3866	116.1957	-313.0	706	QOA3	1	0	0	0	76	42.3	2409	57	98	178	1.719	0.551	0.320	6.6	23.62
4023	40.3870	116.1957	-311.4	683	QOA3	0	0	0	0	78	42.0	2298	51	87	142	1.706	0.613	0.359	6.6	23.64
4024	40.3874	116.1956	-311.0	667	QOA3	0	0	0	0	79	41.7	2336	51	132	138	2.588	0.957	0.370	6.6	23.66
4025	40.3879	116.1956	-314.0	642	QOA3	0	0	0	0	81	41.3	2219	51	153	144	3.000	1.063	0.354	6.5	23.68
4026	40.3883	116.1956	-311.5	638	QOA3	0	0	0	0	66	41.3	2517	56	100	201	1.786	0.498	0.279	6.6	23.69
4027	40.3887	116.1956	-312.4	624	QOA3	0	0	0	0	76	41.0	2268	68	46	233	0.676	0.197	0.292	6.5	23.71
4028	40.3892	116.1956	-310.4	622	QOA3	0	0	0	0	68	41.0	2369	87	100	194	1.149	0.515	0.448	6.6	23.74
4029	40.3896	116.1956	-311.4	589	QOA3	0	0	0	0	75	40.4	2321	69	101	187	1.464	0.540	0.369	6.6	23.76
4030	40.3900	116.1956	-307.5	572	QOA3	0	0	0	0	82	40.1	2523	39	141	222	3.615	0.635	0.176	6.7	23.78
4031	40.3905	116.1956	-309.0	543	QOA3	0	0	0	0	75	39.6	2266	67	68	229	1.015	0.297	0.293	6.7	23.80
4032	40.3909	116.1956	-307.1	530	QOA3	0	0	0	0	69	39.3	2330	52	139	154	2.673	0.903	0.338	6.7	23.82
4033	40.3913	116.1956	-304.8	503	QOA3	0	0	0	0	77	38.8	2339	65	80	228	1.231	0.351	0.285	6.8	23.85

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4034	40.3918	116.1955	-302.8	496	QOA3	0	0	1	0	75	45.9	2504	88	24	195	0.273	0.123	0.451	6.8	23.87
4035	40.3922	116.1955	-302.1	495	QOA3	0	0	0	0	64	45.9	2341	69	117	165	1.696	0.709	0.418	6.8	23.90
4036	40.3926	116.1955	-300.9	494	QOA3	0	0	0	0	77	45.9	2406	46	178	203	3.870	0.877	0.227	6.8	23.92
4037	40.3931	116.1955	-297.6	493	QOA3	0	0	0	0	81	45.8	2596	61	45	243	0.738	0.185	0.251	6.8	23.93
4038	40.3935	116.1955	-297.8	494	QOA3	0	0	0	0	75	45.8	2586	70	93	171	1.329	0.544	0.409	6.8	23.94
4039	40.3939	116.1955	-297.4	488	QOA3	0	0	0	0	75	45.7	2524	66	172	188	2.606	0.915	0.351	6.8	23.96
4040	40.3944	116.1955	-298.2	473	QOA3	0	0	0	0	78	45.4	2552	55	166	224	3.018	0.741	0.246	6.8	23.97
4041	40.3948	116.1955	-298.4	453	QOA3	0	0	0	0	66	44.9	2445	56	143	211	2.554	0.678	0.265	6.8	24.00
4042	40.3952	116.1955	-296.8	429	QOA3	0	0	0	0	69	44.3	2427	62	113	259	1.823	0.436	0.239	6.8	24.02
4043	40.3957	116.1955	-297.0	412	QOA3	0	0	0	0	66	43.9	2406	66	129	223	1.955	0.578	0.296	6.8	24.04
4044	40.3961	116.1954	-291.6	393	QOA3	0	0	0	0	71	43.4	2585	61	94	218	1.541	0.431	0.280	6.7	24.05
4045	40.3965	116.1954	-291.2	379	QOA3	0	0	0	0	66	43.0	2504	68	136	248	2.000	0.548	0.274	6.7	24.07
4046	40.3970	116.1954	-291.1	360	QOA3	0	0	0	0	7?	42.5	2507	76	171	180	2.250	0.950	0.422	6.7	24.09
4047	40.3974	116.1954	-288.9	350	QOA3	0	0	0	0	?8	42.3	2506	67	137	256	2.045	0.535	0.262	6.7	24.10
4048	40.3978	116.1954	-289.7	339	QOA3	0	0	0	0	73	42.0	2494	73	137	223	1.877	0.614	0.327	6.7	24.12
4049	40.3983	116.1954	-290.3	327	QOA3	0	0	0	0	78	41.6	2417	71	132	234	1.859	0.564	0.303	6.7	24.13
4050	40.3987	116.1954	-288.4	322	QOA3	0	0	0	0	74	41.5	2406	58	117	222	2.017	0.527	0.261	6.7	24.14
4051	40.3991	116.1954	-285.9	321	QOA3	0	0	0	0	75	41.5	2326	71	125	184	1.761	0.679	0.386	6.8	24.15
4052	40.3996	116.1954	-286.6	316	QOA3	0	0	0	0	74	41.3	2285	72	94	230	1.306	0.409	0.313	6.8	24.16
4053	40.4000	116.1954	-287.9	313	QOA3	0	0	0	0	73	43.6	2411	72	157	196	2.181	0.801	0.367	6.8	24.17
4054	40.4004	116.1953	-288.2	310	QOA3	0	0	0	0	70	43.6	2321	68	46	288	0.676	0.160	0.236	6.7	24.17
4055	40.4008	116.1953	-287.7	308	QOA3	0	0	0	0	63	43.5	2315	64	99	251	1.547	0.394	0.255	6.8	24.18
4056	40.4013	116.1953	-287.9	308	QOA3	0	0	0	0	86	43.5	2238	74	100	218	1.351	0.459	0.339	6.8	24.19
4057	40.4017	116.1953	-288.6	310	QOA3	0	0	0	0	59	43.6	2285	63	183	215	2.905	0.851	0.293	6.9	24.19
4058	40.4021	116.1953	-290.1	313	QOA3	0	0	0	0	75	43.6	2310	62	123	228	1.984	0.539	0.272	6.9	24.20
4059	40.4026	116.1953	-292.6	316	QOA3	0	0	0	0	74	43.7	2363	77	97	196	1.260	0.495	0.393	6.9	24.20
4060	40.4030	116.1953	-290.1	313	QOA3	0	0	0	0	72	43.7	2409	71	141	201	1.986	0.701	0.353	7.0	24.21
4061	40.4034	116.1953	-290.6	311	QOA3	0	0	0	0	68	43.6	2370	66	152	197	2.303	0.772	0.335	7.0	24.22
4062	40.4039	116.1953	-289.8	316	QOA3	0	0	0	0	70	43.7	2381	64	121	252	1.891	0.480	0.254	7.0	24.22
4063	40.4043	116.1952	-290.0	319	QOA3	0	0	0	0	66	43.8	2306	98	73	225	0.745	0.324	0.436	7.0	24.23
4064	40.4047	116.1952	-287.2	327	QOA3	0	0	0	0	75	44.0	2292	77	156	185	2.026	0.843	0.416	7.0	24.23
4065	40.4052	116.1952	-285.9	329	QOA3	0	0	0	0	70	44.1	2296	50	216	163	4.320	1.325	0.307	7.0	24.23
4066	40.4056	116.1952	-285.8	334	QOA3	0	0	0	0	71	44.3	2237	75	97	209	1.293	0.464	0.359	7.0	24.23
4067	40.4060	116.1952	-284.1	333	QOA3	0	0	0	0	65	44.2	2240	60	172	165	2.867	1.042	0.364	7.0	24.23
4068	40.4065	116.1952	-286.3	333	QOA3	0	0	0	0	61	44.2	2135	46	123	235	2.674	0.523	0.196	7.0	24.23
4069	40.4069	116.1952	-284.8	332	QOA3	0	0	0	0	74	44.2	2254	50	39	264	0.780	0.148	0.189	7.0	24.24
4070	40.4073	116.1952	-278.6	330	QOA3	0	0	0	0	73	44.1	2188	58	107	233	1.845	0.459	0.249	7.0	24.24
4071	40.4078	116.1952	-275.4	325	QOA3	0	0	0	0	63	44.0	2283	59	156	196	2.644	0.796	0.301	7.1	24.25
4072	40.4082	116.1952	-274.1	324	QOA3	0	0	0	0	72	43.3	2166	66	86	213	1.303	0.404	0.310	7.1	24.25
4073	40.4086	116.1951	-269.6	325	QOA3	0	0	0	0	65	43.4	2220	59	157	173	2.707	0.908	0.335	7.0	24.25
4074	40.4091	116.1951	-267.0	329	QOA3	0	0	0	0	73	43.5	2211	48	129	238	2.688	0.542	0.202	7.1	24.26
4075	40.4095	116.1951	-265.3	333	QOA3	0	0	0	0	67	43.6	2249	51	194	182	3.804	1.066	0.280	7.1	24.26
4076	40.4099	116.1951	-264.2	334	QOA3	0	0	0	0	76	43.6	2121	67	86	189	1.284	0.455	0.354	7.1	24.26
4077	40.4104	116.1951	-265.0	336	QOA3	0	0	0	0	71	43.7	2240	59	133	201	2.254	0.662	0.294	7.2	24.27
4078	40.4108	116.1951	-259.6	340	QOA3	0	0	0	0	69	43.8	2221	61	137	196	2.246	0.699	0.311	7.2	24.27
4079	40.4112	116.1951	-259.8	345	QOA3	0	0	0	0	74	43.9	2226	56	163	184	2.911	0.886	0.304	7.1	24.27
4080	40.4117	116.1951	-260.8	351	QOA3	0	0	0	0	69	44.1	2240	68	139	199	2.044	0.698	0.342	7.1	24.27
4081	40.4121	116.1951	-258.0	354	QOA3	0	0	0	0	67	44.2	2166	65	144	175	2.215	0.823	0.371	7.1	24.28
4082	40.4125	116.1951	-252.0	349	QOA3	0	0	0	0	56	44.0	2181	60	138	201	2.300	0.687	0.299	7.2	24.28
4083	40.4130	116.1950	-251.0	347	QOA3	0	0	0	0	73	44.0	2172	71	55	251	0.775	0.219	0.283	7.2	24.29
4084	40.4134	116.1950	-249.3	344	QOA3	0	0	0	0	71	43.9	2173	69	133	199	1.928	0.668	0.347	7.2	24.29
4085	40.4138	116.1950	-244.8	342	QOA3	0	0	0	0	72	43.8	2249	74	113	209	1.527	0.541	0.354	7.3	24.30
4086	40.4143	116.1950	-244.8	339	QOA3	0	0	0	0	72	43.8	2191	51	150	209	2.941	0.718	0.244	7.3	24.30
4087	40.4147	116.1950	-241.9	334	QOA3	0	0	0	0	72	43.6	2257	68	141	202	2.074	0.698	0.337	7.3	24.30

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4088	40.4151	116.1950	-237.6	331	QOA3	0	0	0	0	66	43.5	2157	68	154	150	2.265	1.027	0.453	7.4	24.30
4089	40.4156	116.1950	-236.3	330	QOA3	0	0	0	0	70	43.5	2111	52	68	210	1.308	0.324	0.248	7.4	24.31
4090	40.4160	116.1950	-233.9	328	QOA3	0	0	0	0	60	43.4	2215	51	202	189	3.961	1.069	0.270	7.4	24.31
4091	40.4164	116.1950	-231.6	326	QOA3	0	0	0	0	71	47.8	2167	64	147	171	2.297	0.860	0.374	7.4	24.31
4092	40.4169	116.1950	-229.9	325	QOA3	0	0	0	0	68	47.7	2282	87	108	193	1.241	0.560	0.451	7.5	24.32
4093	40.4173	116.1949	-227.4	324	QOA3	0	0	0	0	63	47.7	2187	54	200	205	3.704	0.976	0.263	7.5	24.32
4094	40.4177	116.1949	-223.9	324	QOA3	0	0	0	0	73	47.7	2244	65	215	150	3.308	1.433	0.433	7.6	24.33
4095	40.4182	116.1949	-221.9	319	QOA3	0	0	0	0	67	47.5	2199	57	122	225	2.140	0.542	0.253	7.6	24.33
4096	40.4186	116.1949	-219.4	314	QOA3	0	0	0	0	65	47.4	2324	73	167	218	2.288	0.766	0.335	7.7	24.33
4097	40.4190	116.1949	-219.2	312	QOA3	0	0	0	0	64	47.3	2245	75	119	214	1.587	0.556	0.350	7.7	24.33
4098	40.4195	116.1949	-218.9	308	QOA3	0	0	0	0	71	47.2	2171	44	206	163	4.682	1.264	0.270	7.7	24.33
4099	40.4199	116.1949	-220.5	306	QOA3	0	0	0	0	67	47.1	2240	59	62	230	1.051	0.270	0.257	7.7	24.33
4100	40.4203	116.1949	-220.9	304	QOA3	0	0	0	0	74	47.1	2283	61	141	198	2.311	0.712	0.308	7.7	24.34
4101	40.4208	116.1949	-221.2	306	QOA3	0	0	0	0	61	47.1	2188	83	134	169	1.614	0.793	0.491	7.8	24.34
4102	40.4212	116.1949	-221.4	306	QOA3	0	0	0	0	62	47.1	2313	67	190	181	2.836	1.050	0.370	7.7	24.33
4103	40.4216	116.1948	-222.9	307	QOA3	0	0	0	0	72	47.1	2253	66	104	220	1.576	0.473	0.300	7.8	24.33
4104	40.4221	116.1948	-221.8	310	QOA3	0	0	0	0	70	47.2	2383	69	164	183	2.377	0.896	0.377	7.8	24.33
4105	40.4225	116.1948	-218.8	314	QOA3	0	0	0	0	62	47.4	2203	60	105	204	1.750	0.515	0.294	7.8	24.32
4106	40.4229	116.1948	-216.3	319	QOA3	0	0	0	0	69	47.5	2377	74	129	199	1.743	0.648	0.372	7.8	24.32
4107	40.4234	116.1948	-215.5	319	QOA3	0	0	0	0	78	47.5	2302	70	62	216	0.886	0.287	0.324	7.8	24.32
4108	40.4238	116.1948	-212.2	324	QOA3	0	0	0	0	70	47.7	2333	67	85	225	1.269	0.378	0.298	7.8	24.32
4109	40.4242	116.1948	-209.9	325	QOA3	0	0	0	0	73	47.7	2200	82	119	199	1.451	0.598	0.412	7.7	24.31
4110	40.4247	116.1948	-209.4	325	QOA3	0	0	0	0	75	51.5	2344	78	83	212	1.064	0.392	0.368	7.7	24.31
4111	40.4251	116.1948	-210.1	325	QOA3	0	0	0	0	78	51.5	2087	49	171	158	3.490	1.082	0.310	7.7	24.31
4112	40.4255	116.1947	-207.1	324	QOA3	0	0	0	0	75	51.4	2268	54	157	171	2.907	0.918	0.316	7.7	24.31
4113	40.4260	116.1947	-208.9	326	QOA3	0	0	0	0	83	51.5	2187	64	94	202	1.469	0.465	0.317	7.7	24.31
4114	40.4264	116.1947	-205.6	326	QOA3	0	0	0	0	68	51.5	2262	64	51	264	0.797	0.193	0.242	7.7	24.31
4115	40.4268	116.1947	-205.6	325	QOA3	0	0	0	0	68	51.5	2252	67	109	193	1.627	0.565	0.347	7.6	24.31
4116	40.4273	116.1947	-207.3	324	QOA3	0	0	0	0	72	51.5	2325	63	98	262	1.556	0.374	0.240	7.7	24.31
4117	40.4277	116.1947	-206.8	324	QOA3	0	0	0	0	67	51.4	2319	65	141	198	2.169	0.712	0.328	7.8	24.31
4118	40.4281	116.1947	-206.6	324	QOA3	0	0	0	0	72	51.4	2286	60	110	224	1.833	0.491	0.268	7.8	24.31
4119	40.4286	116.1947	-208.9	319	QOA3	0	0	0	0	72	51.3	2242	82	45	221	0.549	0.204	0.371	7.8	24.31
4120	40.4290	116.1947	-210.6	317	QOA3	0	0	0	0	69	51.2	2368	82	36	230	0.439	0.157	0.357	7.8	24.31
4121	40.4294	116.1947	-210.4	314	QOA3	0	0	0	0	75	51.1	2450	83	132	202	1.590	0.653	0.411	7.8	24.31
4122	40.4299	116.1946	-210.9	313	QOA3	0	0	0	0	75	51.1	2419	64	102	218	1.594	0.468	0.294	7.9	24.31
4124	40.4307	116.1946	-212.4	311	QOA3	0	0	0	0	72	51.0	2509	81	181	170	2.235	1.065	0.476	7.9	24.31
4125	40.4312	116.1946	-216.1	314	QOA3	0	0	0	0	68	51.1	2566	72	197	197	2.736	1.005	0.367	7.9	24.31
4126	40.4316	116.1946	-215.6	311	QOA3	0	0	0	0	62	51.0	2475	68	193	192	2.838	1.005	0.354	8.0	24.31
4127	40.4320	116.1946	-216.8	313	QOA3	0	0	0	0	62	51.1	2499	86	145	220	1.686	0.659	0.391	8.0	24.31
4128	40.4325	116.1946	-219.0	318	QOA3	0	0	0	0	61	51.2	2374	85	132	207	1.553	0.638	0.411	8.0	24.31
4129	40.4329	116.1946	-220.0	317	QOA3	0	0	0	0	77	51.2	2385	81	182	177	2.247	1.028	0.458	8.0	24.30
4130	40.4333	116.1946	-220.7	322	QOA3	0	0	0	0	80	51.0	2401	75	130	229	1.733	0.568	0.328	8.0	24.31
4131	40.4338	116.1946	-221.4	325	QOA3	0	0	0	0	81	51.1	2246	59	126	173	2.136	0.728	0.341	8.1	24.30
4132	40.4342	116.1945	-221.4	327	QOA3	0	0	0	0	73	51.2	2323	57	185	201	3.246	0.920	0.284	8.2	24.30
4133	40.4346	116.1945	-224.6	331	QOA3	0	0	0	0	69	51.3	2335	70	158	177	2.257	0.893	0.395	8.2	24.30
4134	40.4350	116.1945	-226.3	333	QOA3	0	0	0	0	74	51.4	2304	81	34	238	0.420	0.143	0.340	8.2	24.30
4135	40.4355	116.1945	-228.8	339	QOA3	0	0	0	0	70	51.6	2388	63	208	157	3.302	1.325	0.401	8.3	24.30
4136	40.4359	116.1945	-227.4	343	QOA3	0	0	0	0	69	51.7	2450	61	162	234	2.656	0.692	0.261	8.3	24.30
4137	40.4363	116.1945	-228.6	347	QA2	0	0	0	0	62	51.9	2466	70	171	210	2.443	0.814	0.333	8.3	24.30
4138	40.4367	116.1945	-229.9	350	QA2	0	0	0	0	78	52.0	2373	56	161	212	2.875	0.759	0.264	8.3	24.30
4139	40.4372	116.1944	-230.3	355	QA2	0	0	0	0	65	52.1	2309	66	70	248	1.061	0.282	0.266	8.4	24.29
4140	40.4376	116.1944	-232.0	357	QA2	0	0	0	0	75	52.2	2340	68	157	209	2.309	0.751	0.325	8.4	24.29
4141	40.4380	116.1944	-232.7	360	QA2	0	0	0	0	66	52.3	2277	59	155	183	2.627	0.847	0.322	8.4	24.29
4142	40.4385	116.1944	-234.7	362	QA2	0	0	0	0	73	52.4	2400	69	177	197	2.565	0.898	0.350	8.6	24.30

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4143	40.4389	116.1944	-239.5	357	QA2	0	0	0	0	66	52.2	2353	79	88	194	1.114	0.454	0.407	8.6	24.30
4144	40.4393	116.1944	-241.0	354	QA2	0	0	0	0	76	52.1	2276	68	116	193	1.706	0.601	0.352	8.7	24.30
4146	40.4402	116.1943	-245.5	352	QA2	0	0	0	0	73	52.1	2365	68	102	231	1.500	0.442	0.294	8.7	24.30
4147	40.4406	116.1943	-247.5	353	QA2	0	0	0	0	61	52.1	2294	66	185	141	2.803	1.312	0.468	8.7	24.31
4148	40.4410	116.1943	-248.7	349	QA2	0	0	0	0	72	52.0	2270	51	165	178	3.235	0.927	0.287	8.7	24.31
4149	40.4414	116.1943	-252.5	346	QA2	0	0	0	0	65	51.9	2262	69	92	205	1.333	0.449	0.337	8.6	24.31
4150	40.4419	116.1943	-254.5	344	QA2	0	0	0	0	66	45.8	2094	61	100	195	1.639	0.513	0.313	8.6	24.31
4151	40.4423	116.1943	-258.2	341	QA2	0	0	0	0	68	45.7	2086	50	124	190	2.480	0.653	0.263	8.6	24.31
4152	40.4427	116.1942	-261.4	346	QA2	0	0	0	0	76	45.9	2183	57	96	200	1.684	0.480	0.285	8.6	24.31
4153	40.4431	116.1942	-260.7	345	QA2	0	0	0	0	65	45.8	2276	63	102	204	1.619	0.500	0.309	8.6	24.30
4154	40.4436	116.1942	-262.9	346	QA2	0	0	0	0	61	45.9	2082	55	133	165	2.418	0.806	0.333	8.6	24.31
4155	40.4440	116.1942	-264.9	347	QA2	0	0	0	0	71	45.9	2110	60	101	198	1.683	0.510	0.303	8.6	24.31
4156	40.4444	116.1942	-267.6	347	QA2	0	0	0	0	71	45.9	2109	53	180	129	3.396	1.395	0.411	8.6	24.30
4157	40.4448	116.1942	-268.8	350	QQA3	0	0	0	0	74	46.0	2127	60	62	221	1.033	0.281	0.271	8.5	24.30
4158	40.4453	116.1942	-268.0	354	QQA3	0	0	0	0	67	46.1	2132	56	108	163	1.929	0.663	0.344	8.5	24.30
4159	40.4457	116.1941	-269.7	359	QQA3	0	0	0	0	68	46.2	2295	68	67	200	0.985	0.335	0.340	8.5	24.29
4160	40.4461	116.1941	-269.4	364	QQA3	0	0	0	0	70	46.4	2108	59	71	205	1.203	0.346	0.288	8.5	24.29
4161	40.4465	116.1941	-270.1	368	QQA3	0	0	0	0	60	46.5	2168	59	177	145	3.000	1.221	0.407	8.5	24.28
4162	40.4470	116.1941	-269.8	375	QQA3	0	0	0	0	68	46.7	2266	65	100	204	1.538	0.490	0.319	8.5	24.28
4163	40.4474	116.1941	-271.2	381	QQA3	0	0	0	0	65	46.9	2267	71	30	240	0.423	0.125	0.296	8.4	24.27
4164	40.4478	116.1941	-269.2	384	QQA3	0	0	0	0	73	47.0	2058	63	107	183	1.698	0.585	0.344	8.3	24.27
4165	40.4482	116.1940	-270.4	393	QQA3	0	0	0	0	56	47.2	2177	73	140	146	1.918	0.959	0.500	8.3	24.26
4166	40.4487	116.1940	-270.6	399	QQA3	0	0	0	0	63	47.4	2169	73	92	208	1.260	0.442	0.351	8.3	24.25
4167	40.4491	116.1940	-270.7	405	QQA3	0	0	0	0	74	47.5	2116	81	82	187	1.012	0.439	0.433	8.4	24.24
4168	40.4495	116.1940	-269.7	407	QQA3	0	0	0	0	63	47.6	2305	57	125	203	2.193	0.616	0.281	8.5	24.24
4169	40.4499	116.1940	-269.2	406	QQA3	0	0	0	0	71	39.0	2256	77	95	184	1.234	0.516	0.418	8.5	24.24
4170	40.4504	116.1940	-267.2	402	QQA3	0	0	0	0	77	38.9	2285	56	103	202	1.839	0.510	0.277	8.5	24.24
4171	40.4508	116.1940	-268.5	400	QQA3	0	0	0	0	69	38.9	2294	81	87	180	1.074	0.483	0.450	8.5	24.24
4172	40.4512	116.1939	-270.2	399	QQA3	0	0	0	0	73	38.9	2249	48	131	211	2.729	0.621	0.227	8.5	24.24
4173	40.4516	116.1939	-267.6	404	QQA3	0	0	0	0	67	38.9	2247	58	143	197	2.466	0.726	0.294	8.4	24.23
4174	40.4521	116.1939	-270.9	408	QQA3	0	0	0	0	63	39.1	2376	57	115	187	2.018	0.615	0.305	8.5	24.23
4175	40.4525	116.1939	-272.1	413	QQA3	0	0	0	0	74	39.2	2348	56	128	192	2.286	0.667	0.292	8.4	24.22
4176	40.4529	116.1939	-273.0	416	QQA3	0	0	0	0	61	39.2	2162	61	135	189	2.213	0.714	0.323	8.3	24.21
4177	40.4533	116.1939	-272.5	418	QQA3	0	0	0	0	70	39.3	2361	68	183	176	2.691	1.040	0.386	8.4	24.21
4179	40.4542	116.1938	-273.8	411	QQA3	0	0	0	0	64	39.1	2223	70	128	202	1.829	0.634	0.347	8.4	24.20
4180	40.4546	116.1938	-273.3	407	QQA3	0	0	0	0	57	39.0	2279	76	129	183	1.697	0.705	0.415	8.4	24.20
4181	40.4551	116.1938	-275.8	405	QQA3	0	0	0	0	67	39.0	2336	78	162	140	2.077	1.157	0.557	8.5	24.20
4182	40.4555	116.1938	-278.1	400	QQA3	0	0	0	0	61	38.9	2161	60	89	217	1.483	0.410	0.276	8.5	24.20
4183	40.4559	116.1938	-277.6	396	QQA3	0	0	0	0	71	38.8	2326	68	102	216	1.500	0.472	0.315	8.6	24.20
4184	40.4563	116.1938	-277.8	394	QQA3	0	0	0	0	63	38.7	2285	60	178	169	2.967	1.053	0.355	8.6	24.20
4185	40.4568	116.1937	-279.1	388	QQA3	0	0	0	0	72	38.6	2263	66	153	159	2.318	0.962	0.415	8.6	24.20
4186	40.4572	116.1937	-280.8	388	QQA3	0	0	0	0	65	38.6	2435	85	157	154	1.847	1.019	0.552	8.6	24.20
4187	40.4576	116.1937	-280.9	382	QQA3	0	0	0	0	72	38.5	2371	81	186	150	2.296	1.240	0.540	8.7	24.19
4188	40.4580	116.1937	-279.7	378	QQA3	0	0	0	0	63	38.3	2373	72	148	188	2.056	0.787	0.383	8.6	24.19
4189	40.4585	116.1937	-279.7	374	QQA3	0	0	0	0	70	42.4	2269	63	114	185	1.810	0.616	0.341	8.6	24.19
4190	40.4589	116.1937	-281.2	368	QQA3	0	0	0	0	66	42.3	2342	85	75	214	0.882	0.350	0.397	8.6	24.19
4191	40.4593	116.1937	-281.7	362	QQA3	0	0	0	0	70	42.1	2404	65	141	225	2.169	0.627	0.289	8.6	24.19
4192	40.4597	116.1936	-281.0	355	QQA3	0	0	0	0	77	41.9	2292	70	120	239	1.714	0.502	0.293	8.6	24.19
4193	40.4602	116.1936	-280.3	348	QQA3	0	0	0	0	59	41.7	2380	60	161	240	2.683	0.671	0.250	8.6	24.19
4194	40.4606	116.1936	-280.3	347	QQA3	0	0	0	0	63	41.7	2454	67	163	190	2.433	0.858	0.353	8.6	24.19
4195	40.4610	116.1936	-280.4	340	QQA3	0	0	0	0	61	41.5	2456	73	139	222	1.904	0.626	0.329	8.6	24.20
4196	40.4614	116.1936	-280.6	337	QQA3	0	0	0	0	61	41.4	2400	87	57	225	0.655	0.253	0.387	8.5	24.20
4197	40.4619	116.1936	-279.2	331	QQA3	0	0	0	0	77	41.3	2302	69	86	214	1.246	0.402	0.322	8.4	24.19
4198	40.4623	116.1935	-278.9	326	QQA3	0	0	0	0	72	41.1	2196	67	124	187	1.851	0.663	0.358	8.4	24.19

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4199	40.4627	116.1935	-278.1	330	QOA3	0	0	0	0	67	41.2	2191	80	84	205	1.050	0.410	0.390	8.4	24.19
4201	40.4636	116.1935	-276.8	333	QOA3	0	0	0	0	69	41.3	2339	58	97	243	1.672	0.399	0.239	8.4	24.18
4202	40.4640	116.1935	-277.1	332	QOA3	0	0	0	0	75	41.3	2270	61	91	243	1.492	0.374	0.251	8.5	24.18
4203	40.4644	116.1935	-276.1	331	QOA3	0	0	0	0	66	41.3	2304	74	146	205	1.973	0.712	0.361	8.5	24.18
4204	40.4648	116.1935	-275.1	331	QOA3	0	0	0	0	73	41.3	2262	75	107	212	1.427	0.505	0.354	8.5	24.18
4205	40.4653	116.1934	-274.8	336	QOA3	0	0	0	0	79	41.4	2250	50	93	278	1.860	0.335	0.180	8.5	24.17
4206	40.4657	116.1934	-277.0	338	QOA3	0	0	0	0	72	41.5	2331	82	129	160	1.573	0.806	0.513	8.6	24.17
4207	40.4661	116.1934	-275.7	339	QOA3	0	0	0	0	69	41.5	2278	66	182	187	2.758	0.973	0.353	8.6	24.17
4208	40.4665	116.1934	-273.7	336	QOA3	0	0	0	0	78	41.4	2126	73	134	167	1.836	0.802	0.437	8.6	24.17
4209	40.4670	116.1934	-276.7	331	QOA3	0	0	0	0	75	44.2	2267	56	112	210	2.000	0.533	0.267	8.7	24.16
4210	40.4674	116.1934	-278.3	326	QOA3	0	0	0	0	74	44.1	2161	51	135	221	2.647	0.611	0.231	8.8	24.17
4211	40.4678	116.1934	-277.5	325	QOA3	0	0	0	0	72	44.1	2196	60	97	222	1.617	0.437	0.270	8.8	24.17
4212	40.4682	116.1933	-277.2	324	QOA3	0	0	0	0	64	44.0	2310	81	66	239	0.815	0.276	0.339	8.8	24.16
4213	40.4687	116.1933	-277.0	323	QOA3	0	0	0	0	79	44.0	2099	58	70	211	1.207	0.332	0.275	8.8	24.16
4214	40.4691	116.1933	-276.7	324	QOA3	0	0	0	0	73	44.0	2223	59	172	185	2.915	0.930	0.319	8.8	24.16
4215	40.4695	116.1933	-278.2	323	QOA3	0	0	0	0	74	44.0	2117	81	144	156	1.778	0.923	0.519	8.9	24.15
4216	40.4699	116.1933	-278.7	322	QOA3	0	0	0	0	68	44.0	2063	80	65	226	0.813	0.288	0.354	9.0	24.15
4217	40.4704	116.1933	-275.0	316	QOA3	0	0	0	0	73	43.8	2202	73	143	188	1.959	0.761	0.388	9.0	24.15
4218	40.4708	116.1932	-276.8	312	QOA3	0	0	0	0	67	43.7	2180	72	76	203	1.056	0.374	0.355	9.0	24.15
4219	40.4712	116.1932	-272.7	314	QOA3	0	0	0	0	77	43.7	2346	62	170	189	2.742	0.899	0.328	9.0	24.15
4220	40.4717	116.1932	-269.2	319	QOA3	0	0	0	0	79	43.9	2455	64	124	242	1.938	0.512	0.264	9.0	24.15
4221	40.4721	116.1932	-265.5	314	QOA3	0	0	0	0	72	43.7	2389	93	87	198	0.935	0.439	0.470	8.9	24.15
4222	40.4725	116.1932	-263.2	309	QOA3	0	0	0	0	67	43.6	2361	80	88	191	1.100	0.461	0.419	8.9	24.15
4223	40.4729	116.1932	-260.4	310	QOA3	0	0	0	0	69	43.6	2519	58	195	190	3.362	1.026	0.305	8.8	24.15
4224	40.4734	116.1932	-259.2	308	QOA3	0	0	0	0	73	43.6	2363	67	174	180	2.597	0.967	0.372	8.8	24.14
4225	40.4738	116.1931	-258.7	308	QOA3	0	0	0	0	74	43.6	2209	68	176	211	2.588	0.834	0.322	8.9	24.14
4226	40.4742	116.1931	-263.1	317	QOA3	0	0	0	0	75	43.8	2279	59	157	184	2.661	0.853	0.321	8.9	24.13
4227	40.4746	116.1931	-267.8	319	QOA3	0	0	0	0	69	43.9	2291	69	106	225	1.536	0.471	0.307	8.9	24.13
4228	40.4751	116.1931	-270.6	318	QOA3	0	0	0	0	66	47.1	2493	70	202	157	2.886	1.287	0.446	8.9	24.13
4229	40.4755	116.1931	-279.1	311	QOA3	0	0	0	0	75	46.8	2424	70	103	236	1.471	0.436	0.297	8.9	24.13
4230	40.4759	116.1931	-278.3	318	QOA3	0	0	0	0	68	47.1	2272	68	121	192	1.779	0.630	0.354	8.8	24.12
4231	40.4763	116.1931	-281.3	317	QOA3	0	0	0	0	79	47.0	2415	71	92	213	1.296	0.432	0.333	8.8	24.12
4232	40.4768	116.1930	-280.0	319	QOA3	0	0	0	0	66	47.1	2544	78	120	218	1.538	0.550	0.358	8.8	24.12
4233	40.4772	116.1930	-279.7	318	QOA3	0	0	0	0	73	47.1	2497	71	135	229	1.901	0.590	0.310	8.7	24.12
4234	40.4776	116.1930	-280.8	313	QOA3	0	0	0	0	71	46.9	2319	86	45	250	0.523	0.180	0.344	8.6	24.12
4235	40.4780	116.1930	-281.5	312	QOA3	0	0	0	0	69	46.9	2509	72	160	176	2.222	0.909	0.409	8.6	24.11
4236	40.4785	116.1930	-281.5	309	QOA3	0	0	0	0	67	46.8	2308	59	123	230	2.085	0.535	0.257	8.6	24.12
4237	40.4789	116.1930	-281.5	312	QOA3	0	0	0	0	74	46.9	2389	70	82	239	1.171	0.343	0.293	8.7	24.12
4238	40.4793	116.1929	-280.9	313	QOA3	0	0	0	0	66	46.9	2548	74	191	210	2.581	0.910	0.352	8.6	24.11
4239	40.4797	116.1929	-278.7	307	QOA3	0	0	0	0	68	46.7	2316	60	137	205	2.283	0.668	0.293	8.5	24.11
4240	40.4802	116.1929	-278.7	309	QOA3	0	0	0	0	72	46.8	2309	73	118	204	1.616	0.578	0.358	8.5	24.11
4241	40.4806	116.1929	-277.2	312	QOA3	0	0	0	0	75	46.9	2404	76	54	236	0.711	0.229	0.322	8.6	24.11
4242	40.4810	116.1929	-278.1	316	QOA3	0	0	0	0	68	47.0	2325	66	139	168	2.106	0.827	0.393	8.5	24.10
4243	40.4814	116.1929	-277.8	320	QOA3	0	0	0	0	71	47.1	2304	78	152	182	1.949	0.835	0.429	8.5	24.10
4244	40.4819	116.1929	-275.6	317	QOA3	0	0	0	0	81	47.0	2283	73	89	204	1.219	0.436	0.358	8.6	24.10
4245	40.4823	116.1928	-274.6	317	QOA3	0	0	0	0	71	47.0	2390	74	110	203	1.486	0.542	0.365	8.6	24.10
4246	40.4827	116.1928	-272.8	316	QOA3	0	0	0	0	78	47.0	2389	83	38	247	0.458	0.154	0.336	8.6	24.10
4247	40.4831	116.1928	-271.8	310	QOA3	0	0	0	0	65	45.8	2350	73	104	245	1.425	0.424	0.298	8.5	24.10
4248	40.4836	116.1928	-272.3	312	QOA3	0	0	0	0	62	45.9	2402	69	137	235	1.986	0.583	0.294	8.6	24.09
4249	40.4840	116.1928	-270.1	309	QOA3	0	0	0	0	71	45.8	2233	59	110	228	1.864	0.482	0.259	8.5	24.09
4250	40.4844	116.1928	-272.0	320	QOA3	0	0	0	0	63	46.1	2326	85	58	226	0.682	0.257	0.376	8.5	24.08
4251	40.4848	116.1928	-270.1	329	QOA3	0	0	0	0	72	46.4	2259	65	143	186	2.200	0.769	0.349	8.5	24.07
4252	40.4853	116.1927	-272.3	339	QOA3	0	0	0	0	75	46.7	2289	92	131	138	1.424	0.949	0.667	8.6	24.06
4253	40.4857	116.1927	-273.0	344	QOA3	0	0	0	0	75	46.8	2280	57	97	239	1.702	0.406	0.238	8.6	24.05

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4254	40.4861	116.1927	-274.7	342	QOA3	0	0	0	0	71	46.8	2334	68	131	204	1.926	0.642	0.333	8.5	24.05
4256	40.4870	116.1927	-274.9	341	QOA3	0	0	0	0	63	46.7	2406	65	127	204	1.954	0.623	0.319	8.5	24.06
4257	40.4874	116.1927	-273.9	349	QOA3	0	0	0	0	68	47.0	2325	60	125	219	2.083	0.571	0.274	8.5	24.05
4258	40.4878	116.1926	-276.2	361	QOA3	0	0	0	0	61	47.3	2409	85	121	214	1.424	0.565	0.397	8.4	24.04
4259	40.4882	116.1926	-275.3	355	QOA3	0	0	0	0	85	47.2	2205	78	155	138	1.987	1.123	0.565	8.4	24.03
4260	40.4887	116.1926	-275.1	350	QOA3	0	0	0	0	73	47.0	2292	66	139	170	2.106	0.818	0.388	8.4	24.03
4261	40.4891	116.1926	-275.3	348	QOA3	0	0	0	0	68	47.0	2416	51	174	188	3.412	0.926	0.271	8.4	24.03
4262	40.4895	116.1926	-273.8	345	QOA3	0	0	0	0	69	46.9	2226	76	41	229	0.539	0.179	0.332	8.4	24.03
4264	40.4904	116.1926	-273.1	344	QOA3	0	0	0	0	69	46.8	2310	59	123	218	2.085	0.564	0.271	8.4	24.01
4265	40.4908	116.1925	-271.6	340	QOA3	0	0	0	0	72	46.7	2348	56	119	223	2.125	0.534	0.251	8.4	24.01
4266	40.4912	116.1925	-271.1	331	QOA3	0	0	0	0	74	46.4	2395	73	102	219	1.397	0.466	0.333	8.4	24.00
4267	40.4917	116.1925	-270.1	329	QOA3	0	0	0	0	63	46.4	2421	82	100	238	1.220	0.420	0.345	8.3	24.01
4268	40.4921	116.1925	-271.2	323	QOA3	0	0	0	0	71	48.4	2481	72	173	221	2.403	0.783	0.326	8.3	24.01
4269	40.4925	116.1925	-271.2	317	QOA3	0	0	0	0	72	48.3	2328	77	147	213	1.909	0.690	0.362	8.4	24.00
4270	40.4929	116.1925	-269.5	313	QOA3	0	0	0	0	62	48.1	2389	76	98	233	1.289	0.421	0.326	8.4	24.00
4271	40.4934	116.1924	-270.3	307	QOA3	0	0	0	0	69	47.9	2312	71	117	220	1.648	0.532	0.323	8.4	24.00
4272	40.4938	116.1924	-269.8	305	QOA3	0	0	0	0	72	47.8	2276	55	174	209	3.164	0.833	0.263	8.5	24.00
4273	40.4942	116.1924	-267.8	294	QOA3	0	0	0	0	70	47.5	2279	51	188	227	3.686	0.828	0.225	8.5	24.00
4274	40.4946	116.1924	-269.1	291	QOA3	0	0	0	0	66	47.4	2199	78	81	224	1.038	0.362	0.348	8.5	24.00
4275	40.4951	116.1924	-269.3	289	QOA3	0	0	0	0	74	47.3	2348	72	149	198	2.069	0.753	0.364	8.5	24.00
4276	40.4955	116.1924	-268.8	291	QOA3	0	0	0	0	66	47.4	2332	83	167	176	2.012	0.949	0.472	8.5	24.00
4277	40.4959	116.1924	-270.3	288	QOA3	0	0	0	0	62	47.3	2353	82	117	184	1.427	0.636	0.446	8.5	24.00
4278	40.4963	116.1923	-268.9	275	QOA3	0	0	0	0	69	46.9	2276	78	97	213	1.244	0.455	0.366	8.5	24.00
4279	40.4968	116.1923	-270.2	272	QOA3	0	0	0	0	64	46.8	2274	53	192	161	3.623	1.193	0.329	8.5	24.00
4280	40.4972	116.1923	-269.7	267	KJV	0	0	0	0	73	46.6	2263	78	80	228	1.026	0.351	0.342	8.4	24.00
4281	40.4976	116.1923	-270.7	267	KJV	0	0	0	0	85	46.6	2205	71	135	196	1.901	0.689	0.362	8.4	24.00
4282	40.4980	116.1923	-272.0	262	KJV	0	0	0	0	71	46.4	2269	73	127	225	1.740	0.564	0.324	8.5	24.00
4283	40.4985	116.1923	-271.5	259	KJV	0	0	0	0	74	46.3	2291	87	108	201	1.241	0.537	0.433	8.5	24.00
4284	40.4989	116.1923	-269.4	262	KJV	0	0	0	0	73	46.4	2337	75	125	219	1.667	0.571	0.342	8.4	23.99
4286	40.4997	116.1922	-271.6	266	KJV	0	0	0	0	66	46.5	2286	59	139	239	2.356	0.582	0.247	8.4	23.99
4287	40.5002	116.1922	-270.3	275	KJV	0	0	0	0	64	46.8	2318	70	110	250	1.571	0.440	0.280	8.5	23.99
4288	40.5006	116.1922	-269.9	285	KJV	0	0	0	0	73	54.6	2459	78	104	256	1.333	0.406	0.305	8.5	23.99
4289	40.5010	116.1922	-268.2	278	KJV	0	0	1	0	77	54.3	2608	90	27	307	0.300	0.088	0.293	8.5	23.98
4290	40.5014	116.1922	-269.5	268	KJV	0	0	0	0	70	53.9	2551	77	179	215	2.325	0.833	0.358	8.4	23.98
4291	40.5019	116.1921	-270.9	256	KJV	0	0	0	0	66	53.4	2490	73	199	197	2.726	1.010	0.371	8.4	23.99
4292	40.5023	116.1921	-270.0	244	KJV	0	0	0	0	73	52.9	2570	67	178	278	2.657	0.640	0.241	8.5	23.99
4293	40.5027	116.1921	-267.7	244	KJV	0	0	0	0	67	52.9	2586	79	163	256	2.063	0.637	0.309	8.4	23.99
4294	40.5031	116.1921	-269.3	258	KJV	0	0	0	0	72	53.5	2530	71	181	262	2.549	0.691	0.271	8.4	23.99
4295	40.5036	116.1921	-268.5	260	KJV	0	0	0	0	66	53.6	2489	64	196	213	3.063	0.920	0.300	8.3	23.98
4296	40.5040	116.1921	-269.3	261	KJV	0	0	0	0	73	53.6	2578	62	145	241	2.339	0.602	0.257	8.4	23.97
4297	40.5044	116.1921	-269.7	262	KJV	0	0	0	0	66	53.6	2525	82	159	208	1.939	0.764	0.394	8.3	23.96
4298	40.5048	116.1920	-266.4	272	KJV	0	0	0	0	71	54.1	2452	87	86	252	0.989	0.341	0.345	8.2	23.96
4299	40.5053	116.1920	-266.8	286	KJV	0	0	0	0	80	54.6	2493	68	101	263	1.485	0.384	0.259	8.2	23.95
4300	40.5057	116.1920	-265.8	313	KJV	0	0	0	0	71	55.7	2560	81	186	221	2.296	0.842	0.367	8.2	23.95
4301	40.5061	116.1920	-265.6	331	KJV	0	0	0	0	71	56.3	2716	72	250	236	3.472	1.059	0.305	8.1	23.94
4302	40.5066	116.1920	-264.3	332	KJV	0	0	0	0	70	56.4	2807	91	54	348	0.593	0.155	0.261	8.1	23.93
4303	40.5070	116.1920	-264.6	323	KJV	0	0	0	0	57	56.0	2713	76	120	300	1.579	0.400	0.253	8.1	23.92
4304	40.5074	116.1920	-263.5	303	KJV	0	0	0	0	66	55.3	2715	70	176	263	2.514	0.669	0.266	8.1	23.92
4305	40.5078	116.1919	-264.0	277	KJV	0	0	0	0	75	54.2	2542	78	110	242	1.410	0.455	0.322	8.1	23.91
4306	40.5083	116.1919	-265.1	256	KJV	0	0	0	0	71	53.4	2649	86	98	270	1.140	0.363	0.319	8.0	23.90
4307	40.5087	116.1919	-264.5	238	KJV	0	0	0	0	67	54.0	2418	80	182	226	2.275	0.805	0.354	7.9	23.90
4308	40.5091	116.1919	-264.9	229	KJV	0	0	0	0	80	53.7	2408	80	140	234	1.750	0.598	0.342	7.9	23.90
4309	40.5095	116.1919	-263.6	233	KJV	0	0	0	0	73	53.8	2455	57	231	226	4.053	1.022	0.252	7.9	23.89
4310	40.5100	116.1919	-262.0	239	KJV	0	0	0	0	70	54.1	2494	60	163	253	2.717	0.644	0.237	7.9	23.89

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4311	40.5104	116.1918	-262.2	243	KJV	0	0	0	0	77	54.2	2464	73	138	246	1.890	0.561	0.297	7.9	23.89
4312	40.5108	116.1918	-261.6	250	KJV	0	0	0	0	80	54.5	2510	74	79	287	1.068	0.275	0.258	7.9	23.88
4313	40.5112	116.1918	-262.0	256	KJV	0	0	0	0	83	54.8	2651	60	176	300	2.933	0.587	0.200	7.9	23.88
4314	40.5117	116.1918	-261.7	270	KJV	0	0	0	0	80	55.4	2657	63	121	278	1.921	0.435	0.227	7.9	23.88
4315	40.5121	116.1918	-261.5	290	KJV	0	0	0	0	84	56.1	2525	85	54	264	0.635	0.205	0.322	7.7	23.88
4316	40.5125	116.1918	-261.1	310	KJV	0	0	0	0	68	57.0	2570	55	164	283	2.982	0.580	0.194	7.7	23.87
4317	40.5129	116.1918	-260.9	321	KJV	0	0	0	0	72	57.4	2538	65	167	243	2.569	0.687	0.267	7.6	23.88
4318	40.5134	116.1917	-262.2	322	KJV	0	0	0	0	75	57.4	2529	68	174	243	2.559	0.716	0.280	7.6	23.88
4319	40.5138	116.1917	-261.3	298	KJV	0	0	0	0	75	56.5	2544	75	143	240	1.907	0.596	0.313	7.7	23.88
4320	40.5142	116.1917	-261.0	275	KJV	0	0	0	0	70	55.6	2460	66	138	253	2.091	0.545	0.261	7.6	23.87
4321	40.5146	116.1917	-260.6	271	KJV	0	0	0	0	77	55.4	2441	68	151	218	2.221	0.693	0.312	7.6	23.87
4322	40.5151	116.1917	-259.0	271	KJV	0	0	0	0	81	55.4	2388	64	65	274	1.016	0.237	0.234	7.5	23.88
4323	40.5155	116.1917	-259.6	264	KJV	0	0	0	0	79	55.1	2423	80	83	215	1.037	0.386	0.372	7.4	23.87
4324	40.5159	116.1917	-258.8	262	KJV	0	0	0	0	79	55.0	2366	64	125	187	1.953	0.668	0.342	7.4	23.88
4325	40.5163	116.1916	-255.0	271	KJV	0	0	0	0	74	55.4	2294	91	87	218	0.956	0.399	0.417	7.4	23.87
4326	40.5168	116.1916	-252.8	286	KJV	0	0	0	0	69	51.5	2292	67	74	226	1.104	0.327	0.296	7.4	23.87
4327	40.5172	116.1916	-250.5	299	KJV	0	0	0	0	63	52.0	2387	69	180	200	2.609	0.900	0.345	7.4	23.86
4328	40.5176	116.1916	-242.8	291	KJV	0	0	0	0	71	51.7	2362	52	157	189	3.019	0.831	0.275	7.4	23.86
4329	40.5180	116.1916	-241.5	290	KJV	0	0	0	0	79	51.7	2273	72	113	217	1.569	0.521	0.332	7.4	23.86
4330	40.5185	116.1916	-236.5	296	KJV	0	0	0	0	76	51.9	2207	62	122	157	1.968	0.777	0.395	7.3	23.86
4331	40.5189	116.1915	-232.8	308	KJV	0	0	0	0	72	52.3	2178	58	214	136	3.690	1.574	0.426	7.2	23.86
4332	40.5193	116.1915	-228.8	316	KJV	0	0	0	0	73	52.6	2262	51	190	164	3.725	1.159	0.311	7.2	23.86
4333	40.5197	116.1915	-223.7	322	KJV	0	0	0	0	82	52.8	2287	61	136	182	2.230	0.747	0.335	7.2	23.86
4334	40.5202	116.1915	-220.1	329	KJV	0	0	0	0	84	53.1	2304	55	148	172	2.691	0.860	0.320	7.2	23.86
4335	40.5206	116.1915	-218.3	340	KJV	0	0	0	0	73	53.4	2211	61	134	183	2.197	0.732	0.333	7.2	23.86
4336	40.5210	116.1915	-217.0	345	KJV	0	0	0	0	77	53.6	2528	55	143	223	2.600	0.641	0.247	7.2	23.86
4337	40.5214	116.1915	-214.3	326	KJV	0	0	0	0	68	52.9	2410	70	154	186	2.200	0.828	0.376	7.2	23.86
4338	40.5219	116.1914	-206.9	318	KJV	0	0	0	0	72	52.7	2286	60	185	136	3.083	1.360	0.441	7.2	23.86
4339	40.5223	116.1914	-203.9	317	KJV	0	0	0	0	71	52.6	2305	69	95	206	1.377	0.461	0.335	7.1	23.86
4341	40.5232	116.1914	-191.9	316	KJV	0	0	0	0	80	52.6	2206	71	118	159	1.662	0.742	0.447	7.1	23.87
4342	40.5236	116.1914	-186.3	323	KJV	0	0	0	0	65	52.8	2194	50	141	188	2.820	0.750	0.266	7.1	23.87
4343	40.5240	116.1914	-181.2	331	KJV	0	0	0	0	64	53.1	2270	64	40	221	0.625	0.181	0.290	7.1	23.87
4344	40.5244	116.1913	-179.4	337	KJV	0	0	0	0	86	53.3	2190	50	96	221	1.920	0.434	0.226	7.0	23.88
4345	40.5249	116.1913	-180.9	333	KJV	0	0	0	0	80	53.2	2264	62	130	166	2.097	0.783	0.373	7.0	23.88
4346	40.5253	116.1913	-182.6	337	KJV	0	0	0	0	75	40.5	2359	69	186	139	2.696	1.338	0.496	7.0	23.88
4347	40.5257	116.1913	-184.1	340	KJV	0	0	0	0	70	40.6	2318	67	158	188	2.358	0.840	0.356	7.0	23.88
4348	40.5261	116.1913	-185.3	337	KJV	0	0	0	0	69	40.5	2302	73	160	168	2.192	0.952	0.435	6.9	23.89
4349	40.5266	116.1913	-186.7	321	KJV	0	0	0	0	87	40.1	2329	70	93	218	1.329	0.427	0.321	7.0	23.88
4350	40.5270	116.1913	-184.6	305	KJV	0	0	0	0	69	39.7	2313	62	145	204	2.339	0.711	0.304	6.9	23.88
4351	40.5274	116.1912	-178.1	301	KJV	0	0	0	0	75	39.6	2134	67	133	196	2.078	0.679	0.327	6.9	23.89
4352	40.5278	116.1912	-176.0	305	KJV	0	0	0	0	75	39.7	2154	70	121	176	1.729	0.688	0.398	7.0	23.89
4353	40.5283	116.1912	-173.9	315	KJV	0	0	0	0	79	40.0	2300	76	138	142	1.816	0.972	0.535	7.0	23.89
4354	40.5287	116.1912	-172.3	328	KJV	0	0	0	0	66	40.3	2362	58	153	217	2.638	0.705	0.267	7.0	23.89
4355	40.5291	116.1912	-174.2	337	KJV	0	0	0	0	68	40.6	2411	74	94	229	1.270	0.410	0.323	6.9	23.89
4356	40.5295	116.1912	-174.0	301	KJV	0	0	0	0	67	39.6	2446	70	121	213	1.729	0.568	0.329	6.9	23.90
4357	40.5300	116.1912	-172.7	277	KJV	0	0	0	0	69	38.9	2405	67	132	187	1.970	0.706	0.358	6.9	23.90
4358	40.5304	116.1911	-175.6	284	KJV	0	0	0	0	77	39.1	2237	67	143	205	2.134	0.698	0.327	6.8	23.90
4359	40.5308	116.1911	-177.2	299	KJV	0	0	0	0	75	39.5	2348	61	184	201	3.016	0.915	0.303	6.8	23.90
4360	40.5312	116.1911	-174.4	274	KJV	0	0	0	0	77	38.8	2321	80	88	241	1.100	0.365	0.332	6.8	23.90
4361	40.5317	116.1911	-173.6	285	KJV	0	0	0	0	75	39.1	2268	76	137	209	1.803	0.656	0.364	6.8	23.89
4363	40.5325	116.1911	-177.7	299	KJV	0	0	0	0	70	39.5	2343	58	114	257	1.966	0.444	0.226	6.9	23.89
4364	40.5329	116.1910	-181.6	302	KJV	0	0	0	0	70	39.6	2251	54	56	283	1.037	0.198	0.191	6.8	23.89
4365	40.5334	116.1910	-187.4	326	KJV	0	0	0	0	70	40.3	2285	65	143	182	2.200	0.786	0.357	6.9	23.89
4366	40.5338	116.1910	-190.2	352	KJV	0	0	0	0	70	32.1	2237	62	136	256	2.194	0.531	0.242	6.8	23.89

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4367	40.5342	116.1910	-190.2	320	KJV	0	0	0	0	76	31.5	2201	76	152	171	2.000	0.889	0.444	6.8	23.90
4368	40.5346	116.1910	-190.5	315	KJV	0	0	0	0	66	31.4	2208	64	152	222	2.375	0.685	0.288	6.9	23.90
4369	40.5351	116.1910	-193.4	324	KJV	0	0	0	0	72	31.5	2309	87	74	209	0.851	0.354	0.416	6.9	23.90
4370	40.5355	116.1910	-196.8	328	KJV	0	0	0	0	77	31.6	2231	61	152	173	2.492	0.879	0.353	6.9	23.90
4371	40.5359	116.1909	-198.2	340	KJV	0	0	0	0	71	31.9	2204	60	159	152	2.650	1.046	0.395	6.9	23.90
4372	40.5363	116.1909	-200.6	355	KJV	0	0	0	0	69	32.2	2288	71	116	244	1.634	0.475	0.291	6.9	23.90
4373	40.5368	116.1909	-202.4	372	KJV	0	0	0	0	74	32.5	2322	68	168	163	2.471	1.031	0.417	6.8	23.91
4374	40.5372	116.1909	-202.8	384	KJV	0	0	0	0	74	32.8	2190	62	150	206	2.419	0.728	0.301	6.7	23.91
4375	40.5376	116.1909	-200.4	396	KJV	0	0	0	0	76	33.0	2175	72	143	187	1.986	0.765	0.385	6.8	23.91
4376	40.5380	116.1909	-200.3	414	KJV	0	0	0	0	73	33.4	2300	74	60	187	0.811	0.321	0.396	6.8	23.91
4377	40.5385	116.1909	-198.3	435	KJV	0	0	0	0	72	33.7	2339	59	157	167	2.661	0.940	0.353	6.7	23.90
4378	40.5389	116.1908	-197.0	437	KJV	0	0	0	0	83	33.8	2324	61	127	169	2.082	0.751	0.361	6.7	23.90
4379	40.5393	116.1908	-194.6	425	KJV	0	0	0	0	71	33.6	2233	76	147	181	1.934	0.812	0.420	6.6	23.90
4380	40.5398	116.1908	-191.1	432	KJV	0	0	0	0	78	33.7	2137	74	166	130	2.243	1.277	0.569	6.7	23.91
4381	40.5402	116.1908	-190.1	451	KJV	0	0	0	0	75	34.1	2239	78	45	193	0.577	0.233	0.404	6.7	23.91
4382	40.5406	116.1908	-192.3	457	KJV	0	0	0	0	74	34.2	2227	74	72	197	0.973	0.365	0.376	6.7	23.91
4383	40.5410	116.1908	-192.6	450	KJV	0	0	0	0	79	34.0	2154	64	117	194	1.828	0.603	0.330	6.7	23.92
4384	40.5415	116.1907	-195.6	447	KJV	0	0	1	0	72	34.0	2228	73	24	278	0.329	0.086	0.263	6.7	23.93
4385	40.5419	116.1907	-200.6	452	KJV	0	0	0	0	58	34.3	2136	53	85	209	1.604	0.407	0.254	6.7	23.93
4386	40.5423	116.1907	-202.4	469	KJV	0	0	0	0	76	34.6	2242	59	151	156	2.559	0.968	0.378	6.7	23.93
4387	40.5427	116.1907	-214.5	482	KJV	0	0	0	0	85	34.9	2198	58	77	254	1.328	0.303	0.228	6.7	23.93
4388	40.5432	116.1907	-216.5	479	KJV	0	0	0	0	70	34.8	2229	69	98	213	1.420	0.460	0.324	6.7	23.92
4389	40.5436	116.1907	-219.4	465	KJV	0	0	0	0	77	34.6	2206	57	130	162	2.281	0.802	0.352	6.7	23.92
4390	40.5440	116.1907	-220.2	458	KJV	0	0	0	0	74	34.4	2109	47	136	204	2.894	0.667	0.230	6.8	23.91
4391	40.5444	116.1906	-222.1	441	KJV	0	0	0	0	70	34.1	2058	70	98	204	1.400	0.480	0.343	6.8	23.91
4392	40.5449	116.1906	-227.6	428	KJV	0	0	1	0	79	33.9	1953	63	10	227	0.159	0.044	0.278	6.8	23.91
4393	40.5453	116.1906	-229.7	448	KJV	0	0	0	0	77	34.2	2095	51	152	155	2.980	0.981	0.329	6.9	23.92
4394	40.5457	116.1906	-232.6	487	KJV	0	0	0	0	70	35.0	2218	71	106	168	1.493	0.631	0.423	6.8	23.92
4395	40.5461	116.1906	-234.6	493	KJV	0	0	0	0	66	35.1	2128	54	125	213	2.315	0.587	0.254	6.9	23.93
4396	40.5466	116.1906	-231.8	492	KJV	0	0	0	0	60	35.1	2186	62	94	233	1.516	0.403	0.266	6.9	23.93
4397	40.5470	116.1906	-231.3	489	KJV	0	0	0	0	76	35.0	2022	58	79	203	1.362	0.389	0.286	7.0	23.93
4398	40.5474	116.1905	-229.6	490	KJV	0	0	0	0	76	35.0	2099	61	103	179	1.689	0.575	0.341	7.0	23.93
4399	40.5478	116.1905	-228.5	491	KJV	0	0	0	0	72	35.0	2188	84	59	168	0.702	0.351	0.500	7.0	23.94
4400	40.5483	116.1905	-227.2	493	KJV	0	0	0	0	69	35.1	2237	74	87	181	1.176	0.481	0.409	7.0	23.94
4401	40.5487	116.1905	-224.5	493	KJV	0	0	0	0	70	35.1	2257	58	106	224	1.828	0.473	0.259	7.0	23.95
4402	40.5491	116.1905	-224.0	494	KJV	0	0	0	0	73	35.1	2288	72	116	174	1.(	0.667	0.414	6.9	23.95
4403	40.5495	116.1905	-221.2	495	KJV	0	0	0	0	70	35.1	2280	56	136	150	2.429	0.907	0.373	6.9	23.95
4404	40.5500	116.1904	-217.7	495	KJV	0	0	0	0	72	37.5	2333	68	135	195	1.985	0.692	0.349	6.9	23.95
4405	40.5504	116.1904	-216.7	495	KJV	0	0	0	0	67	37.5	2268	62	194	137	3.129	1.416	0.453	6.9	23.95
4406	40.5508	116.1904	-216.4	495	KJV	0	0	0	0	71	37.5	2302	75	173	140	2.276	1.236	0.543	6.9	23.95
4407	40.5512	116.1904	-214.9	491	KJV	0	0	0	0	73	37.4	2334	61	95	228	1.557	0.417	0.268	6.9	23.95
4408	40.5517	116.1904	-213.4	490	KJV	0	0	0	0	66	37.4	2236	91	100	189	1.099	0.529	0.481	6.9	23.95
4409	40.5521	116.1904	-211.4	490	KJV	0	0	0	0	64	37.4	2447	88	163	164	1.852	0.994	0.537	6.9	23.95
4410	40.5525	116.1904	-208.9	490	TVU	0	0	0	0	83	37.4	2223	46	185	142	4.022	1.303	0.324	6.9	23.95
4411	40.5529	116.1903	-203.6	489	TVU	0	0	0	0	69	37.4	2358	73	136	183	1.863	0.743	0.399	7.0	23.96
4412	40.5534	116.1903	-196.3	490	TVU	0	0	0	0	74	37.4	2254	68	145	191	2.132	0.759	0.356	7.0	23.96
4413	40.5538	116.1903	-192.8	492	TVU	0	0	0	0	82	37.4	2488	68	108	233	1.588	0.464	0.292	7.0	23.96
4414	40.5542	116.1903	-192.5	492	TVU	0	0	0	0	73	37.4	2601	67	114	228	1.701	0.500	0.294	7.0	23.96
4415	40.5546	116.1903	-190.0	494	TVU	0	0	0	0	71	37.5	2459	86	78	226	0.907	0.345	0.381	7.0	23.97
4416	40.5551	116.1903	-189.3	489	TVU	0	0	0	0	72	37.4	2351	55	154	224	2.800	0.688	0.246	6.9	23.97
4418	40.5559	116.1902	-181.5	494	TVU	0	0	0	0	66	37.5	2399	87	77	218	0.885	0.353	0.399	7.0	23.97
4419	40.5564	116.1902	-180.9	493	TVU	0	0	0	0	64	37.5	2317	59	160	160	2.712	1.000	0.369	7.0	23.97
4420	40.5568	116.1902	-181.4	498	TVU	0	0	0	0	67	37.6	2293	90	172	124	1.911	1.387	0.726	7.0	23.98
4421	40.5572	116.1902	-177.6	502	KJV	0	0	0	0	62	37.6	2177	68	143	146	2.103	0.979	0.466	7.0	23.98

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4422	40.5576	116.1902	-175.7	547	KJV	0	0	0	0	82	38.5	2258	73	166	168	2.274	0.988	0.435	7.0	23.98
4423	40.5581	116.1902	-174.1	593	KJV	0	0	0	0	69	39.3	2438	74	98	205	1.324	0.478	0.361	7.1	23.97
4424	40.5585	116.1901	-165.0	570	KJV	0	0	0	0	75	39.2	2389	78	100	186	1.282	0.538	0.419	7.1	23.97
4425	40.5589	116.1901	-161.2	549	KJV	0	0	0	0	70	38.9	2325	96	67	201	0.698	0.333	0.478	7.2	23.97
4426	40.5593	116.1901	-155.9	518	KJV	0	0	0	0	70	38.3	2276	75	151	159	2.013	0.950	0.472	7.3	23.97
4427	40.5598	116.1901	-150.0	498	KJV	0	0	0	0	70	37.9	2263	80	101	190	1.263	0.532	0.421	7.3	23.97
4428	40.5602	116.1901	-147.6	493	KJV	0	0	0	0	71	37.8	2232	64	82	242	1.281	0.339	0.264	7.3	23.96
4429	40.5606	116.1901	-[illegible]2.1	489	KJV	0	0	0	0	69	37.7	2208	79	189	101	2.392	1.871	0.782	7.4	23.97
4430	40.5610	116.1901	-[illegible]9.5	494	KJV	0	0	0	0	79	37.8	2225	71	116	162	1.634	0.716	0.438	7.4	23.98
4431	40.5615	116.1900	-[illegible].0	498	KJV	0	0	0	0	67	37.9	2318	61	176	201	2.885	0.876	0.303	7.4	23.98
4432	40.5619	116.1900	-14[illegible].2	499	KJV	0	0	0	0	68	37.9	2455	91	142	165	1.560	0.861	0.552	7.4	23.97
4433	40.5623	116.1900	-151.9	498	KJV	0	0	0	0	79	37.9	2408	66	135	166	2.045	0.813	0.398	7.4	23.98
4434	40.5627	116.1900	-160.1	505	KJV	0	0	0	0	81	38.0	2462	70	138	174	1.971	0.793	0.402	7.4	23.98
4435	40.5632	116.1900	-171.1	506	KJV	0	0	1	0	73	38.1	2403	98	24	193	0.245	0.124	0.508	7.5	23.99
4436	40.5636	116.1900	-188.5	513	KJV	0	0	0	0	74	38.2	2700	77	155	163	2.013	0.951	0.472	7.5	23.99
4437	40.5640	116.1899	-198.1	499	KJV	0	0	0	0	65	37.9	2341	84	147	139	1.750	1.058	0.604	7.6	23.99
4438	40.5644	116.1899	-206.2	512	KJV	0	0	0	0	81	38.2	2570	73	122	197	1.671	0.619	0.371	7.7	23.99
4439	40.5649	116.1899	-209.8	499	KJV	0	0	0	0	74	37.9	2501	78	180	130	2.308	1.385	0.600	7.7	23.98
4440	40.5653	116.1899	-212.3	497	KJV	0	0	0	0	71	37.9	2522	92	119	167	1.293	0.713	0.551	7.7	23.98
4441	40.5657	116.1899	-204.6	498	KJV	0	0	0	0	73	37.9	2528	95	126	153	1.326	0.824	0.621	7.7	23.97
4442	40.5661	116.1899	-180.8	493	KJV	0	0	0	0	76	37.8	2341	69	125	162	1.812	0.772	0.426	7.7	23.97
4443	40.5666	116.1899	-140.1	456	KJV	0	0	0	0	71	32.6	2207	69	119	156	1.725	0.763	0.442	7.7	23.97
4444	40.5670	116.1898	-100.1	428	KJV	0	0	0	0	68	32.1	2099	54	156	151	2.889	1.033	0.358	7.8	23.97
4445	40.5674	116.1898	-74.3	405	KJV	0	0	0	0	69	31.7	2018	73	125	135	1.712	0.926	0.541	7.8	23.97
4446	40.5678	116.1898	-75.7	382	KJV	0	0	0	0	79	31.2	2065	37	134	155	3.622	0.865	0.239	7.8	23.97
4447	40.5683	116.1898	-86.9	357	KJV	0	0	0	0	67	30.8	2036	63	108	182	1.714	0.593	0.346	7.8	23.98
4448	40.5687	116.1898	-66.5	343	KJV	0	0	0	0	72	30.5	2004	57	73	167	1.281	0.437	0.341	7.8	23.98
4449	40.5691	116.1898	-54.8	331	KJV	0	0	0	0	67	30.2	1994	71	130	131	1.831	0.992	0.542	7.8	23.98
4450	40.5695	116.1898	-68.3	329	KJV	0	0	0	0	62	30.2	2038	50	117	201	2.340	0.582	0.249	7.8	23.98
4451	40.5700	116.1897	-93.1	328	QA2	0	0	0	0	80	30.2	1877	67	90	127	1.343	0.709	0.528	7.8	23.98
4452	40.5704	116.1897	-122.1	325	QA2	0	0	0	0	77	30.1	1974	49	124	161	2.531	0.770	0.304	7.8	23.98
4453	40.5708	116.1897	-160.3	330	QA2	0	0	0	0	75	30.2	1949	76	67	145	0.882	0.462	0.524	7.9	23.97
4454	40.5712	116.1897	-189.8	360	QA2	0	0	0	0	70	30.8	2007	47	156	119	3.319	1.311	0.395	7.9	23.97
4455	40.5717	116.1897	-196.1	375	QA2	0	0	0	0	73	31.1	1958	57	102	156	1.789	0.654	0.365	7.9	23.97
4456	40.5721	116.1897	-194.7	367	QA2	0	0	0	0	78	30.9	2066	55	96	157	1.745	0.611	0.350	8.0	23.97
4457	40.5725	116.1896	-208.5	356	QA2	0	0	0	0	65	30.7	1723	60	99	137	1.650	0.723	0.438	8.1	23.96
4458	40.5729	116.1896	-255.2	393	QA2	0	0	0	0	69	31.4	1907	68	104	148	1.529	0.703	0.459	8.1	23.96
4459	40.5734	116.1896	-302.5	474	QA2	0	0	0	0	82	32.9	2098	67	88	130	1.313	0.677	0.515	8.1	23.96
4460	40.5738	116.1896	-316.8	498	QA2	0	0	0	0	68	33.3	2085	83	100	107	1.205	0.935	0.776	8.1	23.96
4461	40.5742	116.1896	-302.0	524	QA2	0	0	1	0	77	33.7	2036	77	25	181	0.325	0.138	0.425	8.1	23.96
4462	40.5747	116.1896	-295.4	565	QA2	0	0	0	0	73	40.2	2073	61	139	125	2.279	1.112	0.488	8.0	23.96
4463	40.5751	116.1896	-293.3	603	QA2	0	0	0	0	66	40.9	2120	70	32	185	0.457	0.173	0.378	8.0	23.96
4464	40.5755	116.1895	-290.4	659	QA2	0	0	0	0	81	41.9	2007	69	42	139	0.609	0.302	0.496	8.0	23.96
4465	40.5759	116.1895	-290.9	716	QA2	1	0	0	0	74	42.8	1988	36	178	46	4.944	3.870	0.783	8.0	23.96
4466	40.5764	116.1895	-286.2	772	QA2	1	0	0	0	69	43.6	2127	89	37	142	0.416	0.261	0.627	8.0	23.96
4467	40.5768	116.1895	-283.7	824	QA2	1	0	0	0	69	44.3	2069	91	95	73	1.044	1.301	1.247	8.0	23.96
4468	40.5772	116.1895	-280.9	864	QA2	1	0	0	0	70	44.9	2062	78	81	103	1.038	0.736	0.757	8.0	23.97
4469	40.5776	116.1895	-276.5	871	QA2	1	0	0	0	67	45.0	2060	59	78	172	1.322	0.453	0.343	8.0	23.97
4470	40.5781	116.1895	-274.2	882	QA2	1	0	0	0	59	45.1	1988	57	51	185	0.895	0.276	0.308	7.9	23.99
4471	40.5785	116.1894	-270.9	879	QA2	1	1	0	0	73	45.1	2022	71	112	26	1.577	4.308	2.731	8.0	24.00
4473	40.5793	116.1894	-261.3	860	KJV	1	0	0	0	77	44.8	2185	67	89	126	1.328	0.706	0.532	7.9	24.01
4474	40.5798	116.1894	-257.9	848	KJV	1	0	0	0	73	44.7	2072	57	65	137	1.140	0.474	0.416	7.9	24.02
4475	40.5802	116.1894	-253.5	858	KJV	1	0	0	0	75	44.8	2067	65	80	152	1.231	0.526	0.428	8.0	24.02
4476	40.5806	116.1894	-252.5	860	KJV	1	0	0	0	69	44.8	2151	82	41	144	0.500	0.285	0.569	8.0	24.02

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4477	40.5810	116.1893	-249.4	865	KJV	1	0	1	0	71	44.9	2257	85	12	203	0.141	0.059	0.419	8.0	24.03
4478	40.5815	116.1893	-243.6	843	KJV	1	0	0	0	74	44.6	2104	56	101	115	1.804	0.878	0.487	7.9	24.03
4479	40.5819	116.1893	-240.3	844	KJV	1	0	0	0	77	44.6	2117	55	97	142	1.764	0.683	0.387	7.8	24.04
4480	40.5823	116.1893	-234.2	858	KJV	1	0	0	0	67	44.8	2158	90	49	178	0.544	0.275	0.506	7.8	24.04
4481	40.5826	116.1893	-230.2	847	KJV	1	0	0	0	67	44.7	2196	85	68	123	0.800	0.553	0.691	7.7	24.04
4482	40.5830	116.1894	-226.1	823	KJV	1	0	0	0	66	44.8	2131	63	77	131	1.222	0.588	0.481	7.7	24.03
4483	40.5833	116.1894	-222.6	779	KJV	1	0	0	0	67	44.2	2186	47	106	142	2.255	0.746	0.331	7.7	24.03
4484	40.5837	116.1895	-217.6	742	KJV	1	0	0	0	69	43.7	2131	54	142	127	2.630	1.118	0.425	7.6	24.03
4485	40.5840	116.1895	-217.0	683	KJV	0	0	0	0	74	42.7	2003	46	54	176	1.174	0.307	0.261	7.6	24.03
4486	40.5843	116.1895	-222.0	622	KJV	0	0	0	0	62	41.7	1977	45	98	163	2.178	0.601	0.276	7.6	24.02
4487	40.5847	116.1896	-234.2	553	KJV	0	0	0	0	63	40.5	1952	49	108	130	2.204	0.831	0.377	7.5	24.02
4488	40.5850	116.1896	-251.8	499	KJV	0	0	0	0	75	39.4	1955	45	68	168	1.511	0.405	0.268	7.5	24.01
4489	40.5853	116.1897	-275.8	493	KJV	0	0	0	0	66	39.3	1999	50	116	117	2.320	0.991	0.427	7.4	24.00
4490	40.5857	116.1897	-300.7	473	KJV	0	0	0	0	69	38.9	1958	63	88	150	1.397	0.587	0.420	7.3	24.00
4491	40.5860	116.1898	-323.1	444	KJV	0	0	0	0	81	38.3	1957	78	69	148	0.885	0.466	0.527	7.3	23.99
4492	40.5863	116.1898	-342.4	427	KJV	0	0	0	0	78	38.0	2004	66	107	140	1.621	0.764	0.471	7.2	23.98
4493	40.5867	116.1898	-354.3	425	KJV	0	0	1	0	68	37.9	2081	80	25	221	0.313	0.113	0.362	7.1	23.97
4495	40.5873	116.1899	-349.8	469	KJV	0	0	0	0	75	38.9	2543	92	121	186	1.315	0.651	0.495	7.0	23.95
4496	40.5877	116.1900	-340.8	485	KJV	0	0	1	0	79	39.2	2497	92	27	252	0.293	0.107	0.365	7.0	23.94
4497	40.5880	116.1900	-318.2	493	KJV	0	0	0	0	78	39.3	2569	79	124	238	1.570	0.521	0.332	6.9	23.93
4498	40.5883	116.1900	-299.6	495	KJV	0	0	0	0	76	39.4	2347	80	116	203	1.450	0.571	0.394	6.9	23.92
4499	40.5887	116.1901	-279.3	495	KJV	0	0	0	0	67	39.4	2440	107	76	176	0.710	0.432	0.608	6.9	23.91
4500	40.5890	116.1901	-256.2	492	KJV	0	0	0	0	71	39.3	2435	77	71	209	0.922	0.340	0.368	6.8	23.90
4501	40.5894	116.1902	-232.6	496	KJV	0	0	0	0	74	39.4	2344	116	41	164	0.353	0.250	0.707	6.8	23.89
4502	40.5897	116.1902	-209.3	498	KJV	0	0	0	0	76	37.4	2171	65	104	201	1.600	0.517	0.323	6.7	23.88
4503	40.5900	116.1902	-190.8	518	KJV	0	0	0	0	65	37.8	2288	62	96	178	1.548	0.539	0.348	6.8	23.87
4504	40.5904	116.1903	-176.9	586	KJV	0	0	0	0	70	39.0	2417	78	103	197	1.321	0.523	0.396	6.8	23.86
4505	40.5907	116.1903	-169.7	625	KJV	0	0	0	0	70	39.6	2491	76	143	174	1.882	0.822	0.437	6.7	23.85
4506	40.5910	116.1904	-164.1	656	KJV	0	0	1	0	75	40.1	2451	94	27	239	0.287	0.113	0.393	6.7	23.83
4507	40.5914	116.1904	-163.8	687	KJV	0	0	0	0	71	40.6	2434	55	172	185	3.127	0.930	0.297	6.7	23.81
4508	40.5917	116.1905	-165.9	721	KJV	1	0	0	0	69	41.1	2509	49	123	208	2.510	0.591	0.236	6.7	23.81
4509	40.5920	116.1905	-170.1	691	KJV	0	0	0	0	66	40.7	2435	56	141	161	2.518	0.876	0.348	6.6	23.79
4510	40.5924	116.1905	-173.6	656	KJV	0	0	0	0	77	40.1	2188	60	52	237	0.867	0.219	0.253	6.5	23.79
4511	40.5927	116.1906	-174.9	639	KJV	0	0	0	0	76	39.9	2113	52	189	96	3.635	1.969	0.542	6.6	23.78
4512	40.5930	116.1906	-177.5	621	KJV	0	0	0	0	84	39.6	2090	63	75	227	1.190	0.330	0.278	6.6	23.77
4513	40.5934	116.1907	-178.5	609	KJV	0	0	1	0	73	39.4	2133	80	26	187	0.325	0.139	0.428	6.6	23.76
4514	40.5937	116.1907	-179.4	606	KJV	0	0	0	0	69	39.3	2003	60	102	122	1.700	0.836	0.492	6.6	23.75
4515	40.5940	116.1907	-176.7	594	KJV	0	0	0	0	63	39.1	2066	54	93	149	1.722	0.624	0.362	6.7	23.73
4516	40.5944	116.1908	-172.8	600	KJV	0	0	0	0	80	39.2	2020	43	99	144	2.302	0.688	0.299	6.7	23.72
4517	40.5947	116.1908	-165.5	569	KJV	0	0	0	0	69	38.7	2002	35	146	133	4.171	1.098	0.263	6.6	23.72
4518	40.5950	116.1909	-149.2	569	KJV	0	0	0	0	71	38.7	2080	37	77	190	2.081	0.405	0.195	6.6	23.71
4519	40.5954	116.1909	-125.3	520	KJV	0	0	0	0	73	37.8	1938	54	32	165	0.593	0.194	0.327	6.5	23.71
4520	40.5957	116.1909	-92.1	497	IR	0	0	0	0	68	37.4	1765	55	74	143	1.345	0.517	0.385	6.5	23.70
4521	40.5961	116.1910	-48.3	494	IR	0	0	0	0	75	37.9	1880	39	84	185	2.154	0.454	0.211	6.5	23.69
4522	40.5964	116.1910	37.1	477	IR	0	0	0	0	72	37.6	1735	53	100	80	1.887	1.250	0.663	6.5	23.68
4523	40.5967	116.1911	51.7	453	IR	0	0	0	0	88	37.1	1695	38	75	146	1.974	0.514	0.260	6.5	23.67
4524	40.5971	116.1911	49.4	468	IR	0	0	1	0	81	37.4	1890	60	22	195	0.367	0.113	0.308	6.5	23.66
4525	40.5974	116.1912	34.8	479	IR	0	0	0	0	77	37.6	1932	48	44	188	0.917	0.234	0.255	6.5	23.66
4526	40.5977	116.1912	5.5	484	IR	0	0	0	0	84	37.7	1923	58	77	118	1.328	0.653	0.492	6.5	23.67
4528	40.5984	116.1913	-81.5	498	IR	0	0	0	0	74	38.0	1954	66	96	113	1.455	0.850	0.584	6.4	23.68
4529	40.5987	116.1913	-129.9	531	IR	0	0	1	0	73	38.6	2086	50	23	217	0.460	0.106	0.230	6.4	23.68
4530	40.5991	116.1914	-166.0	574	IR	0	0	0	0	71	39.4	1934	61	46	191	0.754	0.241	0.319	6.4	23.69
4531	40.5994	116.1914	-188.5	589	IR	0	0	0	0	75	39.6	2007	50	140	115	2.800	1.217	0.435	6.4	23.70
4532	40.5997	116.1914	-194.6	627	IR	0	0	0	0	72	40.3	2131	79	146	126	1.848	1.159	0.627	6.4	23.70

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4533	40.6001	116.1915	-196.4	616	IR	0	0	0	0	74	40.1	2003	28	151	93	5.393	1.624	0.301	6.4	23.70
4534	40.6004	116.1915	-182.5	618	IR	0	0	0	0	76	40.1	2078	61	94	126	1.541	0.746	0.484	6.4	23.70
4535	40.6007	116.1916	-175.9	626	IR	0	0	0	0	71	40.3	2030	55	84	143	1.527	0.587	0.385	6.5	23.70
4536	40.6011	116.1916	-170.2	639	IR	0	0	0	0	76	40.5	1998	64	104	132	1.625	0.788	0.485	6.5	23.71
4537	40.6014	116.1917	-161.5	658	IR	0	0	0	0	77	40.8	2163	53	74	149	1.396	0.497	0.356	6.5	23.71
4538	40.6018	116.1917	-156.0	643	IR	0	0	0	0	66	40.6	2079	71	95	132	1.338	0.720	0.538	6.4	23.71
4539	40.6021	116.1917	-149.2	619	IR	0	0	0	0	81	40.2	2037	45	107	146	2.378	0.733	0.308	6.4	23.71
4540	40.6024	116.1918	-147.0	595	TVU	0	0	0	0	72	39.7	2096	36	155	112	4.306	1.384	0.321	6.4	23.71
4541	40.6028	116.1918	-156.2	563	TVU	0	0	0	0	72	37.8	1934	38	36	212	0.947	0.170	0.179	6.4	23.72
4542	40.6031	116.1919	-170.6	513	TVU	0	0	0	0	73	37.0	1859	55	85	108	1.545	0.787	0.509	6.4	23.72
4543	40.6034	116.1919	-191.6	497	TVU	0	0	0	0	80	36.7	1968	64	63	126	0.984	0.500	0.508	6.4	23.73
4544	40.6038	116.1919	-213.8	494	TVU	0	0	0	0	72	36.6	1980	48	144	124	3.000	1.161	0.387	6.4	23.73
4545	40.6041	116.1920	-239.5	491	TVU	0	0	0	0	78	36.6	2104	47	177	102	3.766	1.735	0.461	6.5	23.74
4546	40.6044	116.1920	-284.3	476	TVU	0	0	0	0	72	36.3	2048	68	155	148	2.279	1.047	0.459	6.5	23.75
4547	40.6048	116.1921	-306.2	455	TVU	0	0	0	0	71	35.9	2061	54	134	143	2.481	0.937	0.378	6.6	23.75
4548	40.6051	116.1921	-326.5	435	TVU	0	0	0	0	76	35.5	2091	44	178	141	4.045	1.262	0.312	6.6	23.75
4550	40.6058	116.1922	-358.1	463	TVU	0	0	0	0	62	36.0	2184	64	143	174	2.234	0.822	0.368	6.6	23.75
4551	40.6061	116.1922	-352.2	475	TVU	0	0	0	0	81	36.3	2271	63	189	132	3.000	1.432	0.477	6.6	23.74
4552	40.6064	116.1923	-336.8	477	TVU	0	0	0	0	79	36.3	2282	59	103	180	1.746	0.572	0.328	6.6	23.73
4553	40.6068	116.1923	-316.1	468	TVU	0	0	0	0	72	36.1	1997	48	133	167	2.771	0.796	0.287	6.6	23.73
4554	40.6071	116.1924	-289.0	466	TVU	0	0	0	0	86	36.1	2120	70	62	180	0.886	0.344	0.389	6.6	23.73
4555	40.6074	116.1924	-257.7	471	TVU	0	0	0	0	87	36.2	2236	67	74	184	1.104	0.402	0.364	6.6	23.73
4556	40.6078	116.1924	-223.1	467	TVU	0	0	0	0	74	36.1	2211	68	165	129	2.426	1.279	0.527	6.5	23.72
4557	40.6081	116.1925	-183.2	451	TVU	0	0	0	0	82	35.8	2039	60	71	184	1.183	0.386	0.326	6.5	23.72
4558	40.6085	116.1925	-116.5	429	TVU	0	0	0	0	71	35.4	1931	57	62	180	1.088	0.344	0.317	6.5	23.72
4559	40.6088	116.1926	-113.4	403	TVU	0	0	0	0	73	34.8	1963	62	71	154	1.145	0.461	0.403	6.5	23.72
4560	40.6091	116.1926	-142.3	383	TVU	0	0	0	0	77	34.4	1900	46	138	139	3.000	0.993	0.331	6.5	23.72
4561	40.6095	116.1926	-193.0	372	TVU	0	0	0	0	82	38.9	1935	42	88	163	2.095	0.540	0.258	6.5	23.72
4562	40.6098	116.1927	-241.0	369	TVU	0	0	0	0	69	38.8	1969	57	107	151	1.877	0.709	0.377	6.4	23.72
4563	40.6101	116.1927	-270.4	368	TVU	0	0	0	0	82	38.8	1936	53	114	154	2.151	0.740	0.344	6.4	23.71
4564	40.6105	116.1928	-281.9	354	TVU	0	0	0	0	78	38.4	1920	41	120	135	2.927	0.889	0.304	6.5	23.72
4565	40.6108	116.1928	-300.7	343	TVU	0	0	0	0	69	38.2	1907	38	138	153	3.632	0.902	0.248	6.5	23.71
4566	40.6111	116.1928	-349.9	340	TVU	0	0	0	0	72	38.1	1825	54	74	154	1.370	0.481	0.351	6.5	23.71
4567	40.6115	116.1929	-418.4	357	TVU	0	0	0	0	70	38.5	1874	76	88	125	1.158	0.704	0.608	6.6	23.72
4568	40.6118	116.1929	-475.8	387	TVU	0	0	0	0	81	39.2	2007	68	97	145	1.426	0.669	0.469	6.6	23.73
4569	40.6121	116.1930	-496.5	425	TVU	0	0	0	0	76	40.1	1952	56	88	162	1.571	0.543	0.346	6.6	23.73
4570	40.6125	116.1930	-470.7	471	TVU	0	0	0	0	72	41.1	2037	70	54	213	0.771	0.254	0.329	6.6	23.74
4571	40.6128	116.1931	-344.0	488	TVU	0	0	0	0	73	41.5	2183	61	87	217	1.426	0.401	0.281	6.6	23.74
4572	40.6131	116.1931	-277.2	461	TVU	0	0	0	0	73	40.9	2150	62	96	207	1.548	0.464	0.300	6.6	23.74
4573	40.6135	116.1931	-226.5	417	TVU	0	0	0	0	63	39.9	2013	65	73	162	1.123	0.451	0.401	6.7	23.74
4574	40.6138	116.1932	-197.4	388	TVU	0	0	0	0	60	39.2	2096	41	140	180	3.415	0.778	0.228	6.6	23.74
4575	40.6142	116.1932	-190.0	366	TVU	0	0	0	0	73	38.7	2038	54	54	207	1.000	0.261	0.261	6.6	23.75
4576	40.6145	116.1933	-207.5	357	TVU	0	0	0	0	77	38.5	2036	72	49	180	0.681	0.272	0.400	6.6	23.76
4577	40.6148	116.1933	-237.2	353	TVU	0	0	0	0	69	38.4	2055	68	69	190	1.015	0.363	0.358	6.6	23.76
4578	40.6152	116.1933	-262.9	348	TVU	0	0	0	0	76	38.3	2034	61	43	211	0.705	0.204	0.289	6.6	23.76
4579	40.6155	116.1934	-278.9	337	TVU	0	0	0	0	74	38.0	2161	82	106	164	1.293	0.646	0.500	6.6	23.76
4580	40.6158	116.1934	-282.0	322	TVU	0	0	0	0	74	39.2	2149	50	149	180	2.980	0.828	0.278	6.6	23.76
4581	40.6162	116.1935	-279.0	306	TVU	0	0	0	0	78	38.8	2219	65	157	153	2.415	1.026	0.425	6.5	23.76
4582	40.6165	116.1935	-283.8	293	TVU	0	0	0	0	74	38.5	2083	64	108	193	1.688	0.560	0.332	6.5	23.76
4583	40.6168	116.1936	-345.6	283	TVU	0	0	0	0	80	38.2	2091	63	182	151	2.889	1.205	0.417	6.5	23.76
4584	40.6172	116.1936	-387.2	288	TVU	0	0	0	0	81	38.3	2048	57	115	179	2.018	0.642	0.318	6.4	23.75
4585	40.6175	116.1936	-418.0	300	TVU	0	0	0	0	74	38.6	2111	44	118	213	2.682	0.554	0.207	6.4	23.75
4586	40.6178	116.1937	-435.5	319	TVU	0	0	0	0	68	39.1	2069	61	125	164	2.049	0.762	0.372	6.4	23.75
4587	40.6182	116.1937	-446.0	342	TVU	0	0	0	0	81	39.8	2003	62	108	170	1.742	0.635	0.365	6.3	23.75

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4588	40.6185	116.1938	-449.8	355	TVU	0	0	0	0	68	40.1	2238	79	91	234	1.152	0.389	0.338	6.3	23.75
4589	40.6188	116.1938	-459.7	362	TVU	0	0	0	0	68	40.3	2028	56	86	201	1.536	0.428	0.279	6.3	23.75
4590	40.6192	116.1938	-478.3	374	TVU	0	0	0	0	70	40.6	2126	64	144	160	2.250	0.900	0.400	6.3	23.75
4591	40.6195	116.1939	-503.2	397	TVU	0	0	0	0	77	41.1	2207	67	96	219	1.433	0.438	0.306	6.3	23.75
4592	40.6198	116.1939	-521.1	433	TVU	0	0	0	0	68	42.0	2240	69	126	165	1.826	0.764	0.418	6.3	23.75
4593	40.6202	116.1940	-529.5	473	TVU	0	0	0	0	73	42.9	2378	75	130	200	1.733	0.650	0.375	6.3	23.75
4594	40.6205	116.1940	-522.0	494	TVU	0	0	0	0	71	43.4	2336	78	85	221	1.090	0.385	0.353	6.3	23.74
4595	40.6209	116.1940	-475.1	494	TVU	0	0	0	0	68	43.4	2376	76	142	145	1.868	0.979	0.524	6.3	23.74
4596	40.6212	116.1941	-435.8	492	TVU	0	0	0	0	77	43.3	2275	74	95	172	1.284	0.552	0.430	6.2	23.74
4597	40.6215	116.1941	-379.8	489	TVU	0	0	0	0	75	43.3	2350	74	76	223	1.027	0.341	0.332	6.2	23.74
4598	40.6219	116.1942	-316.3	479	TVU	0	0	0	0	73	43.0	2417	67	115	180	1.716	0.639	0.372	6.3	23.74
4599	40.6222	116.1942	-264.2	455	TVU	0	0	0	0	73	49.0	2271	74	32	202	0.432	0.158	0.366	6.2	23.74
4600	40.6225	116.1943	-258.3	431	TVU	0	0	0	0	78	48.3	2102	69	84	159	1.217	0.528	0.434	6.1	23.74
4601	40.6229	116.1943	-300.2	403	TVU	0	0	0	0	72	47.5	2215	69	102	181	1.478	0.564	0.381	6.1	23.74
4602	40.6232	116.1943	-361.6	372	TVU	0	0	0	0	66	46.7	2083	57	134	152	2.351	0.882	0.375	6.1	23.73
4603	40.6235	116.1944	-417.7	352	TVU	0	0	0	0	74	46.1	2140	56	118	194	2.107	0.608	0.289	6.1	23.74
4604	40.6239	116.1944	-454.7	340	TVU	0	0	0	0	77	45.7	2104	59	79	202	1.339	0.391	0.292	6.1	23.73
4605	40.6242	116.1945	-483.0	331	TVU	0	0	0	0	73	45.5	2048	45	97	212	2.156	0.458	0.212	6.1	23.73
4606	40.6245	116.1945	-498.2	327	TVU	0	0	0	0	76	45.3	1943	67	63	184	0.940	0.342	0.364	6.1	23.73
4607	40.6249	116.1945	-504.7	318	TVU	0	0	0	0	75	45.1	1958	43	55	212	1.279	0.259	0.203	6.1	23.72
4608	40.6252	116.1946	-500.6	313	TVU	0	0	0	0	81	44.9	1922	35	144	170	4.114	0.847	0.206	6.1	23.72
4609	40.6255	116.1946	-496.2	322	TVU	0	0	0	0	71	45.2	2005	56	70	177	1.250	0.395	0.316	6.2	23.72
4610	40.6259	116.1947	-485.8	331	TVU	0	0	0	0	73	45.5	1937	48	134	118	2.792	1.136	0.407	6.2	23.71
4611	40.6262	116.1947	-480.0	335	TVU	0	0	0	0	75	45.6	1951	73	52	165	0.712	0.315	0.442	6.1	23.71
4612	40.6266	116.1947	-478.9	330	TVU	0	0	0	0	69	45.4	1970	52	164	150	3.154	1.093	0.347	6.1	23.71
4613	40.6269	116.1948	-481.6	325	TVU	0	0	0	0	80	45.3	2065	65	77	164	1.185	0.470	0.396	6.2	23.71
4614	40.6272	116.1948	-475.0	330	TVU	0	0	0	0	72	45.4	2086	62	49	198	0.790	0.247	0.313	6.2	23.70
4615	40.6276	116.1949	-456.6	338	TVU	0	0	0	0	65	45.7	2116	54	154	113	2.852	1.363	0.478	6.2	23.70
4616	40.6279	116.1948	-429.0	341	TVU	0	0	0	0	75	45.7	1965	48	96	155	2.000	0.619	0.310	6.1	23.69
4617	40.6282	116.1948	-392.2	348	TVU	0	0	0	0	76	46.0	2074	56	171	153	3.054	1.118	0.366	6.1	23.69
4618	40.6285	116.1947	-337.5	357	TVU	0	0	0	0	69	48.8	2037	69	76	162	1.101	0.469	0.426	6.1	23.69
4619	40.6289	116.1947	-274.2	364	TVU	0	0	1	0	69	49.1	1969	71	19	190	0.268	0.100	0.374	6.0	23.68
4620	40.6292	116.1946	-272.4	383	TVU	0	0	0	0	71	49.6	2035	60	99	157	1.650	0.631	0.382	6.0	23.68
4621	40.6295	116.1946	-277.9	405	TVU	0	0	0	0	76	50.3	2103	47	135	186	2.872	0.726	0.253	6.0	23.67
4622	40.6298	116.1945	-246.3	417	TVU	0	0	0	0	76	50.6	2244	79	41	223	0.519	0.184	0.354	6.1	23.66
4623	40.6302	116.1945	-193.9	403	TVU	0	0	0	0	81	50.2	2361	84	38	245	0.452	0.155	0.343	6.0	23.65
4624	40.6305	116.1944	-140.1	367	TVU	0	0	0	0	79	49.1	2087	57	127	210	2.228	0.605	0.271	6.0	23.66
4625	40.6308	116.1944	-114.9	351	TVU	0	0	0	0	73	48.6	2112	30	212	194	7.067	1.093	0.155	6.0	23.66
4626	40.6311	116.1944	-141.3	354	TVU	0	0	0	0	75	48.7	2065	53	122	209	2.302	0.584	0.254	5.9	23.66
4627	40.6315	116.1943	-215.6	369	TVU	0	0	0	0	76	49.2	2196	56	91	207	1.625	0.440	0.271	5.9	23.66
4628	40.6318	116.1943	-297.9	390	TVU	0	0	0	0	75	49.8	2219	41	116	180	2.829	0.644	0.228	5.9	23.66
4629	40.6321	116.1942	-345.4	405	TVU	0	0	0	0	77	50.3	2127	75	77	191	1.027	0.403	0.393	5.8	23.65
4630	40.6325	116.1942	-349.6	414	TVU	0	0	0	0	79	50.5	2106	44	91	192	2.068	0.474	0.229	5.8	23.65
4631	40.6328	116.1941	-328.8	410	TVU	0	0	0	0	75	50.4	2174	48	109	179	2.271	0.609	0.268	5.8	23.65
4632	40.6331	116.1941	-261.9	413	TVU	0	0	0	0	70	50.5	2122	58	142	150	2.448	0.947	0.387	5.9	23.65
4633	40.6334	116.1940	-230.3	417	TVU	0	0	0	0	77	50.6	2230	61	150	147	2.459	1.020	0.415	5.9	23.65
4634	40.6338	116.1940	-193.7	422	TVU	0	0	0	0	72	50.7	2503	59	105	217	1.780	0.434	0.272	5.9	23.65
4635	40.6341	116.1939	-156.4	422	TVU	0	0	0	0	71	50.8	2396	72	163	164	2.264	0.994	0.439	5.9	23.65
4636	40.6344	116.1939	-129.6	425	TVU	0	0	0	0	74	50.8	2439	80	106	205	1.325	0.517	0.390	6.0	23.64
4637	40.6347	116.1938	-113.8	427	TVU	0	0	0	0	79	42.9	2452	63	108	221	1.714	0.489	0.285	5.9	23.64
4638	40.6351	116.1938	-104.8	418	TVU	0	0	0	0	75	42.6	2482	70	133	196	1.900	0.679	0.357	6.0	23.64
4639	40.6354	116.1937	-97.6	400	TVU	0	0	0	0	76	42.2	2391	46	205	191	4.457	1.073	0.241	6.1	23.64
4640	40.6357	116.1937	-103.2	385	TVU	0	0	0	0	81	41.8	2409	49	234	164	4.776	1.427	0.299	6.1	23.64
4641	40.6360	116.1936	-132.1	381	TVU	0	0	0	0	76	41.7	2266	55	93	239	1.691	0.389	0.230	6.1	23.63

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4642	40.6364	116.1936	-190.8	383	TVU	0	0	0	0	80	41.8	2161	63	92	200	1.460	0.460	0.315	6.1	23.63
4643	40.6367	116.1935	-245.3	381	TVU	0	0	0	0	78	41.7	2330	77	119	183	1.545	0.650	0.421	6.1	23.63
4644	40.6370	116.1935	-303.8	375	TVU	0	0	0	0	80	41.6	2323	71	117	195	1.648	0.600	0.364	6.2	23.64
4645	40.6374	116.1935	-331.2	375	TVU	0	0	0	0	80	41.6	2415	55	187	178	3.400	1.051	0.309	6.2	23.64
4646	40.6377	116.1934	-365.6	372	TVU	0	0	0	0	88	41.5	2311	71	140	193	1.972	0.725	0.368	6.2	23.64
4647	40.6380	116.1934	-407.4	370	TVU	0	0	0	0	83	41.5	2434	63	153	196	2.429	0.781	0.321	6.2	23.64
4648	40.6383	116.1933	-438.8	374	TVU	0	0	0	0	86	41.6	2476	71	101	208	1.423	0.486	0.341	6.2	23.64
4649	40.6387	116.1933	-425.0	370	TVU	0	0	0	0	72	41.5	2453	60	228	188	3.800	1.213	0.319	6.2	23.64
4650	40.6390	116.1932	-349.2	366	TVU	0	0	0	0	66	41.4	2387	72	89	226	1.236	0.394	0.319	6.2	23.64
4651	40.6393	116.1932	-237.0	358	TVU	0	0	0	0	68	41.1	2312	59	207	165	3.508	1.255	0.358	6.2	23.64
4652	40.6396	116.1931	-132.2	353	TVU	0	0	0	0	76	41.0	2295	77	125	150	1.623	0.833	0.513	6.2	23.64
4653	40.6400	116.1931	-73.0	341	TVU	0	0	0	0	75	40.7	2332	67	91	238	1.358	0.382	0.282	6.3	23.63
4654	40.6403	116.1930	-57.3	325	TVU	0	0	0	0	77	40.3	2275	70	128	214	1.829	0.598	0.327	6.3	23.63
4655	40.6406	116.1930	-61.6	307	TVU	0	0	0	0	68	39.8	2237	59	100	233	1.695	0.429	0.253	6.3	23.63
4656	40.6409	116.1929	-126.2	295	TVU	0	0	0	0	75	41.5	2211	48	128	194	2.667	0.660	0.247	6.3	23.63
4657	40.6413	116.1929	-198.9	289	TVU	0	0	0	0	79	41.3	2191	56	133	196	2.375	0.679	0.286	6.3	23.62
4658	40.6416	116.1928	-293.2	282	TVU	0	0	0	0	76	41.1	2235	75	50	236	0.667	0.212	0.318	6.3	23.62
4659	40.6419	116.1928	-400.6	279	TVU	0	0	0	0	75	41.0	2204	48	178	199	3.708	0.894	0.241	6.3	23.61
4660	40.6422	116.1927	-486.0	282	TVU	0	0	0	0	82	41.1	2215	70	82	207	1.171	0.396	0.338	6.3	23.60
4661	40.6426	116.1927	-514.0	280	TVU	0	0	0	0	81	41.1	2057	60	86	206	1.433	0.417	0.291	6.3	23.60
4662	40.6429	116.1926	-535.7	275	TVU	0	0	0	0	75	40.9	2094	47	72	237	1.532	0.304	0.198	6.3	23.60
4663	40.6432	116.1926	-549.6	279	TVU	0	0	0	0	70	41.0	2154	55	189	176	3.436	1.074	0.313	6.4	23.59
4664	40.6436	116.1926	-540.3	280	TVU	0	0	0	0	78	41.1	2102	72	65	208	0.903	0.313	0.346	6.4	23.59
4665	40.6439	116.1925	-522.6	292	TVU	0	0	0	0	79	41.4	2137	64	98	179	1.531	0.547	0.358	6.4	23.58
4666	40.6442	116.1925	-493.0	302	TVU	0	0	0	0	80	41.7	2037	49	140	167	2.857	0.838	0.293	6.4	23.58
4667	40.6445	116.1924	-464.1	313	TVU	0	0	0	0	76	42.0	2094	55	85	196	1.545	0.434	0.281	6.4	23.57
4668	40.6449	116.1924	-431.2	319	TVU	0	0	0	0	79	42.2	2124	71	76	172	1.070	0.442	0.413	6.4	23.57
4669	40.6452	116.1923	-332.5	308	TVU	0	0	0	0	82	41.9	2044	52	64	236	1.231	0.271	0.220	6.4	23.57
4670	40.6455	116.1923	-289.0	305	TVU	0	0	0	0	81	41.8	2029	56	73	197	1.304	0.371	0.284	6.4	23.56
4671	40.6458	116.1922	-260.3	311	TVU	0	0	0	0	74	42.0	2012	52	110	154	2.115	0.714	0.338	6.3	23.56
4672	40.6462	116.1922	-234.1	331	TVU	0	0	0	0	85	42.5	1919	57	67	154	1.175	0.435	0.370	6.3	23.55
4673	40.6465	116.1921	-207.9	353	TVU	0	0	0	0	70	43.1	1942	63	107	139	1.698	0.770	0.453	6.3	23.55
4674	40.6468	116.1921	-203.2	369	TVU	0	0	0	0	86	43.6	1909	56	132	114	2.357	1.158	0.491	6.4	23.54
4675	40.6471	116.1920	-220.3	378	TVU	0	0	0	0	81	43.7	1798	52	82	129	1.577	0.636	0.403	6.4	23.54
4676	40.6475	116.1920	-248.3	395	TVU	0	0	0	0	77	44.1	1933	53	99	143	1.868	0.692	0.371	6.4	23.54
4677	40.6478	116.1919	-277.4	434	TVU	0	0	0	0	84	45.1	1819	30	132	121	4.400	1.091	0.248	6.5	23.54
4678	40.6481	116.1919	-299.0	483	TVU	0	0	0	0	73	46.3	2008	63	36	169	0.571	0.213	0.373	6.6	23.53
4679	40.6485	116.1919	-301.6	491	TVU	0	0	0	0	73	46.5	1937	48	107	146	2.229	0.733	0.329	6.6	23.53
4680	40.6489	116.1919	-286.6	491	TVU	0	0	0	0	77	46.5	1979	56	77	153	1.375	0.503	0.366	6.6	23.53
4681	40.6493	116.1919	-225.6	484	TVU	0	0	0	0	71	46.3	1946	61	46	167	0.754	0.275	0.365	6.6	23.52
4682	40.6497	116.1919	-201.7	469	TVU	0	0	0	0	80	46.0	1991	60	81	170	1.350	0.476	0.353	6.7	23.52
4683	40.6501	116.1919	-187.8	458	TVU	0	0	0	0	80	45.7	1993	35	153	128	4.371	1.195	0.273	6.7	23.51
4684	40.6505	116.1919	-178.8	447	TVU	0	0	0	0	83	45.4	1968	52	108	148	2.077	0.730	0.351	6.8	23.51
4685	40.6509	116.1919	-175.0	453	TVU	0	0	1	0	79	45.6	1805	58	19	151	0.328	0.126	0.384	6.8	23.50
4686	40.6513	116.1919	-169.3	470	TVU	0	0	0	0	77	46.0	1879	58	100	127	1.724	0.787	0.457	6.8	23.50
4687	40.6517	116.1918	-157.4	485	TVU	0	0	0	0	72	46.4	2037	50	99	158	1.980	0.627	0.316	6.9	23.50
4688	40.6521	116.1918	-131.9	475	TVU	0	0	0	0	74	46.1	1891	63	80	72	1.270	1.111	0.875	6.9	23.50
4689	40.6525	116.1918	-94.0	457	TVU	0	0	0	0	74	45.7	1951	59	36	149	0.610	0.242	0.396	6.9	23.50
4690	40.6529	116.1918	-49.5	429	TVU	0	0	0	0	74	45.0	1859	55	48	180	0.873	0.267	0.306	6.9	23.50
4691	40.6533	116.1918	-10.1	408	TVU	0	0	1	0	77	44.5	1826	57	9	186	0.158	0.048	0.306	6.9	23.50
4692	40.6537	116.1918	19.7	384	TVU	0	0	0	0	84	43.8	1846	36	147	131	4.083	1.122	0.275	6.9	23.49
4693	40.6541	116.1918	31.6	370	TVU	0	0	0	0	84	43.5	1811	50	65	133	1.300	0.489	0.376	6.9	23.48
4694	40.6544	116.1918	29.4	363	TVU	0	0	0	0	80	41.5	1809	50	60	118	1.200	0.508	0.424	7.0	23.48
4695	40.6548	116.1918	15.6	357	TVU	0	0	0	0	68	41.3	1880	42	100	155	2.381	0.645	0.271	7.0	23.47

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4696	40.6552	116.1918	11.2	365	TVU	0	0	0	0	93	41.5	1711	35	57	150	1.629	0.380	0.233	7.0	23.46
4697	40.6556	116.1918	22.3	370	TVU	0	0	1	0	68	41.7	1836	57	7	196	0.123	0.036	0.291	7.1	23.44
4698	40.6560	116.1918	28.5	364	TVU	0	0	0	0	80	41.5	1762	30	176	118	5.867	1.492	0.254	7.1	23.44
4699	40.6564	116.1918	26.6	371	TVU	0	0	0	0	81	41.7	1900	51	86	165	1.686	0.521	0.309	7.2	23.43
4700	40.6568	116.1918	17.7	381	TVU	0	0	0	0	80	41.9	1890	40	114	152	2.850	0.750	0.263	7.2	23.41
4701	40.6572	116.1918	5.7	378	TVU	0	0	0	0	83	41.9	1807	57	84	134	1.474	0.627	0.425	7.2	23.40
4702	40.6576	116.1918	-6.7	380	TVU	0	0	0	0	83	41.9	1722	50	64	150	1.280	0.427	0.333	7.2	23.38
4703	40.6580	116.1918	-11.9	389	TVU	0	0	0	0	78	42.1	1871	44	58	157	1.318	0.369	0.280	7.2	23.36
4704	40.6584	116.1918	-8.0	402	TVU	0	0	0	0	89	42.5	1979	61	72	119	1.180	0.605	0.513	7.2	23.35
4705	40.6588	116.1918	26.6	403	TVU	0	0	0	0	75	42.5	1934	50	98	133	1.960	0.737	0.376	7.1	23.34
4706	40.6592	116.1918	39.1	399	TVU	0	0	0	0	82	42.4	1827	48	77	132	1.604	0.583	0.364	7.0	23.34
4707	40.6596	116.1917	45.9	402	TVU	0	0	1	0	83	42.5	1953	55	7	186	0.127	0.038	0.296	7.0	23.32
4708	40.6600	116.1917	58.4	403	TVU	0	0	0	0	77	42.5	1800	50	80	133	1.600	0.602	0.376	6.9	23.29
4709	40.6604	116.1917	86.8	389	TVU	0	0	0	0	86	42.1	1845	32	60	204	1.875	0.294	0.157	7.0	23.28
4710	40.6608	116.1917	131.0	370	TVU	0	0	0	0	81	41.7	1863	51	65	196	1.275	0.332	0.260	7.0	23.27
4711	40.6612	116.1917	188.1	357	TVU	0	0	0	0	74	41.3	1827	34	58	155	1.706	0.374	0.219	6.9	23.24
4712	40.6616	116.1917	255.3	347	TVU	0	0	0	0	76	41.1	1833	60	93	126	1.550	0.738	0.476	6.9	23.22
4713	40.6620	116.1917	318.6	343	TVU	0	0	0	0	84	33.4	1921	61	63	156	1.033	0.404	0.391	6.8	23.20
4714	40.6623	116.1917	362.4	341	TVU	0	0	0	0	84	33.4	1810	44	110	127	2.500	0.866	0.346	6.8	23.18
4715	40.6627	116.1917	383.1	331	TVU	0	0	0	0	88	33.2	1831	44	87	174	1.977	0.500	0.253	6.7	23.16
4716	40.6631	116.1917	388.1	325	TVU	0	0	0	0	84	33.0	1808	44	114	144	2.591	0.792	0.306	6.7	23.14
4717	40.6635	116.1917	384.8	317	TVU	0	0	0	0	81	32.9	1710	43	123	128	2.860	0.961	0.336	6.6	23.12
4718	40.6639	116.1917	394.0	316	TVU	0	0	1	0	91	32.8	1785	42	-6	208	-0.143	-0.029	0.202	6.7	23.09
4719	40.6643	116.1917	409.8	310	TVU	0	0	0	0	81	32.7	1801	41	105	123	2.561	0.854	0.333	6.6	23.07
4720	40.6647	116.1917	392.6	309	TVU	0	0	0	0	80	32.7	1743	43	112	128	2.605	0.875	0.336	6.6	23.06
4721	40.6651	116.1917	348.4	319	TVU	0	0	0	0	89	32.9	1642	34	108	124	3.176	0.871	0.274	6.5	23.03
4722	40.6655	116.1917	309.5	329	TVU	0	0	0	0	91	33.2	1660	37	96	138	2.595	0.696	0.268	6.4	23.01
4723	40.6659	116.1917	278.9	336	TVU	0	0	0	0	94	33.3	1825	53	80	136	1.509	0.588	0.390	6.4	23.00
4724	40.6663	116.1917	257.3	345	TVU	0	0	0	0	83	33.5	1721	48	64	130	1.333	0.492	0.369	6.4	22.98
4725	40.6667	116.1917	248.3	346	TVU	0	0	0	0	88	33.5	1693	31	141	130	4.548	1.085	0.238	6.3	22.96
4726	40.6671	116.1917	237.5	341	TVU	0	0	1	0	88	33.4	1620	47	18	143	0.383	0.126	0.329	6.2	22.95
4727	40.6675	116.1917	214.7	332	TVU	0	0	0	0	83	33.2	1622	39	95	149	2.436	0.638	0.262	6.2	22.93
4728	40.6679	116.1916	169.9	345	TVU	0	0	0	0	82	33.5	1681	33	47	161	1.424	0.292	0.205	6.2	22.93
4729	40.6683	116.1916	113.6	363	TVU	0	0	1	0	97	33.9	1716	51	8	169	0.157	0.047	0.302	6.1	22.92
4730	40.6687	116.1916	12.2	376	TVU	0	0	0	0	85	34.2	1856	40	63	143	1.575	0.441	0.280	6.1	22.92
4731	40.6691	116.1916	-24.2	381	TVU	0	0	0	0	84	34.3	1807	29	176	118	6.069	1.492	0.246	6.1	22.93
4732	40.6695	116.1916	-53.9	380	TVU	0	0	0	0	88	29.7	1859	43	57	186	1.326	0.306	0.231	6.1	22.94
4733	40.6699	116.1916	-63.5	395	TVU	0	0	0	0	95	30.0	1824	52	81	123	1.558	0.659	0.423	6.0	22.94
4734	40.6702	116.1916	-47.5	417	TVU	0	0	0	0	91	30.3	1845	33	114	109	3.455	1.046	0.303	6.0	22.94
4735	40.6706	116.1916	-10.0	423	TVU	0	0	0	0	88	30.4	1933	60	91	121	1.517	0.752	0.496	5.9	22.93
4736	40.6710	116.1916	26.7	415	TVU	0	0	0	0	92	30.3	1989	51	98	153	1.922	0.641	0.333	5.8	22.93
4737	40.6714	116.1916	55.9	399	TVU	0	0	0	0	87	30.0	1953	57	33	194	0.579	0.170	0.294	5.7	22.93
4738	40.6718	116.1916	84.8	387	TVU	0	0	0	0	97	29.8	1884	42	159	133	3.786	1.195	0.316	5.6	22.93
4739	40.6722	116.1916	124.5	369	TVU	0	0	0	0	81	29.5	1784	41	116	126	2.829	0.921	0.325	5.5	22.92
4740	40.6726	116.1916	186.6	355	TVU	0	0	0	0	91	29.2	1808	45	96	135	2.133	0.711	0.333	5.4	22.91
4741	40.6730	116.1916	262.3	345	TVU	0	0	0	0	80	29.0	1822	61	104	143	1.705	0.727	0.427	5.4	22.91
4742	40.6734	116.1916	420.0	330	TVU	0	0	0	0	82	28.8	1792	50	81	155	1.620	0.523	0.323	5.3	22.90
4743	40.6738	116.1916	477.4	316	TVU	0	0	0	0	84	28.5	1891	52	158	116	3.038	1.362	0.448	5.3	22.90
4744	40.6742	116.1916	508.4	310	TVU	0	0	0	0	85	28.4	1826	47	102	153	2.170	0.667	0.307	5.2	22.88
4745	40.6746	116.1916	505.5	316	TVU	0	0	0	0	88	28.5	1814	38	119	130	3.132	0.915	0.292	5.1	22.87
4746	40.6750	116.1916	494.6	326	TVU	0	0	0	0	92	28.7	1844	50	68	170	1.360	0.400	0.294	5.0	22.87
4747	40.6754	116.1916	464.7	332	TVU	0	0	0	0	76	28.8	1867	54	46	157	0.852	0.293	0.344	4.9	22.86
4748	40.6758	116.1915	466.5	334	TVU	0	0	0	0	77	28.8	1702	35	77	145	2.200	0.531	0.241	4.7	22.85
4749	40.6762	116.1915	497.0	329	TVU	0	0	0	0	90	28.7	1794	46	80	134	1.739	0.597	0.343	4.6	22.84

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4750	40.6766	116.1915	547.8	327	TVU	0	0	0	0	85	28.7	1777	43	137	121	3.186	1.132	0.355	4.6	22.84
4751	40.6770	116.1915	573.6	309	TVU	0	0	0	0	82	26.1	1685	51	67	143	1.314	0.469	0.357	4.4	22.83
4752	40.6774	116.1915	523.5	312	TVU	0	0	0	0	86	26.2	1640	43	64	136	1.488	0.471	0.316	4.3	22.82
4753	40.6778	116.1915	437.6	327	TVU	0	0	0	0	86	26.4	1640	43	54	153	1.256	0.353	0.281	4.2	22.80
4754	40.6782	116.1915	295.2	363	TVU	0	0	0	0	84	27.1	1570	55	60	144	1.091	0.417	0.382	4.2	22.77
4755	40.6785	116.1915	242.5	389	TVU	0	0	0	0	86	27.5	1717	54	49	108	0.907	0.454	0.500	4.1	22.77
4756	40.6789	116.1915	194.0	397	TVU	0	0	0	0	87	27.6	1764	37	151	101	4.081	1.495	0.366	4.1	22.77
4757	40.6793	116.1915	161.7	417	TVU	0	0	0	0	83	27.9	1697	42	108	123	2.571	0.878	0.341	4.1	22.74
4758	40.6797	116.1915	152.4	424	TVU	0	0	0	0	90	28.0	1760	46	151	94	3.283	1.606	0.489	4.0	22.73
4759	40.6801	116.1915	155.7	408	TVU	0	0	0	0	88	27.8	1887	53	125	132	2.358	0.947	0.402	4.0	22.75
4760	40.6805	116.1915	162.1	388	TVU	0	0	0	0	79	27.5	1707	74	63	118	0.851	0.534	0.627	3.9	22.75
4761	40.6809	116.1915	165.0	371	TVU	0	0	0	0	85	27.2	1808	41	132	107	3.220	1.234	0.383	3.8	22.75
4762	40.6813	116.1915	155.2	362	TVU	0	0	0	0	92	27.0	1711	46	60	177	1.304	0.339	0.260	3.7	22.74
4763	40.6817	116.1915	139.2	359	TVU	0	0	0	0	90	27.0	1669	45	93	142	2.067	0.655	0.317	3.7	22.73
4764	40.6821	116.1915	126.6	366	TVU	0	0	0	0	89	27.1	1743	34	107	154	3.147	0.695	0.221	3.7	22.72
4765	40.6825	116.1915	119.6	371	TVU	0	0	0	0	90	27.2	1650	42	79	159	1.881	0.497	0.264	3.6	22.72
4766	40.6829	116.1915	103.5	378	TVU	0	0	0	0	103	27.3	1767	48	55	135	1.146	0.407	0.356	3.5	22.72
4767	40.6833	116.1915	85.6	382	TVU	0	0	0	0	97	27.4	1735	36	115	122	3.194	0.943	0.295	3.5	22.71
4768	40.6837	116.1915	61.5	397	TVU	0	0	0	0	91	27.6	1777	40	85	171	2.125	0.497	0.234	3.4	22.71
4769	40.6841	116.1914	47.5	419	TVU	0	0	0	0	90	28.0	1718	51	65	142	1.275	0.458	0.359	3.3	22.70
4770	40.6845	116.1914	37.9	445	TVU	0	0	0	0	91	24.5	1801	67	38	153	0.567	0.248	0.438	3.3	22.71
4771	40.6849	116.1914	33.9	468	TVU	0	0	0	0	83	24.8	1789	47	67	152	1.426	0.441	0.309	3.2	22.70
4772	40.6853	116.1914	35.4	466	TVU	0	0	0	0	83	24.8	1788	51	86	120	1.686	0.717	0.425	3.2	22.71
4773	40.6857	116.1914	40.2	458	TVU	0	0	0	0	89	24.7	1835	43	112	130	2.605	0.862	0.331	3.1	22.71
4774	40.6861	116.1914	40.0	465	TVU	0	0	0	0	95	24.8	1755	49	85	110	1.735	0.773	0.445	3.0	22.70
4775	40.6864	116.1914	30.6	471	TVU	0	0	0	0	85	24.9	1743	45	139	101	3.089	1.376	0.446	3.0	22.70
4776	40.6868	116.1914	27.6	473	TVU	0	0	0	0	83	24.9	1684	57	36	134	0.632	0.269	0.425	3.0	22.69
4777	40.6872	116.1914	32.2	474	TVU	0	0	0	0	86	24.9	1740	69	36	104	0.522	0.346	0.663	2.9	22.70
4778	40.6876	116.1914	44.5	479	TVU	0	0	0	0	90	25.0	1773	25	160	101	6.400	1.584	0.248	2.9	22.69
4779	40.6880	116.1914	70.8	479	TVU	0	0	0	0	92	25.0	1694	30	80	146	2.667	0.548	0.205	2.8	22.68
4780	40.6884	116.1914	87.0	476	TVU	0	0	0	0	89	24.9	1897	40	94	138	2.350	0.681	0.290	2.8	22.67
4781	40.6888	116.1914	110.0	469	TVU	0	0	0	0	87	24.8	1783	45	92	137	2.044	0.672	0.328	2.7	22.66
4782	40.6892	116.1914	139.2	455	TVU	0	0	0	0	90	24.6	1814	43	100	129	2.326	0.775	0.333	2.6	22.65
4783	40.6896	116.1914	157.5	425	TVU	0	0	0	0	96	24.3	1778	55	78	121	1.418	0.645	0.455	2.5	22.65
4784	40.6900	116.1914	142.8	397	TVU	0	0	0	0	91	23.9	1726	43	55	144	1.279	0.382	0.299	2.4	22.65
4785	40.6904	116.1914	87.2	382	TVU	0	0	0	0	79	23.6	1656	30	137	124	4.567	1.105	0.242	2.2	22.65
4786	40.6908	116.1914	8.7	382	TVU	0	0	0	0	98	23.6	1623	39	115	127	2.949	0.906	0.307	2.2	22.65
4787	40.6912	116.1914	-76.6	404	TVU	0	0	0	0	86	24.0	1651	50	101	107	2.020	0.944	0.467	2.2	22.65
4788	40.6916	116.1914	-163.5	436	TVU	0	0	0	0	96	24.4	1662	23	138	140	6.000	0.986	0.164	2.1	22.65
4789	40.6920	116.1913	-244.3	485	TVU	0	0	0	0	95	21.7	1730	51	103	94	2.020	1.096	0.543	2.1	22.65
4790	40.6924	116.1913	-304.8	512	OVI	0	0	0	0	93	22.0	1666	36	113	93	3.139	1.215	0.387	2.0	22.66
4791	40.6928	116.1913	-336.7	552	OVI	0	0	0	0	93	22.4	1606	34	55	163	1.618	0.337	0.209	2.0	22.66
4792	40.6932	116.1913	-324.9	550	OVI	0	0	0	0	85	22.4	1614	39	88	112	2.256	0.786	0.348	2.0	22.65
4793	40.6936	116.1913	-303.6	525	OVI	0	0	0	0	95	22.1	1559	36	61	92	1.694	0.663	0.391	2.0	22.64
4794	40.6940	116.1913	-278.9	513	OVI	0	0	0	0	95	22.0	1449	17	96	94	5.647	1.021	0.181	2.0	22.66
4795	40.6943	116.1913	-256.7	530	OVI	0	0	0	0	95	22.2	1493	28	84	71	3.000	1.183	0.394	1.9	22.67
4796	40.6947	116.1913	-234.6	571	OVI	0	0	0	0	81	22.6	1540	38	108	46	2.842	2.348	0.826	1.9	22.67
4797	40.6951	116.1913	-214.8	637	OVI	0	0	0	0	82	23.2	1591	43	93	83	2.163	1.120	0.518	1.9	22.68
4798	40.6955	116.1913	-196.6	707	OVI	1	0	0	0	86	23.9	1712	37	115	63	3.108	1.825	0.587	1.9	22.69
4799	40.6959	116.1913	-183.2	756	OVI	1	0	0	0	94	24.3	1881	52	45	162	0.865	0.278	0.321	1.8	22.69
4800	40.6963	116.1913	-168.9	820	OVI	1	0	0	0	80	24.8	1804	45	150	92	3.333	1.630	0.489	1.8	22.69
4801	40.6967	116.1913	-159.1	850	OVI	1	0	0	0	86	25.0	1888	68	35	221	0.515	0.158	0.308	1.8	22.70
4802	40.6971	116.1913	-150.7	860	OVI	1	0	0	0	79	25.1	1807	41	89	180	2.171	0.494	0.228	1.9	22.71
4803	40.6975	116.1913	-136.8	819	OVI	1	0	0	0	89	24.8	1790	40	62	174	1.550	0.356	0.230	1.9	22.72

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4804	40.6979	116.1913	-129.5	760	OVI	1	0	0	0	93	24.3	1846	54	101	100	1.870	1.010	0.540	1.9	22.73
4805	40.6983	116.1913	-126.3	710	OVI	1	0	0	0	88	23.9	1819	46	131	88	2.848	1.489	0.523	1.9	22.74
4806	40.6987	116.1913	-118.7	691	OVI	0	0	0	0	89	23.7	1820	29	94	184	3.241	0.511	0.158	1.9	22.74
4807	40.6991	116.1913	-115.6	677	OVI	0	0	0	0	82	23.6	1790	40	70	116	1.750	0.603	0.345	1.8	22.75
4808	40.6995	116.1913	-111.2	684	OVI	0	0	0	0	78	21.9	1776	31	86	169	2.774	0.509	0.183	1.8	22.76
4809	40.6999	116.1912	-104.8	705	OVI	1	0	0	0	86	22.0	1809	35	88	160	2.514	0.550	0.219	1.8	22.77
4810	40.7003	116.1912	-100.5	761	OVI	1	0	0	0	93	22.5	2001	42	113	147	2.690	0.769	0.286	1.8	22.77
4811	40.7007	116.1912	-98.7	768	OVI	1	0	0	0	91	22.5	2124	32	118	201	3.688	0.587	0.159	1.8	22.79
4812	40.7011	116.1912	-95.9	762	OVI	1	0	0	0	88	22.5	1975	54	81	136	1.500	0.596	0.397	1.7	22.79
4813	40.7015	116.1912	-92.7	754	OVI	1	0	0	0	89	22.4	1886	12	131	186	10.917	0.704	0.065	1.8	22.80
4814	40.7019	116.1912	-92.9	751	OVI	1	0	0	0	86	22.4	1944	29	129	170	4.448	0.759	0.171	1.7	22.80
4815	40.7023	116.1912	-85.9	725	OVI	1	0	0	0	91	22.2	1831	20	118	168	5.900	0.702	0.119	1.7	22.80
4816	40.7026	116.1912	-85.9	718	OVI	1	0	0	0	95	22.1	1811	28	97	116	3.464	0.836	0.241	1.8	22.81
4817	40.7030	116.1912	-81.6	778	OVI	1	0	0	0	97	22.6	1860	38	83	102	2.184	0.814	0.373	1.8	22.81
4818	40.7034	116.1912	-79.7	830	OVI	1	0	0	0	87	23.0	1763	25	82	151	3.280	0.543	0.166	1.8	22.82
4819	40.7038	116.1912	-77.8	901	OVI	1	0	0	0	73	23.5	2018	24	191	102	7.958	1.873	0.235	1.9	22.82
4820	40.7042	116.1912	-75.2	967	OVI	1	0	0	0	83	23.9	2122	31	132	158	4.258	0.835	0.196	1.9	22.83
4821	40.7046	116.1912	-74.2	996	OVI	1	0	0	0	82	24.0	2019	58	67	163	1.155	0.411	0.356	1.9	22.84
4822	40.7050	116.1912	-72.9	990	OVI	1	0	0	0	92	24.0	2057	46	131	151	2.848	0.868	0.305	1.9	22.84
4823	40.7054	116.1912	-70.1	933	OVI	1	0	0	0	101	23.7	1957	30	99	170	3.300	0.582	0.176	2.0	22.84
4824	40.7058	116.1912	-70.8	871	OVI	1	0	0	0	81	23.3	1938	27	117	204	4.333	0.574	0.132	2.0	22.86
4825	40.7062	116.1912	-70.6	833	OVI	1	0	0	0	83	23.0	1875	35	169	53	4.829	3.189	0.660	2.0	22.87
4826	40.7066	116.1912	-69.8	835	OVI	1	0	0	0	92	23.0	1894	17	116	160	6.824	0.725	0.106	2.0	22.87
4827	40.7070	116.1912	-68.4	854	OVI	1	0	0	0	90	26.0	1959	16	117	142	7.313	0.824	0.113	2.0	22.88
4828	40.7074	116.1912	-64.0	831	OVI	1	0	0	0	80	25.8	2033	39	101	163	2.590	0.620	0.239	2.1	22.89
4829	40.7078	116.1912	-65.9	846	OVI	1	0	0	0	87	25.9	2019	15	152	168	10.133	0.905	0.089	2.1	22.89
4830	40.7082	116.1911	-64.9	841	OVI	1	0	0	0	82	25.9	2026	41	158	106	3.854	1.491	0.387	2.1	22.90
4831	40.7086	116.1911	-63.5	830	OVI	1	0	0	0	90	25.8	1851	41	151	101	3.683	1.495	0.406	2.1	22.91
4832	40.7090	116.1911	-63.1	837	OVI	1	0	0	0	82	25.9	2026	20	193	132	9.650	1.462	0.152	2.2	22.92
4833	40.7094	116.1911	-61.1	860	OVI	1	0	0	0	85	26.0	1965	28	152	129	5.429	1.178	0.217	2.2	22.92
4834	40.7098	116.1911	-64.2	876	OVI	1	0	0	0	81	26.2	2107	32	206	94	6.438	2.191	0.340	2.2	22.92
4835	40.7102	116.1911	-64.0	862	OVI	1	0	0	0	93	26.1	2026	36	140	102	3.889	1.373	0.353	2.2	22.93
4836	40.7105	116.1911	-61.8	831	OVI	1	0	0	0	77	25.8	1969	62	79	145	1.274	0.545	0.428	2.2	22.93
4837	40.7109	116.1911	-61.9	780	OVI	1	0	0	0	94	25.4	2172	24	130	140	5.417	0.929	0.171	2.3	22.93
4838	40.7113	116.1911	-62.6	688	OVI	0	0	0	0	69	24.6	2036	27	220	80	8.148	2.750	0.337	2.3	22.92
4839	40.7117	116.1911	-63.6	652	OVI	0	0	0	0	90	24.3	1990	21	96	141	4.571	0.681	0.149	2.4	22.92
4840	40.7121	116.1911	-63.1	627	OVI	0	0	0	0	85	24.0	1939	50	131	125	2.620	1.048	0.400	2.4	22.93
4841	40.7125	116.1911	-63.6	614	OVI	0	0	0	0	92	23.9	1865	22	192	65	8.727	2.954	0.338	2.5	22.93
4842	40.7129	116.1911	-64.0	600	OVI	0	0	0	0	91	23.7	1860	32	175	87	5.469	2.011	0.368	2.5	22.93
4843	40.7133	116.1911	-64.2	565	OVI	0	0	0	0	90	23.4	1900	15	96	191	6.400	0.503	0.079	2.5	22.92
4844	40.7137	116.1911	-63.1	547	OVI	0	0	0	0	92	23.2	1859	32	124	146	3.875	0.849	0.219	2.5	22.91
4845	40.7141	116.1911	-67.3	521	OVI	0	0	0	0	90	22.9	1743	49	99	135	2.020	0.733	0.363	2.5	22.90
4846	40.7145	116.1911	-67.2	502	OVI	0	0	0	0	74	27.9	1707	33	171	84	5.182	2.036	0.393	2.5	22.89
4847	40.7149	116.1911	-69.1	498	OVI	0	0	0	0	92	27.8	1616	29	98	114	3.379	0.860	0.254	2.6	22.88
4848	40.7153	116.1911	-68.6	496	OVI	0	0	0	0	83	27.8	1693	38	69	125	1.816	0.552	0.304	2.6	22.88
4849	40.7157	116.1911	-68.6	498	OVI	0	0	0	0	90	27.8	1611	24	112	118	4.667	0.949	0.203	2.6	22.88
4850	40.7161	116.1910	-70.0	533	OVI	0	0	0	0	86	28.3	1539	18	137	83	7.611	1.651	0.217	2.6	22.88
4851	40.7165	116.1910	-71.5	562	OVI	0	0	0	0	86	28.6	1783	50	68	125	1.360	0.544	0.400	2.7	22.89
4852	40.7169	116.1910	-77.9	569	OVI	0	0	0	0	90	28.7	1920	44	148	87	3.364	1.701	0.506	2.7	22.90
4853	40.7173	116.1910	-78.8	580	OVI	0	0	0	0	85	28.9	1971	28	169	112	6.036	1.509	0.250	2.7	22.92
4854	40.7177	116.1910	-84.5	601	OVI	0	0	0	0	91	29.2	2043	30	117	156	3.900	0.750	0.192	2.8	22.93
4855	40.7181	116.1910	-84.1	618	OVI	0	0	0	0	91	29.4	2302	60	65	216	1.083	0.301	0.278	2.8	22.93
4856	40.7184	116.1910	-87.0	623	OVI	0	0	0	0	94	29.4	2094	36	77	191	2.139	0.403	0.188	2.8	22.93
4857	40.7188	116.1910	-89.4	599	OVI	0	0	0	0	85	29.1	2146	32	238	55	7.438	4.327	0.582	2.8	22.94

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4858	40.7192	116.1910	-92.9	571	OVI	0	0	0	0	87	28.8	2117	43	132	101	3.070	1.307	0.426	2.9	22.93
4859	40.7196	116.1910	-94.2	527	OVI	0	0	0	0	83	28.2	1942	21	149	138	7.095	1.080	0.152	2.9	22.94
4860	40.7200	116.1910	-93.3	512	OVI	0	0	0	0	76	28.0	1953	51	103	117	2.020	0.880	0.436	2.9	22.94
4861	40.7204	116.1910	-90.2	499	OVI	0	0	0	0	81	27.8	1862	49	136	110	2.776	1.236	0.445	3.0	22.95
4862	40.7208	116.1910	-90.3	504	OVI	0	0	0	0	82	27.9	1800	47	152	98	3.234	1.551	0.480	3.0	22.96
4863	40.7212	116.1910	-91.9	523	OVI	0	0	0	0	88	28.1	1993	31	102	173	3.290	0.590	0.179	3.1	22.96
4864	40.7216	116.1910	-86.7	537	OVI	0	0	0	0	81	28.3	2093	34	149	107	4.382	1.393	0.318	3.1	22.96
4865	40.7220	116.1910	-82.5	501	OVI	0	0	0	0	75	33.2	2114	28	154	131	5.500	1.176	0.214	3.1	22.96
4866	40.7224	116.1910	-78.8	492	OVI	0	0	0	0	83	33.1	2136	43	170	147	3.953	1.156	0.293	3.2	22.96
4867	40.7228	116.1910	-72.5	465	OVI	0	0	0	0	85	32.6	2106	40	106	190	2.650	0.558	0.211	3.2	22.96
4868	40.7232	116.1910	-73.9	442	OVI	0	0	0	0	92	32.2	1919	39	162	92	4.154	1.761	0.424	3.2	22.96
4869	40.7236	116.1910	-82.6	444	OVI	0	0	0	0	89	32.2	2065	44	121	163	2.750	0.742	0.270	3.3	22.96
4870	40.7240	116.1910	-89.7	479	OVI	0	0	0	0	89	32.8	2106	44	153	123	3.477	1.244	0.358	3.3	22.96
4871	40.7244	116.1909	-88.3	496	OVI	0	0	0	0	95	33.1	2012	51	135	117	2.647	1.154	0.436	3.3	22.95
4872	40.7248	116.1909	-77.5	498	OVI	0	0	0	0	91	33.2	1987	41	176	105	4.293	1.676	0.390	3.3	22.94
4873	40.7252	116.1909	-60.0	497	OVI	0	0	0	0	75	33.1	2009	52	102	144	1.962	0.708	0.361	3.3	22.93
4874	40.7256	116.1909	-40.9	498	OVI	0	0	0	0	83	33.2	2025	35	116	171	3.314	0.678	0.205	3.3	22.92
4875	40.7260	116.1909	-20.7	495	OVI	0	0	0	0	92	33.1	2013	33	95	206	2.879	0.461	0.160	3.2	22.92
4876	40.7263	116.1909	-2.4	492	OVI	0	0	0	0	77	33.1	2107	46	140	195	3.043	0.718	0.236	3.2	22.92
4877	40.7267	116.1909	17.1	491	OVI	0	0	0	0	91	33.0	2185	63	104	135	1.651	0.770	0.467	3.2	22.91
4878	40.7271	116.1909	16.7	492	OVI	0	0	0	0	84	33.1	2085	59	90	148	1.525	0.608	0.399	3.2	22.91
4879	40.7275	116.1909	14.1	481	OVI	0	0	0	0	88	32.9	2222	50	108	175	2.160	0.617	0.286	3.2	22.91
4880	40.7279	116.1909	15.9	487	TVU	0	0	0	0	86	33.0	2041	44	135	150	3.068	0.900	0.293	3.2	22.90
4881	40.7283	116.1909	28.5	492	TVU	0	0	0	0	89	33.1	2160	52	131	150	2.519	0.873	0.347	3.2	22.90
4882	40.7287	116.1909	52.6	492	TVU	0	0	0	0	90	33.0	2238	86	55	167	0.640	0.329	0.515	3.1	22.89
4883	40.7291	116.1909	90.0	481	TVU	0	0	0	0	88	32.9	2058	75	82	148	1.093	0.554	0.507	3.1	22.89
4884	40.7295	116.1909	132.7	471	TVU	0	0	0	0	86	36.7	2071	57	122	168	2.140	0.726	0.339	3.1	22.88
4885	40.7299	116.1909	176.2	465	TVU	0	0	0	0	90	36.6	2076	58	60	207	1.034	0.290	0.280	3.0	22.87
4886	40.7303	116.1909	215.5	469	TVU	0	0	0	0	86	36.6	2055	48	104	165	2.167	0.630	0.291	3.0	22.86
4887	40.7307	116.1909	242.5	469	TVU	0	0	0	0	91	36.6	2084	41	166	183	4.049	0.907	0.224	3.0	22.85
4888	40.7311	116.1909	257.2	452	TVU	0	0	0	0	81	36.3	2176	70	147	140	2.100	1.050	0.500	3.0	22.84
4889	40.7315	116.1909	257.4	448	TVU	0	0	0	0	75	36.2	2227	68	73	231	1.074	0.316	0.294	3.0	22.83
4890	40.7319	116.1909	255.2	477	TVU	0	0	0	0	84	36.8	2327	46	212	156	4.609	1.359	0.295	2.9	22.81
4891	40.7323	116.1908	254.3	490	TVU	0	0	0	0	86	37.0	2344	57	128	219	2.246	0.584	0.260	2.9	22.80
4892	40.7327	116.1908	265.7	495	TVU	0	0	0	0	98	37.1	2375	57	114	247	2.000	0.462	0.231	2.9	22.78
4893	40.7331	116.1908	277.5	494	TVU	0	0	0	0	97	37.1	2442	56	110	222	1.964	0.495	0.252	2.8	22.77
4894	40.7335	116.1908	293.4	487	TVU	0	0	0	0	91	37.0	2450	44	119	267	2.705	0.446	0.165	2.8	22.76
4895	40.7339	116.1908	302.7	487	TVU	0	0	0	0	86	37.0	2466	83	89	223	1.072	0.399	0.372	2.7	22.73
4896	40.7343	116.1908	300.0	484	TVU	0	0	0	0	83	36.9	2513	63	174	284	2.762	0.613	0.222	2.7	22.72
4897	40.7346	116.1908	282.4	476	TVU	0	0	0	0	74	36.8	2446	55	160	232	2.857	0.690	0.241	2.6	22.72
4898	40.7350	116.1908	251.3	461	TVU	0	0	0	0	84	36.5	2614	61	179	239	2.934	0.749	0.255	2.6	22.71
4899	40.7354	116.1908	208.5	448	TVU	0	0	0	0	94	36.2	2443	60	112	225	1.867	0.498	0.267	2.5	22.70
4900	40.7358	116.1908	169.5	442	TVU	0	0	0	0	85	36.1	2484	68	114	263	1.676	0.433	0.259	2.5	22.69
4901	40.7362	116.1908	173.5	433	TVU	0	0	0	0	99	35.9	2521	77	126	235	1.636	0.536	0.328	2.4	22.68
4902	40.7366	116.1908	215.3	409	TVU	0	0	0	0	83	35.4	2411	57	166	163	2.912	1.018	0.350	2.4	22.66
4903	40.7370	116.1908	251.3	378	TVU	0	0	0	0	83	32.6	2389	69	142	216	2.058	0.657	0.319	2.3	22.64
4904	40.7374	116.1908	274.2	353	TVU	0	0	0	0	95	32.1	2224	51	164	212	3.216	0.774	0.241	2.3	22.63
4905	40.7378	116.1908	290.8	334	TVU	0	0	0	0	86	31.7	2251	72	133	187	1.847	0.711	0.385	2.2	22.61
4906	40.7382	116.1908	307.5	322	TVU	0	0	0	0	78	31.4	2131	68	97	220	1.426	0.441	0.309	2.1	22.58
4907	40.7386	116.1908	322.2	309	TVU	0	0	0	0	87	31.1	2137	57	200	147	3.509	1.361	0.388	2.1	22.57
4908	40.7390	116.1908	335.1	302	TVU	0	0	0	0	106	31.0	2188	69	56	207	0.812	0.271	0.333	2.1	22.55
4909	40.7394	116.1908	357.8	293	TVU	0	0	0	0	84	30.8	2046	55	121	194	2.200	0.624	0.284	2.0	22.53
4910	40.7398	116.1908	383.4	292	TVU	0	0	0	0	103	30.8	2130	50	140	184	2.800	0.761	0.272	1.9	22.51
4911	40.7402	116.1908	395.7	293	TVU	0	0	0	0	94	30.8	2062	73	54	201	0.740	0.269	0.363	1.8	22.49

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4912	40.7406	116.1907	394.0	296	TVU	0	0	0	0	102	30.9	1967	59	126	174	2.136	0.724	0.339	1.8	22.48
4913	40.7410	116.1907	358.5	298	TVU	0	0	0	0	103	30.9	1988	30	149	186	4.967	0.801	0.161	1.7	22.47
4914	40.7414	116.1907	324.6	305	TVU	0	0	0	0	103	31.0	2008	54	86	183	1.593	0.470	0.295	1.6	22.46
4915	40.7418	116.1907	301.9	306	TVU	0	0	0	0	94	31.1	2096	54	123	170	2.278	0.724	0.318	1.6	22.45
4916	40.7421	116.1908	287.4	304	TVU	0	0	0	0	93	31.0	2045	62	88	171	1.419	0.515	0.363	1.6	22.45
4917	40.7425	116.1908	249.4	292	TVU	0	0	0	0	87	30.8	1949	52	86	196	1.654	0.439	0.265	1.4	22.44
4918	40.7429	116.1908	197.5	306	TVU	0	0	0	0	91	31.1	1950	45	119	170	2.644	0.700	0.265	1.4	22.44
4919	40.7433	116.1908	166.8	336	TVU	0	0	0	0	109	31.7	2001	54	67	153	1.241	0.438	0.353	1.2	22.44
4920	40.7437	116.1908	159.9	366	TVU	0	0	0	0	89	32.3	2006	50	103	178	2.060	0.579	0.281	1.1	22.45
4921	40.7441	116.1908	161.5	380	TVU	0	0	0	0	96	32.6	2031	54	130	158	2.407	0.823	0.342	1.0	22.45
4922	40.7445	116.1908	154.0	395	TVU	0	0	0	0	99	33.2	2124	65	123	144	1.892	0.854	0.451	0.9	22.46
4923	40.7449	116.1908	124.4	414	TVU	0	0	0	0	95	33.6	2024	55	60	203	1.091	0.296	0.271	0.9	22.46
4924	40.7453	116.1908	66.4	464	TVU	0	0	1	0	102	34.5	2161	58	28	260	0.483	0.108	0.223	0.8	22.47
4925	40.7457	116.1908	-76.3	496	TVU	0	0	0	0	92	35.1	2137	61	117	158	1.918	0.741	0.386	0.8	22.48
4926	40.7460	116.1909	-116.4	514	TVU	0	0	0	0	95	35.4	2170	55	136	200	2.473	0.680	0.275	0.7	22.48
4927	40.7464	116.1909	-138.9	563	TVU	0	0	1	0	91	36.2	2162	78	-27	230	-0.346	-0.117	0.339	0.7	22.49
4928	40.7468	116.1909	-154.8	609	OVI	0	0	0	0	88	36.9	2291	53	86	262	1.623	0.328	0.202	0.7	22.51
4929	40.7472	116.1909	-167.7	615	OVI	0	0	0	0	99	37.0	2224	57	57	207	1.000	0.275	0.275	0.6	22.52
4930	40.7476	116.1909	-188.6	620	OVI	0	0	1	0	84	37.1	2115	78	18	199	0.231	0.090	0.392	0.6	22.54
4931	40.7480	116.1909	-208.8	624	OVI	0	0	0	0	83	37.2	2254	50	197	151	3.940	1.305	0.331	0.5	22.56
4932	40.7484	116.1909	-230.1	640	OVI	0	0	0	0	83	37.4	2127	57	71	224	1.246	0.317	0.254	0.4	22.59
4933	40.7488	116.1909	-245.0	645	OVI	0	0	0	0	79	37.5	2223	49	122	164	2.490	0.744	0.299	0.4	22.61
4934	40.7492	116.1909	-249.7	650	OVI	0	0	0	0	87	37.6	2078	63	51	226	0.810	0.226	0.279	0.3	22.63
4935	40.7496	116.1909	-242.1	655	OVI	0	0	0	0	86	37.6	2141	49	110	123	2.245	0.894	0.398	0.3	22.65
4936	40.7499	116.1910	-231.3	659	OVI	0	0	0	0	91	37.7	2227	56	113	159	2.018	0.711	0.352	0.3	22.66
4937	40.7503	116.1910	-216.8	673	OVI	0	0	0	0	81	37.9	2069	57	76	171	1.333	0.444	0.333	0.3	22.68
4938	40.7507	116.1910	-184.8	669	OVI	0	0	0	0	96	37.9	2069	51	73	204	1.431	0.358	0.250	0.4	22.70
4939	40.7511	116.1910	-168.1	667	OVI	0	0	0	0	94	37.8	2126	48	70	184	1.458	0.380	0.261	0.4	22.71
4940	40.7515	116.1910	-154.5	668	TVU	0	0	0	0	90	37.8	2092	47	128	150	2.723	0.853	0.313	0.4	22.72
4941	40.7519	116.1910	-144.1	655	TVU	0	0	0	0	83	31.8	1959	58	80	158	1.379	0.506	0.367	0.4	22.74
4942	40.7523	116.1910	-129.9	645	TVU	0	0	0	0	84	31.7	2026	50	134	135	2.680	0.993	0.370	0.5	22.75
4943	40.7527	116.1910	-119.1	615	TVU	0	0	0	0	88	31.3	1918	59	60	156	1.017	0.385	0.378	0.5	22.76
4944	40.7531	116.1910	-109.6	614	TVU	0	0	0	0	99	31.3	1911	55	59	149	1.073	0.396	0.369	0.6	22.77
4945	40.7535	116.1910	-97.2	589	TVU	0	0	0	0	85	31.0	1856	28	149	115	5.321	1.296	0.243	0.6	22.77
4946	40.7539	116.1910	-84.8	579	TVU	0	0	0	0	89	30.8	2029	60	73	160	1.217	0.456	0.375	0.6	22.78
4947	40.7542	116.1911	-75.2	549	TVU	0	0	0	0	89	30.4	2016	54	98	174	1.815	0.563	0.310	0.6	22.79
4948	40.7546	116.1911	-59.4	528	TVU	0	0	0	0	82	30.1	1883	51	86	149	1.686	0.577	0.342	0.7	22.81
4949	40.7550	116.1911	-43.8	497	TVU	0	0	0	0	90	29.7	1957	58	106	131	1.828	0.809	0.443	0.7	22.82
4950	40.7554	116.1911	-15.3	494	TVU	0	0	0	0	82	29.6	1943	35	107	174	3.057	0.615	0.201	0.6	22.84
4951	40.7558	116.1911	-4.3	490	TVU	0	0	0	0	87	29.5	2139	63	91	159	1.444	0.572	0.396	0.6	22.85
4952	40.7562	116.1911	2.4	478	TVU	0	0	0	0	91	29.4	2083	45	82	204	1.822	0.402	0.221	0.6	22.86
4953	40.7566	116.1911	1.0	461	TVU	0	0	0	0	90	29.1	2154	78	65	178	0.833	0.365	0.438	0.5	22.86
4954	40.7570	116.1911	-0.3	444	TVU	0	0	0	0	91	28.8	2039	50	121	168	2.420	0.720	0.298	0.5	22.86
4955	40.7574	116.1911	-0.2	419	TVU	0	0	0	0	99	28.4	1962	55	114	172	2.073	0.663	0.320	0.4	22.86
4956	40.7578	116.1911	0.1	390	TVU	0	0	0	0	89	28.0	2050	42	112	197	2.667	0.569	0.213	0.5	22.86
4957	40.7581	116.1912	1.2	369	OVI	0	0	0	0	96	27.6	1945	55	45	217	0.818	0.207	0.253	0.4	22.87
4958	40.7585	116.1912	-6.0	349	OVI	0	0	0	0	96	27.3	1988	43	142	170	3.302	0.835	0.253	0.4	22.87
4959	40.7589	116.1912	-32.2	342	OVI	0	0	0	0	76	27.1	1876	42	160	158	3.810	1.013	0.266	0.3	22.88
4960	40.7593	116.1912	-75.0	368	OVI	0	0	0	0	78	24.1	1941	70	131	148	1.871	0.885	0.473	0.4	22.88
4961	40.7597	116.1912	-108.1	400	OVI	0	0	0	0	94	24.6	1990	74	57	209	0.770	0.273	0.354	0.4	22.89
4962	40.7601	116.1912	-117.1	428	OVI	0	0	0	0	92	25.0	1922	47	77	202	1.638	0.381	0.233	0.3	22.89
4963	40.7605	116.1912	-108.6	451	OVI	0	0	0	0	100	25.3	1971	70	51	223	0.729	0.229	0.314	0.3	22.90
4964	40.7609	116.1912	-99.1	481	OVI	0	0	0	0	85	25.7	2000	46	176	159	3.826	1.107	0.289	0.3	22.91
4965	40.7613	116.1912	-90.5	492	OVI	0	0	0	0	71	25.9	1946	37	135	156	3.649	0.865	0.237	0.3	22.92

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
4966	40.7617	116.1912	-79.9	492	OVI	0	0	0	0	77	25.9	1872	42	175	92	4.167	1.902	0.457	0.2	22.92
4967	40.7620	116.1913	-72.9	489	OVI	0	0	0	0	82	25.8	1812	33	124	187	3.758	0.663	0.176	0.3	22.92
4968	40.7624	116.1913	-70.8	493	OVI	0	0	0	0	81	25.9	1708	27	86	151	3.185	0.570	0.179	0.3	22.92
4969	40.7628	116.1913	-66.0	499	OVI	0	0	0	0	88	25.9	1536	27	90	108	3.333	0.833	0.250	0.4	22.91
4970	40.7632	116.1913	-63.0	577	OVI	0	0	0	0	87	26.9	1819	46	110	128	2.391	0.859	0.359	0.4	22.92
4971	40.7636	116.1913	-60.1	652	OVI	0	0	0	0	81	27.8	1806	26	179	117	6.885	1.530	0.222	0.4	22.92
4972	40.7640	116.1913	-60.5	722	OVI	1	0	0	0	88	28.5	2064	24	130	152	5.417	0.855	0.158	0.4	22.93
4973	40.7644	116.1913	-59.4	753	OVI	1	0	0	0	76	28.8	1981	28	165	128	5.893	1.289	0.219	0.4	22.93
4974	40.7648	116.1913	-57.5	800	OVI	1	0	0	0	88	29.3	1968	15	208	110	13.867	1.891	0.136	0.4	22.93
4975	40.7652	116.1913	-58.1	816	OVI	1	0	0	0	83	29.4	1863	45	116	120	2.578	0.967	0.375	0.4	22.93
4976	40.7656	116.1913	-56.9	839	OVI	1	0	0	0	90	29.6	1880	22	133	134	6.045	0.993	0.164	0.5	22.94
4977	40.7660	116.1914	-56.7	849	OVI	1	0	0	0	92	29.7	1982	58	119	101	2.052	1.178	0.574	0.5	22.94
4978	40.7663	116.1914	-56.3	872	OVI	1	0	0	0	80	29.9	1930	46	86	118	1.870	0.729	0.390	0.5	22.94
4979	40.7667	116.1914	-57.9	879	OVI	1	0	0	0	93	23.0	1934	50	71	202	1.420	0.351	0.248	0.6	22.95
4980	40.7671	116.1914	-58.0	920	OVI	1	0	0	0	76	23.3	1973	23	181	117	7.870	1.547	0.197	0.6	22.95
4981	40.7675	116.1914	-56.0	944	OVI	1	0	0	0	90	23.4	2034	40	176	67	4.400	2.627	0.597	0.6	22.95
4982	40.7679	116.1914	-57.6	931	OVI	1	0	0	0	100	23.3	1924	26	126	89	4.846	1.416	0.292	0.6	22.95
4983	40.7683	116.1914	-56.4	860	OVI	1	0	0	0	88	22.9	1824	28	154	70	5.500	2.200	0.400	0.6	22.95
4984	40.7687	116.1914	-57.4	794	OVI	1	0	0	0	83	22.4	1775	21	169	50	8.048	3.380	0.420	0.7	22.96
4985	40.7691	116.1914	-58.0	751	OVI	1	0	0	0	90	22.1	1860	18	208	65	11.556	3.200	0.277	0.8	22.96
4986	40.7695	116.1914	-57.8	734	OVI	1	0	0	0	75	22.0	1888	44	141	62	3.205	2.274	0.710	0.8	22.97
4987	40.7699	116.1914	-55.0	733	OVI	1	0	0	0	79	22.0	1840	17	124	131	7.294	0.947	0.130	0.8	22.97
4988	40.7702	116.1915	-56.6	747	OVI	1	0	0	0	78	22.1	2035	42	123	89	2.929	1.382	0.472	0.8	22.97
4989	40.7706	116.1915	-57.1	712	OVI	1	0	0	0	83	21.8	2036	38	107	109	2.816	0.982	0.349	0.7	22.97
4990	40.7710	116.1915	-57.0	668	OVI	0	0	0	0	81	21.4	1992	13	165	70	12.692	2.357	0.186	0.6	22.98
4991	40.7714	116.1915	-59.1	618	OVI	0	0	0	0	82	21.0	1876	31	131	90	4.226	1.456	0.344	0.6	22.99
4992	40.7718	116.1915	-58.1	583	OVI	0	0	0	0	82	20.7	1987	22	162	114	7.364	1.421	0.193	0.6	23.00
4993	40.7722	116.1915	-58.5	556	OVI	0	0	0	0	89	20.5	1906	22	227	38	10.318	5.974	0.579	0.6	23.01
4994	40.7726	116.1915	-56.5	589	OVI	0	0	0	0	89	20.8	1920	14	213	25	15.214	8.520	0.560	0.6	23.01
4995	40.7730	116.1915	-56.4	620	OVI	0	0	0	0	85	21.0	1911	30	125	107	4.167	1.168	0.280	0.5	23.02
4996	40.7734	116.1915	-57.9	638	OVI	0	0	0	0	87	21.2	1872	20	142	82	7.100	1.732	0.244	0.5	23.02
4997	40.7738	116.1915	-55.9	610	OVI	0	0	0	0	78	20.9	1787	27	76	145	2.815	0.524	0.186	0.5	23.03
4998	40.7741	116.1916	-55.6	581	OVI	0	0	0	0	79	12.8	1743	15	184	96	12.267	1.917	0.156	0.6	23.04
4999	40.7745	116.1916	-55.6	543	OVI	0	0	0	0	80	12.6	1777	21	164	120	7.810	1.367	0.175	0.5	23.04
5000	40.7749	116.1916	-57.1	514	OVI	0	0	0	0	80	12.4	1623	27	150	82	5.556	1.829	0.329	0.5	23.04
5001	40.7753	116.1916	-55.3	573	OVI	0	0	0	0	89	12.8	1766	29	141	94	4.862	1.500	0.309	0.6	23.05
5002	40.7757	116.1916	-58.1	597	OVI	0	0	0	0	88	12.9	1865	42	112	133	2.667	0.842	0.316	0.6	23.07
5003	40.7761	116.1916	-57.3	557	OVI	0	0	0	0	81	12.7	1808	29	132	142	4.552	0.930	0.204	0.6	23.09
5004	40.7765	116.1916	-58.0	532	OVI	0	0	0	0	89	12.5	1761	46	90	139	1.957	0.647	0.331	0.6	23.09
5005	40.7769	116.1916	-56.0	532	OVI	0	0	0	0	81	12.5	1730	2[illegible]	139	128	6.950	1.086	0.156	0.6	23.11
5006	40.7773	116.1916	-55.6	539	OVI	0	0	0	0	78	12.6	1796	28	175	133	6.250	1.316	0.211	0.7	23.12
5007	40.7777	116.1916	-56.1	563	OVI	0	0	0	0	91	12.7	1931	41	121	136	2.951	0.890	0.301	0.7	23.12
5008	40.7781	116.1917	-55.7	578	OVI	0	0	0	0	84	12.8	1863	37	150	127	4.054	1.181	0.291	0.7	23.13
5009	40.7784	116.1917	-52.8	590	OVI	0	0	0	0	76	12.9	1827	47	147	105	3.128	1.400	0.448	0.7	23.13
5010	40.7788	116.1917	-54.4	600	OVI	0	0	0	0	79	12.9	1777	29	106	129	3.655	0.822	0.225	0.7	23.15
5011	40.7792	116.1917	-53.9	605	OVI	0	0	0	0	79	12.9	1762	39	82	135	2.103	0.607	0.289	0.8	23.16
5012	40.7796	116.1917	-51.0	614	OVI	0	0	0	0	80	13.0	1876	33	117	147	3.545	0.796	0.224	0.8	23.16
5013	40.7800	116.1917	-50.8	638	OVI	0	0	0	0	78	13.1	1831	46	131	106	2.848	1.236	0.434	1.0	23.17
5014	40.7804	116.1917	-48.9	617	OVI	0	0	0	0	82	13.0	1754	62	95	78	1.532	1.218	0.795	1.0	23.17
5015	40.7808	116.1917	-49.3	596	OVI	0	0	0	0	88	12.9	1791	43	179	63	4.163	2.841	0.683	1.1	23.18
5016	40.7812	116.1917	-49.0	618	OVI	0	0	0	0	86	13.0	1834	32	204	58	6.375	3.517	0.552	1.1	23.19
5017	40.7816	116.1917	-46.8	638	OVI	0	0	0	0	81	13.8	1737	26	126	129	4.846	0.977	0.202	1.2	23.18
5018	40.7820	116.1918	-46.6	631	OVI	0	0	0	0	78	13.8	1657	33	49	180	1.485	0.272	0.183	1.1	23.18
5019	40.7823	116.1918	-47.8	634	OVI	0	0	0	0	90	13.8	1700	21	163	73	7.762	2.233	0.288	1.1	23.18

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5020	40.7827	116.1918	-43.5	669	OVI	0	0	0	0	82	14.0	1756	12	173	125	14.417	1.384	0.096	1.1	23.18
5021	40.7831	116.1918	-44.5	625	OVI	0	0	0	0	91	13.7	1879	41	34	131	0.829	0.260	0.313	1.1	23.20
5022	40.7835	116.1918	-43.3	526	OVI	0	0	0	0	69	13.1	2143	39	73	125	1.872	0.584	0.312	1.1	23.21
5023	40.7839	116.1918	-37.8	493	IR	0	0	0	0	73	12.9	1620	31	124	85	4.000	1.459	0.365	1.2	23.22
5024	40.7843	116.1918	-35.3	486	IR	0	0	0	0	80	12.9	1628	28	96	112	3.429	0.857	0.250	1.2	23.23
5025	40.7847	116.1918	-35.8	487	IR	0	0	0	0	82	12.9	1633	25	87	128	3.480	0.680	0.195	1.2	23.24
5026	40.7851	116.1918	-32.5	484	IR	0	0	0	0	87	12.9	1725	32	114	74	3.563	1.541	0.432	1.2	23.24
5027	40.7855	116.1918	-35.6	465	IR	0	0	0	0	78	12.7	1763	37	88	102	2.378	0.863	0.363	1.2	23.24
5028	40.7859	116.1918	-32.7	454	IR	0	0	0	0	86	12.7	1607	29	65	101	2.241	0.644	0.287	1.2	23.25
5029	40.7862	116.1919	-32.5	474	IR	0	0	0	0	76	12.8	1777	33	86	123	2.606	0.699	0.268	1.2	23.26
5030	40.7866	116.1919	-29.2	497	IR	0	0	0	0	76	12.9	2015	48	94	121	1.958	0.777	0.397	1.2	23.26
5031	40.7870	116.1919	-25.4	502	IR	0	0	0	0	76	13.0	1979	41	85	121	2.073	0.702	0.339	1.2	23.27
5032	40.7874	116.1919	-23.0	489	IR	0	0	0	0	88	12.9	2075	42	120	146	2.857	0.822	0.288	1.2	23.27
5033	40.7878	116.1919	-22.7	450	IR	0	0	0	0	69	12.6	1709	28	127	174	4.536	0.730	0.161	1.2	23.27
5034	40.7882	116.1919	-19.5	413	IR	0	0	0	0	74	12.4	1673	23	119	148	5.174	0.804	0.155	1.2	23.27
5035	40.7886	116.1919	-10.6	392	IR	0	0	0	0	76	12.2	1710	37	42	185	1.135	0.227	0.200	1.2	23.26
5036	40.7890	116.1919	-8.0	372	IR	0	0	0	0	91	23.8	1562	26	57	102	2.192	0.559	0.255	1.1	23.26
5037	40.7894	116.1919	-3.6	355	IR	0	0	0	0	92	23.5	1653	33	65	122	1.970	0.533	0.270	1.2	23.27
5038	40.7898	116.1919	-2.1	354	IR	0	0	0	0	82	23.5	1610	25	67	159	2.680	0.421	0.157	1.2	23.28
5039	40.7902	116.1920	-1.1	374	IR	0	0	0	0	72	23.8	17[illegible]	27	164	129	6.074	1.271	0.209	1.2	23.28
5040	40.7905	116.1920	5.1	425	IR	0	0	0	0	81	24.5	1851	36	61	157	1.694	0.389	0.229	1.2	23.28
5041	40.7909	116.1920	6.8	478	IR	0	0	0	0	77	25.3	1923	33	125	154	3.788	0.812	0.214	1.2	23.30
5042	40.7913	116.1920	8.5	494	IR	0	0	0	0	81	25.5	2071	51	89	120	1.745	0.742	0.425	1.3	23.31
5043	40.7917	116.1920	11.3	495	IR	0	0	0	0	73	25.5	2139	68	70	182	1.029	0.385	0.374	1.3	23.33
5044	40.7921	116.1920	13.6	497	IR	0	0	0	0	76	25.5	1997	45	164	147	3.644	1.116	0.306	1.3	23.35
5045	40.7925	116.1920	14.9	498	IR	0	0	0	0	75	25.5	1979	27	182	121	6.741	1.504	0.223	1.3	23.36
5046	40.7929	116.1920	16.3	507	IR	0	0	0	0	74	25.6	1984	54	95	192	1.759	0.495	0.281	1.3	23.37
5047	40.7933	116.1920	18.8	537	IR	0	0	0	0	79	26.0	2139	43	166	139	3.860	1.194	0.309	1.3	23.38
5048	40.7937	116.1920	24.4	513	IR	0	0	0	0	71	25.7	2090	52	100	168	1.923	0.595	0.310	1.3	23.39
5049	40.7941	116.1921	25.3	495	IR	0	0	0	0	76	25.5	2087	53	128	136	2.415	0.941	0.390	1.3	23.39
5050	40.7944	116.1921	16.7	480	IR	0	0	0	0	89	25.3	2059	60	59	185	0.983	0.319	0.324	1.3	23.40
5051	40.7948	116.1921	-3.0	423	IR	0	0	0	0	85	24.5	2005	53	92	193	1.736	0.477	0.275	1.3	23.40
5052	40.7952	116.1921	-26.7	394	IR	0	0	1	0	76	24.1	1960	69	10	199	0.145	0.050	0.347	1.3	23.41
5053	40.7956	116.1921	-47.4	388	IR	0	0	0	0	75	24.0	2134	56	125	144	2.232	0.868	0.389	1.3	23.41
5054	40.7960	116.1921	-62.5	369	IR	0	0	0	0	87	23.7	2054	44	167	176	3.795	0.949	0.250	1.4	23.42
5055	40.7964	116.1921	-68.8	337	IR	0	0	0	0	90	30.6	2014	39	169	153	4.333	1.105	0.255	1.4	23.42
5056	40.7968	116.1921	-75.1	323	IR	0	0	0	0	84	30.3	1954	74	91	155	1.230	0.587	0.477	1.5	23.42
5057	40.7972	116.1921	-78.9	338	IR	0	0	0	0	83	30.6	2128	35	193	161	5.514	1.199	0.217	1.5	23.42
5058	40.7976	116.1921	-82.4	370	IR	0	0	0	0	79	31.3	2098	57	156	177	2.737	0.881	0.322	1.5	23.41
5059	40.7980	116.1922	-83.6	370	IR	0	0	0	0	82	31.3	1957	42	94	185	2.238	0.508	0.227	1.6	23.41
5060	40.7983	116.1922	-91.2	347	IR	0	0	1	0	79	30.8	2035	71	3	217	0.042	0.014	0.327	1.6	23.41
5061	40.7987	116.1922	-92.6	323	IR	0	0	0	0	80	30.3	1952	52	84	202	1.615	0.416	0.257	1.6	23.41
5062	40.7991	116.1922	-94.9	320	IR	0	0	0	0	81	30.2	2009	53	55	212	1.038	0.259	0.250	1.6	23.41
5063	40.7995	116.1922	-96.1	316	IR	0	0	0	0	80	30.2	2198	58	111	202	1.914	0.550	0.287	1.5	23.42
5064	40.7999	116.1922	-98.4	305	IR	0	0	0	0	83	30.0	2024	54	60	182	1.111	0.330	0.297	1.5	23.42
5065	40.8003	116.1922	-99.1	304	IR	0	0	0	0	83	29.9	1978	63	91	161	1.444	0.565	0.391	1.5	23.42
5066	40.8007	116.1922	-100.6	332	IR	0	0	0	0	81	30.5	1977	38	96	204	2.526	0.471	0.186	1.4	23.43
5067	40.8011	116.1922	-98.6	382	IR	0	0	0	0	73	31.5	2023	42	176	140	4.190	1.257	0.300	1.4	23.44
5068	40.8015	116.1922	-99.0	419	QTSU	0	0	0	0	66	32.2	2208	67	128	173	1.910	0.740	0.387	1.4	23.46
5069	40.8019	116.1922	-97.2	454	QTSU	0	0	0	0	80	32.8	2127	46	137	215	2.978	0.637	0.214	1.4	23.48
5070	40.8023	116.1923	-96.4	489	QTSU	0	0	0	0	69	33.4	2228	56	69	224	1.232	0.308	0.250	1.4	23.49
5071	40.8026	116.1923	-95.8	493	QTSU	0	0	0	0	81	33.5	2244	49	189	169	3.857	1.118	0.290	1.4	23.51
5072	40.8030	116.1923	-91.2	497	QTSU	0	0	0	0	77	33.5	2141	59	118	157	2.000	0.752	0.376	1.5	23.52
5073	40.8034	116.1923	-89.9	499	QTSU	0	0	1	0	75	33.6	2022	56	24	238	0.429	0.101	0.235	1.5	23.53

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5074	40.8038	116.1923	-88.7	515	QTSU	0	0	0	0	76	33.6	2098	53	148	151	2.792	0.980	0.351	1.5	23.53
5075	40.8042	116.1923	-86.5	541	QTSU	0	0	0	0	75	34.0	1983	22	111	175	5.045	0.634	0.126	1.5	23.53
5076	40.8046	116.1923	-81.6	556	QTSU	0	0	0	0	73	34.3	2051	57	147	125	2.579	1.176	0.456	1.5	23.54
5077	40.8050	116.1923	-80.8	554	QTSU	0	0	0	0	75	34.2	1964	56	81	173	1.446	0.468	0.324	1.6	23.55
5078	40.8054	116.1923	-78.5	555	QTSU	0	0	0	0	75	34.3	1852	43	59	151	1.372	0.391	0.285	1.6	23.56
5079	40.8058	116.1923	-73.3	540	QTSU	0	0	0	0	77	34.0	1879	54	90	127	1.667	0.709	0.425	1.7	23.58
5080	40.8062	116.1924	-69.7	554	QTSU	0	0	0	0	76	34.2	1902	74	57	94	0.770	0.606	0.787	1.7	23.59
5081	40.8065	116.1924	-63.5	566	QTSU	0	0	0	0	79	34.4	1873	61	61	135	1.000	0.452	0.452	1.8	23.60
5082	40.8069	116.1924	-59.6	548	QTSU	0	0	0	0	83	34.1	1814	43	141	78	3.279	1.808	0.551	1.7	23.61
5083	40.8073	116.1924	-57.4	537	QTSU	0	0	0	0	78	34.0	1751	39	134	78	3.436	1.718	0.500	1.8	23.63
5084	40.8077	116.1924	-61.9	535	QTSU	0	0	0	0	74	33.9	1766	47	100	100	2.128	1.000	0.470	1.9	23.64
5085	40.8081	116.1924	-65.5	520	QTSU	0	0	0	0	72	33.7	1831	48	101	123	2.104	0.821	0.390	2.0	23.65
5086	40.8085	116.1924	-70.0	516	QTSU	0	0	0	0	72	33.6	1867	45	130	78	2.889	1.667	0.577	2.0	23.66
5087	40.8089	116.1924	-72.1	529	QTSU	0	0	0	0	75	33.8	1859	43	80	149	1.860	0.537	0.289	2.0	23.67
5088	40.8093	116.1924	-72.2	544	QTSU	0	0	0	0	82	34.1	1827	34	104	134	3.059	0.776	0.254	2.1	23.68
5089	40.8097	116.1924	-70.3	551	QTSU	0	0	0	0	73	34.2	1923	48	52	140	1.083	0.371	0.343	2.1	23.68
5090	40.8101	116.1925	-67.6	541	QTSU	0	0	0	0	77	34.0	1896	51	79	142	1.549	0.556	0.359	2.1	23.67
5091	40.8104	116.1925	-68.0	541	QTSU	0	0	0	0	84	34.0	1892	48	92	159	1.917	0.579	0.302	2.2	23.67
5092	40.8108	116.1925	-67.1	557	QTSU	0	0	0	0	70	34.3	2011	51	96	128	1.882	0.750	0.398	2.2	23.68
5093	40.8112	116.1925	-63.3	568	QTSU	0	0	0	0	76	26.7	2123	45	148	125	3.289	1.184	0.360	2.2	23.68
5094	40.8116	116.1925	-61.7	573	QTSU	0	0	0	0	71	26.8	2177	48	135	155	2.813	0.871	0.310	2.1	23.69
5095	40.8120	116.1925	-58.6	547	QTSU	0	0	0	0	76	26.5	2072	45	163	143	3.622	1.140	0.315	2.1	23.69
5096	40.8124	116.1925	-48.9	503	QTSU	0	0	0	0	68	25.9	1976	53	171	128	3.226	1.336	0.414	2.2	23.70
5097	40.8128	116.1925	-47.2	491	QTSU	0	0	0	0	75	25.8	2118	72	105	189	1.458	0.556	0.381	2.2	23.70
5098	40.8132	116.1925	-42.6	475	QTSU	0	0	0	0	72	25.5	2146	57	118	189	2.070	0.624	0.302	2.2	23.70
5099	40.8136	116.1925	-39.9	456	QTSU	0	0	0	0	74	25.3	1961	66	42	188	0.636	0.223	0.351	2.2	23.71
5100	40.8140	116.1926	-37.7	449	QTSU	0	0	0	0	64	25.2	1958	39	171	138	4.385	1.239	0.283	2.2	23.71
5101	40.8144	116.1926	-35.2	437	QTSU	0	0	0	0	79	25.0	1808	50	74	143	1.480	0.517	0.350	2.2	23.71
5102	40.8147	116.1926	-32.9	420	QTSU	0	0	0	0	70	24.8	1804	32	122	149	3.813	0.819	0.215	2.2	23.70
5103	40.8151	116.1926	-31.6	409	QTSU	0	0	0	0	61	24.6	1806	44	146	136	3.318	1.074	0.324	2.2	23.70
5104	40.8155	116.1926	-30.2	432	QTSU	0	0	0	0	75	25.0	1901	37	114	151	3.081	0.755	0.245	2.1	23.70
5105	40.8159	116.1926	-31.9	463	QTSU	0	0	0	0	78	25.4	1969	45	101	192	2.244	0.526	0.234	2.1	23.70
5106	40.8163	116.1926	-32.0	473	QTSU	0	0	0	0	73	25.5	2060	39	135	149	3.462	0.906	0.262	2.0	23.70
5107	40.8167	116.1926	-30.7	468	QTSU	0	0	0	0	74	25.5	2008	47	136	173	2.894	0.786	0.272	2.0	23.69
5108	40.8171	116.1926	-30.2	473	QTSU	0	0	0	0	75	25.5	1903	66	56	160	0.848	0.350	0.413	2.0	23.69
5109	40.8175	116.1926	-33.0	484	QTSU	0	0	0	0	73	25.7	2029	67	97	175	1.448	0.554	0.383	1.9	23.69
5110	40.8179	116.1926	-31.9	492	QTSU	0	0	0	0	72	25.8	1970	45	131	169	2.911	0.775	0.266	1.9	23.68
5111	40.8183	116.1927	-31.6	493	QTSU	0	0	0	0	69	25.8	1990	35	114	219	3.257	0.521	0.160	2.0	23.68
5113	40.8190	116.1927	-28.0	492	QTSU	0	0	0	0	76	30.1	2032	55	124	150	2.255	0.827	0.367	2.0	23.68
5114	40.8194	116.1927	-25.5	489	QTSU	0	0	1	0	75	30.1	2069	67	26	215	0.406	0.121	0.298	2.0	23.68
5115	40.8198	116.1927	-25.2	488	QTSU	0	0	0	0	75	30.1	2090	44	144	189	3.273	0.762	0.233	2.0	23.68
5116	40.8202	116.1927	-24.0	481	QTSU	0	0	0	0	73	30.0	2096	65	147	112	2.262	1.313	0.580	1.9	23.67
5117	40.8206	116.1927	-23.6	463	QTSU	0	0	0	0	76	29.7	2029	64	38	233	0.594	0.163	0.275	1.9	23.67
5118	40.8210	116.1927	-22.0	446	QTSU	0	0	0	0	73	29.4	2072	56	116	185	2.071	0.627	0.303	2.0	23.67
5119	40.8214	116.1927	-22.8	433	QTSU	0	0	0	0	81	29.2	2012	72	147	106	2.042	1.387	0.679	1.9	23.67
5120	40.8218	116.1927	-22.0	432	QTSU	0	0	0	0	81	29.2	2128	56	87	216	1.554	0.403	0.259	1.9	23.66
5121	40.8222	116.1928	-22.5	431	QTSU	0	0	0	0	82	29.2	2074	56	123	189	2.196	0.651	0.296	2.0	23.66
5122	40.8225	116.1928	-21.0	428	QTSU	0	0	0	0	84	29.1	2047	43	155	175	3.605	0.886	0.246	2.0	23.65
5123	40.8229	116.1928	-22.2	428	QTSU	0	0	0	0	79	29.1	2192	52	108	207	2.077	0.522	0.251	2.0	23.64
5124	40.8233	116.1928	-20.4	425	QTSU	0	0	0	0	70	29.1	2088	66	106	205	1.606	0.517	0.322	1.9	23.63
5125	40.8237	116.1928	-20.9	416	QTSU	0	0	0	0	63	28.9	2070	62	157	155	2.532	1.013	0.400	1.9	23.62
5126	40.8241	116.1928	-22.0	408	QTSU	0	0	0	0	82	28.8	2077	44	139	160	3.159	0.869	0.275	1.9	23.62
5127	40.8245	116.1928	-23.4	403	QTSU	0	0	0	0	86	28.7	2114	74	118	113	1.595	1.044	0.655	1.9	23.61
5128	40.8249	116.1928	-23.9	399	QTSU	0	0	0	0	81	28.7	1967	39	132	179	3.385	0.737	0.218	1.9	23.60

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5129	40.8253	116.1928	-23.9	395	QTSU	0	0	0	0	76	28.6	2036	37	179	171	4.838	1.047	0.216	2.0	23.60
5130	40.8257	116.1928	-26.9	389	QTSU	0	0	0	0	78	28.5	2104	37	175	183	4.730	0.956	0.202	1.9	23.59
5131	40.8261	116.1929	-25.8	375	QTSU	0	0	0	0	78	28.2	1969	47	88	193	1.872	0.456	0.244	1.9	23.59
5132	40.8265	116.1929	-24.6	358	QTSU	0	0	0	0	72	29.7	1921	44	178	160	4.045	1.112	0.275	1.9	23.58
5133	40.8268	116.1929	-28.7	337	QTSU	0	0	0	0	78	29.3	1875	52	103	169	1.981	0.609	0.308	1.9	23.58
5134	40.8272	116.1929	-32.6	318	QTSU	0	0	0	0	74	28.9	1944	41	102	178	2.488	0.573	0.230	1.9	23.58
5135	40.8276	116.1929	-35.4	314	QTSU	0	0	0	0	73	28.8	1828	40	121	156	3.025	0.776	0.256	1.8	23.57
5136	40.8280	116.1929	-41.6	338	QTSU	0	0	0	0	74	29.3	1904	34	114	151	3.353	0.755	0.225	1.8	23.57
5137	40.8284	116.1929	-45.6	368	QTSU	0	0	0	0	77	29.9	1886	47	139	132	2.957	1.053	0.356	1.8	23.57
5138	40.8288	116.1929	-46.4	379	QTSU	0	0	0	0	79	30.1	1933	38	218	97	5.737	2.247	0.392	1.8	23.56
5139	40.8292	116.1929	-51.0	364	QTSU	0	0	0	0	69	29.8	1949	50	121	156	2.420	0.776	0.321	1.8	23.56
5140	40.8296	116.1929	-52.2	367	QTSU	0	0	0	0	80	29.9	1843	49	124	138	2.531	0.899	0.355	1.8	23.56
5141	40.8300	116.1930	-52.3	381	QTSU	0	0	0	0	75	30.1	1793	46	107	152	2.326	0.704	0.303	1.7	23.56
5142	40.8304	116.1930	-54.8	406	QTSU	0	0	0	0	85	30.6	1929	38	103	148	2.711	0.696	0.257	1.7	23.55
5143	40.8307	116.1930	-56.0	441	QTSU	0	0	0	0	72	31.2	1952	58	68	180	1.172	0.378	0.322	1.7	23.55
5144	40.8311	116.1930	-57.3	455	QTSU	0	0	0	0	74	31.4	1970	42	105	213	2.500	0.493	0.197	1.7	23.55
5145	40.8315	116.1930	-57.5	431	QTSU	0	0	0	0	75	31.0	1853	46	128	150	2.783	0.853	0.307	1.6	23.54
5146	40.8319	116.1930	-59.0	388	QTSU	0	0	0	0	74	30.2	1739	44	140	137	3.182	1.022	0.321	1.7	23.54
5147	40.8323	116.1930	-60.5	385	QTSU	0	0	0	0	86	30.2	1930	43	70	173	1.628	0.405	0.249	1.7	23.54
5148	40.8327	116.1930	-62.8	410	QTSU	0	0	0	0	70	30.6	2041	41	86	203	2.098	0.424	0.202	1.7	23.54
5149	40.8331	116.1930	-62.9	444	QTSU	0	0	0	0	75	31.2	2111	55	57	180	1.036	0.317	0.306	1.7	23.53
5150	40.8335	116.1930	-62.8	431	QTSU	0	0	0	0	72	31.0	1961	41	122	168	2.976	0.726	0.244	1.7	23.53
5151	40.8339	116.1930	-64.5	398	QTSU	0	0	0	0	75	32.9	1953	50	118	142	2.360	0.831	0.352	1.6	23.53
5152	40.8343	116.1931	-64.8	381	QTSU	0	0	0	0	71	32.6	1877	50	136	119	2.720	1.143	0.420	1.6	23.53
5153	40.8346	116.1931	-67.5	385	QTSU	0	0	0	0	89	32.7	1840	33	57	193	1.727	0.295	0.171	1.6	23.52
5154	40.8350	116.1931	-68.1	402	QTSU	0	0	0	0	78	33.0	1935	48	120	155	2.500	0.774	0.310	1.6	23.53
5155	40.8354	116.1931	-70.2	417	QTSU	0	0	0	0	78	33.3	1961	48	164	108	3.417	1.519	0.444	1.6	23.53
5156	40.8358	116.1931	-71.0	434	QTSU	0	0	0	0	71	33.6	1964	45	47	168	1.044	0.280	0.268	1.7	23.53
5157	40.8362	116.1931	-75.4	441	QTSU	0	0	0	0	80	33.7	1957	73	47	170	0.644	0.276	0.429	1.6	23.54
5158	40.8366	116.1931	-75.5	449	QTSU	0	0	0	0	87	33.9	1992	47	122	184	2.596	0.663	0.255	1.7	23.54
5159	40.8370	116.1931	-78.1	465	QTSU	0	0	0	0	75	34.2	2046	43	151	88	3.512	1.716	0.489	1.7	23.53
5160	40.8374	116.1931	-78.4	480	QTSU	0	0	0	0	73	34.5	1940	54	91	189	1.685	0.481	0.286	1.7	23.54
5161	40.8378	116.1931	-81.8	487	QTSU	0	0	0	0	84	34.6	2033	58	85	129	1.466	0.659	0.450	1.8	23.55
5162	40.8382	116.1932	-82.0	489	QTSU	0	0	0	0	76	34.6	2122	40	146	144	3.650	1.014	0.278	1.8	23.55
5163	40.8386	116.1932	-84.1	477	QTSU	0	0	0	0	81	34.4	1930	48	124	165	2.583	0.752	0.291	1.7	23.55
5164	40.8389	116.1932	-86.0	477	QTSU	0	0	0	0	75	34.4	1923	47	78	122	1.660	0.639	0.385	1.7	23.56
5165	40.8393	116.1932	-88.7	486	QTSU	0	0	0	0	74	34.6	1824	38	113	137	2.974	0.825	0.277	1.7	23.56
5166	40.8397	116.1932	-91.8	492	QTSU	0	0	0	0	78	34.7	2072	73	31	161	0.425	0.193	0.453	1.7	23.57
5167	40.8401	116.1932	-92.5	495	QTSU	0	0	0	0	83	34.7	1971	31	86	156	2.774	0.551	0.199	1.7	23.58
5168	40.8405	116.1932	-94.7	498	QTSU	0	0	0	0	77	34.8	2042	45	89	135	1.935	0.659	0.341	1.7	23.58
5169	40.8409	116.1932	-99.2	498	QTSU	0	0	0	0	76	34.8	2056	40	113	148	2.825	0.764	0.270	1.7	23.59
5170	40.8413	116.1932	-102.6	502	QTSU	0	0	0	0	84	34.9	2027	53	83	153	1.566	0.542	0.346	1.7	23.60
5171	40.8417	116.1932	-102.5	532	QTSU	0	0	0	0	77	35.4	2130	56	122	97	2.179	1.258	0.577	1.7	23.60
5172	40.8421	116.1933	-102.0	500	QTSU	0	0	0	0	85	34.8	2086	35	98	123	2.800	0.797	0.285	1.7	23.61
5173	40.8425	116.1933	-103.8	491	QTSU	0	0	0	0	76	34.7	1954	51	96	115	1.882	0.835	0.443	1.7	23.61
5174	40.8428	116.1933	-105.6	480	QTSU	0	0	0	0	73	34.5	1998	31	144	153	4.645	0.941	0.203	1.7	23.62
5175	40.8432	116.1933	-106.2	465	QTSU	0	0	0	0	75	34.2	1887	60	52	137	0.867	0.330	0.438	1.7	23.62
5176	40.8436	116.1933	-108.1	462	QTSU	0	0	0	0	79	34.2	1868	47	117	120	2.489	0.975	0.392	1.7	23.63
5177	40.8440	116.1933	-111.8	463	QTSU	0	0	0	0	73	34.2	1813	34	137	118	4.029	1.161	0.288	1.7	23.64
5178	40.8444	116.1933	-112.3	467	QTSU	0	0	0	0	76	34.3	1927	48	102	155	2.125	0.658	0.310	1.7	23.65
5179	40.8448	116.1933	-114.9	479	QTSU	0	0	0	0	73	34.5	1872	36	154	105	4.278	1.467	0.343	1.7	23.66
5180	40.8452	116.1933	-119.0	493	QTSU	0	0	0	0	73	34.7	1966	14	180	140	12.857	1.286	0.100	1.7	23.67
5181	40.8456	116.1933	-123.4	496	QTSU	0	0	0	0	73	34.8	1879	64	68	167	1.063	0.407	0.383	1.7	23.67
5182	40.8460	116.1934	-125.1	498	QTSU	0	0	0	0	85	34.8	1954	41	123	124	3.000	0.992	0.331	1.7	23.68

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5183	40.8464	116.1934	-126.0	511	QTSU	0	0	0	0	80	35.0	1917	35	119	169	3.400	0.704	0.207	1.8	23.68
5184	40.8467	116.1934	-130.8	525	QTSU	0	0	0	0	83	35.3	1856	28	120	155	4.286	0.774	0.181	1.7	23.68
5185	40.8471	116.1934	-130.6	548	QTSU	0	0	0	0	72	35.6	1910	46	73	152	1.587	0.480	0.303	1.8	23.68
5186	40.8475	116.1934	-129.4	565	QTSU	0	0	0	0	77	35.9	1849	65	38	153	0.585	0.248	0.425	1.8	23.68
5187	40.8479	116.1934	-129.7	555	QTSU	0	0	0	0	79	35.8	1875	58	68	95	1.172	0.716	0.611	1.8	23.68
5188	40.8483	116.1934	-131.3	567	QTSU	0	0	0	0	66	36.0	1893	50	93	91	1.860	1.022	0.549	1.8	23.68
5189	40.8487	116.1934	-131.5	537	QTSU	0	0	0	0	75	33.4	1785	49	36	120	0.735	0.300	0.408	1.8	23.68
5190	40.8491	116.1934	-132.8	549	QTSU	0	0	0	0	75	33.6	1693	45	83	114	1.844	0.728	0.395	1.8	23.68
5191	40.8495	116.1934	-135.5	560	QTSU	0	0	0	0	80	33.7	1750	52	52	101	1.000	0.515	0.515	1.9	23.69
5192	40.8499	116.1934	-135.6	572	QTSU	0	0	0	0	70	33.9	1704	48	52	132	1.083	0.394	0.364	1.9	23.70
5193	40.8503	116.1935	-136.6	594	QTSU	0	0	0	0	79	34.2	1936	33	50	169	1.515	0.296	0.195	1.9	23.70
5194	40.8507	116.1935	-136.6	586	QTSU	0	0	0	0	84	34.1	1782	57	34	140	0.596	0.243	0.407	1.9	23.70
5195	40.8511	116.1935	-138.4	573	QQA3	0	0	0	0	80	33.9	1727	48	53	106	1.104	0.500	0.453	2.0	23.70
5196	40.8515	116.1935	-138.3	588	QQA3	0	0	0	0	68	34.1	1941	34	60	144	1.765	0.417	0.236	2.0	23.70
5197	40.8519	116.1935	-138.3	585	QQA3	0	0	0	0	69	34.1	2001	47	128	82	2.723	1.561	0.573	2.0	23.70
5198	40.8523	116.1935	-138.1	565	QQA3	0	0	0	0	79	33.8	1754	25	64	164	2.560	0.390	0.152	2.0	23.71
5199	40.8527	116.1935	-139.7	548	QQA3	0	0	0	0	81	33.5	1765	43	116	48	2.698	2.417	0.896	2.0	23.71
5200	40.8531	116.1935	-136.7	545	QQA3	0	0	0	0	78	33.5	1763	52	90	122	1.731	0.738	0.426	2.0	23.72
5201	40.8535	116.1935	-138.6	531	QQA3	0	0	0	0	76	33.3	1718	38	88	117	2.316	0.752	0.325	2.1	23.72
5202	40.8539	116.1935	-139.3	531	QQA3	0	0	0	0	75	33.3	1657	38	95	106	2.500	0.896	0.358	2.2	23.74
5203	40.8543	116.1935	-139.1	515	QQA3	0	0	0	0	68	33.0	1758	43	76	125	1.767	0.608	0.344	2.2	23.74
5204	40.8547	116.1936	-138.9	513	QQA3	0	0	0	0	72	33.0	1615	46	39	117	0.848	0.333	0.393	2.3	23.74
5205	40.8551	116.1936	-139.2	503	QQA3	0	0	0	0	70	32.8	1634	40	94	79	2.350	1.190	0.506	2.3	23.75
5206	40.8555	116.1936	-137.7	500	QQA3	0	0	1	0	80	32.8	1567	56	10	83	0.179	0.120	0.675	2.4	23.75
5207	40.8559	116.1936	-139.4	493	QQA3	0	0	0	0	86	32.7	1624	52	49	96	0.942	0.510	0.542	2.4	23.76
5208	40.8563	116.1936	-140.4	492	QQA3	0	0	0	0	75	29.1	1602	39	134	84	3.436	1.595	0.464	2.5	23.77
5209	40.8567	116.1936	-138.4	488	QQA3	0	0	0	0	72	29.1	1707	53	80	77	1.509	1.039	0.688	2.5	23.78
5210	40.8571	116.1936	-137.0	476	QQA3	0	0	0	0	68	28.9	1726	56	46	141	0.821	0.326	0.397	2.5	23.79
5211	40.8575	116.1936	-138.8	464	QQA3	0	0	0	0	80	28.7	1689	52	73	96	1.404	0.760	0.542	2.5	23.79
5212	40.8579	116.1936	-138.1	455	QQA3	0	0	0	0	74	28.6	1782	35	76	152	2.171	0.500	0.230	2.5	23.79
5213	40.8583	116.1936	-138.1	454	QQA3	0	0	0	0	77	28.6	1755	30	103	109	3.433	0.945	0.275	2.5	23.80
5214	40.8587	116.1936	-137.4	444	QQA3	0	0	0	0	82	28.4	1804	33	108	139	3.273	0.777	0.237	2.5	23.81
5215	40.8591	116.1936	-136.5	425	QQA3	0	0	0	0	67	28.1	1691	48	114	103	2.375	1.107	0.466	2.5	23.81
5216	40.8595	116.1936	-135.1	410	QQA3	0	0	0	0	67	27.9	1645	56	75	127	1.339	0.591	0.441	2.6	23.81
5217	40.8599	116.1937	-135.1	400	QQA3	0	0	0	0	84	27.7	1630	42	124	88	2.952	1.409	0.477	2.7	23.81
5218	40.8603	116.1937	-131.4	394	QQA3	0	0	0	0	72	27.6	1713	60	64	120	1.067	0.533	0.500	2.7	23.80
5219	40.8607	116.1937	-129.2	385	QQA3	0	0	0	0	74	27.5	1563	46	98	83	2.130	1.181	0.554	2.7	23.80
5220	40.8611	116.1937	-126.6	390	QQA3	0	0	0	0	71	27.6	1751	54	98	95	1.815	1.032	0.568	2.8	23.80
5221	40.8615	116.1937	-125.3	395	QQA3	0	0	0	0	75	27.6	1707	53	91	117	1.717	0.778	0.453	2.7	23.80
5222	40.8619	116.1937	-127.5	393	QQA3	0	0	0	0	83	27.6	1552	43	48	148	1.116	0.324	0.291	2.8	23.80
5223	40.8624	116.1937	-129.2	392	QQA3	0	0	0	0	73	27.6	1561	44	62	106	1.409	0.585	0.415	2.9	23.80
5224	40.8628	116.1937	-131.2	392	QQA3	0	0	0	0	73	27.6	1646	46	90	86	1.957	1.047	0.535	2.9	23.79
5225	40.8632	116.1937	-131.7	387	QQA3	0	0	0	0	78	27.5	1557	56	92	69	1.643	1.333	0.812	2.8	23.79
5226	40.8636	116.1937	-131.4	384	QQA3	0	0	0	0	69	27.5	1645	40	132	88	3.300	1.500	0.455	2.8	23.79
5227	40.8640	116.1937	-129.2	380	QQA3	0	0	0	0	73	24.0	1550	46	143	80	3.109	1.787	0.575	2.8	23.78
5228	40.8644	116.1937	-130.7	375	QQA3	0	0	0	0	78	24.0	1679	42	96	143	2.286	0.671	0.294	2.9	23.78
5229	40.8648	116.1938	-128.5	364	QQA3	0	0	0	0	75	23.8	1714	49	60	166	1.224	0.361	0.295	2.9	23.78
5230	40.8652	116.1938	-126.0	359	QQA3	0	0	0	0	78	23.7	1570	40	126	92	3.150	1.370	0.435	2.9	23.78
5231	40.8656	116.1938	-126.0	357	QQA3	0	0	0	0	83	23.7	1693	49	88	137	1.796	0.642	0.358	2.9	23.78
5232	40.8660	116.1938	-125.0	358	QQA3	0	0	0	0	75	23.7	1700	35	144	94	4.114	1.532	0.372	2.9	23.77
5233	40.8664	116.1938	-124.1	365	QQA3	0	0	0	0	71	23.8	1660	48	51	145	1.063	0.352	0.331	3.0	23.75
5234	40.8668	116.1938	-123.5	372	QQA3	0	0	0	0	67	23.9	1768	48	118	124	2.458	0.952	0.387	3.0	23.74
5235	40.8672	116.1938	-126.1	384	QQA3	0	0	0	0	77	24.1	1669	53	83	109	1.566	0.761	0.486	3.1	23.72
5236	40.8676	116.1938	-126.2	407	QQA3	0	0	0	0	77	24.4	1749	39	118	115	3.026	1.026	0.339	3.1	23.71

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5237	40.8680	116.1938	-130.6	432	QOA3	0	0	0	0	76	24.8	1721	51	46	123	0.902	0.374	0.415	3.1	23.69
5238	40.8684	116.1938	-134.2	455	QOA3	0	0	0	0	82	25.1	1641	49	42	143	0.857	0.294	0.343	3.2	23.68
5239	40.8688	116.1938	-134.6	457	QOA3	0	0	0	0	78	25.1	1724	45	81	117	1.800	0.692	0.385	3.2	23.68
5240	40.8692	116.1938	-137.7	447	QOA3	0	0	0	0	85	25.0	1640	52	40	154	0.769	0.260	0.338	3.2	23.68
5241	40.8696	116.1939	-138.4	445	QOA3	0	0	0	0	78	24.9	1647	48	42	144	0.875	0.292	0.333	3.2	23.67
5242	40.8700	116.1939	-137.9	444	QOA3	0	0	0	0	79	24.9	1647	53	116	60	2.189	1.933	0.883	3.1	23.65
5243	40.8704	116.1939	-139.4	440	QOA3	0	0	0	0	75	24.9	1658	35	162	80	4.629	2.025	0.438	3.1	23.64
5244	40.8708	116.1939	-144.4	434	OE	0	0	0	0	85	24.8	1604	42	74	96	1.762	0.771	0.438	3.1	23.62
5245	40.8712	116.1939	-148.0	418	OE	0	0	0	0	75	24.6	1656	58	27	120	0.466	0.225	0.483	3.1	23.60
5246	40.8716	116.1939	-154.7	386	OE	0	0	0	0	77	29.6	1507	34	76	91	2.235	0.835	0.374	3.1	23.59
5247	40.8720	116.1939	-157.7	352	OE	0	0	0	0	75	29.0	1452	47	84	71	1.787	1.183	0.662	3.2	23.57
5248	40.8724	116.1939	-157.2	350	OE	0	0	0	0	82	29.0	1463	51	59	98	1.157	0.602	0.520	3.2	23.56
5249	40.8728	116.1939	-161.4	349	OE	0	0	0	0	84	29.0	1497	23	58	110	2.522	0.527	0.209	3.1	23.55
5250	40.8732	116.1939	-163.7	338	OE	0	0	0	0	77	28.8	1372	31	45	112	1.452	0.402	0.277	3.1	23.53
5251	40.8736	116.1939	-164.5	338	OE	0	0	0	0	72	28.7	1409	37	31	103	0.838	0.301	0.359	3.1	23.51
5252	40.8741	116.1939	-168.0	329	OE	0	0	0	0	77	28.6	1342	21	69	77	3.286	0.896	0.273	3.1	23.50
5253	40.8745	116.1939	-172.6	335	OE	0	0	0	0	79	28.7	1342	31	71	69	2.290	1.029	0.449	3.0	23.48
5254	40.8749	116.1940	-176.0	348	OE	0	0	0	0	82	28.9	1233	34	28	91	0.824	0.308	0.374	3.0	23.46
5255	40.8753	116.1940	-178.4	358	OE	0	0	0	0	76	29.1	1241	29	106	23	3.655	4.609	1.261	2.9	23.45
5256	40.8757	116.1940	-179.0	368	OE	0	0	0	0	77	29.3	1347	27	109	57	4.037	1.912	0.474	2.9	23.45
5257	40.8761	116.1940	-182.4	379	OE	0	0	0	0	72	29.5	1409	26	64	106	2.462	0.604	0.245	3.0	23.44
5258	40.8765	116.1940	-185.4	377	OE	0	0	0	0	74	29.5	1508	47	43	101	0.915	0.426	0.465	2.9	23.43
5259	40.8769	116.1940	-185.3	355	OE	0	0	0	0	87	29.1	1474	28	87	90	3.107	0.967	0.311	2.9	23.42
5260	40.8773	116.1940	-189.6	337	OE	0	0	0	0	83	28.7	1417	38	84	61	2.211	1.377	0.623	2.9	23.41
5261	40.8777	116.1940	-192.0	346	OE	0	0	0	0	86	28.9	1453	53	41	105	0.774	0.390	0.505	2.9	23.40
5262	40.8781	116.1940	-192.4	364	OE	0	0	0	0	78	29.2	1554	42	92	102	2.190	0.902	0.412	2.9	23.39
5263	40.8785	116.1940	-195.1	388	OE	0	0	0	0	80	29.7	1588	46	84	111	1.826	0.757	0.414	2.9	23.40
5264	40.8789	116.1940	-201.8	416	OE	0	0	1	0	96	30.2	1545	44	11	133	0.250	0.083	0.331	2.9	23.40
5265	40.8793	116.1940	-200.6	443	OE	0	0	0	0	93	29.6	1564	52	49	100	0.942	0.490	0.520	2.9	23.39
5266	40.8797	116.1941	-202.9	466	OE	0	0	0	0	73	30.0	1621	43	108	72	2.512	1.500	0.597	2.8	23.39
5267	40.8801	116.1941	-208.7	483	OE	0	0	0	0	83	30.3	1503	32	79	68	2.469	1.162	0.471	2.8	23.38
5268	40.8805	116.1941	-209.8	490	OE	0	0	0	0	75	30.4	1554	34	77	129	2.265	0.597	0.264	2.9	23.38
5269	40.8809	116.1941	-211.3	494	OE	0	0	0	0	75	30.4	1621	31	79	99	2.548	0.798	0.313	2.8	23.38
5270	40.8813	116.1941	-213.2	494	OVI	0	0	0	0	78	30.4	1512	33	109	69	3.303	1.580	0.478	2.7	23.37
5271	40.8817	116.1941	-216.2	496	OVI	0	0	0	0	81	30.5	1720	46	132	79	2.870	1.671	0.582	2.7	23.37
5272	40.8821	116.1941	-217.1	496	OVI	0	0	0	0	81	30.5	1687	47	114	62	2.426	1.839	0.758	2.7	23.36
5273	40.8825	116.1941	-217.1	494	OVI	0	0	0	0	82	30.4	1608	40	61	111	1.525	0.550	0.360	2.7	23.35
5274	40.8829	116.1941	-220.1	493	OVI	0	0	0	0	85	30.4	1641	51	91	90	1.784	1.011	0.567	2.6	23.34
5275	40.8833	116.1941	-224.6	492	OVI	0	0	0	0	78	30.4	1537	39	79	74	2.026	1.068	0.527	2.6	23.34
5276	40.8837	116.1941	-229.6	487	OVI	0	0	0	0	86	30.3	1645	50	29	129	0.580	0.225	0.388	2.7	23.33
5277	40.8841	116.1941	-229.6	477	OVI	0	0	0	0	77	30.2	1610	50	42	135	0.840	0.311	0.370	2.7	23.33
5278	40.8845	116.1942	-231.7	463	OVI	0	0	0	0	75	29.9	1537	36	66	103	1.833	0.641	0.350	2.6	23.33
5279	40.8849	116.1942	-235.4	434	OVI	0	0	0	0	80	29.5	1398	33	55	88	1.667	0.625	0.375	2.6	23.32
5280	40.8853	116.1942	-236.5	420	OVI	0	0	0	0	89	29.2	1414	43	31	98	0.721	0.316	0.439	2.5	23.32
5281	40.8858	116.1942	-238.0	414	OVI	0	0	0	0	83	29.1	1441	25	146	52	5.840	2.808	0.481	2.5	23.32
5282	40.8862	116.1942	-239.0	414	OVI	0	0	0	0	77	29.1	1449	33	32	122	0.970	0.262	0.270	2.4	23.32
5283	40.8866	116.1942	-240.7	441	OVI	0	0	0	0	80	29.6	1530	52	29	81	0.558	0.358	0.642	2.4	23.30
5284	40.8870	116.1942	-242.1	476	OVI	0	0	0	0	76	31.2	1594	40	98	47	2.450	2.085	0.851	2.3	23.29
5285	40.8874	116.1942	-247.1	484	OVI	0	0	0	0	76	31.3	1510	35	51	134	1.457	0.381	0.261	2.2	23.28
5286	40.8878	116.1942	-250.3	450	OVI	0	0	0	0	84	30.8	1587	25	95	126	3.800	0.754	0.198	2.2	23.27
5287	40.8882	116.1942	-249.8	419	OVI	0	0	0	0	86	30.3	1505	42	41	124	0.976	0.331	0.339	2.0	23.26
5288	40.8886	116.1942	-249.2	419	OVI	0	0	0	0	85	30.3	1584	48	81	73	1.688	1.110	0.658	2.0	23.26
5289	40.8890	116.1942	-251.4	430	OVI	0	0	0	0	79	30.4	1596	29	121	73	4.172	1.658	0.397	1.9	23.25
5290	40.8894	116.1942	-253.6	431	OVI	0	0	0	0	77	30.5	1754	52	75	152	1.442	0.493	0.342	1.8	23.24

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5291	40.8898	116.1943	-257.7	416	OVI	0	0	0	0	78	30.2	1668	28	161	119	5.750	1.353	0.235	1.8	23.24
5292	40.8902	116.1943	-259.0	402	OVI	0	0	0	0	90	30.0	1564	25	114	117	4.560	0.974	0.214	1.7	23.22
5293	40.8906	116.1943	-262.6	386	OVI	0	0	0	0	86	29.7	1582	35	43	158	1.229	0.272	0.222	1.6	23.19
5294	40.8910	116.1943	-264.4	373	OVI	0	0	0	0	87	29.4	1591	32	75	128	2.344	0.586	0.250	1.6	23.21
5295	40.8914	116.1943	-265.9	374	OVI	0	0	0	0	77	29.5	1601	33	114	114	3.455	1.000	0.289	1.5	23.22
5296	40.8918	116.1943	-266.0	381	OVI	0	0	0	0	82	29.6	1610	36	71	124	1.972	0.573	0.290	1.5	23.22
5297	40.8922	116.1943	-268.1	396	OVI	0	0	0	0	84	29.9	1706	31	98	134	3.161	0.731	0.231	1.4	23.22
5298	40.8926	116.1943	-268.6	422	OVI	0	0	0	0	84	30.3	1735	35	95	132	2.714	0.720	0.265	1.4	23.22
5299	40.8930	116.1943	-271.2	463	OVI	0	0	0	0	80	31.0	1794	35	103	143	2.943	0.720	0.245	1.4	23.23
5300	40.8934	116.1943	-270.9	493	OVI	0	0	0	0	75	31.5	1789	45	124	132	2.756	0.939	0.341	1.4	23.23
5301	40.8938	116.1943	-272.4	492	OVI	0	0	0	0	81	31.5	1936	29	183	81	6.310	2.259	0.358	1.4	23.23
5302	40.8942	116.1943	-275.0	478	OVI	0	0	0	0	78	31.2	1749	44	170	100	3.864	1.700	0.440	1.4	23.22
5303	40.8946	116.1944	-277.6	464	OVI	0	0	0	0	69	28.4	1772	62	44	182	0.710	0.242	0.341	1.4	23.22
5304	40.8950	116.1944	-280.4	450	OVI	0	0	0	0	84	28.2	1762	37	151	108	4.081	1.398	0.343	1.5	23.21
5305	40.8954	116.1944	-282.0	433	OVI	0	0	0	0	85	27.9	1724	25	108	124	4.320	0.871	0.202	1.5	23.21
5306	40.8958	116.1944	-283.4	408	OVI	0	0	0	0	76	27.5	1775	54	141	59	2.611	2.390	0.915	1.4	23.21
5307	40.8962	116.1944	-285.5	404	OVI	0	0	0	0	86	27.5	1793	30	154	119	5.133	1.294	0.252	1.4	23.21
5308	40.8966	116.1944	-285.7	429	OVI	0	0	0	0	80	27.9	1722	27	212	67	7.852	3.164	0.403	1.3	23.21
5309	40.8970	116.1944	-285.4	468	OVI	0	0	0	0	82	28.5	1757	37	44	163	1.189	0.270	0.227	1.2	23.20
5310	40.8975	116.1944	-285.1	491	OVI	0	0	0	0	86	28.8	1710	49	104	89	2.122	1.169	0.551	1.1	23.20
5311	40.8979	116.1944	-286.5	504	OVI	0	0	0	0	71	29.0	1663	24	168	89	7.000	1.888	0.270	1.1	23.20
5312	40.8983	116.1944	-289.0	557	OVI	0	0	0	0	83	29.7	1760	31	68	161	2.194	0.422	0.193	1.0	23.19
5313	40.8987	116.1944	-289.2	593	OVI	0	0	0	0	86	30.2	1759	41	79	125	1.927	0.632	0.328	0.9	23.18
5314	40.8991	116.1944	-290.6	656	OVI	0	0	0	0	87	31.0	1781	42	29	155	0.690	0.187	0.271	1.0	23.17
5315	40.8995	116.1945	-293.2	668	OVI	0	0	0	0	82	31.2	1732	28	129	122	4.607	1.057	0.230	0.9	23.17
5316	40.8999	116.1945	-295.1	615	OVI	0	0	0	0	70	30.5	1709	52	100	89	1.923	1.124	0.584	0.9	23.18
5317	40.9003	116.1945	-296.4	572	OVI	0	0	0	0	84	29.9	1719	27	96	138	3.556	0.696	0.196	0.9	23.18
5318	40.9007	116.1945	-297.5	557	OVI	0	0	0	0	78	29.7	1776	37	56	153	1.514	0.366	0.242	0.8	23.18
5319	40.9011	116.1945	-297.4	537	OVI	0	0	0	0	79	29.5	1686	55	54	104	0.982	0.519	0.529	0.8	23.19
5320	40.9015	116.1945	-299.4	538	OVI	0	0	0	0	85	29.5	1732	29	171	99	5.897	1.727	0.293	0.8	23.20
5321	40.9019	116.1945	-300.8	544	OVI	0	0	0	0	86	29.6	1745	34	97	103	2.853	0.942	0.330	0.9	23.20
5322	40.9023	116.1945	-304.0	539	OVI	0	0	0	0	83	29.9	1725	35	95	82	2.714	1.159	0.427	0.9	23.20
5323	40.9027	116.1945	-303.8	529	OVI	0	0	0	0	76	29.8	1590	14	147	92	10.500	1.598	0.152	0.9	23.21
5324	40.9031	116.1945	-304.5	536	OVI	0	0	0	0	85	29.9	1769	43	83	112	1.930	0.741	0.384	0.9	23.21
5325	40.9035	116.1945	-304.5	563	OVI	0	0	0	0	77	30.3	1718	40	90	105	2.250	0.857	0.381	0.9	23.22
5326	40.9039	116.1945	-305.2	593	OVI	0	0	0	0	92	30.7	1770	36	56	147	1.556	0.381	0.245	1.0	23.23
5327	40.9043	116.1945	-307.4	599	OVI	0	0	0	0	88	30.8	1718	33	81	155	2.455	0.523	0.213	1.0	23.23
5328	40.9047	116.1946	-307.8	608	OVI	0	0	0	0	84	30.9	1768	29	123	132	4.241	0.932	0.220	1.0	23.24
5329	40.9051	116.1946	-308.4	615	OVI	0	0	0	0	83	31.0	1744	41	93	103	2.268	0.903	0.398	1.1	23.25
5330	40.9055	116.1946	-307.7	637	OVI	0	0	0	0	81	31.2	1800	39	154	86	3.949	1.791	0.453	1.1	23.26
5331	40.9059	116.1946	-308.6	645	OVI	0	0	0	0	69	31.4	1737	27	152	99	5.630	1.535	0.273	1.2	23.26
5332	40.9063	116.1946	-309.8	616	OVI	0	0	0	0	89	31.0	1647	32	60	87	1.875	0.690	0.368	1.2	23.27
5333	40.9067	116.1946	-312.2	597	OVI	0	0	0	0	84	30.7	1808	28	138	86	4.929	1.605	0.326	1.2	23.27
5334	40.9071	116.1946	-312.5	641	OVI	0	0	0	0	85	31.3	1762	40	126	105	3.150	1.200	0.381	1.2	23.27
5335	40.9075	116.1946	-311.8	665	OVI	0	0	0	0	75	31.6	1877	42	153	44	3.643	3.477	0.955	1.2	23.28
5336	40.9079	116.1946	-312.2	646	OVI	0	0	0	0	85	31.4	1771	28	117	122	4.179	0.959	0.230	1.2	23.28
5337	40.9083	116.1946	-313.4	638	OVI	0	0	0	0	81	31.3	1811	40	156	64	3.900	2.438	0.625	1.2	23.27
5338	40.9087	116.1946	-314.5	631	OVI	0	0	0	0	73	31.2	1769	37	90	141	2.432	0.638	0.262	1.2	23.27
5339	40.9092	116.1946	-313.2	624	OVI	0	0	0	0	79	31.1	1851	23	100	228	4.348	0.439	0.101	1.2	23.26
5340	40.9096	116.1947	-317.8	585	OVI	0	0	0	0	77	30.6	1779	34	120	123	3.529	0.976	0.276	1.2	23.26
5341	40.9100	116.1947	-317.1	514	OVI	0	0	0	0	89	28.7	1585	37	98	122	2.649	0.803	0.303	1.2	23.25
5342	40.9104	116.1947	-316.2	526	OVI	0	0	0	0	79	28.9	1686	27	182	56	6.741	3.250	0.482	1.2	23.25
5343	40.9108	116.1947	-316.1	534	OVI	0	0	0	0	76	29.0	1700	30	175	65	5.833	2.692	0.462	1.2	23.25
5344	40.9112	116.1947	-317.7	550	OVI	0	0	0	0	87	29.2	1736	25	116	147	4.640	0.789	0.170	1.2	23.23

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5345	40.9116	116.1947	-315.7	570	OVI	0	0	0	0	82	29.5	1690	38	130	74	3.421	1.757	0.514	1.2	23.22
5346	40.9120	116.1947	-316.9	608	OVI	0	0	0	0	93	30.0	1707	27	135	118	5.000	1.144	0.229	1.2	23.21
5347	40.9124	116.1947	-317.5	645	OVI	0	0	0	0	83	30.4	1854	11	147	158	13.364	0.930	0.070	1.2	23.21
5348	40.9128	116.1947	-317.5	679	OVI	0	0	0	0	74	30.8	1941	43	148	124	3.442	1.194	0.347	1.1	23.20
5349	40.9132	116.1947	-318.8	688	OVI	0	0	0	0	79	31.0	2006	62	108	159	1.742	0.679	0.390	1.1	23.20
5350	40.9136	116.1947	-316.6	710	OVI	1	0	0	0	88	31.2	2004	64	59	123	0.922	0.480	0.520	1.1	23.20
5351	40.9140	116.1947	-318.8	688	OVI	0	0	0	0	83	31.0	1933	32	105	157	3.281	0.669	0.204	1.1	23.19
5352	40.9144	116.1947	-316.8	680	OVI	0	0	0	0	88	30.9	2018	52	114	103	2.192	1.107	0.505	1.1	23.18
5353	40.9148	116.1947	-318.0	650	OVI	0	0	0	0	86	30.5	1931	23	147	121	6.391	1.215	0.190	1.0	23.18
5354	40.9152	116.1947	-316.3	645	OVI	0	0	0	0	82	30.4	1990	27	101	227	3.741	0.445	0.119	0.9	23.17
5355	40.9156	116.1947	-317.5	620	OVI	0	0	0	0	83	30.1	1919	45	71	150	1.578	0.473	0.300	0.9	23.17
5356	40.9160	116.1947	-317.9	595	OVI	0	0	0	0	81	29.8	1926	41	174	115	4.244	1.513	0.357	0.8	23.17
5357	40.9164	116.1947	-319.2	580	OVI	0	0	0	0	72	29.6	1989	43	162	115	3.767	1.409	0.374	0.9	23.17
5358	40.9168	116.1947	-319.7	578	OVI	0	0	0	0	85	29.6	1910	32	146	146	4.563	1.000	0.219	0.9	23.17
5359	40.9172	116.1947	-317.3	560	OVI	0	0	0	0	89	29.4	1855	31	122	185	3.935	0.659	0.168	0.9	23.17
5360	40.9176	116.1947	-318.1	555	OVI	0	0	0	0	80	27.6	1940	43	158	135	3.674	1.170	0.319	1.0	23.17
5361	40.9180	116.1947	-317.5	505	OVI	0	0	0	0	88	27.0	1753	34	155	92	4.559	1.685	0.370	1.0	23.16
5362	40.9184	116.1947	-318.0	497	OVI	0	0	0	0	75	26.9	1825	42	182	117	4.333	1.556	0.359	1.0	23.15
5364	40.9192	116.1947	-316.4	498	OVI	0	0	0	0	81	26.9	1932	27	188	152	6.963	1.237	0.178	1.0	23.12
5365	40.9196	116.1947	-317.4	496	OVI	0	0	0	0	74	26.9	1960	45	139	148	3.089	0.939	0.304	1.1	23.10
5366	40.9200	116.1947	-316.4	492	OVI	0	0	0	0	79	26.8	1866	41	107	188	2.610	0.569	0.218	1.2	23.08
5367	40.9204	116.1947	-317.2	480	OVI	0	0	0	0	86	26.6	1844	39	162	111	4.154	1.459	0.351	1.3	23.07
5368	40.9208	116.1947	-317.9	458	OVI	0	0	0	0	85	26.3	1857	42	160	101	3.810	1.584	0.416	1.3	23.05
5369	40.9212	116.1947	-317.0	444	OVI	0	0	0	0	81	26.1	1762	46	122	100	2.652	1.220	0.460	1.3	23.03
5370	40.9216	116.1947	-318.2	437	OVI	0	0	0	0	92	26.0	1751	33	160	115	4.848	1.391	0.287	1.4	23.01
5371	40.9220	116.1947	-316.8	429	OVI	0	0	0	0	91	25.9	1924	45	183	101	4.067	1.812	0.446	1.4	22.99
5372	40.9224	116.1947	-316.3	423	OVI	0	0	0	0	83	25.8	2032	44	212	71	4.818	2.986	0.620	1.5	22.98
5373	40.9228	116.1947	-316.9	408	OVI	0	0	0	0	88	25.6	1904	50	88	145	1.760	0.607	0.345	1.4	22.96
5374	40.9232	116.1947	-318.1	378	OVI	0	0	0	0	87	25.2	1838	26	231	94	8.885	2.457	0.277	1.4	22.93
5375	40.9236	116.1947	-316.9	342	OVI	0	0	0	0	82	24.6	1732	35	163	113	4.657	1.442	0.310	1.4	22.92
5376	40.9240	116.1947	-317.1	308	OVI	0	0	0	0	92	24.0	1620	17	152	119	8.941	1.277	0.143	1.4	22.90
5377	40.9245	116.1947	-317.6	281	OVI	0	0	0	0	86	23.6	1599	26	112	114	4.308	0.982	0.228	1.4	22.89
5378	40.9249	116.1947	-317.3	276	OVI	0	0	0	0	92	23.5	1569	36	60	141	1.667	0.426	0.255	1.4	22.88
5379	40.9253	116.1947	-317.9	299	OVI	0	0	0	0	89	23.9	1565	34	127	94	3.735	1.351	0.362	1.3	22.86
5380	40.9257	116.1947	-317.8	332	OVI	0	0	0	0	76	26.1	1717	39	98	136	2.513	0.721	0.287	1.3	22.86
5381	40.9261	116.1947	-317.4	370	OVI	0	0	0	0	92	26.7	1727	33	137	97	4.152	1.412	0.340	1.3	22.85
5382	40.9265	116.1946	-316.0	416	OVI	0	0	0	0	85	27.5	1626	51	45	123	0.882	0.366	0.415	1.4	22.86
5383	40.9269	116.1946	-317.3	464	OVI	0	0	0	0	85	28.2	1670	34	97	99	2.853	0.980	0.343	1.4	22.86
5384	40.9273	116.1946	-315.8	496	OVI	0	0	0	0	88	28.7	1755	38	106	126	2.789	0.841	0.302	1.4	22.87
5385	40.9277	116.1946	-315.9	507	OVI	0	0	0	0	89	28.8	1744	20	172	48	8.600	3.583	0.417	1.4	22.88
5386	40.9281	116.1946	-316.0	555	OVI	0	0	0	0	84	29.5	1735	22	108	132	4.909	0.818	0.167	1.4	22.88
5387	40.9285	116.1946	-315.3	603	OVI	0	0	0	0	93	30.1	1803	37	103	122	2.784	0.844	0.303	1.5	22.89
5388	40.9289	116.1946	-314.2	641	OVI	0	0	0	0	95	30.6	1673	50	37	119	0.740	0.311	0.420	1.5	22.90
5389	40.9293	116.1946	-313.7	659	OVI	0	0	0	0	81	30.8	1715	29	124	105	4.276	1.181	0.276	1.5	22.90
5390	40.9297	116.1946	-313.0	686	OVI	0	0	0	0	92	31.1	1812	34	96	103	2.824	0.932	0.330	1.5	22.91
5391	40.9301	116.1946	-312.7	715	OVI	1	0	0	0	82	31.5	1855	44	177	50	4.023	3.540	0.880	1.5	22.92
5392	40.9305	116.1946	-312.0	737	OVI	1	0	0	0	81	31.7	1742	24	132	96	5.500	1.375	0.250	1.5	22.92
5393	40.9309	116.1946	-311.6	781	OVI	1	0	0	0	91	32.2	1873	23	131	76	5.696	1.724	0.303	1.5	22.91
5394	40.9313	116.1946	-309.7	828	OVI	1	0	0	0	86	32.7	1837	49	92	138	1.878	0.667	0.355	1.5	22.92
5395	40.9317	116.1946	-311.1	831	OVI	1	0	0	0	85	32.7	1905	17	151	131	8.882	1.153	0.130	1.5	22.92
5396	40.9321	116.1946	-309.8	771	OVI	1	0	0	0	98	32.1	1942	37	103	182	2.784	0.566	0.203	1.5	22.93
5397	40.9325	116.1946	-311.4	668	OVI	0	0	0	0	85	30.9	1688	16	153	77	9.563	1.987	0.208	1.5	22.93
5398	40.9329	116.1946	-312.7	603	OVI	0	1	0	0	75	30.1	1670	28	201	22	7.179	9.136	1.273	1.5	22.94
5399	40.9333	116.1946	-310.6	549	OVI	0	0	0	0	90	26.0	1621	24	138	75	5.750	1.840	0.320	1.6	22.94

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	B:AIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5400	40.9337	116.1946	-312.6	517	OVI	0	0	0	0	87	25.6	1581	16	152	68	9.500	2.235	0.235	1.6	22.94
5401	40.9341	116.1946	-311.7	499	OVI	0	0	0	0	91	25.4	1578	39	52	122	1.333	0.426	0.320	1.5	22.94
5402	40.9345	116.1946	-308.7	494	OVI	0	0	0	0	89	25.3	1765	23	118	96	5.130	1.229	0.240	1.5	22.94
5403	40.9349	116.1946	-309.9	492	OVI	0	0	0	0	82	25.3	1800	32	168	127	5.250	1.323	0.252	1.5	22.94
5404	40.9353	116.1946	-309.7	491	OVI	0	0	0	0	94	25.3	1843	31	106	136	3.419	0.779	0.228	1.5	22.93
5405	40.9357	116.1946	-309.6	488	OVI	0	0	0	0	87	25.3	1893	48	87	145	1.813	0.600	0.331	1.5	22.92
5406	40.9361	116.1946	-309.9	478	OVI	0	0	0	0	92	25.1	1779	36	80	128	2.222	0.625	0.281	1.5	22.92
5407	40.9365	116.1946	-310.5	464	OVI	0	0	0	0	81	24.9	1994	43	137	136	3.186	1.007	0.316	1.5	22.91
5408	40.9369	116.1946	-308.8	453	OVI	0	0	0	0	86	24.8	1898	34	100	141	2.941	0.709	0.241	1.5	22.91
5409	40.9373	116.1946	-308.4	437	OVI	0	0	0	0	92	24.6	1921	38	116	139	3.053	0.835	0.273	1.5	22.91
5410	40.9377	116.1946	-307.5	421	OVI	0	0	0	0	79	24.4	1978	49	99	162	2.020	0.611	0.302	1.4	22.91
5411	40.9381	116.1946	-308.7	395	OVI	0	0	0	0	91	24.0	1978	42	136	130	3.238	1.046	0.323	1.4	22.91
5412	40.9385	116.1946	-308.1	371	OVI	0	0	0	0	95	23.7	1966	36	147	145	4.083	1.014	0.248	1.5	22.90
5413	40.9389	116.1946	-307.9	338	OVI	0	0	0	0	75	23.2	1899	38	158	155	4.158	1.019	0.245	1.5	22.89
5414	40.9393	116.1946	-307.3	309	OVI	0	0	0	0	87	22.7	1826	38	119	150	3.132	0.793	0.253	1.4	22.88
5415	40.9397	116.1946	-308.3	308	OVI	0	0	0	0	90	22.7	1843	42	90	170	2.143	0.529	0.247	1.4	22.88
5416	40.9401	116.1946	-307.3	333	OVI	0	0	0	0	91	23.1	1962	38	167	105	4.395	1.590	0.362	1.3	22.88
5417	40.9405	116.1946	-304.9	382	OVI	0	0	0	0	91	23.8	2136	40	117	199	2.925	0.588	0.201	1.3	22.88
5418	40.9409	116.1945	-304.3	446	OVI	0	0	0	0	85	32.6	2069	53	146	102	2.755	1.431	0.520	1.2	22.88
5419	40.9413	116.1945	-303.6	493	OVI	0	0	0	0	83	33.5	2211	68	35	250	0.515	0.140	0.272	1.2	22.88
5420	40.9417	116.1945	-303.8	500	OVI	0	0	0	0	84	33.6	2281	34	145	187	4.265	0.775	0.182	1.1	22.88
5421	40.9422	116.1945	-302.8	496	OVI	0	0	0	0	91	33.5	2193	56	125	162	2.232	0.772	0.346	1.1	22.88
5422	40.9426	116.1945	-302.0	497	OVI	0	0	0	0	81	33.5	2329	65	122	169	1.877	0.722	0.385	1.1	22.87
5423	40.9430	116.1945	-302.0	491	OVI	0	0	1	0	86	33.4	2214	70	18	222	0.257	0.081	0.315	0.9	22.87
5424	40.9434	116.1945	-302.6	453	OVI	0	0	0	0	94	32.8	2061	44	115	158	2.614	0.728	0.278	0.9	22.86
5425	40.9438	116.1945	-303.3	413	OVI	0	0	0	0	80	32.1	2021	36	157	131	4.361	1.198	0.275	0.9	22.85
5426	40.9442	116.1945	-302.1	376	OVI	0	0	0	0	78	31.3	1882	38	98	183	2.579	0.536	0.208	0.9	22.84
5427	40.9446	116.1945	-300.9	333	OVI	0	0	0	0	77	30.5	1889	37	160	150	4.324	1.067	0.247	0.8	22.84
5428	40.9450	116.1945	-301.2	297	OVI	0	0	0	0	92	29.8	1699	22	94	156	4.273	0.603	0.141	0.8	22.83
5429	40.9454	116.1945	-299.6	270	OVI	0	0	0	0	92	29.2	1611	29	125	105	4.310	1.190	0.276	0.7	22.82
5430	40.9458	116.1945	-301.3	256	OVI	0	0	0	0	88	28.9	1586	35	30	165	0.857	0.182	0.212	0.7	22.82
5431	40.9462	116.1945	-300.8	248	OVI	0	0	0	0	91	28.7	1657	54	33	94	0.611	0.351	0.574	0.7	22.81
5432	40.9466	116.1945	-300.2	257	OVI	0	0	0	0	92	28.9	1659	22	113	121	5.136	0.934	0.182	0.6	22.81
5433	40.9470	116.1945	-298.2	277	OVI	0	0	0	0	83	29.3	1762	31	186	101	6.000	1.842	0.307	0.5	22.81
5434	40.9474	116.1945	-299.6	282	OVI	0	0	0	0	92	29.5	1655	34	112	100	3.294	1.120	0.340	0.5	22.81
5435	40.9478	116.1945	-298.8	287	OVI	0	0	0	0	95	29.6	1732	28	186	95	6.643	1.958	0.295	0.5	22.82
5436	40.9482	116.1945	-299.1	306	OVI	0	0	0	0	84	30.0	1849	47	102	165	2.170	0.618	0.285	0.5	22.82
5437	40.9486	116.1945	-297.8	340	OVI	0	0	0	0	87	31.7	1893	36	131	151	3.639	0.868	0.238	0.4	22.82
5438	40.9490	116.1945	-296.0	373	OVI	0	0	0	0	76	32.3	1865	49	113	169	2.306	0.669	0.290	0.4	22.81
5439	40.9494	116.1945	-295.6	419	OVI	0	0	0	0	83	33.2	1932	37	197	108	5.324	1.824	0.343	0.5	22.82
5440	40.9498	116.1945	-296.1	469	OVI	0	0	0	0	84	34.1	2168	41	123	173	3.000	0.711	0.237	0.5	22.83
5441	40.9502	116.1945	-295.6	494	OVI	0	0	0	0	93	34.6	2000	47	146	130	3.106	1.123	0.362	0.5	22.83
5442	40.9506	116.1945	-293.8	525	OVI	0	0	0	0	84	35.1	2004	20	131	178	6.550	0.736	0.112	0.4	22.84
5443	40.9510	116.1945	-294.3	582	OVI	0	0	0	0	83	36.1	2190	46	98	221	2.130	0.443	0.208	0.5	22.84
5444	40.9514	116.1945	-290.1	641	OVI	0	0	0	0	88	37.0	2203	55	81	183	1.473	0.443	0.301	0.5	22.86
5445	40.9518	116.1945	-291.9	653	OVI	0	0	0	0	86	37.1	2090	40	70	228	1.750	0.307	0.175	0.4	22.86
5446	40.9522	116.1945	-291.7	679	OVI	0	0	0	0	92	37.5	2115	34	153	111	4.500	1.378	0.306	0.5	22.87
5447	40.9526	116.1945	-290.5	694	OVI	0	0	0	0	91	37.7	2056	65	33	208	0.508	0.159	0.313	0.5	22.88
5448	40.9530	116.1945	-289.1	708	OVI	1	0	0	0	91	37.9	2248	37	132	199	3.568	0.663	0.186	0.6	22.89
5449	40.9534	116.1945	-288.8	714	OVI	1	0	0	0	98	38.0	2218	67	119	140	1.776	0.850	0.479	0.7	22.89
5450	40.9538	116.1945	-287.5	710	OVI	1	0	0	0	80	37.9	2169	58	157	107	2.707	1.467	0.542	0.7	22.89
5451	40.9542	116.1945	-287.5	712	OVI	1	0	0	0	91	38.0	2063	33	96	157	2.909	0.611	0.210	0.8	22.90
5452	40.9546	116.1945	-287.0	731	OVI	1	0	0	0	93	38.2	2153	61	50	215	0.820	0.233	0.284	0.8	22.90
5453	40.9550	116.1944	-287.0	724	OVI	1	0	0	0	85	38.1	2167	55	108	166	1.964	0.651	0.331	0.9	22.91

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5454	40.9554	116.1944	-286.6	747	OVI	1	0	0	0	90	38.4	2128	43	72	226	1.674	0.319	0.190	0.8	22.93
5455	40.9558	116.1944	-287.0	756	OVI	1	0	0	0	82	38.6	2140	55	130	160	2.364	0.813	0.344	0.9	22.94
5456	40.9562	116.1944	-284.5	777	OVI	1	0	0	0	86	47.2	2129	41	71	235	1.732	0.302	0.174	1.0	22.95
5457	40.9566	116.1944	-283.5	805	OVI	1	0	0	0	91	47.7	2100	34	114	129	3.353	0.884	0.264	1.0	22.96
5458	40.9570	116.1944	-281.2	800	OVI	1	0	0	0	89	47.6	2015	50	104	154	2.080	0.675	0.325	0.9	22.97
5459	40.9574	116.1944	-281.5	740	OVI	1	0	1	0	72	46.7	2045	60	27	196	0.450	0.138	0.306	1.0	22.98
5460	40.9578	116.1944	-283.1	661	OVI	0	0	0	0	91	45.3	1837	66	73	108	1.106	0.676	0.611	1.0	22.98
5461	40.9582	116.1944	-282.0	604	OVI	0	0	0	0	82	44.3	1775	45	47	156	1.044	0.301	0.288	1.0	22.98
5462	40.9586	116.1944	-281.4	556	OVI	0	0	0	0	86	43.3	1918	27	101	126	3.741	0.802	0.214	1.0	22.97
5463	40.9590	116.1944	-281.0	510	OVI	0	0	0	0	95	42.4	1656	25	74	121	2.960	0.612	0.207	0.9	22.97
5464	40.9594	116.1944	-278.6	500	OVI	0	0	0	0	92	42.2	1749	35	108	103	3.086	1.049	0.340	1.0	22.97
5465	40.9599	116.1944	-281.0	502	OVI	0	0	0	0	92	42.2	1697	42	92	82	2.190	1.122	0.512	1.0	22.98
5466	40.9603	116.1944	-279.3	546	OVI	0	0	0	0	90	43.1	1793	24	154	51	6.417	3.020	0.471	1.0	22.98
5467	40.9607	116.1944	-279.8	547	OVI	0	0	0	0	88	43.2	1946	37	133	111	3.595	1.198	0.333	1.1	22.98
5468	40.9611	116.1944	-277.9	532	OVI	0	0	0	0	89	42.9	1829	40	86	134	2.150	0.642	0.299	1.0	22.98
5469	40.9615	116.1944	-277.1	500	OVI	0	0	0	0	78	42.2	1744	41	100	105	2.439	0.952	0.390	1.0	22.99
5470	40.9619	116.1944	-276.9	527	OVI	0	0	0	0	93	42.8	1739	26	114	87	4.385	1.310	0.299	1.0	22.99
5471	40.9623	116.1944	-275.8	589	OVI	0	0	0	0	84	44.0	1782	24	65	134	2.708	0.485	0.179	1.0	23.00
5472	40.9627	116.1944	-276.3	650	OVI	0	0	0	0	84	45.1	1995	24	212	74	8.833	2.865	0.324	1.1	23.00
5473	40.9631	116.1944	-274.5	676	OVI	0	0	0	0	80	45.6	1998	33	188	124	5.697	1.516	0.266	1.1	23.00
5474	40.9635	116.1944	-272.1	691	OVI	0	0	0	0	79	45.8	1934	46	81	150	1.761	0.540	0.307	1.1	23.00
5475	40.9639	116.1944	-273.9	625	OVI	0	0	0	0	87	40.8	2028	38	38	189	1.000	0.201	0.201	1.1	23.00
5476	40.9643	116.1944	-273.6	539	OVI	0	0	0	0	86	39.3	1837	26	112	128	4.308	0.875	0.203	1.1	23.00
5477	40.9647	116.1944	-271.4	494	OVI	0	0	0	0	81	38.4	1678	24	135	91	5.625	1.484	0.264	1.0	23.00
5478	40.9651	116.1944	-271.9	491	OVI	0	0	0	0	92	38.4	1722	17	117	137	6.882	0.854	0.124	1.1	23.00
5479	40.9655	116.1944	-270.9	493	OVI	0	0	1	0	77	38.4	1690	41	21	168	0.512	0.125	0.244	1.1	22.99
5480	40.9659	116.1944	-271.7	504	OVI	0	0	0	0	88	38.6	1735	35	60	145	1.714	0.414	0.241	1.1	22.99
5481	40.9663	116.1944	-271.0	588	OVI	0	0	0	0	85	40.2	1835	28	114	95	4.071	1.200	0.295	1.1	22.99
5482	40.9667	116.1944	-271.1	665	OVI	0	0	0	0	97	41.4	2133	49	101	174	2.061	0.580	0.282	1.1	22.99
5483	40.9671	116.1944	-269.1	694	OVI	0	0	0	0	83	41.9	2022	16	122	210	7.625	0.581	0.076	1.0	22.99
5484	40.9675	116.1944	-267.8	720	OVI	1	0	0	0	93	42.3	2228	44	146	169	3.318	0.864	0.260	1.0	23.00
5485	40.9679	116.1944	-267.4	730	OVI	1	0	0	0	77	42.5	2152	33	104	144	3.152	0.722	0.229	1.0	22.99
5486	40.9683	116.1944	-268.4	725	OVI	1	0	0	0	82	42.4	2078	44	116	154	2.636	0.753	0.286	1.0	22.96
5487	40.9687	116.1944	-267.4	698	OVI	0	0	0	0	90	42.0	2133	40	169	110	4.225	1.536	0.364	0.9	22.99
5488	40.9691	116.1944	-269.5	703	OVI	1	0	0	0	81	42.0	2288	63	136	129	2.159	1.054	0.488	0.9	22.99
5489	40.9695	116.1943	-266.2	715	OVI	1	0	0	0	90	42.2	2355	53	92	181	1.736	0.508	0.293	0.9	22.98
5490	40.9699	116.1943	-262.0	697	OVI	0	0	0	0	83	41.9	2090	20	165	163	8.250	1.012	0.123	0.8	22.96
5491	40.9703	116.1943	-263.6	684	OVI	0	0	0	0	86	41.7	2272	68	53	208	0.779	0.255	0.327	0.9	22.95
5492	40.9707	116.1943	-265.6	650	OVI	0	0	0	0	85	41.2	2082	39	103	201	2.641	0.512	0.194	0.9	22.96
5493	40.9711	116.1943	-266.0	633	OVI	0	0	0	0	81	40.9	2256	35	102	251	2.914	0.406	0.139	0.9	22.97
5494	40.9715	116.1943	-264.7	627	OVI	0	0	0	0	89	41.3	2040	37	169	128	4.568	1.320	0.289	0.9	22.97
5495	40.9719	116.1943	-264.9	603	OVI	0	0	0	0	98	40.9	2031	22	151	191	6.864	0.791	0.115	0.9	22.97
5496	40.9723	116.1943	-263.1	581	OVI	0	0	0	0	85	40.5	2203	51	112	183	2.196	0.612	0.279	0.9	22.97
5497	40.9727	116.1943	-262.7	555	OVI	0	0	0	0	87	40.0	1985	24	120	191	5.000	0.628	0.126	0.9	22.96
5498	40.9731	116.1943	-262.1	539	OVI	0	0	0	0	86	39.8	2097	33	170	120	5.152	1.417	0.275	0.9	22.95
5499	40.9735	116.1943	-261.9	498	OVI	0	0	0	0	86	39.0	2109	42	133	124	3.167	1.073	0.339	0.8	22.94
5500	40.9739	116.1943	-260.7	485	OVI	0	0	0	0	87	38.7	2047	45	87	177	1.933	0.492	0.254	0.8	22.92
5501	40.9743	116.1943	-261.0	453	OVI	0	0	0	0	75	38.1	1842	34	166	94	4.882	1.766	0.362	0.8	22.90
5502	40.9747	116.1943	-262.1	406	OVI	0	0	0	0	85	37.1	1763	24	161	101	6.708	1.594	0.238	0.7	22.89
5503	40.9751	116.1943	-263.1	395	OVI	0	0	0	0	89	36.8	1676	22	162	78	7.364	2.077	0.282	0.7	22.87
5504	40.9755	116.1943	-262.4	388	OVI	0	0	0	0	87	36.7	1615	23	55	143	2.391	0.385	0.161	0.7	22.84
5505	40.9759	116.1943	-261.9	383	OVI	0	0	0	0	89	36.6	1547	24	107	103	4.458	1.039	0.233	0.7	22.83
5506	40.9763	116.1943	-262.3	396	OVI	0	0	0	0	94	36.9	1621	37	123	106	3.324	1.160	0.349	0.6	22.84
5507	40.9767	116.1943	-260.0	449	OVI	0	0	0	0	85	38.0	1635	39	59	139	1.513	0.424	0.281	0.6	22.85

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5508	40.9771	116.1943	-259.4	49i	OVI	0	0	0	0	90	38.8	1672	32	105	97	3.281	1.082	0.330	0.7	22.85
5509	40.9776	116.1943	-259.5	497	OVI	0	0	0	0	84	39.0	1783	17	145	118	8.529	1.229	0.144	0.7	22.86
5510	40.9780	116.1943	-257.7	510	OVI	0	0	1	0	90	39.2	1658	57	21	139	0.368	0.151	0.410	0.7	22.86
5511	40.9784	116.1943	-256.6	5.7	OVI	0	0	0	0	77	40.4	1803	17	154	119	9.059	1.294	0.143	0.7	22.87
5512	40.9788	116.1943	-256.3	603	OVI	0	0	0	0	86	40.9	1861	27	73	148	2.704	0.493	0.182	0.8	22.87
5513	40.9792	116.1943	-256.4	622	OVI	0	0	0	0	88	35.4	1814	21	175	59	8.333	2.966	0.356	0.8	22.87
5514	40.9796	116.1943	-255.2	641	OVI	0	0	0	0	90	35.7	1985	42	98	144	2.333	0.681	0.292	0.8	22.88
5515	40.9800	116.1943	-255.8	650	OVI	0	0	0	0	86	35.8	1940	34	116	154	3.412	0.753	0.221	0.8	22.88
5516	40.9804	116.1943	-254.8	680	OVI	0	0	0	0	96	36.2	1806	19	125	116	6.579	1.078	0.164	0.8	22.89
5517	40.9808	116.1943	-252.5	716	OVI	1	0	0	0	87	36.7	1955	40	86	149	2.150	0.577	0.268	0.7	22.89
5518	40.9812	116.1943	-250.0	764	OVI	1	0	0	0	85	37.3	2081	26	177	126	6.808	1.405	0.206	0.8	22.90
5519	40.9816	116.1943	-250.7	795	OVI	1	0	0	0	100	37.7	2157	30	65	175	2.167	0.371	0.171	0.7	22.90
5520	40.9820	116.1943	-250.3	839	OVI	1	0	0	0	83	38.2	2138	31	99	212	3.194	0.467	0.146	0.7	22.90
5521	40.9824	116.1943	-248.3	843	OVI	1	0	0	0	91	38.3	2021	37	110	169	2.973	0.651	0.219	0.7	22.90
5522	40.9828	116.1943	-248.6	825	OVI	1	0	0	0	98	38.1	2044	51	55	164	1.078	0.335	0.311	0.7	22.90
5523	40.9832	116.1943	-248.1	765	OVI	1	0	0	0	86	37.3	2154	31	117	183	3.774	0.639	0.169	0.7	22.89
5524	40.9836	116.1943	-247.6	705	OVI	1	0	0	0	83	36.6	1930	45	89	113	1.978	0.788	0.398	0.7	22.88
5525	40.9840	116.1942	-247.6	639	OVI	0	0	0	0	81	35.7	1854	27	104	124	3.852	0.839	0.218	0.7	22.88
5526	40.9844	116.1942	-247.0	609	OVI	0	0	0	0	86	35.2	1845	25	156	127	6.240	1.228	0.197	0.7	22.87
5527	40.9848	116.1942	-247.6	566	OVI	0	0	0	0	92	34.6	1831	34	121	143	3.559	0.846	0.238	0.8	22.87
5528	40.9852	116.1942	-246.5	551	OVI	0	0	0	0	80	34.3	1891	39	137	120	3.513	1.142	0.325	0.9	22.87
5529	40.9856	116.1942	-247.1	499	OVI	0	0	0	0	101	33.5	1742	10	133	123	13.300	1.081	0.081	0.8	22.87
5530	40.9860	116.1942	-245.4	495	OVI	0	0	0	0	85	33.4	1673	37	87	126	2.351	0.690	0.294	0.8	22.87
5531	40.9864	116.1942	-246.9	488	OVI	0	0	0	0	89	33.3	1821	30	110	153	3.667	0.719	0.196	0.8	22.87
5532	40.9868	116.1942	-245.7	479	OVI	0	0	0	0	85	40.3	1712	39	44	165	1.128	0.267	0.236	0.8	22.87
5533	40.9872	116.1942	-247.0	495	OVI	0	0	0	0	82	40.6	1690	11	157	95	14.273	1.653	0.116	0.8	22.87
5534	40.9876	116.1942	-247.9	565	OVI	0	0	0	0	75	41.9	1793	25	122	126	4.880	0.968	0.198	0.9	22.87
5535	40.9880	116.1942	-245.0	636	OVI	0	0	0	0	86	43.2	1857	48	84	95	1.750	0.884	0.505	0.9	22.88
5536	40.9884	116.1942	-241.5	688	OVI	0	0	0	0	73	44.1	2016	39	125	122	3.205	1.025	0.320	1.0	22.87
5537	40.9888	116.1942	-242.7	721	OVI	1	0	0	0	92	44.7	1933	23	120	127	5.217	0.945	0.181	1.1	22.87
5538	40.9892	116.1942	-241.1	709	OVI	1	0	0	0	108	44.5	2099	20	113	184	5.650	0.614	0.109	1.2	22.87
5539	40.9896	116.1942	-243.1	639	OVI	0	0	0	0	81	43.3	1873	52	113	83	2.173	1.361	0.627	1.2	22.86
5540	40.9900	116.1942	-244.0	561	OVI	0	0	0	0	74	41.9	1900	34	118	99	3.471	1.192	0.343	1.3	22.86
5541	40.9904	116.1942	-243.7	499	OVI	0	0	0	0	91	40.7	1820	34	76	170	2.235	0.447	0.200	1.3	22.85
5542	40.9908	116.1942	-243.0	489	OVI	0	0	0	0	92	40.5	1736	25	89	117	3.560	0.761	0.214	1.3	22.84
5543	40.9912	116.1942	-241.7	438	OVI	0	0	0	0	94	39.4	1772	32	173	84	5.406	2.060	0.381	1.4	22.83
5544	40.9916	116.1942	-243.5	390	OVI	0	0	0	0	96	38.3	1684	29	90	105	3.103	0.857	0.276	1.4	22.82
5545	40.9920	116.1942	-243.0	360	OVI	0	0	0	0	91	37.6	1552	32	138	78	4.313	1.769	0.410	1.4	22.80
5546	40.9924	116.1942	-244.3	352	OVI	0	0	0	0	75	37.4	1598	29	102	110	3.517	0.927	0.264	1.5	22.78
5547	40.9928	116.1942	-244.0	352	OVI	0	0	0	0	87	37.4	1579	23	111	108	4.826	1.028	0.213	1.5	22.76
5548	40.9932	116.1942	-246.6	361	OVI	0	0	0	0	97	37.6	1578	25	130	109	5.200	1.193	0.229	1.5	22.76
5549	40.9936	116.1942	-243.2	402	OVI	0	0	0	0	80	38.6	1586	32	153	104	4.781	1.471	0.308	1.6	22.75
5550	40.9940	116.1942	-243.2	462	OVI	0	0	0	0	97	39.9	1752	28	112	84	4.000	1.333	0.333	1.6	22.75
5551	40.9944	116.1942	-242.2	491	OVI	0	0	0	0	98	38.8	1773	43	110	123	2.558	0.894	0.350	1.6	22.75
5552	40.9948	116.1942	-241.4	490	OVI	0	0	0	0	90	38.8	1886	28	120	136	4.286	0.882	0.206	1.7	22.74
5553	40.9952	116.1942	-242.1	467	OVI	0	0	0	0	87	38.3	1871	47	106	123	2.255	0.862	0.382	1.7	22.74
5554	40.9957	116.1942	-241.7	419	OVI	0	0	0	0	81	37.3	1658	29	121	134	4.172	0.903	0.216	1.7	22.73
5555	40.9961	116.1942	-240.6	370	OVI	0	0	0	0	83	36.3	1696	19	200	79	10.526	2.532	0.241	1.6	22.73
5556	40.9965	116.1942	-241.1	364	OVI	0	0	0	0	86	36.1	1640	18	133	132	7.389	1.008	0.136	1.7	22.72
5557	40.9969	116.1942	-241.8	399	OVI	0	0	0	0	101	36.9	1693	17	90	172	5.294	0.523	0.099	1.7	22.72
5558	40.9973	116.1942	-241.6	448	OVI	0	0	0	0	88	37.9	1731	15	142	138	9.467	1.029	0.109	1.6	22.71
5559	40.9977	116.1942	-241.7	487	OVI	0	0	0	0	94	38.7	1876	32	110	134	3.438	0.821	0.239	1.7	22.71
5560	40.9981	116.1942	-240.4	491	NA	0	0	0	0	94	38.8	1954	22	146	148	6.636	0.986	0.149	1.7	22.71
5561	40.9985	116.1941	-241.2	473	NA	0	0	0	0	83	38.4	1796	41	111	114	2.707	0.974	0.360	1.6	22.70

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
5562	40.9989	116.1941	-241.0	435	NA	0	0	0	0	89	37.7	1742	25	103	129	4.120	0.798	0.194	1.6	22.70
5563	40.9993	116.1941	-240.3	455	NA	0	0	0	0	88	38.1	1640	30	103	96	3.433	1.073	0.313	1.5	22.70
5564	40.9997	116.1941	-239.2	495	NA	0	0	1	0	88	38.9	1850	43	14	167	0.326	0.084	0.257	1.5	22.70
5565	41.0001	116.1941	-239.1	529	NA	0	0	0	0	98	39.5	1735	21	35	168	1.667	0.208	0.125	1.4	22.69
5566	41.0005	116.1941	-239.3	600	NA	0	0	0	0	104	40.8	1828	13	229	49	17.615	4.673	0.265	1.4	22.68
5567	41.0009	116.1941	-238.3	623	NA	0	0	0	0	86	41.2	1885	41	120	105	2.927	1.143	0.390	1.4	22.68
5568	41.0013	116.1941	-239.7	596	NA	0	0	0	0	94	40.8	2015	34	154	107	4.529	1.439	0.318	1.4	22.68
5569	41.0017	116.1941	-238.3	521	NA	0	0	0	0	91	39.4	1733	26	112	127	4.308	0.882	0.205	1.3	22.67
5570	41.0021	116.1941	-240.2	500	NA	0	0	0	0	92	38.7	1721	36	80	156	2.222	0.513	0.231	1.3	22.67
5571	41.0025	116.1941	-238.1	507	NA	0	0	0	0	91	38.8	1869	34	113	114	3.324	0.991	0.298	1.4	22.66
5572	41.0029	116.1941	-234.7	526	NA	0	0	0	0	94	39.2	1803	48	67	120	1.396	0.558	0.400	1.3	22.65
5573	41.0033	116.1941	-236.2	520	NA	0	0	0	0	84	39.1	1906	20	128	165	6.400	0.776	0.121	1.3	22.64
5574	41.0037	116.1941	-237.7	516	NA	0	0	0	0	82	39.0	1855	42	40	159	0.952	0.252	0.264	1.3	22.62
5575	41.0041	116.1941	-239.8	500	NA	0	0	0	0	87	38.7	1788	27	113	132	4.185	0.856	0.205	1.3	22.60
5576	41.0045	116.1941	-237.8	496	NA	0	0	0	0	92	38.6	1729	21	132	110	6.286	1.200	0.191	1.3	22.57
5577	41.0049	116.1941	-238.5	491	NA	0	0	0	0	83	38.5	1811	34	119	129	3.500	0.922	0.264	1.3	22.56
5578	41.0053	116.1941	-238.4	471	NA	0	0	0	0	82	38.1	1810	21	87	137	4.143	0.635	0.153	1.2	22.55
5579	41.0057	116.1941	-239.3	457	NA	0	0	0	0	73	37.8	1708	38	126	120	3.316	1.050	0.317	1.2	22.52
5580	41.0061	116.1941	-240.7	431	NA	0	0	0	0	98	37.3	1626	33	96	130	2.909	0.738	0.254	1.1	22.48
5581	41.0065	116.1941	-238.9	401	NA	0	0	0	0	83	36.7	1654	35	149	82	4.257	1.817	0.427	1.1	22.46
5582	41.0069	116.1941	-238.8	377	NA	0	0	0	0	91	36.2	1640	25	146	124	5.840	1.177	0.202	1.1	22.44
5583	41.0073	116.1941	-244.5	353	NA	0	0	0	0	89	35.6	1601	26	146	90	5.615	1.622	0.289	1.1	22.43
5584	41.0077	116.1941	-240.8	343	NA	0	0	0	0	103	35.4	1666	27	147	78	5.444	1.885	0.346	1.1	22.41
5585	41.0081	116.1941	-241.1	334	NA	0	0	0	0	90	35.2	1517	17	64	133	3.765	0.481	0.128	1.0	22.40
5586	41.0085	116.1941	-241.0	338	NA	0	0	0	0	98	35.3	1488	27	79	117	2.926	0.675	0.231	0.9	22.38
5587	41.0089	116.1941	-242.2	370	NA	0	0	0	0	109	36.0	1576	25	86	84	3.440	1.024	0.298	0.9	22.37
5588	41.0093	116.1941	-241.3	423	NA	0	0	0	0	97	37.1	1556	41	54	119	1.317	0.454	0.345	0.7	22.36
5589	41.0097	116.1941	-240.7	478	NA	0	0	0	0	96	38.3	1593	26	88	102	3.385	0.863	0.255	0.7	22.35
5590	41.0101	116.1941	-241.1	498	NA	0	0	0	0	90	38.7	1555	30	108	42	3.600	2.571	0.714	0.6	22.34
5591	41.0105	116.1941	-241.2	537	NA	0	0	0	0	101	39.4	1646	29	48	106	1.655	0.453	0.274	0.5	22.34
5592	41.0109	116.1941	-240.4	601	NA	0	0	0	0	89	40.6	1651	38	41	109	1.079	0.376	0.349	0.5	22.33
5593	41.0113	116.1941	-241.4	657	NA	0	0	0	0	91	41.5	1704	21	95	98	4.524	0.969	0.214	0.4	22.33
5594	41.0117	116.1941	-241.5	702	NA	1	0	0	0	96	42.2	1789	16	83	119	5.188	0.697	0.134	0.3	22.32
5595	41.0121	116.1941	-241.5	749	NA	1	0	0	0	96	42.9	1641	34	51	113	1.500	0.451	0.301	0.3	22.31
5596	41.0125	116.1941	-238.8	802	NA	1	0	1	0	100	43.7	1545	45	-19	133	-0.422	-0.143	0.338	0.2	22.31
5597	41.0129	116.1940	-239.6	854	NA	1	0	0	0	91	44.4	1604	33	38	113	1.152	0.336	0.292	0.2	22.32
5598	41.0134	116.1940	-238.5	921	NA	1	1	0	0	100	45.2	1772	24	112	30	4.667	3.733	0.800	0.2	22.32
5599	41.0138	116.1940	-236.8	996	NA	1	0	0	1	92	46.1	1761	7	99	88	14.143	1.125	0.080	0.1	22.32
5600	41.0142	116.1940	-236.0	1063	NA	2	0	1	0	84	46.8	1786	27	-41	265	-1.519	-0.155	0.102	0.1	22.32
5601	41.0146	116.1940	-236.7	1158	NA	2	0	1	0	82	47.2	1804	45	7	116	0.175	0.060	0.345	0.0	22.32
5602	41.0150	116.1940	-235.8	1253	NA	2	1	0	0	91	47.2	2150	74	77	9	1.041	8.556	8.222	0.0	22.32
5603	41.0154	116.1940	-235.1	1281	NA	2	0	0	0	95	47.2	1915	25	62	68	2.480	0.912	0.368	0.0	22.31
5604	41.0158	116.1940	-235.6	1328	NA	2	0	0	1	100	47.2	2066	-10	53	157	-5.300	0.338	-0.064	0.0	22.31
5605	41.0162	116.1940	-233.9	1348	NA	2	0	1	1	96	47.2	1826	1	9	236	9.000	0.038	0.004	0.0	22.31
5606	41.0166	116.1940	-233.3	1389	NA	2	1	0	0	100	47.2	2068	29	66	-2	2.276	-33.000	-14.500	0.0	22.31
5607	41.0170	116.1940	-233.4	1436	NA	2	0	1	0	101	47.2	2149	39	0	100	0.026	0.010	0.390	0.0	22.30
5608	41.0174	116.1940	-232.5	1506	NA	2	0	1	0	91	47.2	2319	58	7	236	0.121	0.030	0.246	-0.2	22.30
5609	41.0178	116.1940	-231.6	1556	NA	2	0	1	0	99	47.2	2458	79	-39	242	-0.494	-0.161	0.326	-0.2	22.30
5610	41.0182	116.1940	-233.0	1557	NA	2	0	1	0	93	47.2	2192	33	-8	131	-0.242	-0.061	0.252	-0.2	22.30

1 GEODATA INT. INC. SINGLE REC LISTING WINNEMUCCA TIE LINE 9

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
120	41.0158	116.0558	-258.5	604	NA	0	0	0	0	86	26.1	2307	70	150	131	2.143	1.145	0.534	5.7	22.80
121	41.0158	116.0558	-261.0	612	NA	0	0	0	0	82	26.2	2157	51	147	158	2.882	0.930	0.323	5.7	22.80
122	41.0158	116.0558	-263.1	593	NA	0	0	0	0	93	26.0	2345	92	66	156	0.717	0.423	0.590	5.7	22.80
123	41.0154	116.0558	-261.5	579	NA	0	0	0	0	81	25.9	2268	69	127	131	1.841	0.969	0.527	5.7	22.79
124	41.0150	116.0558	-265.6	577	NA	0	0	0	0	85	25.8	2303	77	108	177	1.403	0.610	0.435	5.7	22.79
125	41.0146	116.0558	-267.0	564	NA	0	0	0	0	85	25.7	2219	58	148	139	2.552	1.065	0.417	5.7	22.79
126	41.0141	116.0558	-271.3	529	NA	0	0	0	0	95	25.3	2133	56	95	156	1.696	0.609	0.359	5.7	22.79
127	41.0137	116.0558	-271.4	517	NA	0	0	0	0	93	25.1	2208	52	118	171	2.269	0.690	0.304	5.7	22.79
128	41.0133	116.0558	-272.0	508	NA	0	0	0	0	90	25.0	2156	71	111	130	1.563	0.854	0.546	5.8	22.79
129	41.0129	116.0558	-273.7	497	NA	0	0	0	0	85	24.9	2151	60	122	165	2.033	0.739	0.364	5.8	22.78
130	41.0125	116.0558	-275.2	492	NA	0	0	0	0	89	24.8	2156	69	142	117	2.058	1.214	0.590	5.8	22.78
131	41.0121	116.0558	-276.3	491	NA	0	0	0	0	89	24.8	2228	59	134	182	2.271	0.736	0.324	5.8	22.78
132	41.0117	116.0558	-279.5	493	NA	0	0	0	0	95	24.8	2161	63	56	192	0.889	0.292	0.328	5.8	22.78
133	41.0113	116.0558	-281.3	489	NA	0	0	0	0	94	24.8	2908	62	151	147	2.435	1.027	0.422	5.7	22.78
134	41.0109	116.0558	-282.9	488	NA	0	0	0	0	87	24.8	2475	74	122	192	1.649	0.635	0.385	5.7	22.78
135	41.0104	116.0558	-285.7	481	NA	0	0	0	0	94	24.7	2646	81	139	143	1.716	0.972	0.566	5.7	22.77
136	41.0100	116.0558	-287.3	468	NA	0	0	0	0	86	24.5	2447	80	83	192	1.037	0.432	0.417	5.6	22.77
137	41.0096	116.0558	-291.2	463	NA	0	0	0	0	91	24.5	2621	73	134	206	1.836	0.650	0.354	5.6	22.77
138	41.0092	116.0558	-294.3	450	NA	0	0	0	0	92	24.3	2390	75	118	187	1.573	0.631	0.401	5.7	22.76
139	41.0088	116.0558	-296.4	441	NA	0	0	0	0	94	24.2	2712	54	210	148	3.889	1.419	0.365	5.7	22.76
140	41.0084	116.0558	-296.4	448	NA	0	0	0	0	89	24.3	2703	47	233	156	4.957	1.494	0.301	5.7	22.76
141	41.0080	116.0558	-296.5	442	NA	0	0	0	0	102	24.2	2209	46	197	133	4.283	1.481	0.346	5.7	22.75
142	41.0076	116.0558	-295.7	417	NA	0	0	0	0	88	23.8	2467	49	194	136	3.959	1.426	0.360	5.6	22.74
143	41.0071	116.0558	-293.6	403	NA	0	0	0	0	106	23.6	2545	56	137	195	2.446	0.703	0.287	5.6	22.74
144	41.0067	116.0558	-293.6	406	NA	0	0	0	0	95	23.7	2444	66	100	201	1.515	0.498	0.328	5.6	22.73
145	41.0063	116.0558	-291.8	420	NA	0	0	0	0	91	23.9	2328	78	83	227	1.064	0.366	0.344	5.6	22.72
146	41.0059	116.0558	-293.6	414	NA	0	0	0	0	92	23.8	2528	66	128	172	1.939	0.744	0.384	5.6	22.72
147	41.0055	116.0557	-294.9	415	NA	0	0	0	0	92	23.8	2451	45	180	152	4.000	1.184	0.296	5.6	22.72
148	41.0051	116.0557	-298.8	424	NA	0	0	0	0	89	23.9	2665	52	114	214	2.192	0.533	0.243	5.6	22.71
149	41.0047	116.0557	-302.9	423	NA	0	0	0	0	81	23.9	2257	71	135	147	1.901	0.918	0.483	5.7	22.71
150	41.0043	116.0557	-304.7	413	NA	0	0	0	0	82	23.8	2199	60	168	146	2.800	1.151	0.411	5.6	22.71
151	41.0038	116.0557	-305.6	409	NA	0	0	0	0	87	23.7	2163	68	143	144	2.103	0.993	0.472	5.6	22.70
152	41.0034	116.0557	-306.4	397	NA	0	0	0	0	90	23.6	2231	82	60	207	0.732	0.290	0.396	5.6	22.69
153	41.0030	116.0557	-306.1	381	NA	0	0	0	0	89	23.3	2350	63	123	194	1.952	0.634	0.325	5.6	22.70
154	41.0026	116.0557	-309.3	357	NA	0	0	0	0	86	23.0	1994	40	160	167	4.000	0.958	0.240	5.5	22.70
155	41.0022	116.0557	-314.4	353	NA	0	0	0	0	86	27.5	2187	67	59	211	0.881	0.280	0.318	5.5	22.69
156	41.0018	116.0557	-322.1	356	NA	0	0	0	0	80	27.6	2287	53	149	155	2.811	0.961	0.342	5.5	22.68
157	41.0014	116.0557	-323.6	365	NA	0	0	0	0	89	27.8	2089	59	105	179	1.780	0.587	0.330	5.5	22.67
158	41.0010	116.0557	-329.6	369	NA	0	0	0	0	88	27.8	2282	53	128	181	2.415	0.707	0.293	5.5	22.67
159	41.0006	116.0557	-335.4	367	NA	0	0	0	0	89	27.8	2086	50	189	180	3.780	1.050	0.278	5.4	22.65
160	41.0001	116.0557	-343.0	360	TA1	0	0	0	0	105	27.7	2489	34	214	151	6.294	1.417	0.225	5.4	22.63
161	40.9997	116.0557	-357.6	350	TA1	0	0	0	0	87	27.5	2197	58	167	145	2.879	1.152	0.400	5.4	22.62
162	40.9993	116.0557	-360.2	339	TA1	0	0	0	0	98	27.3	2237	46	126	210	2.739	0.600	0.219	5.4	22.62
163	40.9989	116.0557	-360.7	320	TA1	0	0	0	0	89	27.0	2040	53	92	197	1.736	0.467	0.269	5.4	22.61
164	40.9985	116.0557	-358.5	284	TA1	0	0	0	0	87	26.3	2317	57	81	229	1.421	0.354	0.249	5.4	22.60
165	40.9981	116.0557	-345.0	259	TA1	0	0	0	0	90	25.8	1984	47	129	180	2.745	0.717	0.261	5.4	22.59
166	40.9977	116.0557	-335.3	254	TA1	0	0	0	0	95	25.7	2163	71	46	182	0.648	0.253	0.390	5.4	22.57
167	40.9973	116.0557	-333.3	257	TA1	0	0	1	0	99	25.8	2160	60	-5	270	-0.083	-0.019	0.222	5.3	22.57
168	40.9968	116.0557	-333.3	258	TA1	0	0	0	0	88	25.8	2092	39	126	208	3.231	0.606	0.188	5.3	22.56
169	40.9964	116.0557	-315.2	245	TA1	0	0	0	0	86	25.5	1970	49	102	198	2.082	0.515	0.247	5.3	22.55
170	40.9960	116.0557	-292.9	226	TA1	0	0	0	0	95	25.2	1915	56	117	151	2.089	0.775	0.371	5.3	22.54
171	40.9956	116.0557	-271.0	216	TA1	0	0	0	0	107	25.0	1798	37	155	152	4.189	1.020	0.243	5.3	22.52
172	40.9952	116.0557	-255.1	205	TA1	0	0	0	0	95	24.7	1856	51	154	161	3.020	0.957	0.317	5.3	22.49
173	40.9948	116.0557	-157.3	186	TA1	0	0	0	0	88	24.3	1768	45	88	183	1.956	0.481	0.246	5.3	22.48

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
174	40.9944	116.0557	-82.1	186	TA1	0	0	0	0	90	20.8	1782	32	154	151	4.813	1.020	0.212	5.3	22.46
175	40.9940	116.0557	-29.8	193	TA1	0	0	0	0	94	20.9	1783	50	73	159	1.460	0.459	0.314	5.3	22.44
176	40.9935	116.0557	7.3	208	TA1	0	0	0	0	99	21.2	1690	39	97	156	2.487	0.622	0.250	5.3	22.42
177	40.9931	116.0557	9.7	234	TA1	0	0	0	0	100	21.6	1858	35	125	179	3.571	0.698	0.196	5.2	22.41
178	40.9927	116.0557	-10.9	261	TA1	0	0	0	0	97	22.1	1868	33	69	196	2.091	0.352	0.168	5.2	22.40
179	40.9923	116.0557	-40.4	293	TA1	0	0	0	0	88	22.6	1819	35	110	142	3.143	0.775	0.246	5.2	22.40
180	40.9919	116.0557	-69.2	321	TA1	0	0	0	0	97	23.0	1972	53	71	203	1.340	0.350	0.261	5.2	22.38
181	40.9915	116.0557	-94.9	356	TA1	0	0	0	0	98	23.6	1840	42	84	150	2.000	0.560	0.280	5.2	22.38
182	40.9911	116.0557	-120.9	390	TA1	0	0	0	0	101	24.1	1968	52	104	127	2.000	0.819	0.409	5.1	22.39
183	40.9907	116.0557	-147.7	419	TA1	0	0	0	0	93	24.5	2070	62	109	170	1.758	0.641	0.365	5.2	22.39
184	40.9903	116.0557	-193.2	451	TA1	0	0	0	0	96	24.9	2017	57	97	115	1.702	0.843	0.496	5.2	22.38
185	40.9898	116.0557	-213.2	481	TA1	0	0	0	0	101	25.3	2049	52	86	192	1.654	0.448	0.271	5.2	22.38
186	40.9894	116.0557	-232.7	482	TA1	0	0	0	0	90	25.3	2069	55	122	153	2.218	0.797	0.359	5.2	22.38
187	40.9890	116.0557	-243.9	470	TA1	0	0	0	0	105	25.2	2030	58	48	195	0.828	0.246	0.297	5.2	22.38
188	40.9886	116.0557	-246.3	457	TA1	0	0	0	0	94	25.0	1992	46	101	166	2.196	0.608	0.277	5.2	22.38
189	40.9882	116.0557	-245.4	442	TA1	0	0	0	0	103	24.8	2050	63	92	123	1.460	0.748	0.512	5.1	22.38
190	40.9878	116.0557	-250.4	451	TA1	0	0	0	0	86	24.9	2199	54	112	196	2.074	0.571	0.276	5.1	22.38
191	40.9874	116.0557	-257.2	470	TA1	0	0	0	0	101	25.2	2149	65	79	166	1.215	0.476	0.392	5.1	22.38
192	40.9870	116.0557	-266.3	466	TA1	0	0	0	0	95	25.1	2012	51	119	164	2.333	0.726	0.311	5.1	22.38
193	40.9865	116.0557	-274.0	452	TA1	0	0	0	0	87	17.4	2027	46	78	198	1.696	0.394	0.232	5.2	22.37
194	40.9861	116.0557	-282.9	436	TA1	0	0	0	0	99	17.2	2083	48	181	140	3.771	1.293	0.343	5.1	22.36
195	40.9857	116.0557	-291.4	407	TA1	0	0	0	0	97	16.9	2042	68	67	185	0.985	0.362	0.368	5.2	22.37
196	40.9853	116.0557	-300.7	379	TA1	0	0	0	0	88	16.7	2060	57	128	168	2.246	0.762	0.339	5.2	22.37
197	40.9849	116.0557	-304.6	361	TA1	0	0	0	0	96	16.5	2061	46	118	202	2.565	0.584	0.228	5.2	22.38
198	40.9845	116.0557	-303.4	354	TA1	0	0	0	0	96	16.4	2160	45	197	144	4.378	1.368	0.313	5.2	22.39
199	40.9841	116.0557	-292.2	357	TA1	0	0	0	0	91	16.4	2195	63	132	186	2.095	0.710	0.339	5.2	22.39
200	40.9837	116.0557	-279.9	361	TA1	0	0	0	0	107	16.5	2214	72	155	147	2.153	1.054	0.490	5.2	22.39
201	40.9832	116.0557	-263.2	356	TA1	0	0	0	0	83	16.4	2060	69	150	120	2.174	1.250	0.575	5.2	22.39
202	40.9828	116.0557	-230.3	327	TA1	0	0	0	0	94	16.1	2017	54	142	169	2.630	0.840	0.320	5.2	22.38
203	40.9824	116.0557	-184.0	304	TA1	0	0	0	0	110	15.9	1999	59	83	164	1.407	0.506	0.360	5.2	22.38
204	40.9820	116.0556	-143.6	299	TA1	0	0	0	0	91	15.8	2036	54	161	164	2.981	0.982	0.329	5.2	22.37
205	40.9816	116.0556	-119.7	309	TA1	0	0	0	0	98	15.9	1974	63	121	174	1.921	0.695	0.362	5.2	22.37
206	40.9812	116.0556	-114.3	307	TA1	0	0	0	0	101	15.9	2010	71	131	186	1.845	0.704	0.382	5.2	22.35
207	40.9808	116.0556	-109.3	286	TA1	0	0	0	0	87	15.7	1863	42	92	211	2.190	0.436	0.199	5.2	22.35
208	40.9804	116.0556	-42.2	261	TA1	0	0	0	0	95	15.4	1829	49	100	166	2.041	0.602	0.295	5.3	22.34
209	40.9800	116.0556	4.0	229	TA1	0	0	0	0	96	15.0	1810	57	114	125	2.000	0.912	0.456	5.3	22.32
210	40.9795	116.0556	47.3	211	TA1	0	0	0	0	92	14.8	1653	52	44	165	0.846	0.267	0.315	5.3	22.32
211	40.9791	116.0556	94.4	203	TA1	0	0	0	0	96	14.7	1624	31	86	165	2.774	0.521	0.188	5.3	22.31
212	40.9787	116.0556	139.7	205	TA1	0	0	0	0	100	13.0	1712	43	136	147	3.163	0.925	0.293	5.3	22.31
213	40.9783	116.0556	179.5	214	TA1	0	0	1	0	98	13.1	1715	63	23	160	0.365	0.144	0.394	5.4	22.30
214	40.9779	116.0556	219.9	234	TA1	0	0	0	0	95	13.3	1767	42	148	146	3.524	1.014	0.288	5.4	22.30
215	40.9775	116.0556	235.3	255	TA1	0	0	0	0	98	13.5	1817	53	69	175	1.302	0.394	0.303	5.4	22.30
216	40.9771	116.0556	236.9	277	TA1	0	0	0	0	98	13.8	1895	65	85	129	1.308	0.659	0.504	5.4	22.31
217	40.9767	116.0556	214.8	299	TA1	0	0	0	0	97	14.0	1788	57	140	115	2.456	1.217	0.496	5.4	22.31
218	40.9762	116.0556	163.6	334	TA1	0	0	0	0	101	14.3	1905	50	120	154	2.400	0.779	0.325	5.4	22.32
219	40.9758	116.0556	42.5	362	TA1	0	0	0	0	110	14.6	1982	85	35	142	0.412	0.246	0.599	5.4	22.33
220	40.9754	116.0556	-11.2	393	TA1	0	0	0	0	100	14.9	2039	64	119	149	1.859	0.799	0.430	5.4	22.33
221	40.9750	116.0556	-47.8	422	TA1	0	0	0	0	98	15.1	2122	57	103	182	1.807	0.566	0.313	5.5	22.34
222	40.9746	116.0556	-70.4	441	TA1	0	0	0	0	94	15.3	2053	70	148	111	2.114	1.333	0.631	5.5	22.36
223	40.9742	116.0556	-88.8	457	TA1	0	0	0	0	92	15.4	2118	48	189	173	3.938	1.092	0.277	5.5	22.37
224	40.9738	116.0556	-102.7	472	TA1	0	0	1	0	95	15.5	2086	76	18	242	0.237	0.074	0.314	5.5	22.40
225	40.9734	116.0556	-113.4	487	TA1	0	0	0	0	97	15.6	2168	54	141	208	2.611	0.678	0.260	5.5	22.39
226	40.9729	116.0556	-122.1	493	TA1	0	0	0	0	94	15.7	2162	57	120	160	2.105	0.750	0.356	5.5	22.40
227	40.9725	116.0556	-126.6	497	TA1	0	0	0	0	95	15.7	2100	77	93	157	1.208	0.497	0.412	5.6	22.42

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
228	40.9721	116.0556	-130.8	503	TA1	0	0	0	0	101	15.8	2111	55	88	180	1.600	0.489	0.306	5.6	22.42
229	40.9717	116.0556	-135.8	531	TA1	0	0	0	0	92	16.0	2128	52	111	168	2.135	0.661	0.310	5.7	22.43
230	40.9713	116.0556	-138.9	594	TA1	0	0	0	0	94	16.5	2342	55	131	182	2.382	0.720	0.302	5.7	22.43
231	40.9709	116.0556	-138.8	570	TA1	0	0	0	0	102	21.6	2207	37	141	193	3.811	0.731	0.192	5.7	22.46
232	40.9705	116.0556	-139.2	555	TA1	0	0	0	0	95	21.4	2256	57	125	173	2.193	0.723	0.329	5.8	22.48
233	40.9701	116.0556	-140.3	550	TA1	0	0	0	0	89	21.4	2225	55	139	161	2.527	0.863	0.342	5.8	22.50
234	40.9697	116.0556	-145.7	535	TA1	0	0	0	0	90	21.2	2165	54	95	161	1.759	0.590	0.335	5.8	22.52
235	40.9692	116.0556	-152.5	505	TA1	0	0	0	0	83	20.9	2123	42	153	188	3.643	0.814	0.223	5.8	22.54
236	40.9688	116.0556	-156.1	495	TA1	0	0	0	0	89	20.8	2145	43	101	223	2.349	0.453	0.193	5.8	22.55
237	40.9684	116.0556	-155.5	480	TA1	0	0	0	0	89	20.7	2028	61	115	171	1.885	0.673	0.357	5.8	22.56
238	40.9680	116.0556	-148.1	449	TA1	0	0	0	0	97	20.3	2027	62	107	176	1.726	0.608	0.352	5.8	22.57
239	40.9676	116.0556	-129.6	415	TA1	0	0	0	0	87	20.0	1956	60	49	189	0.817	0.259	0.317	5.9	22.58
240	40.9672	116.0556	-98.1	389	TA1	0	0	0	0	99	19.7	1855	42	109	149	2.595	0.732	0.282	5.9	22.58
241	40.9668	116.0556	-60.7	382	TA1	0	0	0	0	84	19.6	1968	50	92	184	1.840	0.500	0.272	5.9	22.59
242	40.9664	116.0556	-25.6	396	TA1	0	0	0	0	92	19.7	2008	44	124	204	2.818	0.608	0.216	5.9	22.60
243	40.9659	116.0556	3.7	409	TA1	0	0	0	0	96	19.9	2034	47	118	159	2.511	0.742	0.296	6.0	22.61
244	40.9655	116.0556	6.7	411	TA1	0	0	0	0	92	19.9	2052	76	104	143	1.368	0.727	0.531	6.0	22.62
245	40.9651	116.0556	8.9	409	TA1	0	0	0	0	113	19.9	2048	61	98	164	1.607	0.598	0.372	6.0	22.62
246	40.9647	116.0556	8.7	417	TA1	0	0	0	0	89	20.0	1933	51	133	139	2.608	0.957	0.367	6.0	22.63
247	40.9643	116.0556	-3.9	437	TA1	0	0	0	0	93	20.2	2057	59	115	166	1.949	0.693	0.355	6.0	22.65
248	40.9639	116.0556	-23.1	450	TA1	0	0	0	0	94	20.4	2030	50	186	118	3.720	1.576	0.424	6.0	22.66
249	40.9635	116.0556	-39.7	447	TA1	0	0	0	0	95	20.3	2251	71	45	209	0.634	0.215	0.340	6.0	22.67
250	40.9631	116.0556	-48.3	434	TA1	0	0	0	0	84	22.8	2083	46	127	150	2.761	0.847	0.307	6.0	22.68
251	40.9626	116.0556	-56.5	438	TA1	0	0	0	0	96	22.8	2061	68	44	195	0.647	0.226	0.349	6.0	22.69
252	40.9622	116.0556	-65.6	463	TA1	0	0	0	0	94	23.1	2054	60	148	156	2.467	0.949	0.385	6.0	22.70
253	40.9618	116.0556	-78.7	488	TA1	0	0	0	0	92	23.4	2085	60	58	222	0.967	0.261	0.270	6.1	22.71
254	40.9614	116.0556	-107.4	495	TA1	0	0	0	0	86	23.5	2141	60	94	191	1.567	0.492	0.314	6.1	22.72
255	40.9610	116.0556	-117.9	495	TA1	0	0	0	0	77	23.5	2113	64	136	136	2.125	1.000	0.471	6.1	22.73
256	40.9606	116.0556	-133.0	492	TA1	0	0	0	0	95	23.5	2096	62	72	153	1.161	0.471	0.405	6.2	22.74
257	40.9602	116.0556	-139.4	481	TA1	0	0	0	0	82	23.4	1995	45	133	160	2.956	0.831	0.281	6.2	22.75
258	40.9598	116.0556	-136.4	448	TA1	0	0	0	0	87	22.9	1946	47	150	135	3.191	1.111	0.348	6.3	22.77
259	40.9594	116.0556	-126.9	422	TA1	0	0	0	0	89	22.6	1943	67	81	201	1.209	0.403	0.333	6.4	22.77
260	40.9589	116.0556	-102.0	415	WF	0	0	0	0	87	22.5	1954	42	128	170	3.048	0.753	0.247	6.4	22.79
261	40.9585	116.0556	-82.7	424	WF	0	0	0	0	85	22.7	1982	40	198	89	4.950	2.225	0.449	6.5	22.79
262	40.9581	116.0555	-71.7	427	WF	0	0	0	0	83	22.7	1984	48	152	139	3.167	1.094	0.345	6.5	22.80
263	40.9577	116.0555	-77.2	431	WF	0	0	0	0	87	22.7	1972	51	159	119	3.118	1.336	0.429	6.5	22.81
264	40.9573	116.0555	-94.2	441	WF	0	0	0	0	100	22.9	1973	49	90	155	1.837	0.581	0.316	6.5	22.82
265	40.9569	116.0555	-115.8	455	WF	0	0	0	0	80	23.0	1934	45	160	154	3.556	1.039	0.292	6.6	22.83
266	40.9565	116.0555	-155.8	460	WF	0	0	0	0	92	23.1	1992	42	123	146	2.929	0.842	0.288	6.7	22.83
267	40.9561	116.0555	-164.1	459	WF	0	0	0	0	85	23.1	1934	36	155	157	4.306	0.987	0.229	6.7	22.84
268	40.9556	116.0555	-162.3	463	WF	0	0	0	0	84	23.1	1995	79	57	155	0.722	0.368	0.510	6.8	22.84
269	40.9552	116.0555	-157.1	464	WF	0	0	0	0	94	27.2	2018	47	161	145	3.426	1.110	0.324	6.8	22.84
270	40.9548	116.0555	-151.4	467	WF	0	0	0	0	85	27.3	1936	47	142	131	3.021	1.084	0.359	6.8	22.85
271	40.9544	116.0555	-148.5	485	WF	0	0	0	0	86	27.5	1872	39	147	128	3.769	1.148	0.305	6.9	22.86
272	40.9540	116.0555	-149.9	496	WF	0	0	0	0	92	27.7	2044	44	125	179	2.841	0.698	0.246	6.9	22.87
273	40.9536	116.0555	-153.8	509	WF	0	0	0	0	95	27.8	1995	57	104	132	1.825	0.788	0.432	6.9	22.87
274	40.9532	116.0555	-152.8	551	WF	0	0	0	0	81	28.4	2070	45	151	163	3.356	0.926	0.276	7.0	22.88
275	40.9528	116.0555	-150.0	554	WF	0	0	0	0	92	28.4	1943	47	84	156	1.787	0.538	0.301	7.0	22.88
276	40.9523	116.0555	-146.2	592	WF	0	0	0	0	88	28.9	2057	74	54	209	0.730	0.258	0.354	7.0	22.88
277	40.9519	116.0555	-142.5	591	WF	0	0	0	0	88	28.9	2016	32	102	171	3.188	0.596	0.187	7.1	22.88
278	40.9515	116.0555	-136.2	599	WF	0	0	0	0	83	29.0	2121	52	65	180	1.250	0.361	0.289	7.1	22.89
279	40.9511	116.0555	-134.9	610	WF	0	0	0	0	84	29.2	2036	37	112	182	3.027	0.615	0.203	7.1	22.89
280	40.9507	116.0555	-138.1	628	WF	0	0	0	0	80	29.4	2124	33	56	278	1.697	0.201	0.119	7.1	22.90
281	40.9503	116.0555	-137.5	639	WF	0	0	0	0	88	29.5	2130	50	86	180	1.720	0.478	0.278	7.1	22.91

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
282	40.9499	116.0555	-141.7	620	WF	0	0	0	0	78	29.3	2044	59	123	154	2.085	0.799	0.383	7.1	22.91
283	40.9495	116.0555	-143.2	596	WF	0	0	0	0	76	29.0	2043	45	146	129	3.244	1.132	0.349	7.2	22.91
284	40.9491	116.0555	-144.0	588	WF	0	0	0	0	80	28.9	2049	41	115	178	2.805	0.646	0.230	7.2	22.92
285	40.9486	116.0555	-145.3	552	WF	0	0	0	0	83	28.4	2004	48	84	158	1.750	0.532	0.304	7.2	22.92
286	40.9482	116.0555	-146.3	504	WF	0	0	0	0	98	27.8	2044	43	107	164	2.488	0.652	0.262	7.3	22.93
287	40.9478	116.0555	-149.1	500	WF	0	0	0	0	81	27.7	2067	52	113	164	2.173	0.689	0.317	7.3	22.93
288	40.9474	116.0555	-149.6	498	WF	0	0	0	0	85	26.9	2089	39	134	181	3.436	0.740	0.215	7.3	22.92
289	40.9470	116.0555	-151.0	489	WF	0	0	0	0	94	26.8	2069	36	143	165	3.972	0.867	0.218	7.3	22.92
290	40.9466	116.0555	-154.3	481	WF	0	0	0	0	79	26.7	2087	47	137	152	2.915	0.901	0.309	7.4	22.92
291	40.9462	116.0555	-153.8	492	WF	0	0	0	0	77	26.8	2165	32	144	212	4.500	0.679	0.151	7.4	22.92
292	40.9458	116.0555	-154.7	501	WF	0	0	0	0	89	26.9	2055	48	105	176	2.188	0.597	0.273	7.5	22.92
293	40.9453	116.0555	-155.9	514	WF	0	0	0	0	86	27.1	2299	51	101	207	1.980	0.488	0.246	7.5	22.92
294	40.9449	116.0555	-156.5	508	WF	0	0	0	0	87	27.0	2219	66	73	203	1.106	0.360	0.325	7.5	22.92
295	40.9445	116.0555	-156.1	499	WF	0	0	0	0	81	26.9	2315	50	204	152	4.080	1.342	0.329	7.5	22.92
296	40.9441	116.0555	-155.6	502	WF	0	0	0	0	84	27.0	2592	55	154	210	2.800	0.733	0.262	7.5	22.92
297	40.9437	116.0555	-154.0	520	WF	0	0	0	0	80	27.2	2430	81	97	203	1.198	0.478	0.399	7.6	22.92
298	40.9433	116.0555	-156.3	537	WF	0	0	0	0	86	27.4	2541	71	152	225	2.141	0.676	0.316	7.6	22.91
299	40.9429	116.0555	-156.6	540	WF	0	0	0	0	88	27.4	2889	62	144	244	2.323	0.590	0.254	7.6	22.90
300	40.9425	116.0555	-154.5	519	WF	0	0	0	0	85	27.2	2470	44	115	248	2.614	0.464	0.177	7.6	22.90
301	40.9420	116.0555	-152.9	518	WF	0	0	0	0	89	27.2	2538	81	111	218	1.370	0.509	0.372	7.7	22.90
302	40.9416	116.0555	-152.0	498	WF	0	0	0	0	89	26.9	2489	52	173	180	3.327	0.961	0.289	7.7	22.89
303	40.9412	116.0555	-150.9	490	WF	0	0	0	0	79	26.8	2486	61	92	240	1.508	0.383	0.254	7.7	22.89
304	40.9408	116.0555	-149.6	468	WF	0	0	0	0	91	26.5	2540	88	134	207	1.523	0.647	0.425	7.7	22.89
305	40.9404	116.0555	-148.6	440	WF	0	0	0	0	88	26.1	2499	72	199	142	2.764	1.401	0.507	7.7	22.88
306	40.9400	116.0555	-149.5	400	WF	0	0	0	0	95	25.5	2440	66	86	260	1.303	0.331	0.254	7.7	22.88
307	40.9396	116.0555	-146.3	393	WF	0	0	0	0	89	28.8	2448	72	118	217	1.639	0.544	0.332	7.7	22.88
308	40.9392	116.0555	-143.2	413	WF	0	0	0	0	78	29.2	2744	80	167	219	2.088	0.763	0.365	7.7	22.87
309	40.9388	116.0555	-141.7	415	WF	0	0	0	0	91	29.2	2466	84	99	239	1.179	0.414	0.351	7.6	22.86
310	40.9383	116.0555	-139.6	405	TI2	0	0	0	0	80	29.0	2597	52	235	184	4.519	1.277	0.283	7.6	22.86
311	40.9379	116.0555	-138.0	388	TI2	0	0	0	0	86	28.7	2539	55	234	163	4.255	1.436	0.337	7.5	22.84
312	40.9375	116.0555	-136.8	357	TI2	0	0	0	0	91	28.2	2398	65	198	192	3.046	1.031	0.339	7.6	22.84
313	40.9371	116.0555	-129.3	327	TI2	0	0	0	0	82	27.7	2501	70	148	255	2.114	0.580	0.275	7.6	22.84
314	40.9367	116.0555	-126.0	300	TI2	0	0	0	0	92	27.2	2510	59	174	200	2.949	0.870	0.295	7.6	22.84
315	40.9364	116.0555	-122.9	301	TI2	0	0	0	0	90	27.2	2579	51	215	178	4.216	1.208	0.287	7.6	22.83
316	40.9360	116.0555	-120.3	318	TI2	0	0	0	0	90	27.5	2474	62	235	145	3.790	1.621	0.428	7.5	22.83
317	40.9357	116.0555	-114.0	328	TI2	0	0	0	0	93	27.7	2524	61	162	227	2.656	0.714	0.269	7.5	22.83
318	40.9353	116.0555	-109.8	328	TI2	0	0	0	0	91	27.7	2356	42	285	176	6.786	1.619	0.239	7.5	22.82
319	40.9350	116.0555	-101.7	328	TI2	0	0	0	0	91	27.7	2356	51	306	139	6.000	2.201	0.367	7.5	22.82
320	40.9347	116.0555	-94.4	338	TI2	0	0	0	0	86	27.9	2478	43	269	174	6.256	1.546	0.247	7.4	22.81
321	40.9343	116.0555	-86.0	359	TI2	0	0	0	0	86	28.2	2466	60	185	185	3.083	1.000	0.324	7.4	22.81
322	40.9340	116.0555	-79.3	371	TI2	0	0	0	0	96	28.5	2582	68	228	177	3.353	1.288	0.384	7.4	22.81
323	40.9337	116.0555	-71.0	355	TI2	0	0	0	0	89	28.2	2446	53	317	136	5.981	2.331	0.390	7.4	22.80
324	40.9333	116.0555	-68.2	336	TI2	0	0	0	0	84	27.8	2380	56	185	162	3.304	1.142	0.346	7.4	22.79
325	40.9330	116.0555	-70.3	332	TI2	0	0	0	0	85	27.7	2526	52	221	199	4.250	1.111	0.261	7.4	22.79
326	40.9327	116.0555	-68.4	332	TI2	0	0	0	0	94	24.8	2520	49	232	171	4.735	1.357	0.287	7.4	22.79
327	40.9323	116.0555	-64.6	340	TI2	0	0	0	0	84	24.9	2438	51	209	165	4.098	1.267	0.309	7.4	22.80
328	40.9320	116.0555	-62.7	332	TI2	0	0	0	0	86	24.8	2331	55	209	200	3.800	1.045	0.275	7.4	22.80
329	40.9317	116.0555	-59.2	322	TI2	0	0	0	0	83	24.6	2350	51	227	174	4.451	1.305	0.293	7.4	22.80
330	40.9313	116.0555	-55.2	325	TI2	0	0	0	0	94	24.7	2445	57	191	179	3.351	1.067	0.318	7.4	22.81
331	40.9310	116.0555	-46.4	346	TI2	0	0	0	0	97	25.0	2443	37	151	294	4.081	0.514	0.126	7.4	22.81
332	40.9307	116.0555	-40.6	384	TI2	0	0	0	0	87	25.6	2423	66	176	210	2.667	0.838	0.314	7.4	22.82
333	40.9303	116.0555	-35.0	434	TI2	0	0	0	0	92	26.4	2465	57	152	206	2.667	0.738	0.277	7.4	22.82
334	40.9300	116.0555	-29.7	455	TI2	0	0	0	0	87	26.7	2636	42	193	218	4.595	0.885	0.193	7.4	22.82
335	40.9296	116.0555	-24.6	463	TI2	0	0	0	0	95	26.8	2432	49	170	218	3.469	0.780	0.225	7.4	22.81

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
336	40.9293	116.0555	-16.0	491	TI2	0	0	0	0	87	27.2	2359	47	180	163	3.830	1.104	0.288	7.4	22.80
337	40.9290	116.0555	-9.9	486	TI2	0	0	0	0	86	27.1	2217	33	223	181	6.758	1.232	0.182	7.4	22.80
338	40.9286	116.0555	-5.1	462	TI2	0	0	0	0	90	26.8	2219	45	198	145	4.400	1.366	0.310	7.4	22.81
339	40.9283	116.0555	2.0	455	TI2	0	0	0	0	92	26.7	2096	40	137	147	3.425	0.932	0.272	7.4	22.81
340	40.9280	116.0555	4.4	426	TI2	0	0	0	0	87	26.3	2199	34	223	107	6.559	2.084	0.318	7.4	22.80
341	40.9276	116.0555	9.5	383	TI2	0	0	0	0	85	25.6	1883	28	189	104	6.750	1.817	0.269	7.4	22.80
342	40.9273	116.0555	12.4	345	TI2	0	0	0	0	83	25.0	1840	42	143	114	3.405	1.254	0.368	7.4	22.80
343	40.9270	116.0555	16.8	316	TI2	0	0	0	0	87	24.6	1788	40	219	98	5.475	2.235	0.408	7.4	22.80
344	40.9266	116.0555	21.6	298	TI2	0	0	0	0	88	24.2	1672	29	147	120	5.069	1.225	0.242	7.4	22.81
345	40.9263	116.0555	26.0	291	TI2	0	0	0	0	83	22.2	1709	29	173	93	5.966	1.860	0.312	7.4	22.81
346	40.9260	116.0555	30.1	289	TI2	0	0	0	0	88	22.2	1667	29	134	127	4.621	1.055	0.228	7.4	22.81
347	40.9256	116.0555	35.4	306	TI2	0	0	0	0	94	22.4	1756	29	254	59	8.759	4.305	0.492	7.4	22.82
348	40.9253	116.0555	43.2	318	TI2	0	0	0	0	89	22.6	1783	30	161	101	5.367	1.594	0.297	7.5	22.82
349	40.9250	116.0555	45.6	340	TI2	0	0	0	0	94	22.9	1748	44	118	114	2.682	1.035	0.386	7.5	22.83
350	40.9246	116.0555	46.0	367	TI2	0	0	0	0	91	23.3	1720	40	121	89	3.025	1.360	0.449	7.5	22.83
351	40.9243	116.0555	47.0	400	TI2	0	0	0	0	92	23.8	1817	23	143	121	6.217	1.182	0.190	7.5	22.84
352	40.9239	116.0555	47.6	449	TI2	0	0	0	0	91	24.5	1950	42	119	75	2.833	1.587	0.560	7.5	22.84
353	40.9236	116.0555	44.9	474	TI2	0	0	0	0	88	24.8	2003	27	167	177	6.185	0.944	0.153	7.5	22.84
354	40.9233	116.0555	39.0	406	TI2	0	0	0	0	94	23.9	1810	28	131	152	4.679	0.862	0.184	7.5	22.85
355	40.9229	116.0555	33.5	351	TI2	0	0	0	0	81	23.1	1765	28	172	76	6.143	2.263	0.368	7.6	22.86
356	40.9226	116.0555	26.1	335	TI2	0	0	0	0	91	22.9	1630	17	189	72	11.118	2.625	0.236	7.7	22.86
357	40.9223	116.0555	17.1	348	TI2	0	0	0	0	98	23.1	1737	36	167	54	4.639	3.093	0.667	7.7	22.86
358	40.9219	116.0555	8.5	369	TI2	0	0	0	0	79	23.4	1834	37	164	92	4.432	1.783	0.402	7.8	22.87
359	40.9216	116.0556	-0.6	400	TI2	0	0	0	0	86	23.8	1984	41	170	130	4.146	1.308	0.315	7.8	22.87
360	40.9213	116.0556	-21.3	408	TI2	0	0	0	0	85	23.9	2123	48	208	114	4.333	1.825	0.421	7.9	22.88
361	40.9209	116.0556	-33.0	399	TI2	0	0	0	0	88	23.8	2271	46	287	98	6.239	2.929	0.469	7.9	22.88
362	40.9206	116.0556	-43.9	417	TI2	0	0	0	0	89	24.0	2151	35	195	128	5.571	1.523	0.273	8.0	22.89
363	40.9203	116.0556	-53.4	433	TI2	0	0	0	0	94	24.3	2280	32	295	118	9.219	2.500	0.271	8.0	22.89
364	40.9199	116.0556	-61.7	435	TI2	0	0	0	0	73	20.9	2151	43	243	113	5.651	2.150	0.381	8.0	22.91
365	40.9196	116.0556	-72.8	432	TI2	0	0	0	0	86	20.9	2136	28	220	156	7.857	1.410	0.179	8.1	22.92
366	40.9192	116.0556	-82.4	429	TI2	0	0	0	0	79	20.8	2076	34	239	106	7.029	2.255	0.321	8.1	22.93
367	40.9189	116.0556	-91.4	434	TI2	0	0	0	0	82	20.9	2001	41	169	135	4.122	1.252	0.304	8.2	22.94
368	40.9186	116.0556	-101.8	453	TI2	0	0	0	0	79	21.1	2081	32	207	142	6.469	1.458	0.225	8.2	22.95
369	40.9182	116.0556	-110.9	475	TI2	0	0	0	0	83	21.4	2124	35	179	169	5.114	1.059	0.207	8.3	22.96
370	40.9179	116.0556	-118.6	491	TI2	0	0	0	0	82	21.5	2030	52	154	129	2.962	1.194	0.403	8.3	22.98
371	40.9176	116.0556	-126.9	495	TI2	0	0	0	0	81	21.6	2120	42	203	126	4.833	1.611	0.333	8.4	22.99
372	40.9172	116.0556	-143.5	493	TI2	0	0	0	0	81	21.6	2187	53	121	140	2.283	0.864	0.379	8.4	23.01
373	40.9169	116.0556	-151.3	494	TI2	0	0	0	0	80	21.6	2223	56	188	141	3.357	1.333	0.397	8.5	23.02
374	40.9166	116.0556	-158.4	494	TI2	0	0	0	0	81	21.6	2197	60	197	113	3.283	1.743	0.531	8.5	23.03
375	40.9162	116.0556	-163.1	496	TI2	0	0	0	0	88	21.6	2112	60	196	78	3.267	2.513	0.769	8.6	23.04
376	40.9159	116.0556	-171.2	500	TI2	0	0	0	0	92	21.6	2165	30	174	174	5.800	1.000	0.172	8.6	23.06
377	40.9156	116.0556	-177.5	530	TI2	0	0	0	0	71	22.0	2385	31	233	149	7.516	1.564	0.208	8.7	23.07
378	40.9152	116.0556	-181.0	546	TI2	0	0	0	0	81	22.1	2368	50	159	158	3.180	1.006	0.316	8.7	23.09
379	40.9149	116.0556	-188.8	540	TI2	0	0	0	0	90	22.1	2451	60	236	139	3.933	1.698	0.432	8.7	23.11
380	40.9146	116.0556	-193.5	550	TI2	0	0	0	0	83	22.2	2463	61	159	193	2.607	0.824	0.316	8.7	23.12
381	40.9142	116.0556	-199.3	499	TI2	0	0	0	0	80	21.6	2304	68	157	172	2.309	0.913	0.395	8.8	23.14
382	40.9139	116.0556	-204.0	489	TI2	0	0	0	0	85	21.5	2263	65	137	144	2.108	0.951	0.451	8.9	23.15
383	40.9135	116.0556	-206.2	441	TI2	0	0	0	0	92	20.7	2214	68	175	149	2.574	1.174	0.456	8.9	23.16
384	40.9132	116.0556	-206.4	393	TI2	0	0	0	0	87	20.1	2186	53	119	131	2.245	0.908	0.405	9.0	23.17
385	40.9129	116.0556	-206.4	371	TI2	0	0	0	0	86	19.8	1963	34	181	128	5.324	1.414	0.266	9.0	23.17
386	40.9125	116.0556	-205.4	382	TI2	0	0	0	0	72	20.0	1978	71	44	176	0.620	0.250	0.403	9.1	23.19
387	40.9122	116.0556	-206.1	390	TI2	0	0	0	0	77	20.1	2040	52	124	180	2.385	0.689	0.289	9.1	23.20
388	40.9119	116.0556	-211.1	400	TI2	0	0	0	0	86	20.2	2077	52	179	132	3.442	1.356	0.394	9.1	23.22
389	40.9115	116.0556	-215.8	414	TI2	0	0	0	0	97	20.3	2092	53	187	132	3.528	1.417	0.402	9.2	23.23

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
390	40.9112	116.0556	-221.4	438	TI2	0	0	0	0	80	20.6	2270	46	107	220	2.326	0.486	0.209	9.2	23.24
391	40.9109	116.0556	-227.5	463	TI2	0	0	0	0	88	20.9	2169	59	100	213	1.695	0.469	0.277	9.3	23.25
392	40.9105	116.0556	-232.1	464	TI2	0	0	0	0	88	20.9	2178	64	183	115	2.859	1.591	0.557	9.3	23.26
393	40.9102	116.0556	-232.3	452	TI2	0	0	0	0	86	20.8	2178	55	128	151	2.327	0.848	0.364	9.4	23.27
394	40.9099	116.0556	-231.8	430	TI2	0	0	0	0	76	20.5	2172	35	158	202	4.514	0.782	0.173	9.4	23.28
395	40.9095	116.0556	-229.2	418	TI2	0	0	0	0	63	20.4	2115	50	141	178	2.820	0.792	0.281	9.5	23.29
396	40.9092	116.0556	-225.9	405	TI2	0	0	0	0	78	20.2	2130	55	109	165	1.982	0.661	0.333	9.5	23.30
397	40.9089	116.0556	-223.0	399	TI2	0	0	0	0	75	20.2	2323	74	100	207	1.351	0.483	0.357	9.6	23.31
398	40.9085	116.0556	-219.3	400	TI2	0	0	0	0	80	20.2	2213	67	127	173	1.896	0.734	0.387	9.6	23.32
399	40.9082	116.0556	-217.9	400	TI2	0	0	0	0	80	20.2	2323	78	116	183	1.487	0.634	0.426	9.7	23.32
400	40.9078	116.0556	-216.2	401	TI2	0	0	0	0	86	20.2	2334	60	177	191	2.950	0.927	0.314	9.7	23.34
401	40.9075	116.0556	-217.5	406	TI2	0	0	0	0	77	20.2	2463	70	160	205	2.286	0.780	0.341	9.8	23.35
402	40.9072	116.0556	-218.4	420	TI2	0	0	0	0	83	24.1	2515	58	158	291	2.724	0.543	0.199	9.9	23.36
403	40.9068	116.0556	-220.1	434	TI2	0	0	0	0	85	24.3	2408	57	176	202	3.088	0.871	0.282	9.9	23.38
404	40.9065	116.0556	-224.3	448	TI2	0	0	0	0	79	24.5	2467	79	157	206	1.987	0.762	0.383	9.9	23.39
405	40.9062	116.0556	-228.9	447	TI2	0	0	0	0	73	24.5	2446	85	134	185	1.576	0.724	0.459	9.9	23.40
406	40.9058	116.0557	-233.4	425	TI2	0	0	0	0	82	24.2	2474	73	90	252	1.233	0.357	0.290	10.0	23.40
407	40.9055	116.0557	-236.8	413	TI2	0	0	0	0	72	24.1	2437	86	91	241	1.058	0.378	0.357	10.0	23.41
408	40.9052	116.0557	-236.9	416	TI2	0	0	0	0	82	24.1	2458	70	134	196	1.914	0.684	0.357	10.0	23.41
409	40.9048	116.0557	-236.0	434	TI2	0	0	0	0	74	24.3	2392	68	140	215	2.059	0.651	0.316	10.0	23.41
410	40.9045	116.0557	-237.0	448	WF	0	0	0	0	73	24.5	2420	61	191	200	3.131	0.955	0.305	10.0	23.42
411	40.9042	116.0557	-237.7	462	WF	0	0	0	0	81	24.7	2406	65	223	137	3.431	1.628	0.474	10.0	23.42
412	40.9038	116.0557	-239.2	473	WF	0	0	0	0	78	24.9	2377	71	150	199	2.113	0.754	0.357	10.0	23.43
413	40.9035	116.0557	-238.6	485	WF	0	0	0	0	81	25.0	2543	72	137	254	1.903	0.539	0.283	10.0	23.43
414	40.9032	116.0557	-241.4	494	WF	0	0	0	0	69	25.1	2435	69	138	185	2.000	0.746	0.373	10.0	23.44
415	40.9028	116.0557	-242.9	496	WF	0	0	0	0	77	25.2	2498	83	81	258	0.976	0.314	0.322	10.0	23.44
416	40.9025	116.0557	-245.0	496	WF	0	0	0	0	86	25.2	2394	53	123	215	2.321	0.572	0.247	10.0	23.45
417	40.9021	116.0557	-247.3	498	WF	0	0	0	0	75	25.2	2450	59	142	192	2.407	0.740	0.307	10.1	23.46
418	40.9018	116.0557	-250.4	497	WF	0	0	0	0	73	25.2	2379	64	143	206	2.234	0.694	0.311	10.1	23.46
419	40.9015	116.0557	-251.7	495	WF	0	0	0	0	87	25.1	2372	61	129	228	2.115	0.566	0.268	10.1	23.47
420	40.9011	116.0557	-252.0	498	TI2	0	0	0	0	81	25.2	2402	74	124	203	1.676	0.611	0.365	10.1	23.48
421	40.9008	116.0557	-250.7	514	TI2	0	0	0	0	76	24.1	2344	62	114	193	1.839	0.591	0.321	10.1	23.48
422	40.9005	116.0557	-248.7	524	TI2	0	0	0	0	71	24.2	2446	60	151	193	2.517	0.782	0.311	10.2	23.49
423	40.9001	116.0557	-245.3	522	TI2	0	0	0	0	76	24.2	2445	72	122	176	1.694	0.693	0.409	10.2	23.50
424	40.8998	116.0557	-242.9	516	TI2	0	0	0	0	76	24.1	2310	82	119	140	1.451	0.850	0.586	10.2	23.50
425	40.8995	116.0557	-239.5	512	TI2	0	0	0	0	81	24.1	2274	58	177	141	3.052	1.255	0.411	10.2	23.50
426	40.8991	116.0557	-238.0	544	TI2	0	0	0	0	78	24.5	2365	52	106	214	2.038	0.495	0.243	10.3	23.50
427	40.8988	116.0557	-237.3	499	TI2	0	0	0	0	72	23.9	2158	53	178	161	3.358	1.106	0.329	10.2	23.51
428	40.8985	116.0557	-239.3	496	TI2	0	0	0	0	81	23.9	2152	56	99	210	1.768	0.471	0.267	10.3	23.52
429	40.8981	116.0557	-239.9	496	TI2	0	0	0	0	83	23.9	2203	79	130	145	1.857	0.897	0.483	10.3	23.53
430	40.8978	116.0557	-244.5	497	WF	0	0	0	0	75	23.9	2414	62	148	214	2.387	0.692	0.290	10.3	23.54
431	40.8974	116.0557	-246.9	487	WF	0	0	0	0	72	23.8	2316	54	214	167	3.963	1.281	0.323	10.3	23.55
432	40.8971	116.0557	-248.4	462	WF	0	0	0	0	79	23.5	2408	65	96	247	1.477	0.389	0.263	10.4	23.56
433	40.8968	116.0557	-249.2	458	WF	0	0	0	0	77	23.4	2363	56	150	193	2.679	0.777	0.290	10.3	23.56
434	40.8964	116.0557	-246.4	485	WF	0	0	0	0	74	23.8	2514	61	156	218	2.557	0.716	0.280	10.4	23.57
435	40.8961	116.0557	-244.6	497	WF	0	0	0	0	81	23.9	2574	88	96	238	1.091	0.403	0.370	10.4	23.58
436	40.8958	116.0557	-242.4	498	WF	0	0	0	0	97	23.9	2542	96	118	210	1.229	0.562	0.457	10.4	23.58
437	40.8954	116.0557	-241.0	496	WF	0	0	0	0	68	23.9	2606	70	160	241	2.286	0.664	0.290	10.4	23.58
438	40.8951	116.0557	-238.1	488	WF	0	0	0	0	79	23.8	2610	81	75	281	0.926	0.267	0.288	10.4	23.59
439	40.8948	116.0557	-234.5	485	WF	0	0	0	0	75	23.8	2652	73	93	291	1.274	0.320	0.251	10.4	23.59
440	40.8944	116.0557	-232.4	493	WF	0	0	0	0	76	25.1	2628	73	139	222	1.904	0.626	0.329	10.5	23.60
441	40.8941	116.0557	-231.8	494	WF	0	0	0	0	88	25.1	2644	66	117	289	1.773	0.405	0.228	10.5	23.61
442	40.8938	116.0557	-233.1	496	WF	0	0	0	0	84	25.1	2717	73	133	268	1.822	0.496	0.272	10.5	23.61
443	40.8934	116.0557	-234.6	497	WF	0	0	0	0	77	25.1	2703	68	214	214	3.147	1.000	0.318	10.5	23.62

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
444	40.8931	116.0557	-235.2	495	TS3	0	0	0	0	66	25.1	2702	77	173	245	2.247	0.706	0.314	10.5	23.62
445	40.8928	116.0557	-233.6	487	TS3	0	0	0	0	76	25.0	2639	84	119	249	1.417	0.478	0.337	10.5	23.63
446	40.8924	116.0557	-230.7	459	TS3	0	0	0	0	81	24.6	2525	78	147	219	1.885	0.671	0.356	10.5	23.62
447	40.8921	116.0557	-225.9	433	TS3	0	0	0	0	89	24.3	2595	72	109	198	1.514	0.551	0.364	10.5	23.63
448	40.8917	116.0557	-218.5	410	TS3	0	0	0	0	75	23.9	2635	55	182	195	3.309	0.933	0.282	10.5	23.63
449	40.8914	116.0557	-212.1	401	TS3	0	0	0	0	78	23.8	2495	53	166	189	3.132	0.878	0.280	10.5	23.63
450	40.8911	116.0557	-206.4	398	TS3	0	0	0	0	82	23.8	2478	53	115	243	2.170	0.473	0.218	10.5	23.63
451	40.8907	116.0557	-201.3	390	TS3	0	0	0	0	74	23.7	2483	57	168	210	2.947	0.800	0.271	10.4	23.63
452	40.8904	116.0557	-197.2	379	TS3	0	0	0	0	65	23.5	2432	61	183	220	3.000	0.832	0.277	10.4	23.64
453	40.8901	116.0558	-193.2	362	TS3	0	0	0	0	91	23.3	2652	52	184	193	3.538	0.953	0.269	10.4	23.64
454	40.8897	116.0558	-183.9	346	TS3	0	0	0	0	83	23.0	2409	76	148	183	1.947	0.809	0.415	10.4	23.64
455	40.8894	116.0558	-180.6	325	TS3	0	0	0	0	73	22.7	2189	59	171	135	2.898	1.267	0.437	10.5	23.64
456	40.8891	116.0558	-177.7	324	TS3	0	0	0	0	78	22.7	2158	66	117	153	1.773	0.765	0.431	10.5	23.64
457	40.8887	116.0558	-177.9	342	TS3	0	0	0	0	76	23.0	2364	58	192	147	3.310	1.306	0.395	10.5	23.64
458	40.8884	116.0558	-179.4	378	TS3	0	0	0	0	84	23.5	2409	59	136	218	2.305	0.624	0.271	10.5	23.64
459	40.8881	116.0558	-181.8	424	TS3	0	0	0	0	79	27.1	2433	54	173	205	3.204	0.844	0.263	10.5	23.64
460	40.8877	116.0558	-184.0	477	TS3	0	0	0	0	75	27.9	2705	76	145	228	1.908	0.636	0.333	10.5	23.65
461	40.8874	116.0558	-186.4	498	TS3	0	0	0	0	75	28.2	2656	85	124	237	1.459	0.523	0.359	10.5	23.65
462	40.8871	116.0558	-191.4	508	TS3	0	0	0	0	79	28.4	2593	80	158	169	1.975	0.935	0.473	10.5	23.65
463	40.8867	116.0558	-197.0	501	TS3	0	0	0	0	82	28.3	2618	54	154	190	2.852	0.811	0.284	10.5	23.65
464	40.8864	116.0558	-199.6	493	TS3	0	0	0	0	77	28.2	2585	55	127	245	2.309	0.518	0.224	10.5	23.66
465	40.8860	116.0558	-201.1	471	TS3	0	0	0	0	85	27.8	2875	70	153	208	2.186	0.736	0.337	10.5	23.67
466	40.8857	116.0558	-199.9	447	TS3	0	0	0	0	76	27.5	2294	71	93	205	1.310	0.454	0.346	10.5	23.67
467	40.8854	116.0558	-198.3	433	TS3	0	0	0	0	68	27.3	2391	65	133	168	2.046	0.792	0.387	10.6	23.67
468	40.8850	116.0558	-196.3	416	TS3	0	0	0	0	65	27.0	2370	81	141	172	1.741	0.820	0.471	10.6	23.67
469	40.8847	116.0558	-196.9	409	TS3	0	0	0	0	82	26.9	2306	47	242	149	5.149	1.624	0.315	10.6	23.68
470	40.8844	116.0558	-196.9	419	TS3	0	0	0	0	74	27.1	2370	81	90	210	1.111	0.429	0.386	10.6	23.68
471	40.8840	116.0558	-200.4	398	TS3	0	0	0	0	77	26.7	2335	70	117	184	1.671	0.636	0.380	10.6	23.68
472	40.8837	116.0558	-200.4	374	TS3	0	0	0	0	75	26.3	2233	63	109	190	1.730	0.574	0.332	10.6	23.69
473	40.8834	116.0558	-199.1	357	TS3	0	0	0	0	80	26.1	2325	48	92	190	1.917	0.484	0.253	10.5	23.69
474	40.8830	116.0558	-198.8	340	TS3	0	0	0	0	77	25.8	2287	58	147	130	2.534	1.131	0.446	10.5	23.69
475	40.8827	116.0558	-198.6	317	TS3	0	0	0	0	74	25.4	2227	47	123	163	2.617	0.755	0.288	10.5	23.69
476	40.8824	116.0558	-195.9	317	TS3	0	0	0	0	69	25.4	2151	55	118	181	2.145	0.652	0.304	10.6	23.69
477	40.8820	116.0558	-198.1	338	TS3	0	0	0	0	81	25.8	2184	65	136	179	2.092	0.760	0.363	10.6	23.70
478	40.8817	116.0558	-201.2	354	TS3	0	0	0	0	72	32.4	2502	66	167	161	2.530	1.037	0.410	10.6	23.70
479	40.8813	116.0558	-201.5	334	TS3	0	0	0	0	69	32.0	2226	39	170	183	4.359	0.929	0.213	10.6	23.71
480	40.8810	116.0558	-202.6	303	TS3	0	0	0	0	75	31.3	2143	51	158	132	3.098	1.197	0.386	10.6	23.71
481	40.8807	116.0558	-202.7	296	TS3	0	0	0	0	75	31.2	1989	57	60	204	1.053	0.294	0.279	10.6	23.71
482	40.8803	116.0558	-202.7	300	TS3	0	0	0	0	77	31.3	2027	50	159	150	3.180	1.060	0.333	10.6	23.71
483	40.8800	116.0558	-202.8	304	TS3	0	0	0	0	74	31.4	2156	60	185	152	3.083	1.217	0.395	10.6	23.71
484	40.8797	116.0558	-201.3	310	TS3	0	0	0	0	78	31.5	2166	71	160	147	2.254	1.088	0.483	10.7	23.71
485	40.8793	116.0558	-204.5	321	TS3	0	0	0	0	86	31.7	2098	62	173	159	2.790	1.088	0.390	10.7	23.71
486	40.8790	116.0558	-204.7	337	TS3	0	0	0	0	83	32.1	2155	50	123	215	2.460	0.572	0.233	10.7	23.71
487	40.8787	116.0558	-204.7	344	TS3	0	0	0	0	71	32.2	2170	61	165	189	2.705	0.873	0.323	10.6	23.71
488	40.8783	116.0558	-205.2	327	TS3	0	0	0	0	78	31.8	2136	66	160	153	2.424	1.046	0.431	10.7	23.72
489	40.8780	116.0558	-203.8	316	TS3	0	0	0	0	71	31.6	2140	64	102	159	1.594	0.642	0.403	10.7	23.72
490	40.8777	116.0558	-204.9	321	TS3	0	0	0	0	74	31.7	2149	46	167	152	3.630	1.099	0.303	10.7	23.73
491	40.8773	116.0558	-205.1	330	TS3	0	0	0	0	73	31.9	2231	49	207	147	4.224	1.408	0.333	10.7	23.73
492	40.8770	116.0558	-203.7	323	TS3	0	0	0	0	78	31.8	2286	66	106	172	1.606	0.616	0.384	10.7	23.74
493	40.8767	116.0558	-205.7	311	TS3	0	0	0	0	75	31.5	2196	65	166	113	2.554	1.469	0.575	10.7	23.74
494	40.8763	116.0558	-205.2	310	TS3	0	0	0	0	77	31.5	2224	66	191	134	2.894	1.425	0.493	10.7	23.75
495	40.8760	116.0558	-203.1	309	TS3	0	0	0	0	71	31.5	2136	72	111	190	1.542	0.584	0.379	10.8	23.75
496	40.8756	116.0558	-198.8	293	TS3	0	0	0	0	74	31.1	2142	55	203	142	3.691	1.430	0.387	10.8	23.76
497	40.8753	116.0558	-198.5	300	TS3	0	0	0	0	72	35.4	2150	49	176	179	3.592	0.983	0.274	10.7	23.76

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
498	40.8750	116.0558	-198.5	367	TS3	0	0	0	0	72	37.0	2349	71	96	203	1.352	0.473	0.350	10.7	23.77
499	40.8746	116.0559	-200.4	425	TS3	0	0	0	0	71	38.3	2443	64	167	205	2.609	0.815	0.312	10.8	23.77
500	40.8743	116.0559	-203.7	457	TS3	0	0	0	0	71	39.0	2618	68	197	174	2.897	1.132	0.391	10.8	23.78
501	40.8740	116.0559	-204.2	460	TS3	0	0	0	0	79	39.1	2476	56	183	186	3.268	0.984	0.301	10.8	23.78
502	40.8736	116.0559	-209.4	478	TS3	0	0	0	0	68	39.4	2495	73	209	160	2.863	1.306	0.456	10.9	23.79
503	40.8733	116.0559	-212.1	491	TS3	0	0	0	0	70	39.7	2595	70	202	193	2.886	1.047	0.363	11.0	23.79
504	40.8730	116.0559	-212.9	493	TS3	0	0	0	0	77	39.7	2552	71	111	211	1.563	0.526	0.336	10.9	23.80
505	40.8726	116.0559	-215.2	495	TS3	0	0	0	0	74	39.8	2526	78	201	126	2.577	1.595	0.619	11.0	23.82
506	40.8723	116.0559	-215.0	496	TS3	0	0	0	0	76	39.8	2422	60	178	168	2.967	1.060	0.357	10.9	23.82
507	40.8720	116.0559	-216.8	498	TS3	0	0	0	0	69	39.8	2540	76	167	185	2.197	0.903	0.411	10.9	23.82
508	40.8716	116.0559	-214.6	498	TS3	0	0	0	0	76	39.8	2493	94	126	188	1.340	0.670	0.500	10.9	23.83
509	40.8713	116.0559	-216.0	497	TS3	0	0	0	0	85	39.8	2485	62	197	139	3.177	1.417	0.446	11.0	23.84
510	40.8710	116.0559	-215.5	498	TS3	0	0	0	0	69	39.8	2489	77	134	219	1.740	0.612	0.352	11.0	23.85
512	40.8703	116.0559	-216.7	495	TS3	0	0	0	0	77	39.8	2560	78	129	212	1.654	0.608	0.368	11.1	23.88
513	40.8699	116.0559	-215.8	483	TS3	0	0	0	0	72	39.5	2465	80	90	227	1.125	0.396	0.352	11.1	23.89
514	40.8696	116.0559	-216.5	473	TS3	0	0	0	0	73	39.3	2656	85	164	184	1.929	0.891	0.462	11.0	23.91
515	40.8693	116.0559	-218.3	479	TS3	0	0	0	0	70	39.5	2570	67	203	158	3.030	1.285	0.424	11.1	23.92
516	40.8689	116.0559	-219.5	485	TS3	0	0	0	0	61	39.6	2595	104	137	219	1.317	0.626	0.475	11.1	23.93
517	40.8686	116.0559	-222.1	491	TS3	0	0	0	0	70	34.5	2656	65	180	212	2.769	0.849	0.307	11.1	23.94
518	40.8683	116.0559	-223.9	489	TS3	0	0	0	0	68	34.5	2701	[illegible]	185	190	2.403	0.974	0.405	11.1	23.95
519	40.8679	116.0559	-225.6	478	TS3	0	0	0	0	75	34.3	2598	[illegible]	233	154	3.585	1.513	0.422	11.1	23.97
520	40.8676	116.0559	-228.0	463	TS3	0	0	0	0	69	34.0	2397	[illegible]	98	214	1.181	0.458	0.388	11.2	23.97
521	40.8673	116.0559	-229.0	439	TS3	0	0	0	0	70	33.6	2334	65	140	205	2.154	0.683	0.317	11.2	23.98
522	40.8669	116.0559	-230.2	425	TS3	0	0	0	0	73	33.3	2367	82	138	175	1.683	0.789	0.469	11.2	23.99
523	40.8666	116.0559	-230.4	411	TS3	0	0	0	0	60	33.0	2314	57	196	185	3.439	1.059	0.308	11.2	23.99
524	40.8663	116.0559	-233.3	402	TS3	0	0	0	0	77	32.9	2344	70	145	185	2.071	0.784	0.378	11.3	23.99
525	40.8659	116.0559	-234.0	386	TS3	0	0	0	0	76	32.5	2370	73	71	237	0.973	0.300	0.308	11.3	24.00
526	40.8656	116.0559	-233.1	375	TS3	0	0	0	0	66	32.3	2314	68	155	198	2.279	0.783	0.343	11.2	24.00
527	40.8653	116.0559	-232.4	357	TS3	0	0	0	0	70	32.0	2360	52	150	216	2.885	0.694	0.241	11.3	24.00
528	40.8649	116.0559	-233.5	347	TS3	0	0	0	0	71	31.8	2240	87	41	221	0.471	0.186	0.394	11.2	24.00
529	40.8646	116.0559	-231.7	337	TS3	0	0	0	0	73	31.6	2287	66	134	182	2.030	0.736	0.363	11.2	24.00
530	40.8642	116.0559	-230.8	329	TS3	0	0	0	0	68	31.4	2237	83	106	195	1.277	0.544	0.426	11.2	24.00
531	40.8639	116.0559	-230.4	322	TS3	0	0	0	0	80	31.3	2253	57	156	178	2.737	0.876	0.320	11.2	24.00
532	40.8636	116.0559	-230.1	315	TS3	0	0	0	0	69	31.1	2221	76	137	188	1.803	0.729	0.404	11.3	24.01
533	40.8632	116.0559	-227.8	299	TS3	0	0	0	0	61	30.8	2189	70	140	158	2.000	0.886	0.443	11.2	24.01
534	40.8629	116.0559	-224.6	297	TS3	0	0	0	0	68	30.7	2199	69	93	208	1.348	0.447	0.332	11.3	24.01
535	40.8626	116.0559	-224.5	313	TS3	0	0	0	0	74	31.1	2255	67	152	184	2.269	0.826	0.364	11.3	24.01
536	40.8622	116.0559	-225.1	311	TS3	0	0	0	0	71	28.2	2272	76	112	206	1.474	0.544	0.369	11.3	24.00
537	40.8619	116.0559	-223.7	308	TS3	0	0	0	0	69	28.2	2209	77	93	205	1.208	0.454	0.376	11.3	24.01
538	40.8616	116.0559	-225.9	321	TS3	0	0	0	0	69	28.4	2264	71	109	220	1.535	0.495	0.323	11.3	24.00
539	40.8612	116.0559	-229.2	328	TS3	0	0	0	0	64	28.6	2352	73	153	193	2.096	0.793	0.378	11.3	24.00
540	40.8609	116.0559	-231.9	313	TS3	0	0	0	0	68	28.3	2248	54	158	185	2.926	0.854	0.292	11.3	24.01
541	40.8606	116.0559	-231.1	297	TS3	0	0	0	0	75	28.0	2257	69	142	166	2.058	0.845	0.411	11.3	24.01
542	40.8602	116.0559	-229.6	281	TS3	0	0	0	0	74	27.7	2145	68	61	221	0.897	0.276	0.308	11.3	24.01
543	40.8599	116.0559	-224.9	280	TS3	0	0	0	0	77	27.6	2130	62	114	200	1.839	0.570	0.310	11.3	24.00
544	40.8595	116.0559	-224.4	285	TS3	0	0	0	0	76	27.7	2155	67	151	165	2.254	0.915	0.406	11.3	24.01
545	40.8592	116.0559	-223.1	275	TS3	0	0	0	0	73	27.5	2065	65	137	186	2.108	0.737	0.349	11.3	24.00
546	40.8589	116.0560	-221.1	301	TS3	0	0	0	0	67	28.0	2180	67	103	213	1.537	0.484	0.315	11.4	24.01
547	40.8585	116.0560	-222.4	341	TS3	0	0	0	0	74	28.8	2264	56	141	212	2.518	0.665	0.264	11.4	24.01
548	40.8582	116.0560	-230.0	360	TS3	0	0	0	0	80	29.2	2284	46	171	228	3.717	0.750	0.202	11.5	24.01
549	40.8579	116.0560	-234.5	370	TS3	0	0	0	0	71	29.3	2369	71	241	149	3.394	1.617	0.477	11.5	24.01
550	40.8575	116.0560	-235.4	363	TS3	0	0	0	0	75	29.2	2344	64	150	210	2.344	0.714	0.305	11.5	24.02
551	40.8572	116.0560	-235.5	365	TS3	0	0	0	0	64	29.3	2348	78	106	191	1.359	0.555	0.408	11.6	24.03
552	40.8569	116.0560	-236.2	369	TS3	0	0	0	0	73	29.3	2397	72	131	172	1.819	0.762	0.419	11.5	24.03

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
553	40.8565	116.0560	-237.1	363	TS3	0	0	0	0	73	29.2	2256	65	90	251	1.385	0.359	0.259	11.6	24.04
554	40.8562	116.0560	-235.8	377	TS3	0	0	0	0	82	29.5	2412	55	145	213	2.636	0.681	0.258	11.6	24.04
555	40.8559	116.0560	-237.8	382	TS3	0	0	0	0	66	33.3	2219	52	199	172	3.827	1.157	0.302	11.5	24.04
556	40.8555	116.0560	-239.1	386	TS3	0	0	0	0	73	33.4	2287	55	215	189	3.909	1.138	0.291	11.5	24.04
557	40.8552	116.0560	-240.5	381	TS3	0	0	0	0	76	33.3	2274	67	118	194	1.761	0.608	0.345	11.6	24.05
558	40.8549	116.0560	-240.9	365	TS3	0	0	0	0	73	33.0	2301	72	109	223	1.514	0.489	0.323	11.6	24.05
559	40.8545	116.0560	-242.7	368	TS3	0	0	0	0	70	33.1	2319	60	188	156	3.133	1.205	0.385	11.7	24.06
560	40.8542	116.0560	-244.5	374	TS3	0	0	0	0	69	33.2	2307	53	106	208	2.000	0.510	0.255	11.7	24.06
561	40.8538	116.0560	-246.7	384	TS3	0	0	0	0	72	33.4	2340	56	169	180	3.018	0.939	0.311	11.7	24.06
562	40.8535	116.0560	-248.8	392	TS3	0	0	0	0	57	33.6	2455	66	124	211	1.879	0.588	0.313	11.7	24.07
563	40.8532	116.0560	-250.3	391	TS3	0	0	0	0	68	33.5	2341	54	196	187	3.630	1.048	0.289	11.7	24.07
564	40.8528	116.0560	-250.7	385	TS3	0	0	0	0	64	33.4	2203	63	122	211	1.937	0.578	0.299	11.7	24.07
565	40.8525	116.0560	-250.1	370	TS3	0	0	0	0	75	33.1	2423	78	99	217	1.269	0.456	0.359	11.7	24.08
566	40.8522	116.0560	-249.8	356	TS3	0	0	0	0	68	32.8	2210	47	167	178	3.553	0.938	0.264	11.7	24.08
567	40.8518	116.0560	-249.3	365	TS3	0	0	0	0	69	33.0	2267	66	135	204	2.045	0.662	0.324	11.8	24.08
568	40.8515	116.0560	-251.8	372	TS3	0	0	0	0	69	33.1	2264	66	132	191	2.000	0.691	0.346	11.8	24.08
569	40.8512	116.0560	-248.9	369	TS3	0	0	0	0	69	33.1	2256	66	141	217	2.136	0.650	0.304	11.8	24.09
570	40.8508	116.0560	-254.2	377	TS3	0	0	0	0	76	33.2	2220	63	120	180	1.905	0.667	0.350	11.8	24.09
571	40.8505	116.0560	-254.7	377	TS3	0	0	0	0	71	33.2	2372	74	70	262	0.946	0.267	0.282	11.8	24.09
572	40.8502	116.0560	-259.4	368	TS3	0	0	0	0	72	33.0	2195	79	81	192	1.025	0.422	0.411	11.8	24.09
573	40.8498	116.0560	-260.7	369	TS3	0	0	0	0	59	33.1	2361	61	248	162	4.066	1.531	0.377	11.8	24.10
574	40.8495	116.0560	-258.6	357	TS3	0	0	0	0	76	39.6	2268	73	104	217	1.425	0.479	0.336	11.8	24.10
575	40.8492	116.0560	-256.7	325	TS3	0	0	0	0	67	38.8	2280	60	119	197	1.983	0.604	0.305	11.9	24.10
576	40.8488	116.0560	-253.9	309	TS3	0	0	0	0	73	38.4	2109	74	84	187	1.135	0.449	0.396	11.8	24.11
577	40.8485	116.0560	-250.4	317	TS3	0	0	0	0	75	38.6	2151	65	145	162	2.231	0.895	0.401	11.9	24.10
578	40.8481	116.0560	-249.6	330	TS3	0	0	0	0	66	38.9	2140	73	188	126	2.575	1.492	0.579	11.9	24.11
580	40.8475	116.0560	-257.0	360	TS3	0	0	0	0	66	39.7	2289	54	134	232	2.481	0.578	0.233	11.9	24.11
581	40.8471	116.0560	-260.4	351	TS3	0	0	0	0	71	39.5	2260	73	168	171	2.301	0.982	0.427	11.9	24.10
582	40.8468	116.0560	-261.2	320	TS3	0	0	0	0	61	38.7	2186	60	131	222	2.183	0.590	0.270	12.0	24.10
583	40.8465	116.0560	-253.9	305	TS3	0	0	0	0	72	38.3	2170	75	112	170	1.493	0.659	0.441	12.0	24.10
584	40.8461	116.0560	-254.1	319	TS3	0	0	0	0	65	38.6	2225	67	154	167	2.299	0.922	0.401	12.0	24.10
585	40.8458	116.0560	-256.5	337	TS3	0	0	0	0	67	39.1	2304	73	138	209	1.890	0.660	0.349	12.0	24.11
586	40.8455	116.0560	-257.9	309	TS3	0	0	0	0	74	38.4	2296	49	154	189	3.143	0.815	0.259	12.0	24.11
587	40.8451	116.0560	-258.2	304	TS3	0	0	0	0	74	38.3	2298	62	192	171	3.097	1.123	0.363	12.0	24.11
588	40.8448	116.0560	-257.8	307	TS3	0	0	0	0	66	38.3	2201	71	80	225	1.127	0.356	0.316	12.0	24.11
589	40.8445	116.0560	-259.4	301	TS3	0	0	0	0	75	38.2	2244	59	182	176	3.085	1.034	0.335	12.0	24.11
590	40.8441	116.0560	-257.5	292	TS3	0	0	0	0	71	37.9	2236	65	159	155	2.446	1.026	0.419	12.0	24.11
591	40.8438	116.0560	-254.4	284	TS3	0	0	0	0	69	37.7	2220	80	95	196	1.188	0.485	0.408	12.1	24.11
592	40.8434	116.0560	-250.8	272	TS3	0	0	0	0	72	37.4	2136	56	133	214	2.375	0.621	0.262	12.1	24.10
593	40.8431	116.0561	-246.0	262	TS3	0	0	0	0	68	37.1	2186	65	116	210	1.785	0.552	0.310	12.1	24.11
594	40.8428	116.0561	-240.7	278	TS3	0	0	0	0	72	38.5	2237	69	133	201	1.928	0.662	0.343	12.1	24.10
595	40.8424	116.0561	-245.0	306	TS3	0	0	0	0	77	39.3	2367	56	167	195	2.982	0.856	0.287	12.1	24.11
596	40.8421	116.0561	-245.9	301	TS3	0	0	0	0	62	39.1	2245	62	153	214	2.468	0.715	0.290	12.1	24.10
597	40.8418	116.0561	-242.5	266	TS3	0	0	0	0	71	38.1	2270	65	154	194	2.369	0.794	0.335	12.1	24.11
598	40.8414	116.0561	-231.0	242	TS3	0	0	0	0	71	37.5	2186	64	196	158	3.063	1.241	0.405	12.1	24.11
599	40.8411	116.0561	-228.3	272	TS3	0	0	0	0	61	38.3	2317	74	130	213	1.757	0.610	0.347	12.0	24.10
600	40.8408	116.0561	-231.9	305	TS3	0	0	0	0	78	39.2	2222	67	109	216	1.627	0.505	0.310	12.0	24.10
601	40.8404	116.0561	-237.2	332	TS3	0	0	0	0	66	39.9	2242	67	132	201	1.970	0.657	0.333	12.0	24.10
602	40.8401	116.0561	-236.9	349	TS3	0	0	0	0	56	40.4	2302	70	191	151	2.729	1.265	0.464	12.0	24.09
603	40.8398	116.0561	-238.9	358	TS3	0	0	0	0	73	40.6	2272	71	112	242	1.577	0.463	0.293	12.0	24.10
604	40.8394	116.0561	-239.1	365	TS3	0	0	0	0	62	40.8	2311	59	148	220	2.508	0.673	0.268	12.1	24.10
605	40.8391	116.0561	-241.6	371	TS3	0	0	0	0	76	41.0	2319	62	162	182	2.613	0.890	0.341	12.1	24.09
606	40.8388	116.0561	-243.0	370	TS3	0	0	0	0	72	40.9	2382	66	210	133	3.182	1.579	0.496	12.1	24.09
607	40.8384	116.0561	-241.5	349	TS3	0	0	0	0	70	40.4	2204	66	80	204	1.212	0.392	0.324	12.1	24.09

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
608	40.8381	116.0561	-237.7	332	TS3	0	0	0	0	68	40.0	2189	69	208	137	3.014	1.518	0.504	12.1	24.09
610	40.8374	116.0561	-236.3	365	TS3	0	0	0	0	70	40.8	2288	82	114	197	1.390	0.579	0.416	12.1	24.08
611	40.8371	116.0561	-237.3	374	TS3	0	0	0	0	72	41.0	2371	65	164	197	2.523	0.832	0.330	12.1	24.09
612	40.8367	116.0561	-240.7	369	TS3	0	0	0	0	76	40.9	2284	65	60	237	0.923	0.253	0.274	12.1	24.08
613	40.8364	116.0561	-238.2	335	TS3	0	0	0	0	64	40.0	2161	51	161	182	3.157	0.885	0.280	12.1	24.09
614	40.8361	116.0561	-237.6	337	TS3	0	0	0	0	70	33.1	2293	49	197	176	4.020	1.119	0.278	12.0	24.09
615	40.8357	116.0561	-237.2	358	TS3	0	0	0	0	70	33.6	2305	67	166	173	2.478	0.960	0.387	12.0	24.09
616	40.8354	116.0561	-236.6	350	TS3	0	0	0	0	68	33.4	2241	49	199	177	4.061	1.124	0.277	11.9	24.09
617	40.8351	116.0561	-237.3	330	TS3	0	0	0	0	69	33.0	2137	63	125	214	1.984	0.584	0.294	11.9	24.09
618	40.8347	116.0561	-226.5	311	TS3	0	0	0	0	70	32.5	2245	47	197	197	4.191	1.000	0.239	11.9	24.09
619	40.8344	116.0561	-227.6	340	TS3	0	0	0	0	69	33.2	2294	67	202	148	3.015	1.365	0.453	12.0	24.10
620	40.8341	116.0561	-228.3	328	TS3	0	0	0	0	72	32.9	2313	74	113	188	1.527	0.601	0.394	12.0	24.10
621	40.8337	116.0561	-230.4	355	TS3	0	0	0	0	75	33.5	2197	57	274	114	4.807	2.404	0.500	12.0	24.09
622	40.8334	116.0561	-231.8	380	TS3	0	0	0	0	65	34.0	2365	76	120	218	1.579	0.550	0.349	12.0	24.09
623	40.8331	116.0561	-236.2	399	TS3	0	0	0	0	73	34.4	2407	78	120	217	1.538	0.553	0.359	11.9	24.10
624	40.8327	116.0561	-239.9	413	TS3	0	0	0	0	68	34.7	2357	64	166	212	2.594	0.783	0.302	11.9	24.10
625	40.8324	116.0561	-240.9	411	TS3	0	0	0	0	74	34.6	2347	79	55	235	0.696	0.234	0.336	11.9	24.10
626	40.8320	116.0561	-240.5	386	TS3	0	0	0	0	69	34.1	2205	62	145	203	2.339	0.714	0.305	11.9	24.10
627	40.8317	116.0561	-239.6	377	TS3	0	0	0	0	73	34.0	2235	63	140	197	2.222	0.711	0.320	11.9	24.10
628	40.8314	116.0561	-237.6	388	TS3	0	0	0	0	78	34.2	2165	58	186	132	3.207	1.409	0.439	11.9	24.10
629	40.8310	116.0561	-236.3	399	TS3	0	0	0	0	74	34.4	2279	63	154	166	2.444	0.928	0.380	11.8	24.09
630	40.8307	116.0561	-236.2	392	TS3	0	0	0	0	74	34.3	2304	74	91	205	1.230	0.444	0.361	11.8	24.09
631	40.8304	116.0561	-236.8	414	TS3	0	0	0	0	73	34.7	2367	79	98	242	1.241	0.405	0.326	11.9	24.09
632	40.8300	116.0561	-238.9	415	TS3	0	0	0	0	74	34.7	2509	71	179	202	2.521	0.886	0.351	12.0	24.09
633	40.8297	116.0561	-237.5	409	TS3	0	0	0	0	66	30.0	2558	71	131	195	1.845	0.672	0.364	12.0	24.08
634	40.8294	116.0561	-237.3	418	TS3	0	0	0	0	81	30.2	2393	49	205	175	4.184	1.171	0.280	12.0	24.09
635	40.8290	116.0561	-236.9	414	TS3	0	0	0	0	68	30.1	2510	84	124	199	1.476	0.623	0.422	12.0	24.09
636	40.8287	116.0561	-236.0	408	TS3	0	0	0	0	70	30.0	2427	73	116	210	1.589	0.552	0.348	12.0	24.10
637	40.8284	116.0561	-237.4	395	TS3	0	0	0	0	75	29.8	2605	71	148	198	2.085	0.747	0.359	12.0	24.10
638	40.8280	116.0561	-236.5	394	TS3	0	0	0	0	58	29.8	2444	55	140	227	2.545	0.617	0.242	12.0	24.10
640	40.8273	116.0562	-234.8	430	TS3	0	0	0	0	66	30.4	2439	72	175	167	2.431	1.048	0.431	12.0	24.09
641	40.8270	116.0562	-234.7	419	TS3	0	0	0	0	66	30.2	2486	61	208	121	3.410	1.719	0.504	12.0	24.09
642	40.8267	116.0562	-235.2	398	TS3	0	0	0	0	73	29.8	2481	84	74	193	0.881	0.383	0.435	12.0	24.10
643	40.8263	116.0562	-234.0	401	TS3	0	0	0	0	76	29.9	2594	64	173	173	2.703	1.000	0.370	12.0	24.10
644	40.8260	116.0562	-233.8	411	TS3	0	0	0	0	57	30.0	2417	75	209	139	2.787	1.504	0.540	12.0	24.10
645	40.8257	116.0562	-234.0	415	TS3	0	0	0	0	66	30.1	2336	72	217	145	3.014	1.497	0.497	11.9	24.11
646	40.8253	116.0562	-235.1	416	TS3	0	0	0	0	70	30.1	2525	62	205	166	3.306	1.235	0.373	11.9	24.12
648	40.8247	116.0562	-235.6	399	TS3	0	0	0	0	73	29.8	2377	64	126	160	1.969	0.788	0.400	11.9	24.13
649	40.8243	116.0562	-236.4	410	TS3	0	0	0	0	70	30.0	2320	54	171	175	3.167	0.977	0.309	11.9	24.13
650	40.8240	116.0562	-235.7	402	TS3	0	0	0	0	75	29.9	2171	67	142	166	2.119	0.855	0.404	11.9	24.13
651	40.8237	116.0562	-234.2	387	TS3	0	0	0	0	64	29.6	2233	66	138	192	2.091	0.719	0.344	11.9	24.14
652	40.8233	116.0562	-232.4	369	TS3	0	0	0	0	78	29.3	2291	70	151	142	2.157	1.063	0.493	12.0	24.14
653	40.8230	116.0562	-233.5	369	TS3	0	0	0	0	74	29.3	2211	71	151	186	2.127	0.812	0.382	12.0	24.14
654	40.8227	116.0562	-232.2	379	TS3	0	0	0	0	68	27.2	2463	58	216	143	3.724	1.510	0.406	12.0	24.15
655	40.8223	116.0562	-233.3	379	TS3	0	0	0	0	65	27.2	2418	78	97	180	1.244	0.539	0.433	12.0	24.16
656	40.8220	116.0562	-232.8	380	TS3	0	0	0	0	74	27.2	2470	58	171	126	2.948	1.357	0.460	12.0	24.16
657	40.8216	116.0562	-232.3	389	TS3	0	0	0	0	72	27.4	2372	70	87	234	1.243	0.372	0.299	12.0	24.16
658	40.8213	116.0562	-233.8	397	TS3	0	0	0	0	71	27.5	2351	56	125	220	2.232	0.568	0.255	11.9	24.16
659	40.8210	116.0562	-233.8	408	TS3	0	0	0	0	74	27.7	2379	63	151	216	2.397	0.699	0.292	12.0	24.16
660	40.8206	116.0562	-233.4	408	TS3	0	0	0	0	65	27.7	2348	70	165	167	2.357	0.988	0.419	12.0	24.15
661	40.8203	116.0562	-233.4	414	TS3	0	0	0	0	73	27.8	2236	92	101	160	1.098	0.631	0.575	12.0	24.15
662	40.8200	116.0562	-232.6	422	TS3	0	0	0	0	70	27.9	2308	51	148	219	2.902	0.676	0.233	12.0	24.16
663	40.8196	116.0562	-233.2	419	TS3	0	0	0	0	70	27.8	2301	79	103	192	1.304	0.536	0.411	12.0	24.16
664	40.8193	116.0562	-234.1	421	TS3	0	0	0	0	75	27.9	2531	67	201	155	3.000	1.297	0.432	12.0	24.17

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
665	40.8190	116.0562	-233.9	420	TS3	0	0	0	0	66	27.9	2349	72	181	167	2.514	1.084	0.431	12.1	24.16
666	40.8186	116.0562	-232.7	417	TS3	0	0	0	0	67	27.8	2392	60	167	183	2.783	0.913	0.328	12.1	24.16
667	40.8183	116.0562	-235.2	421	TS3	0	0	0	0	63	27.9	2312	74	136	208	1.838	0.654	0.356	12.1	24.16
668	40.8180	116.0562	-235.0	452	TS3	0	0	0	0	60	28.1	2313	81	62	205	0.765	0.302	0.395	12.2	24.16
669	40.8176	116.0562	-234.5	437	TS3	0	0	0	0	64	28.1	2290	53	165	217	3.113	0.760	0.244	12.2	24.16
670	40.8173	116.0562	-234.3	445	TS3	0	0	0	0	71	28.3	2324	70	134	214	1.914	0.626	0.327	12.2	24.16
671	40.8170	116.0562	-236.1	449	TS3	0	0	0	0	69	28.3	2[illegible]	79	87	212	1.101	0.410	0.373	12.2	24.16
672	40.8166	116.0562	-235.1	450	TS3	0	0	0	0	66	28.3	2428	64	129	201	2.016	0.642	0.318	12.2	24.16
673	40.8163	116.0562	-234.5	446	TS3	0	0	0	0	66	29.4	2376	80	159	150	1.987	1.060	0.533	12.2	24.17
674	40.8159	116.0562	-234.8	444	TS3	0	0	0	0	67	29.4	2340	72	127	194	1.764	0.655	0.371	12.2	24.17
675	40.8156	116.0562	-234.6	445	TS3	0	0	0	0	77	29.4	2354	69	144	166	2.087	0.867	0.416	12.2	24.17
676	40.8153	116.0562	-235.7	443	TS3	0	0	0	0	63	29.4	2293	56	129	205	2.304	0.629	0.273	12.3	24.17
678	40.8146	116.0562	-234.3	443	TS3	0	0	0	0	61	29.4	2319	55	197	168	3.582	1.173	0.327	12.2	24.18
679	40.8143	116.0562	-233.9	444	TS3	0	0	0	0	70	29.4	2139	39	195	147	5.000	1.327	0.265	12.3	24.18
680	40.8139	116.0562	-234.2	445	TS3	0	0	0	0	58	29.4	2204	51	133	182	2.608	0.731	0.280	12.3	24.18
68[illegible]	40.8136	116.0562	-233.8	439	TS3	0	0	0	0	70	29.3	2282	48	119	240	2.479	0.496	0.200	12.3	24.19
68[illegible]	40.8133	116.0562	-234.7	434	TS3	0	0	0	0	76	29.2	2203	68	149	137	2.191	1.088	0.496	12.3	24.19
683	40.8129	116.0562	-234.7	435	TS3	0	0	0	0	79	29.3	2282	55	141	166	2.564	0.849	0.331	12.3	24.19
684	40.8126	116.0562	-234.5	442	TS3	0	0	0	0	67	29.4	2416	48	158	166	3.292	0.952	0.289	12.3	24.19
685	40.8123	116.0562	-234.6	462	TS3	0	0	0	0	67	29.7	2324	57	98	202	1.719	0.485	0.282	12.3	24.19
686	40.8119	116.0563	-234.9	472	TS3	0	0	0	0	77	29.9	2372	52	131	195	2.519	0.672	0.267	12.2	24.19
687	40.8116	116.0563	-234.4	480	TS3	0	0	0	0	76	30.0	2250	53	188	172	3.547	1.093	0.308	12.2	24.19
688	40.8113	116.0563	-234.2	484	TS3	0	0	0	0	58	30.0	2233	60	72	214	1.200	0.336	0.280	12.2	24.19
689	40.[illegible]	116.0563	-235.5	483	TS3	0	0	0	0	69	30.0	2314	50	121	185	2.420	0.654	0.270	12.2	24.19
690	40.[illegible]	116.0563	-234.9	477	TS3	0	0	0	0	67	29.9	2183	37	197	147	5.324	1.340	0.252	12.2	24.19
691	40.[illegible]	116.0563	-235.2	472	TS3	0	0	0	0	71	29.8	2186	69	98	163	1.420	0.601	0.423	12.2	24.20
692	40.8099	116.0563	-235.9	467	TS3	0	0	0	0	70	29.8	2161	33	121	263	3.667	0.460	0.125	12.2	24.20
693	40.8096	116.0563	-236.0	461	TS3	0	0	0	0	71	35.4	2215	47	102	210	2.170	0.486	0.224	12.2	24.21
694	40.8092	116.0563	-235.3	454	TS3	0	0	1	0	72	35.3	2106	69	8	212	0.116	0.038	0.325	12.3	24.22
695	40.8089	116.0563	-235.2	448	TS3	0	0	0	0	69	35.2	2208	60	144	166	2.400	0.867	0.361	12.3	24.22
696	40.8086	116.0563	-237.1	443	TS3	0	0	0	0	69	35.1	2361	60	95	196	1.583	0.485	0.306	12.3	24.23
697	40.8082	116.0563	-236.5	435	TS3	0	0	0	0	68	34.9	2060	56	122	164	2.179	0.744	0.341	12.3	24.23
698	40.8079	116.0563	-237.1	430	TS3	0	0	0	0	61	34.8	2110	59	154	179	2.610	0.860	0.330	12.3	24.24
699	40.8076	116.0563	-235.9	427	TS3	0	0	0	0	65	34.8	2152	63	80	225	1.270	0.356	0.280	12.4	24.24
700	40.8073	116.0563	-236.5	422	TS3	0	0	0	0	70	34.7	2092	54	103	179	1.907	0.575	0.302	12.4	24.25
701	40.8070	116.0563	-236.4	421	TS3	0	0	0	0	66	34.7	2177	57	101	223	1.772	0.453	0.256	12.4	24.25
702	40.8066	116.0563	-236.3	415	QA3	0	0	0	0	64	34.5	2120	46	186	160	4.043	1.162	0.288	12.4	24.25
703	40.8063	116.0563	-237.1	417	QA3	0	0	0	0	72	34.6	2097	47	134	157	2.851	0.854	0.299	12.4	24.25
704	40.8060	116.0563	-236.6	419	QA3	0	0	0	0	76	34.6	2317	72	85	215	1.181	0.395	0.335	12.4	24.25
705	40.8057	116.0563	-237.2	417	QA3	0	0	0	0	63	34.6	2276	82	84	164	1.024	0.512	0.500	12.3	24.25
706	40.8053	116.0563	-237.1	410	QA3	0	0	0	0	65	34.5	2364	67	118	204	1.761	0.578	0.328	12.4	24.26
708	40.8047	116.0563	-239.3	404	QA3	0	0	0	0	70	34.3	2172	46	48	247	1.043	0.194	0.186	12.3	24.27
709	40.8044	116.0563	-240.2	396	QA3	0	0	0	0	70	34.2	2163	64	147	161	2.297	0.913	0.398	12.3	24.28
710	40.8040	116.0563	-242.0	393	QA3	0	0	0	0	69	34.1	2280	62	143	190	2.306	0.753	0.326	12.3	24.28
711	40.8037	116.0563	-241.6	392	QA3	0	0	0	0	68	34.1	2374	47	133	229	2.830	0.581	0.205	12.4	24.29
712	40.8034	116.0563	-242.7	391	QA3	0	0	0	0	64	34.1	2346	67	185	160	2.761	1.156	0.419	12.4	24.29
713	40.8031	116.0563	-242.8	389	QA3	0	0	0	0	63	35.5	2318	59	86	246	1.458	0.350	0.240	12.4	24.28
714	40.8028	116.0563	-244.9	392	QA3	0	0	0	0	69	35.5	2317	68	120	201	1.765	0.597	0.338	12.4	24.28
715	40.8024	116.0563	-245.2	389	QA3	0	0	0	0	68	35.5	2251	81	100	188	1.235	0.532	0.431	12.4	24.28
716	40.8021	116.0563	-244.5	389	QA3	0	0	0	0	71	35.5	2198	60	121	185	2.017	0.654	0.324	12.4	24.29
717	40.8018	116.0563	-246.6	385	QA3	0	0	0	0	61	35.4	2271	40	207	213	5.175	0.972	0.188	12.4	24.29
718	40.8015	116.0563	-248.2	385	QA3	0	0	0	0	68	35.4	2273	56	168	182	3.000	0.923	0.308	12.4	24.29
719	40.8011	116.0564	-248.1	385	QA3	0	0	0	0	69	35.4	2171	55	118	213	2.145	0.554	0.258	12.4	24.29
720	40.8008	116.0564	-249.6	382	QA3	0	0	0	0	61	35.3	2231	47	191	146	4.064	1.308	0.322	12.4	24.29

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
721	40.8005	116.0564	-251.3	376	QA3	0	0	0	0	66	35.2	2220	76	115	183	1.513	0.628	0.415	12.4	24.30
722	40.8002	116.0564	-252.1	375	QA3	0	0	0	0	72	35.2	2332	67	102	173	1.522	0.590	0.387	12.4	24.30
723	40.7999	116.0564	-252.5	371	QA3	0	0	0	0	79	35.1	2274	53	116	219	2.189	0.530	0.242	12.5	24.30
724	40.7995	116.0564	-253.0	370	QA3	0	0	0	0	70	35.0	2125	36	137	214	3.806	0.640	0.168	12.4	24.31
725	40.7992	116.0564	-255.4	367	QA3	0	0	0	0	71	35.0	2253	65	217	143	3.338	1.517	0.455	12.4	24.31
726	40.7989	116.0564	-254.0	369	QA3	0	0	0	0	69	35.0	2281	64	92	205	1.438	0.449	0.312	12.4	24.31
727	40.7986	116.0564	-254.7	373	QA3	0	0	0	0	64	35.1	2196	38	213	171	5.605	1.246	0.222	12.5	24.30
728	40.7982	116.0564	-255.8	374	QA3	0	0	0	0	55	35.1	2247	60	125	203	2.083	0.616	0.296	12.5	24.30
729	40.7979	116.0564	-254.6	374	QA3	0	0	0	0	73	35.1	2195	46	145	193	3.152	0.751	0.238	12.5	24.30
730	40.7976	116.0564	-255.2	373	QA3	0	0	0	0	66	35.1	2190	49	94	244	1.918	0.385	0.201	12.5	24.31
731	40.7973	116.0564	-254.0	373	QA3	0	0	0	0	73	35.1	2112	63	118	172	1.873	0.686	0.366	12.5	24.31
732	40.7970	116.0564	-254.9	372	QA3	0	0	0	0	73	35.5	2196	52	161	182	3.096	0.885	0.286	12.6	24.31
733	40.7966	116.0564	-254.2	367	QA3	0	0	0	0	66	35.4	2110	58	129	176	2.224	0.733	0.330	12.6	24.31
734	40.7963	116.0564	-255.8	366	QA3	0	0	0	0	64	35.4	2208	61	111	202	1.820	0.550	0.302	12.6	24.32
735	40.7960	116.0564	-256.7	358	QA3	0	0	0	0	62	35.2	1999	48	116	202	2.417	0.574	0.238	12.6	24.32
736	40.7957	116.0564	-258.6	357	QA3	0	0	0	0	73	35.2	2187	66	102	163	1.545	0.626	0.405	12.7	24.32
738	40.7950	116.0564	-260.4	359	QA3	0	0	0	0	60	35.2	2191	49	141	183	2.878	0.770	0.268	12.7	24.32
739	40.7947	116.0564	-259.5	357	QA3	0	0	0	0	53	35.2	2104	58	127	201	2.190	0.632	0.289	12.6	24.32
740	40.7944	116.0564	-258.1	360	QA3	0	0	0	0	70	35.3	2135	60	144	155	2.400	0.929	0.387	12.6	24.32
741	40.7940	116.0564	-259.2	361	QA3	0	0	0	0	67	35.3	2084	64	173	146	2.703	1.185	0.438	12.6	24.32
742	40.7937	116.0564	-259.5	363	QA3	0	0	0	0	68	35.3	2193	64	92	181	1.438	0.508	0.354	12.6	24.32
743	40.7934	116.0564	-258.8	361	QA3	0	0	0	0	70	35.3	2129	65	76	193	1.169	0.394	0.337	12.6	24.32
744	40.7931	116.0564	-259.4	357	QA3	0	0	0	0	64	35.2	2166	58	128	171	2.207	0.749	0.339	12.6	24.33
745	40.7928	116.0565	-257.8	355	QA3	0	0	0	0	62	35.2	2201	[illegible]	102	212	1.522	0.481	0.316	12.6	24.33
746	40.7924	116.0565	-255.8	355	QA3	0	0	0	0	67	35.1	2201	[illegible]	93	200	1.691	0.465	0.275	12.6	24.33
747	40.7921	116.0565	-257.9	351	QA3	0	0	0	0	68	35.1	2076	[illegible]	129	182	2.745	0.709	0.258	12.6	24.33
748	40.7918	116.0565	-259.3	349	QA3	0	0	0	0	66	35.0	2177	57	111	221	1.947	0.502	0.258	12.6	24.33
749	40.7915	116.0565	[illegible]	346	QA3	0	0	0	0	62	34.9	2094	50	126	180	2.520	0.700	0.278	12.6	24.34
750	40.7911	116.056[illegible]	-260.7	34[illegible]	QA3	0	0	0	0	67	34.9	2029	50	136	168	2.720	0.810	0.298	12.6	24.34
751	40.7908	116.[illegible]565	-263.3	343	QA[illegible]	0	0	0	0	71	34.9	2078	59	144	175	2.441	0.823	0.337	12.6	24.34
752	40.7905	116.0565	-265.1	342	QA3	0	0	0	0	70	26.2	2155	50	111	211	2.220	0.526	0.237	12.6	24.34
753	40.7902	116.0565	-265.0	340	QA3	0	0	0	0	61	26.2	2110	56	187	177	3.339	1.056	0.316	12.6	24.34
754	40.7899	116.0565	-264.8	343	QA3	0	0	0	0	72	26.2	2088	38	165	195	4.342	0.846	0.195	12.6	24.34
755	40.7895	116.0565	-261.8	343	QA3	0	0	0	0	72	26.2	2093	38	132	225	3.474	0.587	0.169	12.6	24.34
756	40.7892	116.0565	-260.7	346	QA3	0	0	0	0	61	26.2	1986	60	134	170	2.233	0.788	0.353	12.6	24.34
757	40.7887	116.0565	-259.4	350	QA3	0	0	0	0	64	26.3	2057	53	126	181	2.377	0.696	0.293	12.7	24.34
758	40.7883	116.0565	-256.6	356	QA3	0	0	0	0	67	26.4	2092	60	52	224	0.867	0.232	0.268	12.7	24.34
759	40.7878	116.0565	-254.8	360	QA3	0	0	0	0	60	26.5	2078	68	91	194	1.338	0.469	0.351	12.7	24.34
760	40.7874	116.0565	-254.8	361	QA3	0	0	0	0	68	26.5	2086	60	88	176	1.467	0.500	0.341	12.7	24.33
761	40.7869	116.0565	-253.2	369	QA3	0	0	0	0	68	26.6	2165	62	118	194	1.903	0.608	0.320	12.7	24.33
762	40.7865	116.0565	-255.5	372	QA3	0	0	0	0	72	26.7	2220	55	117	196	2.127	0.597	0.281	12.7	24.34
763	40.7860	116.0565	-255.5	366	QA3	0	0	0	0	72	26.6	2105	56	143	146	2.554	0.979	0.384	12.6	24.34
764	40.7856	116.0565	-256.0	365	QA3	0	0	0	0	70	26.6	2180	74	75	202	1.014	0.371	0.366	12.6	24.34
765	40.7851	116.0565	-254.3	359	QA3	0	0	0	0	68	26.5	2033	49	90	201	1.837	0.448	0.244	12.6	24.34
766	40.7846	116.0565	-254.3	359	QA3	0	0	0	0	64	26.5	2071	47	150	159	3.191	0.943	0.296	12.7	24.34
768	40.7837	116.0566	-253.8	364	QA3	0	0	0	0	63	26.6	2142	52	133	189	2.558	0.704	0.275	12.7	24.34
769	40.7833	116.0566	-254.6	363	QA3	0	0	0	0	64	26.5	2166	73	91	177	1.247	0.514	0.412	12.7	24.34
770	40.7828	116.0566	-254.0	366	QA3	0	0	0	0	75	26.6	2135	86	55	174	0.640	0.316	0.494	12.7	24.34
771	40.7824	116.0566	-254.1	364	QA3	0	0	0	0	65	26.6	2197	78	32	256	0.410	0.125	0.305	12.6	24.34
772	40.7819	116.0566	-255.1	363	QA3	0	0	0	0	68	29.8	2164	63	139	178	2.206	0.781	0.354	12.6	24.34
773	40.7814	116.0566	-256.5	363	QA3	0	0	0	0	66	29.8	2238	65	146	185	2.246	0.789	0.351	12.7	24.34
774	40.7810	116.0566	-254.3	368	QA3	0	0	0	0	73	29.9	2103	62	109	196	1.758	0.556	0.316	12.6	24.33
775	40.7805	116.0566	-254.0	370	TS3	0	0	0	0	58	30.0	2184	69	128	192	1.855	0.667	0.359	12.6	24.34
776	40.7801	116.0566	-255.3	369	TS3	0	0	0	0	56	29.9	2156	61	114	195	1.869	0.585	0.313	12.6	24.33

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
777	40.7796	116.0566	-254.0	374	TS3	0	0	0	0	66	30.0	2106	68	97	203	1.426	0.478	0.335	12.6	24.33
778	40.7792	116.0566	-254.7	380	TS3	0	0	0	0	68	30.1	2183	44	164	231	3.727	0.710	0.191	12.6	24.32
779	40.7787	116.0566	-254.4	382	TS3	0	0	0	0	68	30.2	2144	65	97	193	1.492	0.503	0.337	12.6	24.33
780	40.7783	116.0566	-254.7	379	TS3	0	0	0	0	68	30.1	2248	46	116	225	2.522	0.516	0.204	12.6	24.33
781	40.7778	116.0566	-252.9	382	TS3	0	0	0	0	65	30.2	2285	68	127	199	1.868	0.638	0.342	12.6	24.33
782	40.7773	116.0566	-254.2	383	TS3	0	0	0	0	76	30.2	2092	60	142	192	2.367	0.740	0.313	12.6	24.33
783	40.7769	116.0566	-251.0	379	TS3	0	0	0	0	67	30.1	2105	52	106	206	2.038	0.515	0.252	12.6	24.33
784	40.7764	116.0566	-252.7	379	TS3	0	0	0	0	73	30.1	2267	61	112	209	1.836	0.536	0.292	12.6	24.33
785	40.7760	116.0566	-253.0	372	TS3	0	0	0	0	71	30.0	2205	51	164	173	3.216	0.948	0.295	12.5	24.33
786	40.7755	116.0567	-252.8	370	TS3	0	0	0	0	71	30.0	2218	44	195	203	4.432	0.961	0.217	12.6	24.34
787	40.7751	116.0567	-252.1	369	TS3	0	0	0	0	67	29.9	2205	51	164	160	3.216	1.025	0.319	12.6	24.33
788	40.7746	116.0567	-252.5	373	TS3	0	0	0	0	71	30.0	2168	40	171	186	4.275	0.919	0.215	12.6	24.33
789	40.7741	116.0567	-253.2	379	TS3	0	0	0	0	71	30.1	2130	43	148	196	3.442	0.755	0.219	12.5	24.33
790	40.7737	116.0567	-253.2	384	TS3	0	0	0	0	62	30.2	2130	67	161	184	2.403	0.875	0.364	12.5	24.33
791	40.7732	116.0567	-252.4	383	TS3	0	0	0	0	70	30.3	2148	51	206	169	4.039	1.219	0.302	12.6	24.33
792	40.7728	116.0567	-253.4	386	TS3	0	0	0	0	61	30.3	2092	46	143	170	3.109	0.841	0.271	12.6	24.33
793	40.7723	116.0567	-253.4	389	TS3	0	0	0	0	63	30.4	2067	56	198	153	3.536	1.294	0.366	12.6	24.33
794	40.7719	116.0567	-254.6	394	TS3	0	0	0	0	73	30.5	2066	64	144	146	2.250	0.986	0.438	12.6	24.32
795	40.7714	116.0567	-254.6	391	TS3	0	0	0	0	62	30.4	2059	52	144	173	2.769	0.832	0.301	12.7	24.32
796	40.7709	116.0567	-254.0	383	TS3	0	0	0	0	57	30.3	2151	68	141	172	2.074	0.820	0.395	12.7	24.33
797	40.7705	116.0567	-254.0	379	TS3	0	0	0	0	74	30.2	2102	66	67	216	1.015	0.310	0.306	12.7	24.33
798	40.7700	116.0567	-254.8	375	TS3	0	0	0	0	66	30.1	2417	53	159	239	3.000	0.665	0.222	12.7	24.34
799	40.7696	116.0567	-254.6	368	TS3	0	0	0	0	70	30.0	2199	51	102	243	2.000	0.420	0.210	12.6	24.34
800	40.7691	116.0567	-255.6	370	TS3	0	0	0	0	61	30.0	2169	68	102	215	1.500	0.474	0.316	12.6	24.33
801	40.7687	116.0567	-254.9	367	TS3	0	0	0	0	70	30.0	2128	48	184	150	3.833	1.227	0.320	12.6	24.33
802	40.7682	116.0567	-254.4	362	TS3	0	0	0	0	68	29.9	2131	54	125	194	2.315	0.644	0.278	12.7	24.34
803	40.7678	116.0567	-254.4	360	TS3	0	0	0	0	73	29.8	2145	75	48	214	0.640	0.224	0.350	12.7	24.34
804	40.7673	116.0567	-253.9	357	TS3	0	0	0	0	69	29.8	2073	69	94	202	1.362	0.465	0.342	12.8	24.35
805	40.7668	116.0568	-254.0	355	TS3	0	0	0	0	65	29.7	2088	63	136	187	2.159	0.727	0.337	12.8	24.35
806	40.7664	116.0568	-254.2	355	TS3	0	0	0	0	68	29.8	2116	54	166	177	3.074	0.938	0.305	12.8	24.35
807	40.7659	116.0568	-252.7	353	TS3	0	0	0	0	69	29.7	2229	56	123	219	2.196	0.562	0.256	12.9	24.35
808	40.7655	116.0568	-250.9	357	TS3	0	0	0	0	69	29.8	2290	75	147	192	1.960	0.766	0.391	12.9	24.35
809	40.7650	116.0568	-250.7	362	TS3	0	0	0	0	70	29.9	2188	51	87	246	1.706	0.354	0.207	12.9	24.35
810	40.7646	116.0568	-249.2	362	TS3	0	0	0	0	61	28.4	2387	71	161	232	2.268	0.694	0.306	12.9	24.35
811	40.7641	116.0568	-249.7	359	TS3	0	0	0	0	76	28.3	2268	47	121	229	2.574	0.528	0.205	12.9	24.35
812	40.7636	116.0568	-248.2	364	TS3	0	0	0	0	66	28.4	2377	71	103	199	1.451	0.518	0.357	12.9	24.35
813	40.7632	116.0568	-247.4	359	TS3	0	0	0	0	79	28.3	2211	85	116	217	1.365	0.535	0.392	12.9	24.35
814	40.7627	116.0568	-247.4	362	TS3	0	0	0	0	69	28.4	2164	66	125	192	1.894	0.651	0.344	13.0	24.35
815	40.7623	116.0568	-247.9	364	TS3	0	0	0	0	66	28.4	2161	64	108	176	1.688	0.614	0.364	13.0	24.35
816	40.7618	116.0568	-247.2	366	TS3	0	0	0	0	65	28.4	2310	67	104	198	1.552	0.525	0.338	13.0	24.35
817	40.7614	116.0568	-247.9	365	TS3	0	0	0	0	67	28.4	2197	58	128	187	2.207	0.684	0.310	13.0	24.35
818	40.7609	116.0568	-248.2	367	TS3	0	0	0	0	69	28.5	2195	49	142	212	2.898	0.670	0.231	13.0	24.35
819	40.7604	116.0568	-249.1	369	TS3	0	0	0	0	75	28.5	2120	68	168	149	2.471	1.128	0.456	13.0	24.34
820	40.7600	116.0568	-249.8	380	TS3	0	0	0	0	72	28.7	2200	57	94	204	1.649	0.461	0.279	13.0	24.34
821	40.7595	116.0568	-248.3	383	TS3	0	0	0	0	73	28.7	2025	55	177	146	3.218	1.212	0.377	13.0	24.33
822	40.7591	116.0568	-249.0	392	TS3	0	0	0	0	74	28.9	2167	52	149	207	2.865	0.720	0.251	13.1	24.33
823	40.7586	116.0568	-247.6	399	TS3	0	0	0	0	67	29.0	2182	48	113	212	2.354	0.533	0.226	13.1	24.32
824	40.7582	116.0569	-248.1	401	TS3	0	0	0	0	59	29.1	2085	43	176	156	4.093	1.128	0.276	13.1	24.32
825	40.7577	116.0569	-246.8	404	TS3	0	0	0	0	73	29.1	2115	42	177	209	4.214	0.847	0.201	13.1	24.32
826	40.7573	116.0569	-246.9	402	TS3	0	0	0	0	66	29.1	2123	59	117	207	1.983	0.565	0.285	13.2	24.32
827	40.7568	116.0569	-245.1	404	TS3	0	0	0	0	71	29.1	2094	48	165	169	3.438	0.976	0.284	13.2	24.32
828	40.7563	116.0569	-245.4	404	TS3	0	0	0	0	67	29.1	2124	65	71	208	1.092	0.341	0.313	13.2	24.33
829	40.7559	116.0569	-243.9	403	TS3	0	0	0	0	73	32.4	2217	62	104	246	1.677	0.423	0.252	13.3	24.33
831	40.7550	116.0569	-243.8	410	TS3	0	0	0	0	70	32.5	2315	60	196	164	3.267	1.195	0.366	13.3	24.33

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
832	40.7545	116.0569	-242.6	407	TS3	0	0	0	0	65	32.5	2184	47	170	164	3.617	1.037	0.287	13.4	24.33
833	40.7541	116.0569	-242.1	410	TS3	0	0	0	0	70	32.5	2292	61	143	181	2.344	0.790	0.337	13.4	24.32
834	40.7536	116.0569	-241.1	412	TS3	0	0	0	0	59	32.6	2346	63	164	190	2.603	0.863	0.332	13.4	24.32
835	40.7531	116.0569	-239.5	415	TS3	0	0	0	0	67	32.6	2288	64	96	243	1.500	0.395	0.263	13.4	24.32
836	40.7527	116.0569	-238.8	419	TS3	0	0	0	0	72	32.7	2244	29	181	200	6.241	0.905	0.145	13.5	24.32
837	40.7522	116.0569	-238.8	419	TS3	0	0	0	0	69	32.7	2397	59	128	214	2.169	0.598	0.276	13.5	24.32
838	40.7518	116.0569	-239.0	416	TS3	0	0	0	0	75	32.6	2334	54	126	209	2.333	0.603	0.258	13.5	24.32
839	40.7513	116.0569	-239.6	415	TS3	0	0	0	0	71	32.6	2248	59	112	230	1.898	0.487	0.257	13.5	24.32
840	40.7509	116.0569	-238.8	414	TS3	0	0	0	0	64	32.6	2142	61	124	179	2.033	0.693	0.341	13.5	24.33
841	40.7504	116.0569	-238.8	414	TS3	0	0	0	0	74	32.6	2279	45	231	173	5.133	1.335	0.260	13.5	24.33
842	40.7500	116.0569	-240.3	413	TS3	0	0	0	0	74	32.6	2286	58	125	209	2.155	0.598	0.278	13.5	24.33
843	40.7495	116.0570	-239.1	409	TS3	0	0	0	0	69	32.5	2182	55	186	208	3.382	0.894	0.264	13.5	24.33
844	40.7490	116.0570	-238.8	412	TS3	0	0	0	0	61	32.6	2321	62	143	203	2.306	0.704	0.305	13.6	24.33
845	40.7486	116.0570	-238.6	415	TS3	0	0	0	0	69	32.6	2273	44	140	216	3.182	0.648	0.204	13.6	24.33
846	40.7481	116.0570	-238.3	412	TS3	0	0	0	0	76	32.6	2339	45	177	179	3.933	0.989	0.251	13.6	24.33
847	40.7477	116.0570	-238.3	416	TS3	0	0	0	0	74	32.6	2306	44	223	149	5.068	1.497	0.295	13.6	24.33
848	40.7472	116.0570	-238.6	416	TS3	0	0	0	0	65	32.6	2352	67	108	194	1.612	0.557	0.345	13.6	24.33
849	40.7468	116.0570	-238.5	421	TS3	0	0	0	0	72	32.8	2427	57	159	213	2.789	0.746	0.268	13.7	24.33
850	40.7463	116.0570	-240.0	427	TS3	0	0	0	0	62	32.9	2598	89	68	199	0.764	0.342	0.447	13.7	24.32
851	40.7458	116.0570	-238.2	429	TS3	0	0	0	0	72	33.0	2617	29	158	236	5.448	0.669	0.123	13.7	24.32
853	40.7449	116.0570	-236.0	425	TS3	0	0	0	0	69	32.9	2578	70	110	193	1.571	0.570	0.363	13.7	24.33
854	40.7445	116.0570	-237.7	428	TS3	0	0	0	0	60	32.9	2268	52	159	183	3.058	0.869	0.284	13.7	24.33
855	40.7440	116.0570	-238.3	425	TS3	0	0	0	0	72	32.9	2333	46	136	232	2.957	0.586	0.198	13.6	24.32
856	40.7436	116.0570	-235.3	423	TS3	0	0	0	0	64	32.9	2241	67	107	168	1.597	0.637	0.399	13.5	24.33
857	40.7431	116.0570	-235.1	414	TS3	0	0	0	0	64	32.7	2270	55	140	197	2.545	0.711	0.279	13.5	24.33
858	40.7426	116.0570	-233.4	411	TS3	0	0	0	0	77	32.6	2441	53	101	235	1.906	0.430	0.226	13.5	24.34
859	40.7422	116.0570	-231.7	408	TS3	0	0	0	0	61	32.6	2328	49	174	200	3.551	0.870	0.245	13.5	24.34
860	40.7417	116.0570	-230.7	404	TS3	0	0	0	0	60	32.5	2317	63	113	245	1.794	0.461	0.257	13.5	24.34
861	40.7413	116.0571	-230.3	399	TS3	0	0	0	0	69	32.4	2138	51	106	199	2.078	0.533	0.256	13.5	24.34
862	40.7408	116.0571	-232.0	396	TS3	0	0	0	0	78	32.4	2507	65	103	188	1.585	0.548	0.346	13.5	24.35
863	40.7404	116.0571	-231.8	391	TS3	0	0	0	0	64	32.3	2180	53	57	223	1.075	0.256	0.238	13.5	24.35
864	40.7399	116.0571	-230.6	390	TS3	0	0	0	0	80	32.2	2455	68	169	145	2.485	1.166	0.469	13.5	24.36
865	40.7395	116.0571	-231.8	391	TS3	0	0	0	0	65	32.3	2162	51	130	206	2.549	0.631	0.248	13.5	24.36
866	40.7390	116.0571	-231.5	395	TS3	0	0	0	0	64	32.3	2165	70	98	162	1.400	0.605	0.432	13.5	24.36
867	40.7385	116.0571	-231.4	385	TS3	0	0	0	0	62	32.1	2024	68	122	128	1.794	0.953	0.531	13.5	24.36
868	40.7381	116.0571	-231.1	382	TS3	0	0	0	0	66	32.1	2033	39	126	176	3.231	0.716	0.222	13.5	24.36
869	40.7376	116.0571	-231.1	387	TS3	0	0	0	0	68	34.5	2162	64	39	221	0.609	0.176	0.290	13.6	24.36
870	40.7372	116.0571	-230.6	385	TS3	0	0	0	0	61	34.5	1978	47	145	149	3.085	0.973	0.315	13.5	24.37
871	40.7367	116.0571	-230.4	384	TS3	0	0	0	0	68	34.5	2142	51	105	192	2.059	0.547	0.266	13.5	24.36
872	40.7363	116.0571	-232.6	388	TS3	0	0	0	0	69	34.6	2094	74	66	158	0.892	0.418	0.468	13.5	24.36
873	40.7358	116.0571	-232.3	391	TS3	0	0	0	0	71	34.6	2136	65	92	174	1.415	0.529	0.374	13.4	24.36
874	40.7353	116.0571	-232.6	392	TS3	0	0	0	0	68	34.7	2046	53	145	159	2.736	0.912	0.333	13.4	24.36
875	40.7349	116.0571	-232.5	397	TS3	0	0	0	0	67	34.7	2160	65	81	168	1.246	0.482	0.387	13.5	24.36
876	40.7344	116.0571	-234.1	394	TS3	0	0	0	0	57	34.7	2088	63	132	160	2.095	0.825	0.394	13.4	24.36
877	40.7340	116.0571	-234.1	391	TS3	0	0	0	0	70	34.6	2286	58	135	147	2.328	0.918	0.395	13.5	24.36
878	40.7335	116.0571	-234.1	388	TS3	0	0	0	0	72	34.6	2257	60	156	148	2.600	1.054	0.405	13.5	24.36
879	40.7331	116.0571	-234.6	392	TS3	0	0	0	0	62	34.7	2108	72	113	160	1.569	0.706	0.450	13.5	24.36
880	40.7326	116.0572	-234.9	390	TS3	0	0	0	0	77	34.6	2222	65	50	196	0.769	0.255	0.332	13.5	24.36
881	40.7321	116.0572	-234.1	389	TS3	0	0	0	0	64	34.6	2367	49	146	199	2.980	0.734	0.246	13.6	24.36
882	40.7317	116.0572	-236.4	385	TS3	0	0	0	0	63	34.5	2150	65	65	219	1.000	0.297	0.297	13.5	24.36
883	40.7312	116.0572	-235.7	385	TS3	0	0	0	0	62	34.5	2315	56	168	146	3.000	1.151	0.384	13.5	24.36
884	40.7308	116.0572	-236.2	383	TS3	0	0	0	0	76	34.5	2338	68	62	204	0.912	0.304	0.333	13.4	24.36
885	40.7303	116.0572	-236.2	383	TS3	0	0	0	0	69	34.5	2258	43	137	206	3.186	0.665	0.209	13.4	24.36
886	40.7299	116.0572	-235.0	377	TS3	0	0	0	0	70	34.3	2293	72	145	161	2.014	0.901	0.447	13.4	24.37

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
887	40.7294	116.0572	-236.3	375	TS3	0	0	0	0	64	34.3	2313	55	163	148	2.964	1.101	0.372	13.4	24.37
888	40.7290	116.0572	-235.6	369	TS3	0	0	0	0	61	26.9	2166	52	217	162	4.173	1.340	0.321	13.3	24.37
889	40.7285	116.0572	-234.3	364	TS3	0	0	0	0	67	26.8	2269	53	153	185	2.887	0.827	0.286	13.4	24.37
890	40.7280	116.0572	-234.2	356	TS3	0	0	0	0	61	26.6	2122	46	161	204	3.500	0.789	0.225	13.3	24.37
891	40.7276	116.0572	-236.4	355	QA3	0	0	0	0	68	26.6	2307	49	178	188	3.633	0.947	0.261	13.4	24.37
892	40.7271	116.0572	-236.0	347	QA3	0	0	0	0	65	26.5	2151	48	199	164	4.146	1.213	0.293	13.4	24.37
893	40.7267	116.0572	-237.0	341	QA3	0	0	0	0	70	26.4	2102	56	155	162	2.768	0.957	0.346	13.4	24.37
894	40.7262	116.0572	-237.4	335	QA3	0	0	0	0	65	26.3	2181	48	198	156	4.125	1.269	0.308	13.3	24.37
895	40.7258	116.0572	-236.9	332	QA3	0	0	0	0	76	26.2	2174	34	196	159	5.765	1.233	0.214	13.3	24.37
896	40.7253	116.0572	-238.4	332	QA3	0	0	0	0	72	26.2	2266	55	179	173	3.255	1.035	0.318	13.3	24.36
897	40.7248	116.0572	-239.4	333	QA3	0	0	0	0	59	26.2	2233	60	91	225	1.517	0.404	0.267	13.2	24.36
898	40.7244	116.0572	-239.6	335	QA3	0	0	0	0	72	26.3	2261	56	233	149	4.161	1.564	0.376	13.2	24.35
899	40.7239	116.0573	-239.1	333	QA3	0	0	0	0	66	26.2	2215	60	182	152	3.033	1.197	0.395	13.2	24.35
900	40.7235	116.0573	-239.4	332	QA3	0	0	0	0	63	26.2	2200	72	102	179	1.417	0.570	0.402	13.2	24.34
901	40.7230	116.0573	-239.9	327	QA3	0	0	0	0	63	26.1	2232	63	172	186	2.730	0.925	0.339	13.1	24.34
902	40.7226	116.0573	-240.7	325	QA3	0	0	0	0	68	26.1	2181	78	143	148	1.833	0.966	0.527	13.1	24.33
903	40.7221	116.0573	-242.2	324	QA3	0	0	0	0	72	26.1	2271	62	167	175	2.694	0.954	0.354	13.1	24.33
904	40.7216	116.0573	-242.5	320	QA3	0	0	0	0	73	26.0	2195	66	156	175	2.364	0.891	0.377	13.1	24.33
905	40.7212	116.0573	-244.0	314	QA3	0	0	0	0	77	25.9	2166	56	147	196	2.625	0.750	0.286	13.2	24.33
906	40.7207	116.0573	-243.8	311	QA3	0	0	0	0	76	25.9	2109	61	181	163	2.967	1.110	0.374	13.2	24.32
907	40.7203	116.0573	-247.1	313	QA3	0	0	0	0	60	19.6	2168	75	82	224	1.093	0.366	0.335	13.3	24.32
908	40.7198	116.0573	-246.8	318	QA3	0	0	0	0	64	19.7	2161	51	223	133	4.373	1.677	0.383	13.2	24.31
909	40.7194	116.0573	-245.7	324	QA3	0	0	0	0	67	19.8	2102	61	182	164	2.984	1.110	0.372	13.2	24.30
910	40.7189	116.0573	-243.9	334	QA3	0	0	0	0	69	19.9	2151	64	157	155	2.453	1.013	0.413	13.2	24.29
911	40.7185	116.0573	-243.6	342	QA3	0	0	0	0	77	20.0	2167	51	114	204	2.235	0.559	0.250	13.2	24.29
912	40.7180	116.0573	-245.5	350	QA3	0	0	0	0	67	20.1	2125	62	154	152	2.484	1.013	0.408	13.2	24.28
913	40.7175	116.0573	-243.7	359	QA3	0	0	0	0	63	20.3	2145	69	103	159	1.493	0.648	0.434	13.2	24.27
914	40.7171	116.0573	-242.1	369	QA3	0	0	0	0	70	20.4	2160	45	188	177	4.178	1.062	0.254	13.2	24.26
915	40.7166	116.0573	-244.1	368	QA3	0	0	0	0	66	20.4	2232	56	145	183	2.589	0.792	0.306	13.2	24.25
916	40.7162	116.0573	-243.9	366	QA3	0	0	0	0	61	20.3	2035	58	169	120	2.914	1.408	0.483	13.3	24.24
917	40.7157	116.0573	-241.4	367	QA3	0	0	0	0	68	20.3	2129	39	249	95	6.385	2.621	0.411	13.3	24.23
918	40.7153	116.0574	-242.9	363	QA3	0	0	0	0	72	20.3	2224	64	120	153	1.875	0.784	0.418	13.3	24.22
919	40.7148	116.0574	-244.1	372	QA3	0	0	0	0	59	20.4	2058	55	157	143	2.855	1.098	0.385	13.2	24.21
920	40.7143	116.0574	-243.4	391	QA3	0	0	0	0	72	20.7	2162	31	196	185	6.323	1.059	0.168	13.1	24.20
921	40.7139	116.0574	-243.6	397	QA3	0	0	0	0	74	20.7	2162	50	126	206	2.520	0.612	0.243	13.2	24.19
922	40.7134	116.0574	-242.4	402	QA3	0	0	0	0	74	20.8	2144	46	172	173	3.739	0.994	0.266	13.2	24.18
923	40.7130	116.0574	-242.9	400	QA3	0	0	0	0	66	20.8	2182	46	170	150	3.696	1.133	0.307	13.2	24.17
924	40.7125	116.0574	-243.9	393	QA3	0	0	0	0	73	20.7	2269	50	189	155	3.780	1.219	0.323	13.2	24.15
925	40.7121	116.0574	-241.8	384	QA3	0	0	0	0	67	20.6	2228	46	202	169	4.391	1.195	0.272	13.2	24.15
926	40.7116	116.0574	-242.6	374	QA3	0	0	0	0	67	20.7	2203	30	279	148	9.300	1.885	0.203	13.1	24.13
927	40.7112	116.0574	-244.4	371	QA3	0	0	0	0	69	20.7	2238	53	204	168	3.849	1.214	0.315	13.1	24.13
928	40.7107	116.0574	-244.0	359	TS3	0	0	0	0	71	20.5	2041	38	152	158	4.000	0.962	0.241	13.0	24.12
929	40.7102	116.0574	-242.1	346	TS3	0	0	0	0	74	20.4	1964	42	225	144	5.357	1.563	0.292	13.0	24.10
930	40.7098	116.0574	-241.4	335	TS3	0	0	0	0	64	20.2	2076	41	141	176	3.439	0.801	0.233	13.0	24.09
931	40.7093	116.0574	-241.5	328	TS3	0	0	0	0	74	20.1	2080	33	162	194	4.909	0.835	0.170	13.0	24.09
932	40.7089	116.0574	-240.9	311	TS3	0	0	0	0	76	19.9	2080	34	244	107	7.176	2.280	0.318	12.9	24.08
933	40.7084	116.0574	-241.7	300	TS3	0	0	0	0	82	19.7	1925	45	152	159	3.378	0.956	0.283	12.9	24.07
934	40.7080	116.0574	-240.4	312	TS3	0	0	0	0	69	19.9	1946	42	250	67	5.952	3.731	0.627	12.9	24.05
935	40.7075	116.0574	-242.8	325	TS3	0	0	0	0	62	20.1	1934	44	164	168	3.727	0.976	0.262	12.9	24.05
936	40.7070	116.0574	-240.8	327	TS3	0	0	0	0	70	20.1	1977	36	219	126	6.083	1.738	0.286	12.9	24.05
937	40.7066	116.0575	-240.6	344	TS3	0	0	0	0	66	20.3	2046	54	139	164	2.574	0.848	0.329	12.9	24.04
938	40.7061	116.0575	-239.2	366	TS3	0	0	0	0	64	20.6	2078	59	156	170	2.644	0.918	0.347	12.9	24.03
939	40.7057	116.0575	-240.5	363	TS3	0	0	0	0	78	20.6	2075	59	87	189	1.475	0.460	0.312	12.8	24.03
940	40.7052	116.0575	-237.8	350	WF	0	0	0	0	61	20.4	2032	43	166	143	3.860	1.161	0.301	12.8	24.02

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
941	40.7048	116.0575	-238.0	365	WF	0	0	0	0	69	20.6	2015	40	207	109	5.175	1.899	0.367	12.8	24.02
942	40.7043	116.0575	-237.7	371	WF	0	0	0	0	72	20.7	2075	52	84	200	1.615	0.420	0.260	12.7	24.01
943	40.7038	116.0575	-238.6	347	WF	0	0	0	0	72	20.4	1999	37	194	154	5.243	1.260	0.240	12.7	24.00
944	40.7034	116.0575	-236.2	335	WF	0	0	0	0	68	20.2	1942	39	114	183	2.923	0.623	0.213	12.7	23.98
945	40.7029	116.0575	-241.3	352	WF	0	0	0	0	68	16.4	1866	48	120	177	2.500	0.678	0.271	12.6	23.97
946	40.7025	116.0575	-237.9	374	WF	0	0	0	0	68	16.6	1977	44	124	173	2.818	0.717	0.254	12.6	23.96
947	40.7020	116.0575	-239.5	395	WF	0	0	0	0	70	16.9	1922	33	168	139	5.091	1.209	0.237	12.6	23.95
948	40.7016	116.0575	-238.8	410	WF	0	0	0	0	66	17.0	2045	37	187	161	5.054	1.161	0.230	12.6	23.94
949	40.7011	116.0575	-235.7	427	WF	0	0	0	0	76	17.2	2094	54	143	125	2.648	1.144	0.432	12.7	23.94
950	40.7007	116.0575	-237.3	448	WF	0	0	0	0	74	17.4	2213	51	189	162	3.706	1.167	0.315	12.7	23.92
951	40.7002	116.0575	-236.7	460	WF	0	0	0	0	72	17.5	2182	41	212	107	5.171	1.981	0.383	12.8	23.91
952	40.6997	116.0575	-236.3	472	WF	0	0	0	0	67	17.6	2257	35	275	115	7.857	2.391	0.304	12.8	23.91
953	40.6993	116.0575	-233.3	481	WF	0	0	0	0	75	17.7	2321	42	207	185	4.929	1.119	0.227	12.8	23.90
954	40.6988	116.0575	-236.8	452	WF	0	0	0	0	74	17.4	2264	29	222	123	7.655	1.805	0.236	12.7	23.89
955	40.6984	116.0576	-237.6	437	WF	0	0	0	0	74	17.3	2218	39	226	122	5.795	1.852	0.320	12.7	23.88
956	40.6979	116.0576	-236.4	434	WF	0	0	0	0	71	17.2	2180	44	231	136	5.250	1.699	0.324	12.6	23.87
957	40.6975	116.0576	-236.3	450	WF	0	0	0	0	77	17.4	2200	38	240	131	6.316	1.832	0.290	12.6	23.86
958	40.6970	116.0576	-237.6	468	WF	0	0	0	0	65	17.6	2162	47	213	145	4.532	1.469	0.324	12.5	23.85
959	40.6965	116.0576	-237.5	486	WF	0	0	0	0	72	17.7	2102	51	162	160	3.176	1.013	0.319	12.5	23.84
960	40.6961	116.0576	-237.4	491	WF	0	0	0	0	75	17.8	2174	67	173	138	2.582	1.254	0.486	12.6	23.84
961	40.6956	116.0576	-236.2	490	WF	0	0	0	0	80	17.8	2305	49	185	184	3.776	1.005	0.266	12.6	23.84
962	40.6952	116.0576	-237.0	490	WF	0	0	0	0	66	17.8	2262	47	148	197	3.149	0.751	0.239	12.5	23.84
963	40.6947	116.0576	-236.5	481	WF	0	0	0	0	77	17.7	2206	58	177	142	3.052	1.246	0.408	12.5	23.83
964	40.6943	116.0576	-237.1	472	WF	0	0	0	0	83	19.7	2218	47	187	176	3.979	1.063	0.267	12.4	23.83
965	40.6938	116.0576	-235.7	461	WF	0	0	0	0	78	19.6	2169	40	206	166	5.150	1.241	0.241	12.4	23.83
966	40.6933	116.0576	-235.2	457	WF	0	0	0	0	69	19.6	2213	48	171	152	3.563	1.125	0.316	12.4	23.82
967	40.6929	116.0576	-234.8	421	WF	0	0	0	0	79	19.2	2146	46	139	169	3.022	0.822	0.272	12.4	23.82
968	40.6924	116.0576	-235.1	386	WF	0	0	0	0	75	18.8	2088	53	130	159	2.453	0.818	0.333	12.3	23.82
969	40.6920	116.0576	-235.7	374	WF	0	0	0	0	63	18.7	1973	43	169	152	3.930	1.112	0.283	12.3	23.81
970	40.6915	116.0576	-235.6	352	WF	0	0	0	0	74	18.4	1978	39	194	148	4.974	1.311	0.264	12.3	23.81
971	40.6911	116.0576	-235.3	326	WF	0	0	0	0	68	18.1	2030	54	89	189	1.648	0.471	0.286	12.3	23.81
972	40.6906	116.0576	-234.1	295	WF	0	0	0	0	77	17.7	1607	20	211	72	10.550	2.931	0.278	12.2	23.80
973	40.6902	116.0576	-236.7	282	MW	0	0	0	0	79	17.6	1722	37	171	96	4.622	1.781	0.385	12.2	23.80
974	40.6897	116.0577	-234.8	278	MW	0	0	0	0	64	17.5	1696	36	123	122	3.417	1.008	0.295	12.2	23.79
975	40.6892	116.0577	-233.2	281	MW	0	0	0	0	75	17.5	1720	43	90	157	2.093	0.573	0.274	12.1	23.78
976	40.6888	116.0577	-233.2	283	MW	0	0	0	0	74	17.6	1554	45	68	135	1.511	0.504	0.333	12.1	23.77
977	40.6883	116.0577	-233.9	290	MW	0	0	0	0	81	17.7	1617	40	127	102	3.175	1.245	0.392	12.2	23.76
978	40.6879	116.0577	-234.6	293	MW	0	0	0	0	68	17.7	1631	43	101	117	2.349	0.863	0.368	12.1	23.76
979	40.6874	116.0577	-232.9	292	MW	0	0	0	0	73	17.7	1766	35	112	152	3.200	0.737	0.230	12.1	23.76
980	40.6870	116.0577	-232.2	288	MW	0	0	0	0	67	17.6	1636	43	104	124	2.419	0.839	0.347	12.0	23.75
981	40.6865	116.0577	-229.7	290	MW	0	0	0	0	76	17.7	1598	51	112	88	2.196	1.273	0.580	11.9	23.75
982	40.6860	116.0577	-230.8	300	MW	0	0	0	0	78	17.8	1559	38	85	129	2.237	0.659	0.295	11.9	23.75
983	40.6856	116.0577	-231.7	315	MW	0	0	0	0	77	16.8	1574	30	110	106	3.667	1.038	0.283	11.8	23.74
984	40.6851	116.0577	-230.5	342	MW	0	0	0	0	69	17.1	1581	47	68	99	1.447	0.687	0.475	11.8	23.73
985	40.6847	116.0577	-230.9	379	MW	0	0	0	0	78	17.5	1625	43	25	154	0.581	0.162	0.279	11.8	23.73
986	40.6842	116.0577	-229.9	416	MW	0	0	0	0	64	17.9	1491	32	105	110	3.281	0.955	0.291	11.7	23.72
987	40.6838	116.0577	-229.8	456	MW	0	0	0	0	73	18.3	1775	41	31	181	0.756	0.171	0.227	11.7	23.71
988	40.6833	116.0577	-229.3	480	MW	0	0	0	0	77	18.5	1722	39	61	189	1.564	0.323	0.206	11.7	23.71
989	40.6828	116.0577	-227.4	475	MW	0	0	0	0	68	18.5	1752	54	80	125	1.481	0.640	0.432	11.7	23.71
990	40.6824	116.0577	-227.6	447	MC	0	0	0	0	76	18.2	1701	34	78	152	2.294	0.513	0.224	11.7	23.70
991	40.6819	116.0577	-229.1	415	MC	0	0	0	0	73	17.9	1564	46	89	117	1.935	0.761	0.393	11.6	23.70
992	40.6815	116.0577	-228.6	389	MC	0	0	0	0	80	17.6	1486	32	74	113	2.313	0.655	0.283	11.6	23.70
993	40.6810	116.0578	-228.8	369	MC	0	0	0	0	78	17.4	1486	40	83	110	2.075	0.755	0.364	11.6	23.70
994	40.6806	116.0578	-227.7	376	MC	0	0	0	0	74	17.5	1401	27	64	112	2.370	0.571	0.241	11.5	23.70

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
995	40.6801	116.0578	-226.5	401	MC	0	0	0	0	81	17.7	1473	25	129	93	5.160	1.387	0.269	11.5	23.70
996	40.6797	116.0578	-227.2	437	MC	0	0	0	0	74	18.1	1507	38	82	102	2.158	0.804	0.373	11.5	23.71
997	40.6792	116.0578	-226.2	469	MC	0	0	0	0	83	18.4	1562	30	42	119	1.400	0.353	0.252	11.5	23.71
998	40.6787	116.0578	-225.0	490	MC	0	0	0	0	79	18.6	1719	46	39	136	0.848	0.287	0.338	11.4	23.71
999	40.6784	116.0578	-225.5	497	MC	0	0	0	0	72	18.7	1850	38	77	150	2.026	0.513	0.253	11.4	23.71
1000	40.6780	116.0578	-224.8	497	MC	0	0	0	0	75	18.7	1783	40	95	132	2.375	0.720	0.303	11.3	23.72
1001	40.6777	116.0578	-225.7	492	MC	0	0	0	0	66	18.6	1802	45	93	116	2.067	0.802	0.388	11.3	23.71
1002	40.6774	116.0578	-226.5	488	MC	0	0	0	0	73	22.3	1698	46	31	156	0.674	0.199	0.295	11.3	23.71
1003	40.6770	116.0578	-224.8	463	MC	0	0	0	0	67	22.0	1697	20	122	133	6.100	0.917	0.150	11.3	23.71
1004	40.6767	116.0578	-225.0	444	MC	0	0	1	0	77	21.7	1683	59	17	127	0.288	0.134	0.465	11.3	23.71
1005	40.6763	116.0578	-226.0	430	MC	0	0	0	0	76	21.6	1563	39	85	104	2.179	0.817	0.375	11.3	23.70
1006	40.6760	116.0578	-225.0	427	MC	0	0	0	0	70	21.5	1457	37	41	116	1.108	0.353	0.319	11.3	23.70
1007	40.6756	116.0578	-225.6	425	MC	0	0	0	0	74	21.5	1516	30	89	113	2.967	0.788	0.265	11.3	23.70
1008	40.6753	116.0578	-226.5	425	MC	0	0	0	0	70	21.5	1628	39	96	104	2.462	0.923	0.375	11.3	23.70
1009	40.6749	116.0578	-225.7	433	MC	0	0	0	0	80	21.6	1660	21	117	97	5.571	1.206	0.216	11.3	23.70
1010	40.6746	116.0578	-224.1	448	MC	0	0	0	0	67	21.8	1782	48	84	153	1.750	0.549	0.314	11.3	23.70
1011	40.6742	116.0578	-225.1	463	MC	0	0	0	0	74	22.0	1787	33	104	166	3.152	0.627	0.199	11.2	23.70
1012	40.6739	116.0578	-224.0	483	MC	0	0	0	0	76	22.2	1887	46	72	174	1.565	0.414	0.264	11.2	23.70
1013	40.6735	116.0578	-226.7	492	MC	0	0	0	0	70	22.3	1892	48	84	144	1.750	0.583	0.333	11.2	23.70
1014	40.6732	116.0578	-225.0	492	MC	0	0	0	0	74	22.3	1896	39	118	158	3.026	0.747	0.247	11.1	23.70
1015	40.6728	116.0578	-224.8	491	MC	0	0	0	0	78	22.3	1886	45	65	161	1.444	0.404	0.280	11.1	23.70
1016	40.6725	116.0578	-225.2	487	MC	0	0	0	0	73	22.3	2006	55	88	152	1.600	0.579	0.362	11.2	23.70
1017	40.6721	116.0578	-225.4	467	MC	0	0	0	0	64	22.0	1930	56	39	225	0.696	0.173	0.249	11.2	23.70
1018	40.6718	116.0578	-226.0	460	MC	0	0	0	0	66	21.9	1927	59	65	178	1.102	0.365	0.331	11.2	23.70
1019	40.6714	116.0578	-225.6	460	MC	0	0	0	0	80	21.9	1925	44	64	171	1.455	0.374	0.257	11.2	23.70
1020	40.6711	116.0578	-226.7	460	IPMDP	0	0	0	0	76	21.9	1921	51	127	107	2.490	1.187	0.477	11.2	23.70
1021	40.6708	116.0578	-225.2	459	IPMDP	0	0	0	0	81	25.8	1836	39	138	129	3.538	1.070	0.302	11.1	23.69
1022	40.6704	116.0578	-225.5	460	IPMDP	0	0	0	0	77	25.8	1925	40	32	171	0.800	0.187	0.234	11.2	23.70
1023	40.6701	116.0578	-223.4	453	IPMDP	0	0	0	0	74	25.7	1804	27	131	111	4.852	1.180	0.243	11.1	23.69
1024	40.6697	116.0578	-224.1	434	IPMDP	0	0	0	0	74	25.4	1828	42	92	141	2.190	0.652	0.298	11.2	23.69
1025	40.6694	116.0578	-225.8	420	IPMDP	0	0	0	0	72	25.2	1708	50	58	140	1.160	0.414	0.357	11.1	23.68
1026	40.6690	116.0578	-226.4	410	IPMDP	0	0	0	0	83	25.1	1693	36	39	131	1.083	0.298	0.275	11.1	23.68
1027	40.6687	116.0578	-226.0	407	IPMDP	0	0	0	0	82	25.0	1734	58	38	142	0.655	0.268	0.408	11.1	23.67
1028	40.6683	116.0578	-226.1	410	IPMDP	0	0	0	0	80	25.1	1680	40	133	106	3.325	1.255	0.377	11.0	23.66
1029	40.6680	116.0578	-225.4	406	IPMDP	0	0	0	0	83	25.0	1627	30	130	94	4.333	1.383	0.319	11.0	23.66
1030	40.6676	116.0578	-227.3	401	IPMDP	0	0	0	0	74	24.9	1659	31	121	132	3.903	0.917	0.235	11.1	23.65
1031	40.6673	116.0578	-225.8	402	IPMDP	0	0	0	0	78	25.0	1692	36	93	111	2.583	0.838	0.324	11.1	23.64
1032	40.6669	116.0578	-225.6	405	IPMDP	0	0	0	0	80	25.0	1796	43	79	161	1.837	0.491	0.267	11.1	23.63
1033	40.6666	116.0578	-226.4	409	IPMDP	0	0	0	0	77	25.0	1808	39	106	164	2.718	0.646	0.238	11.1	23.62
1034	40.6662	116.0578	-225.4	409	IPMDP	0	0	0	0	84	25.0	1701	32	147	109	4.594	1.349	0.294	11.1	23.61
1035	40.6659	116.0578	-226.5	410	IPMDP	0	0	0	0	75	25.1	1784	45	98	108	2.178	0.907	0.417	11.0	23.60
1036	40.6655	116.0578	-226.3	414	IPMDP	0	0	0	0	81	25.1	1763	41	153	61	3.732	2.508	0.672	11.0	23.60
1037	40.6652	116.0578	-226.0	421	IPMDP	0	0	0	0	68	25.2	1703	33	131	95	3.970	1.379	0.347	11.0	23.59
1038	40.6649	116.0578	-227.3	421	IPMDP	0	0	0	0	82	25.2	1641	43	59	116	1.372	0.509	0.371	11.0	23.58
1039	40.6645	116.0578	-226.2	413	IPMDP	0	0	0	0	80	25.1	1804	52	56	146	1.077	0.384	0.356	10.9	23.58
1040	40.6642	116.0578	-227.6	411	IPMDP	0	0	0	0	69	29.3	1756	55	78	131	1.418	0.595	0.420	10.9	23.57
1041	40.6638	116.0578	-226.1	408	IPMDP	0	0	0	0	81	29.3	1838	70	42	144	0.600	0.292	0.486	10.8	23.57
1042	40.6635	116.0578	-225.9	411	IPMDP	0	0	0	0	82	29.3	1760	41	57	146	1.390	0.390	0.281	10.8	23.55
1043	40.6631	116.0578	-226.0	415	IPMDP	0	0	0	0	73	29.4	1876	59	102	110	1.729	0.927	0.536	10.8	23.55
1044	40.6628	116.0578	-227.5	413	IPMDP	0	0	0	0	79	29.4	1814	29	181	108	6.241	1.676	0.269	10.8	23.53
1045	40.6624	116.0578	-225.1	407	IPMDP	0	0	0	0	84	29.3	1796	45	132	119	2.933	1.109	0.378	10.8	23.53
1046	40.6621	116.0578	-227.5	400	IPMDP	0	0	0	0	84	29.2	1704	41	155	78	3.780	1.987	0.526	10.8	23.52
1047	40.6617	116.0578	-227.6	395	IPMDP	0	0	0	0	81	29.1	1646	38	91	108	2.395	0.843	0.352	10.8	23.51
1048	40.6614	116.0578	-228.2	388	IPMDP	0	0	0	0	86	28.9	1668	40	60	151	1.500	0.397	0.265	10.8	23.51

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1049	40.6610	116.0578	-227.8	382	IPMDP	0	0	0	0	64	28.8	1751	34	161	109	4.735	1.477	0.312	10.8	23.50
1050	40.6607	116.0578	-227.4	384	IPMDP	0	0	0	0	77	28.9	1564	47	67	109	1.426	0.615	0.431	10.8	23.48
1051	40.6603	116.0578	-226.9	394	IPMDP	0	0	0	0	78	29.0	1686	39	55	143	1.410	0.385	0.273	10.7	23.47
1052	40.6600	116.0578	-228.1	410	IPMDP	0	0	0	0	77	29.3	1667	28	38	158	1.357	0.241	0.177	10.7	23.46
1053	40.6596	116.0578	-226.7	427	IPMDP	0	0	0	0	81	29.6	1675	36	89	111	2.472	0.802	0.324	10.6	23.46
1054	40.6593	116.0578	-227.0	427	IPMDP	0	0	0	0	76	29.6	1682	36	71	122	1.972	0.582	0.295	10.6	23.45
1055	40.6589	116.0578	-225.3	402	IPMDP	0	0	0	0	75	29.2	1657	36	107	91	2.972	1.176	0.396	10.5	23.45
1056	40.6586	116.0578	-227.9	398	IPMDP	0	0	0	0	84	29.1	1529	49	48	98	0.980	0.490	0.500	10.5	23.44
1057	40.6583	116.0578	-228.2	402	IPMDP	0	0	0	0	79	29.2	1568	28	101	90	3.607	1.122	0.311	10.4	23.45
1058	40.6579	116.0578	-228.9	413	IPMDP	0	0	0	0	80	29.4	1569	28	120	81	4.286	1.481	0.346	10.3	23.44
1059	40.6576	116.0578	-227.8	434	IPMDP	0	0	0	0	79	31.6	1672	38	117	86	3.079	1.360	0.442	10.3	23.44
1060	40.6572	116.0578	-228.9	457	IPMDP	0	0	0	0	84	32.0	1776	51	59	127	1.157	0.465	0.402	10.3	23.44
1061	40.6569	116.0578	-226.4	461	IPMDP	0	0	0	0	73	32.0	1776	48	120	92	2.500	1.304	0.522	10.3	23.45
1062	40.6565	116.0578	-226.8	459	IPMDP	0	0	0	0	76	32.0	1862	46	98	117	2.130	0.838	0.393	10.2	23.45
1063	40.6562	116.0578	-227.5	442	IPMDP	0	0	0	0	80	31.7	1823	40	90	141	2.250	0.638	0.284	10.2	23.45
1064	40.6558	116.0578	-226.7	419	IPMDP	0	0	0	0	66	31.3	1752	41	96	138	2.341	0.696	0.297	10.1	23.45
1065	40.6555	116.0578	-227.2	398	IPMDP	0	0	0	0	80	30.9	1700	37	119	118	3.216	1.008	0.314	10.2	23.45
1066	40.6551	116.0578	-228.3	397	IPMDP	0	0	0	0	71	30.9	1808	38	63	130	1.658	0.485	0.292	10.2	23.45
1067	40.6548	116.0578	-228.5	403	IPMDP	0	0	1	0	78	31.0	1745	56	25	117	0.446	0.214	0.479	10.1	23.45
1068	40.6544	116.0578	-227.5	420	IPMDP	0	0	0	0	76	31.3	1677	34	78	121	2.294	0.645	0.281	10.0	23.45
1069	40.6541	116.0578	-227.7	429	IPMDP	0	0	0	0	78	31.5	1762	43	90	120	2.093	0.750	0.358	10.0	23.44
1070	40.6537	116.0578	-228.8	425	IPMDP	0	0	0	0	68	31.4	1602	43	65	108	1.512	0.602	0.398	10.0	23.44
1071	40.6534	116.0578	-229.8	429	IPMDP	0	0	0	0	77	31.5	1743	46	52	144	1.130	0.361	0.319	9.9	23.44
1072	40.6530	116.0578	-228.9	454	IPMDP	0	0	1	0	78	31.9	1832	65	22	119	0.338	0.185	0.546	9.9	23.44
1073	40.6527	116.0578	-228.7	461	IPMDP	0	0	0	0	85	32.0	1780	48	81	143	1.688	0.566	0.336	9.8	23.43
1074	40.6524	116.0578	-228.7	469	IPMDP	0	0	0	0	77	32.2	1845	39	91	146	2.333	0.623	0.267	9.8	23.43
1075	40.6520	116.0578	-228.5	463	IPMDP	0	0	0	0	80	32.1	1885	59	63	135	1.068	0.467	0.437	9.7	23.42
1076	40.6517	116.0578	-228.9	453	IPMDP	0	0	0	0	76	31.9	1847	31	150	137	4.839	1.095	0.226	9.7	23.41
1077	40.6513	116.0578	-229.5	427	IPMDP	0	0	0	0	74	31.4	1976	53	116	166	2.189	0.699	0.319	9.8	23.41
1078	40.6510	116.0578	-228.8	391	IPMDP	0	0	0	0	77	34.2	1840	36	139	101	3.861	1.376	0.356	9.7	23.41
1079	40.6506	116.0578	-230.7	356	IPMDP	0	0	0	0	86	33.4	1727	30	122	125	4.067	0.976	0.240	9.8	23.40
1080	40.6503	116.0578	-229.9	335	DW	0	0	0	0	73	33.0	1737	64	43	120	0.672	0.358	0.533	9.7	23.40
1081	40.6499	116.0578	-231.7	336	DW	0	0	0	0	79	33.0	1732	51	91	123	1.784	0.740	0.415	9.7	23.38
1082	40.6496	116.0578	-231.9	348	DW	0	0	0	0	74	33.3	1715	38	71	139	1.868	0.511	0.273	9.7	23.37
1083	40.6492	116.0578	-230.2	352	DW	0	0	0	0	74	33.4	1704	37	129	108	3.486	1.194	0.343	9.7	23.36
1084	40.6489	116.0578	-228.3	350	DW	0	0	0	0	80	33.3	1698	29	131	125	4.517	1.048	0.232	9.7	23.35
1085	40.6485	116.0578	-229.3	353	DW	0	0	0	0	77	33.4	1596	32	138	116	4.313	1.190	0.276	9.6	23.33
1086	40.6482	116.0578	-230.1	355	DW	0	0	0	0	73	33.4	1619	19	135	119	7.105	1.134	0.160	9.6	23.33
1087	40.6478	116.0578	-229.8	348	DW	0	0	0	0	72	33.3	1553	28	132	99	4.714	1.333	0.283	9.6	23.32
1088	40.6475	116.0578	-231.0	356	DW	0	0	0	0	76	33.4	1459	42	78	113	1.857	0.690	0.372	9.6	23.31
1089	40.6471	116.0578	-230.8	384	DW	0	0	0	0	81	34.0	1598	29	61	131	2.103	0.466	0.221	9.6	23.30
1090	40.6468	116.0578	-230.0	436	DW	0	0	0	0	81	35.1	1634	38	103	91	2.711	1.132	0.418	9.6	23.29
1091	40.6464	116.0578	-229.8	492	DW	0	0	0	0	91	36.1	1753	41	101	108	2.463	0.935	0.380	9.6	23.29
1092	40.6461	116.0578	-230.1	498	DW	0	0	0	0	84	36.2	1801	56	57	149	1.018	0.383	0.376	9.6	23.28
1093	40.6458	116.0578	-231.6	498	DW	0	0	0	0	72	36.2	1809	40	64	136	1.600	0.471	0.294	9.6	23.27
1094	40.6454	116.0578	-230.5	491	DW	0	0	0	0	82	36.1	1720	41	118	143	2.878	0.825	0.287	9.7	23.28
1095	40.6451	116.0578	-230.6	479	DW	0	0	0	0	89	35.9	1809	38	99	125	2.605	0.792	0.304	9.8	23.28
1096	40.6447	116.0578	-232.1	468	DW	0	0	0	0	83	35.7	1878	27	156	94	5.778	1.660	0.287	9.8	23.27
1097	40.6444	116.0578	-232.2	460	DW	0	0	0	0	76	29.6	1769	35	131	71	3.743	1.845	0.493	9.8	23.27
1098	40.6440	116.0578	-231.8	452	DW	0	0	0	0	82	29.5	1737	37	132	129	3.568	1.023	0.287	9.7	23.27
1099	40.6437	116.0578	-231.5	439	DW	0	0	0	0	82	29.3	1725	38	64	166	1.684	0.386	0.229	9.7	23.26
1100	40.6433	116.0578	-233.0	409	DW	0	0	0	0	85	28.8	1693	44	78	107	1.773	0.729	0.411	9.8	23.26
1101	40.6430	116.0578	-231.3	383	DW	0	0	0	0	83	28.3	1745	29	131	117	4.517	1.120	0.248	9.8	23.25
1102	40.6426	116.0578	-231.6	359	DW	0	0	0	0	76	27.9	1660	33	73	149	2.212	0.490	0.221	9.8	23.25

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1103	40.6423	116.0578	-233.6	333	DW	0	0	0	0	73	27.5	1639	34	114	134	3.353	0.851	0.254	9.8	23.25
1104	40.6419	116.0578	-232.3	319	DW	0	0	0	0	78	27.2	1553	46	95	93	2.065	1.022	0.495	9.8	23.25
1105	40.6416	116.0578	-233.2	305	DW	0	0	0	0	94	26.9	1671	37	85	117	2.297	0.726	0.316	9.8	23.24
1106	40.6412	116.0578	-234.4	315	DW	0	0	0	0	85	27.1	1623	37	101	106	2.730	0.953	0.349	9.8	23.24
1107	40.6409	116.0578	-234.5	344	DW	0	0	0	0	81	27.6	1655	40	103	105	2.575	0.981	0.381	9.8	23.24
1108	40.6405	116.0578	-235.3	378	DW	0	0	0	0	83	28.2	1753	35	138	115	3.943	1.200	0.304	9.8	23.23
1109	40.6402	116.0578	-235.1	384	DW	0	0	0	0	83	28.4	1841	42	79	151	1.881	0.523	0.278	9.8	23.23
1110	40.6398	116.0578	-235.3	331	DW	0	0	0	0	87	27.4	1802	47	114	140	2.426	0.814	0.336	9.7	23.23
1111	40.6395	116.0578	-234.6	304	DW	0	0	0	0	66	26.9	1869	36	179	112	4.972	1.598	0.321	9.7	23.23
1112	40.6392	116.0578	-233.6	309	DW	0	0	0	0	92	27.0	1940	42	268	86	6.381	3.116	0.488	9.7	23.23
1113	40.6388	116.0578	-234.9	317	DW	0	0	0	0	93	27.2	2194	29	283	111	9.759	2.550	0.261	9.7	23.23
1114	40.6385	116.0578	-234.4	316	DW	0	0	0	0	77	27.1	2075	19	270	117	14.211	2.308	0.162	9.6	23.24
1115	40.6381	116.0578	-232.5	340	DW	0	0	0	0	76	27.6	2183	39	229	121	5.872	1.893	0.322	9.6	23.23
1116	40.6378	116.0578	-234.6	374	DW	0	0	0	0	85	25.2	2277	27	350	86	12.963	4.070	0.314	9.5	23.23
1117	40.6374	116.0578	-232.8	416	DW	0	0	0	0	86	25.8	2399	31	306	116	9.871	2.638	0.267	9.5	23.23
1118	40.6371	116.0578	-232.9	442	DW	0	0	0	0	83	26.2	2610	32	335	124	10.469	2.702	0.258	9.5	23.23
1119	40.6367	116.0578	-232.9	440	DW	0	0	0	0	76	26.2	2410	51	280	116	5.490	2.414	0.440	9.4	23.23
1120	40.6364	116.0578	-232.0	418	DW	0	0	0	0	87	25.9	2474	26	312	80	12.000	3.900	0.325	9.4	23.24
1121	40.6360	116.0578	-233.4	369	DW	0	0	0	0	95	25.1	2339	29	254	128	8.759	1.984	0.227	9.3	23.24
1122	40.6357	116.0578	-233.9	347	DW	0	0	0	0	84	24.8	2160	29	349	49	12.034	7.122	0.592	9.2	23.23
1123	40.6353	116.0578	-233.7	345	DW	0	0	0	0	79	24.7	2096	21	376	63	17.905	5.968	0.333	9.2	23.23
1124	40.6350	116.0578	-234.0	350	DW	0	0	0	1	79	24.8	2197	1	442	39	442.000	11.333	0.026	9.2	23.23
1125	40.6346	116.0578	-235.1	374	DW	0	0	0	0	84	25.2	2138	18	327	69	18.167	4.739	0.261	9.1	23.23
1126	40.6343	116.0578	-234.1	413	DW	0	0	0	0	82	25.8	2126	9	282	130	31.333	2.169	0.069	9.1	23.22
1127	40.6339	116.0578	-233.8	459	DW	0	0	0	0	86	26.5	2103	32	293	42	9.156	6.976	0.762	9.1	23.22
1128	40.6336	116.0578	-232.1	491	DW	0	0	0	0	86	26.9	2175	27	221	110	8.185	2.009	0.245	9.1	23.22
1129	40.6333	116.0578	-231.6	494	DW	0	0	0	0	68	26.9	2203	30	214	143	7.133	1.497	0.210	9.1	23.22
1130	40.6329	116.0578	-233.4	496	DW	0	0	0	0	72	27.0	2010	27	213	75	7.889	2.840	0.360	9.0	23.22
1131	40.6326	116.0578	-232.8	523	DW	0	0	0	0	84	27.3	2158	31	188	106	6.065	1.774	0.292	9.0	23.22
1132	40.6322	116.0578	-232.5	562	DW	0	0	0	0	87	27.8	1980	17	172	123	10.118	1.398	0.138	8.9	23.22
1133	40.6319	116.0578	-232.7	601	DW	0	0	0	1	86	28.3	2099	6	302	54	50.333	5.593	0.111	8.9	23.21
1134	40.6315	116.0578	-232.2	668	DW	0	0	0	0	81	29.1	2107	20	220	97	11.000	2.268	0.206	8.9	23.21
1135	40.6312	116.0578	-231.8	699	DW	0	0	0	0	80	24.3	2150	28	254	108	9.071	2.352	0.259	8.8	23.21
1136	40.6308	116.0578	-231.7	741	DW	1	0	0	0	78	24.7	2265	31	213	82	6.871	2.598	0.378	8.8	23.21
1137	40.6305	116.0578	-230.8	741	DW	1	0	0	0	82	24.7	2242	24	239	82	9.958	2.915	0.293	8.8	23.20
1138	40.6301	116.0578	-232.4	676	DW	0	0	0	0	71	24.1	2223	38	213	79	5.605	2.696	0.481	8.8	23.20
1139	40.6298	116.0578	-233.4	596	DW	0	0	0	0	81	23.4	2228	41	207	83	5.049	2.494	0.494	8.8	23.19
1140	40.6294	116.0578	-234.1	514	DW	0	0	0	0	74	22.5	2056	33	238	81	7.212	2.938	0.407	8.8	23.19
1141	40.6291	116.0578	-233.9	488	DW	0	0	0	0	81	22.2	1974	25	187	95	7.480	1.968	0.263	8.8	23.19
1142	40.6287	116.0578	-234.2	457	DW	0	0	0	0	82	21.9	1979	22	258	97	11.727	2.660	0.227	8.8	23.19
1143	40.6284	116.0578	-235.6	447	DW	0	0	0	0	85	21.7	2047	20	253	53	12.650	4.774	0.377	8.8	23.19
1144	40.6280	116.0578	-235.8	430	DW	0	0	0	0	82	21.5	2128	40	144	123	3.600	1.171	0.325	8.7	23.19
1145	40.6277	116.0578	-236.6	409	DW	0	0	0	0	87	21.3	2143	20	221	137	11.050	1.613	0.146	8.6	23.19
1146	40.6273	116.0578	-235.6	408	DW	0	0	0	0	71	21.3	2105	39	271	77	6.949	3.519	0.506	8.5	23.19
1147	40.6270	116.0578	-234.6	424	DW	0	0	0	0	82	21.5	2204	13	290	96	22.308	3.021	0.135	8.4	23.19
1148	40.6267	116.0578	-234.5	439	DW	0	0	0	0	77	21.6	2062	25	217	109	8.680	1.991	0.229	8.3	23.19
1149	40.6263	116.0578	-234.1	472	DW	0	0	0	0	76	22.0	2144	31	231	112	7.452	2.063	0.277	8.3	23.18
1150	40.6260	116.0578	-234.2	496	DW	0	0	0	0	90	22.3	2504	33	229	149	6.939	1.537	0.221	8.3	23.17
1151	40.6256	116.0578	-235.2	498	DW	0	0	0	0	85	22.3	2363	18	333	75	18.500	4.440	0.240	8.2	23.17
1152	40.6253	116.0578	-235.4	514	DW	0	0	0	0	94	22.5	2539	22	295	110	13.409	2.682	0.200	8.1	23.17
1153	40.6249	116.0578	-233.8	499	DW	0	0	0	0	89	22.3	2469	25	306	95	12.240	3.221	0.263	8.0	23.16
1154	40.6246	116.0578	-236.4	496	DW	0	0	0	0	82	22.7	2398	39	312	77	8.000	4.052	0.506	7.9	23.16
1155	40.6242	116.0578	-237.3	491	DW	0	0	0	0	79	22.7	2369	22	358	65	16.273	5.508	0.338	7.8	23.16
1156	40.6239	116.0578	-235.6	490	DW	0	0	0	0	81	22.7	2379	11	333	102	30.273	3.265	0.108	7.8	23.15

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1157	40.6235	116.0578	-236.4	487	DW	0	0	0	0	74	22.6	2274	22	322	87	14.636	3.701	0.253	7.9	23.15
1158	40.6232	116.0578	-236.2	464	DW	0	0	0	0	88	22.4	2329	30	386	48	12.867	8.042	0.625	7.9	23.14
1159	40.6228	116.0578	-236.0	435	DW	0	0	0	0	73	22.0	2396	17	402	45	23.647	8.933	0.378	7.9	23.14
1160	40.6225	116.0578	-236.4	426	DW	0	0	0	0	86	21.9	2419	19	378	65	19.895	5.815	0.292	7.9	23.14
1161	40.6221	116.0578	-236.7	425	DW	0	0	0	0	82	21.9	2435	32	389	63	12.156	6.175	0.508	7.8	23.13
1162	40.6218	116.0578	-237.3	422	DW	0	0	0	0	80	21.9	2391	33	363	72	11.000	5.042	0.458	7.8	23.13
1163	40.6214	116.0578	-237.1	419	DW	0	0	0	0	79	21.8	2408	18	399	81	22.167	4.926	0.222	7.8	23.12
1164	40.6211	116.0578	-237.8	409	DW	0	0	0	0	79	21.7	2316	19	380	65	20.000	5.846	0.292	7.9	23.12
1165	40.6208	116.0578	-237.7	392	DW	0	0	0	0	91	21.5	2260	14	349	97	24.929	3.598	0.144	7.9	23.11
1166	40.6204	116.0578	-238.9	372	DW	0	0	0	0	73	21.2	2076	33	315	71	9.545	4.437	0.465	8.0	23.10
1167	40.6201	116.0578	-239.1	356	DW	0	0	0	0	90	21.0	2117	25	331	40	13.240	8.275	0.625	8.0	23.09
1168	40.6197	116.0578	-238.8	340	DW	0	0	0	0	89	20.8	1982	29	246	62	8.483	3.968	0.468	8.1	23.08
1169	40.6194	116.0578	-238.0	331	DW	0	0	0	0	78	20.7	1862	38	256	81	6.737	3.160	0.469	8.0	23.07
1170	40.6190	116.0578	-239.6	317	DW	0	0	0	0	84	20.5	1965	25	249	77	9.960	3.234	0.325	8.0	23.06
1171	40.6187	116.0578	-241.0	286	DW	0	0	0	0	81	20.0	1877	18	251	95	13.944	2.642	0.189	8.1	23.05
1172	40.6183	116.0578	-241.3	280	DW	0	0	0	0	83	20.0	1803	18	229	98	12.722	2.337	0.184	8.1	23.05
1173	40.6180	116.0578	-240.0	293	DW	0	0	0	0	92	24.1	1834	24	251	55	10.458	4.564	0.436	8.1	23.04
1174	40.6176	116.0578	-238.1	317	DW	0	0	0	0	82	24.5	1851	23	274	82	11.913	3.341	0.280	8.2	23.03
1175	40.6173	116.0578	-237.1	332	DW	0	0	0	0	86	24.8	1841	35	224	85	6.400	2.635	0.412	8.2	23.03
1176	40.6169	116.0578	-239.0	347	DW	0	0	0	0	83	25.0	1908	34	225	74	6.618	3.041	0.459	8.3	23.03
1177	40.6166	116.0578	-239.0	360	DW	0	0	0	0	86	25.2	1936	33	298	38	9.030	7.842	0.868	8.4	23.03
1178	40.6162	116.0578	-239.2	368	DW	0	0	0	0	83	25.4	1942	24	219	81	9.125	2.704	0.296	8.4	23.03
1179	40.6159	116.0578	-239.9	377	DW	0	0	0	0	83	25.5	2076	26	233	76	8.962	3.066	0.342	8.4	23.02
1180	40.6155	116.0578	-238.7	387	DW	0	0	0	0	85	25.7	1915	24	231	60	9.625	3.850	0.400	8.4	23.02
1181	40.6152	116.0578	-238.8	408	DW	0	0	0	0	87	26.0	1925	28	219	88	7.821	2.489	0.318	8.4	23.02
1182	40.6148	116.0578	-239.1	443	DW	0	0	0	0	78	26.5	1903	45	166	81	3.689	2.049	0.556	8.4	23.01
1183	40.6145	116.0578	-239.4	473	DW	0	0	0	0	72	26.9	2010	27	210	80	7.778	2.625	0.337	8.3	23.02
1184	40.6142	116.0578	-238.8	492	DW	0	0	0	0	95	27.2	2050	31	192	63	6.194	3.048	0.492	8.4	23.01
1185	40.6138	116.0578	-239.8	493	DW	0	0	0	0	92	27.2	1956	26	202	99	7.769	2.040	0.263	8.4	23.01
1186	40.6135	116.0578	-240.0	481	DW	0	0	0	0	80	27.0	1936	45	180	106	4.000	1.698	0.425	8.3	23.01
1187	40.6131	116.0578	-240.8	459	DW	0	0	0	0	84	26.7	1831	22	159	126	7.227	1.262	0.175	8.3	23.01
1188	40.6128	116.0578	-241.0	440	DW	0	0	0	0	84	26.4	1856	36	188	107	5.222	1.757	0.336	8.3	23.01
1189	40.6124	116.0578	-242.0	412	DW	0	0	0	0	88	26.0	1810	48	99	80	2.063	1.237	0.600	8.3	23.02
1190	40.6121	116.0578	-239.1	379	DW	0	0	0	0	95	25.5	1839	38	153	81	4.026	1.889	0.469	8.3	23.02
1191	40.6117	116.0578	-239.4	349	DW	0	0	0	0	81	25.1	1806	52	108	99	2.077	1.091	0.525	8.2	23.02
1192	40.6114	116.0578	-239.3	315	DW	0	0	0	0	82	23.5	1628	48	99	93	2.063	1.065	0.516	8.2	23.02
1193	40.6110	116.0578	-240.3	293	DW	0	0	0	0	90	23.1	1600	46	47	86	1.022	0.547	0.535	8.2	23.03
1194	40.6107	116.0578	-240.9	285	DW	0	0	0	0	84	23.0	1583	31	100	104	3.226	0.962	0.298	8.2	23.03
1195	40.6103	116.0578	-240.7	284	DW	0	0	0	0	83	23.0	1495	34	134	72	3.941	1.861	0.472	8.2	23.02
1196	40.6100	116.0578	-242.4	295	DW	0	0	0	0	78	23.2	1514	53	57	111	1.075	0.514	0.477	8.2	23.02
1197	40.6096	116.0578	-243.6	312	DW	0	0	0	0	76	23.4	1540	46	81	110	1.761	0.736	0.418	8.2	23.01
1198	40.6093	116.0578	-243.5	332	DW	0	0	0	0	83	23.7	1580	45	49	130	1.089	0.377	0.346	8.3	23.01
1199	40.6089	116.0578	-240.4	352	IPMDP	0	0	0	0	81	24.1	1624	29	171	69	5.897	2.478	0.420	8.4	23.01
1200	40.6086	116.0578	-240.0	371	IPMDP	0	0	0	0	86	24.3	1675	38	122	88	3.211	1.386	0.432	8.5	23.01
1201	40.6083	116.0578	-241.5	384	IPMDP	0	0	0	0	79	24.5	1611	37	85	115	2.297	0.739	0.322	8.5	23.01
1202	40.6079	116.0578	-241.2	391	IPMDP	0	0	0	0	83	24.6	1510	46	48	114	1.043	0.421	0.404	8.5	23.01
1203	40.6076	116.0578	-241.3	393	IPMDP	0	0	0	0	92	24.7	1415	43	83	44	1.930	1.836	0.977	8.6	23.01
1204	40.6072	116.0578	-241.6	398	IPMDP	0	0	0	0	87	24.8	1500	39	40	98	1.026	0.408	0.398	8.6	23.01
1205	40.6069	116.0578	-242.3	404	IPMDP	0	0	0	0	93	24.8	1431	39	26	109	0.667	0.239	0.358	8.7	23.02
1206	40.6065	116.0578	-241.3	417	IPMDP	0	0	0	0	86	25.0	1428	39	82	51	2.103	1.608	0.765	8.7	23.01
1207	40.6062	116.0578	-241.0	430	IPMDP	0	0	0	0	79	25.2	1585	34	106	51	3.118	2.078	0.667	8.7	23.02
1208	40.6058	116.0578	-239.5	437	IPMDP	0	0	0	0	78	25.3	1538	28	79	105	2.821	0.752	0.267	8.8	23.02
1209	40.6055	116.0578	-240.4	453	IPMDP	0	0	0	0	95	25.5	1550	38	61	90	1.605	0.678	0.422	8.8	23.02
1210	40.6051	116.0578	-239.0	479	IPMDP	0	0	0	0	85	25.9	1524	32	93	95	2.906	0.979	0.337	8.9	23.03

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1211	40.6048	116.0578	-240.4	492	IPMDP	0	0	0	0	84	29.5	1600	54	71	69	1.315	1.029	0.783	9.0	23.03
1212	40.6044	116.0578	-240.7	499	IPMDP	0	0	0	0	75	29.6	1668	34	120	64	3.529	1.875	0.531	9.0	23.04
1213	40.6041	116.0578	-240.5	530	IPMDP	0	0	0	0	93	30.1	1633	32	138	41	4.313	3.366	0.780	9.0	23.04
1214	40.6037	116.0578	-241.1	558	IPMDP	0	0	0	0	82	30.5	1788	48	92	57	1.917	1.614	0.842	9.0	23.04
1215	40.6034	116.0578	-241.6	571	IPMDP	0	0	0	0	90	30.7	1613	41	72	99	1.756	0.727	0.414	9.0	23.03
1216	40.6030	116.0578	-242.5	582	IPMDP	0	0	0	0	84	30.8	1786	44	90	72	2.045	1.250	0.611	9.0	23.04
1217	40.6027	116.0578	-241.5	537	IPMDP	0	0	0	0	82	30.2	1658	28	100	62	3.571	1.613	0.452	9.0	23.04
1218	40.6023	116.0578	-242.2	511	IPMDP	0	0	0	0	82	29.8	1678	28	100	104	3.571	0.962	0.269	9.0	23.04
1219	40.6020	116.0578	-242.9	467	IPMDP	0	0	0	0	85	29.1	1486	35	104	70	2.971	1.486	0.500	8.9	23.04
1220	40.6017	116.0578	-243.3	426	IPMDP	0	0	0	0	94	28.5	1504	34	89	64	2.618	1.391	0.531	9.0	23.05
1221	40.6013	116.0578	-243.1	395	IPMDP	0	0	0	0	90	28.0	1556	34	88	78	2.588	1.128	0.436	9.0	23.05
1222	40.6010	116.0578	-243.6	371	IPMDP	0	0	0	0	82	27.6	1457	33	23	107	0.697	0.215	0.308	9.0	23.05
1223	40.6006	116.0578	-242.8	359	IPMDP	0	0	0	0	80	27.4	1333	28	63	91	2.250	0.692	0.308	8.9	23.05
1224	40.6003	116.0578	-244.3	371	IPMDP	0	0	0	0	80	27.5	1406	23	110	64	4.783	1.719	0.359	9.0	23.05
1225	40.5999	116.0578	-244.8	406	IPMDP	0	0	0	0	80	28.2	1595	23	85	84	3.696	1.012	0.274	9.0	23.05
1226	40.5996	116.0578	-243.8	440	IPMDP	0	0	0	0	80	28.7	1508	27	69	81	2.556	0.852	0.333	8.9	23.05
1227	40.5992	116.0578	-242.4	466	IPMDP	0	0	0	0	81	29.1	1601	47	84	60	1.787	1.400	0.783	8.9	23.06
1228	40.5989	116.0578	-243.1	486	IPMDP	0	0	0	0	87	29.4	1687	45	77	62	1.711	1.242	0.726	8.9	23.06
1229	40.5985	116.0578	-244.6	493	IPMDP	0	0	0	0	74	29.5	1555	25	110	56	4.400	1.964	0.446	8.8	23.05
1230	40.5982	116.0578	-244.8	498	MC	0	0	0	0	85	28.8	1509	29	70	80	2.414	0.875	0.363	8.8	23.05
1231	40.5978	116.0578	-243.4	502	MC	0	0	1	0	87	28.9	1515	36	20	129	0.556	0.155	0.279	8.8	23.05
1232	40.5975	116.0578	-243.1	539	MC	0	0	0	0	89	29.4	1505	22	93	84	4.227	1.107	0.262	8.9	23.05
1233	40.5971	116.0578	-246.2	533	MC	0	0	0	0	87	29.3	1506	40	32	73	0.800	0.438	0.548	8.9	23.04
1234	40.5968	116.0578	-245.0	540	MC	0	0	0	0	85	29.4	1439	16	61	88	3.813	0.693	0.182	9.0	23.04
1235	40.5964	116.0578	-246.7	522	MC	0	0	0	0	85	29.2	1547	32	51	107	1.594	0.477	0.299	9.0	23.04
1236	40.5961	116.0578	-246.2	500	MC	0	0	0	0	87	28.9	1445	25	60	111	2.400	0.541	0.225	9.0	23.04
1237	40.5958	116.0578	-247.0	498	MC	0	0	1	0	91	28.8	1446	28	12	107	0.429	0.112	0.262	9.1	23.03
1238	40.5954	116.0578	-247.1	497	MC	0	0	1	0	81	28.8	1398	34	-13	93	-0.382	-0.140	0.366	9.1	23.03
1239	40.5951	116.0578	-246.9	496	MC	0	0	1	0	76	28.8	1482	42	6	134	0.143	0.045	0.313	9.2	23.03
1240	40.5947	116.0578	-247.3	515	MC	0	0	0	0	89	29.1	1478	32	56	88	1.750	0.636	0.364	9.3	23.03
1241	40.5944	116.0578	-248.1	549	MC	0	0	0	0	88	29.6	1443	46	49	77	1.065	0.636	0.597	9.3	23.03
1242	40.5940	116.0578	-248.1	582	MC	0	0	0	0	88	30.0	1616	43	73	69	1.698	1.058	0.623	9.3	23.02
1243	40.5937	116.0578	-248.5	569	MC	0	0	0	1	99	29.8	1511	8	51	76	6.375	0.671	0.105	9.3	23.02
1244	40.5933	116.0578	-251.2	562	MC	0	0	0	0	84	29.7	1635	35	83	52	2.371	1.596	0.673	9.3	23.01
1245	40.5930	116.0578	-249.6	550	MC	0	0	0	0	78	29.6	1645	32	69	81	2.156	0.852	0.395	9.4	23.01
1246	40.5926	116.0578	-248.1	524	MC	0	0	0	0	85	29.2	1534	33	65	54	1.970	1.204	0.611	9.4	23.01
1247	40.5923	116.0578	-248.1	501	MC	0	0	0	0	79	28.9	1437	25	61	130	2.440	0.469	0.192	9.4	23.01
1248	40.5919	116.0578	-248.8	488	MC	0	0	0	0	84	28.7	1621	27	49	133	1.815	0.368	0.203	9.4	23.01
1249	40.5916	116.0578	-249.6	460	MC	0	0	0	0	96	28.3	1601	34	36	97	1.059	0.371	0.351	9.4	23.01
1250	40.5912	116.0578	-251.0	420	MC	0	0	0	0	87	27.6	1521	12	152	73	12.667	2.082	0.164	9.4	23.01
1251	40.5909	116.0578	-250.7	374	MC	0	0	0	0	82	26.9	1381	34	64	58	1.882	1.103	0.586	9.4	23.01
1252	40.5905	116.0578	-249.6	324	MC	0	0	0	0	74	26.0	1298	28	75	44	2.679	1.705	0.636	9.5	23.00
1253	40.5902	116.0578	-250.7	299	MC	0	0	0	0	85	25.6	1242	23	96	68	4.174	1.412	0.338	9.5	23.00
1254	40.5898	116.0578	-251.0	270	MC	0	0	0	0	86	25.1	1201	10	95	68	9.500	1.397	0.147	9.4	23.00
1255	40.5895	116.0578	-250.6	258	MC	0	0	0	0	81	24.9	1187	23	65	60	2.826	1.083	0.383	9.4	23.00
1256	40.5892	116.0578	-251.7	260	MC	0	0	0	0	90	24.9	1186	29	60	52	2.069	1.154	0.558	9.4	23.00
1257	40.5888	116.0578	-252.4	293	MC	0	0	0	0	79	25.5	1161	13	65	75	5.000	0.867	0.173	9.4	23.01
1258	40.5885	116.0578	-252.4	361	MC	0	0	1	0	85	26.7	1262	36	-12	77	-0.333	-0.156	0.468	9.4	23.02
1259	40.5881	116.0578	-250.8	418	MC	0	0	0	0	83	27.6	1320	24	72	75	3.000	0.960	0.320	9.3	23.03
1260	40.5878	116.0578	-251.7	463	MC	0	0	0	0	78	28.3	1471	36	86	63	2.389	1.365	0.571	9.4	23.04
1261	40.5874	116.0578	-251.1	490	MC	0	0	0	0	84	28.7	1515	21	89	100	4.238	0.890	0.210	9.4	23.05
1262	40.5871	116.0578	-251.3	495	MC	0	0	0	0	87	28.8	1572	38	29	135	0.763	0.215	0.281	9.3	23.06
1263	40.5867	116.0578	-251.9	497	MC	0	0	0	0	83	28.8	1650	28	106	68	3.786	1.559	0.412	9.4	23.06
1264	40.5864	116.0578	-252.2	494	MC	0	0	0	0	78	28.7	1533	31	121	80	3.903	1.513	0.387	9.4	23.07

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1265	40.5860	116.0578	-252.0	492	MC	0	0	0	0	89	28.7	1683	39	78	89	2.000	0.876	0.438	9.4	23.08
1266	40.5857	116.0578	-251.7	449	MC	0	0	0	0	86	28.1	1413	16	69	93	4.313	0.742	0.172	9.4	23.08
1267	40.5853	116.0578	-254.0	393	MC	0	0	0	0	88	27.2	1359	32	89	30	2.781	2.967	1.067	9.4	23.09
1268	40.5850	116.0578	-254.1	359	MC	0	0	0	0	91	30.2	1176	33	58	37	1.758	1.568	0.892	9.4	23.09
1269	40.5846	116.0578	-253.1	362	MC	0	0	0	0	83	30.2	1136	28	35	31	1.250	1.129	0.903	9.5	23.09
1270	40.5843	116.0578	-253.7	390	MC	0	0	0	0	85	30.7	1134	14	6	44	4.714	1.500	0.318	9.5	23.10
1271	40.5839	116.0578	-253.9	435	MC	0	0	0	0	85	31.5	1305	15	94	51	6.267	1.843	0.294	9.5	23.11
1272	40.5836	116.0578	-252.8	480	MC	0	0	0	0	91	32.3	1235	19	60	50	3.158	1.200	0.380	9.5	23.12
1273	40.5833	116.0578	-254.0	497	MC	0	0	0	0	82	32.6	1300	29	75	43	2.586	1.744	0.674	9.6	23.12
1274	40.5829	116.0578	-253.3	552	MC	0	0	0	0	78	33.5	1443	11	51	119	4.636	0.429	0.092	9.6	23.13
1275	40.5826	116.0578	-254.6	555	MC	0	0	0	0	79	33.5	1481	33	82	54	2.485	1.519	0.611	9.6	23.14
1276	40.5822	116.0578	-255.1	566	MC	0	0	0	0	81	33.7	1493	33	86	85	2.606	1.012	0.388	9.6	23.15
1277	40.5819	116.0578	-254.5	618	MC	0	0	0	0	81	34.4	1505	40	73	53	1.825	1.377	0.755	9.7	23.17
1278	40.5815	116.0578	-255.4	662	MC	0	0	0	0	94	35.1	1586	27	83	84	3.074	0.988	0.321	9.7	23.18
1279	40.5812	116.0578	-254.1	707	MC	1	0	0	0	70	35.7	1687	40	42	98	1.050	0.429	0.408	9.8	23.19
1280	40.5808	116.0578	-254.6	746	MC	1	0	0	0	85	36.2	1798	48	35	132	0.729	0.265	0.364	9.9	23.19
1281	40.5805	116.0578	-254.1	746	MC	1	0	0	0	82	36.2	1833	46	79	98	1.717	0.806	0.469	10.0	23.19
1282	40.5801	116.0578	-254.1	758	MC	1	0	0	0	83	36.3	1790	33	56	142	1.697	0.394	0.232	10.1	23.20
1283	40.5798	116.0578	-255.8	748	MC	1	0	0	0	76	36.2	1850	44	98	97	2.227	1.010	0.454	10.1	23.21
1284	40.5794	116.0578	-254.5	760	MC	1	0	0	0	77	36.3	1892	22	88	161	4.000	0.547	0.137	10.1	23.21
1285	40.5791	116.0578	-256.5	763	MC	1	0	0	0	81	36.4	1851	45	66	93	1.467	0.710	0.484	10.1	23.22
1286	40.5787	116.0578	-255.9	748	MC	1	0	0	0	75	36.2	1871	49	41	147	0.837	0.279	0.333	10.2	23.22
1287	40.5784	116.0578	-256.2	751	MC	1	0	0	0	74	35.6	1819	54	85	76	1.574	1.118	0.711	10.2	23.24
1288	40.5780	116.0578	-254.7	739	MC	1	0	0	0	77	35.4	1752	41	99	91	2.415	1.088	0.451	10.2	23.25
1289	40.5777	116.0578	-257.2	737	MC	1	0	1	0	82	35.4	1839	54	1	108	0.019	0.009	0.500	10.3	23.27
1290	40.5773	116.0578	-256.5	740	MC	1	0	0	0	81	35.4	1804	35	48	160	1.371	0.300	0.219	10.3	23.29
1291	40.5770	116.0578	-258.0	723	MC	1	0	0	0	86	35.2	1753	40	47	161	1.175	0.292	0.248	10.2	23.31
1292	40.5767	116.0578	-256.9	707	MC	1	0	1	0	80	35.0	1638	42	-7	115	-0.167	-0.061	0.365	10.2	23.32
1293	40.5763	116.0578	-256.9	685	MC	0	0	0	0	75	34.7	1630	30	32	149	1.067	0.215	0.201	10.3	23.33
1294	40.5760	116.0578	-257.9	698	MC	0	0	0	0	78	34.9	1724	45	103	63	2.289	1.635	0.714	10.3	23.34
1295	40.5756	116.0578	-259.1	675	MC	0	0	0	0	72	34.6	1751	74	64	68	0.865	0.941	1.088	10.3	23.35
1296	40.5753	116.0578	-259.6	653	MC	0	0	0	0	78	34.3	1693	43	106	72	2.465	1.472	0.597	10.3	23.36
1297	40.5749	116.0578	-258.9	655	MC	0	0	0	0	87	34.3	1641	40	53	100	1.325	0.530	0.400	10.3	23.37
1298	40.5746	116.0578	-259.1	671	MC	0	0	0	0	82	34.5	1674	32	78	81	2.438	0.963	0.395	10.4	23.37
1299	40.5742	116.0578	-259.8	684	MC	0	0	0	0	75	34.7	1564	34	58	79	1.706	0.734	0.430	10.4	23.38
1300	40.5739	116.0578	-261.1	709	MC	1	0	0	0	80	35.0	1911	50	91	94	1.820	0.968	0.532	10.4	23.38
1301	40.5735	116.0578	-259.6	692	QA2	0	0	0	0	71	34.8	1764	37	28	141	0.757	0.199	0.262	10.4	23.39
1302	40.5732	116.0578	-262.0	706	QA2	1	0	0	0	88	35.0	1652	26	95	99	3.654	0.960	0.263	10.4	23.39
1303	40.5728	116.0578	-261.2	691	QA2	0	0	0	0	71	34.8	1724	24	108	126	4.500	0.857	0.190	10.5	23.39
1304	40.5725	116.0578	-260.8	717	QA2	1	0	0	0	80	35.1	1786	33	40	137	1.212	0.292	0.241	10.5	23.41
1305	40.5721	116.0578	-260.7	741	QA2	1	0	0	0	83	35.4	1852	29	112	66	3.862	1.697	0.439	10.5	23.41
1306	40.5718	116.0578	-261.5	766	QA2	1	0	0	0	91	38.1	1915	46	58	131	1.261	0.443	0.351	10.6	23.42
1307	40.5714	116.0578	-260.9	788	QA2	1	0	0	0	69	38.4	1816	30	114	102	3.800	1.118	0.294	10.6	23.43
1308	40.5711	116.0578	-261.4	792	QA2	1	0	0	0	73	38.4	1959	27	56	193	2.074	0.290	0.140	10.6	23.44
1309	40.5707	116.0578	-262.1	783	QA2	1	0	0	0	85	38.3	1984	36	40	186	1.111	0.215	0.194	10.7	23.45
1310	40.5704	116.0578	-262.3	796	QA2	1	0	0	0	73	38.5	2021	57	74	129	1.298	0.574	0.442	10.7	23.46
1311	40.5701	116.0578	-262.3	799	QA2	1	0	0	0	73	38.5	1967	45	103	77	2.289	1.338	0.584	10.7	23.47
1312	40.5697	116.0578	-263.0	811	QA2	1	0	0	0	71	38.7	1737	67	40	91	0.597	0.440	0.736	10.7	23.48
1313	40.5694	116.0578	-261.1	809	QA2	1	0	1	0	81	38.6	1736	38	-41	222	-1.079	-0.185	0.171	10.7	23.49
1314	40.5690	116.0578	-262.7	808	QA2	1	0	0	0	85	38.6	1896	32	89	134	2.781	0.664	0.239	10.7	23.50
1315	40.5687	116.0578	-262.7	809	QA2	1	0	0	0	76	38.6	1873	52	40	147	0.769	0.272	0.354	10.7	23.50
1316	40.5683	116.0578	-264.4	791	QA2	1	0	0	0	79	38.4	2026	25	124	70	4.960	1.771	0.357	10.8	23.51
1317	40.5680	116.0578	-264.2	796	QA2	1	0	0	0	76	38.5	1940	56	107	92	1.911	1.163	0.609	10.8	23.52
1318	40.5676	116.0578	-263.7	777	QA2	1	0	0	0	84	38.2	1911	26	99	99	3.808	1.000	0.263	10.8	23.53

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1319	40.5673	116.0578	-265.2	750	QA2	1	0	0	0	78	37.9	2026	25	109	134	4.360	0.813	0.187	10.8	23.53
1320	40.5669	116.0578	-266.7	664	MC	0	0	0	0	79	36.7	1797	25	86	140	3.440	0.614	0.179	10.8	23.54
1321	40.5666	116.0578	-267.5	638	MC	0	0	0	0	74	36.3	1895	35	72	161	2.057	0.447	0.217	10.9	23.55
1322	40.5662	116.0578	-269.1	580	MC	0	0	0	0	79	35.5	1653	43	41	111	0.953	0.369	0.387	10.9	23.55
1323	40.5659	116.0578	-269.6	551	MC	0	0	0	0	69	35.0	1759	42	57	141	1.357	0.404	0.298	10.9	23.56
1324	40.5655	116.0578	-271.0	514	MC	0	0	0	0	85	34.4	1642	28	53	142	1.893	0.373	0.197	10.9	23.56
1325	40.5652	116.0578	-271.2	498	MC	0	0	0	0	72	26.0	1671	29	98	125	3.379	0.784	0.232	10.9	23.56
1326	40.5648	116.0577	-272.3	490	MC	0	0	0	0	79	25.9	1721	37	125	105	3.378	1.190	0.352	10.9	23.56
1327	40.5646	116.0578	-271.8	477	MC	0	0	0	0	76	25.7	1804	49	64	130	1.306	0.492	0.377	10.9	23.56
1328	40.5643	116.0578	-270.6	473	MC	0	0	0	0	78	25.7	1713	44	82	112	1.864	0.732	0.393	10.8	23.56
1329	40.5640	116.0578	-271.4	478	MC	0	0	0	0	77	25.7	1824	41	101	163	2.463	0.620	0.252	10.8	23.56
1330	40.5637	116.0578	-272.6	496	MC	0	0	0	0	78	26.0	1832	43	49	145	1.140	0.338	0.297	10.8	23.56
1331	40.5634	116.0579	-275.2	555	MC	0	0	0	0	77	26.7	2077	53	75	138	1.415	0.543	0.384	10.7	23.56
1332	40.5631	116.0579	-274.9	579	MC	0	0	0	0	79	27.0	2162	28	165	175	5.893	0.943	0.160	10.6	23.56
1333	40.5629	116.0579	-275.7	608	MC	0	0	0	0	85	27.4	2008	51	97	169	1.902	0.574	0.302	10.5	23.56
1334	40.5626	116.0579	-275.6	660	MC	0	0	0	0	79	27.9	2073	36	122	198	3.389	0.616	0.182	10.5	23.56
1335	40.5623	116.0580	-276.2	690	MC	0	0	0	0	70	28.3	2380	67	123	180	1.836	0.683	0.372	10.5	23.56
1336	40.5620	116.0580	-276.7	697	MC	0	0	0	0	69	28.3	2381	71	49	236	0.690	0.208	0.301	10.5	23.56
1337	40.5617	116.0580	-277.5	672	MC	0	0	0	0	80	28.1	2355	70	86	223	1.229	0.386	0.314	10.4	23.56
1338	40.5614	116.0580	-279.3	585	MC	0	0	0	0	75	27.1	2045	32	189	167	5.906	1.132	0.192	10.4	23.55
1339	40.5611	116.0580	-280.2	559	MC	0	0	0	0	78	26.8	2231	53	121	160	2.283	0.756	0.331	10.4	23.55
1340	40.5609	116.0581	-282.5	504	MC	0	0	0	0	79	26.1	2061	42	152	149	3.619	1.020	0.282	10.3	23.54
1341	40.5606	116.0581	-282.7	490	MC	0	0	0	0	73	25.9	2070	58	78	198	1.345	0.394	0.293	10.3	23.54
1342	40.5603	116.0581	-284.1	447	MC	0	0	0	0	77	25.3	2045	32	160	168	5.000	0.952	0.190	10.3	23.53
1343	40.5600	116.0581	-286.7	386	MC	0	0	0	0	83	24.5	1978	39	110	189	2.821	0.582	0.206	10.3	23.52
1344	40.5597	116.0582	-285.6	326	MC	0	0	0	0	68	18.8	1791	62	110	140	1.774	0.786	0.443	10.3	23.51
1345	40.5594	116.0582	-286.1	272	MC	0	0	0	0	71	18.1	1745	38	150	149	3.947	1.007	0.255	10.2	23.50
1346	40.5592	116.0582	-285.6	252	MC	0	0	0	0	83	17.9	1808	53	82	177	1.547	0.463	0.299	10.2	23.49
1347	40.5589	116.0582	-285.1	263	MC	0	0	0	0	86	18.0	1741	48	104	140	2.167	0.743	0.343	10.2	23.48
1348	40.5586	116.0583	-283.9	273	MC	0	0	1	0	80	18.1	1958	74	24	158	0.324	0.152	0.468	10.1	23.47
1349	40.5583	116.0583	-283.9	283	MW	0	0	0	0	67	18.3	1866	43	114	152	2.651	0.750	0.283	10.0	23.46
1350	40.5580	116.0583	-284.8	305	MW	0	0	0	0	67	18.5	1835	64	64	188	1.000	0.340	0.340	9.9	23.45
1351	40.5577	116.0583	-285.1	336	MW	0	0	0	0	78	18.9	1980	49	117	146	2.388	0.801	0.336	9.9	23.45
1352	40.5574	116.0583	-285.3	354	MW	0	0	0	0	84	19.2	2048	54	67	201	1.241	0.333	0.269	9.8	23.44
1353	40.5572	116.0584	-284.2	347	MW	0	0	0	0	79	19.1	2061	66	83	204	1.258	0.407	0.324	9.8	23.43
1354	40.5569	116.0584	-286.8	350	MW	0	0	0	0	79	19.1	1915	50	119	136	2.380	0.875	0.368	9.8	23.42
1355	40.5566	116.0584	-287.1	350	MW	0	0	0	0	76	19.1	2002	49	113	152	2.306	0.743	0.322	9.7	23.41
1356	40.5563	116.0584	-286.1	355	MW	0	0	0	0	72	19.2	1964	41	143	140	3.488	1.021	0.293	9.7	23.40
1357	40.5560	116.0585	-284.1	370	MW	0	0	0	0	83	19.4	1943	39	97	171	2.487	0.567	0.228	9.7	23.39
1358	40.5557	116.0585	-284.1	383	MW	0	0	0	0	79	19.5	2054	47	98	191	2.085	0.513	0.246	9.6	23.37
1359	40.5555	116.0585	-285.8	396	MW	0	0	0	0	85	19.7	1984	44	106	159	2.409	0.667	0.277	9.6	23.37
1360	40.5552	116.0585	-284.9	398	MA	0	0	0	0	82	19.7	1874	40	138	133	3.450	1.038	0.301	9.5	23.36
1361	40.5549	116.0585	-285.1	386	MA	0	0	0	0	78	19.5	1919	50	98	155	1.960	0.632	0.323	9.5	23.35
1362	40.5546	116.0586	-283.7	386	MA	0	0	0	0	74	19.5	1804	47	91	147	1.936	0.619	0.320	9.4	23.34
1363	40.5543	116.0586	-284.8	386	MA	0	0	0	0	84	18.0	1900	48	70	180	1.458	0.389	0.267	9.4	23.32
1364	40.5540	116.0586	-284.1	384	MA	0	0	0	0	73	18.0	1800	33	163	145	4.939	1.124	0.228	9.2	23.31
1365	40.5537	116.0586	-285.0	384	MA	0	0	1	0	78	18.0	1790	56	18	192	0.321	0.094	0.292	9.2	23.30
1366	40.5535	116.0587	-283.6	384	MA	0	0	0	0	81	18.0	1841	43	32	179	0.744	0.179	0.240	9.1	23.29
1367	40.5532	116.0587	-282.1	386	MA	0	0	0	0	81	18.0	1753	65	58	146	0.892	0.397	0.445	9.0	23.29
1368	40.5529	116.0587	-281.9	39	MA	0	0	0	0	79	18.1	1755	35	162	121	4.629	1.339	0.289	8.9	23.28
1369	40.5526	116.0587	-281.4	405	MA	0	0	0	0	79	18.2	1793	50	99	108	1.980	0.917	0.463	8.9	23.27
1370	40.5523	116.0588	-281.1	394	MA	0	0	0	0	76	18.1	1702	32	125	123	3.906	1.016	0.260	8.8	23.27
1371	40.5520	116.0588	-281.2	389	MA	0	0	0	0	90	18.0	1684	28	91	129	3.250	0.705	0.217	8.8	23.26
1372	40.5518	116.0588	-280.3	389	QA2	0	0	0	0	76	18.0	1530	41	89	139	2.171	0.640	0.295	8.6	23.25

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1373	40.5515	116.0588	-280.6	402	QA2	0	0	0	0	80	18.2	1638	34	67	156	1.971	0.429	0.218	8.6	23.24
1374	40.5512	116.0588	-278.0	425	QA2	0	0	0	0	83	18.4	1695	20	195	104	9.750	1.875	0.192	8.5	23.22
1375	40.5509	116.0589	-275.8	421	QA2	0	0	0	0	79	18.4	1719	27	155	102	5.741	1.520	0.265	8.5	23.20
1376	40.5506	116.0589	-275.0	406	QA2	0	0	0	0	77	18.2	1525	35	111	108	3.171	1.028	0.324	8.4	23.18
1377	40.5503	116.0589	-272.1	415	QA2	0	0	0	0	73	18.3	1657	37	124	124	3.351	1.000	0.298	8.3	23.16
1378	40.5501	116.0589	-270.9	411	QA2	0	0	0	0	77	18.3	1639	20	112	144	5.600	0.778	0.139	8.2	23.14
1379	40.5498	116.0590	-266.3	408	QA2	0	0	0	0	77	18.2	1620	48	115	91	2.396	1.264	0.527	8.2	23.13
1380	40.5495	116.0590	-263.4	402	QA2	0	0	0	0	83	18.2	1524	34	57	133	1.676	0.429	0.256	8.2	23.11
1381	40.5492	116.0590	-259.3	403	QA2	0	0	0	0	90	18.2	1502	35	72	105	2.057	0.686	0.333	8.1	23.08
1382	40.5489	116.0590	-256.8	406	QA2	0	0	0	0	85	31.3	1405	38	47	80	1.237	0.587	0.475	8.1	23.05
1383	40.5486	116.0591	-254.9	407	QA2	0	0	0	0	83	31.3	1391	24	96	63	4.000	1.524	0.381	8.0	23.03
1384	40.5483	116.0591	-250.2	410	QA2	0	0	0	0	79	31.3	1351	32	70	67	2.188	1.045	0.478	8.0	23.01
1385	40.5481	116.0591	-247.0	414	QA2	0	0	0	0	94	31.4	1323	28	27	117	0.964	0.231	0.239	7.9	22.99
1386	40.5478	116.0591	-243.3	419	QA2	0	0	0	0	77	31.5	1362	21	68	89	3.238	0.764	0.236	7.9	22.97
1387	40.5475	116.0591	-242.6	422	QA2	0	0	0	0	87	31.6	1344	46	34	61	0.739	0.557	0.754	7.8	22.94
1388	40.5472	116.0592	-243.0	422	QA2	0	0	0	0	82	31.6	1307	23	39	72	1.696	0.542	0.319	7.8	22.91
1389	40.5469	116.0592	-243.7	408	QA2	0	0	0	0	74	31.3	1217	24	86	34	3.583	2.529	0.706	7.7	22.89
1390	40.5466	116.0592	-245.3	410	QA2	0	0	0	0	88	31.4	1169	22	48	57	2.182	0.842	0.386	7.7	22.87
1391	40.5464	116.0592	-252.9	411	QA2	0	0	1	0	85	31.4	1197	31	18	75	0.581	0.240	0.413	7.7	22.85
1392	40.5461	116.0593	-256.9	418	QA2	0	0	0	0	83	31.5	1182	18	24	86	1.333	0.279	0.209	7.6	22.82
1393	40.5458	116.0593	-259.2	417	QA2	0	0	0	0	79	31.5	1174	31	31	50	1.000	0.620	0.620	7.6	22.80
1394	40.5455	116.0593	-258.8	394	QA2	0	0	0	0	81	31.1	1064	18	41	68	2.278	0.603	0.265	7.6	22.79
1395	40.5452	116.0593	-255.2	384	QA2	0	0	0	0	85	30.9	1101	29	28	26	0.966	1.077	1.115	7.5	22.76
1396	40.5449	116.0593	-252.6	381	QA2	0	0	0	0	91	30.8	1048	8	56	42	7.000	1.333	0.190	7.5	22.74
1397	40.5446	116.0594	-249.2	374	QA2	0	0	0	0	90	30.7	1051	18	32	37	1.778	0.865	0.486	7.4	22.72
1398	40.5444	116.0594	-245.9	359	QA2	0	0	1	0	83	30.4	1039	22	16	40	0.727	0.400	0.550	7.4	22.71
1399	40.544	116.0594	-242.4	340	QA2	0	0	0	0	90	30.0	973	18	55	22	3.056	2.500	0.818	7.4	22.68
1400	40.5438	116.0594	-237.9	324	QA2	0	0	0	0	91	29.7	900	9	28	35	3.111	0.800	0.257	7.4	22.66
1401	40.5435	116.0595	-235.0	298	QA2	0	1	0	0	89	35.8	892	15	82	0	5.467	82.000	15.000	7.4	22.64
1402	40.5432	116.0595	-232.2	277	QA2	0	0	1	0	89	35.3	809	12	3	39	0.250	0.077	0.308	7.4	22.62
1403	40.5429	116.0595	-226.7	264	QA2	0	0	1	0	89	34.9	716	13	-6	29	-0.462	-0.207	0.448	7.3	22.61
1404	40.5427	116.0595	-225.3	288	QA2	0	0	0	1	92	35.5	728	-3	45	19	-15.000	2.368	-0.158	7.2	22.59
1405	40.5424	116.0596	-222.9	324	QA2	0	0	1	0	84	36.4	716	11	-23	39	-2.091	-0.590	0.282	7.2	22.57
1406	40.5421	116.0596	-221.8	337	QA2	0	1	0	0	84	36.7	784	15	36	0	2.400	36.000	15.000	7.1	22.54
1407	40.5418	116.0596	-221.4	337	QA2	0	0	1	0	87	36.8	780	17	-10	20	-0.588	-0.500	0.850	7.1	22.51
1408	40.5415	116.0596	-220.4	346	QA2	0	0	1	1	104	37.0	763	5	-2	40	-0.400	-0.050	0.125	7.1	22.48
1409	40.5412	116.0596	-220.5	346	QA2	0	0	1	0	86	37.0	778	10	-4	34	-0.400	-0.118	0.294	7.1	22.44
1410	40.5409	116.0597	-220.9	341	QA2	0	0	1	0	98	36.8	824	13	-11	32	-0.846	-0.344	0.406	7.1	22.42
1411	40.5407	116.0597	-220.2	350	DN1	0	1	0	0	87	37.1	760	15	23	-6	1.533	-3.833	-2.500	7.0	22.39
1412	40.5404	116.0597	-219.8	375	DN1	0	0	0	1	89	37.6	836	5	52	22	10.400	2.364	0.227	7.0	22.36
1413	40.5401	116.0597	-219.7	399	DN1	0	0	1	0	98	38.2	885	17	7	26	0.412	0.269	0.654	7.0	22.34
1414	40.5398	116.0598	-218.8	423	DN1	0	0	1	1	97	38.7	803	1	-5	24	-5.000	-0.208	0.042	7.0	22.32
1415	40.5395	116.0598	-215.5	450	DN1	0	1	0	1	99	39.3	913	7	36	-5	5.143	-7.200	-1.400	7.0	22.30
1416	40.5392	116.0598	-212.9	472	DN1	0	1	1	0	96	39.8	882	19	16	6	0.842	2.667	3.167	7.0	22.28
1417	40.5390	116.0598	-213.4	484	DN1	0	0	1	1	104	40.0	893	-3	19	24	-6.333	0.792	-0.125	7.0	22.26
1418	40.5387	116.0599	-211.1	488	DN1	0	0	1	0	100	40.1	898	12	-18	27	-1.500	-0.667	0.444	7.0	22.24
1419	40.5384	116.0599	-208.2	493	DN1	0	1	0	0	92	40.2	904	19	25	2	1.316	12.500	9.500	7.0	22.22
1420	40.5381	116.0599	-205.0	498	DN1	0	0	1	1	97	49.5	908	5	-3	45	-0.600	-0.067	0.111	7.0	22.21
1421	40.5378	116.0599	-203.6	500	DN1	0	0	1	1	98	49.6	922	4	10	21	2.500	0.476	0.190	6.9	22.19
1422	40.5375	116.0599	-200.8	517	DN1	0	1	1	1	101	50.0	922	4	20	7	5.000	2.857	0.571	7.0	22.18
1423	40.5372	116.0600	-199.3	530	DN1	0	1	1	0	99	50.3	996	11	16	6	1.455	2.667	1.833	7.0	22.17
1424	40.5370	116.0600	-195.6	530	DN1	0	0	1	1	99	50.3	969	-6	8	24	-1.333	0.333	-0.250	6.9	22.16
1425	40.5367	116.0600	-193.7	499	DN1	0	0	1	0	102	49.5	927	11	-21	43	-1.909	-0.488	0.256	6.9	22.15
1426	40.5364	116.0600	-189.9	486	DN1	0	0	1	1	99	49.2	991	5	10	56	2.000	0.179	0.089	7.0	22.15

REC	LAT	LONG	RMAG	ALT	GEOUNIT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1427	40.5361	116.0601	-184.3	477	DN1	0	0	1	0	91	49.0	977	12	17	25	1.417	0.680	0.480	7.0	22.14
1428	40.5358	116.0601	-181.3	485	DN1	0	0	0	1	94	49.2	887	3	27	18	9.000	1.500	0.167	7.0	22.13
1429	40.5355	116.0601	-178.1	491	DN1	0	0	1	0	99	49.3	941	9	4	40	0.444	0.100	0.225	7.0	22.13
1430	40.5353	116.0601	-174.9	493	DN1	0	1	1	1	102	49.4	917	2	17	11	8.500	1.545	0.182	7.1	22.13
1431	40.5349	116.0601	-171.6	486	DN1	0	0	1	0	105	49.2	941	16	-9	21	-0.563	-0.429	0.762	7.0	22.13
1432	40.5345	116.0601	-168.8	492	DN1	0	0	0	1	100	49.4	989	6	21	16	3.500	1.313	0.375	7.0	22.13
1433	40.5342	116.0601	-164.6	522	DN1	0	0	1	1	98	50.1	954	2	10	43	5.000	0.233	0.047	7.0	22.13
1434	40.5338	116.0600	-160.3	569	DN1	0	1	1	0	97	51.2	1054	16	15	3	0.938	5.000	5.333	7.0	22.12
1435	40.5335	116.0600	-155.7	595	DN1	0	1	0	1	100	51.8	1054	3	41	14	13.667	2.929	0.214	7.0	22.12
1436	40.5331	116.0600	-152.0	618	DN1	0	1	0	1	96	52.3	1111	3	38	0	12.667	38.000	3.000	7.0	22.12
1437	40.5328	116.0600	-150.3	567	DN1	0	0	1	1	92	51.2	962	2	12	22	6.000	0.545	0.091	7.0	22.12
1438	40.5324	116.0600	-148.1	539	DN1	0	0	1	1	104	50.5	1006	-3	15	25	-5.000	0.600	-0.120	7.0	22.11
1439	40.5320	116.0599	-143.2	525	DN1	0	1	0	1	94	31.2	953	1	54	6	54.000	9.000	0.167	7.0	22.10
1440	40.5317	116.0599	-139.2	532	DN1	0	0	0	0	89	31.3	1025	14	34	38	2.429	0.895	0.368	7.0	22.11
1441	40.5313	116.0599	-136.7	517	DN1	0	1	0	0	95	31.1	956	13	50	-16	3.846	-3.125	-0.813	7.0	22.12
1442	40.5310	116.0599	-135.9	495	DN1	0	1	0	1	96	30.8	862	3	79	-23	26.333	-3.435	-0.130	6.9	22.12
1443	40.5306	116.0599	-134.7	497	DN1	0	1	0	1	99	30.8	937	2	53	4	26.500	13.250	0.500	7.0	22.12
1444	40.5303	116.0598	-132.7	509	DN1	0	1	0	1	100	31.0	940	6	23	9	3.833	2.556	0.667	6.9	22.12
1445	40.5299	116.0598	-131.0	540	DN1	0	0	1	1	96	31.5	904	5	15	18	3.000	0.833	0.278	6.8	22.12
1446	40.5296	116.0598	-129.1	562	DN1	0	1	1	0	108	31.8	979	12	9	15	0.750	0.600	0.800	6.9	22.12
1447	40.5292	116.0598	-126.8	547	DN1	0	1	0	1	109	31.5	936	6	31	8	5.167	3.875	0.750	6.9	22.14
1448	40.5288	116.0597	-124.9	535	DN1	0	1	0	0	88	31.4	932	14	47	-22	3.357	-2.136	-0.636	6.9	22.15
1449	40.5285	116.0597	-121.8	531	DN1	0	0	0	1	96	31.3	948	4	31	17	7.750	1.824	0.235	6.9	22.16
1450	40.5281	116.0597	-119.0	570	DN1	0	0	1	0	100	31.9	986	9	6	49	0.667	0.122	0.184	6.9	22.17
1451	40.5278	116.0597	-116.6	624	DN1	0	1	0	1	99	32.6	986	6	40	12	6.667	3.333	0.500	6.9	22.18
1452	40.5274	116.0597	-114.6	671	DN1	0	1	0	1	99	33.2	1134	6	91	-26	15.167	-3.500	-0.231	7.0	22.19
1453	40.5271	116.0596	-114.1	729	DN1	1	1	0	1	101	34.0	1165	7	38	16	5.429	2.375	0.438	7.0	22.21
1454	40.5267	116.0596	-110.7	785	DN1	1	1	0	1	90	34.6	1170	-3	86	16	-28.667	5.375	-0.188	7.1	22.23
1455	40.5264	116.0596	-109.2	852	DN1	1	0	1	1	105	35.3	1249	-5	11	87	-2.200	0.126	-0.057	7.2	22.24
1456	40.5260	116.0596	-105.6	932	DN1	1	1	0	1	94	36.1	1296	-11	76	25	-6.909	3.040	-0.440	7.2	22.26
1457	40.5256	116.0596	-102.5	955	DN1	1	1	0	0	100	36.4	1462	20	79	-40	3.950	-1.975	-0.500	7.3	22.29
1458	40.5253	116.0595	-98.8	957	DN1	1	0	0	0	95	23.6	1394	17	44	54	2.588	0.815	0.315	7.3	22.30
1459	40.5249	116.0595	-96.4	920	DN1	1	0	0	1	98	23.4	1290	-2	45	54	-22.500	0.833	-0.037	7.3	22.32
1460	40.5246	116.0595	-94.3	822	DN1	1	0	0	0	93	22.7	1221	19	42	46	2.211	0.913	0.413	7.3	22.33
1461	40.5242	116.0595	-92.1	737	DN1	1	0	0	1	97	22.1	1153	-9	72	23	-8.000	3.130	-0.391	7.3	22.35
1462	40.5239	116.0594	-89.0	725	DN1	1	0	0	1	92	22.0	1185	9	88	30	9.778	2.933	0.300	7.3	22.36
1463	40.5235	116.0594	-84.3	724	DN1	1	1	0	0	101	22.0	1195	16	29	20	1.813	1.450	0.800	7.4	22.37
1464	40.5231	116.0594	-81.0	762	DN1	1	0	0	0	86	22.3	1301	20	38	27	1.900	1.407	0.741	7.4	22.40
1465	40.5228	116.0594	-77.8	766	DN1	1	0	0	1	83	22.3	1223	7	49	32	7.000	1.531	0.219	7.3	22.42
1466	40.5224	116.0594	-74.9	795	DN1	1	0	0	0	97	22.5	1321	27	30	45	1.111	0.667	0.600	7.4	22.45
1467	40.5221	116.0593	-73.2	799	DN1	1	0	0	0	91	22.5	1291	24	51	36	2.125	1.417	0.667	7.4	22.46
1468	40.5217	116.0593	-70.2	833	DN1	1	0	1	0	97	22.8	1290	18	-20	92	-1.111	-0.217	0.196	7.4	22.47
1469	40.5214	116.0593	-67.5	839	DN1	1	1	0	0	90	22.8	1473	26	76	6	2.923	12.667	4.333	7.4	22.48
1470	40.5210	116.0593	-66.7	878	DN1	1	0	0	0	98	23.1	1487	28	80	53	2.857	1.509	0.528	7.5	22.50
1471	40.5207	116.0593	-64.6	898	DN1	1	0	0	1	97	23.2	1390	10	35	63	3.500	0.556	0.159	7.5	22.52
1472	40.5203	116.0592	-64.1	903	DN1	1	0	0	0	85	23.3	1492	22	48	120	2.182	0.400	0.183	7.5	22.53
1473	40.5199	116.0592	-63.5	858	DN1	1	0	0	0	90	23.0	1421	19	59	66	3.105	0.874	0.288	7.5	22.54
1474	40.5196	116.0592	-63.4	818	DN1	1	1	0	0	91	22.7	1511	20	111	-4	5.550	-27.750	-5.000	7.5	22.56
1475	40.5192	116.0592	-61.5	791	DN1	1	0	0	0	76	22.5	1555	27	53	55	1.963	0.964	0.491	7.6	22.58
1476	40.5189	116.0591	-60.0	760	DN1	1	0	0	0	84	22.3	1444	15	50	85	3.333	0.588	0.176	7.6	22.60
1477	40.5185	116.0591	-60.5	745	DN1	1	1	0	0	88	12.7	1408	39	71	18	1.821	3.944	2.167	7.6	22.62
1478	40.5182	116.0591	-58.3	739	DN1	1	0	0	0	88	12.6	1451	11	90	48	8.182	1.875	0.229	7.7	22.64
1479	40.5178	116.0591	-58.2	728	DN1	1	0	0	0	86	12.6	1372	39	35	59	0.897	0.593	0.661	7.7	22.66
1480	40.5174	116.0591	-58.1	726	DN1	1	0	1	0	86	12.6	1288	33	18	69	0.545	0.261	0.478	7.8	22.68

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1481	40.5171	116.0590	-58.2	721	DN1	1	1	0	0	92	12.6	1283	30	81	20	2.700	4.050	1.500	7.8	22.70
1482	40.5167	116.0590	-57.9	726	DN1	1	0	0	0	81	12.6	1273	32	73	41	2.281	1.780	0.780	7.8	22.71
1483	40.5164	116.0590	-58.3	722	DN1	1	0	0	0	98	12.6	1316	28	39	40	1.393	0.975	0.700	7.9	22.73
1484	40.5160	116.0590	-57.1	751	DN1	1	0	0	0	81	12.7	1262	18	58	50	3.222	1.160	0.360	8.0	22.75
1485	40.5157	116.0590	-57.8	761	DN1	1	0	0	0	91	12.7	1214	21	43	51	2.048	0.843	0.412	8.0	22.76
1486	40.5153	116.0589	-57.6	761	DN1	1	1	0	0	82	12.7	1251	11	65	23	5.909	2.826	0.478	8.1	22.78
1487	40.5150	116.0589	-57.6	747	DN1	1	0	1	0	86	12.7	1184	17	8	56	0.471	0.143	0.304	8.2	22.80
1488	40.5146	116.0589	-56.4	746	DN1	1	0	1	0	84	12.7	1231	27	18	30	0.667	0.600	0.900	8.3	22.81
1489	40.5142	116.0589	-56.4	747	DN1	1	1	0	0	83	12.7	1265	14	93	0	6.643	93.000	14.000	8.3	22.82
1490	40.5139	116.0588	-56.7	754	DN1	1	1	0	0	92	12.7	1284	20	40	19	2.000	2.105	1.053	8.4	22.83
1491	40.5135	116.0588	-56.9	764	DN1	1	0	0	0	94	12.7	1341	13	55	50	4.231	1.100	0.260	8.4	22.85
1492	40.5132	116.0588	-57.6	746	DN1	1	0	0	0	83	12.7	1464	33	36	98	1.091	0.367	0.337	8.5	22.87
1493	40.5128	116.0588	-57.0	735	DN1	1	1	0	0	80	12.6	1389	26	111	0	4.269	111.000	26.000	8.7	22.89
1494	40.5125	116.0588	-56.7	722	DN1	1	1	0	0	87	12.6	1565	18	135	7	7.500	19.286	2.571	8.7	22.92
1495	40.5121	116.0587	-57.9	702	DN1	1	0	0	0	77	12.5	1506	35	102	39	2.914	2.615	0.897	8.8	22.94
1496	40.5118	116.0587	-58.2	680	DN1	0	0	0	0	79	22.7	1663	22	93	126	4.227	0.738	0.175	8.8	22.97
1497	40.5114	116.0587	-58.8	643	DN1	0	0	0	0	87	22.4	1655	39	95	67	2.436	1.418	0.582	8.8	22.99
1498	40.5110	116.0587	-58.4	603	DN1	0	0	0	0	85	22.0	1620	53	30	112	0.566	0.268	0.473	8.9	23.02
1499	40.5107	116.0587	-60.7	578	DN1	0	0	0	0	84	21.8	1737	33	97	116	2.939	0.836	0.284	9.0	23.03
1500	40.5103	116.0586	-60.5	605	DN1	0	0	0	0	84	22.0	1877	20	125	160	6.250	0.781	0.125	9.0	23.06
1501	40.5100	116.0586	-61.8	616	DN1	0	0	0	0	88	22.2	1964	49	139	116	2.837	1.198	0.422	9.0	23.07
1502	40.5096	116.0586	-62.5	657	DN1	0	0	0	0	84	22.5	2142	28	85	209	3.036	0.407	0.134	9.1	23.07
1503	40.5093	116.0586	-63.0	664	DN1	0	0	0	0	79	22.6	2079	52	57	159	1.096	0.358	0.327	9.1	23.11
1504	40.5089	116.0586	-64.4	715	DN1	1	0	0	0	84	23.0	2207	57	94	164	1.649	0.573	0.348	9.1	23.14
1505	40.5085	116.0585	-65.7	744	DN1	1	0	0	0	86	23.3	2211	64	72	171	1.125	0.421	0.374	9.0	23.17
1506	40.5082	116.0585	-67.2	750	DN1	1	0	0	0	87	23.3	2269	55	144	129	2.618	1.116	0.426	9.0	23.19
1507	40.5078	116.0585	-68.1	743	DN1	1	0	0	0	81	23.2	2227	49	114	147	2.327	0.776	0.333	9.0	23.21
1508	40.5075	116.0585	-68.6	748	DN1	1	0	0	0	76	23.3	2275	64	106	168	1.656	0.631	0.381	9.0	23.22
1509	40.5071	116.0584	-69.8	755	DN1	1	0	0	0	83	23.3	2282	75	100	187	1.333	0.535	0.401	9.0	23.24
1510	40.5068	116.0584	-71.0	773	DN1	1	0	0	0	75	23.5	2388	29	204	169	7.034	1.207	0.172	9.1	23.26
1511	40.5064	116.0584	-72.2	753	QA2	1	0	0	0	78	23.3	2323	63	169	111	2.683	1.523	0.568	9.0	23.27
1512	40.5060	116.0584	-74.6	708	QA2	1	0	0	0	82	23.0	2173	63	185	124	2.937	1.492	0.508	9.0	23.28
1513	40.5056	116.0584	-75.6	620	QA2	0	0	0	0	86	22.2	2157	54	128	149	2.370	0.859	0.362	9.1	23.29
1514	40.5052	116.0584	-78.9	506	QA2	0	0	0	0	82	21.1	1966	44	145	100	3.295	1.450	0.440	9.1	23.30
1515	40.5048	116.0584	-78.3	456	QA2	0	0	0	0	79	39.5	1909	56	95	113	1.696	0.841	0.496	9.1	23.31
1516	40.5044	116.0583	-76.9	424	QA2	0	0	0	0	86	38.8	1886	48	105	125	2.188	0.840	0.384	9.1	23.32
1517	40.5040	116.0583	-74.8	411	QA2	0	0	0	0	72	38.5	1893	64	61	137	0.953	0.445	0.467	9.2	23.32
1518	40.5036	116.0583	-74.1	401	QA2	0	0	0	0	82	38.3	2005	55	91	156	1.655	0.583	0.353	9.1	23.34
1519	40.5032	116.0583	-71.7	395	QA2	0	0	0	0	84	38.1	2063	54	140	121	2.593	1.157	0.446	9.1	23.35
1520	40.5028	116.0583	-71.3	390	QA2	0	0	0	0	74	38.0	2111	57	110	172	1.930	0.640	0.331	9.1	23.36
1521	40.5024	116.0583	-71.1	383	QA2	0	0	0	0	79	37.9	1958	54	73	188	1.352	0.388	0.287	9.1	23.36
1522	40.5020	116.0583	-70.9	382	QA2	0	0	0	0	82	37.8	2022	55	134	111	2.436	1.207	0.495	9.1	23.37
1523	40.5016	116.0583	-70.8	368	QA2	0	0	0	0	80	37.5	1941	55	133	129	2.418	1.031	0.426	9.1	23.38
1524	40.5012	116.0583	-72.4	362	QA2	0	0	0	0	72	37.4	1996	59	122	167	2.068	0.731	0.353	9.2	23.39
1525	40.5008	116.0582	-74.2	361	QA2	0	0	0	0	87	37.4	2232	63	55	199	0.873	0.276	0.317	9.2	23.40
1526	40.5004	116.0582	-74.6	352	QA2	0	0	0	0	84	37.1	1918	46	96	166	2.087	0.578	0.277	9.1	23.41
1527	40.5000	116.0582	-75.3	364	QA2	0	0	0	0	76	37.4	2096	37	149	151	4.027	0.937	0.245	9.1	23.41
1528	40.4996	116.0582	-76.7	401	QA2	0	0	0	0	81	38.3	2060	42	158	138	3.762	1.145	0.304	9.1	23.41
1529	40.4992	116.0582	-79.8	396	QA2	0	0	0	0	74	38.2	2065	55	109	165	1.982	0.661	0.333	9.1	23.41
1530	40.4988	116.0582	-79.8	368	QA2	0	0	0	0	79	37.5	2109	43	158	158	3.674	1.000	0.272	9.1	23.43
1531	40.4984	116.0582	-80.8	349	QA2	0	0	0	0	71	37.1	1934	65	56	193	0.862	0.290	0.337	9.0	23.43
1532	40.4980	116.0582	-81.6	349	QA2	0	0	0	0	78	37.1	2032	52	62	208	1.192	0.298	0.250	9.0	23.43
1533	40.4976	116.0581	-82.0	334	QA2	0	0	0	0	78	36.7	2104	57	104	162	1.825	0.642	0.352	8.9	23.44
1534	40.4972	116.0581	-83.6	328	QA2	0	0	0	0	76	42.9	2114	52	96	191	1.846	0.503	0.272	8.9	23.45

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1535	40.4968	116.0581	-84.7	321	QA2	0	0	0	0	74	42.7	2218	58	70	197	1.207	0.355	0.294	8.9	23.46
1536	40.4964	116.0581	-86.6	306	QA2	0	0	0	0	71	42.3	2125	50	212	138	4.240	1.536	0.362	8.8	23.47
1537	40.4960	116.0581	-87.2	300	QA2	0	0	0	0	87	42.1	2060	52	117	155	2.250	0.755	0.335	8.8	23.48
1538	40.4956	116.0581	-89.0	296	QA2	0	0	0	0	78	42.0	2091	62	147	144	2.371	1.021	0.431	8.7	23.48
1539	40.4952	116.0581	-89.6	285	QA2	0	0	0	0	70	41.6	2079	51	113	195	2.216	0.579	0.262	8.6	23.50
1540	40.4948	116.0581	-90.5	272	QA2	0	0	0	0	83	41.2	2186	72	147	137	2.042	1.073	0.526	8.6	23.50
1541	40.4944	116.0580	-90.3	262	QA2	0	0	0	0	79	40.9	2207	64	109	205	1.703	0.532	0.312	8.5	23.51
1542	40.4940	116.0580	-90.5	254	QA2	0	0	0	0	74	40.7	2298	58	178	156	3.069	1.141	0.372	8.5	23.52
1543	40.4936	116.0580	-89.3	245	QA2	0	0	0	0	79	40.4	2302	61	154	181	2.525	0.851	0.337	8.4	23.52
1544	40.4932	116.0580	-91.1	244	QA2	0	0	0	0	74	40.4	2158	56	95	239	1.696	0.397	0.234	8.3	23.53
1545	40.4928	116.0580	-91.3	256	QA2	0	0	0	0	84	40.8	2027	57	72	214	1.263	0.336	0.266	8.2	23.53
1546	40.4924	116.0580	-94.3	255	QA2	0	0	0	0	80	40.7	2117	66	112	202	1.697	0.554	0.327	8.2	23.52
1547	40.4920	116.0580	-93.9	249	QA2	0	0	0	0	80	40.5	2084	74	78	160	1.054	0.488	0.462	8.2	23.53
1548	40.4916	116.0580	-93.4	254	QA2	0	0	0	0	74	40.7	2146	45	155	200	3.444	0.775	0.225	8.2	23.53
1549	40.4912	116.0579	-95.0	254	QA2	0	0	0	0	73	40.7	2197	66	142	209	2.152	0.679	0.316	8.2	23.53
1550	40.4908	116.0579	-93.8	252	QA2	0	0	0	0	81	40.7	2148	69	130	172	1.884	0.756	0.401	8.2	23.53
1551	40.4904	116.0579	-95.5	257	QA2	0	0	0	0	81	40.8	2255	58	144	180	2.483	0.800	0.322	8.2	23.53
1552	40.4900	116.0579	-96.7	262	QA2	0	0	0	0	72	40.9	2150	66	86	184	1.303	0.467	0.359	8.2	23.54
1553	40.4896	116.0579	-98.3	263	QA2	0	0	0	0	79	43.1	2179	67	125	186	1.866	0.672	0.360	8.2	23.54
1554	40.4892	116.0579	-98.3	264	QA2	0	0	0	0	78	43.2	2173	61	124	189	2.033	0.656	0.323	8.1	23.54
1555	40.4888	116.0579	-97.3	269	QA2	0	0	0	0	79	43.3	2127	63	188	145	2.984	1.297	0.434	8.1	23.54
1556	40.4884	116.0579	-98.3	271	QA2	0	0	0	0	80	43.4	2095	66	70	194	1.061	0.361	0.340	8.1	23.54
1557	40.4880	116.0578	-99.3	275	QA2	0	0	0	0	75	43.5	2130	73	126	178	1.726	0.708	0.410	8.2	23.55
1558	40.4876	116.0578	-100.3	277	QA2	0	0	0	0	78	43.6	2091	55	121	213	2.200	0.568	0.258	8.1	23.55
1559	40.4872	116.0578	-100.9	272	QA2	0	0	0	0	88	43.4	2132	50	151	168	3.020	0.899	0.298	8.2	23.55
1560	40.4868	116.0578	-101.2	277	QA2	0	0	0	0	84	43.6	2126	66	118	163	1.788	0.724	0.405	8.2	23.55
1561	40.4864	116.0578	-103.6	286	QA2	0	0	0	0	74	43.8	2164	53	164	183	3.094	0.896	0.290	8.2	23.55
1562	40.4860	116.0578	-104.1	295	QA2	0	0	0	0	80	44.1	2083	55	75	195	1.364	0.385	0.282	8.1	23.55
1563	40.4856	116.0578	-105.3	302	QA2	0	0	0	0	77	44.3	2089	57	164	158	2.877	1.038	0.361	8.1	23.55
1564	40.4852	116.0578	-105.3	306	QA2	0	0	0	0	88	44.5	2017	57	94	166	1.649	0.566	0.343	8.0	23.55
1565	40.4848	116.0577	-105.3	310	QA2	0	0	0	0	79	44.6	2175	63	115	199	1.825	0.578	0.317	8.0	23.55
1566	40.4844	116.0577	-106.8	314	QA2	0	0	0	0	80	44.7	2207	46	176	179	3.826	0.983	0.257	8.0	23.56
1567	40.4840	116.0577	-107.1	315	QA2	0	0	0	0	79	44.7	2244	59	156	160	2.644	0.975	0.369	8.0	23.56
1568	40.4836	116.0577	-106.4	317	QA2	0	0	0	0	87	44.8	2115	60	123	163	2.050	0.755	0.368	7.9	23.56
1569	40.4832	116.0577	-107.3	323	QA2	0	0	0	0	73	45.0	2097	67	111	160	1.657	0.694	0.419	8.0	23.56
1570	40.4828	116.0577	-108.6	329	QA2	0	0	0	0	76	45.2	2081	53	100	212	1.887	0.472	0.250	7.9	23.56
1571	40.4824	116.0577	-109.1	337	QA2	0	0	0	0	73	45.4	2103	67	104	136	1.552	0.765	0.493	7.9	23.55
1572	40.4820	116.0577	-110.3	347	QA2	0	0	0	0	80	39.9	2040	41	151	165	3.683	0.915	0.248	7.8	23.56
1573	40.4816	116.0576	-110.9	356	QA2	0	0	0	0	78	40.2	1950	44	144	154	3.273	0.935	0.286	7.9	23.55
1574	40.4812	116.0576	-111.8	372	QA2	0	0	0	0	78	40.6	2056	52	124	142	2.385	0.873	0.366	7.9	23.55
1575	40.4808	116.0576	-112.6	374	QA2	0	0	0	0	75	40.6	1855	55	104	132	1.891	0.788	0.417	7.9	23.55
1576	40.4805	116.0576	-113.6	376	QA2	0	0	0	0	74	40.7	1929	69	49	157	0.710	0.312	0.439	7.9	23.54
1577	40.4801	116.0576	-113.6	387	QA2	0	0	1	0	85	41.0	1840	63	21	156	0.333	0.135	0.404	7.8	23.54
1578	40.4797	116.0576	-115.9	414	QA2	0	0	0	0	76	41.6	1850	42	167	89	3.976	1.876	0.472	7.9	23.54
1579	40.4793	116.0576	-114.8	435	QA2	0	0	0	0	74	42.1	1975	43	104	156	2.419	0.667	0.276	7.9	23.55
1580	40.4789	116.0576	-116.3	438	QA2	0	0	0	0	90	42.2	2002	50	31	191	0.620	0.162	0.262	7.9	23.56
1581	40.4785	116.0575	-117.7	417	QA2	0	0	0	0	78	41.7	1859	41	144	113	3.512	1.274	0.363	7.9	23.56
1582	40.4781	116.0575	-120.0	387	QA2	0	0	0	0	82	41.0	1677	24	109	160	4.542	0.681	0.150	7.9	23.56
1583	40.4777	116.0575	-121.8	383	QA2	0	0	0	0	82	40.9	1642	25	125	120	5.000	1.042	0.208	7.9	23.57
1584	40.4773	116.0575	-121.9	416	QA2	0	0	0	0	74	41.6	1878	45	70	109	1.556	0.642	0.413	8.0	23.57
1585	40.4769	116.0575	-121.7	469	QA2	0	0	0	0	80	42.9	1820	25	93	170	3.720	0.547	0.147	7.9	23.58
1586	40.4765	116.0575	-123.6	490	QA2	0	0	0	0	72	43.3	1896	41	121	86	2.951	1.407	0.477	7.8	23.58
1587	40.4761	116.0575	-125.6	493	QA2	0	0	0	0	81	43.4	1906	47	74	133	1.574	0.556	0.353	7.9	23.58
1588	40.4757	116.0575	-127.3	499	QA2	0	0	0	0	80	43.6	1855	47	108	121	2.298	0.893	0.388	7.8	23.59

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1589	40.4753	116.0574	-128.1	529	QA2	0	0	0	0	81	44.2	1787	28	133	92	4.750	1.446	0.304	7.8	23.59
1590	40.4749	116.0574	-129.8	564	QTS	0	0	0	0	76	44.9	1923	46	119	120	2.587	0.992	0.383	7.8	23.59
1591	40.4744	116.0574	-131.9	585	QTS	0	0	0	0	76	36.5	1824	34	111	92	3.265	1.207	0.370	7.8	23.59
1592	40.4739	116.0574	-133.4	611	QTS	0	0	0	0	78	36.9	1937	47	137	96	2.915	1.427	0.490	7.8	23.59
1593	40.4735	116.0575	-135.4	617	QTS	0	0	0	0	80	37.0	1851	37	54	157	1.459	0.344	0.236	7.9	23.59
1594	40.4730	116.0575	-138.4	611	QTS	0	0	0	0	71	36.9	1856	51	94	132	1.843	0.712	0.386	7.9	23.59
1595	40.4726	116.0575	-140.5	599	QTS	0	0	0	0	71	36.7	1889	42	111	141	2.643	0.787	0.298	7.9	23.59
1596	40.4721	116.0575	-142.4	578	QTS	0	0	0	0	82	36.4	1799	44	99	89	2.250	1.112	0.494	8.0	23.59
1597	40.4716	116.0575	-144.3	563	QTS	0	0	0	0	78	36.1	1939	27	109	157	4.037	0.694	0.172	8.0	23.59
1598	40.4712	116.0575	-147.1	533	QTS	0	0	0	0	70	35.6	1845	25	187	100	7.480	1.870	0.250	8.0	23.59
1599	40.4707	116.0575	-147.9	521	QTS	0	0	0	0	78	35.4	1917	40	123	81	3.075	1.519	0.494	8.0	23.58
1600	40.4703	116.0575	-148.3	511	QTS	0	0	0	0	78	35.3	1899	40	110	130	2.750	0.846	0.308	7.9	23.58
1601	40.4698	116.0575	-148.9	486	QTS	0	0	0	0	84	34.8	1927	42	185	64	4.405	2.891	0.656	7.8	23.58
1602	40.4693	116.0575	-151.1	439	QTS	0	0	0	0	70	34.0	1944	56	155	97	2.768	1.598	0.577	7.8	23.58
1603	40.4689	116.0575	-151.1	413	QTS	0	0	0	0	78	33.5	1937	54	77	154	1.426	0.500	0.351	7.8	23.58
1604	40.4684	116.0575	-151.1	410	QTS	0	0	0	0	91	33.4	1879	50	126	103	2.520	1.223	0.485	7.8	23.58
1605	40.4680	116.0575	-151.9	408	QTS	0	0	0	0	79	33.4	1933	55	61	194	1.109	0.314	0.284	7.8	23.59
1606	40.4675	116.0575	-154.4	406	QTS	0	0	0	0	73	33.3	2055	63	91	169	1.444	0.538	0.373	7.8	23.59
1607	40.4670	116.0575	-155.6	405	QTS	0	0	0	0	74	33.3	1995	55	30	202	0.545	0.149	0.272	7.8	23.60
1608	40.4666	116.0575	-155.6	402	QTS	0	0	0	0	75	33.3	1954	59	79	143	1.339	0.552	0.413	7.7	23.60
1609	40.4661	116.0575	-157.4	400	QTS	0	0	1	0	75	33.2	1940	63	27	189	0.429	0.143	0.333	7.7	23.61
1610	40.4656	116.0575	-158.9	398	QTSU	0	0	0	0	82	30.9	1910	41	109	151	2.659	0.722	0.272	7.6	23.61
1611	40.4652	116.0575	-160.4	403	QTSU	0	0	0	0	73	31.0	1889	50	102	132	2.040	0.773	0.379	7.6	23.61
1612	40.4647	116.0576	-163.0	418	QTSU	0	0	0	0	70	31.3	1672	36	112	120	3.111	0.933	0.300	7.6	23.61
1613	40.4643	116.0576	-163.9	433	QTSU	0	0	0	0	78	31.6	1643	26	135	99	5.192	1.364	0.263	7.6	23.61
1614	40.4638	116.0576	-164.6	462	QTSU	0	0	0	0	71	32.1	1669	33	123	95	3.727	1.295	0.347	7.7	23.61
1615	40.4633	116.0576	-167.6	493	QTSU	0	0	0	0	83	32.6	1601	36	109	97	3.028	1.124	0.371	7.7	23.62
1616	40.4629	116.0576	-170.3	499	QTSU	0	0	0	0	73	32.7	1627	49	71	105	1.449	0.676	0.467	7.7	23.62
1617	40.4624	116.0576	-170.0	505	QTSU	0	0	0	0	74	32.8	1625	37	83	106	2.243	0.783	0.349	7.7	23.62
1618	40.4620	116.0576	-175.6	552	QTSU	0	0	0	0	79	33.5	1650	27	89	108	3.296	0.824	0.250	7.8	23.62
1619	40.4615	116.0576	-177.6	579	QTSU	0	0	0	0	66	33.9	1654	37	104	70	2.811	1.486	0.529	7.8	23.62
1620	40.4610	116.0576	-177.2	575	QTS	0	0	0	0	77	33.9	1641	27	99	105	3.667	0.943	0.257	7.7	23.61
1621	40.4606	116.0576	-178.4	578	QTS	0	0	0	0	84	33.9	1623	31	120	51	3.871	2.353	0.608	7.7	23.61
1622	40.4601	116.0576	-180.0	596	QTS	0	0	0	0	74	34.2	1695	31	118	84	3.806	1.405	0.369	7.8	23.61
1623	40.4597	116.0576	-178.5	620	QTS	0	0	0	0	70	34.5	1696	49	87	108	1.776	0.806	0.454	7.9	23.62
1624	40.4592	116.0576	-181.0	630	QTS	0	0	0	0	80	34.7	1745	45	49	132	1.089	0.371	0.341	7.9	23.63
1625	40.4587	116.0576	-181.1	640	QTS	0	0	0	0	87	34.8	1720	29	153	129	5.276	1.186	0.225	7.9	23.63
1626	40.4583	116.0576	-182.1	636	QTS	0	0	1	0	78	34.8	1707	69	1	142	0.014	0.007	0.486	7.9	23.63
1627	40.4578	116.0576	-184.0	620	QTS	0	0	0	0	69	34.5	1756	59	93	97	1.576	0.959	0.608	7.9	23.64
1628	40.4574	116.0576	-185.2	603	QTS	0	0	0	0	78	34.3	1786	49	73	98	1.490	0.745	0.500	8.0	23.63
1629	40.4569	116.0576	-186.3	503	QTS	0	0	0	0	77	30.2	1540	42	116	61	2.762	1.902	0.689	7.9	23.63
1630	40.4564	116.0577	-189.2	510	MC	0	0	0	0	75	30.3	1670	35	97	91	2.771	1.066	0.385	7.9	23.63
1631	40.4560	116.0577	-190.8	558	MC	0	0	0	0	78	31.0	1577	46	28	120	0.609	0.233	0.383	7.8	23.63
1632	40.4555	116.0577	-191.3	619	MC	0	0	0	0	83	31.8	1732	42	28	104	0.667	0.269	0.404	7.8	23.63
1633	40.4551	116.0577	-193.8	654	MC	0	0	0	0	76	32.3	1700	24	88	131	3.667	0.672	0.183	7.8	23.63
1634	40.4547	116.0576	-196.9	664	MC	0	0	0	0	74	32.4	1860	57	95	154	1.667	0.617	0.370	7.8	23.63
1635	40.4542	116.0576	-198.5	593	MC	0	0	0	0	61	31.5	2021	55	121	139	2.200	0.871	0.396	7.8	23.63
1636	40.4538	116.0576	-200.6	526	MC	0	0	0	0	84	30.5	1809	44	129	97	2.932	1.330	0.454	7.9	23.63
1637	40.4534	116.0576	-201.4	493	MC	0	0	0	0	70	30.0	1852	45	69	136	1.533	0.507	0.331	8.0	23.63
1638	40.4529	116.0576	-201.3	445	MC	0	0	0	0	82	29.3	1754	52	68	121	1.308	0.562	0.430	8.0	23.63
1639	40.4525	116.0576	-202.2	429	MC	0	0	0	0	79	29.0	1977	50	165	113	3.300	1.460	0.442	8.0	23.63
1640	40.4521	116.0576	-202.5	428	MC	0	0	0	0	79	29.0	2006	59	103	131	1.746	0.786	0.450	8.1	23.63
1641	40.4517	116.0576	-203.8	429	MC	0	0	0	0	72	29.0	2119	61	134	178	2.197	0.753	0.343	8.1	23.63
1642	40.4512	116.0576	-206.5	432	MC	0	0	0	0	80	29.1	2227	39	167	171	4.282	0.977	0.228	8.1	23.63

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1643	40.4508	116.0576	-207.5	434	MC	0	0	0	0	76	29.1	2132	59	66	184	1.119	0.359	0.321	8.1	23.63
1644	40.4504	116.0576	-208.2	442	MC	0	0	0	0	83	29.2	2097	64	73	175	1.141	0.417	0.366	8.1	23.63
1645	40.4500	116.0576	-209.2	443	QA2	0	0	0	0	68	29.2	2071	71	45	198	0.634	0.227	0.359	8.0	23.63
1646	40.4495	116.0576	-208.9	454	QA2	0	0	0	0	90	29.4	2192	61	78	200	1.279	0.390	0.305	8.1	23.62
1647	40.4491	116.0576	-208.8	469	QA2	0	0	0	0	81	29.7	2051	65	47	224	0.723	0.210	0.290	8.0	23.61
1648	40.4487	116.0575	-208.2	480	QA2	0	0	0	0	71	34.5	1907	60	44	147	0.733	0.299	0.408	8.0	23.61
1649	40.4482	116.0575	-208.0	485	QA2	0	0	0	0	73	34.5	1996	37	159	133	4.297	1.195	0.278	7.9	23.60
1650	40.4478	116.0575	-208.0	481	QA2	0	0	0	0	80	34.5	2027	57	77	146	1.351	0.527	0.390	7.9	23.60
1651	40.4474	116.0575	-207.8	474	QA2	0	0	0	0	67	34.4	1916	71	116	107	1.634	1.084	0.664	8.0	23.60
1652	40.4470	116.0575	-206.9	474	QA2	0	0	0	0	73	34.3	1984	57	118	149	2.070	0.792	0.383	8.1	23.60
1653	40.4465	116.0575	-207.4	472	QA2	0	0	0	0	78	34.3	2049	47	82	171	1.745	0.480	0.275	8.1	23.60
1654	40.4461	116.0575	-209.9	471	QA2	0	0	0	0	82	34.3	1905	38	145	107	3.816	1.355	0.355	8.1	23.60
1655	40.4457	116.0575	-211.4	480	QA2	0	0	0	0	80	34.5	1941	46	97	130	2.109	0.746	0.354	8.0	23.60
1656	40.4453	116.0575	-213.5	493	QA2	0	0	0	0	78	34.7	1915	43	153	103	3.558	1.485	0.417	8.1	23.61
1657	40.4448	116.0575	-215.5	476	QA2	0	0	0	0	80	34.4	1953	37	73	137	1.973	0.533	0.270	8.1	23.61
1658	40.4444	116.0575	-216.3	468	QA2	0	0	0	0	68	34.3	1906	56	99	122	1.768	0.811	0.459	8.2	23.60
1659	40.4440	116.0575	-216.0	471	QA2	0	0	0	0	77	34.3	1989	51	167	95	3.275	1.758	0.537	8.2	23.60
1660	40.4435	116.0575	-216.0	479	QA2	0	0	0	0	74	34.4	1846	72	61	126	0.847	0.484	0.571	8.3	23.60
1661	40.4431	116.0575	-215.0	479	QA2	0	0	0	0	70	34.5	1943	52	71	174	1.365	0.408	0.299	8.3	23.60
1662	40.4427	116.0574	-215.8	468	IPMDC	0	0	0	0	80	34.3	1881	34	99	139	2.912	0.712	0.245	8.3	23.60
1663	40.4423	116.0574	-216.5	485	IPMDC	0	0	0	0	78	34.6	1984	50	123	114	2.460	1.079	0.439	8.4	23.60
1664	40.4418	116.0574	-216.7	492	IPMDC	0	0	0	0	86	34.7	1875	46	58	146	1.261	0.397	0.315	8.4	23.59
1665	40.4414	116.0574	-219.1	471	IPMDC	0	0	0	0	72	34.3	1834	63	97	108	1.540	0.898	0.583	8.4	23.58
1666	40.4410	116.0574	-222.4	437	IPMDC	0	0	0	0	76	33.7	1817	33	82	175	2.485	0.469	0.189	8.5	23.58
1667	40.4406	116.0574	-223.6	418	IPMDC	0	0	0	0	71	31.1	1822	47	106	117	2.255	0.906	0.402	8.5	23.57
1668	40.4401	116.0574	-224.7	413	IPMDC	0	0	0	0	80	31.0	1728	22	99	137	4.500	0.723	0.161	8.5	23.56
1669	40.4397	116.0574	-225.5	406	IPMDC	0	0	0	0	75	30.9	1790	44	80	172	1.818	0.465	0.256	8.5	23.55
1670	40.4393	116.0574	-225.9	394	IPMDC	0	0	0	0	68	30.6	1670	43	107	116	2.488	0.922	0.371	8.5	23.55
1671	40.4388	116.0574	-225.7	391	IPMDC	0	0	0	0	83	30.6	1815	51	82	131	1.608	0.626	0.389	8.6	23.54
1672	40.4384	116.0574	-228.4	390	IPMDC	0	0	0	0	87	30.6	1604	41	113	77	2.756	1.468	0.532	8.6	23.53
1673	40.4380	116.0574	-227.3	402	IPMDC	0	0	1	0	72	30.8	1692	37	9	151	0.243	0.060	0.245	8.6	23.53
1674	40.4376	116.0574	-227.8	411	IPMDC	0	0	0	0	77	30.9	1593	49	33	119	0.673	0.277	0.412	8.5	23.52
1675	40.4371	116.0574	-228.5	422	IPMDC	0	0	0	0	74	31.2	1596	24	94	113	3.917	0.832	0.212	8.5	23.51
1676	40.4367	116.0573	-228.3	439	IPMDC	0	0	0	0	71	31.5	1681	33	127	100	3.848	1.270	0.330	8.6	23.51
1677	40.4363	116.0573	-228.7	458	IPMDC	0	0	0	0	80	31.8	1784	33	80	126	2.424	0.635	0.262	8.5	23.51
1678	40.4359	116.0573	-231.0	462	IPMDC	0	0	0	0	74	31.8	1884	52	66	135	1.269	0.489	0.385	8.6	23.50
1679	40.4354	116.0573	-230.5	423	IPMDC	0	0	0	0	76	31.2	1754	26	170	98	6.538	1.735	0.265	8.6	23.49
1680	40.4350	116.0573	-231.4	378	IPMDC	0	0	0	0	72	30.4	1680	35	117	89	3.343	1.315	0.393	8.6	23.49
1681	40.4346	116.0573	-231.3	337	IPMDC	0	0	0	0	77	29.6	1578	43	60	110	1.395	0.545	0.391	8.6	23.48
1682	40.4342	116.0573	-233.4	325	IPMDC	0	0	0	0	86	29.4	1399	16	137	65	8.563	2.108	0.246	8.6	23.47
1683	40.4337	116.0573	-230.9	360	IPMDC	0	0	0	0	74	30.0	1511	33	104	81	3.152	1.284	0.407	8.6	23.47
1684	40.4333	116.0573	-231.0	413	IPMDC	0	0	0	0	78	31.0	1519	40	73	87	1.825	0.839	0.460	8.6	23.47
1685	40.4329	116.0573	-230.9	457	IPMDC	0	0	0	0	75	31.8	1560	29	96	85	3.310	1.129	0.341	8.6	23.46
1686	40.4324	116.0573	-230.6	491	IPMDC	0	0	0	0	84	29.0	1654	41	90	86	2.195	1.047	0.477	8.7	23.46
1687	40.4320	116.0573	-228.7	515	IPMDC	0	0	0	0	78	29.4	1665	32	86	128	2.688	0.672	0.250	8.6	23.46
1688	40.4316	116.0573	-228.5	595	IPMDC	0	0	0	0	71	30.5	1764	19	97	132	5.105	0.735	0.144	8.6	23.45
1689	40.4312	116.0573	-227.5	691	IPMDC	0	0	0	0	77	31.7	1913	46	69	129	1.500	0.535	0.357	8.6	23.45
1690	40.4309	116.0573	-228.2	712	IPMDC	1	0	0	0	78	31.9	1929	49	89	95	1.816	0.937	0.516	8.6	23.45
1691	40.4305	116.0573	-229.9	631	IPMDC	0	0	0	0	79	30.9	1881	44	96	105	2.182	0.914	0.419	8.5	23.44
1692	40.4302	116.0573	-231.5	529	IPMDC	0	0	0	0	74	29.6	1802	32	127	116	3.969	1.095	0.276	8.5	23.43
1693	40.4298	116.0573	-229.7	483	IPMDC	0	0	0	0	87	28.9	1757	36	55	132	1.528	0.417	0.273	8.6	23.43
1694	40.4294	116.0573	-231.3	451	IPMDC	0	0	0	0	85	28.4	1762	42	87	103	2.071	0.845	0.408	8.6	23.42
1695	40.4291	116.0573	-232.3	430	IPMDC	0	0	0	0	73	28.1	1735	44	62	154	1.409	0.403	0.286	8.6	23.42
1696	40.4287	116.0573	-231.9	396	IPMDC	0	0	0	0	75	27.6	1692	45	70	164	1.556	0.427	0.274	8.6	23.40

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	Y	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1697	40.4284	116.0574	-232.9	360	IPMDC	0	0	0	0	89	26.9	1651	25	79	165	3.160	0.479	0.152	8.6	23.39
1698	40.4280	116.0574	-233.5	328	IPMDC	0	0	0	0	83	26.4	1548	25	160	81	6.400	1.975	0.309	8.6	23.38
1699	40.4276	116.0574	-233.3	295	IPMDC	0	0	0	0	79	25.8	1496	37	59	123	1.595	0.480	0.301	8.7	23.36
1700	40.4273	116.0574	-233.4	261	IPMDC	0	0	0	0	75	25.2	1494	38	68	125	1.789	0.544	0.304	8.8	23.35
1701	40.4269	116.0574	-232.9	240	IPMDC	0	0	0	0	77	24.8	1483	28	156	81	5.571	1.926	0.346	8.7	23.34
1702	40.4266	116.0574	-232.9	246	IPMDC	0	0	0	0	74	24.9	1500	25	141	79	5.640	1.785	0.316	8.8	23.33
1703	40.4262	116.0574	-230.0	270	IPMDC	0	0	0	0	67	25.3	1485	33	86	119	2.606	0.723	0.277	8.7	23.32
1704	40.4258	116.0574	-224.5	306	IPMDC	0	0	0	0	83	26.0	1574	42	82	119	1.952	0.689	0.353	8.7	23.31
1705	40.4255	116.0574	-225.0	320	IPMDC	0	0	0	0	86	26.9	1541	28	84	134	3.000	0.627	0.209	8.7	23.30
1706	40.4251	116.0575	-228.5	319	IPMDC	0	0	0	0	94	26.9	1602	21	121	114	5.762	1.061	0.184	8.7	23.29
1707	40.4248	116.0575	-232.9	304	IPMDC	0	0	1	0	88	26.7	1549	36	19	125	0.528	0.152	0.288	8.7	23.28
1708	40.4244	116.0575	-234.5	307	IPMDC	0	0	0	0	75	26.7	1508	29	50	123	1.724	0.407	0.236	8.7	23.28
1709	40.4241	116.0575	-235.8	333	IPMDC	0	0	0	0	73	27.2	1393	33	99	76	3.000	1.303	0.434	8.7	23.28
1710	40.4237	116.0575	-235.7	384	IPMDC	0	0	0	0	87	28.1	1462	29	74	99	2.552	0.747	0.293	8.7	23.27
1711	40.4233	116.0575	-234.8	439	IPMDC	0	0	0	0	90	29.0	1597	44	112	64	2.545	1.750	0.688	8.7	23.28
1713	40.4226	116.0575	-234.6	500	IPMDC	0	0	0	0	80	29.9	1798	46	47	129	1.022	0.364	0.357	8.7	23.29
1714	40.4223	116.0575	-234.6	566	IPMDC	0	0	0	0	79	30.9	1903	34	121	111	3.559	1.090	0.306	8.6	23.29
1715	40.4219	116.0576	-236.0	532	IPMDC	0	0	0	0	76	30.4	1767	30	47	196	1.567	0.240	0.153	8.5	23.30
1716	40.4215	116.0576	-236.5	535	IPMDC	0	0	0	0	79	30.4	1783	43	69	146	1.605	0.473	0.295	8.6	23.30
1717	40.4212	116.0576	-237.1	527	IPMDC	0	0	0	0	78	30.3	1783	27	90	127	3.333	0.709	0.213	8.6	23.30
1718	40.4208	116.0576	-235.9	499	IPMDC	0	0	0	0	77	29.9	1575	41	154	30	3.756	5.133	1.367	8.5	23.30
1719	40.4205	116.0576	-238.2	495	IPMDC	0	0	0	0	79	29.8	1690	44	78	108	1.773	0.722	0.407	8.5	23.30
1720	40.4201	116.0576	-238.4	505	IPMDC	0	0	0	0	75	30.0	1693	20	113	120	5.650	0.942	0.167	8.6	23.30
1721	40.4198	116.0576	-237.8	500	IPMDC	0	0	0	0	72	29.9	1763	30	103	147	3.433	0.701	0.204	8.5	23.30
1722	40.4194	116.0576	-238.9	492	IPMDC	0	0	0	0	91	29.8	1697	23	95	118	4.130	0.805	0.195	8.5	23.30
1723	40.4190	116.0576	-237.7	466	IPMDC	0	0	0	0	70	29.4	1680	29	130	91	4.483	1.429	0.319	8.5	23.29
1724	40.4187	116.0576	-239.7	433	IPMDC	0	0	0	0	82	28.9	1606	42	61	92	1.452	0.663	0.457	8.4	23.29
1725	40.4183	116.0577	-239.7	415	IPMDC	0	0	0	0	80	32.1	1490	34	42	124	1.235	0.339	0.274	8.4	23.29
1726	40.4180	116.0577	-240.2	420	IPMDC	0	0	0	0	75	32.2	1458	32	111	71	3.469	1.563	0.451	8.5	23.29
1727	40.4176	116.0577	-240.3	440	IPMDC	0	0	0	0	82	32.6	1583	31	87	143	2.806	0.608	0.217	8.5	23.29
1728	40.4172	116.0577	-240.6	470	IPMDC	0	0	0	0	87	33.1	1596	39	76	143	1.949	0.531	0.273	8.4	23.30
1729	40.4169	116.0577	-240.2	494	IPMDC	0	0	0	0	79	33.5	1773	48	58	134	1.208	0.433	0.358	8.4	23.30
1730	40.4165	116.0577	-239.8	500	IPMDC	0	0	0	0	81	33.6	1861	45	64	182	1.422	0.352	0.247	8.4	23.30
1731	40.4162	116.0577	-240.3	528	IPMDC	0	0	0	0	91	34.0	1767	28	83	110	2.964	0.755	0.255	8.4	23.30
1732	40.4158	116.0577	-241.1	563	IPMDC	0	0	0	0	88	34.6	1836	48	30	147	0.625	0.204	0.327	8.3	23.30
1733	40.4155	116.0577	-241.0	605	IPMDC	0	0	0	0	85	35.3	1901	45	101	141	2.244	0.716	0.319	8.3	23.29
1734	40.4151	116.0578	-240.0	618	IPMDC	0	0	0	0	88	35.4	1910	41	150	113	3.659	1.327	0.363	8.3	23.30
1735	40.4147	116.0578	-238.7	602	IPMDC	0	0	0	0	83	35.2	1938	44	54	177	1.227	0.305	0.249	8.3	23.30
1736	40.4144	116.0578	-241.0	536	IPMDC	0	0	0	0	72	34.2	1769	22	143	94	6.500	1.521	0.234	8.2	23.29
1737	40.4140	116.0578	-242.1	501	IPMDC	0	0	0	0	88	33.6	1680	22	117	114	5.318	1.026	0.193	8.2	23.29
1738	40.4137	116.0578	-242.6	451	IPMDC	0	0	0	0	81	32.7	1530	24	85	95	3.542	0.895	0.253	8.1	23.29
1739	40.4133	116.0578	-242.1	391	IPMDC	0	0	0	0	77	31.6	1422	43	89	75	2.070	1.187	0.573	8.1	23.30
1740	40.4129	116.0578	-241.1	369	IPMDC	0	0	0	0	78	31.2	1433	33	69	88	2.091	0.784	0.375	8.1	23.30
1741	40.4126	116.0578	-237.7	398	IPMDC	0	0	0	0	81	31.8	1494	35	71	80	2.029	0.888	0.438	8.1	23.30
1742	40.4122	116.0578	-238.4	438	IPMDC	0	0	0	0	73	32.5	1492	35	64	93	1.829	0.688	0.376	8.0	23.30
1743	40.4119	116.0579	-239.4	480	IPMDC	0	0	0	0	81	33.2	1685	22	98	130	4.455	0.754	0.169	8.0	23.29
1744	40.4115	116.0579	-241.5	494	IPMDC	0	0	0	0	75	36.0	1670	45	101	86	2.244	1.174	0.523	8.0	23.30
1745	40.4111	116.0579	-242.3	496	IPMDC	0	0	0	0	82	36.0	1591	34	142	55	4.176	2.582	0.618	7.9	23.30
1746	40.4108	116.0579	-242.1	499	IPMDC	0	0	0	0	96	36.0	1599	28	42	136	1.500	0.309	0.206	7.9	23.31
1747	40.4104	116.0579	-243.1	500	IPMDC	0	0	0	0	78	36.1	1676	45	28	133	0.622	0.211	0.338	7.9	23.31
1748	40.4101	116.0579	-242.3	523	IPMDC	0	0	0	0	85	36.5	1611	17	97	98	5.706	0.990	0.173	7.9	23.32
1749	40.4097	116.0579	-243.0	524	IPMDC	0	0	0	0	74	36.5	1609	31	69	107	2.226	0.645	0.290	7.8	23.32
1750	40.4094	116.0579	-244.3	590	IPMDC	0	0	0	0	87	37.6	1715	31	92	106	2.968	0.868	0.292	7.9	23.32
1751	40.4090	116.0579	-243.4	642	IPMDC	0	0	0	0	74	38.4	1955	26	56	199	2.154	0.281	0.131	7.9	23.33

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1752	40.4086	116.0580	-243.6	658	IPMDC	0	0	0	0	86	38.7	1892	31	32	195	1.032	0.164	0.159	7.8	23.34
1753	40.4083	116.0580	-243.6	663	IPMDC	0	0	1	0	88	38.7	1944	48	21	181	0.438	0.116	0.265	7.9	23.34
1754	40.4079	116.0580	-243.8	582	IPMDC	0	0	0	0	83	37.5	1880	31	120	142	3.871	0.845	0.218	7.9	23.35
1755	40.4076	116.0580	-245.4	514	IPMDC	0	0	1	0	87	36.3	1692	43	22	158	0.512	0.139	0.272	7.9	23.35
1756	40.4072	116.0580	-244.7	488	IPMDC	0	0	0	0	85	35.9	1796	56	101	118	1.804	0.856	0.475	7.9	23.36
1757	40.4068	116.0580	-245.5	456	IPMDC	0	0	0	0	88	35.2	1784	41	88	130	2.146	0.677	0.315	8.0	23.36
1758	40.4065	116.0580	-246.5	408	IPMDC	0	0	0	0	72	34.3	1686	45	55	120	1.222	0.458	0.375	7.9	23.37
1759	40.4061	116.0580	-245.6	371	IPMDC	0	0	0	0	88	33.6	1696	41	131	85	3.195	1.541	0.482	8.0	23.37
1760	40.4058	116.0580	-242.4	339	IPMDC	0	0	0	0	81	32.9	1645	43	87	101	2.023	0.861	0.426	7.9	23.38
1761	40.4054	116.0580	-239.4	320	IPMDC	0	0	1	0	91	32.5	1476	34	20	143	0.588	0.140	0.238	7.8	23.38
1762	40.4051	116.0581	-243.0	313	IPMDC	0	0	0	0	95	32.3	1466	37	77	100	2.081	0.770	0.370	7.8	23.38
1763	40.4047	116.0581	-244.2	320	IPMDC	0	0	0	0	84	37.7	1554	22	61	121	2.773	0.504	0.182	7.8	23.38
1764	40.4043	116.0581	-243.9	334	IPMDC	0	0	0	0	84	38.1	1588	48	74	121	1.542	0.612	0.397	7.8	23.38
1765	40.4040	116.0581	-243.5	354	IPMDC	0	0	0	0	75	38.6	1666	31	89	164	2.871	0.543	0.189	7.8	23.38
1766	40.4036	116.0581	-245.5	371	IPMDC	0	0	0	0	80	39.0	1679	34	108	96	3.176	1.125	0.354	7.8	23.38
1767	40.4033	116.0581	-246.1	393	IPMDC	0	0	0	0	82	39.5	1646	47	47	94	1.000	0.500	0.500	7.7	23.37
1768	40.4029	116.0581	-245.4	426	IPMDC	0	0	1	0	79	40.3	1680	69	27	111	0.391	0.243	0.622	7.7	23.37
1769	40.4025	116.0581	-245.6	462	IPMDC	0	0	0	0	81	41.1	1809	43	84	126	1.953	0.667	0.341	7.6	23.37
1770	40.4022	116.0581	-244.6	495	IPMDC	0	0	0	0	86	41.8	1877	36	99	139	2.750	0.712	0.259	7.6	23.38
1771	40.4018	116.0582	-245.0	488	IPMDC	0	0	0	0	79	41.7	1747	53	101	88	1.906	1.148	0.602	7.6	23.38
1772	40.4015	116.0582	-244.2	465	IPMDC	0	0	0	0	76	41.2	1817	45	95	127	2.111	0.748	0.354	7.6	23.37
1773	40.4011	116.0582	-244.2	442	IPMDC	0	0	0	0	97	40.7	1784	40	137	82	3.425	1.671	0.488	7.6	23.38
1774	40.4007	116.0582	-247.3	438	IPMDC	0	0	0	0	89	40.6	1697	36	133	61	3.694	2.180	0.590	7.6	23.38
1775	40.4004	116.0582	-246.2	452	IPMDC	0	0	0	0	86	40.9	1851	34	76	162	2.235	0.469	0.210	7.6	23.38
1776	40.4000	116.0582	-244.6	475	IPMDC	0	0	0	0	70	41.4	2042	61	44	155	0.721	0.284	0.394	7.6	23.39
1777	40.3997	116.0582	-245.4	474	IPMDC	0	0	0	0	83	41.4	1903	46	103	120	2.239	0.858	0.383	7.5	23.39
1778	40.3993	116.0582	-245.2	482	IPMDC	0	0	0	0	79	41.5	1936	59	153	60	2.593	2.550	0.983	7.5	23.38
1779	40.3990	116.0582	-245.6	491	IPMDC	0	0	0	0	78	41.7	1922	50	96	145	1.920	0.662	0.345	7.5	23.39
1780	40.3986	116.0583	-246.4	495	IPMDC	0	0	0	0	82	41.8	2133	59	132	119	2.237	1.109	0.496	7.6	23.39
1781	40.3982	116.0583	-246.2	492	IPMDC	0	0	0	0	84	41.7	2068	35	139	161	3.971	0.863	0.217	7.5	23.39
1782	40.3979	116.0583	-246.7	466	IPMDC	0	0	0	0	95	43.4	1856	53	46	141	0.868	0.326	0.376	7.5	23.39
1783	40.3975	116.0583	-247.7	443	IPMDC	0	0	0	0	69	42.8	1816	24	158	173	6.583	0.913	0.139	7.5	23.39
1784	40.3972	116.0583	-248.2	420	IPMDC	0	0	0	0	81	42.3	1754	54	43	137	0.796	0.314	0.394	7.5	23.40
1785	40.3968	116.0583	-247.7	395	IPMDC	0	0	0	0	72	41.7	1741	44	90	128	2.045	0.703	0.344	7.5	23.40
1786	40.3964	116.0583	-249.5	369	IPMDC	0	0	0	0	74	41.0	1649	50	84	126	1.680	0.667	0.397	7.5	23.40
1787	40.3961	116.0583	-249.2	354	IPMDC	0	0	0	0	75	40.6	1544	42	83	97	1.976	0.856	0.433	7.5	23.41
1788	40.3957	116.0583	-249.0	351	IPMDC	0	0	0	0	78	40.6	1646	29	111	121	3.828	0.917	0.240	7.5	23.41
1789	40.3954	116.0583	-247.9	365	IPMDC	0	0	0	0	85	40.9	1671	36	87	121	2.417	0.719	0.298	7.5	23.41
1790	40.3950	116.0584	-249.3	363	IPMDC	0	0	0	0	82	40.9	1601	30	132	98	4.400	1.347	0.306	7.5	23.41
1791	40.3947	116.0584	-248.8	335	IPMDC	0	0	0	0	79	40.1	1599	43	49	142	1.225	0.345	0.282	7.5	23.40
1792	40.3943	116.0584	-249.8	308	IPMDC	0	0	0	0	80	39.4	1465	38	72	104	1.895	0.692	0.365	7.5	23.40
1793	40.3939	116.0584	-250.0	297	IPMDC	0	0	0	0	79	39.1	1443	34	108	89	3.176	1.213	0.382	7.6	23.40
1794	40.3936	116.0584	-250.7	303	IPMDC	0	0	0	0	82	39.3	1480	30	91	96	3.033	0.948	0.313	7.6	23.40
1795	40.3932	116.0584	-251.6	327	IPMDC	0	0	0	0	81	39.9	1438	41	65	109	1.585	0.596	0.376	7.6	23.40
1796	40.3929	116.0584	-250.8	363	IPMDC	0	0	0	0	76	40.9	1581	34	94	96	2.765	0.979	0.354	7.6	23.40
1797	40.3925	116.0584	-249.9	384	IPMDC	0	0	0	0	77	41.4	1584	41	81	90	1.976	0.900	0.456	7.6	23.40
1798	40.3921	116.0584	-251.2	386	IPMDC	0	0	0	0	82	41.5	1545	33	134	74	4.061	1.811	0.446	7.7	23.40
1799	40.3918	116.0585	-249.0	421	IPMDC	0	0	0	0	75	42.3	1669	39	75	102	1.923	0.735	0.382	7.7	23.40
1800	40.3914	116.0585	-248.6	468	IPMDC	0	0	0	0	77	43.4	1957	39	79	153	2.026	0.516	0.255	7.7	23.41
1801	40.3911	116.0585	-248.5	488	IPMDC	0	0	0	0	86	43.5	2008	40	48	222	1.200	0.216	0.180	7.6	23.41
1802	40.3907	116.0585	-249.5	476	IPMDC	0	0	0	0	78	43.2	1973	65	92	129	1.415	0.713	0.504	7.7	23.41
1803	40.3903	116.0585	-250.1	433	IPMDC	0	0	0	0	84	42.2	1874	56	65	130	1.161	0.500	0.431	7.6	23.41
1804	40.3900	116.0585	-252.1	380	IPMDC	0	0	0	0	82	40.9	1831	42	101	120	2.405	0.842	0.350	7.7	23.41
1805	40.3896	116.0585	-251.0	334	IPMDC	0	0	0	0	78	39.8	1623	30	167	91	5.567	1.835	0.330	7.6	23.42

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1806	40.3893	116.0585	-251.2	315	IPMDC	0	0	0	0	91	39.3	1557	39	110	70	2.821	1.571	0.557	7.6	23.42
1807	40.3889	116.0585	-250.4	305	IPMDC	0	0	0	0	73	39.0	1569	46	88	99	1.913	0.889	0.465	7.6	23.42
1808	40.3886	116.0586	-250.8	293	IPMDC	0	0	0	0	79	38.7	1502	42	90	83	2.143	1.084	0.506	7.6	23.42
1809	40.3882	116.0586	-251.2	310	IPMDC	0	0	0	0	80	39.1	1579	43	55	132	1.279	0.417	0.326	7.7	23.42
1810	40.3878	116.0586	-250.7	343	IPMDC	0	0	0	0	82	40.0	1606	42	74	147	1.762	0.503	0.286	7.7	23.42
1811	40.3875	116.0586	-251.4	387	IPMDC	0	0	0	0	78	41.1	1743	41	62	150	1.512	0.413	0.273	7.7	23.41
1812	40.3871	116.0586	-251.6	425	IPMDC	0	0	0	0	87	42.0	1794	34	83	148	2.441	0.561	0.230	7.8	23.41
1813	40.3868	116.0586	-249.7	423	IPMDC	0	0	0	0	85	42.0	1795	46	35	188	0.761	0.186	0.245	7.8	23.41
1814	40.3864	116.0586	-251.0	366	IPMDC	0	0	0	0	72	40.6	1711	42	117	102	2.786	1.147	0.412	7.8	23.41
1815	40.3860	116.0586	-251.0	307	IPMDC	0	0	0	0	75	39.1	1525	20	105	126	5.250	0.833	0.159	7.8	23.41
1816	40.3857	116.0586	-252.5	258	IPMDC	0	0	0	0	77	37.7	1392	22	108	85	4.909	1.271	0.259	7.8	23.41
1817	40.3853	116.0587	-252.4	239	IPMDC	0	0	1	0	85	37.2	1363	55	-7	117	-0.127	-0.060	0.470	7.8	23.41
1818	40.3850	116.0587	-252.7	241	IPMDC	0	0	0	0	81	37.2	1385	26	129	70	4.962	1.843	0.371	7.8	23.42
1819	40.3846	116.0587	-253.0	242	IPMDC	0	0	0	0	87	37.3	1319	28	65	91	2.321	0.714	0.308	7.9	23.42
1820	40.3843	116.0587	-252.8	251	IPMDC	0	0	0	0	77	27.1	1323	26	130	81	5.000	1.605	0.321	7.9	23.42
1821	40.3839	116.0587	-252.7	266	IPMDC	0	0	0	0	84	27.4	1340	38	85	88	2.237	0.966	0.432	7.9	23.42
1822	40.3835	116.0587	-252.6	282	IPMDC	0	0	0	0	77	27.8	1391	25	78	111	3.120	0.703	0.225	7.9	23.42
1823	40.3832	116.0587	-253.9	304	IPMDC	0	0	0	0	82	28.2	1401	23	112	83	4.870	1.349	0.277	7.8	23.42
1824	40.3828	116.0587	-252.8	331	IPMDC	0	0	0	0	70	28.7	1508	43	85	121	1.977	0.702	0.355	7.9	23.43
1825	40.3825	116.0587	-251.4	357	IPMDC	0	0	0	0	77	29.2	1617	44	44	120	1.000	0.367	0.367	7.9	23.43
1826	40.3821	116.0587	-251.7	382	IPMDC	0	0	0	0	76	29.7	1542	40	67	109	1.675	0.615	0.367	7.9	23.43
1827	40.3817	116.0588	-252.0	416	IPMDC	0	0	0	0	76	30.3	1668	22	121	147	5.500	0.823	0.150	7.9	23.44
1828	40.3814	116.0588	-251.9	466	IPMDC	0	0	0	0	73	31.1	1784	44	41	179	0.932	0.229	0.246	8.0	23.44
1829	40.3810	116.0588	-251.4	495	IPMDC	0	0	0	0	69	31.6	1821	26	128	129	4.923	0.992	0.202	7.9	23.45
1830	40.3807	116.0588	-251.0	498	IPMDC	0	0	0	0	76	31.6	1833	35	98	167	2.800	0.587	0.210	7.9	23.44
1831	40.3803	116.0588	-252.5	498	IPMDC	0	0	0	0	84	31.6	1902	57	132	105	2.316	1.257	0.543	7.9	23.44
1832	40.3799	116.0588	-252.1	496	IPMDC	0	0	0	0	77	31.6	1855	61	109	124	1.787	0.879	0.492	7.9	23.43
1833	40.3796	116.0588	-252.4	492	IPMDC	0	0	0	0	79	31.5	1801	50	39	172	0.780	0.227	0.291	7.9	23.43
1834	40.3792	116.0588	-253.7	490	IPMDC	0	0	0	0	80	31.5	1930	55	41	201	0.745	0.204	0.274	7.9	23.43
1835	40.3789	116.0588	-252.3	487	IPMDC	0	0	0	0	80	31.4	2019	65	86	140	1.323	0.614	0.464	7.9	23.44
1836	40.3785	116.0589	-251.6	486	IPMDC	0	0	0	0	83	31.4	1925	39	85	181	2.179	0.470	0.215	7.9	23.44
1837	40.3782	116.0589	-250.9	486	IPMDC	0	0	0	0	73	31.4	2003	43	181	140	4.209	1.293	0.307	7.9	23.45
1838	40.3778	116.0589	-251.8	474	IPMDC	0	0	0	0	66	31.2	2058	38	183	130	4.816	1.408	0.292	7.9	23.46
1839	40.3774	116.0589	-253.0	456	IPMDC	0	0	0	0	85	30.2	2073	47	96	198	2.043	0.485	0.237	7.9	23.47
1840	40.3771	116.0589	-252.9	445	IPMDC	0	0	0	0	88	30.0	2040	49	123	183	2.510	0.672	0.268	7.9	23.47
1841	40.3767	116.0589	-254.9	430	IPMDC	0	0	0	0	80	29.7	2121	48	132	176	2.750	0.750	0.273	7.9	23.48
1842	40.3764	116.0589	-254.0	420	IPMDC	0	0	0	0	78	29.6	2110	40	178	165	4.450	1.079	0.242	7.9	23.49
1843	40.3760	116.0589	-252.5	419	IPMDC	0	0	0	0	71	29.5	2115	58	142	129	2.448	1.101	0.450	7.9	23.50
1844	40.3756	116.0589	-252.1	413	IPMDC	0	0	0	0	84	29.4	2015	41	200	107	4.878	1.869	0.383	7.8	23.50
1845	40.3753	116.0590	-251.7	411	IPMDC	0	0	0	0	76	29.4	2042	54	117	161	2.167	0.727	0.335	7.8	23.51
1846	40.3749	116.0590	-252.8	410	IPMDC	0	0	0	0	71	29.4	2119	54	130	187	2.407	0.695	0.289	7.8	23.52
1847	40.3746	116.0590	-252.9	404	IPMDC	0	0	0	0	75	29.3	2058	52	95	182	1.827	0.522	0.286	7.8	23.53
1848	40.3742	116.0590	-253.1	411	IPMDC	0	0	0	0	74	29.4	2129	37	174	179	4.703	0.972	0.207	7.8	23.53
1849	40.3739	116.0590	-252.9	413	IPMDC	0	0	0	0	78	29.4	2009	40	130	179	3.250	0.726	0.223	7.7	23.53
1850	40.3735	116.0590	-253.9	427	IPMDC	0	0	0	0	80	29.7	2020	50	119	159	2.380	0.748	0.314	7.6	23.53
1851	40.3731	116.0590	-254.0	440	IPMDC	0	0	0	0	85	29.9	2138	46	107	214	2.326	0.500	0.215	7.6	23.53
1852	40.3728	116.0590	-253.9	457	IPMDC	0	0	0	0	75	30.2	2252	70	134	160	1.914	0.837	0.438	7.6	23.53
1853	40.3724	116.0590	-254.1	449	IPMDC	0	0	0	0	82	30.0	2154	43	102	231	2.372	0.442	0.186	7.6	23.54
1854	40.3721	116.0591	-254.4	441	IPMDC	0	0	0	0	77	29.9	2272	61	127	202	2.082	0.629	0.302	7.6	23.54
1855	40.3717	116.0591	-254.0	437	IPMDC	0	0	0	0	71	29.8	2188	34	133	212	3.912	0.627	0.160	7.5	23.54
1856	40.3713	116.0591	-254.6	429	IPMDC	0	0	0	0	74	29.7	2018	68	144	115	2.118	1.252	0.591	7.5	23.54
1857	40.3710	116.0591	-253.6	408	IPMDC	0	0	0	0	79	29.4	2018	55	150	124	2.727	1.210	0.444	7.4	23.54
1858	40.3706	116.0591	-255.9	409	IPMDC	0	0	0	0	79	32.9	2034	49	90	168	1.837	0.536	0.292	7.4	23.54
1859	40.3703	116.0591	-255.1	426	IPMDC	0	0	0	0	84	33.2	1992	39	97	157	2.487	0.618	0.248	7.3	23.54

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1860	40.3699	116.0591	-255.3	433	IPMDC	0	0	0	0	86	33.3	1934	59	86	157	1.458	0.548	0.376	7.3	23.54
1861	40.3696	116.0591	-255.7	417	IPMDC	0	0	0	0	77	33.0	1884	43	142	118	3.302	1.203	0.364	7.3	23.54
1862	40.3692	116.0591	-256.1	409	IPMDC	0	0	0	0	80	32.9	1868	45	145	91	3.222	1.593	0.495	7.3	23.54
1863	40.3688	116.0591	-254.7	433	IPMDC	0	0	0	0	82	33.3	1936	57	52	156	0.912	0.333	0.365	7.2	23.54
1864	40.3685	116.0592	-254.6	478	IPMDC	0	0	1	0	71	34.1	2079	91	15	169	0.165	0.089	0.538	7.2	23.55
1865	40.3681	116.0592	-257.1	495	IPMDC	0	0	0	0	78	34.4	2103	59	111	136	1.881	0.816	0.434	7.2	23.54
1866	40.3678	116.0592	-255.6	491	IPMDC	0	0	0	0	80	34.4	2112	58	162	119	2.793	1.361	0.487	7.3	23.55
1867	40.3674	116.0592	-256.7	493	IPMDC	0	0	0	0	79	34.4	2165	45	63	201	1.400	0.313	0.224	7.3	23.55
1868	40.3670	116.0592	-257.5	493	IPMDC	0	0	0	0	83	34.4	2407	47	136	157	2.894	0.866	0.299	7.3	23.55
1869	40.3667	116.0592	-257.0	470	IPMDC	0	0	0	0	93	34.0	2136	37	186	123	5.027	1.512	0.301	7.2	23.56
1870	40.3663	116.0592	-258.0	438	IPMDC	0	0	0	0	78	33.4	2245	26	207	134	7.962	1.545	0.194	7.2	23.56
1871	40.3660	116.0592	-258.0	418	IPMDC	0	0	0	0	86	33.0	2096	51	159	94	3.118	1.691	0.543	7.2	23.57
1872	40.3656	116.0592	-258.9	411	IPMDC	0	0	0	0	87	32.9	2028	50	111	168	2.220	0.661	0.298	7.2	23.58
1873	40.3652	116.0593	-259.4	416	IPMDC	0	0	0	0	85	33.0	2023	32	137	161	4.281	0.851	0.199	7.2	23.58
1874	40.3649	116.0593	-259.1	422	IPMDC	0	0	0	0	79	33.1	2186	38	173	116	4.553	1.491	0.328	7.2	23.58
1875	40.3645	116.0593	-259.6	428	IPMDC	0	0	0	0	71	33.2	2024	51	123	118	2.412	1.042	0.432	7.2	23.59
1876	40.3642	116.0593	-259.2	432	IPMDC	0	0	0	0	82	33.3	2128	49	80	176	1.633	0.455	0.278	7.2	23.60
1877	40.3638	116.0593	-258.4	440	IPMDC	0	0	0	0	73	39.8	2198	61	137	144	2.246	0.951	0.424	7.2	23.60
1878	40.3635	116.0593	-256.9	446	IPMDC	0	0	0	0	83	39.9	2119	50	150	152	3.000	0.987	0.329	7.2	23.60
1879	40.3631	116.0593	-257.7	448	IPMDC	0	0	0	0	80	40.0	2400	47	94	202	2.000	0.465	0.233	7.1	23.61
1880	40.3627	116.0593	-256.0	450	IPMDC	0	0	0	0	77	40.0	2025	35	132	141	3.771	0.936	0.248	7.1	23.61
1881	40.3624	116.0593	-256.5	453	IPMDC	0	0	0	0	82	40.1	2505	52	143	179	2.750	0.799	0.291	7.2	23.62
1882	40.3620	116.0594	-253.3	454	IPMDC	0	0	0	0	85	40.1	2258	67	96	179	1.433	0.536	0.374	7.1	23.62
1883	40.3617	116.0594	-253.1	454	IPMDC	0	0	0	0	78	40.1	2187	55	137	162	2.491	0.846	0.340	7.1	23.62
1884	40.3613	116.0594	-252.6	458	IPMDC	0	0	0	0	77	40.2	2456	50	122	188	2.440	0.649	0.266	7.1	23.62
1885	40.3609	116.0594	-252.6	461	IPMDC	0	0	0	0	77	40.3	2304	75	89	154	1.187	0.578	0.487	7.1	23.62
1886	40.3606	116.0594	-252.9	467	IPMDC	0	0	0	0	73	40.4	2487	52	226	167	4.346	1.353	0.311	7.1	23.62
1887	40.3602	116.0594	-252.4	470	IPMDC	0	0	0	0	71	40.5	2292	54	167	174	3.093	0.960	0.310	7.1	23.62
1888	40.3599	116.0594	-249.7	471	IPMDC	0	0	0	0	74	40.5	2298	50	144	171	2.880	0.842	0.292	7.1	23.62
1889	40.3595	116.0594	-250.7	470	IPMDC	0	0	0	0	84	40.5	2273	67	96	172	1.433	0.558	0.390	7.1	23.62
1890	40.3592	116.0594	-251.5	475	IPMDC	0	0	0	0	83	40.6	2282	44	149	162	3.386	0.920	0.272	7.1	23.62
1891	40.3588	116.0594	-253.0	478	IPMDC	0	0	0	0	81	40.6	2360	57	166	161	2.912	1.031	0.354	7.2	23.61
1892	40.3584	116.0595	-248.8	484	IPMDC	0	0	0	0	72	40.7	2212	62	79	198	1.274	0.399	0.313	7.1	23.61
1893	40.3581	116.0595	-251.6	485	IPMDC	0	0	0	0	81	40.8	2147	67	85	128	1.269	0.664	0.523	7.0	23.61
1894	40.3577	116.0595	-251.9	486	IPMDC	0	0	0	0	77	40.8	2138	59	193	103	3.271	1.874	0.573	7.0	23.61
1896	40.3570	116.0595	-250.7	491	IPMDC	0	0	0	0	82	40.9	1840	35	122	119	3.486	1.025	0.294	7.0	23.61
1897	40.3566	116.0595	-252.2	499	IPMDC	0	0	0	0	83	40.5	1781	27	52	174	1.926	0.299	0.155	7.1	23.61
1898	40.3563	116.0595	-253.1	548	IPMDC	0	0	0	0	76	41.5	2039	23	150	83	6.522	1.807	0.277	7.1	23.61
1899	40.3559	116.0595	-253.5	597	IPMDC	0	0	0	0	86	42.4	2060	28	128	106	4.571	1.208	0.264	7.1	23.61
1900	40.3556	116.0595	-253.9	615	IPMDC	0	0	0	0	82	42.7	1813	37	113	92	3.054	1.228	0.402	7.1	23.61
1901	40.3552	116.0596	-253.9	623	IPMDC	0	0	0	0	81	42.8	1971	37	109	74	2.946	1.473	0.500	7.1	23.61
1902	40.3548	116.0596	-255.3	546	IPMDC	0	0	0	0	81	41.4	1766	42	104	77	2.476	1.351	0.545	7.2	23.62
1903	40.3545	116.0596	-254.0	492	IPMDC	0	0	0	0	73	40.3	1945	41	143	101	3.488	1.416	0.406	7.3	23.62
1904	40.3541	116.0596	-254.5	477	IPMDC	0	0	0	0	75	40.0	1830	52	42	155	0.808	0.271	0.335	7.2	23.63
1905	40.3538	116.0596	-253.5	475	IPMDC	0	0	0	0	75	40.0	2087	45	149	114	3.311	1.307	0.395	7.2	23.63
1906	40.3534	116.0596	-251.8	475	IPMDC	0	0	0	0	78	40.0	2157	50	153	168	3.060	0.911	0.298	7.1	23.62
1907	40.3531	116.0596	-251.4	475	IPMDC	0	0	0	0	78	40.0	2270	62	70	199	1.129	0.352	0.312	7.1	23.63
1908	40.3527	116.0596	-252.2	472	IPMDC	0	0	0	0	67	39.9	2232	53	131	171	2.472	0.766	0.310	7.1	23.63
1909	40.3523	116.0596	-251.3	469	IPMDC	0	0	0	0	80	39.9	2252	47	164	144	3.489	1.139	0.326	7.1	23.64
1910	40.3520	116.0597	-250.6	464	IPMDC	0	0	0	0	78	39.8	2306	59	88	201	1.492	0.438	0.294	7.1	23.65
1911	40.3516	116.0597	-250.0	459	IPMDC	0	0	0	0	69	39.7	2282	56	149	187	2.661	0.797	0.299	7.1	23.65
1912	40.3513	116.0597	-250.8	459	IPMDC	0	0	0	0	74	39.7	2234	73	123	148	1.685	0.831	0.493	7.1	23.65
1913	40.3509	116.0597	-250.1	457	IPMDC	0	0	0	0	73	39.6	2324	78	75	167	0.962	0.449	0.467	7.1	23.65
1914	40.3505	116.0597	-249.6	458	IPMDC	0	0	0	0	76	39.6	2265	68	97	202	1.426	0.480	0.337	7.0	23.65

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1915	40.3502	116.0597	-249.4	458	IPMDC	0	0	0	0	83	39.6	2102	54	109	187	2.019	0.583	0.289	7.0	23.66
1916	40.3498	116.0597	-248.6	449	IPMDC	0	0	0	0	79	34.7	2196	51	127	195	2.490	0.651	0.262	7.0	23.66
1917	40.3495	116.0597	-247.4	444	IPMDC	0	0	0	0	80	34.6	2231	49	168	118	3.429	1.424	0.415	7.0	23.67
1918	40.3491	116.0597	-247.7	440	IPMDC	0	0	0	0	74	34.6	2273	69	56	179	0.812	0.313	0.385	6.9	23.67
1919	40.3488	116.0598	-246.9	433	IPMDC	0	0	0	0	72	34.4	2156	54	132	187	2.444	0.706	0.289	6.8	23.68
1920	40.3484	116.0598	-245.7	431	IPMDC	0	0	0	0	81	34.4	2059	45	144	132	3.200	1.091	0.341	6.7	23.68
1921	40.3480	116.0598	-244.7	430	IPMDC	0	0	0	0	73	34.4	2115	42	139	168	3.310	0.827	0.250	6.7	23.68
1922	40.3477	116.0598	-245.0	436	IPMDC	0	0	0	0	78	34.5	1989	53	93	153	1.755	0.608	0.346	6.7	23.67
1923	40.3473	116.0598	-245.7	448	IPMDC	0	0	0	0	76	34.7	1929	45	92	185	2.044	0.497	0.243	6.7	23.67
1924	40.3470	116.0598	-246.5	474	IPMDC	0	0	0	0	81	35.2	2000	42	113	163	2.690	0.693	0.258	6.8	23.67
1926	40.3462	116.0598	-247.2	495	IPMDC	0	0	0	0	75	35.6	1931	52	99	101	1.904	0.980	0.515	6.8	23.67
1927	40.3459	116.0598	-248.0	495	IPMDC	0	0	0	0	76	35.6	2072	25	159	150	6.360	1.060	0.167	6.8	23.67
1928	40.3455	116.0598	-249.6	521	IPMDC	0	0	0	0	72	36.0	2104	34	138	162	4.059	0.852	0.210	6.9	23.67
1929	40.3452	116.0599	-248.6	500	IPMDC	0	0	0	0	76	35.7	2060	49	53	187	1.082	0.283	0.262	6.9	23.66
1930	40.3448	116.0599	-250.0	514	IPMDC	0	0	0	0	73	35.9	2038	33	193	100	5.848	1.930	0.330	7.0	23.66
1931	40.3444	116.0599	-250.4	503	IPMDC	0	0	0	0	69	35.7	1965	50	71	149	1.420	0.477	0.336	7.0	23.66
1932	40.3441	116.0599	-249.6	508	IPMDC	0	0	0	0	73	35.8	1944	48	105	146	2.188	0.719	0.329	7.1	23.66
1933	40.3437	116.0599	-249.8	522	IPMDC	0	0	0	0	77	36.0	1996	58	103	142	1.776	0.725	0.408	7.1	23.66
1934	40.3434	116.0599	-250.3	528	IPMDC	0	0	0	0	77	36.1	1928	38	116	165	3.053	0.703	0.230	7.2	23.66
1935	40.3430	116.0599	-249.2	520	IPMDC	0	0	0	0	66	36.0	1917	36	162	72	4.500	2.250	0.500	7.1	23.66
1936	40.3427	116.0599	-250.3	516	IPMDC	0	0	0	0	78	29.6	1886	43	162	113	3.767	1.434	0.381	7.1	23.66
1937	40.3423	116.0599	-250.6	517	IPMDC	0	0	0	0	82	29.7	2025	18	164	175	9.111	0.937	0.103	7.1	23.66
1938	40.3419	116.0600	-249.0	528	IPMDC	0	0	0	0	78	29.8	1791	34	94	127	2.765	0.740	0.268	7.1	23.66
1939	40.3416	116.0600	-248.5	511	IPMDC	0	0	0	0	85	29.6	1813	43	116	117	2.698	0.991	0.368	7.1	23.66
1940	40.3412	116.0600	-248.6	510	QTSU	0	0	0	0	71	29.6	1832	36	181	85	5.028	2.129	0.424	7.1	23.66
1941	40.3409	116.0600	-249.8	520	QTSU	0	0	0	0	77	29.7	1920	46	107	190	2.326	0.563	0.242	7.1	23.66
1942	40.3405	116.0600	-248.6	514	QTSU	0	0	0	0	71	29.6	1987	43	151	115	3.512	1.313	0.374	7.2	23.66
1943	40.3401	116.0600	-247.6	516	QTSU	0	0	0	0	76	29.7	1916	50	84	152	1.680	0.553	0.329	7.1	23.65
1944	40.3398	116.0600	-248.5	512	QTSU	0	0	0	0	79	29.6	1795	32	168	79	5.250	2.127	0.405	7.1	23.65
1945	40.3394	116.0600	-247.8	536	QTSU	0	0	0	0	81	29.9	1987	24	107	162	4.458	0.660	0.148	7.2	23.64
1946	40.3391	116.0600	-247.1	544	QTSU	0	0	0	0	80	30.1	1931	53	72	140	1.358	0.514	0.379	7.2	23.64
1947	40.3387	116.0601	-247.3	554	QTSU	0	0	0	0	68	30.2	1999	26	152	141	5.846	1.078	0.184	7.3	23.65
1948	40.3384	116.0601	-247.5	532	QTSU	0	0	0	0	71	29.9	2045	60	120	117	2.000	1.026	0.513	7.3	23.66
1949	40.3380	116.0601	-247.2	514	QTSU	0	0	0	0	81	29.6	1828	41	78	148	1.902	0.527	0.277	7.3	23.65
1950	40.3376	116.0601	-246.9	503	QOA3	0	0	0	0	77	29.5	1851	59	66	155	1.119	0.426	0.381	7.3	23.66
1951	40.3373	116.0601	-244.9	501	QOA3	0	0	0	0	81	29.4	1867	43	117	95	2.721	1.232	0.453	7.4	23.66
1952	40.3369	116.0601	-244.0	500	QOA3	0	0	0	0	73	29.4	1868	49	56	134	1.143	0.418	0.366	7.4	23.66
1953	40.3366	116.0601	-243.4	514	QOA3	0	0	0	0	73	29.6	1833	36	117	132	3.250	0.886	0.273	7.4	23.66
1954	40.3362	116.0601	-243.2	544	QOA3	0	0	0	0	83	30.0	1895	43	123	100	2.860	1.230	0.430	7.4	23.66
1955	40.3358	116.0601	-243.9	503	QOA3	0	0	0	0	79	25.8	1762	59	27	156	0.466	0.173	0.372	7.3	23.66
1956	40.3355	116.0601	-244.1	512	QOA3	0	0	0	0	76	25.9	1819	37	84	121	2.270	0.694	0.306	7.4	23.67
1957	40.3351	116.0602	-244.9	516	QOA3	0	0	0	0	77	25.9	1743	34	74	125	2.176	0.592	0.272	7.5	23.67
1958	40.3348	116.0602	-246.4	518	QOA3	0	0	0	0	79	26.0	1924	40	145	117	3.625	1.239	0.342	7.5	23.67
1959	40.3344	116.0602	-247.3	510	QOA3	0	0	0	0	85	25.9	1849	29	107	137	3.690	0.781	0.212	7.5	23.68
1960	40.3340	116.0602	-247.5	493	QOA3	0	0	0	0	75	25.7	1985	46	122	137	2.652	0.891	0.336	7.5	23.68
1961	40.3337	116.0602	-246.7	468	QOA3	0	0	0	0	71	25.3	1873	56	98	153	1.750	0.641	0.366	7.6	23.69
1962	40.3333	116.0602	-244.7	453	QOA3	0	0	0	0	74	25.1	1982	40	124	189	3.100	0.656	0.212	7.6	23.70
1963	40.3330	116.0602	-244.0	444	QOA3	0	0	0	0	79	25.0	2224	60	68	246	1.133	0.276	0.244	7.7	23.70
1964	40.3326	116.0602	-242.3	442	QOA3	0	0	0	0	82	25.0	2158	58	124	187	2.138	0.663	0.310	7.7	23.71
1965	40.3323	116.0602	-241.9	442	QOA3	0	0	0	0	74	25.0	2071	48	146	171	3.042	0.854	0.281	7.7	23.70
1966	40.3319	116.0603	-240.7	446	QOA3	0	0	0	0	83	25.0	2237	54	130	160	2.407	0.813	0.337	7.7	23.70
1967	40.3315	116.0603	-240.7	452	QOA3	0	0	0	0	74	25.1	2017	49	99	176	2.020	0.563	0.278	7.8	23.70
1968	40.3312	116.0603	-237.4	455	QOA3	0	0	0	0	80	25.1	2156	43	171	157	3.977	1.089	0.274	7.8	23.70
1969	40.3308	116.0603	-238.5	455	QOA3	0	0	0	0	75	25.1	2091	56	167	144	2.982	1.160	0.389	7.8	23.70

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
1970	40.3305	116.0603	-237.3	457	QOA3	0	0	0	0	76	25.2	2088	39	121	189	3.103	0.640	0.206	7.9	23.70
1971	40.3301	116.0603	-236.6	458	QOA3	0	0	0	0	74	25.2	2148	58	225	146	3.879	1.541	0.397	8.0	23.71
1972	40.3297	116.0603	-237.1	456	QOA3	0	0	0	0	76	25.2	2122	71	79	223	1.113	0.354	0.318	8.0	23.71
1973	40.3294	116.0603	-235.5	451	QOA3	0	0	0	0	69	25.1	2137	43	225	153	5.233	1.471	0.281	8.0	23.71
1974	40.3290	116.0603	-235.3	446	QOA3	0	0	1	0	79	30.5	2163	85	22	194	0.259	0.113	0.438	7.9	23.72
1975	40.3287	116.0604	-234.4	448	QOA3	0	0	0	0	80	30.5	2244	54	110	215	2.037	0.512	0.251	8.0	23.72
1976	40.3283	116.0604	-233.1	450	QOA3	0	0	0	0	71	30.5	2175	66	197	109	2.985	1.807	0.606	8.0	23.72
1977	40.3280	116.0604	-233.0	444	QOA3	0	0	0	0	85	30.4	2199	74	72	160	0.973	0.450	0.462	7.9	23.73
1978	40.3276	116.0604	-232.8	443	QOA3	0	0	0	0	65	30.4	2171	54	132	146	2.444	0.904	0.370	8.0	23.73
1979	40.3272	116.0604	-233.1	442	QOA3	0	0	0	0	82	30.4	2074	48	90	180	1.875	0.500	0.267	7.9	23.73
1981	40.3265	116.0604	-233.0	470	QOA3	0	0	0	0	74	30.9	2218	62	88	173	1.419	0.509	0.358	7.9	23.73
1982	40.3262	116.0604	-234.2	482	QOA3	0	0	0	0	68	31.1	2088	44	115	169	2.614	0.680	0.260	7.8	23.73
1983	40.3258	116.0604	-232.9	490	QOA3	0	0	0	0	76	31.2	2071	66	97	133	1.470	0.729	0.496	7.8	23.73
1984	40.3254	116.0605	-234.5	490	QOA3	0	0	0	0	72	31.2	2170	56	179	147	3.196	1.218	0.381	7.8	23.73
1985	40.3251	116.0605	-234.6	483	QOA3	0	0	0	0	74	31.1	2134	53	115	162	2.170	0.710	0.327	7.7	23.73
1986	40.3247	116.0605	-234.9	475	QOA3	0	0	0	0	71	30.9	1927	37	136	141	3.676	0.965	0.262	7.7	23.72
1987	40.3244	116.0605	-236.5	477	QOA3	0	0	0	0	74	31.0	1838	61	99	118	1.623	0.839	0.517	7.7	23.71
1988	40.3240	116.0605	-235.9	489	QOA3	0	0	0	0	76	31.2	1890	46	207	29	4.500	7.138	1.586	7.8	23.71
1989	40.3236	116.0605	-237.5	494	QOA3	0	0	0	0	80	31.2	1920	34	136	146	4.000	0.932	0.233	7.9	23.72
1990	40.3233	116.0605	-239.2	497	QOA3	0	0	0	0	75	31.3	1868	49	116	131	2.367	0.885	0.374	7.9	23.72
1991	40.3229	116.0605	-240.8	497	QOA3	0	0	0	0	79	31.3	1815	44	116	85	2.636	1.365	0.518	7.9	23.72
1992	40.3226	116.0605	-240.3	507	QOA3	0	0	1	0	65	31.4	1833	75	14	140	0.187	0.100	0.536	8.0	23.71
1993	40.3222	116.0605	-238.8	509	QOA3	0	0	0	0	75	31.5	2015	50	111	137	2.220	0.810	0.365	7.9	23.71
1994	40.3219	116.0606	-241.9	505	QOA3	0	0	0	0	70	36.4	1939	37	141	119	3.811	1.185	0.311	7.9	23.70
1995	40.3215	116.0606	-242.2	499	QOA3	0	0	0	0	68	36.3	1877	44	114	141	2.591	0.809	0.312	8.0	23.70
1996	40.3211	116.0606	-240.5	498	QOA3	0	0	0	0	57	36.3	2040	71	109	125	1.535	0.872	0.568	8.1	23.70
1997	40.3208	116.0606	-241.3	498	QOA3	0	0	0	0	81	36.3	1932	56	94	140	1.679	0.671	0.400	8.1	23.71
1998	40.3204	116.0605	-239.9	498	QOA3	0	0	0	0	84	36.3	1868	37	111	125	3.000	0.888	0.296	8.0	23.70
1999	40.3201	116.0605	-239.0	498	QOA3	0	0	0	0	69	36.3	1976	39	186	79	4.769	2.354	0.494	8.1	23.71
2000	40.3197	116.0605	-239.3	499	QOA3	0	0	0	0	84	36.3	2060	48	72	168	1.500	0.429	0.286	8.1	23.71
2001	40.3193	116.0605	-237.8	500	QOA3	0	0	0	0	73	36.3	1945	32	143	123	4.469	1.163	0.260	8.0	23.71
2002	40.3190	116.0604	-237.9	498	QOA3	0	0	0	0	72	36.3	2056	70	52	168	0.743	0.310	0.417	8.0	23.71
2003	40.3186	116.0604	-237.9	497	QOA3	0	0	0	0	73	36.3	2027	50	105	143	2.100	0.734	0.350	8.0	23.71
2004	40.3183	116.0604	-237.6	493	QOA3	0	0	0	0	83	36.2	2096	51	47	209	0.922	0.225	0.244	8.0	23.71
2005	40.3179	116.0604	-236.9	492	QOA3	0	0	0	0	76	36.2	2009	67	75	155	1.119	0.484	0.432	8.1	23.71
2006	40.3176	116.0603	-236.4	491	QOA3	0	0	0	0	73	36.1	2129	65	82	175	1.262	0.469	0.371	8.2	23.70
2007	40.3172	116.0603	-236.8	487	QOA3	0	0	0	0	76	36.1	2156	42	165	175	3.929	0.943	0.240	8.2	23.71
2008	40.3168	116.0603	-237.2	473	QOA3	0	0	0	0	71	35.8	2133	70	50	185	0.714	0.270	0.378	8.2	23.71
2009	40.3165	116.0603	-237.3	463	QOA3	0	0	0	0	74	35.6	2068	57	70	197	1.228	0.355	0.289	8.3	23.71
2010	40.3161	116.0602	-237.2	457	QOA3	0	0	0	0	74	35.5	2090	54	126	168	2.333	0.750	0.321	8.3	23.71
2011	40.3158	116.0602	-236.8	452	QOA3	0	0	0	0	71	35.4	2071	67	84	189	1.254	0.444	0.354	8.4	23.72
2012	40.3154	116.0602	-235.1	448	QOA3	0	0	0	0	70	35.3	2111	54	88	184	1.630	0.478	0.293	8.5	23.72
2013	40.3150	116.0602	-235.2	443	QOA3	0	0	0	0	65	32.9	2198	66	93	170	1.409	0.547	0.388	8.5	23.72
2014	40.3147	116.0601	-235.3	444	QOA3	0	0	0	0	71	32.9	2193	64	85	198	1.328	0.429	0.323	8.5	23.72
2015	40.3143	116.0601	-237.4	443	QOA3	0	0	0	0	80	32.9	2133	68	132	142	1.941	0.930	0.479	8.5	23.71
2016	40.3140	116.0601	-236.2	445	QOA3	0	0	0	0	74	32.9	2085	51	132	153	2.588	0.863	0.333	8.5	23.71
2017	40.3136	116.0601	-236.2	450	QOA3	0	0	0	0	68	33.0	2119	62	77	175	1.242	0.440	0.354	8.5	23.71
2018	40.3133	116.0600	-237.0	452	QOA3	0	0	0	0	75	33.0	2218	50	138	175	2.760	0.789	0.286	8.4	23.72
2019	40.3129	116.0600	-237.8	445	QOA3	0	0	0	0	70	32.9	2079	48	177	129	3.688	1.372	0.372	8.4	23.72
2020	40.3125	116.0600	-238.3	431	QOA3	0	0	0	0	88	32.6	2016	47	113	162	2.404	0.698	0.290	8.4	23.72
2021	40.3122	116.0600	-238.1	426	QOA3	0	0	0	0	81	32.6	2094	54	76	213	1.407	0.357	0.254	8.5	23.72
2022	40.3118	116.0599	-237.9	429	QOA3	0	0	0	0	71	32.6	2119	44	105	168	2.386	0.625	0.262	8.5	23.72
2023	40.3115	116.0599	-239.4	431	QOA3	0	0	0	0	80	32.6	2046	53	98	176	1.849	0.557	0.301	8.4	23.72
2024	40.3111	116.0599	-238.4	438	QOA3	0	0	0	0	72	32.8	2067	58	142	151	2.448	0.940	0.384	8.5	23.72

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2025	40.3108	116.0599	-239.0	438	QOA3	0	0	0	0	67	32.8	2147	45	162	162	3.600	1.000	0.278	8.5	23.72
2026	40.3104	116.0598	-238.8	439	QOA3	0	0	0	0	87	32.8	2145	60	125	147	2.083	0.850	0.408	8.7	23.73
2027	40.3100	116.0598	-239.1	439	QOA3	0	0	0	0	75	32.8	2249	62	66	206	1.065	0.320	0.301	8.8	23.72
2028	40.3097	116.0598	-239.7	434	QOA3	0	0	0	0	68	32.7	2177	53	156	149	2.943	1.047	0.356	8.8	23.73
2029	40.3093	116.0598	-241.5	436	QOA3	0	0	0	0	79	32.7	2230	66	109	208	1.652	0.524	0.317	8.8	23.72
2030	40.3090	116.0597	-240.8	434	QOA3	0	0	0	0	69	32.7	2196	48	161	179	3.354	0.899	0.268	8.9	23.73
2031	40.3086	116.0597	-241.9	436	QOA3	0	0	0	0	80	32.7	2174	63	106	192	1.683	0.552	0.328	8.9	23.72
2032	40.3082	116.0597	-241.5	430	QOA3	0	0	0	0	84	32.2	2184	63	110	186	1.746	0.591	0.339	9.0	23.72
2033	40.3079	116.0597	-240.3	424	QOA3	0	0	0	0	72	32.1	2293	57	128	203	2.246	0.631	0.281	9.0	23.72
2034	40.3075	116.0596	-238.7	414	QOA3	0	0	0	0	69	31.9	2151	58	106	213	1.828	0.498	0.272	9.0	23.73
2036	40.3068	116.0596	-237.4	410	QOA3	0	0	0	0	77	31.9	2228	55	142	204	2.582	0.696	0.270	9.0	23.72
2037	40.3065	116.0596	-237.9	410	QOA3	0	0	0	0	75	31.9	2233	37	122	195	3.297	0.626	0.190	9.1	23.72
2038	40.3061	116.0595	-237.2	413	QOA3	0	0	0	0	75	31.9	2248	50	79	214	1.580	0.369	0.234	9.2	23.72
2039	40.3057	116.0595	-237.0	419	QOA3	0	0	0	0	79	32.0	2034	57	66	197	1.158	0.335	0.289	9.2	23.72
2040	40.3054	116.0595	-237.0	424	QOA3	0	0	0	0	65	32.1	2085	39	165	158	4.231	1.044	0.247	9.2	23.71
2041	40.3050	116.0595	-234.3	431	QOA3	0	0	0	0	76	32.3	2040	74	98	154	1.324	0.636	0.481	9.3	23.71
2042	40.3047	116.0594	-234.5	439	QTSU	0	0	0	0	74	32.4	1968	49	110	164	2.245	0.671	0.299	9.3	23.71
2043	40.3043	116.0594	-232.7	455	QTSU	0	0	0	0	72	32.7	1944	49	125	157	2.551	0.796	0.312	9.4	23.71
2044	40.3039	116.0594	-234.1	470	QTSU	0	0	0	0	80	33.0	1857	54	98	139	1.815	0.705	0.388	9.4	23.71
2045	40.3036	116.0594	-233.5	490	QTSU	0	0	0	0	72	33.3	1841	47	99	125	2.106	0.792	0.376	9.5	23.71
2046	40.3032	116.0593	-235.0	496	QTSU	0	0	0	0	68	33.4	1870	69	38	110	0.551	0.345	0.627	9.5	23.71
2047	40.3029	116.0593	-235.3	500	QTSU	0	0	0	0	78	33.4	1967	39	85	139	2.179	0.612	0.281	9.5	23.71
2048	40.3025	116.0593	-235.4	495	QTSU	0	0	0	0	83	33.4	1807	43	91	156	2.116	0.583	0.276	9.5	23.71
2049	40.3022	116.0593	-236.7	495	QTSU	0	0	0	0	68	33.4	1784	45	111	129	2.467	0.860	0.349	9.6	23.71
2050	40.3018	116.0592	-237.2	503	QA2	0	0	0	0	72	33.5	1868	41	81	161	1.976	0.503	0.255	9.7	23.72
2051	40.3014	116.0592	-238.3	500	QA2	0	0	0	0	62	33.5	1778	36	134	113	3.722	1.186	0.319	9.8	23.72
2052	40.3011	116.0592	-239.8	498	QA2	0	0	0	0	68	35.5	1814	61	70	103	1.148	0.680	0.592	9.9	23.73
2053	40.3007	116.0592	-240.7	498	QA2	0	0	0	0	64	35.5	1924	55	73	122	1.327	0.598	0.451	10.0	23.73
2054	40.3004	116.0591	-241.7	496	QA2	0	0	0	0	71	35.5	1915	47	95	102	2.021	0.931	0.461	10.1	23.74
2055	40.3000	116.0591	-242.3	500	QA2	0	0	0	0	73	35.5	1942	46	149	76	3.239	1.961	0.605	10.2	23.75
2056	40.2996	116.0591	-242.5	509	QA2	0	0	0	0	81	35.7	2038	34	89	196	2.618	0.454	0.173	10.2	23.76
2057	40.2993	116.0591	-244.2	496	QA2	0	0	0	0	74	35.5	1956	44	80	144	1.818	0.556	0.306	10.2	23.76
2058	40.2989	116.0590	-243.7	500	QA2	0	0	0	0	71	35.5	1990	57	133	120	2.333	1.108	0.475	10.2	23.77
2059	40.2986	116.0590	-244.0	499	QA2	0	0	0	0	67	35.5	2044	50	59	178	1.180	0.331	0.281	10.3	23.77
2060	40.2982	116.0590	-245.1	498	QA2	0	0	0	0	71	35.5	1976	45	142	161	3.156	0.882	0.280	10.2	23.78
2061	40.2979	116.0590	-243.4	496	QA2	0	0	0	0	70	35.5	1917	36	171	133	4.750	1.286	0.271	10.2	23.79
2062	40.2975	116.0589	-244.2	501	QA2	0	0	0	0	77	35.6	2085	32	131	154	4.094	0.851	0.208	10.3	23.79
2063	40.2971	116.0589	-241.7	497	QA2	0	0	0	0	71	35.5	2034	26	134	158	5.154	0.848	0.165	10.3	23.79
2064	40.2968	116.0589	-240.1	495	QA2	0	0	0	0	75	35.5	1954	45	128	135	2.844	0.948	0.333	10.3	23.79
2065	40.2964	116.0589	-240.9	496	QA2	0	0	0	0	70	35.5	2126	37	183	147	5.382	1.245	0.231	10.3	23.80
2066	40.2961	116.0588	-240.7	495	QA2	0	0	0	0	77	35.5	2035	44	131	167	2.977	0.784	0.263	10.3	23.80
2067	40.2957	116.0588	-239.6	492	QA2	0	0	0	0	69	35.4	1994	31	210	96	6.774	2.188	0.323	10.3	23.80
2068	40.2954	116.0588	-237.1	493	QA2	0	0	0	0	72	35.4	2085	50	216	102	4.320	2.118	0.490	10.3	23.80
2069	40.2950	116.0588	-236.9	492	QA2	0	0	0	0	75	35.4	1972	32	175	124	5.469	1.411	0.258	10.4	23.80
2070	40.2947	116.0588	-237.5	495	QTSU	0	0	0	0	72	35.5	1946	64	106	168	1.656	0.631	0.381	10.4	23.80
2071	40.2943	116.0588	-236.2	498	QTSU	0	0	0	0	75	38.2	2061	26	132	155	5.077	0.852	0.168	10.5	23.81
2072	40.2940	116.0588	-235.6	494	QTSU	0	0	0	0	73	38.1	2012	51	168	144	3.294	1.167	0.354	10.5	23.81
2073	40.2936	116.0588	-236.2	485	QTSU	0	0	0	0	73	38.0	2070	63	67	200	1.063	0.335	0.315	10.5	23.80
2074	40.2933	116.0588	-236.3	458	QTSU	0	0	0	0	73	37.4	2093	51	141	156	2.765	0.904	0.327	10.5	23.80
2075	40.2930	116.0588	-235.3	465	QTSU	0	0	0	0	77	37.6	2155	60	45	211	0.750	0.213	0.284	10.6	23.80
2076	40.2926	116.0588	-236.4	480	QTSU	0	0	0	0	82	37.9	2146	54	136	136	2.519	1.000	0.397	10.6	23.80
2077	40.2923	116.0588	-235.9	489	QTSU	0	0	0	0	83	38.0	2222	56	102	163	1.821	0.626	0.344	10.7	23.80
2078	40.2919	116.0588	-236.5	493	QTSU	0	0	0	0	79	38.1	2264	89	54	178	0.607	0.303	0.500	10.6	23.80
2079	40.2916	116.0588	-235.5	491	QTSU	0	0	0	0	75	38.1	2190	41	98	179	2.390	0.547	0.229	10.6	23.80

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2080	40.2912	116.0588	-237.3	494	QTSU	0	0	0	0	76	38.2	2159	54	116	145	2.148	0.800	0.372	10.6	23.79
2081	40.2909	116.0588	-237.9	493	QTSU	0	0	0	0	74	38.1	2357	69	128	181	1.855	0.707	0.381	10.6	23.79
2082	40.2905	116.0588	-238.2	491	QTSU	0	0	0	0	78	38.1	2146	68	65	200	0.956	0.325	0.340	10.6	23.79
2083	40.2902	116.0588	-238.6	487	QTSU	0	0	0	0	76	38.0	2365	66	153	162	2.318	0.944	0.407	10.6	23.79
2084	40.2898	116.0587	-238.8	463	QTSU	0	0	0	0	73	37.5	2127	76	77	148	1.013	0.520	0.514	10.6	23.79
2085	40.2895	116.0587	-239.0	445	QTSU	0	0	0	0	68	37.2	2038	67	44	174	0.657	0.253	0.385	10.6	23.78
2086	40.2891	116.0587	-238.7	435	QTSU	0	0	0	0	82	37.0	2061	36	101	226	2.806	0.447	0.159	10.6	23.78
2087	40.2888	116.0587	-237.4	448	QTSU	0	0	0	0	80	37.2	2260	60	92	183	1.533	0.503	0.328	10.7	23.77
2088	40.2884	116.0587	-237.6	457	QTSU	0	0	0	0	67	37.4	2318	70	63	201	0.900	0.313	0.348	10.7	23.77
2089	40.2881	116.0587	-238.2	460	QTSU	0	0	0	0	73	37.5	2107	71	58	177	0.817	0.328	0.401	10.6	23.77
2090	40.2878	116.0587	-237.7	463	QTSU	0	0	0	0	75	45.1	2269	73	68	170	0.932	0.400	0.429	10.6	23.76
2091	40.2874	116.0587	-238.3	459	QTSU	0	0	0	0	64	45.0	2190	57	72	158	1.263	0.456	0.361	10.6	23.76
2092	40.2871	116.0587	-239.6	453	QTSU	0	0	0	0	75	44.8	2158	68	130	151	1.912	0.861	0.450	10.6	23.77
2093	40.2867	116.0587	-240.1	464	QTSU	0	0	0	0	72	45.1	2322	61	116	163	1.902	0.712	0.374	10.6	23.77
2094	40.2864	116.0587	-241.9	464	QOA3	0	0	0	0	69	45.1	2319	76	97	200	1.276	0.485	0.380	10.5	23.77
2095	40.2860	116.0587	-240.9	452	QOA3	0	0	0	0	70	44.8	2222	71	105	161	1.479	0.652	0.441	10.5	23.76
2096	40.2857	116.0587	-240.3	428	QOA3	0	0	0	0	69	44.2	2136	38	148	155	3.895	0.955	0.245	10.5	23.77
2097	40.2853	116.0587	-240.2	399	QOA3	0	0	0	0	82	43.5	2221	63	114	158	1.810	0.722	0.399	10.5	23.77
2098	40.2850	116.0587	-238.9	374	QOA3	0	0	0	0	76	42.8	2180	59	118	160	2.000	0.737	0.369	10.4	23.77
2099	40.2846	116.0587	-236.0	375	QOA3	0	0	0	0	70	42.9	2262	63	163	150	2.587	1.087	0.420	10.4	23.77
2100	40.2843	116.0587	-233.7	380	QOA3	0	0	0	0	80	43.0	2173	57	125	190	2.193	0.658	0.300	10.4	23.77
2101	40.2839	116.0587	-233.5	391	QOA3	0	0	0	0	76	43.3	2278	73	52	223	0.712	0.233	0.327	10.4	23.77
2102	40.2836	116 0587	-234.3	391	QOA3	0	0	0	0	68	43.3	2264	76	110	144	1.447	0.764	0.528	10.3	23.77
2103	40.2833	116.0586	-233.8	389	QOA3	0	0	0	0	75	43.2	2346	54	147	163	2.722	0.902	0.331	10.2	23.77
2104	40.2829	116.0586	-233.2	380	QOA3	0	0	0	0	75	43.0	2265	72	32	215	0.444	0.149	0.335	10.2	23.77
2105	40.2826	116.0586	-232.7	367	QOA3	0	0	0	0	75	42.7	2378	68	140	172	2.059	0.814	0.395	10.2	23.77
2106	40.2822	116.0586	-234.3	359	QOA3	0	0	0	0	68	42.4	2228	54	135	183	2.500	0.738	0.295	10.1	23.77
2107	40.2819	116.0586	-233.2	353	QOA3	0	0	0	0	70	42.3	2249	76	56	219	0.737	0.256	0.347	10.1	23.77
2108	40.2815	116.0586	-230.7	349	QOA3	0	0	0	0	75	42.2	2134	60	99	181	1.650	0.547	0.331	10.0	23.77
2109	40.2812	116.0586	-230.6	349	QOA3	0	0	0	0	80	46.7	2310	64	121	198	1.891	0.611	0.323	10.0	23.77
2110	40.2808	116.0586	-229.2	344	QOA3	0	0	0	0	76	46.5	2295	64	139	190	2.172	0.732	0.337	9.9	23.78
2111	40.2805	116.0586	-227.0	339	QOA3	0	0	0	0	81	46.4	2179	58	132	163	2.276	0.810	0.356	9.9	23.78
2112	40.2801	116.0586	-227.6	340	QOA3	0	0	0	0	69	46.4	2278	89	36	226	0.404	0.159	0.394	9.9	23.78
2113	40.2798	116.0586	-227.2	334	QOA3	0	0	1	0	73	46.2	2266	61	24	263	0.393	0.091	0.232	9.8	23.79
2114	40.2794	116.0586	-225.8	325	QOA3	0	0	0	0	71	45.9	2216	67	82	208	1.224	0.394	0.322	9.8	23.79
2115	40.2791	116.0586	-225.9	323	QOA3	0	0	0	0	75	45.9	2239	58	108	191	1.862	0.565	0.304	9.7	23.79
2116	40.2788	116.0586	-224.9	326	QOA3	0	0	0	0	73	46.0	2255	48	135	224	2.813	0.603	0.214	9.6	23.79
2117	40.2784	116.0586	-224.0	325	QOA3	0	0	0	0	75	45.9	2089	67	110	164	1.642	0.671	0.409	9.6	23.79
2118	40.2781	116.0586	-222.1	322	QOA3	0	0	0	0	79	45.8	2101	57	125	181	2.193	0.691	0.315	9.6	23.79
2119	40.2777	116.0586	-221.2	319	QOA3	0	0	0	0	79	45.7	2229	57	116	189	2.035	0.614	0.302	9.6	23.79
2120	40.2774	116.0586	-218.0	319	QOA3	0	0	0	0	70	45.7	2137	71	78	239	1.099	0.326	0.297	9.6	23.80
2121	40.2770	116.0586	-218.3	320	QOA3	0	0	0	0	73	45.8	2166	66	112	160	1.697	0.700	0.413	9.5	23.79
2122	40.2767	116.0586	-216.6	319	QOA3	0	0	0	0	68	45.7	2298	74	101	208	1.365	0.486	0.356	9.5	23.79
2123	40.2763	116.0585	-214.4	314	QOA3	0	0	0	0	69	45.6	2197	61	110	173	1.803	0.636	0.353	9.6	23.80
2124	40.2760	116.0585	-213.0	310	QOA3	0	0	0	0	81	45.5	2176	72	129	165	1.792	0.782	0.436	9.5	23.80
2125	40.2756	116.0585	-210.9	309	QOA3	0	0	0	0	74	45.4	2231	69	80	203	1.159	0.394	0.340	9.5	23.80
2126	40.2753	116.0585	-210.0	304	QOA3	0	0	0	0	76	45.3	2202	73	155	178	2.123	0.871	0.410	9.5	23.81
2127	40.2749	116.0585	-208.7	308	QOA3	0	0	0	0	85	45.4	2327	49	138	191	2.816	0.723	0.257	9.5	23.80
2128	40.2746	116.0585	-206.3	311	QOA3	0	0	0	0	71	50.5	2228	55	107	240	1.945	0.446	0.229	9.4	23.80
2129	40.2742	116.0585	-207.3	311	QOA3	0	0	0	0	77	50.5	2241	80	97	201	1.213	0.483	0.398	9.5	23.80
2130	40.2739	116.0585	-205.1	316	QOA3	0	0	0	0	75	50.6	2104	64	109	193	1.703	0.565	0.332	9.5	23.80
2131	40.2736	116.0585	-205.7	320	QOA3	0	0	0	0	73	50.8	2223	79	79	172	1.000	0.459	0.459	9.5	23.79
2132	40.2732	116.0585	-206.2	324	QOA3	0	0	0	0	69	50.9	2185	43	116	233	2.698	0.498	0.185	9.4	23.79
2133	40.2729	116.0585	-205.4	330	QOA3	0	0	0	0	72	51.1	2265	76	131	162	1.724	0.809	0.469	9.4	23.79

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2135	40.2722	116.0585	-207.0	340	QOA3	0	0	0	0	72	51.5	2213	81	80	170	0.988	0.471	0.476	9.4	23.78
2136	40.2718	116.0585	-203.9	349	QOA3	0	0	0	0	70	51.8	2097	62	166	139	2.677	1.194	0.446	9.3	23.78
2137	40.2715	116.0585	-204.6	372	QOA3	0	0	0	0	69	52.5	2026	55	174	113	3.164	1.540	0.487	9.3	23.77
2138	40.2711	116.0585	-206.0	387	QOA3	0	0	0	0	78	53.0	2090	56	72	198	1.286	0.364	0.283	9.3	23.77
2139	40.2708	116.0585	-209.7	403	QOA3	0	0	0	0	77	53.5	2089	51	62	184	1.216	0.337	0.277	9.4	23.77
2140	40.2704	116.0585	-211.8	429	QOA3	0	0	0	0	77	54.3	1949	72	39	133	0.542	0.293	0.541	9.3	23.76
2141	40.2700	116.0585	-214.9	478	QOA3	0	0	0	0	78	55.8	1933	32	110	137	3.438	0.803	0.234	9.2	23.76
2142	40.2696	116.0585	-219.7	498	QOA3	0	0	0	0	77	56.3	2151	53	157	152	2.962	1.033	0.349	9.3	23.75
2143	40.2692	116.0586	-226.0	500	QOA3	0	0	0	0	68	56.4	2006	44	111	123	2.523	0.902	0.358	9.3	23.75
2144	40.2687	116.0586	-229.0	500	QOA3	0	0	0	0	71	56.4	1976	67	59	137	0.881	0.431	0.489	9.3	23.75
2145	40.2683	116.0586	-232.5	494	QOA3	0	0	0	0	79	56.[illegible]	1959	43	81	155	1.884	0.523	0.277	9.3	23.73
2146	40.2679	116.0586	-231.5	495	QOA3	0	0	0	0	80	56.[illegible]	2074	49	113	163	2.306	0.693	0.301	9.3	23.73
2147	40.2675	116.0587	-231.6	492	QOA3	0	0	0	0	69	56.[illegible]	2158	65	119	148	1.831	0.804	0.439	9.3	23.73
2148	40.2670	116.0587	-230.5	472	QOA3	0	0	0	0	77	43.7	2019	72	105	143	1.458	0.734	0.503	9.4	23.73
2149	40.2666	116.0587	-228.9	429	QOA3	0	0	0	0	74	42.7	2059	56	135	136	2.411	0.993	0.412	9.5	23.72
2150	40.2662	116.0588	-231.3	434	DWU	0	0	0	0	78	42.8	2074	40	155	159	3.875	0.975	0.252	9.4	23.71
2151	40.2657	116.0588	-230.3	441	DWU	0	0	0	0	81	43.0	2129	56	132	174	2.357	0.759	0.322	9.4	23.71
2152	40.2653	116.0588	-232.7	452	DWU	0	0	0	0	69	43.2	2148	76	31	212	0.408	0.146	0.358	9.3	23.70
2153	40.2649	116.0589	-234.4	454	DWU	0	0	0	0	85	43.3	2093	57	105	180	1.842	0.583	0.317	9.3	23.69
2154	40.2645	116.0589	-235.2	458	DWU	0	0	0	0	75	43.4	2065	49	119	230	2.429	0.517	0.213	9.3	23.69
2155	40.2640	116.0589	-236.4	463	DWU	0	0	0	0	73	43.5	2080	71	64	171	0.901	0.374	0.415	9.3	23.69
2156	40.2636	116.0590	-236.9	470	DWU	0	0	0	0	80	43.7	2299	59	106	152	1.797	0.697	0.388	9.2	23.69
2157	40.2632	116.0590	-237.1	473	DWU	0	0	0	0	82	43.7	2049	34	160	143	4.706	1.119	0.238	9.1	23.69
2158	40.2628	116.0590	-238.4	468	DWU	0	0	0	0	87	43.6	1886	51	105	137	2.059	0.766	0.372	9.1	23.68
2159	40.2623	116.0590	-239.7	461	DWU	0	0	0	0	75	43.5	1991	36	143	161	3.972	0.888	0.224	9.1	23.68
2160	40.2619	116.0591	-242.2	461	DWU	0	0	0	0	71	43.5	2036	51	91	166	1.784	0.548	0.307	9.1	23.68
2161	40.2615	116.0591	-242.5	452	DWU	0	0	0	0	81	43.2	1893	48	116	149	2.417	0.779	0.322	9.1	23.68
2162	40.2610	116.0591	-241.2	441	DWU	0	0	0	0	74	43.0	1892	52	107	121	2.058	0.884	0.430	9.0	23.68
2163	40.2606	116.0592	-242.7	436	DWU	0	0	0	0	69	42.9	2017	80	31	150	0.387	0.207	0.533	9.1	23.69
2164	40.2602	116.0592	-246.2	433	DWU	0	0	0	0	77	42.8	1943	46	89	155	1.935	0.574	0.297	9.1	23.69
2165	40.2598	116.0592	-245.2	435	DWU	0	0	0	0	76	42.9	1866	43	146	135	3.395	1.081	0.319	9.1	23.69
2166	40.2593	116.0593	-247.3	430	DWU	0	0	0	0	70	42.7	1872	36	148	95	4.111	1.558	0.379	9.1	23.69
2168	40.2585	116.0593	-249.7	409	DWU	0	0	0	0	80	27.3	1799	48	123	101	2.563	1.218	0.475	9.2	23.70
2169	40.2581	116.0594	-250.5	403	DWU	0	0	0	0	79	27.3	1736	28	179	111	6.393	1.613	0.252	9.2	23.70
2170	40.2576	116.0594	-251.9	390	DWU	0	0	0	0	81	27.0	1737	48	158	118	3.292	1.339	0.407	9.2	23.70
2171	40.2572	116.0594	-253.9	384	DWU	0	0	0	0	76	26.9	1751	50	81	147	1.620	0.551	0.340	9.3	23.70
2172	40.2568	116.0595	-253.6	371	DWU	0	0	0	0	74	26.7	1863	49	109	136	2.224	0.801	0.360	9.3	23.71
2173	40.2564	116.0595	-253.3	371	DWU	0	0	0	0	74	26.7	1763	50	113	112	2.260	1.009	0.446	9.3	23.71
2174	40.2559	116.0595	-254.3	374	DWU	0	0	0	0	67	26.8	1735	47	152	90	3.234	1.689	0.522	9.3	23.70
2175	40.2555	116.0595	-253.5	386	DWU	0	0	0	0	79	27.0	1833	36	128	129	3.556	0.992	0.279	9.4	23.70
2176	40.2551	116.0596	-254.4	367	DWU	0	0	0	0	68	26.7	1786	32	147	126	4.594	1.167	0.254	9.3	23.70
2177	40.2546	116.0596	-252.4	362	DWU	0	0	0	0	80	26.6	1721	27	192	89	7.111	2.157	0.303	9.3	23.69
2178	40.2542	116.0596	-253.7	366	DWU	0	0	0	0	67	26.6	1731	37	110	154	2.973	0.714	0.240	9.4	23.69
2179	40.2538	116.0597	-252.4	373	DWU	0	0	0	0	86	26.8	1676	28	98	130	3.500	0.754	0.215	9.5	23.68
2180	40.2534	116.0597	-253.0	365	DWU	0	0	0	0	75	26.6	1667	42	129	97	3.071	1.330	0.433	9.5	23.68
2181	40.2529	116.0597	-252.9	370	DWU	0	0	0	0	79	26.7	1685	30	106	118	3.533	0.898	0.254	9.4	23.68
2182	40.2525	116.0598	-253.7	367	DWU	0	0	0	0	76	26.7	1727	25	130	134	5.200	0.970	0.187	9.4	23.68
2183	40.2521	116.0598	-253.1	373	DWU	0	0	0	0	77	26.8	1686	23	119	149	5.174	0.799	0.154	9.3	23.67
2184	40.2517	116.0598	-252.2	363	DWU	0	0	0	0	82	26.6	1786	40	121	95	3.025	1.274	0.421	9.4	23.67
2185	40.2512	116.0599	-251.5	363	DWU	0	0	0	0	81	26.6	1692	27	113	121	4.185	0.934	0.223	9.4	23.66
2186	40.2508	116.0599	-251.2	372	DWU	0	0	1	0	72	26.7	1767	51	23	145	0.451	0.159	0.352	9.4	23.66
2187	40.2504	116.0599	-251.3	385	DWU	0	0	0	0	85	27.8	1720	31	119	146	3.839	0.815	0.212	9.4	23.66
2188	40.2500	116.0599	-252.9	385	DWU	0	0	0	0	75	27.8	1949	56	96	110	1.714	0.873	0.509	9.4	23.66
2190	40.2491	116.0600	-251.2	346	DWU	0	0	0	0	90	27.1	1635	29	183	91	6.310	2.011	0.319	9.4	23.64

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2191	40.2487	116.0600	-251.8	335	DWU	0	0	0	0	76	26.9	1710	30	131	105	4.367	1.248	0.286	9.3	23.65
2192	40.2482	116.0601	-251.6	327	DWU	0	0	0	0	74	26.8	1834	53	67	101	1.264	0.663	0.525	9.2	23.64
2193	40.2479	116.0601	-251.1	332	DWU	0	0	0	0	69	26.8	1763	28	121	135	4.321	0.896	0.207	9.2	23.64
2194	40.2475	116.0601	-251.0	354	DWU	0	0	0	0	74	27.2	1972	35	107	124	3.057	0.863	0.282	9.2	23.64
2195	40.2472	116.0601	-252.3	358	DWU	0	0	0	0	71	27.3	1773	26	181	94	6.962	1.926	0.277	9.2	23.64
2196	40.2468	116.0601	-252.2	346	DWU	0	0	0	0	72	27.1	1686	45	48	106	1.067	0.453	0.425	9.1	23.64
2197	40.2465	116.0601	-251.7	354	DWU	0	0	0	0	68	27.2	1739	33	112	138	3.394	0.812	0.239	9.1	23.63
2198	40.2461	116.0601	-252.4	360	DWU	0	0	0	0	74	27.3	1889	29	149	92	5.138	1.620	0.315	9.0	23.63
2199	40.2457	116.0601	-252.4	344	DWU	0	0	0	0	75	27.1	1757	32	72	158	2.250	0.456	0.203	9.1	23.63
2200	40.2454	116.0601	-252.1	322	DWU	0	0	0	0	68	26.7	1720	28	128	119	4.571	1.076	0.235	9.1	23.63
2201	40.2450	116.0601	-251.7	317	DWU	0	0	0	0	84	26.6	1746	33	158	98	4.788	1.612	0.337	9.0	23.62
2202	40.2447	116.0601	-252.1	331	DWU	0	0	0	0	76	26.8	1909	37	135	145	3.649	0.931	0.255	8.9	23.62
2203	40.2443	116.0601	-253.5	354	DWU	0	0	0	0	74	27.2	1892	42	127	125	3.024	1.016	0.336	9.0	23.61
2204	40.2439	116.0601	-252.5	354	DWU	0	0	0	0	77	27.2	1816	35	90	144	2.571	0.625	0.243	9.0	23.60
2205	40.2436	116.0601	-251.2	341	DWU	0	0	0	0	86	27.0	1750	29	168	89	5.793	1.888	0.326	9.0	23.60
2206	40.2432	116.0601	-252.1	324	DWU	0	0	0	0	71	26.7	1786	46	51	138	1.109	0.370	0.333	9.0	23.60
2207	40.2429	116.0601	-252.2	317	DWU	0	0	0	0	73	28.0	1607	32	89	113	2.781	0.788	0.283	9.0	23.60
2208	40.2425	116.0601	-253.3	321	DWU	0	0	0	0	84	28.0	1729	29	77	152	2.655	0.507	0.191	9.0	23.60
2209	40.2422	116.0601	-253.0	334	DWU	0	0	0	0	77	28.3	1731	39	101	127	2.590	0.795	0.307	9.1	23.59
2210	40.2418	116.0601	-253.6	339	DWU	0	0	0	0	82	28.6	1897	37	134	125	3.622	1.072	0.296	9.1	23.58
2211	40.2414	116.0602	-253.0	344	DWU	0	0	0	0	79	28.5	1784	42	154	103	3.667	1.495	0.408	9.1	23.57
2212	40.2411	116.0602	-252.5	342	DWU	0	0	0	0	83	28.4	1775	29	99	153	3.414	0.647	0.190	9.2	23.57
2213	40.2407	116.0602	-252.2	356	DWU	0	0	0	0	73	28.7	1753	48	125	94	2.604	1.330	0.511	9.2	23.56
2214	40.2404	116.0602	-252.3	379	DWU	0	0	0	0	77	29.1	1880	50	133	103	2.660	1.291	0.485	9.1	23.56
2215	40.2400	116.0602	-252.2	378	DWU	0	0	0	0	73	29.1	1854	44	134	132	3.045	1.015	0.333	9.2	23.55
2216	40.2396	116.0602	-253.2	351	DWU	0	0	0	0	76	28.6	1881	37	150	121	4.054	1.240	0.306	9.1	23.53
2217	40.2393	116.0602	-254.1	340	DWU	0	0	0	0	91	28.4	1748	30	125	137	4.167	0.912	0.219	9.1	23.52
2218	40.2389	116.0602	-254.6	337	DWU	0	0	0	0	70	28.3	1806	25	167	127	6.680	1.315	0.197	9.1	23.52
2219	40.2386	116.0602	-254.2	336	DWU	0	0	0	0	82	28.3	1762	26	134	141	5.154	0.950	0.184	9.1	23.51
2220	40.2382	116.0602	-253.4	316	DWU	0	0	0	0	74	27.9	1670	27	126	113	4.667	1.115	0.239	9.0	23.50
2221	40.2379	116.0602	-255.0	310	DWU	0	0	0	0	80	27.8	1677	36	138	105	3.833	1.314	0.343	9.0	23.49
2222	40.2375	116.0602	-252.8	321	DWU	0	0	0	0	71	28.0	1583	32	112	81	3.500	1.383	0.395	9.0	23.47
2223	40.2371	116.0602	-252.7	334	DWU	0	0	0	0	77	28.3	1576	29	74	130	2.552	0.569	0.223	9.0	23.47
2224	40.2368	116.0602	-253.1	349	DWU	0	0	0	0	76	28.6	1594	12	153	104	12.750	1.471	0.115	9.1	23.47
2225	40.2364	116.0602	-253.4	379	DWU	0	0	0	0	81	29.1	1532	26	80	122	3.077	0.656	0.213	9.0	23.47
2226	40.2361	116.0602	-252.9	412	DWU	0	0	0	0	74	42.3	1839	39	88	148	2.256	0.595	0.264	9.1	23.47
2227	40.2357	116.0602	-253.2	452	DWU	0	0	0	0	68	43.3	1799	31	167	115	5.387	1.452	0.270	9.1	23.47
2228	40.2353	116.0602	-252.4	489	DWU	0	0	0	0	86	44.1	2078	56	94	135	1.679	0.696	0.415	9.1	23.47
2229	40.2350	116.0602	-252.9	471	DWU	0	0	0	0	74	43.7	2053	24	154	124	6.417	1.242	0.194	9.0	23.47
2230	40.2346	116.0602	-252.5	460	OVI	0	0	0	0	74	43.5	1901	32	111	120	2.921	0.925	0.317	8.9	23.47
2231	40.2343	116.0602	-251.2	472	OVI	0	0	0	0	80	43.7	1974	16	173	147	10.813	1.177	0.109	8.8	23.46
2232	40.2339	116.0602	-253.9	489	OVI	0	0	0	0	83	44.1	2044	34	54	202	1.588	0.267	0.168	8.8	23.47
2233	40.2336	116.0602	-252.9	493	OVI	0	0	0	0	95	44.2	2137	28	174	120	6.214	1.450	0.233	8.8	23.47
2234	40.2332	116.0602	-253.0	482	OVI	0	0	0	0	76	44.0	2143	43	154	157	3.581	0.981	0.274	8.8	23.46
2235	40.2328	116.0603	-253.0	462	OVI	0	0	0	0	77	43.5	2042	59	59	180	1.000	0.328	0.328	8.8	23.46
2236	40.2325	116.0603	-252.4	450	OVI	0	0	0	0	78	43.2	1978	24	139	139	5.792	1.000	0.173	8.8	23.47
2237	40.2321	116.0603	-252.3	444	OVI	0	0	0	0	79	43.1	1902	40	145	93	3.625	1.559	0.430	8.8	23.47
2238	40.2318	116.0603	-253.1	443	OVI	0	0	0	0	76	43.1	1843	46	83	112	1.804	0.741	0.411	8.7	23.46
2239	40.2314	116.0603	-253.5	459	OVI	0	0	0	0	80	43.4	1936	38	124	149	3.263	0.832	0.255	8.6	23.46
2240	40.2311	116.0603	-253.6	484	OVI	0	0	0	0	81	44.0	2009	33	185	111	5.606	1.667	0.297	8.6	23.47
2241	40.2307	116.0603	-252.0	473	OVI	0	0	0	0	81	43.7	1919	51	29	188	0.569	0.154	0.271	8.6	23.47
2242	40.2303	116.0603	-252.5	447	OVI	0	0	0	0	82	43.1	1933	42	127	104	3.024	1.221	0.404	8.6	23.47
2243	40.2300	116.0603	-253.6	436	OVI	0	0	0	0	68	42.9	1840	13	168	118	12.923	1.424	0.110	8.6	23.46
2244	40.2296	116.0603	-253.4	438	OVI	0	0	0	0	73	42.9	1762	23	138	123	6.000	1.122	0.187	8.6	23.46

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2245	40.2293	116.0603	-253.0	439	OVI	0	0	0	0	83	40.5	1781	36	118	83	3.278	1.422	0.434	8.5	23.46
2246	40.2289	116.0603	-252.9	458	OVI	0	0	0	0	84	40.9	1802	25	89	153	3.560	0.582	0.163	8.5	23.46
2247	40.2285	116.0603	-255.0	483	OVI	0	0	0	0	84	41.5	1842	52	107	78	2.058	1.372	0.667	8.5	23.45
2248	40.2282	116.0603	-253.2	490	OVI	0	0	0	0	83	41.6	1818	27	64	152	2.370	0.421	0.178	8.5	23.45
2249	40.2278	116.0603	-253.5	494	OVI	0	0	0	0	73	41.7	1822	37	118	104	3.189	1.135	0.356	8.5	23.44
2250	40.2275	116.0603	-253.5	496	OVI	0	0	0	0	82	41.8	1966	11	142	133	12.909	1.068	0.083	8.4	23.44
2251	40.2271	116.0603	-252.3	499	OVI	0	0	0	0	79	41.8	1875	47	139	68	2.957	2.044	0.691	8.4	23.43
2252	40.2268	116.0603	-252.9	497	OVI	0	0	0	0	82	41.8	1843	29	138	100	4.759	1.380	0.290	8.3	23.42
2253	40.2264	116.0603	-252.6	498	OVI	0	0	0	0	87	41.8	1857	43	73	117	1.698	0.624	0.368	8.3	23.42
2254	40.2260	116.0603	-252.6	482	OVI	0	0	0	0	75	41.5	1736	41	85	90	2.073	0.944	0.456	8.2	23.40
2255	40.2257	116.0603	-254.0	437	OVI	0	0	0	0	84	40.5	1554	31	84	71	2.710	1.183	0.437	8.2	23.39
2256	40.2253	116.0603	-255.0	412	OVI	0	0	0	0	79	39.9	1389	30	41	92	1.367	0.446	0.326	8.2	23.39
2257	40.2250	116.0603	-254.2	397	OVI	0	0	0	0	80	39.6	1361	23	73	67	3.174	1.090	0.343	8.2	23.39
2258	40.2246	116.0603	-254.2	400	OVI	0	0	0	0	81	39.6	1354	21	67	54	3.190	1.241	0.389	8.2	23.39
2259	40.2242	116.0603	-254.2	409	OVI	0	0	0	0	85	39.8	1397	8	106	56	13.250	1.893	0.143	8.1	23.38
2260	40.2239	116.0603	-253.8	433	OVI	0	0	1	0	75	40.4	1265	33	1	82	0.030	0.012	0.402	8.1	23.38
2261	40.2235	116.0603	-253.2	480	OVI	0	0	0	0	81	41.4	1395	26	31	72	1.192	0.431	0.361	8.0	23.38
2262	40.2232	116.0603	-253.4	528	OVI	0	1	0	0	76	42.4	1388	12	120	17	10.000	7.059	0.706	7.9	23.37
2263	40.2228	116.0603	-253.0	551	OVI	0	0	0	0	82	42.9	1472	18	43	94	2.389	0.457	0.191	7.8	23.37
2264	40.2225	116.0603	-252.8	524	OVI	0	0	0	0	74	45.1	1374	18	59	74	3.278	0.797	0.243	7.8	23.36
2265	40.2221	116.0603	-253.3	499	OVI	0	0	0	0	81	44.5	1444	22	63	78	2.864	0.808	0.282	7.8	23.36
2266	40.2217	116.0603	-253.6	493	OVI	0	0	0	0	79	44.4	1433	40	53	66	1.325	0.803	0.606	7.8	23.35
2267	40.2214	116.0603	-252.8	480	OVI	0	0	0	0	80	44.1	1444	30	43	82	1.433	0.524	0.366	7.7	23.34
2268	40.2210	116.0603	-253.0	460	OVI	0	0	0	0	75	43.7	1478	27	114	60	4.222	1.900	0.450	7.7	23.33
2269	40.2207	116.0603	-252.7	439	OVI	0	0	0	0	68	43.1	1430	28	94	68	3.357	1.382	0.412	7.7	23.32
2270	40.2203	116.0603	-254.4	397	DN1	0	0	0	0	74	42.1	1381	28	96	67	3.429	1.433	0.418	7.6	23.32
2271	40.2199	116.0603	-253.9	376	DN1	0	0	1	0	85	41.6	1347	37	16	67	0.432	0.239	0.552	7.6	23.31
2272	40.2196	116.0603	-253.0	364	DN1	0	0	0	0	81	41.3	1348	30	112	39	3.733	2.872	0.769	7.6	23.31
2273	40.2192	116.0603	-252.9	359	DN1	0	0	0	0	77	41.2	1365	14	141	44	10.071	3.205	0.318	7.5	23.31
2274	40.2189	116.0603	-252.9	360	DN1	0	0	0	0	83	41.2	1317	25	58	85	2.320	0.682	0.294	7.4	23.30
2275	40.2185	116.0604	-252.2	358	DN1	0	0	0	0	82	41.1	1342	10	109	77	10.900	1.416	0.130	7.4	23.29
2276	40.2182	116.0604	-252.7	369	DN1	0	0	0	0	83	41.4	1358	24	93	51	3.875	1.824	0.471	7.3	23.28
2277	40.2178	116.0604	-252.6	383	DN1	0	0	0	0	83	41.8	1369	12	125	56	10.417	2.232	0.214	7.2	23.28
2278	40.2174	116.0604	-253.3	399	DN1	0	0	0	0	86	42.2	1429	31	83	56	2.677	1.482	0.554	7.1	23.27
2279	40.2171	116.0604	-253.2	415	DN1	0	0	0	0	84	42.6	1472	13	147	63	11.308	2.333	0.206	7.0	23.27
2280	40.2167	116.0604	-251.7	430	DN1	0	0	0	0	84	42.9	1544	22	118	83	5.364	1.422	0.265	7.0	23.26
2281	40.2164	116.0604	-251.4	438	DN1	0	0	0	0	78	43.1	1456	26	76	61	2.923	1.246	0.426	6.9	23.25
2282	40.2160	116.0604	-250.2	463	DN1	0	0	0	0	81	43.7	1449	17	65	104	3.824	0.625	0.163	6.9	23.24
2283	40.2157	116.0604	-251.1	490	DN1	0	0	0	0	72	35.4	1398	20	78	66	3.900	1.182	0.303	6.8	23.23
2284	40.2153	116.0604	-250.9	490	DN1	0	0	0	0	88	35.4	1499	23	67	84	2.913	0.798	0.274	6.8	23.22
2285	40.2149	116.0604	-252.8	471	DN1	0	0	0	0	87	35.1	1455	28	69	91	2.464	0.758	0.308	6.7	23.20
2286	40.2146	116.0604	-253.8	454	DN1	0	0	0	0	85	34.8	1467	29	36	96	1.241	0.375	0.302	6.6	23.18
2287	40.2142	116.0604	-253.5	463	DN1	0	0	0	0	83	34.9	1333	38	85	49	2.237	1.735	0.776	6.5	23.16
2288	40.2139	116.0604	-254.4	481	DN1	0	0	0	0	80	35.3	1327	17	89	54	5.235	1.648	0.315	6.4	23.15
2289	40.2135	116.0604	-252.9	483	DN1	0	0	0	0	78	35.3	1348	25	62	80	2.480	0.775	0.313	6.5	23.13
2290	40.2131	116.0604	-254.3	476	SI	0	0	0	0	78	35.2	1362	35	70	73	2.000	0.959	0.479	6.5	23.11
2291	40.2128	116.0604	-254.2	462	SI	0	0	0	0	76	34.9	1362	18	97	47	5.389	2.064	0.383	6.4	23.10
2292	40.2124	116.0604	-253.2	443	SI	0	0	0	0	84	34.6	1230	18	64	67	3.556	0.955	0.269	6.3	23.08
2293	40.2121	116.0604	-254.8	408	SI	0	0	0	0	73	33.9	1232	17	75	55	4.412	1.364	0.309	6.3	23.06
2294	40.2117	116.0604	-257.0	389	SI	0	0	0	0	73	33.5	1263	24	59	71	2.458	0.831	0.338	6.3	23.04
2295	40.2114	116.0604	-256.5	367	SI	0	0	0	0	80	33.1	1170	16	93	53	5.813	1.755	0.302	6.3	23.02
2296	40.2110	116.0604	-257.4	354	SI	0	0	0	0	82	32.8	1096	26	61	55	2.346	1.109	0.473	6.3	23.00
2297	40.2106	116.0604	-255.5	353	SI	0	0	0	0	76	32.8	1143	21	98	16	4.667	6.125	1.313	6.3	22.98
2298	40.2103	116.0604	-259.7	355	SI	0	0	0	0	89	32.8	1042	24	46	38	1.917	1.211	0.632	6.2	22.96

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2299	40.2099	116.0604	-259.3	358	SI	0	0	0	0	86	32.9	1081	19	40	35	2.105	1.143	0.543	6.2	22.93
2300	40.2096	116.0604	-256.7	346	SI	0	0	0	0	94	32.6	1047	20	44	56	2.200	0.786	0.357	6.2	22.92
2301	40.2092	116.0604	-255.6	330	SI	0	1	0	0	76	32.3	1031	20	95	9	4.750	10.556	2.222	6.1	22.90
2302	40.2089	116.0604	-257.2	322	SI	0	0	0	0	96	35.2	997	28	37	16	1.321	2.313	1.750	6.1	22.89
2303	40.2085	116.0604	-257.9	311	SI	0	0	0	0	82	35.0	1055	16	69	47	4.313	1.468	0.340	6.0	22.87
2304	40.2081	116.0604	-257.1	320	SI	0	0	0	0	90	35.2	1038	14	53	43	3.786	1.233	0.326	6.0	22.85
2305	40.2078	116.0604	-258.5	335	SI	0	0	0	0	89	35.5	1090	7	98	34	14.000	2.882	0.206	5.9	22.83
2306	40.2074	116.0604	-256.8	313	SI	0	0	1	0	94	35.0	1035	15	4	72	0.267	0.056	0.208	5.8	22.81
2307	40.2071	116.0604	-258.8	281	SI	0	0	0	0	70	34.2	1019	23	32	29	1.391	1.103	0.793	5.7	22.80
2308	40.2067	116.0604	-259.3	256	SI	0	0	0	1	97	33.6	987	1	65	55	65.000	1.182	0.018	5.6	22.78
2309	40.2063	116.0604	-257.3	231	SI	0	0	0	0	87	33.0	913	13	65	23	5.000	2.826	0.565	5.6	22.76
2310	40.2060	116.0604	-258.7	226	SI	0	0	0	0	95	32.8	935	10	76	37	7.600	2.054	0.270	5.6	22.74
2311	40.2056	116.0604	-257.0	230	SI	0	0	0	0	82	32.9	879	6	41	37	6.833	1.108	0.162	5.5	22.73
2312	40.2053	116.0604	-258.4	239	SI	0	0	0	0	89	33.2	874	12	49	37	4.083	1.324	0.324	5.4	22.73
2313	40.2049	116.0604	-257.1	261	SI	0	0	0	0	82	33.7	963	10	60	32	6.000	1.875	0.313	5.4	22.72
2314	40.2046	116.0604	-255.4	287	SI	0	0	0	1	95	34.4	1001	6	78	37	13.000	2.108	0.162	5.3	22.72
2315	40.2042	116.0604	-256.9	319	SI	0	0	0	0	78	35.2	1023	13	27	77	2.077	0.351	0.169	5.4	22.72
2316	40.2038	116.0604	-256.1	338	SI	0	0	0	0	89	35.6	1119	16	74	39	4.625	1.897	0.410	5.3	22.71
2317	40.2035	116.0604	-256.8	344	SI	0	0	1	0	92	35.7	1090	25	9	68	0.360	0.132	0.368	5.3	22.71
2318	40.2031	116.0604	-257.0	334	SI	0	0	0	0	89	35.5	1096	20	88	36	4.400	2.444	0.556	5.2	22.71
2319	40.2028	116.0604	-257.8	302	SI	0	0	0	0	82	34.8	1056	9	89	45	9.889	1.978	0.200	5.2	22.70
2320	40.2024	116.0604	-258.1	270	SI	0	0	0	0	92	34.0	923	15	35	39	2.333	0.897	0.385	5.1	22.70
2321	40.2020	116.0604	-258.2	295	SI	0	0	0	0	86	28.6	955	15	44	25	2.933	1.760	0.600	5.0	22.70
2322	40.2017	116.0604	-258.7	364	SI	0	0	0	0	95	30.0	976	18	36	23	2.000	1.565	0.783	5.0	22.70
2323	40.2013	116.0604	-258.6	442	SI	0	0	0	0	94	31.3	1202	28	40	61	1.429	0.656	0.459	4.9	22.69
2324	40.2010	116.0604	-257.7	496	SI	0	0	0	0	93	32.3	1172	12	69	41	5.750	1.683	0.293	4.9	22.69
2325	40.2006	116.0604	-257.0	551	SI	0	0	0	1	96	33.1	1310	5	94	43	18.800	2.186	0.116	4.9	22.69
2326	40.2003	116.0604	-257.5	560	SI	0	0	0	0	81	33.3	1165	10	58	51	5.800	1.137	0.196	4.8	22.69
2327	40.1999	116.0604	-257.1	550	SI	0	0	1	0	95	33.1	1166	19	13	40	0.684	0.325	0.475	4.8	22.68
2328	40.1995	116.0604	-257.4	533	SI	0	0	0	1	89	32.8	1233	7	51	51	7.286	1.000	0.137	4.7	22.68
2329	40.1992	116.0604	-258.5	498	SI	0	0	0	0	86	32.3	1154	26	51	41	1.962	1.244	0.634	4.7	22.68
2330	40.1988	116.0604	-258.0	499	SI	0	0	0	0	93	32.3	1180	15	37	29	2.467	1.276	0.517	4.7	22.69
2331	40.1985	116.0604	-258.3	498	SI	0	0	0	0	85	32.3	1157	17	63	33	5.706	1.909	0.515	4.7	22.69
2332	40.1981	116.0604	-259.0	510	SI	0	0	0	0	84	32.5	1096	26	40	44	1.538	0.909	0.591	4.6	22.68
2333	40.1978	116.0604	-258.5	546	SI	0	0	0	0	90	33.0	1182	13	82	25	6.308	3.280	0.520	4.7	22.67
2334	40.1974	116.0604	-257.9	565	SI	0	0	0	0	93	33.3	1184	18	26	58	1.444	0.448	0.310	4.7	22.66
2335	40.1970	116.0604	-259.2	532	SI	0	0	0	1	94	32.8	1094	3	69	36	23.000	1.917	0.083	4.6	22.66
2336	40.1967	116.0604	-259.3	498	SI	0	0	0	0	81	32.3	1217	11	59	59	5.364	1.000	0.186	4.6	22.65
2337	40.1963	116.0604	-259.1	474	SI	0	0	0	1	89	31.9	1162	2	86	31	43.000	2.774	0.065	4.6	22.64
2338	40.1960	116.0604	-260.8	418	SI	0	0	0	0	88	30.9	1077	10	37	63	3.700	0.587	0.159	4.5	22.63
2339	40.1956	116.0604	-261.6	363	SI	0	0	1	0	90	29.9	1080	13	9	51	0.692	0.176	0.255	4.5	22.62
2340	40.1952	116.0604	-262.5	319	SI	0	0	1	0	91	34.4	949	15	-17	77	-1.133	-0.221	0.195	4.4	22.61
2341	40.1949	116.0604	-262.1	286	SI	0	0	0	0	98	33.7	929	8	68	19	8.500	3.579	0.421	4.4	22.61
2342	40.1945	116.0604	-260.5	276	SI	0	0	0	0	86	33.4	917	9	61	35	6.778	1.743	0.257	4.4	22.60
2343	40.1942	116.0604	-261.0	281	SI	0	0	0	0	90	33.5	894	14	34	42	2.429	0.810	0.333	4.4	22.60
2344	40.1938	116.0604	-261.1	309	SI	0	0	0	0	84	34.2	895	7	44	30	6.286	1.467	0.233	4.3	22.60
2345	40.1935	116.0604	-261.1	369	SI	0	0	0	0	92	35.6	914	11	45	34	4.091	1.324	0.324	4.2	22.60
2346	40.1931	116.0604	-261.0	425	SI	0	0	0	0	95	36.8	960	11	23	38	2.091	0.605	0.289	4.1	22.60
2347	40.1927	116.0604	-261.4	465	SI	0	0	0	1	86	37.6	1024	6	60	24	10.000	2.500	0.250	4.1	22.59
2348	40.1924	116.0604	-261.0	492	SI	0	0	0	0	82	38.1	1131	14	86	20	6.143	4.300	0.700	4.0	22.59
2349	40.1920	116.0604	-260.4	508	SI	0	0	0	0	91	38.4	1128	8	38	33	4.750	1.152	0.242	4.0	22.58
2350	40.1917	116.0604	-260.1	550	SI	0	0	0	0	97	39.2	1168	29	44	21	1.517	2.095	1.381	3.9	22.58
2351	40.1913	116.0604	-260.1	557	SI	0	1	0	0	80	39.3	1221	10	102	2	10.200	51.000	5.000	3.8	22.58
2352	40.1909	116.0604	-259.7	558	SI	0	0	1	0	86	39.3	1173	14	17	77	1.214	0.221	0.182	3.8	22.58

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2353	40.1906	116.0604	-261.6	575	SI	0	1	0	0	98	39.6	1143	18	24	7	1.333	3.429	2.571	3.8	22.57
2354	40.1902	116.0604	-260.6	575	SI	0	0	1	0	102	39.6	1214	15	-2	55	-0.133	-0.036	0.273	3.7	22.57
2355	40.1899	116.0604	-261.3	619	SI	0	0	1	0	93	40.4	1232	18	14	53	0.778	0.264	0.340	3.6	22.56
2356	40.1895	116.0604	-261.0	664	SI	0	0	0	0	89	41.1	1282	15	26	88	1.733	0.295	0.170	3.6	22.56
2357	40.1892	116.0604	-261.4	656	SI	0	0	0	0	92	41.0	1296	21	40	49	1.905	0.816	0.429	3.6	22.54
2358	40.1888	116.0604	-260.9	653	SI	0	0	1	0	94	41.0	1233	23	14	68	0.609	0.206	0.338	3.5	22.53
2359	40.1884	116.0604	-261.5	626	SI	0	0	0	0	93	36.0	1332	18	26	74	1.444	0.351	0.243	3.5	22.52
2360	40.1881	116.0604	-261.4	577	SI	0	0	0	0	85	35.2	1283	12	45	50	3.750	0.900	0.240	3.4	22.51
2361	40.1877	116.0604	-261.3	504	SI	0	0	0	0	95	34.0	1130	11	42	45	3.818	0.933	0.244	3.3	22.50
2362	40.1874	116.0604	-262.3	483	SI	0	0	0	0	84	33.7	1133	22	27	81	1.227	0.333	0.272	3.3	22.49
2363	40.1870	116.0604	-263.8	429	SI	0	0	0	0	93	32.7	1143	25	39	57	1.560	0.684	0.439	3.3	22.48
2364	40.1867	116.0604	-263.3	377	SI	0	0	0	0	91	31.7	1031	21	56	40	2.667	1.400	0.525	3.3	22.48
2365	40.1863	116.0604	-263.3	329	SI	0	0	0	0	104	30.8	1052	9	56	37	6.222	1.514	0.243	3.3	22.47
2366	40.1859	116.0604	-264.0	305	SI	0	0	0	0	97	30.3	994	11	50	43	4.545	1.163	0.256	3.2	22.46
2367	40.1856	116.0604	-264.4	322	SI	0	0	0	0	93	30.6	997	11	47	33	4.273	1.424	0.333	3.1	22.45
2368	40.1852	116.0604	-262.8	347	SI	0	0	0	0	94	31.1	1081	23	32	35	1.391	0.914	0.657	3.1	22.43
2369	40.1849	116.0604	-263.5	382	SI	0	0	0	0	88	31.8	1209	27	65	56	2.407	1.161	0.482	3.1	22.43
2370	40.1845	116.0604	-263.2	424	SI	0	0	0	0	107	32.6	1271	14	128	29	9.143	4.414	0.483	3.1	22.41
2371	40.1841	116.0604	-262.9	434	SI	0	0	0	0	87	32.8	1308	13	124	54	9.538	2.296	0.241	3.0	22.40
2372	40.1838	116.0604	-263.9	413	SI	0	0	0	0	88	32.4	1275	20	70	70	3.500	1.000	0.286	3.0	22.39
2373	40.1834	116.0604	-263.2	385	SI	0	0	0	0	96	31.9	1198	7	96	66	13.714	1.455	0.106	3.0	22.38
2374	40.1831	116.0604	-264.4	364	SI	0	0	0	0	84	31.5	1302	19	92	70	4.842	1.314	0.271	3.0	22.37
2375	40.1827	116.0604	-264.7	336	SI	0	0	0	0	98	30.9	1159	20	90	44	4.500	2.045	0.455	2.9	22.35
2376	40.1824	116.0604	-264.3	298	SI	0	0	0	0	76	30.1	1054	12	63	58	5.250	1.086	0.207	2.8	22.34
2377	40.1820	116.0604	-264.4	265	SI	0	0	0	0	92	29.4	1042	19	37	33	1.947	1.121	0.576	2.7	22.33
2378	40.1816	116.0604	-264.5	258	SI	0	0	0	0	99	33.8	1111	15	55	69	3.667	0.797	0.217	2.7	22.31
2379	40.1813	116.0604	-262.3	290	SI	0	0	0	0	91	34.6	1070	13	63	51	4.846	1.235	0.255	2.7	22.30
2380	40.1809	116.0604	-263.6	355	SI	0	0	0	1	91	36.2	1197	6	103	45	17.167	2.289	0.133	2.7	22.29
2381	40.1806	116.0604	-262.1	421	SI	0	0	0	0	84	37.6	1198	8	56	58	7.000	0.966	0.138	2.7	22.27
2382	40.1802	116.0604	-262.5	465	SI	0	0	0	0	110	38.5	1327	18	70	42	3.889	1.667	0.429	2.6	22.27
2383	40.1799	116.0604	-262.4	489	SI	0	0	0	0	89	39.0	1330	22	31	77	1.409	0.403	0.286	2.6	22.26
2384	40.1795	116.0604	-264.2	489	SI	0	0	0	0	90	39.0	1364	16	105	57	6.563	1.842	0.281	2.5	22.25
2385	40.1791	116.0604	-264.2	490	SI	0	0	0	0	95	39.0	1378	8	86	54	10.750	1.593	0.148	2.5	22.24
2386	40.1788	116.0604	-265.0	491	SI	0	0	0	0	100	39.1	1335	30	36	46	1.200	0.783	0.652	2.5	22.23
2387	40.1784	116.0604	-263.3	468	SI	0	0	0	0	92	38.6	1255	10	42	74	4.200	0.568	0.135	2.5	22.22
2388	40.1781	116.0604	-264.1	406	SI	0	0	0	0	101	37.3	1255	17	62	55	3.647	1.127	0.309	2.4	22.21
2389	40.1777	116.0604	-263.6	386	SI	0	0	0	0	88	36.9	1213	23	29	64	1.261	0.453	0.359	2.4	22.20
2390	40.1773	116.0604	-263.9	416	SI	0	0	0	0	100	37.5	1267	19	62	65	3.263	0.954	0.292	2.3	22.20
2391	40.1770	116.0604	-264.5	464	SI	0	0	0	0	94	38.5	1356	30	52	53	1.733	0.981	0.566	2.3	22.19
2392	40.1766	116.0604	-265.3	492	SI	0	0	0	0	103	39.1	1296	10	85	43	8.500	1.977	0.233	2.3	22.18
2393	40.1763	116.0604	-265.6	493	SI	0	0	1	0	84	39.1	1321	32	7	94	0.219	0.074	0.340	2.3	22.18
2394	40.1759	116.0604	-264.4	494	SI	0	0	0	0	93	39.1	1310	26	32	85	1.231	0.376	0.306	2.2	22.18
2395	40.1756	116.0604	-265.5	493	SI	0	0	0	0	106	39.1	1329	21	62	51	2.952	1.216	0.412	2.2	22.17
2396	40.1752	116.0604	-264.9	477	SI	0	0	1	0	98	38.8	1345	34	18	44	0.529	0.409	0.773	2.2	22.17
2397	40.1748	116.0605	-265.4	431	SI	0	0	0	0	104	38.6	1319	22	45	71	2.045	0.634	0.310	2.2	22.16
2398	40.1745	116.0605	-266.8	381	SI	0	1	0	0	95	37.5	1165	15	113	10	7.533	11.300	1.500	2.3	22.16
2399	40.1741	116.0605	-266.9	354	SI	0	0	0	0	82	36.9	1060	7	93	33	13.286	2.818	0.212	2.2	22.15
2400	40.1738	116.0605	-265.5	374	SI	0	0	0	0	99	37.3	1066	8	63	27	7.875	2.333	0.296	2.2	22.15
2401	40.1734	116.0605	-265.4	416	SI	0	0	0	0	103	38.3	1108	9	76	26	8.444	2.923	0.346	2.2	22.15
2402	40.1730	116.0605	-266.4	461	SI	0	0	0	0	98	39.3	1160	10	50	46	5.000	1.087	0.217	2.2	22.15
2403	40.1727	116.0605	-265.9	493	SI	0	0	0	1	103	39.9	1221	2	97	33	48.500	2.939	0.061	2.2	22.14
2404	40.1723	116.0605	-266.4	503	SI	0	0	1	0	101	40.1	1194	31	-3	38	-0.097	-0.079	0.816	2.2	22.14
2405	40.1720	116.0605	-263.4	567	SI	0	0	0	1	111	41.3	1307	8	43	47	5.375	0.915	0.170	2.2	22.14
2406	40.1716	116.0605	-262.6	645	SI	0	0	0	0	97	42.7	1403	10	95	33	9.500	2.879	0.303	2.2	22.13

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2407	40.1713	116.0605	-264.3	686	SI	0	0	0	0	94	43.4	1485	28	27	47	0.964	0.574	0.596	2.2	22.13
2408	40.1709	116.0605	-263.6	680	SI	0	0	0	0	92	43.3	1491	29	37	78	1.276	0.474	0.372	2.2	22.13
2409	40.1705	116.0605	-267.1	625	SI	0	1	0	0	103	42.4	1370	15	95	6	6.333	15.833	2.500	2.2	22.13
2410	40.1702	116.0605	-267.1	544	SI	0	0	0	0	101	40.9	1263	13	56	45	4.308	1.244	0.289	2.2	22.13
2411	40.1698	116.0605	-266.8	494	SI	0	0	0	1	100	39.9	1231	6	101	35	16.833	2.886	0.171	2.2	22.13
2412	40.1695	116.0605	-266.1	472	SI	0	0	1	0	94	39.5	1136	20	7	44	0.350	0.159	0.455	2.2	22.13
2413	40.1691	116.0605	-265.1	469	SI	0	0	1	0	94	39.4	1204	42	-5	34	-0.119	-0.147	1.235	2.2	22.13
2414	40.1688	116.0605	-265.5	492	SI	0	0	0	0	91	39.9	1256	32	47	24	1.469	1.958	1.333	2.2	22.13
2415	40.1684	116.0605	-264.6	517	SI	0	0	0	1	107	40.4	1207	-9	43	37	-4.778	1.162	-0.243	2.2	22.13
2416	40.1680	116.0605	-265.3	566	SI	0	0	1	0	102	48.8	1388	25	14	74	0.560	0.189	0.338	2.1	22.13
2417	40.1677	116.0605	-265.8	593	SI	0	0	0	0	111	49.4	1360	19	55	38	2.895	1.447	0.500	2.2	22.13
2418	40.1673	116.0605	-265.6	573	SI	0	0	0	1	98	49.0	1377	3	81	53	27.000	1.528	0.057	2.1	22.13
2419	40.1670	116.0605	-266.2	498	SI	0	0	0	0	84	47.3	1228	30	32	37	1.067	0.865	0.811	2.1	22.13
2420	40.1666	116.0605	-265.9	487	SI	0	1	0	0	109	47.0	1220	10	54	9	5.400	6.000	1.111	2.0	22.13
2421	40.1662	116.0605	-266.2	484	SI	0	1	0	0	93	46.9	1188	33	56	14	1.697	4.000	2.357	2.0	22.13
2422	40.1659	116.0605	-267.1	496	SI	0	0	0	0	101	47.2	1154	20	26	42	1.300	0.619	0.476	2.0	22.12
2423	40.1655	116.0605	-267.0	524	SI	0	0	1	0	104	47.9	1234	10	8	84	0.800	0.095	0.119	2.0	22.12
2424	40.1652	116.0605	-265.6	579	SI	0	0	0	0	94	49.1	1286	9	43	64	4.778	0.672	0.141	2.0	22.12
2425	40.1648	116.0605	-265.2	633	SI	0	1	0	0	102	50.2	1278	18	43	9	2.389	4.778	2.000	2.0	22.12
2426	40.1645	116.0605	-265.0	692	SI	0	0	0	1	103	51.4	1369	2	86	37	43.000	2.324	0.054	2.0	22.12
2427	40.1641	116.0605	-264.3	747	SI	1	0	1	0	106	52.4	1403	21	27	74	1.286	0.365	0.284	2.0	22.12
2428	40.1637	116.0605	-264.7	768	SI	1	0	1	0	91	52.8	1555	32	25	51	0.781	0.490	0.627	2.0	22.12
2429	40.1634	116.0605	-265.8	701	SI	1	0	0	0	94	51.6	1494	22	38	58	1.727	0.655	0.379	2.0	22.12
2430	40.1630	116.0605	-266.7	636	SI	0	0	1	0	98	50.3	1350	21	18	54	0.857	0.333	0.389	1.9	22.12
2431	40.1627	116.0605	-265.9	580	SI	0	0	0	0	89	49.1	1391	16	68	39	4.250	1.744	0.410	1.9	22.12
2432	40.1623	116.0605	-266.7	497	SI	0	1	0	0	98	47.2	1207	12	90	-9	7.500	-10.000	-1.333	1.8	22.12
2433	40.1619	116.0605	-268.3	460	SI	0	0	0	0	95	46.3	1150	15	56	45	3.733	1.244	0.333	1.8	22.12
2434	40.1616	116.0605	-268.4	421	SI	0	0	0	0	99	45.4	1111	21	54	16	2.571	3.375	1.313	1.8	22.12
2435	40.1612	116.0605	-267.6	457	SI	0	0	1	0	95	43.6	1156	18	5	63	0.278	0.079	0.286	1.8	22.11
2436	40.1609	116.0605	-267.9	497	SI	0	1	0	1	103	44.5	1131	6	86	3	14.333	28.667	2.000	1.7	22.11
2437	40.1605	116.0605	-266.5	551	SI	0	0	0	0	102	45.7	1218	21	48	20	2.286	2.400	1.050	1.7	22.11
2438	40.1602	116.0605	-266.1	630	SI	0	0	1	0	93	47.3	1309	28	17	39	0.607	0.436	0.718	1.8	22.10
2439	40.1598	116.0605	-267.0	679	SI	0	0	0	0	106	48.2	1355	15	50	27	3.333	1.852	0.556	1.8	22.09
2440	40.1594	116.0605	-266.7	695	SI	0	0	1	0	90	48.5	1444	39	14	49	0.359	0.286	0.796	1.8	22.09
2441	40.1591	116.0605	-266.3	653	SI	0	0	0	0	95	47.7	1434	36	59	49	1.639	1.204	0.735	1.8	22.08
2442	40.1587	116.0605	-265.3	575	SI	0	0	0	1	99	46.2	1352	-2	70	36	-35.000	1.944	-0.056	1.8	22.08
2443	40.1584	116.0605	-267.5	498	SI	0	0	0	1	100	44.6	1180	7	49	49	7.000	1.000	0.143	1.7	22.07
2444	40.1580	116.0605	-266.5	469	SI	0	0	0	0	103	43.9	1216	14	61	45	4.357	1.356	0.311	1.7	22.07
2445	40.1577	116.0605	-267.3	409	SI	0	0	0	0	99	42.5	1159	13	66	35	5.077	1.886	0.371	1.7	22.06
2446	40.1573	116.0605	-268.2	406	SI	0	0	0	0	109	42.4	1202	12	82	26	6.833	3.154	0.462	1.7	22.06
2447	40.1569	116.0605	-267.0	427	SI	0	0	1	0	106	42.9	1143	12	14	44	1.167	0.318	0.273	1.7	22.06
2448	40.1566	116.0605	-268.8	405	SI	0	0	0	1	96	42.3	1129	2	64	27	32.000	2.370	0.074	1.7	22.05
2449	40.1562	116.0605	-268.5	355	SI	0	0	0	1	99	41.1	1034	-4	86	28	-21.500	3.071	-0.143	1.6	22.04
2450	40.1559	116.0605	-270.7	367	SI	0	0	0	0	97	41.4	1117	13	22	45	1.692	0.489	0.289	1.7	22.05
2451	40.1555	116.0605	-268.3	387	SI	0	0	0	1	109	41.9	1086	0	99	32	99.000	3.094	0.031	1.8	22.05
2452	40.1551	116.0605	-267.1	395	SI	0	0	0	1	125	42.1	1075	1	56	33	56.000	1.697	0.030	1.7	22.05
2453	40.1548	116.0605	-267.7	439	SI	0	0	0	0	95	43.2	1098	11	58	36	5.273	1.611	0.306	1.7	22.06
2454	40.1544	116.0605	-266.9	485	SI	0	0	0	1	103	44.5	1162	3	44	64	14.667	0.688	0.047	1.7	22.07
2455	40.1541	116.0605	-267.5	516	SI	0	0	0	0	94	45.2	1151	15	50	38	3.333	1.316	0.395	1.7	22.08
2456	40.1537	116.0605	-267.3	578	SI	0	1	0	0	105	46.5	1228	14	73	-4	5.214	-18.250	-3.500	1.7	22.08
2457	40.1533	116.0605	-266.1	660	SI	0	1	0	1	97	48.1	1273	9	28	21	3.111	1.333	0.429	1.6	22.09
2458	40.1529	116.0605	-266.0	712	SI	1	0	0	1	108	49.1	1231	6	47	25	7.833	1.880	0.240	1.6	22.09
2459	40.1526	116.0605	-265.5	774	SI	1	1	0	1	101	50.1	1367	6	84	27	14.000	3.111	0.222	1.6	22.09
2460	40.1522	116.0605	-266.6	801	SI	1	0	0	0	98	50.6	1450	26	33	48	1.269	0.688	0.542	1.6	22.10

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2461	40.1518	116.0605	-263.7	756	SI	1	0	1	0	105	49.8	1391	21	7	80	0.333	0.088	0.262	1.6	22.10
2462	40.1514	116.0605	-265.5	640	SI	0	0	0	0	105	47.7	1363	23	29	34	1.261	0.853	0.676	1.7	22.11
2463	40.1510	116.0605	-266.4	510	SI	0	0	0	0	98	45.1	1183	24	62	18	2.583	3.444	1.333	1.6	22.10
2464	40.1507	116.0605	-267.6	490	SI	0	0	1	0	98	44.6	1213	22	2	59	0.091	0.034	0.373	1.6	22.11
2465	40.1503	116.0605	-267.9	488	SI	0	0	0	0	100	44.6	1200	22	41	26	1.864	1.577	0.846	1.6	22.11
2466	40.1499	116.0605	-268.8	497	SI	0	0	0	1	102	44.8	1110	0	43	38	43.000	1.132	0.026	1.6	22.11
2467	40.1495	116.0605	-267.0	537	SI	0	0	0	0	97	45.6	1231	21	39	20	1.857	1.950	1.050	1.6	22.10
2468	40.1491	116.0605	-265.6	595	SI	0	1	0	0	99	46.8	1212	28	90	-37	3.214	-2.432	-0.757	1.6	22.10
2469	40.1487	116.0605	-266.0	637	SI	0	1	0	0	111	47.7	1212	16	45	19	2.813	2.368	0.842	1.6	22.11
2470	40.1484	116.0605	-264.4	658	SI	0	0	1	0	97	48.1	1236	22	13	24	0.591	0.542	0.917	1.5	22.13
2471	40.1480	116.0605	-265.1	673	SI	0	0	0	0	87	48.4	1279	15	41	29	2.733	1.414	0.517	1.6	22.14
2472	40.1476	116.0605	-265.2	692	SI	0	0	1	0	95	48.7	1365	20	-10	99	-0.500	-0.101	0.202	1.6	22.15
2473	40.1472	116.0605	-266.5	716	SI	1	0	0	0	94	40.5	1333	16	47	61	2.938	0.770	0.262	1.6	22.16
2474	40.1468	116.0605	-264.7	733	SI	1	1	0	0	92	40.8	1353	21	73	-8	3.476	-9.125	-2.625	1.6	22.17
2475	40.1464	116.0605	-264.6	774	SI	1	0	0	1	98	41.4	1370	3	44	96	14.667	0.458	0.031	1.7	22.18
2476	40.1461	116.0605	-264.1	815	SI	1	0	0	0	99	41.9	1308	18	27	46	1.500	0.587	0.391	1.6	22.19
2477	40.1457	116.0605	-264.9	845	SI	1	0	1	0	100	42.3	1497	50	-41	135	-0.820	-0.304	0.370	1.6	22.20
2478	40.1453	116.0605	-263.4	872	SI	1	1	0	1	103	42.6	1497	5	98	31	19.600	3.161	0.161	1.7	22.21
2479	40.1449	116.0605	-262.9	879	SI	1	1	0	1	96	42.7	1533	8	102	-16	12.750	-6.375	-0.500	1.6	22.22
2480	40.1445	116.0605	-262.7	854	SI	1	0	0	1	108	42.4	1517	10	38	83	3.800	0.458	0.120	1.6	22.22
2481	40.1441	116.0605	-263.6	810	SI	1	0	0	0	97	41.8	1419	28	31	52	1.107	0.596	0.538	1.7	22.23
2482	40.1438	116.0605	-265.0	758	SI	1	0	1	0	98	41.1	1419	32	14	57	0.438	0.246	0.561	1.7	22.24
2483	40.1434	116.0605	-264.8	737	SI	1	0	1	0	94	40.8	1402	31	-31	90	-1.000	-0.344	0.344	1.7	22.24
2484	40.1430	116.0605	-266.3	671	SI	0	0	0	0	103	39.9	1354	25	53	24	2.120	2.208	1.042	1.6	22.25
2485	40.1426	116.0605	-265.4	640	SI	0	0	0	0	88	39.4	1408	23	63	44	2.739	1.432	0.523	1.7	22.25
2486	40.1422	116.0605	-264.6	584	SI	0	0	0	0	98	38.5	1271	12	57	29	4.750	1.966	0.414	1.7	22.26
2487	40.1418	116.0605	-265.5	547	SI	0	0	0	0	95	37.8	1241	12	36	73	3.000	0.493	0.164	1.7	22.27
2488	40.1415	116.0605	-266.1	543	SI	0	1	0	0	99	37.8	1417	23	78	-6	3.391	-13.000	-3.833	1.7	22.27
2489	40.1411	116.0605	-266.1	518	SI	0	0	0	0	98	37.3	1366	13	71	24	5.462	2.958	0.542	1.7	22.27
2490	40.1407	116.0605	-266.4	507	SI	0	0	0	0	93	37.1	1337	18	112	27	6.222	4.148	0.667	1.6	22.28
2491	40.1403	116.0605	-265.8	494	SI	0	0	0	0	84	36.9	1208	22	89	47	4.045	1.894	0.468	1.6	22.28
2492	40.1399	116.0605	-264.8	476	SI	0	0	0	0	85	38.0	1311	27	33	55	1.222	0.600	0.491	1.6	22.29
2493	40.1395	116.0605	-265.6	436	SI	0	0	0	0	95	37.2	1070	14	61	33	4.357	1.848	0.424	1.7	22.29
2494	40.1392	116.0605	-265.1	447	SI	0	0	0	0	95	37.4	1009	9	32	75	3.556	0.427	0.120	1.7	22.29
2495	40.1388	116.0605	-265.0	490	SI	0	0	0	0	89	38.3	1198	16	53	49	3.313	1.082	0.327	1.7	22.30
2496	40.1384	116.0605	-264.7	537	SI	0	0	1	0	95	39.2	1204	22	23	62	1.045	0.371	0.355	1.7	22.30
2497	40.1380	116.0605	-265.9	604	SI	0	0	0	0	88	40.4	1323	15	68	28	4.533	2.429	0.536	1.7	22.30
2498	40.1376	116.0605	-264.4	638	SI	0	0	1	0	101	40.9	1309	27	8	72	0.296	0.111	0.375	1.7	22.31
2499	40.1372	116.0605	-263.7	664	SI	0	1	0	0	97	41.4	1361	22	67	17	3.045	3.941	1.294	1.7	22.31
2500	40.1369	116.0605	-263.4	684	SI	0	0	0	0	104	41.7	1426	18	32	55	1.778	0.711	0.400	1.7	22.31
2501	40.1365	116.0605	-265.1	634	SI	0	0	0	0	96	40.9	1379	11	69	48	6.273	1.438	0.229	1.5	22.31
2502	40.1361	116.0605	-264.9	630	SI	0	0	1	0	102	40.8	1295	17	9	81	0.529	0.111	0.210	1.5	22.31
2503	40.1357	116.0605	-263.0	649	SI	0	0	0	0	102	41.1	1506	20	68	40	3.400	1.700	0.500	1.5	22.31
2504	40.1353	116.0605	-263.8	595	SI	0	0	0	0	90	40.2	1293	21	47	29	2.238	1.621	0.724	1.5	22.32
2505	40.1349	116.0605	-264.4	525	SI	0	0	1	0	91	39.0	1187	22	17	49	0.773	0.347	0.449	1.5	22.32
2506	40.1346	116.0605	-265.9	497	SI	0	0	0	1	100	38.4	1087	5	61	28	12.200	2.179	0.179	1.5	22.32
2507	40.1342	116.0605	-264.9	498	SI	0	1	0	0	84	38.4	1069	10	98	-6	9.800	-16.333	-1.667	1.5	22.33
2508	40.1338	116.0605	-264.4	561	SI	0	0	0	0	95	39.6	1172	20	27	52	1.350	0.519	0.385	1.6	22.33
2509	40.1334	116.0605	-264.2	593	SI	0	0	0	0	94	40.2	1262	14	34	57	2.429	0.596	0.246	1.6	22.34
2510	40.1330	116.0605	-264.6	643	SI	0	0	0	0	94	41.0	1307	14	37	53	2.643	0.698	0.264	1.6	22.34
2511	40.1327	116.0605	-263.8	680	SI	0	0	1	0	89	37.5	1233	17	14	61	0.824	0.230	0.279	1.5	22.34
2512	40.1323	116.0605	-264.4	763	SI	1	0	0	1	96	38.6	1395	9	36	74	4.000	0.486	0.122	1.6	22.34
2513	40.1319	116.0605	-264.9	795	SI	1	1	0	0	93	39.0	1376	37	30	26	0.811	1.154	1.423	1.6	22.34
2514	40.1315	116.0605	-263.4	771	SI	1	0	1	1	101	38.7	1485	11	17	107	1.545	0.159	0.103	1.7	22.33

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2515	40.1311	116.0605	-263.4	691	SI	0	0	0	0	83	37.6	1318	25	89	24	3.560	3.708	1.042	1.7	22.34
2516	40.1307	116.0605	-264.5	658	SI	0	0	0	0	93	37.1	1304	27	72	47	2.667	1.532	0.574	1.7	22.33
2517	40.1304	116.0605	-265.8	585	SI	0	0	1	0	97	36.0	1107	18	16	24	0.889	0.667	0.750	1.7	22.32
2518	40.1300	116.0605	-266.0	514	SI	0	1	0	1	98	34.9	1041	7	62	8	8.857	7.750	0.875	1.7	22.31
2519	40.1296	116.0605	-265.5	488	SI	0	0	0	0	90	34.4	1060	20	35	28	1.750	1.250	0.714	1.7	22.32
2520	40.1292	116.0605	-266.8	456	SI	0	0	0	0	95	33.9	1062	18	28	41	1.556	0.683	0.439	1.8	22.32
2521	40.1288	116.0605	-266.3	456	SI	0	0	0	0	88	33.9	1038	8	46	36	5.750	1.278	0.222	1.8	22.33
2522	40.1284	116.0605	-266.1	484	SI	0	0	0	1	99	34.4	1090	4	99	24	24.750	4.125	0.167	1.8	22.34
2523	40.1281	116.0605	-265.3	499	SI	0	0	0	0	94	34.6	1191	12	49	26	4.083	1.885	0.462	1.9	22.35
2524	40.1277	116.0605	-265.1	524	SI	0	0	1	0	91	35.0	1167	18	10	74	0.556	0.135	0.243	1.8	22.35
2525	40.1273	116.0605	-264.9	592	SI	0	1	0	1	98	36.1	1216	3	101	12	33.667	8.417	0.250	1.8	22.35
2526	40.1269	116.0605	-264.9	626	SI	0	0	0	0	92	36.7	1256	30	28	68	0.933	0.412	0.441	1.8	22.37
2527	40.1265	116.0605	-263.8	635	SI	0	1	0	0	97	36.8	1321	14	130	8	9.286	16.250	1.750	1.9	22.37
2528	40.1261	116.0605	-264.7	626	SI	0	0	0	0	92	36.7	1358	13	107	45	8.231	2.378	0.289	2.0	22.38
2529	40.1258	116.0605	-265.6	524	SI	0	0	0	0	94	35.0	1180	19	53	22	2.789	2.409	0.864	2.1	22.38
2530	40.1254	116.0605	-265.3	500	SI	0	0	0	1	97	29.2	1192	8	81	30	10.125	2.700	0.267	2.1	22.39
2531	40.1250	116.0605	-266.2	520	SI	0	0	1	0	88	29.4	1284	28	12	52	0.429	0.231	0.538	2.1	22.40
2532	40.1246	116.0605	-264.5	548	SI	0	0	0	0	77	29.8	1289	24	98	24	4.083	4.083	1.000	2.1	22.41
2533	40.1242	116.0605	-263.5	581	SI	0	0	0	0	88	30.3	1409	15	66	80	4.400	0.825	0.188	2.2	22.41
2534	40.1238	116.0605	-263.2	562	SI	0	0	0	0	99	30.0	1314	30	53	64	1.767	0.828	0.469	2.3	22.42
2535	40.1235	116.0605	-265.1	520	SI	0	1	0	0	90	29.4	1340	22	95	3	4.318	31.667	7.333	2.3	22.42
2536	40.1231	116.0605	-265.8	497	SI	0	0	0	0	98	29.1	1320	29	39	71	1.345	0.549	0.408	2.3	22.42
2537	40.1227	116.0605	-264.9	498	SI	0	0	0	0	82	29.1	1301	20	68	71	3.400	0.958	0.282	2.3	22.42
2538	40.1223	116.0605	-265.9	499	SI	0	0	0	0	82	29.1	1359	16	83	60	5.188	1.383	0.267	2.3	22.42
2539	40.1219	116.0605	-266.9	497	SI	0	1	0	0	97	29.1	1354	23	114	16	4.957	7.125	1.438	2.3	22.42
2540	40.1215	116.0605	-266.4	483	SI	0	0	0	0	98	28.9	1299	18	71	61	3.944	1.164	0.295	2.2	22.43
2541	40.1212	116.0605	-265.8	434	SI	0	0	0	0	101	28.2	1298	12	100	39	8.333	2.564	0.308	2.2	22.43
2542	40.1208	116.0605	-266.3	379	SI	0	0	0	0	85	27.3	1183	17	33	66	1.941	0.500	0.258	2.2	22.43
2543	40.1204	116.0605	-266.6	347	SI	0	0	0	0	91	26.7	1090	15	63	42	4.200	1.500	0.357	2.3	22.43
2544	40.1200	116.0605	-265.7	368	SI	0	0	1	0	102	27.1	1096	25	16	76	0.640	0.211	0.329	2.3	22.43
2545	40.1196	116.0605	-265.9	405	SI	0	0	0	0	93	27.7	1091	14	74	40	5.286	1.850	0.350	2.4	22.44
2546	40.1192	116.0605	-267.0	435	SI	0	0	0	0	101	28.2	1212	13	71	54	5.462	1.315	0.241	2.4	22.44
2547	40.1189	116.0605	-266.9	447	SI	0	1	0	0	90	28.4	1251	20	82	14	4.100	5.857	1.429	2.5	22.45
2548	40.1185	116.0605	-266.1	457	SI	0	0	0	0	89	28.5	1286	12	84	50	7.000	1.680	0.240	2.5	22.46
2549	40.1181	116.0605	-266.0	482	SI	0	0	0	0	89	26.7	1263	20	77	36	3.850	2.139	0.556	2.5	22.46
2550	40.1177	116.0605	-266.1	494	SI	0	0	0	0	97	26.9	1238	9	82	33	9.111	2.485	0.273	2.5	22.46
2551	40.1173	116.0605	-265.6	500	SI	0	0	0	0	97	27.0	1215	16	30	111	1.875	0.270	0.144	2.5	22.46
2552	40.1169	116.0605	-265.2	555	SI	0	0	0	0	92	27.7	1233	16	79	27	4.938	2.926	0.593	2.6	22.47
2553	40.1166	116.0605	-264.4	592	SI	0	0	0	0	97	28.2	1361	28	30	51	1.071	0.588	0.549	2.7	22.47
2554	40.1162	116.0605	-264.2	626	SI	0	0	0	0	99	28.6	1336	15	68	49	4.533	1.388	0.306	2.7	22.47
2555	40.1158	116.0605	-264.4	635	SI	0	0	1	0	100	28.7	1346	24	0	81	0.042	0.012	0.296	2.8	22.48
2556	40.1154	116.0605	-264.8	628	SI	0	0	0	0	94	28.6	1308	34	50	50	1.471	1.000	0.680	2.8	22.48
2557	40.1150	116.0605	-264.8	634	SI	0	0	0	0	90	28.7	1365	15	106	69	7.067	1.536	0.217	2.9	22.49
2558	40.1146	116.0605	-265.3	636	SI	0	0	0	0	86	28.7	1410	17	102	61	6.000	1.672	0.279	2.9	22.50
2559	40.1143	116.0605	-265.8	642	SI	0	0	0	1	90	28.8	1240	6	88	61	14.667	1.443	0.098	3.0	22.50
2560	40.1139	116.0605	-265.7	656	SI	0	0	0	0	90	28.9	1512	34	111	32	3.265	3.469	1.063	3.0	22.51
2561	40.1135	116.0605	-268.0	655	SI	0	1	0	0	92	28.9	1449	41	83	14	2.024	5.929	2.929	3.0	22.51
2562	40.1131	116.0605	-265.4	669	SI	0	0	0	0	92	29.1	1395	21	74	35	3.524	2.114	0.600	3.0	22.52
2563	40.1127	116.0605	-265.2	643	SI	0	0	0	0	91	28.8	1393	21	83	61	3.952	1.361	0.344	3.0	22.53
2564	40.1124	116.0605	-266.3	627	SI	0	0	0	0	87	28.6	1415	16	61	87	3.813	0.701	0.184	3.0	22.53
2565	40.1120	116.0605	-265.8	578	SI	0	0	0	0	86	28.0	1308	23	37	90	1.609	0.411	0.256	3.0	22.54
2566	40.1116	116.0605	-265.9	534	SI	0	0	0	0	95	27.4	1306	29	71	20	2.448	3.550	1.450	3.0	22.54
2567	40.1112	116.0605	-267.6	514	SI	0	0	0	0	106	27.2	1194	10	66	28	6.600	2.357	0.357	3.0	22.54
2568	40.1108	116.0605	-267.8	526	SI	0	0	0	0	94	27.0	1266	15	123	19	8.200	6.474	0.789	3.0	22.55

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2569	40.1104	116.0605	-267.3	539	SI	0	0	0	1	98	27.1	1287	6	104	46	17.333	2.261	0.130	3.0	22.55
2570	40.1101	116.0605	-267.1	535	SI	0	0	0	0	94	27.1	1297	15	56	54	3.733	1.037	0.278	3.0	22.56
2571	40.1097	116.0605	-268.0	520	SI	0	0	0	0	90	26.9	1288	20	91	42	4.550	2.167	0.476	3.0	22.56
2572	40.1093	116.0605	-267.2	497	SI	0	0	0	0	81	26.6	1337	24	72	82	3.000	0.878	0.293	3.0	22.57
2573	40.1089	116.0605	-267.6	485	SI	0	0	0	0	97	26.4	1232	15	62	43	4.133	1.442	0.349	3.0	22.57
2574	40.1085	116.0605	-268.8	443	SI	0	0	0	0	95	25.8	1199	28	52	35	1.857	1.486	0.800	3.0	22.58
2575	40.1081	116.0605	-269.0	413	SI	0	0	0	0	90	25.4	1119	15	53	74	3.533	0.716	0.203	3.0	22.58
2576	40.1078	116.0605	-268.6	409	SI	0	0	0	0	85	25.3	1177	16	87	27	5.438	3.222	0.593	3.1	22.58
2577	40.1074	116.0605	-269.7	436	SI	0	0	0	0	79	25.7	1190	29	56	38	1.931	1.474	0.763	3.1	22.59
2578	40.1070	116.0605	-269.1	474	SI	0	0	0	0	79	26.3	1262	23	76	50	3.304	1.520	0.460	3.1	22.59
2579	40.1066	116.0605	-269.3	495	SI	0	0	0	0	95	26.6	1200	16	52	55	3.250	0.945	0.291	3.1	22.59
2580	40.1062	116.0605	-267.7	503	SI	0	0	0	0	88	26.7	1221	8	110	57	13.750	1.930	0.140	3.1	22.59
2581	40.1058	116.0605	-268.4	544	SI	0	1	0	0	100	27.2	1262	23	67	7	2.913	9.571	3.286	3.1	22.59
2582	40.1055	116.0605	-268.8	501	SI	0	0	0	0	95	26.6	1287	16	31	86	1.938	0.360	0.186	3.1	22.59
2583	40.1051	116.0605	-269.5	488	SI	0	0	0	0	90	26.5	1254	31	32	57	1.032	0.561	0.544	3.2	22.60
2584	40.1047	116.0605	-269.6	448	SI	0	0	0	0	95	25.9	1122	13	77	36	5.923	2.139	0.361	3.2	22.60
2585	40.1043	116.0605	-268.6	430	SI	0	0	0	0	97	25.7	1186	29	58	40	2.000	1.450	0.725	3.1	22.61
2586	40.1039	116.0605	-268.6	455	SI	0	0	0	0	87	26.0	1209	20	55	51	2.750	1.078	0.392	3.1	22.62
2587	40.1035	116.0605	-269.7	487	SI	0	0	0	0	93	29.3	1123	17	84	25	4.941	3.360	0.680	3.1	22.62
2588	40.1032	116.0605	-269.4	497	SI	0	0	0	0	81	29.4	1216	16	83	47	5.188	1.766	0.340	3.2	22.63
2589	40.1028	116.0605	-269.5	513	SI	0	0	0	0	84	29.6	1244	21	72	56	3.429	1.286	0.375	3.3	22.63
2590	40.1024	116.0605	-269.3	550	SI	0	0	0	0	78	30.2	1270	35	40	76	1.143	0.526	0.461	3.3	22.64
2591	40.1020	116.0605	-267.9	569	SI	0	0	0	0	91	30.4	1412	26	99	32	3.808	3.094	0.813	3.4	22.65
2592	40.1016	116.0605	-267.7	592	SI	0	0	0	0	92	30.7	1408	19	73	58	3.842	1.259	0.328	3.5	22.66
2593	40.1012	116.0605	-268.9	604	SI	0	0	0	0	84	30.9	1542	29	87	94	3.000	0.926	0.309	3.5	22.66
2594	40.1009	116.0605	-270.3	599	SI	0	0	0	0	96	30.8	1447	25	78	46	3.120	1.696	0.543	3.6	22.66
2595	40.1005	116.0605	-271.1	565	SI	0	0	0	0	91	30.4	1435	20	53	100	2.650	0.530	0.200	3.6	22.66
2596	40.1001	116.0605	-271.1	541	SI	0	0	0	0	85	30.1	1419	31	57	72	1.839	0.792	0.431	3.6	22.65
2597	40.0997	116.0605	-270.1	506	SI	0	0	0	0	87	29.5	1443	19	128	29	6.737	4.414	0.655	3.7	22.65
2598	40.0993	116.0605	-270.5	496	SI	0	0	0	1	75	29.4	1325	4	91	84	22.750	1.083	0.048	3.7	22.65
2599	40.0989	116.0605	-270.1	494	SI	0	0	0	0	91	29.4	1320	20	26	78	1.300	0.333	0.256	3.7	22.65
2600	40.0986	116.0605	-270.0	478	SI	0	0	0	0	90	29.1	1299	26	58	87	2.231	0.667	0.299	3.6	22.64
2601	40.0982	116.0604	-270.1	462	SI	0	0	0	1	88	28.9	1297	3	109	48	36.333	2.271	0.063	3.7	22.64
2602	40.0978	116.0604	-271.4	464	SI	0	0	0	0	88	28.9	1253	14	95	48	6.786	1.979	0.292	3.7	22.64
2603	40.0974	116.0604	-272.5	487	SI	0	0	0	0	88	29.3	1277	30	57	57	1.900	0.851	0.448	3.7	22.63
2604	40.0970	116.0604	-270.5	494	SI	0	0	0	0	92	29.4	1337	33	63	37	1.909	1.703	0.892	3.7	22.62
2605	40.0966	116.0604	-272.4	485	SI	0	0	0	0	86	29.2	1323	11	49	74	4.455	0.662	0.149	3.7	22.62
2606	40.0963	116.0604	-271.7	447	SI	0	0	0	0	92	29.3	1253	17	90	56	5.294	1.607	0.304	3.7	22.62
2607	40.0959	116.0604	-271.5	418	SI	0	0	0	0	92	28.8	1288	34	81	33	2.382	2.455	1.030	3.8	22.63
2608	40.0955	116.0604	-270.5	427	SI	0	1	0	0	87	29.0	1285	35	109	15	3.114	7.267	2.333	3.7	22.63
2609	40.0951	116.0604	-272.0	454	SI	0	0	0	0	87	29.4	1371	23	81	62	3.522	1.306	0.371	3.8	22.63
2610	40.0947	116.0604	-272.1	482	SI	0	0	0	0	83	29.9	1322	36	61	35	1.694	1.743	1.029	3.8	22.63
2611	40.0944	116.0604	-272.0	492	SI	0	0	0	0	95	30.0	1406	26	51	94	1.962	0.545	0.277	3.8	22.63
2612	40.0940	116.0604	-272.1	493	SI	0	0	0	0	84	30.0	1387	44	26	87	0.591	0.299	0.506	3.9	22.63
2613	40.0936	116.0604	-272.7	486	SI	0	0	0	0	84	29.9	1330	25	67	67	2.680	1.000	0.373	3.9	22.63
2614	40.0932	116.0604	-273.4	467	SI	0	0	0	0	92	29.6	1268	17	58	51	3.412	1.137	0.333	4.0	22.63
2615	40.0928	116.0604	-272.8	454	SI	0	0	0	0	87	29.4	1298	9	58	97	6.444	0.598	0.093	4.1	22.63
2616	40.0924	116.0604	-272.2	462	SI	0	0	0	0	90	29.5	1217	24	65	30	2.708	2.167	0.800	4.1	22.63
2617	40.0921	116.0604	-272.4	475	SI	0	0	0	0	85	29.8	1280	22	100	31	4.545	3.226	0.710	4.1	22.62
2618	40.0917	116.0604	-273.1	462	SI	0	0	0	0	87	29.5	1345	14	61	93	4.357	0.656	0.151	4.2	22.62
2619	40.0913	116.0604	-273.2	422	SI	0	0	1	0	84	28.9	1203	29	11	81	0.379	0.136	0.358	4.2	22.62
2620	40.0909	116.0604	-272.6	432	SI	0	0	0	0	99	29.1	1131	14	54	50	3.857	1.080	0.280	4.3	22.62
2621	40.0905	116.0604	-272.6	474	SI	0	0	0	0	86	29.7	1244	16	110	23	6.875	4.783	0.696	4.4	22.61
2622	40.0901	116.0604	-275.2	494	SI	0	0	0	0	90	30.0	1233	20	25	75	1.250	0.333	0.267	4.4	22.61

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2623	40.0898	116.0604	-274.4	500	SI	0	0	0	0	86	30.1	1247	22	74	50	3.364	1.480	0.440	4.4	22.61
2624	40.0894	116.0604	-274.7	501	SI	0	0	0	0	100	30.1	1249	29	33	49	1.138	0.673	0.592	4.5	22.61
2625	40.0890	116.0604	-273.3	491	SI	0	0	0	0	97	31.5	1299	27	77	41	2.852	1.878	0.659	4.6	22.60
2626	40.0886	116.0604	-273.2	454	SI	0	0	0	0	94	30.9	1288	17	85	45	5.000	1.889	0.378	4.7	22.60
2627	40.0882	116.0604	-274.8	410	SI	0	0	0	0	100	30.1	1082	30	44	29	1.467	1.517	1.034	4.7	22.60
2628	40.0878	116.0604	-274.5	395	SI	0	1	0	0	93	29.9	1168	15	113	3	7.533	37.667	5.000	4.8	22.59
2629	40.0875	116.0604	-275.1	415	SI	0	0	0	0	87	30.2	1074	24	46	39	1.917	1.179	0.615	4.8	22.59
2630	40.0871	116.0604	-276.6	450	SI	0	0	0	0	96	30.8	1129	15	61	57	4.067	1.070	0.263	4.9	22.59
2631	40.0867	116.0604	-275.4	483	SI	0	0	0	0	92	31.3	1172	14	79	29	5.643	2.724	0.483	4.9	22.58
2632	40.0863	116.0604	-275.6	495	SI	0	0	1	0	87	31.5	1230	26	18	67	0.692	0.269	0.388	5.0	22.58
2633	40.0859	116.0604	-276.8	508	SI	0	0	0	0	95	31.7	1229	28	65	21	2.321	3.095	1.333	5.1	22.58
2634	40.0855	116.0604	-275.5	546	SI	0	0	1	0	88	32.3	1217	23	21	78	0.913	0.269	0.295	5.2	22.58
2635	40.0852	116.0604	-275.8	569	SI	0	0	0	0	98	32.6	1269	12	53	47	4.417	1.128	0.255	5.2	22.58
2636	40.0848	116.0604	-275.7	622	SI	0	0	0	0	93	33.4	1302	14	51	35	3.643	1.457	0.400	5.3	22.58
2637	40.0844	116.0604	-276.2	659	SI	0	1	0	1	99	33.9	1388	10	109	19	10.900	5.737	0.526	5.4	22.58
2638	40.0840	116.0604	-275.3	679	SI	0	0	0	0	88	34.2	1418	25	59	98	2.360	0.602	0.255	5.4	22.58
2639	40.0836	116.0604	-274.5	689	SI	0	0	0	0	92	34.3	1515	43	46	53	1.070	0.868	0.811	5.5	22.58
2640	40.0832	116.0604	-273.6	679	SI	0	0	0	0	96	34.2	1397	11	133	42	12.091	3.167	0.262	5.5	22.58
2641	40.0829	116.0604	-274.0	664	SI	0	0	0	0	99	34.0	1446	42	32	61	0.762	0.525	0.689	5.6	22.59
2642	40.0825	116.0604	-276.9	656	SI	0	1	0	0	79	33.9	1417	36	84	11	2.333	7.636	3.273	5.6	22.59
2643	40.0821	116.0604	-278.5	618	SI	0	0	0	0	90	33.3	1382	25	32	66	1.280	0.485	0.379	5.6	22.59
2644	40.0817	116.0604	-278.9	599	SI	0	0	0	0	89	36.0	1345	23	59	54	2.565	1.093	0.426	5.6	22.60
2645	40.0813	116.0604	-277.8	589	SI	0	0	1	0	96	35.8	1351	14	-14	135	-1.000	-0.104	0.104	5.6	22.61
2646	40.0809	116.0604	-277.2	581	SI	0	0	1	0	99	35.7	1335	22	21	91	0.955	0.231	0.242	5.6	22.61
2647	40.0806	116.0604	-278.2	558	SI	0	0	0	0	94	35.3	1355	15	66	57	4.400	1.158	0.263	5.6	22.61
2648	40.0802	116.0604	-279.1	510	SI	0	0	0	0	98	34.5	1215	20	45	54	2.250	0.833	0.370	5.6	22.61
2649	40.0798	116.0604	-280.5	497	SI	0	1	0	0	86	34.3	1290	28	120	13	4.286	9.231	2.154	5.7	22.62
2650	40.0794	116.0604	-279.8	494	SI	0	0	0	0	100	34.3	1223	17	64	69	3.765	0.928	0.246	5.7	22.62
2651	40.0790	116.0604	-280.1	496	SI	0	0	0	0	87	34.3	1156	11	82	52	7.455	1.577	0.212	5.7	22.62
2652	40.0786	116.0604	-280.1	498	SI	0	0	0	0	83	34.3	1223	24	71	29	2.958	2.448	0.828	5.7	22.62
2653	40.0783	116.0604	-281.2	516	SI	0	0	0	0	88	34.7	1248	27	50	43	1.852	1.163	0.628	5.8	22.62
2654	40.0779	116.0604	-280.8	546	SI	0	0	1	0	98	35.1	1326	17	20	97	1.176	0.206	0.175	5.9	22.63
2655	40.0775	116.0604	-282.0	554	SI	0	0	0	0	88	35.3	1294	16	94	48	5.875	1.958	0.333	6.0	22.63
2656	40.0771	116.0604	-281.0	563	SI	0	0	0	0	95	35.4	1406	12	70	54	5.833	1.296	0.222	6.0	22.63
2657	40.0767	116.0604	-282.4	546	SI	0	0	0	1	91	35.1	1384	6	90	71	15.000	1.268	0.085	6.0	22.64
2658	40.0764	116.0604	-282.3	503	SI	0	0	0	0	90	34.4	1311	18	68	45	3.778	1.511	0.400	6.0	22.64
2659	40.0760	116.0604	-282.6	497	SI	0	0	0	0	100	34.3	1354	16	47	70	2.938	0.671	0.229	6.0	22.63
2660	40.0756	116.0604	-284.2	493	SI	0	0	0	0	89	34.3	1239	15	65	37	4.333	1.757	0.405	6.1	22.64
2661	40.0752	116.0604	-283.0	496	SI	0	0	1	0	90	34.3	1251	13	8	86	0.615	0.093	0.151	6.1	22.64
2662	40.0748	116.0604	-283.8	516	SI	0	0	0	0	98	34.7	1410	13	59	55	4.538	1.073	0.236	6.2	22.64
2663	40.0744	116.0604	-283.0	557	SI	0	0	0	0	93	43.0	1532	11	74	81	6.727	0.914	0.136	6.2	22.63
2664	40.0741	116.0604	-282.8	585	SI	0	0	0	0	89	43.6	1643	39	54	42	1.385	1.286	0.929	6.1	22.63
2665	40.0737	116.0604	-284.0	603	SI	0	0	0	0	91	43.9	1598	24	65	97	2.708	0.670	0.247	6.2	22.63
2666	40.0733	116.0604	-285.1	598	SI	0	0	0	0	[illegible]	43.8	1566	26	30	88	1.154	0.341	0.295	6.2	22.62
2667	40.0729	116.0604	-284.0	575	SI	0	0	0	0	97	43.4	1966	17	75	53	4.412	1.415	0.321	6.2	22.62
2668	40.0725	116.0604	-286.1	539	SI	0	0	0	0	97	42.7	1529	23	59	66	2.565	0.894	0.348	6.2	22.61
2669	40.0721	116.0604	-285.3	522	SI	0	0	0	0	84	42.3	1492	21	34	102	1.619	0.333	0.206	6.2	22.60
2670	40.0718	116.0604	-287.0	499	SI	0	0	0	0	87	41.8	1505	22	28	87	1.273	0.322	0.253	6.2	22.59
2671	40.0714	116.0604	-287.4	490	SI	0	0	0	0	87	41.6	1392	25	44	60	1.760	0.733	0.417	6.2	22.58
2672	40.0710	116.0604	-286.1	467	SI	0	0	0	0	92	41.2	1385	20	119	19	5.950	6.263	1.053	6.2	22.57
2673	40.0706	116.0604	-288.6	441	SI	0	0	0	0	88	40.6	1219	14	40	71	2.857	0.563	0.197	6.3	22.56
2674	40.0702	116.0604	-288.6	418	SI	0	0	0	0	94	40.1	1337	19	38	61	2.000	0.623	0.311	6.3	22.55
2675	40.0698	116.0604	-289.7	384	SI	0	0	0	0	97	39.3	1244	16	50	37	3.125	1.351	0.432	6.2	22.54
2676	40.0695	116.0604	-290.2	357	SI	0	0	0	0	95	38.6	1105	20	33	57	1.650	0.579	0.351	6.2	22.53

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2677	40.0691	116.0604	-290.2	324	SI	0	0	0	0	97	37.8	1114	20	58	38	2.900	1.526	0.526	6.1	22.52
2678	40.0687	116.0604	-291.5	296	SI	0	0	0	0	94	37.1	1041	21	35	36	1.667	0.972	0.583	6.1	22.50
2679	40.0683	116.0604	-291.4	292	SI	0	0	0	0	97	37.0	1080	8	50	36	6.250	1.389	0.222	6.2	22.50
2680	40.0679	116.0604	-292.1	325	SI	0	0	0	0	96	37.8	1039	12	32	44	2.667	0.727	0.273	6.2	22.50
2681	40.0675	116.0604	-292.0	376	SI	0	0	1	0	84	39.1	1214	37	7	55	0.189	0.127	0.673	6.2	22.49
2682	40.0672	116.0604	-291.0	435	SI	0	0	0	0	85	42.7	1303	20	38	50	1.900	0.760	0.400	6.2	22.49
2683	40.0668	116.0604	-291.8	492	SI	0	0	1	0	98	44.0	1344	25	17	71	0.680	0.239	0.352	6.2	22.49
2684	40.0664	116.0604	-292.2	510	SI	0	0	0	0	97	44.4	1411	13	80	29	6.154	2.759	0.448	6.2	22.49
2685	40.0660	116.0604	-292.8	539	SI	0	0	0	0	91	45.0	1554	32	51	66	1.594	0.773	0.485	6.1	22.48
2686	40.0656	116.0604	-294.6	506	SI	0	0	0	0	98	44.3	1440	10	90	53	9.000	1.698	0.189	6.1	22.48
2687	40.0652	116.0604	-295.0	518	SI	0	0	0	0	91	44.5	1432	21	74	53	3.524	1.396	0.396	6.0	22.48
2688	40.0649	116.0604	-295.7	532	SI	0	0	1	0	93	44.8	1480	27	22	95	0.815	0.232	0.284	6.0	22.47
2689	40.0645	116.0604	-296.6	543	SI	0	0	0	0	92	45.1	1674	28	33	94	1.179	0.351	0.298	5.9	22.47
2690	40.0641	116.0604	-299.7	538	SI	0	0	0	0	81	45.0	1629	48	33	102	0.688	0.324	0.471	5.8	22.46
2691	40.0637	116.0604	-301.7	513	SI	0	0	0	0	102	44.4	1653	26	65	97	2.500	0.670	0.268	5.7	22.45
2692	40.0633	116.0604	-303.4	498	SI	0	0	1	0	91	44.1	1664	31	20	130	0.645	0.154	0.238	5.7	22.45
2693	40.0629	116.0604	-306.7	495	SI	0	0	0	0	91	44.0	1715	32	73	106	2.281	0.689	0.302	5.7	22.43
2694	40.0626	116.0604	-307.0	488	SI	0	0	0	0	86	43.9	1605	34	37	74	1.088	0.500	0.459	5.6	22.43
2695	40.0622	116.0604	-314.1	459	SI	0	0	0	0	92	43.2	1623	26	69	101	2.654	0.683	0.257	5.6	22.41
2696	40.0618	116.0604	-323.2	419	SI	0	0	0	0	92	42.3	1660	24	91	114	3.792	0.798	0.211	5.6	22.41
2697	40.0614	116.0604	-335.5	389	SI	0	0	0	0	89	41.5	1624	37	36	135	0.973	0.267	0.274	5.7	22.39
2698	40.0610	116.0604	-355.3	361	SI	0	0	1	0	86	40.8	1617	32	10	165	0.313	0.061	0.194	5.6	22.38
2699	40.0606	116.0604	-378.8	335	SI	0	0	1	0	102	40.2	1501	29	-11	180	-0.379	-0.061	0.161	5.5	22.37
2700	40.0603	116.0604	-389.2	314	SI	0	0	0	0	102	39.6	1609	22	72	141	3.273	0.511	0.156	5.5	22.35
2701	40.0599	116.0604	-386.4	295	QVU	0	0	0	0	90	38.3	1582	28	62	164	2.214	0.378	0.171	5.5	22.33
2702	40.0595	116.0604	-338.9	277	QVU	0	0	0	0	96	37.8	1550	27	112	121	4.148	0.926	0.223	5.5	22.32
2703	40.0591	116.0604	-309.5	261	QVU	0	0	0	0	91	37.4	1533	21	74	138	3.524	0.536	0.152	5.5	22.30
2704	40.0587	116.0604	-284.7	249	QVU	0	0	0	0	89	37.1	1446	23	55	125	2.391	0.440	0.184	5.5	22.27
2705	40.0584	116.0604	-242.1	259	QVU	0	0	0	0	100	37.3	1449	14	84	96	6.000	0.875	0.146	5.4	22.25
2706	40.0580	116.0604	-211.6	293	QVU	0	0	0	0	100	38.3	1454	14	57	112	4.071	0.509	0.125	5.3	22.24
2707	40.0576	116.0604	-205.0	349	QVU	0	0	1	0	96	39.7	1462	20	18	141	0.900	0.128	0.142	5.3	22.23
2708	40.0572	116.0604	-221.3	404	QVU	0	0	0	0	98	41.1	1436	20	41	113	2.050	0.363	0.177	5.2	22.24
2709	40.0568	116.0604	-243.6	460	QVU	0	0	0	0	89	42.4	1547	26	74	89	2.846	0.831	0.292	5.2	22.23
2710	40.0564	116.0604	-260.8	497	QVU	0	0	0	0	101	43.2	1497	32	53	85	1.656	0.624	0.376	5.1	22.23
2711	40.0561	116.0604	-271.3	537	QVU	0	0	0	1	95	44.1	1409	1	53	94	53.000	0.564	0.011	5.0	22.22
2712	40.0557	116.0604	-278.9	592	QVU	0	0	0	0	97	45.2	1509	35	39	78	1.114	0.500	0.449	4.9	22.22
2713	40.0553	116.0604	-285.7	588	QVU	0	0	0	0	96	45.1	1438	14	74	38	5.286	1.947	0.368	4.8	22.21
2714	40.0549	116.0604	-289.5	581	QVU	0	0	0	0	104	45.0	1337	12	65	42	5.417	1.548	0.286	4.8	22.21
2715	40.0545	116.0604	-294.7	599	DN1	0	0	0	0	89	45.3	1356	26	64	38	2.462	1.684	0.684	4.8	22.21
2716	40.0541	116.0604	-296.1	614	DN1	0	0	0	1	101	45.6	1364	9	64	39	7.111	1.641	0.231	4.7	22.21
2717	40.0538	116.0604	-298.8	631	DN1	0	0	0	0	94	45.9	1339	30	53	30	1.767	1.767	1.000	4.7	22.20
2718	40.0534	116.0604	-298.8	661	DN1	0	1	0	0	102	46.5	1309	18	28	1	1.556	28.000	18.000	4.6	22.19
2719	40.0530	116.0604	-300.1	685	DN1	0	0	0	1	104	46.9	1379	6	77	31	12.833	2.484	0.194	4.6	22.19
2720	40.0526	116.0604	-301.3	726	DN1	1	0	1	0	98	52.0	1456	24	22	53	0.917	0.415	0.453	4.6	22.19
2721	40.0522	116.0604	-301.0	767	DN1	1	0	1	0	108	52.8	1522	13	25	53	1.923	0.472	0.245	4.5	22.18
2722	40.0518	116.0604	-301.4	789	DN1	1	0	0	0	94	53.1	1568	19	39	69	2.053	0.565	0.275	4.4	22.17
2723	40.0515	116.0604	-302.4	796	DN1	1	0	0	0	102	53.2	1536	23	51	49	2.217	1.041	0.469	4.4	22.16
2724	40.0511	116.0604	-303.7	818	DN1	1	1	0	0	92	53.6	1571	17	129	-41	7.588	-3.146	-0.415	4.3	22.16
2725	40.0507	116.0604	-303.8	816	DN1	1	1	0	0	90	53.6	1540	16	76	-16	4.750	-4.750	-1.000	4.2	22.16
2726	40.0503	116.0604	-304.8	785	DN1	1	0	1	0	108	53.1	1543	15	17	74	1.133	0.230	0.203	4.1	22.17
2727	40.0499	116.0604	-305.0	733	DN1	1	0	1	0	95	52.1	1496	23	15	78	0.652	0.192	0.295	4.1	22.17
2728	40.0495	116.0604	-306.8	703	DN1	1	0	0	1	98	51.6	1432	9	52	64	5.778	0.813	0.141	4.1	22.16
2729	40.0492	116.0604	-307.1	671	DN1	0	1	0	1	89	51.0	1423	7	72	17	10.286	4.235	0.412	4.0	22.17
2730	40.0488	116.0604	-308.1	620	DN1	0	1	0	0	91	49.9	1420	16	89	21	5.563	4.238	0.762	3.9	22.17

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	I	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2731	40.0484	116.0604	-308.8	568	DN1	0	0	0	0	91	48.8	1432	10	70	34	7.000	2.059	0.294	3.8	22.17
2732	40.0480	116.0604	-308.5	518	DN1	0	0	0	0	92	47.7	1491	25	27	63	1.080	0.429	0.397	3.7	22.16
2733	40.0476	116.0604	-310.5	496	DN1	0	0	0	0	93	47.2	1312	22	36	68	1.636	0.529	0.324	3.7	22.16
2734	40.0472	116.0604	-309.4	477	DN1	0	0	1	0	108	46.7	1359	32	21	43	0.656	0.488	0.744	3.7	22.16
2735	40.0469	116.0604	-310.7	417	DN1	0	0	0	0	105	45.2	1329	24	48	44	2.000	1.091	0.545	3.5	22.15
2736	40.0465	116.0604	-310.7	360	DN1	0	0	0	0	91	43.7	1185	20	54	54	2.700	1.000	0.370	3.4	22.15
2737	40.0461	116.0604	-311.1	348	DN1	0	0	0	0	104	43.4	1138	9	99	34	11.000	2.912	0.265	3.3	22.15
2738	40.0457	116.0604	-310.6	361	DN1	0	0	0	0	94	43.7	1202	22	51	48	2.318	1.063	0.458	3.3	22.14
2739	40.0453	116.0604	-312.3	399	DN1	0	0	0	0	86	41.3	1285	16	65	54	4.063	1.204	0.296	3.3	22.14
2740	40.0449	116.0604	-312.4	448	DN1	0	0	0	0	102	42.4	1394	9	63	94	7.000	0.670	0.096	3.2	22.15
2741	40.0447	116.0604	-313.3	475	DN1	0	0	0	0	89	43.0	1371	27	94	21	3.481	4.476	1.286	3.2	22.14
2742	40.0444	116.0604	-312.0	460	DN1	0	0	0	0	95	42.7	1384	11	119	51	10.818	2.333	0.216	3.2	22.14
2743	40.0441	116.0604	-312.2	418	DN1	0	0	0	0	102	41.7	1337	34	66	56	1.941	1.179	0.607	3.2	22.14
2744	40.0438	116.0604	-313.1	385	DN1	0	0	0	0	92	40.9	1272	15	92	35	6.133	2.629	0.429	3.1	22.13
2745	40.0436	116.0605	-313.6	334	DN1	0	0	0	0	113	39.6	1193	32	32	14	1.000	2.286	2.286	3.1	22.12
2746	40.0433	116.0605	-314.2	302	DN1	0	0	0	0	106	38.8	1219	8	52	48	6.500	1.083	0.167	3.1	22.11
2747	40.0430	116.0605	-314.2	342	DN1	0	0	0	0	97	39.8	1172	12	66	51	5.500	1.294	0.235	3.0	22.11
2748	40.0427	116.0605	-313.3	400	DN1	0	0	0	0	99	41.3	1263	15	85	38	5.667	2.237	0.395	3.0	22.10
2749	40.0424	116.0605	-312.4	461	DN1	0	0	0	0	95	42.7	1213	14	50	66	3.571	0.758	0.212	2.9	22.11
2750	40.0422	116.0605	-314.2	497	DN1	0	1	0	0	103	43.5	1278	13	73	11	5.615	6.636	1.182	3.0	22.11
2751	40.0419	116.0605	-314.8	531	DN1	0	0	0	1	99	44.2	1292	7	121	31	17.286	3.903	0.226	2.9	22.11
2752	40.0416	116.0605	-313.3	565	DN1	0	0	0	0	99	45.0	1425	14	62	39	4.429	1.590	0.359	2.9	22.12
2753	40.0413	116.0605	-313.1	603	DN1	0	0	0	1	90	45.7	1432	8	106	53	13.250	2.000	0.151	2.8	22.13
2754	40.0411	116.0606	-312.6	612	DN1	0	0	0	0	94	45.9	1398	17	70	33	4.118	2.121	0.515	2.7	22.13
2755	40.0408	116.0606	-314.8	571	DN1	0	0	0	1	98	45.1	1336	4	58	63	14.500	0.921	0.063	2.6	22.14
2756	40.0405	116.0606	-315.7	529	DN1	0	0	0	0	92	44.2	1315	9	100	46	11.111	2.174	0.196	2.6	22.15
2757	40.0402	116.0606	-316.1	495	DN1	0	1	0	0	101	43.5	1222	15	74	14	4.933	5.286	1.071	2.6	22.15
2758	40.0399	116.0606	-316.5	490	DN1	0	0	0	1	91	42.8	1218	0	121	20	121.000	6.050	0.050	2.6	22.17
2759	40.0397	116.0606	-315.6	493	DN1	0	0	1	0	98	42.9	1234	25	21	45	0.840	0.467	0.556	2.5	22.18
2760	40.0394	116.0606	-315.7	519	DN1	0	0	0	0	95	43.4	1213	17	63	19	3.706	3.316	0.895	2.5	22.19
2761	40.0391	116.0606	-315.7	565	DN1	0	0	0	0	101	44.4	1277	9	50	45	5.556	1.111	0.200	2.5	22.21
2762	40.0388	116.0606	-315.4	611	DN1	0	0	0	0	99	45.3	1255	16	47	35	2.938	1.343	0.457	2.4	22.23
2763	40.0385	116.0607	-317.4	648	DN1	0	1	0	0	94	46.0	1380	25	101	-40	4.040	-2.525	-0.625	2.4	22.25
2764	40.0383	116.0607	-317.1	697	DN1	0	0	0	0	95	46.9	1374	17	31	69	1.824	0.449	0.246	2.4	22.27
2765	40.0380	116.0607	-317.4	673	DN1	0	0	0	0	97	46.4	1398	17	61	37	3.588	1.649	0.459	2.3	22.28
2766	40.0377	116.0607	-317.2	684	DN1	0	1	0	0	100	46.6	1365	22	79	-26	3.591	-3.038	-0.846	2.3	22.29
2767	40.0374	116.0607	-316.1	679	DN1	0	0	0	0	94	46.5	1424	19	56	33	2.947	1.697	0.576	2.1	22.30
2768	40.0372	116.0607	-318.4	673	DN1	0	1	0	1	93	46.4	1367	0	95	18	95.000	5.278	0.056	2.1	22.31
2769	40.0369	116.0607	-318.2	655	DN1	0	0	0	1	92	46.1	1392	-7	73	62	-10.429	1.177	-0.113	2.1	22.32
2770	40.0366	116.0607	-318.6	645	DN1	0	0	1	0	107	45.9	1285	31	-12	55	-0.387	-0.218	0.564	2.0	22.34
2771	40.0363	116.0607	-319.7	668	DN1	0	0	0	0	90	46.3	1394	24	55	64	2.292	0.859	0.375	2.0	22.35
2772	40.0360	116.0608	-319.0	676	DN1	0	1	0	0	96	46.5	1302	30	46	0	1.533	46.000	30.000	1.9	22.36
2773	40.0358	116.0608	-319.5	633	DN1	0	0	1	1	104	45.7	1265	8	7	57	0.875	0.123	0.140	1.9	22.38
2774	40.0355	116.0608	-321.7	588	DN1	0	0	1	0	91	44.8	1131	21	-20	36	-0.952	-0.556	0.583	1.9	22.39
2775	40.0352	116.0608	-322.4	545	DN1	0	0	0	0	94	44.0	1102	17	31	29	1.824	1.069	0.586	1.9	22.39
2776	40.0349	116.0608	-323.1	565	DN1	0	0	0	1	89	44.4	1225	6	51	34	8.500	1.500	0.176	1.9	22.40
2777	40.0347	116.0608	-323.6	605	DN1	0	0	0	1	100	38.8	1194	6	50	29	8.333	1.724	0.207	1.9	22.41
2778	40.0344	116.0608	-322.5	654	DN1	0	0	1	0	84	39.6	1212	28	16	49	0.571	0.327	0.571	1.8	22.41
2779	40.0341	116.0608	-323.4	710	DN1	1	0	0	1	91	40.4	1273	1	32	76	32.000	0.421	0.013	1.7	22.42
2780	40.0338	116.0608	-324.1	731	DN1	1	1	0	1	100	40.7	1276	0	83	23	83.000	3.609	0.043	1.7	22.44
2781	40.0335	116.0609	-325.6	736	DN1	1	0	0	1	90	40.8	1277	8	54	38	6.750	1.421	0.211	1.7	22.45
2782	40.0333	116.0609	-326.5	675	DN1	0	1	0	1	100	39.9	1312	0	68	17	68.000	4.000	0.059	1.6	22.45
2783	40.0330	116.0609	-327.0	623	DN1	0	0	0	0	97	39.1	1162	11	29	32	2.636	0.906	0.344	1.6	22.46
2784	40.0327	116.0609	-327.5	599	DN1	0	1	0	0	93	38.7	1153	10	46	7	4.600	6.571	1.429	1.6	22.48

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2785	40.0324	116.0609	-327.3	614	DN1	0	0	1	0	92	38.9	1102	14	14	25	1.000	0.560	0.560	1.5	22.50
2786	40.0321	116.0609	-328.0	654	DN1	0	1	0	0	93	39.6	1221	26	56	-6	2.154	-9.333	-4.333	1.5	22.52
2787	40.0319	116.0609	-328.3	686	DN1	0	1	0	0	90	40.1	1268	28	64	0	2.286	64.000	28.000	1.5	22.53
2788	40.0316	116.0609	-329.9	727	DN1	1	0	1	0	81	40.7	1282	23	6	66	0.261	0.091	0.348	1.5	22.55
2789	40.0313	116.0609	-330.1	745	DN1	1	1	0	0	90	40.9	1433	18	100	-30	5.556	-3.333	-0.600	1.4	22.56
2790	40.0310	116.0610	-331.3	721	DN1	1	0	0	1	94	40.6	1404	10	54	43	5.400	1.256	0.233	1.4	22.58
2791	40.0308	116.0610	-332.1	676	DN1	0	0	1	0	91	39.9	1273	23	-11	46	-0.478	-0.239	0.500	1.4	22.59
2792	40.0305	116.0610	-332.0	663	DN1	0	1	0	0	81	39.7	1180	13	88	12	6.769	7.333	1.083	1.4	22.60
2793	40.0302	116.0610	-331.9	693	DN1	0	0	0	1	87	40.2	1261	9	29	52	3.222	0.558	0.173	1.4	22.61
2794	40.0299	116.0610	-331.9	724	DN1	1	0	0	1	78	40.6	1413	4	85	26	21.250	3.269	0.154	1.4	22.63
2795	40.0296	116.0610	-332.9	716	DN1	1	0	0	0	96	40.5	1337	17	39	29	2.294	1.345	0.586	1.3	22.64
2796	40.0294	116.0610	-333.9	663	DN1	0	0	0	0	90	46.5	1251	14	36	39	2.571	0.923	0.359	1.3	22.65
2797	40.0291	116.0610	-334.1	626	DN1	0	0	0	0	90	45.8	1221	13	48	33	3.692	1.455	0.394	1.3	22.66
2798	40.0288	116.0610	-333.8	636	DN1	0	0	1	0	87	46.0	1254	18	-41	82	-2.278	-0.500	0.220	1.3	22.67
2799	40.0285	116.0610	-334.3	652	DN1	0	1	0	0	84	46.3	1302	19	90	-8	4.737	-11.250	-2.375	1.3	22.68
2800	40.0283	116.0611	-334.4	672	DN1	0	1	0	0	92	46.6	1296	15	77	-11	5.133	-7.000	-1.364	1.3	22.69
2801	40.0280	116.0611	-333.9	633	DN1	0	0	1	1	86	45.9	1301	0	20	67	20.000	0.299	0.015	1.3	22.70
2802	40.0277	116.0611	-336.0	596	DN1	0	0	0	0	77	45.2	1293	16	81	34	5.063	2.382	0.471	1.3	22.70
2803	40.0274	116.0611	-336.1	594	DN1	0	0	0	0	94	45.2	1332	24	41	31	1.708	1.323	0.774	1.3	22.71
2804	40.0271	116.0611	-334.6	643	DN1	0	0	1	0	80	46.1	1315	27	0	42	0.037	0.024	0.643	1.3	22.71
2805	40.0269	116.0611	-335.8	661	DN1	0	0	0	0	83	46.4	1334	11	63	31	5.727	2.032	0.355	1.3	22.72
2806	40.0266	116.0611	-335.0	638	DN1	0	1	0	0	90	46.0	1273	32	39	6	1.219	6.500	5.333	1.2	22.72
2807	40.0263	116.0611	-334.5	592	DN1	0	1	0	0	87	45.1	1200	10	96	-28	9.600	-3.429	-0.357	1.2	22.72
2808	40.0260	116.0611	-335.2	586	DN1	0	0	1	0	83	45.0	1306	11	20	46	1.818	0.435	0.239	1.2	22.73
2809	40.0258	116.0612	-334.5	587	DN1	0	0	1	0	77	45.0	1250	26	-4	70	-0.154	-0.057	0.371	1.2	22.73
2810	40.0255	116.0612	-333.9	607	DN1	0	1	0	0	89	45.4	1242	13	55	16	4.231	3.438	0.813	1.2	22.75
2811	40.0252	116.0612	-333.0	613	DN1	0	0	1	0	86	45.5	1286	26	24	54	0.923	0.444	0.481	1.2	22.76
2812	40.0249	116.0612	-333.5	623	DN1	0	0	0	0	98	45.7	1266	15	49	29	3.267	1.690	0.517	1.2	22.77
2813	40.0246	116.0612	-334.1	620	DN1	0	0	1	0	85	45.7	1431	17	19	112	1.118	0.170	0.152	1.2	22.77
2814	40.0244	116.0612	-334.4	566	DN1	0	0	0	0	86	44.6	1346	13	90	52	6.923	1.731	0.250	1.2	22.77
2815	40.0241	116.0612	-334.5	536	DN1	0	0	0	1	86	38.7	1341	0	77	86	77.000	0.895	0.012	1.2	22.77
2816	40.0238	116.0612	-333.4	526	DN1	0	0	0	0	96	38.5	1353	29	45	66	1.552	0.682	0.439	1.2	22.78
2817	40.0235	116.0612	-333.5	525	DN1	0	0	0	0	85	38.5	1381	33	52	42	1.576	1.238	0.786	1.2	22.77
2818	40.0232	116.0613	-333.8	537	DN1	0	0	0	0	95	38.7	1365	20	83	46	4.150	1.804	0.435	1.2	22.77
2819	40.0230	116.0613	-332.5	555	DN1	0	0	0	0	80	39.1	1424	11	76	81	6.909	0.938	0.136	1.2	22.77
2820	40.0227	116.0613	-332.4	572	QOA3	0	0	0	0	88	39.4	1367	20	61	48	3.050	1.271	0.417	1.2	22.77
2821	40.0224	116.0613	-332.6	564	QOA3	0	0	0	0	88	39.2	1382	14	116	31	8.286	3.742	0.452	1.2	22.78
2822	40.0221	116.0613	-332.0	548	QOA3	0	0	0	0	82	38.9	1314	33	49	46	1.485	1.065	0.717	1.2	22.79
2823	40.0219	116.0613	-333.3	532	QOA3	0	0	0	0	86	38.6	1361	11	52	80	4.727	0.650	0.137	1.3	22.79
2824	40.0216	116.0613	-334.6	539	QOA3	0	0	0	0	91	38.8	1337	29	24	79	0.857	0.304	0.354	1.3	22.80
2825	40.0213	116.0613	-334.7	556	QOA3	0	0	0	0	87	39.1	1402	21	75	51	3.571	1.471	0.412	1.3	22.80
2826	40.0210	116.0613	-333.3	567	QOA3	0	0	0	0	86	39.3	1457	26	32	69	1.231	0.464	0.377	1.3	22.80
2827	40.0207	116.0614	-331.8	575	QOA3	0	0	0	0	86	39.4	1422	21	80	56	3.810	1.429	0.375	1.3	22.81
2828	40.0205	116.0614	-331.1	577	QOA3	0	0	0	0	95	39.5	1377	12	62	67	5.167	0.925	0.179	1.3	22.81
2829	40.0201	116.0614	-332.1	526	QOA3	0	0	0	1	96	38.5	1293	5	74	52	14.800	1.423	0.096	1.4	22.81
2830	40.0197	116.0614	-331.6	499	QOA3	0	1	0	1	88	38.0	1291	1	148	16	148.000	9.250	0.063	1.4	22.81
2831	40.0193	116.0614	-331.4	490	QOA3	0	0	0	0	91	37.9	1218	19	57	35	3.000	1.629	0.543	1.5	22.81
2832	40.0188	116.0614	-331.3	446	QOA3	0	1	0	1	87	37.0	1093	-2	110	2	-55.000	55.000	-1.000	1.5	22.82
2833	40.0184	116.0614	-332.3	417	QOA3	0	0	0	0	90	36.4	1090	10	73	40	7.300	1.825	0.250	1.6	22.82
2834	40.0180	116.0614	-332.2	438	QOA3	0	1	0	0	92	31.6	1099	9	89	15	9.889	5.933	0.600	1.6	22.82
2835	40.0176	116.0614	-330.8	483	QOA3	0	1	0	0	92	32.3	1184	14	90	0	6.429	90.000	[illegible].000	1.6	22.82
2836	40.0172	116.0614	-331.5	498	QOA3	0	0	0	0	88	32.6	1143	13	43	57	3.308	0.754	0.228	1.6	22.83
2837	40.0168	116.0614	-330.0	535	QOA3	0	0	0	0	94	33.2	1274	15	103	28	6.867	3.679	0.536	1.7	22.83
2838	40.0164	116.0614	-330.1	550	QOA3	0	0	0	1	78	33.4	1147	6	68	43	11.333	1.581	0.140	1.7	22.83

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2839	40.0160	116.0614	-329.8	53i	QOA3	0	1	0	0	89	33.1	1166	17	75	17	4.412	4.412	1.000	1.7	22.84
2840	40.0156	116.0614	-329.1	498	QOA3	0	0	0	0	88	32.6	1175	21	42	53	2.000	0.792	0.396	1.8	22.84
2841	40.0152	116.0614	-329.8	504	QOA3	0	0	0	0	96	32.7	1168	33	35	28	1.061	1.250	1.179	1.8	22.85
2842	40.0148	116.0614	-329.6	539	QOA3	0	0	1	0	93	33.2	1247	26	10	70	0.385	0.143	0.371	1.8	22.85
2843	40.0144	116.0614	-328.0	577	QOA3	0	0	1	0	87	33.8	1291	24	20	55	0.833	0.364	0.436	1.8	22.85
2844	40.0140	116.0614	-329.6	604	QOA3	0	1	0	0	79	34.2	1390	10	147	11	14.700	13.364	0.909	1.9	22.86
2846	40.0132	116.0614	-329.3	551	QOA3	0	1	0	0	94	33.4	1194	30	32	14	1.067	2.286	2.143	1.9	22.86
2847	40.0128	116.0614	-327.3	499	QOA3	0	0	0	0	93	32.6	1257	10	61	23	6.100	2.652	0.435	2.0	22.87
2848	40.0124	116.0614	-327.3	497	QOA3	0	0	0	1	92	32.6	1179	4	53	58	13.250	0.914	0.069	2.1	22.87
2849	40.0120	116.0614	-326.8	498	QOA3	0	0	0	0	88	32.6	1264	17	30	81	1.765	0.370	0.210	2.0	22.87
2850	40.0116	116.0614	-326.7	515	QOA3	0	1	0	0	76	32.9	1145	24	67	14	2.792	4.786	1.714	2.1	22.88
2851	40.0112	116.0614	-325.8	570	QOA3	0	0	0	0	85	33.7	1306	23	69	40	3.000	1.725	0.575	2.1	22.88
2852	40.0108	116.0614	-324.2	614	QOA3	0	0	0	0	94	34.4	1317	14	43	78	3.071	0.551	0.179	2.2	22.88
2853	40.0104	116.0614	-322.6	602	QOA3	0	1	0	0	81	34.2	1227	17	95	7	5.588	13.571	2.429	2.2	22.88
2854	40.0099	116.0614	-322.1	570	QOA3	0	1	0	0	91	19.5	1204	20	81	17	4.050	4.765	1.176	2.3	22.88
2855	40.0095	116.0614	-323.2	532	QOA3	0	0	0	0	82	19.1	1216	26	96	29	3.692	3.310	0.897	2.4	22.88
2856	40.0091	116.0614	-321.7	535	QOA3	0	0	0	1	85	19.2	1138	6	85	36	14.167	2.361	0.167	2.4	22.88
2857	40.0087	116.0614	-319.5	564	QOA3	0	0	0	1	92	19.4	1234	3	104	37	34.667	2.811	0.081	2.4	22.89
2858	40.0083	116.0614	-319.1	610	QOA3	0	0	0	0	86	19.8	1200	22	31	64	1.409	0.484	0.344	2.5	22.89
2859	40.0079	116.0614	-318.2	631	QOA3	0	0	0	0	81	20.0	1252	32	89	23	2.781	3.870	1.391	2.5	22.89
2860	40.0075	116.0614	-318.8	623	QOA3	0	0	1	0	89	19.9	1190	23	6	73	0.261	0.082	0.315	2.6	22.89
2861	40.0071	116.0614	-317.6	594	QOA3	0	0	0	0	93	19.7	1182	11	56	55	5.091	1.018	0.200	2.6	22.89
2862	40.0067	116.0614	-316.8	574	QOA3	0	0	0	0	79	19.5	1220	20	44	32	2.200	1.375	0.625	2.6	22.89
2863	40.0063	116.0614	-315.8	577	QOA3	0	0	0	0	84	19.6	1141	14	34	80	2.429	0.425	0.175	2.7	22.89
2864	40.0059	116.0614	-314.3	605	QOA3	0	0	0	0	82	19.8	1216	25	27	78	1.080	0.346	0.321	2.7	22.89
2865	40.0055	116.0614	-312.9	630	QOA3	0	1	0	1	93	20.0	1265	6	94	14	15.667	6.714	0.429	2.8	22.89
2866	40.0051	116.0614	-311.3	642	QOA3	0	0	0	1	93	20.1	1233	7	95	30	13.571	3.167	0.233	2.8	22.90
2867	40.0047	116.0614	-311.3	646	QOA3	0	1	0	1	85	20.1	1198	1	142	5	142.000	28.400	0.200	2.9	22.90
2868	40.0043	116.0614	-311.6	646	NA	0	0	0	0	93	20.1	1299	13	52	63	4.000	0.825	0.206	3.0	22.90
2869	40.0039	116.0614	-311.0	630	NA	0	0	0	0	75	20.0	1238	23	44	71	1.913	0.620	0.324	3.0	22.91
2870	40.0035	116.0614	-309.2	635	NA	0	0	0	0	72	20.0	1302	26	79	33	3.038	2.394	0.788	3.0	22.91
2871	40.0031	116.0614	-307.4	645	NA	0	0	0	1	90	20.1	1312	4	92	57	23.000	1.614	0.070	3.1	22.92
2872	40.0027	116.0614	-307.6	636	NA	0	0	0	1	89	20.0	1190	3	86	40	28.667	2.150	0.075	3.1	22.92
2873	40.0023	116.0614	-307.6	629	NA	0	0	0	0	89	25.8	1250	22	25	49	1.136	0.510	0.449	3.2	22.92
2874	40.0019	116.0614	-306.5	615	NA	0	0	0	0	84	25.6	1227	40	41	37	1.025	1.108	1.081	3.2	22.93
2876	40.0010	116.0614	-306.9	629	NA	0	0	0	0	79	25.8	1218	11	81	39	7.364	2.077	0.282	3.2	22.94
2877	40.0006	116.0614	-306.8	650	NA	0	1	0	0	84	26.0	1249	28	123	-9	4.393	-13.667	-3.111	3.3	22.94
2878	40.0002	116.0614	-305.5	660	NA	0	0	0	0	81	26.1	1350	25	42	98	1.680	0.429	0.255	3.3	22.94
2879	39.9998	116.0614	-304.4	668	NA	0	1	0	0	82	26.2	1375	15	142	15	9.467	9.467	1.000	3.3	22.95
2880	39.9994	116.0614	-303.3	662	NA	0	1	0	0	83	26.1	1295	32	75	0	2.344	75.000	32.000	3.3	22.95
2881	39.9990	116.0614	-302.8	637	NA	0	0	0	0	86	25.9	1244	16	58	25	3.625	2.320	0.640	3.3	22.96
2882	39.9986	116.0614	-302.4	623	NA	0	0	0	1	78	25.7	1301	7	95	45	13.571	2.111	0.156	3.3	22.96
2883	39.9982	116.0614	-302.4	599	NA	0	0	0	0	90	25.5	1284	22	69	48	3.136	1.438	0.458	3.3	22.97
2884	39.9978	116.0614	-303.4	565	NA	0	0	0	0	82	25.1	1189	25	40	40	1.600	1.000	0.625	3.2	22.97
2885	39.9974	116.0614	-303.0	566	NA	0	0	0	1	94	25.1	1233	5	34	90	6.800	0.378	0.056	3.2	22.97
2886	39.9970	116.0614	-301.7	602	NA	0	0	0	1	88	25.5	1187	4	41	67	10.250	0.612	0.060	3.2	22.98
2887	39.9966	116.0614	-301.1	646	NA	0	0	0	0	91	26.0	1332	18	76	37	4.222	2.054	0.486	3.2	22.98
2888	39.9962	116.0614	-299.6	680	NA	0	1	0	0	86	26.3	1293	25	139	-39	5.560	-3.564	-0.641	3.2	22.98
2889	39.9958	116.0614	-300.6	687	NA	0	1	0	0	89	26.4	1396	17	133	5	7.824	26.600	3.400	3.2	22.98
2890	39.9954	116.0614	-302.7	667	NA	0	0	0	0	84	26.2	1292	25	71	38	2.840	1.868	0.658	3.2	22.98
2891	39.9950	116.0614	-302.7	620	NA	0	0	0	0	81	25.7	1310	33	73	33	2.212	2.212	1.000	3.2	22.99
2892	39.9946	116.0614	-303.7	558	NA	0	0	0	1	93	25.0	1216	2	68	80	34.000	0.850	0.025	3.2	22.98
2893	39.9942	116.0614	-304.1	548	NA	0	0	0	1	78	32.5	1263	7	84	30	12.000	2.800	0.233	3.2	22.98
2894	39.9938	116.0614	-304.0	595	NA	0	0	0	1	84	33.2	1259	5	35	74	7.000	0.473	0.068	3.3	22.97

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2895	39.9934	116.0614	-304.3	618	NA	0	0	0	0	73	33.5	1352	18	43	76	2.389	0.566	0.237	3.2	22.96
2896	39.9930	116.0614	-306.7	608	NA	0	0	0	0	81	33.4	1315	15	81	59	5.400	1.373	0.254	3.2	22.95
2897	39.9925	116.0614	-306.1	592	NA	0	0	0	0	84	33.1	1362	20	38	54	1.900	0.704	0.370	3.2	22.94
2898	39.9921	116.0614	-306.8	571	NA	0	0	1	0	82	32.8	1284	25	3	92	0.120	0.033	0.272	3.2	22.92
2900	39.9913	116.0614	-309.3	0	NA	0	0	0	0	73	21.3	613	13	52	8	4.000	6.500	1.625	3.1	20.02
2901	39.9909	116.0614	-303.0	521	NA	0	0	0	0	76	32.1	1209	19	98	24	5.158	4.083	0.792	3.0	22.88
2902	39.9905	116.0614	-301.9	537	NA	0	0	0	0	85	32.3	1269	20	27	78	1.350	0.346	0.256	3.0	22.87
2903	39.9901	116.0614	-301.7	527	NA	0	0	1	0	84	32.2	1209	24	10	79	0.417	0.127	0.304	3.0	22.86
2904	39.9897	116.0614	-300.6	522	NA	0	0	0	1	89	32.1	1114	7	57	54	8.143	1.056	0.130	2.9	22.84
2905	39.9893	116.0614	-300.8	556	NA	0	0	0	0	79	32.6	1272	14	54	66	3.857	0.818	0.212	2.8	22.82
2906	39.9889	116.0614	-300.6	584	NA	0	0	0	0	89	33.0	1367	10	76	54	7.600	1.407	0.185	2.7	22.80
2907	39.9885	116.0614	-301.0	603	NA	0	0	0	0	85	33.3	1273	16	80	50	5.000	1.600	0.320	2.6	22.79
2908	39.9881	116.0614	-300.3	628	NA	0	1	0	0	92	33.6	1263	23	54	13	2.348	4.154	1.769	2.6	22.75
2909	39.9877	116.0614	-299.8	606	NA	0	0	0	0	89	33.3	1185	16	63	34	3.938	1.853	0.471	2.5	22.73
2910	39.9873	116.0614	-300.3	575	NA	0	1	0	0	83	32.9	1212	17	90	0	5.294	90.000	17.000	2.5	22.72
2911	39.9869	116.0614	-300.6	539	NA	0	1	0	0	91	32.3	1224	13	82	9	6.308	9.111	1.444	2.4	22.71
2912	39.9865	116.0614	-301.6	509	NA	0	0	0	1	97	31.9	1192	-3	71	71	-23.667	1.000	-0.042	2.3	22.68
2913	39.9861	116.0614	-301.4	513	NA	0	1	0	1	96	40.1	1133	4	107	5	26.750	21.400	0.800	2.3	22.67
2914	39.9857	116.0614	-300.7	542	NA	0	0	0	0	81	40.7	1308	18	81	31	4.500	2.613	0.581	2.3	22.66
2915	39.9853	116.0614	-300.5	567	NA	0	0	0	0	98	41.2	1314	10	73	47	7.300	1.553	0.213	2.2	22.65
2916	39.9849	116.0614	-299.5	536	NA	0	0	0	0	95	40.6	1301	12	73	38	6.083	1.921	0.316	2.2	22.64
2917	39.9845	116.0614	-301.5	515	NA	0	0	0	0	90	40.2	1289	29	43	31	1.483	1.387	0.935	2.1	22.62
2918	39.9841	116.0614	-300.6	499	NA	0	0	0	0	89	39.8	1210	14	73	34	5.214	2.147	0.412	2.1	22.59
2919	39.9836	116.0614	-302.2	493	NA	0	1	0	0	92	39.7	1182	40	44	6	1.100	7.333	6.667	2.0	22.57
2920	39.9832	116.0614	-302.3	488	NA	0	0	0	0	91	39.6	1161	14	72	42	5.143	1.714	0.333	2.0	22.55
2921	39.9828	116.0614	-300.5	468	NA	0	0	0	0	93	39.2	1230	28	92	21	3.286	4.381	1.333	1.9	22.52
2922	39.9824	116.0614	-300.5	441	NA	0	1	0	1	90	38.6	1090	4	102	15	25.500	6.800	0.267	1.9	22.50
2923	39.9820	116.0614	-300.3	436	NA	0	0	0	0	90	38.6	1127	22	46	51	2.091	0.902	0.431	1.9	22.49
2924	39.9816	116.0614	-299.8	469	NA	0	0	0	0	93	39.2	1304	26	70	56	2.692	1.250	0.464	1.9	22.47
2925	39.9812	116.0614	-300.4	495	NA	0	0	0	0	89	39.8	1264	19	43	51	2.263	0.843	0.373	1.8	22.46
2926	39.9808	116.0614	-299.8	504	NA	0	0	0	1	97	40.0	1336	-2	81	63	-40.500	1.286	-0.032	1.7	22.45
2927	39.9804	116.0614	-301.5	538	NA	0	0	0	0	96	40.6	1332	31	35	54	1.129	0.648	0.574	1.7	22.43
2928	39.9800	116.0614	-300.7	550	NA	0	0	0	0	100	40.8	1476	23	60	54	2.609	1.111	0.426	1.6	22.42
2929	39.9796	116.0614	-300.4	527	NA	0	0	0	0	91	40.4	1335	21	65	57	3.095	1.140	0.368	2.0	22.41
2930	39.9792	116.0614	-301.6	512	NA	0	1	0	0	91	40.1	1275	30	73	16	2.433	4.563	1.875	2.8	22.40
2932	39.9784	116.0614	-301.0	498	NA	0	0	0	0	97	39.8	1239	12	82	46	6.833	1.783	0.261	-0.5	22.39
2933	39.9780	116.0614	-299.8	499	NA	0	0	0	0	103	36.6	1347	18	45	48	2.500	0.938	0.375	7.8	22.38
2934	39.9776	116.0614	-299.6	516	NA	0	0	0	0	96	36.9	1292	15	76	49	5.067	1.551	0.306	1.1	22.38
2935	39.9772	116.0614	-300.3	560	NA	0	0	1	0	100	37.7	1257	25	15	60	0.600	0.250	0.417	-0.3	22.38
2936	39.9768	116.0614	-298.9	615	NA	0	0	0	0	88	38.6	1278	23	62	53	2.696	1.170	0.434	-0.8	22.39
2937	39.9764	116.0614	-298.2	670	NA	0	0	0	1	86	39.4	1353	9	109	38	12.111	2.868	0.237	-0.4	22.39
2938	39.9760	116.0614	-297.5	704	NA	1	0	0	0	92	40.0	1446	12	81	57	6.750	1.421	0.211	2.8	22.40
2939	39.9756	116.0614	-298.3	727	NA	1	0	0	0	93	40.3	1494	19	92	31	4.842	2.968	0.613	2.0	22.41
2940	39.9751	116.0614	-298.5	740	NA	1	0	0	1	90	40.5	1467	8	45	98	5.625	0.459	0.082	1.0	22.42
2941	39.9747	116.0614	-298.7	746	NA	1	0	0	0	89	40.6	1508	25	41	70	1.640	0.586	0.357	1.3	22.44
2942	39.9743	116.0614	-299.3	741	NA	1	0	0	0	93	40.5	1451	20	59	73	2.950	0.808	0.274	1.7	22.45
2943	39.9739	116.0614	-299.0	718	NA	1	0	0	0	95	40.2	1385	21	77	43	3.667	1.791	0.488	1.8	22.46
2944	39.9735	116.0614	-299.4	699	NA	0	0	0	0	94	39.9	1372	17	56	74	3.294	0.757	0.230	1.6	22.48
2945	39.9731	116.0614	-299.2	699	NA	0	0	0	0	93	39.9	1378	16	46	57	2.875	0.807	0.281	2.2	22.49
2946	39.9727	116.0614	-298.5	723	NA	1	1	0	0	88	40.2	1553	29	88	25	3.034	3.520	1.160	5.7	22.50
2947	39.9723	116.0614	-299.1	739	NA	1	0	0	0	92	40.5	1498	18	48	59	2.667	0.814	0.305	-0.4	22.51
2948	39.9719	116.0614	-298.9	778	NA	1	0	0	0	90	41.0	1455	24	60	83	2.500	0.723	0.289	-0.7	22.51
2949	39.9715	116.0614	-299.0	797	NA	1	0	0	0	96	41.2	1504	26	38	91	1.462	0.418	0.286	0.9	22.51
2950	39.9711	116.0614	-299.4	808	NA	1	1	0	0	92	41.4	1409	37	90	-8	2.432	-11.250	-4.625	1.1	22.52

BP
5.46
5.46
5.45
5.45
5.44
5.44
5.43
5.42
5.42
5.40
5.39
5.39
5.39
5.38
5.38
5.38
5.37
5.37
5.36
5.36
5.35
5.34
5.33
5.32
5.32
5.31
5.31
5.31
5.30
5.29
5.28
5.28
5.27
5.27
5.26
5.25
5.24
5.23
5.22
5.20
5.18
5.16
5.15
5.13
5.11
5.10
5.08
5.06
5.04
5.02
5.00
4.98
4.96

REC	LAT	LONG	RMAG	ALT	GEOUNT	A	K	U	T	COS	BIAIR	GC	TL	BI	K	BI:TL	BI:K	TL:K	TEMP	BP
2951	39.9707	116.0614	-299.4	817	NA	1	0	0	0	85	41.5	1389	29	49	93	1.690	0.527	0.312	-2.5	22.53
2952	39.9703	116.0614	-298.4	814	NA	1	1	0	0	90	41.5	1359	31	67	7	2.161	9.571	4.429	-1.5	22.55
2953	39.9699	116.0614	-299.4	812	NA	1	1	0	0	92	41.4	1481	25	57	21	2.280	2.714	1.190	0.0	22.56
2954	39.9695	116.0614	-299.0	812	NA	1	0	0	0	90	41.4	1526	25	107	65	4.280	1.646	0.385	-2.3	22.57
2955	39.9691	116.0614	-299.7	814	NA	1	0	0	0	84	41.5	1464	31	55	82	1.774	0.671	0.378	-3.4	22.57
2956	39.9687	116.0614	-300.7	820	NA	1	0	0	0	88	41.5	1485	18	93	49	5.167	1.898	0.367	0.7	22.57
2957	39.9683	116.0614	-301.6	804	NA	1	0	0	0	87	41.3	1493	20	88	41	4.400	2.146	0.488	0.9	22.58
2958	39.9679	116.0614	-300.5	792	NA	1	0	0	0	95	41.2	1574	16	55	74	3.438	0.743	0.216	1.5	22.59
2959	39.9675	116.0614	-299.4	804	NA	1	0	0	0	84	41.3	1583	26	102	87	3.923	1.172	0.299	1.7	22.60
2960	39.9671	116.0614	-298.9	811	NA	1	0	1	0	92	41.4	1458	28	25	105	0.893	0.238	0.267	-0.6	22.60
2962	39.9662	116.0614	-298.9	852	NA	1	0	0	0	82	41.9	1532	18	72	85	4.000	0.847	0.212	0.2	22.60
2963	39.9658	116.0614	-298.7	848	NA	1	0	0	0	87	41.9	1559	21	116	43	5.524	2.698	0.488	-4.0	22.61
2964	39.9654	116.0614	-298.7	841	NA	1	0	0	0	91	41.8	1690	43	49	113	1.140	0.434	0.381	-2.6	22.62
2965	39.9650	116.0614	-301.4	824	NA	1	0	0	0	91	41.6	1597	29	62	75	2.138	0.827	0.387	-1.8	22.63
2966	39.9646	116.0614	-301.1	811	NA	1	0	0	0	94	41.4	1604	27	36	154	1.333	0.234	0.175	-2.4	22.65
2967	39.9642	116.0614	-301.0	819	NA	1	0	0	1	95	41.5	1769	8	139	86	17.375	1.616	0.093	0.1	22.67
2968	39.9638	116.0614	-300.5	827	NA	1	0	0	0	93	41.6	1738	28	91	94	3.250	0.968	0.298	0.9	22.68
2969	39.9634	116.0614	-299.5	824	NA	1	0	0	0	94	41.6	1776	33	94	79	2.848	1.190	0.418	1.3	22.68
2970	39.9630	116.0614	-301.3	829	NA	1	0	0	0	94	41.7	1820	30	86	116	2.867	0.741	0.259	2.6	22.68
2971	39.9626	116.0614	-301.3	826	NA	1	0	0	1	96	41.6	1800	7	168	82	24.000	2.049	0.085	-0.9	22.69
2972	39.9622	116.0614	-301.9	823	NA	1	0	0	0	74	41.6	1718	40	54	141	1.350	0.383	0.284	-2.7	22.70
2973	39.9618	116.0614	-303.0	815	NA	1	0	0	0	90	41.5	1759	30	127	53	4.233	2.396	0.566	-0.3	22.71
2974	39.9614	116.0614	-303.6	823	NA	1	0	0	0	77	41.6	1680	34	92	102	2.706	0.902	0.333	1.0	22.72
2975	39.9610	116.0614	-304.5	846	NA	1	0	0	0	94	41.9	1893	60	69	86	1.150	0.802	0.698	3.6	22.73
2976	39.9606	116.0614	-303.2	859	NA	1	0	1	0	87	42.0	1882	52	10	142	0.192	0.070	0.366	6.4	22.73
2977	39.9602	116.0614	-303.8	850	NA	1	0	0	0	85	41.9	1857	26	47	162	1.808	0.290	0.160	-0.7	22.73
2978	39.9598	116.0614	-303.8	854	NA	1	1	0	0	90	42.0	1841	33	165	14	5.000	11.786	2.357	-0.7	22.74
2979	39.9594	116.0614	-302.8	850	NA	1	0	0	1	89	41.9	1809	12	41	179	3.417	0.229	0.067	0.5	22.74
2980	39.9590	116.0614	-303.8	850	NA	1	0	0	0	82	41.9	1688	30	73	114	2.433	0.640	0.263	-3.0	22.74