FLIGHT LINE 1 DAY 177 REDUCED DATA TEX-KENT 1979 PADUCAH

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1	10	500	37.9784	89.9990	-722.7	(WATER)	7.31	0.13	1.76	0.0	0.0	4.162	1388.	26.	11.	765.9	25.4	1
2	10	504	37.9783	89.9984	-721.0	(WATER)	5.14	0.36	1.21	0.0	0.0	4.240	1265.	37.	12.	766.4	25.5	1
3	10	508	37.9783	89.9976	-719.0	(WATER)	5.28	-1.50	1.47	0.0	0.0	3.606	1389.	50.	13.	766.4	25.5	1
4	10	504	37.9784	89.9969	-718.5	(WATER)	6.56	1.05	1.42	0.0	0.0	4.612	1457.	36.	7.	766.4	25.5	1
5	0	496	37.9784	89.9962	-718.5	(WATER)	6.59	2.70	1.21	0.410	2.228	5.434	1467.	34.	8.	766.4	25.5	1
6	0	496	37.9784	89.9956	-717.2	(WATER)	6.62	3.13	1.25	0.474	2.516	5.312	1489.	31.	4.	765.9	25.5	1
7	0	500	37.9784	89.9949	-717.5	(WATER)	7.52	1.73	1.34	0.230	1.293	5.616	1445.	36.	5.	765.9	25.4	1
8	0	504	37.9783	89.9942	-716.0	QAL	5.13	1.75	1.06	0.342	1.650	4.827	1400.	32.	10.	765.9	25.6	1
9	10	500	37.9783	89.9935	-713.7	QAL	5.90	0.32	1.31	0.0	0.0	4.499	1420.	25.	11.	765.4	25.6	1
10	10	496	37.9783	89.9927	-715.0	QAL	6.99	1.56	0.91	0.0	0.0	7.717	1414.	40.	11.	765.4	25.6	1
11	0	496	37.9783	89.9921	-712.7	QAL	4.99	2.15	1.31	0.431	1.635	3.797	1525.	37.	14.	765.9	25.6	1
12	10	492	37.9783	89.9914	-710.7	QAL	7.35	1.38	1.10	0.0	0.0	6.702	1421.	45.	9.	765.9	25.6	1
13	10	492	37.9784	89.9907	-710.5	QAL	7.15	0.41	1.23	0.0	0.0	5.809	1415.	40.	12.	765.4	25.5	1
14	10	496	37.9783	89.9900	-710.2	QAL	7.07	1.50	0.84	0.0	0.0	8.470	1314.	39.	9.	765.4	25.5	1
15	0	492	37.9783	89.9893	-708.5	QAL	6.99	2.40	1.05	0.343	2.282	6.660	1392.	33.	10.	765.9	25.5	1
16	0	492	37.9783	89.9886	-707.5	QAL	6.18	2.93	1.06	0.475	2.774	5.842	1398.	35.	5.	765.9	25.6	1
17	10	488	37.9783	89.9879	-707.0	QAL	5.97	0.68	1.15	0.0	0.0	5.195	1309.	40.	5.	765.9	25.5	1
18	10	480	37.9783	89.9872	-707.0	QAL	6.04	0.72	0.81	0.0	0.0	7.509	1234.	33.	6.	765.9	25.5	1
19	10	496	37.9783	89.9865	-706.0	QAL	5.17	0.82	0.97	0.0	0.0	5.330	1075.	35.	1.	765.4	25.4	1
20	10	504	37.9783	89.9858	-703.7	QAL	3.75	0.28	0.79	0.0	0.0	4.736	905.	33.	7.	765.4	25.5	1
21	1	508	37.9783	89.9852	-703.2	QAL	2.59	2.34	0.20	0.904	0.0	0.0	622.	39.	0.	766.4	25.5	1
22	1	508	37.9783	89.9844	-702.2	QAL	1.61	1.91	0.18	1.189	0.0	0.0	493.	43.	5.	766.4	25.5	1
23	110	504	37.9783	89.9837	-699.7	QAL	1.33	0.72	0.36	0.0	0.0	0.0	609.	50.	7.	766.4	25.5	1
24	10	496	37.9783	89.9830	-698.5	QAL	3.36	1.05	0.92	0.0	0.0	3.656	922.	40.	9.	766.4	25.5	1
25	10	488	37.9783	89.9823	-699.5	QAL	4.47	1.43	0.92	0.0	0.0	4.872	1093.	45.	10.	766.4	25.5	1
26	0	488	37.9783	89.9816	-697.2	QAL	5.60	1.77	1.15	0.316	1.541	4.882	1368.	29.	8.	766.4	25.5	1
27	0	488	37.9783	89.9809	-696.0	QAL	8.32	3.55	0.98	0.427	3.644	8.532	1396.	36.	9.	767.4	25.6	1
28	10	496	37.9783	89.9802	-695.2	QAL	4.43	1.60	1.46	0.0	0.0	3.030	1504.	32.	11.	766.4	25.6	1
29	0	500	37.9783	89.9796	-695.0	QAL	7.55	2.49	0.91	0.329	2.721	8.259	1535.	31.	5.	766.4	25.5	1
30	0	500	37.9783	89.9788	-693.0	QAL	6.54	1.94	1.06	0.296	1.824	6.167	1496.	44.	11.	766.4	25.6	1
31	10	504	37.9783	89.9782	-692.2	QAL	6.58	-0.00	1.37	0.0	0.0	4.819	1509.	36.	10.	766.4	25.6	1
32	0	504	37.9783	89.9774	-692.5	QAL	7.31	2.66	1.34	0.364	1.983	5.450	1601.	28.	8.	766.4	25.6	1
33	10	500	37.9783	89.9767	-692.2	QAL	6.67	1.45	1.15	0.0	0.0	5.781	1512.	38.	8.	766.4	25.5	1
34	0	492	37.9783	89.9761	-690.2	QAL	7.58	3.39	1.05	0.447	3.243	7.251	1517.	37.	3.	766.4	25.5	1
35	10	472	37.9783	89.9754	-689.5	QAL	5.40	1.48	0.90	0.0	0.0	6.030	1330.	33.	7.	766.4	25.5	1
36	10	472	37.9783	89.9747	-689.7	QAL	4.56	-0.39	1.24	0.0	0.0	3.684	1428.	38.	10.	766.4	25.5	1
37	0	484	37.9783	89.9739	-687.2	QAL	6.05	3.36	0.80	0.556	4.207	7.561	1432.	41.	10.	766.4	25.5	1
38	0	488	37.9782	89.9732	-686.2	QAL	4.66	1.88	1.28	0.404	1.465	3.631	1482.	39.	12.	766.4	25.6	1
39	0	496	37.9782	89.9726	-686.2	QAL	5.58	1.73	1.23	0.310	1.410	4.549	1465.	28.	11.	766.4	25.6	1
40	10	500	37.9782	89.9718	-684.5	QAL	4.82	1.07	1.15	0.0	0.0	4.194	1484.	32.	16.	765.4	25.6	1
41	10	504	37.9783	89.9712	-683.7	QAL	6.38	1.73	1.14	0.0	0.0	5.618	1433.	53.	13.	765.4	25.6	1
42	0	504	37.9783	89.9705	-684.7	QAL	7.73	2.14	0.85	0.276	2.508	9.078	1532.	45.	13.	765.9	25.6	1
43	10	504	37.9783	89.9697	-684.7	QAL	6.44	0.51	1.13	0.0	0.0	5.708	1512.	39.	14.	765.9	25.6	1
44	0	504	37.9782	89.9691	-683.5	QAL	5.80	2.84	0.94	0.490	3.015	6.156	1485.	47.	10.	765.9	25.6	1
45	10	504	37.9782	89.9684	-683.5	QAL	5.22	1.22	1.55	0.0	0.0	3.366	1565.	30.	13.	765.9	25.6	1
46	0	500	37.9782	89.9677	-683.2	QAL	6.76	3.47	0.85	0.513	4.091	7.977	1497.	38.	7.	765.9	25.6	1
47	0	496	37.9782	89.9670	-682.2	QAL	6.08	2.72	1.12	0.448	2.422	5.411	171.	30.	12.	766.4	25.6	1
48	0	492	37.9782	89.9663	-681.5	QAL	5.39	1.65	1.28	0.305	1.285	4.213	1633.	33.	8.	766.4	25.6	1
49	10	492	37.9782	89.9656	-682.2	QAL	9.12	1.57	1.27	0.0	0.0	7.182	1635.	41.	10.	765.4	25.6	1
50	0	488	37.9782	89.9649	-682.5	QAL	5.48	3.26	1.10	0.595	2.961	4.972	1536.	37.	8.	765.9	25.6	1
51	10	492	37.9782	89.9643	-682.2	QAL	7.98	0.38	1.43	0.0	0.0	5.573	1567.	39.	7.	766.9	25.6	1
52	10	496	37.9782	89.9635	-681.2	QAL	5.37	0.96	1.22	0.0	0.0	4.381	1486.	41.	10.	766.9	25.6	1
53	0	496	37.9782	89.9628	-679.0	QAL	5.14	2.44	1.26	0.474	1.931	4.073	1537.	43.	8.	766.9	25.6	1

CP9 LP12

* TAGS *			* LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
54	0	492	37.9782	89.9621	-676.7	QAL	6.54	3.06	1.17	0.469	2.609	5.568	1561.	47.	6.	766.9	25.6	1
55	10	496	37.9782	89.9614	-675.7	QAL	6.42	0.21	1.26	0.0	0.0	5.081	1538.	37.	14.	765.9	25.6	1
56	10	492	37.9782	89.9608	-674.0	QAL	4.17	1.35	1.36	0.0	0.0	3.061	1509.	41.	12.	765.9	25.6	1
57	0	488	37.9782	89.9601	-672.7	QAL	5.32	2.12	1.09	0.399	1.937	4.861	1525.	35.	19.	766.4	25.6	1
58	10	488	37.9782	89.9593	-673.0	QAL	6.10	1.15	1.24	0.0	0.0	4.919	1483.	36.	16.	766.4	25.6	1
59	0	488	37.9782	89.9586	-671.7	QAL	8.03	1.96	1.15	0.244	1.699	6.967	1507.	31.	16.	766.9	25.6	1
60	0	488	37.9782	89.9579	-670.7	QAL	4.32	2.85	1.07	0.661	2.658	4.023	1423.	34.	17.	766.9	25.6	1
61	0	492	37.9782	89.9573	-670.5	QAL	5.67	2.08	1.36	0.367	1.526	4.154	1447.	32.	18.	765.9	25.6	1
62	10	492	37.9782	89.9566	-669.5	QAL	6.94	1.01	1.27	0.0	0.0	5.476	1487.	38.	16.	766.9	25.6	1
63	10	492	37.9782	89.9559	-671.0	QAL	6.12	1.38	1.29	0.0	0.0	4.739	1454.	45.	15.	768.0	25.5	1
64	0	484	37.9782	89.9552	-669.2	QAL	5.38	1.92	1.68	0.356	1.141	3.204	1608.	31.	11.	766.9	25.6	1
65	0	480	37.9782	89.9544	-668.0	QAL	8.28	1.89	1.04	0.228	1.813	7.937	1522.	47.	7.	766.4	25.6	1
66	0	480	37.9782	89.9538	-667.2	QAL	7.37	3.30	1.40	0.448	2.358	5.268	1576.	42.	5.	766.4	25.6	1
67	0	484	37.9782	89.9531	-666.5	QAL	8.33	3.81	1.58	0.457	2.411	5.272	1696.	50.	3.	766.4	25.6	1
68	0	488	37.9781	89.9523	-664.7	QAL	6.44	3.34	1.56	0.518	2.139	4.125	1644.	54.	4.	766.4	25.6	1
69	0	492	37.9781	89.9517	-664.7	QAL	7.89	2.49	1.36	0.316	1.827	5.784	1738.	42.	6.	766.4	25.6	1
70	0	496	37.9782	89.9510	-664.7	QAL	7.97	5.78	0.87	0.725	6.672	9.202	1781.	31.	6.	765.9	25.6	1
71	0	496	37.9782	89.9503	-662.2	QAL	8.03	4.31	1.33	0.537	3.229	6.017	1787.	47.	6.	766.4	25.6	1
72	0	504	37.9782	89.9496	-661.5	QAL	5.88	4.29	1.30	0.729	3.289	4.511	1688.	45.	10.	766.4	25.6	1
73	10	500	37.9782	89.9489	-659.5	QAL	8.03	1.41	1.47	0.0	0.0	5.465	1764.	30.	7.	766.4	25.6	1
74	10	496	37.9781	89.9482	-659.0	QAL	6.90	1.54	1.51	0.0	0.0	4.577	1691.	44.	12.	766.4	25.5	1
75	10	496	37.9781	89.9475	-657.7	QAL	6.83	0.82	1.55	0.0	0.0	4.412	1622.	34.	11.	765.9	25.5	1
76	10	496	37.9781	89.9468	-657.5	QAL	7.70	0.37	1.84	0.0	0.0	4.196	1801.	29.	10.	766.4	25.5	1
77	0	492	37.9781	89.9461	-656.7	QAL	6.26	2.08	1.54	0.331	1.348	4.068	1615.	42.	10.	766.4	25.4	1
78	0	496	37.9781	89.9454	-654.5	QAL	7.55	2.23	1.30	0.296	1.713	5.795	1690.	35.	12.	766.4	25.5	1
79	0	496	37.9781	89.9447	-653.5	QAL	5.72	3.69	1.25	0.645	2.960	4.590	1640.	39.	8.	766.9	25.4	1
80	0	496	37.9781	89.9440	-651.5	QAL	3.76	3.16	1.29	0.841	2.453	2.917	1510.	42.	6.	766.9	25.4	1
81	0	496	37.9781	89.9433	-650.7	QAL	7.33	2.36	1.25	0.323	1.896	5.877	1444.	46.	5.	766.9	25.4	1
82	0	496	37.9781	89.9426	-649.0	QAL	8.30	2.67	1.13	0.322	2.365	7.343	1520.	41.	3.	766.4	25.4	1
83	0	492	37.9781	89.9419	-647.2	QAL	7.87	2.06	1.28	0.261	1.606	6.145	1436.	30.	2.	766.4	25.5	1
84	0	488	37.9781	89.9413	-646.2	QAL	8.49	2.01	1.07	0.236	1.877	7.945	1415.	32.	0.	766.9	25.5	1
85	0	492	37.9781	89.9405	-644.5	QAL	6.35	1.93	1.12	0.303	1.717	5.663	1329.	30.	1.	766.9	25.5	1
86	0	496	37.9781	89.9398	-644.0	QAL	6.50	3.16	1.05	0.486	3.000	6.175	1352.	36.	2.	766.4	25.5	1
87	10	496	37.9781	89.9391	-643.5	QAL	7.39	1.61	1.31	0.0	0.0	5.657	1351.	46.	5.	766.4	25.4	1
88	0	496	37.9781	89.9384	-641.2	QAL	5.08	3.22	0.63	0.634	5.122	8.075	1205.	31.	1.	766.4	25.5	1
89	10	496	37.9781	89.9378	-640.7	QAL	3.16	-0.12	0.99	0.0	0.0	3.197	939.	46.	8.	765.9	25.5	1
90	10	496	37.9781	89.9370	-640.2	QAL	3.94	0.37	0.39	0.0	0.0	10.145	650.	48.	5.	765.9	25.5	1
91	10	496	37.9781	89.9364	-639.5	QAL	2.38	-0.10	0.33	0.0	0.0	7.102	582.	35.	10.	765.9	25.6	1
92	10	500	37.9780	89.9356	-637.7	QAL	2.46	-1.39	0.40	0.0	0.0	6.144	468.	36.	12.	766.4	25.6	1
93	10	504	37.9780	89.9349	-636.5	QAL	2.36	-0.32	0.25	0.0	0.0	9.393	479.	24.	10.	766.4	25.6	1
94	110	512	37.9781	89.9343	-635.2	QAL	0.26	-0.32	0.48	0.0	0.0	0.0	555.	32.	11.	765.9	25.6	1
95	110	516	37.9781	89.9335	-633.5	QAL	1.23	0.60	0.61	0.0	0.0	0.0	674.	33.	10.	765.9	25.5	1
96	10	512	37.9781	89.9329	-631.7	QAL	4.59	-1.10	0.78	0.0	0.0	5.862	759.	35.	13.	765.4	25.5	1
97	10	516	37.9781	89.9322	-631.2	QAL	3.21	0.08	0.84	0.0	0.0	3.831	845.	33.	10.	765.4	25.4	1
98	10	524	37.9780	89.9314	-631.5	QAL	3.60	1.14	0.93	0.0	0.0	3.850	950.	37.	13.	765.9	25.4	1
99	10	528	37.9780	89.9308	-631.0	QAL	4.66	-0.14	0.82	0.0	0.0	5.662	974.	34.	16.	765.9	25.3	1
100	10	536	37.9780	89.9301	-629.2	QAL	2.98	0.41	0.98	0.0	0.0	3.041	969.	44.	14.	765.9	25.3	1
101	10	544	37.9780	89.9294	-628.7	QAL	2.01	0.20	1.03	0.0	0.0	1.947	987.	41.	14.	765.9	25.2	1
102	10	540	37.9781	89.9287	-629.0	QAL	3.47	-0.72	1.12	0.0	0.0	3.089	1056.	36.	15.	765.9	25.2	1
103	10	548	37.9781	89.9280	-627.2	QAL	4.32	0.06	0.91	0.0	0.0	4.751	1162.	34.	14.	765.9	25.2	1
104	10	552	37.9780	89.9273	-626.7	QAL	6.04	-1.20	1.71	0.0	0.0	3.532	1278.	30.	14.	765.4	25.1	1
105	10	556	37.9780	89.9266	-624.2	QAL	5.76	0.66	1.08	0.0	0.0	5.331	1204.	38.	12.	765.4	25.1	1
106	0	556	37.9780	89.9259	-623.7	QAL	5.65	2.38	1.07	0.422	2.226	5.271	1310.	32.	7.	765.4	25.1	1

CP9 LP12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
107	0	556	37.9780	89.9252	-624.0	QAL	5.81	2.33	1.34	0.402	1.738	4.325	1273.	48.	6.	764.9	25.1	1
108	0	556	37.9780	89.9245	-622.7	QAL	6.01	1.88	1.19	0.313	1.578	5.035	1256.	34.	5.	765.4	25.1	1
109	0	552	37.9780	89.9238	-621.2	QAL	4.64	3.04	0.85	0.655	3.580	5.467	1238.	38.	5.	765.4	25.1	1
110	10	548	37.9780	89.9231	-621.2	QAL	4.48	1.57	1.02	0.0	0.0	4.403	1176.	19.	8.	765.9	25.1	1
111	10	548	37.9780	89.9225	-620.7	QAL	6.63	1.39	0.91	0.0	0.0	7.269	1205.	25.	2.	765.4	25.1	1
112	0	544	37.9780	89.9217	-618.7	QAL	4.90	2.72	0.81	0.556	3.356	6.034	1218.	34.	4.	765.4	25.1	1
113	10	544	37.9780	89.9210	-616.2	QAL	6.74	1.08	0.86	0.0	0.0	7.794	1124.	47.	1.	764.9	25.1	1
114	0	548	37.9780	89.9203	-616.5	QAL	5.44	2.44	1.33	0.448	1.827	4.079	1351.	32.	1.	764.9	25.1	1
115	0	548	37.9780	89.9196	-616.7	MCL	3.69	4.22	0.77	1.146	5.488	4.791	1261.	43.	0.	765.4	25.1	1
116	0	548	37.9780	89.9190	-615.7	MCL	3.63	3.71	1.06	1.022	3.503	3.428	1244.	40.	0.	764.9	25.2	1
117	0	548	37.9780	89.9182	-615.0	MCL	5.61	3.66	1.31	0.653	2.796	4.283	1321.	36.	0.	765.4	25.2	1
118	0	544	37.9780	89.9176	-613.7	MCL	7.40	3.54	0.72	0.479	4.915	10.261	1353.	38.	0.	765.9	25.2	1
119	0	544	37.9780	89.9169	-612.0	MCL	5.28	3.35	1.04	0.635	3.228	5.087	1346.	34.	0.	765.4	25.1	1
120	0	504	37.9780	89.9161	-610.5	MCL	6.68	2.41	0.99	0.361	2.437	6.744	1324.	36.	0.	765.4	25.2	1
121	0	476	37.9780	89.9155	-609.7	MCL	3.41	2.43	1.22	0.712	1.997	2.805	1257.	34.	0.	765.4	25.2	1
122	0	492	37.9779	89.9148	-608.2	MCL	5.31	2.40	1.20	0.453	2.011	4.443	1341.	36.	0.	764.3	25.2	1
123	0	456	37.9779	89.9141	-607.0	MCL	6.66	2.35	0.89	0.352	2.640	7.493	1358.	33.	0.	764.9	25.2	1
124	0	416	37.9780	89.9134	-606.0	MCL	4.10	3.18	0.68	0.777	4.706	6.055	1186.	44.	2.	765.4	25.2	1
125	0	396	37.9780	89.9127	-604.5	MCL	3.73	2.03	0.88	0.546	2.306	4.226	1161.	50.	7.	764.9	25.2	1
126	0	400	37.9780	89.9120	-605.5	MCL	4.99	1.94	1.03	0.390	1.883	4.830	1183.	39.	9.	765.4	25.2	1
127	10	420	37.9780	89.9113	-605.2	MCL	4.47	0.64	1.11	0.0	0.0	4.014	1291.	35.	10.	765.4	25.2	1
128	0	408	37.9779	89.9106	-605.7	MCL	3.57	1.85	1.11	0.518	1.669	3.225	1306.	33.	10.	764.9	25.2	1
129	10	392	37.9779	89.9099	-603.5	MCL	4.07	1.14	0.90	0.0	0.0	4.542	1220.	34.	10.	764.9	25.2	1
130	0	400	37.9779	89.9092	-603.2	MCL	6.27	1.89	1.03	0.301	1.839	6.103	1345.	42.	9.	765.4	25.4	1
131	0	400	37.9779	89.9085	-602.7	MCL	5.07	2.84	0.66	0.561	4.284	7.641	1292.	46.	9.	765.4	25.4	1
132	10	412	37.9779	89.9078	-602.2	MCL	7.98	0.77	0.90	0.0	0.0	8.858	1353.	33.	8.	765.4	25.5	1
133	10	388	37.9779	89.9072	-601.0	MCL	5.12	0.93	0.70	0.0	0.0	7.347	1209.	46.	10.	764.9	25.6	1
134	10	376	37.9779	89.9064	-599.2	MCL	6.21	0.89	0.98	0.0	0.0	6.359	1242.	33.	9.	764.3	25.6	1
135	10	392	37.9779	89.9057	-599.5	MCL	5.50	0.05	1.06	0.0	0.0	5.183	1267.	39.	8.	764.3	25.6	1
136	0	400	37.9779	89.9050	-597.2	MCL	4.39	2.60	0.79	0.591	3.300	5.581	1325.	39.	7.	764.9	25.6	1
137	10	384	37.9779	89.9043	-595.7	MCL	5.92	1.23	1.10	0.0	0.0	5.386	1376.	39.	8.	764.3	25.6	1
138	0	376	37.9779	89.9037	-595.7	MCL	5.67	1.44	1.12	0.254	1.283	5.059	1406.	32.	7.	763.8	25.6	1
139	0	372	37.9779	89.9030	-595.0	MCL	5.63	3.14	1.10	0.558	2.849	5.102	1400.	41.	3.	764.3	25.6	1
140	0	384	37.9779	89.9022	-593.2	MCL	4.84	2.97	0.80	0.614	3.703	6.027	1340.	45.	-3.	764.3	25.7	1
141	0	360	37.9779	89.9016	-592.2	MCL	5.86	1.73	1.07	0.295	1.615	5.472	1326.	43.	3.	764.9	25.7	1
142	0	324	37.9779	89.9008	-593.0	MCL	4.86	3.02	1.01	0.622	2.993	4.811	1268.	38.	1.	765.4	25.7	1
143	0	328	37.9779	89.9002	-590.7	MCL	5.13	3.28	1.04	0.640	3.144	4.915	1396.	65.	2.	764.3	25.7	1
144	0	368	37.9779	89.8995	-590.0	MCL	6.64	2.63	1.44	0.396	1.831	4.617	1584.	40.	4.	765.4	25.8	1
145	0	360	37.9779	89.8987	-588.2	MCL	6.80	4.29	1.21	0.632	3.543	5.609	1633.	44.	0.	765.9	25.8	1
146	0	356	37.9779	89.8981	-587.2	MCL	6.44	2.38	1.30	0.369	1.828	4.948	1628.	39.	0.	765.4	25.8	1
147	0	364	37.9779	89.8973	-586.5	MCL	6.37	2.00	1.59	0.315	1.263	4.014	1626.	33.	4.	764.9	25.8	1
148	0	372	37.9779	89.8967	-587.5	MCL	8.61	2.73	1.46	0.317	1.865	5.886	1690.	42.	0.	764.9	25.8	1
149	0	340	37.9779	89.8960	-586.0	MCL	6.52	4.03	1.08	0.618	3.738	6.052	1575.	39.	0.	765.9	25.8	1
150	0	356	37.9779	89.8953	-585.2	MCL	6.09	3.49	1.33	0.573	2.629	4.587	1709.	38.	5.	765.4	25.8	1
151	0	352	37.9779	89.8946	-586.5	MCL	7.53	2.99	1.54	0.397	1.943	4.900	1694.	40.	1.	764.9	25.8	1
152	0	348	37.9778	89.8939	-585.7	MCL	6.63	2.55	1.50	0.385	1.697	4.409	1725.	36.	4.	765.9	25.8	1
153	0	360	37.9778	89.8932	-584.0	MCL	8.74	2.55	1.34	0.292	1.904	6.523	1744.	35.	1.	764.9	25.8	1
154	0	356	37.9779	89.8925	-583.0	MCL	7.88	2.09	1.49	0.266	1.407	5.300	1702.	33.	5.	764.3	25.8	1
155	0	368	37.9779	89.8918	-580.5	MCL	6.43	5.61	1.19	0.874	4.728	5.413	1720.	45.	6.	764.9	25.9	1
156	0	360	37.9779	89.8911	-579.7	MCL	8.18	2.52	1.17	0.308	2.152	6.985	1673.	31.	10.	765.4	26.0	1
157	0	304	37.9779	89.8904	-578.5	MCL	5.75	2.43	1.03	0.422	2.352	5.573	1438.	47.	10.	765.4	26.0	1
158	0	304	37.9778	89.8897	-578.2	MCL	4.30	1.93	1.07	0.448	1.804	4.029	1350.	40.	11.	764.3	25.9	1
159	0	304	37.9778	89.8890	-577.5	MCL	5.77	1.76	1.01	0.305	1.736	5.698	1441.	49.	9.	764.3	26.0	1

CP9 1P 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
160	0	300	37.9778	89.8882	-575.7	MCU	6.93	1.39	0.91	0.201	1.537	7.644	1376.	45.	10.	764.9	26.0	1
161	0	284	37.9778	89.8876	-575.7	MCU	5.27	1.38	1.17	0.262	1.178	4.503	1451.	34.	9.	763.8	26.0	1
162	0	300	37.9778	89.8869	-574.5	MCU	4.86	2.86	1.28	0.589	2.233	3.793	1483.	41.	7.	764.3	26.0	1
163	0	320	37.9778	89.8862	-573.2	PPCV	6.53	3.68	1.37	0.564	2.689	4.769	1678.	53.	6.	764.9	26.0	1
164	0	312	37.9778	89.8855	-573.0	PPCV	7.10	2.63	1.34	0.370	1.964	5.307	1700.	50.	4.	765.4	25.9	1
165	0	232	37.9778	89.8848	-571.5	PPCV	4.91	1.98	1.30	0.404	1.521	3.765	1452.	33.	6.	764.9	25.8	1
166	0	248	37.9778	89.8842	-571.5	PPCV	6.85	2.22	1.00	0.324	2.225	6.859	1502.	48.	1.	764.9	25.8	1
167	0	276	37.9778	89.8834	-570.5	PPCV	8.22	2.18	1.43	0.265	1.526	5.760	1652.	43.	3.	765.4	25.8	1
168	0	264	37.9778	89.8827	-565.5	PPCV	6.58	3.00	1.20	0.455	2.491	5.471	1636.	38.	1.	764.9	25.8	1
169	0	264	37.9778	89.8820	-562.5	PPCV	8.27	1.96	1.31	0.236	1.488	6.296	1471.	44.	1.	764.9	25.8	1
170	0	264	37.9778	89.8813	-563.2	PPCV	7.52	2.65	1.35	0.352	1.966	5.585	1644.	38.	1.	765.4	25.8	1
171	0	268	37.9778	89.8807	-563.2	PPCV	7.20	2.07	1.34	0.288	1.553	5.391	1637.	50.	3.	764.3	25.9	1
172	0	276	37.9778	89.8800	-560.5	PPCV	9.81	2.95	0.96	0.301	3.063	10.179	1662.	42.	0.	764.3	25.9	1
173	0	284	37.9778	89.8793	-552.2	PPCV	6.45	2.89	1.15	0.448	2.519	5.630	1550.	38.	1.	764.9	25.9	1
174	0	280	37.9778	89.8785	-545.2	PPCV	7.80	2.86	0.92	0.367	3.124	8.508	1477.	46.	1.	764.9	26.0	1
175	0	292	37.9778	89.8778	-552.2	PPCV	8.40	3.03	1.23	0.360	2.466	6.843	1709.	29.	3.	764.3	26.0	1
176	0	292	37.9777	89.8772	-562.0	PPCV	8.77	2.91	1.20	0.332	2.423	7.297	1676.	36.	0.	764.3	26.0	1
177	0	284	37.9777	89.8765	-561.0	PPCV	8.03	2.93	1.31	0.365	2.230	6.107	1760.	38.	0.	764.9	25.9	1
178	0	292	37.9777	89.8758	-558.7	PPCV	8.98	2.53	1.47	0.282	1.723	6.113	1766.	55.	1.	764.3	25.9	1
179	0	296	37.9778	89.8751	-560.0	PPCV	8.98	3.49	1.42	0.388	2.459	6.331	1876.	35.	0.	764.3	25.9	1
180	0	300	37.9778	89.8743	-558.7	PPCV	8.37	3.25	1.45	0.388	2.243	5.780	1768.	37.	3.	764.3	25.8	1
181	0	292	37.9778	89.8737	-559.0	PPCV	8.70	2.62	1.32	0.302	1.987	6.583	1755.	50.	3.	763.3	25.7	1
182	0	284	37.9777	89.8730	-556.2	PPCV	8.66	1.86	1.47	0.214	1.262	5.890	1765.	40.	3.	763.8	25.7	1
183	0	284	37.9777	89.8723	-554.5	PPCV	7.52	2.87	1.43	0.382	2.003	5.244	1866.	47.	4.	764.3	25.7	1
184	0	284	37.9777	89.8716	-553.2	PPCV	8.51	3.13	1.20	0.368	2.599	7.068	1813.	35.	1.	764.9	25.7	1
185	0	292	37.9777	89.8709	-553.7	PPCV	6.32	2.06	1.35	0.326	1.529	4.695	1724.	41.	5.	764.3	25.7	1
186	0	288	37.9777	89.8702	-552.5	PPCV	8.58	2.99	1.34	0.349	2.227	6.383	1767.	49.	5.	764.3	25.8	1
187	0	284	37.9777	89.8695	-549.7	PPCV	7.28	2.20	1.54	0.302	1.431	4.735	1815.	50.	3.	764.9	25.8	1
188	0	296	37.9777	89.8689	-548.2	PPCV	7.52	3.25	1.21	0.433	2.686	6.208	1772.	47.	4.	764.3	25.8	1
189	0	304	37.9777	89.8681	-550.7	PPCV	7.90	3.04	1.31	0.385	2.324	6.041	1814.	32.	2.	763.8	25.8	1
190	0	296	37.9777	89.8674	-548.7	PPCV	10.09	2.45	1.36	0.243	1.798	7.403	1887.	37.	5.	764.3	25.7	1
191	0	296	37.9777	89.8667	-546.5	PPCV	7.82	4.10	1.31	0.524	3.122	5.959	1790.	39.	4.	764.3	25.6	1
192	0	304	37.9777	89.8660	-547.2	PPCV	8.96	3.93	1.40	0.439	2.812	6.409	1816.	25.	0.	764.3	25.6	1
193	0	320	37.9777	89.8654	-547.2	PPCV	8.23	1.48	1.28	0.179	1.152	6.422	1690.	40.	5.	764.3	25.6	1
194	0	332	37.9777	89.8647	-545.2	PPCV	5.86	3.20	1.22	0.546	2.626	4.810	1632.	37.	2.	763.8	25.6	1
195	0	328	37.9777	89.8639	-544.5	PPCV	5.92	1.79	1.53	0.303	1.171	3.869	1633.	37.	7.	762.8	25.5	1
196	10	340	37.9777	89.8632	-543.7	PPCV	7.86	0.79	1.14	0.0	0.0	6.879	1520.	41.	5.	763.3	25.5	1
197	0	348	37.9777	89.8625	-544.0	PPCV	6.12	1.91	1.37	0.313	1.398	4.473	1490.	38.	4.	763.8	25.5	1
198	0	396	37.9777	89.8619	-543.0	PPCV	6.66	1.48	1.43	0.223	1.041	4.667	1548.	45.	3.	762.8	25.5	1
199	0	384	37.9777	89.8612	-541.2	PPCV	5.08	2.66	1.48	0.523	1.800	3.444	1583.	38.	4.	763.3	25.5	1
200	0	372	37.9776	89.8605	-539.2	PPCV	6.94	2.16	1.18	0.311	1.831	5.888	1544.	49.	4.	763.3	25.5	1
201	0	384	37.9777	89.8598	-540.0	PPCV	9.87	2.80	1.15	0.284	2.437	8.588	1681.	38.	4.	762.8	25.5	1
202	0	372	37.9777	89.8590	-538.7	PPCV	9.61	1.99	1.41	0.207	1.409	6.809	1690.	36.	0.	764.3	25.5	1
203	0	368	37.9777	89.8584	-536.2	PPCV	6.62	3.96	1.28	0.598	3.096	5.179	1739.	42.	5.	763.3	25.5	1
204	0	364	37.9777	89.8577	-536.2	PPCV	7.09	2.72	1.39	0.383	1.954	5.096	1695.	40.	6.	761.8	25.5	1
205	0	368	37.9777	89.8570	-536.2	PPCV	7.18	3.63	1.13	0.505	3.223	6.378	1673.	41.	10.	762.3	25.4	1
206	0	380	37.9776	89.8563	-535.7	PPCV	8.10	3.48	1.38	0.429	2.526	5.888	1732.	46.	8.	763.3	25.4	1
207	0	384	37.9776	89.8556	-534.5	PPCV	6.94	3.48	1.45	0.501	2.407	4.805	1729.	32.	7.	763.3	25.4	1
208	0	384	37.9776	89.8549	-534.0	PPCV	6.87	4.01	1.24	0.584	3.248	5.557	1697.	33.	3.	763.3	25.4	1
209	0	384	37.9776	89.8542	-532.5	PPCV	5.76	4.16	1.33	0.723	3.137	4.340	1747.	37.	6.	762.8	25.4	1
210	0	384	37.9776	89.8534	-530.2	PPCV	7.96	1.82	1.48	0.228	1.228	5.380	1678.	35.	10.	763.3	25.4	1
211	0	380	37.9776	89.8528	-528.7	PPCV	8.83	3.14	1.22	0.355	2.568	7.226	1740.	35.	3.	763.8	25.4	1
212	0	384	37.9776	89.8521	-525.5	PPCV	6.49	2.05	1.90	0.316	1.079	3.412	1810.	37.	7.	762.8	25.4	1

CP9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
213	0	384	37.9776	89.8514	-525.0	PPCV	7.82	2.07	1.58	0.265	1.309	4.947	1728.	43.	4.	762.8	25.3	1
214	0	384	37.9776	89.8507	-523.2	PPCV	6.41	2.79	1.51	0.435	1.845	4.239	1718.	39.	4.	763.3	25.4	1
215	0	392	37.9776	89.8500	-523.0	PPCV	7.02	3.43	1.13	0.489	3.032	6.200	1622.	33.	3.	762.8	25.4	1
216	0	396	37.9776	89.8493	-522.0	PPCV	9.28	3.20	1.19	0.345	2.700	7.829	1697.	31.	2.	763.3	25.4	1
217	0	384	37.9776	89.8486	-520.0	PPCV	7.57	2.71	1.49	0.358	1.822	5.086	1743.	45.	4.	763.8	25.4	1
218	0	380	37.9776	89.8479	-517.5	PPCV	6.79	3.76	1.19	0.555	3.168	5.712	1636.	48.	6.	763.3	25.5	1
219	0	384	37.9776	89.8472	-515.7	PPCV	7.78	4.49	1.07	0.578	4.186	7.247	1702.	44.	0.	763.8	25.4	1
220	0	388	37.9776	89.8465	-513.2	PPCV	8.11	2.50	1.43	0.309	1.744	5.653	1674.	35.	6.	763.8	25.6	1
221	10	392	37.9776	89.8459	-512.2	PPCV	9.57	1.50	1.40	0.0	0.0	6.844	1708.	41.	9.	763.8	25.6	1
222	0	400	37.9776	89.8451	-512.0	PPCV	6.76	1.81	1.35	0.268	1.337	4.996	1625.	41.	5.	763.8	25.5	1
223	0	408	37.9776	89.8444	-510.7	PPCV	7.05	2.51	1.26	0.356	1.995	5.599	1665.	41.	10.	763.3	25.5	1
224	0	400	37.9776	89.8437	-509.5	PPCV	6.76	3.14	1.33	0.465	2.360	5.078	1695.	35.	8.	762.8	25.5	1
225	0	416	37.9776	89.8430	-507.5	PPCV	8.65	1.56	1.47	0.180	1.058	5.881	1603.	39.	6.	763.3	25.6	1
226	0	436	37.9776	89.8423	-506.0	PPCV	8.92	2.46	1.29	0.276	1.912	6.925	1709.	39.	3.	762.8	25.6	1
227	0	456	37.9776	89.8417	-504.0	PPCV	7.14	4.68	1.39	0.655	3.372	5.145	1620.	32.	0.	763.3	25.6	1
228	0	456	37.9776	89.8410	-501.5	PPCV	5.89	2.95	1.17	0.501	2.517	5.020	1592.	35.	2.	762.3	25.6	1
229	0	400	37.9776	89.8402	-501.7	PPCV	7.51	2.12	1.14	0.282	1.863	6.596	1431.	39.	0.	762.3	25.5	1
230	0	388	37.9776	89.8396	-499.2	PPCV	7.22	3.11	0.90	0.431	3.466	8.034	1381.	34.	0.	762.8	25.4	1
231	0	404	37.9776	89.8389	-497.2	PPCV	5.45	3.23	1.08	0.594	3.007	5.066	1488.	46.	1.	762.3	25.4	1
232	0	448	37.9776	89.8382	-495.2	MCU	5.78	4.18	1.34	0.723	3.122	4.316	1615.	41.	2.	762.3	25.4	1
233	0	444	37.9776	89.8374	-492.2	MCU	10.42	2.99	0.92	0.287	3.249	11.336	1645.	39.	0.	762.8	25.3	1
234	0	452	37.9776	89.8367	-490.2	MCU	6.76	2.61	1.62	0.386	1.612	4.180	1640.	33.	1.	762.8	25.3	1
235	0	456	37.9776	89.8360	-488.2	MCU	6.78	3.08	1.01	0.454	3.048	6.714	1577.	39.	4.	762.8	25.3	1
236	0	456	37.9776	89.8353	-485.0	MCU	6.12	2.42	1.38	0.396	1.756	4.434	1633.	41.	7.	762.8	25.3	1
237	0	456	37.9776	89.8345	-484.0	MCU	6.71	2.49	1.31	0.371	1.905	5.130	1724.	42.	9.	763.3	25.4	1
238	0	452	37.9776	89.8338	-483.5	MCU	6.82	5.26	1.10	0.771	4.778	6.196	1726.	35.	5.	763.8	25.4	1
239	0	440	37.9776	89.8331	-479.2	MCU	8.18	3.08	1.21	0.377	2.538	6.738	1739.	37.	7.	763.3	25.4	1
240	0	436	37.9776	89.8324	-478.0	MCU	4.27	3.28	1.38	0.769	2.377	3.091	1657.	35.	9.	762.8	25.5	1
241	0	444	37.9776	89.8316	-476.5	MCU	9.31	1.74	1.28	0.186	1.360	7.298	1663.	33.	9.	763.3	25.5	1
242	10	460	37.9777	89.8309	-473.5	MCU	8.76	0.96	1.17	0.0	0.0	7.490	1595.	34.	13.	762.3	25.5	1
243	0	468	37.9777	89.8302	-471.5	MCU	4.62	2.35	1.04	0.510	2.256	4.428	1504.	33.	8.	762.8	25.4	1
244	10	476	37.9777	89.8295	-469.5	PPCV	7.23	1.06	1.09	0.0	0.0	6.616	1551.	42.	10.	763.3	25.5	1
245	10	460	37.9777	89.8288	-467.0	PPCV	7.64	1.18	1.29	0.0	0.0	5.926	1537.	43.	9.	762.8	25.4	1
246	0	480	37.9777	89.8280	-464.0	PPCV	5.09	2.70	1.19	0.531	2.262	4.263	1476.	44.	10.	762.8	25.4	1
247	0	452	37.9777	89.8273	-461.0	PPCV	3.37	2.20	1.55	0.654	1.422	2.176	1450.	33.	11.	762.3	25.3	1
248	10	468	37.9777	89.8266	-458.7	PPCV	7.48	1.42	1.15	0.0	0.0	6.521	1475.	37.	10.	762.8	25.4	1
249	0	480	37.9777	89.8259	-455.2	PPCV	6.10	1.95	1.26	0.320	1.545	4.832	1572.	32.	9.	763.8	25.3	1
250	0	468	37.9777	89.8251	-454.0	PPCV	7.39	1.83	1.07	0.248	1.715	6.913	1473.	36.	8.	763.3	25.3	1
251	0	436	37.9777	89.8244	-451.0	PPCV	5.42	3.24	1.04	0.599	3.107	5.189	1434.	33.	5.	763.8	25.2	1
252	0	440	37.9777	89.8237	-448.7	PPCV	6.26	3.37	1.22	0.539	2.755	5.112	1605.	31.	3.	762.8	25.2	1
253	0	464	37.9777	89.8230	-444.7	PPCV	6.21	5.80	1.12	0.935	5.170	5.533	1655.	32.	2.	762.8	25.2	1
254	0	456	37.9777	89.8223	-442.2	PPCV	5.86	4.32	1.04	0.737	4.153	5.632	1589.	40.	4.	763.8	25.2	1
255	0	460	37.9777	89.8215	-441.2	PPCV	7.05	4.98	1.17	0.706	4.266	6.042	1721.	31.	0.	763.3	25.2	1
256	0	464	37.9777	89.8208	-438.5	PPCV	7.34	4.21	1.14	0.573	3.673	6.414	1608.	31.	0.	763.8	25.3	1
257	0	472	37.9777	89.8201	-435.7	PPCV	7.17	2.21	1.28	0.308	1.724	5.606	1629.	41.	3.	763.8	25.3	1
258	10	472	37.9777	89.8194	-433.2	PPCV	9.95	0.86	1.49	0.0	0.0	6.682	1557.	46.	0.	762.8	25.3	1
259	0	452	37.9777	89.8187	-431.2	PPCV	8.14	3.35	1.15	0.411	2.906	7.064	1561.	40.	0.	763.8	25.2	1
260	0	456	37.9777	89.8180	-429.0	PPCV	6.80	4.93	1.07	0.725	4.591	6.336	1610.	46.	3.	762.3	25.3	1
261	0	456	37.9777	89.8173	-426.2	PPCV	7.44	2.94	1.44	0.396	2.040	5.154	1631.	31.	4.	761.2	25.3	1
262	0	456	37.9778	89.8165	-424.5	PPCV	5.45	3.56	1.58	0.653	2.262	3.462	1669.	32.	3.	763.3	25.4	1
263	0	460	37.9778	89.8158	-421.7	PPCV	5.96	3.60	1.41	0.604	2.546	4.217	1724.	39.	7.	762.3	25.4	1
264	0	468	37.9778	89.8151	-419.7	PPCV	6.97	3.14	1.41	0.450	2.223	4.936	1624.	49.	6.	762.3	25.4	1
265	0	468	37.9778	89.8143	-418.7	PPCV	8.85	2.29	1.22	0.259	1.878	7.264	1610.	48.	9.	764.3	25.4	1

CP9 IP12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
266	0	472	37.9778	89.8136	-417.0	PPCV	6.80	2.11	1.32	0.311	1.602	5.156	1680.	40.	11.	762.3	25.4	1
267	0	472	37.9778	89.8129	-415.0	MCU	6.30	3.81	1.27	0.604	3.007	4.979	1646.	34.	10.	762.3	25.3	1
268	0	480	37.9778	89.8122	-413.0	MCU	7.28	4.53	1.05	0.623	[illegible]	6.967	1636.	44.	9.	762.3	25.4	1
269	0	480	37.9778	89.8114	-411.0	MCU	9.02	2.41	0.97	0.267	2.496	[illegible]	1589.	40.	9.	761.2	25.5	1
270	0	492	37.9778	89.8107	-409.7	MCU	8.67	3.02	1.01	0.348	2.980	8.566	1659.	27.	8.	763.3	25.5	1
271	10	500	37.9778	89.8100	-410.2	MCU	7.38	1.31	1.41	0.0	0.0	5.225	1705.	34.	7.	762.8	25.5	1
272	0	504	37.9778	89.8094	-409.2	MCU	8.55	2.04	1.10	0.238	1.848	7.755	1588.	43.	5.	760.7	25.5	1
273	0	508	37.9778	89.8087	-407.2	MCU	6.00	6.17	1.05	1.028	5.854	5.696	1599.	31.	3.	762.8	25.4	1
274	0	508	37.9778	89.8079	-408.0	MCU	5.18	2.95	1.38	0.570	2.138	3.754	1578.	39.	5.	762.8	25.4	1
275	0	512	37.9778	89.8072	-405.7	MCU	5.69	2.98	1.22	0.524	2.447	4.674	1510.	46.	6.	761.8	25.3	1
276	0	508	37.9778	89.8065	-404.5	MCU	6.36	2.37	0.93	0.372	2.549	6.850	1482.	41.	7.	763.8	25.3	1
277	0	488	37.9778	89.8057	-404.7	PPCV	6.68	3.72	0.86	0.557	4.329	7.770	1449.	50.	7.	762.8	25.2	1
278	0	500	37.9779	89.8050	-404.5	PPCV	5.82	2.88	1.12	0.495	2.579	5.213	1429.	40.	11.	762.3	25.2	1
279	0	504	37.9779	89.8043	-403.5	PPCV	4.75	3.05	1.03	0.642	2.950	4.591	1420.	32.	9.	763.8	25.2	1
280	0	492	37.9779	89.8036	-404.0	MCU	4.79	1.99	0.93	0.417	2.153	5.169	1289.	40.	11.	762.3	25.2	1
281	10	492	37.9779	89.8028	-403.5	MCU	5.07	0.91	0.94	0.0	0.0	5.380	1275.	33.	11.	762.8	25.2	1
282	10	500	37.9779	89.8021	-404.7	MCU	6.55	0.86	0.96	0.0	0.0	6.796	1234.	53.	9.	763.8	25.2	1
283	10	504	37.9779	89.8014	-404.2	MCU	8.21	-0.78	1.22	0.0	0.0	6.724	1320.	34.	12.	762.8	25.2	1
284	10	512	37.9779	89.8007	-405.0	MCU	5.97	1.50	0.77	0.0	0.0	7.772	1240.	37.	11.	763.8	25.3	1
285	10	532	37.9779	89.7999	-405.7	MCU	6.48	0.44	0.97	0.0	0.0	6.695	1143.	37.	11.	763.8	25.2	1
286	10	544	37.9779	89.7992	-406.2	MCU	4.96	0.38	0.96	0.0	0.0	5.180	1123.	34.	12.	761.8	25.3	1
287	0	556	37.9779	89.7985	-406.5	MCU	3.81	2.48	0.77	0.650	3.205	4.928	1079.	40.	11.	763.8	25.3	1
288	10	524	37.9779	89.7978	-406.5	MCU	3.71	0.51	0.69	0.0	0.0	5.398	998.	48.	11.	763.3	25.3	1
289	10	516	37.9779	89.7971	-407.2	MCU	4.39	0.91	0.75	0.0	0.0	5.836	1010.	40.	9.	762.3	25.3	1
290	10	532	37.9779	89.7964	-409.5	MCU	2.82	1.26	0.83	0.0	0.0	3.418	911.	48.	12.	763.8	25.3	1
291	10	552	37.9779	89.7957	-411.0	MCU	2.90	1.01	0.52	0.0	0.0	5.566	779.	30.	7.	762.3	25.3	1
292	10	556	37.9779	89.7949	-412.2	MCU	2.07	-1.51	0.55	0.0	0.0	3.782	610.	38.	12.	761.8	25.4	1
293	10	556	37.9779	89.7942	-414.7	PPCV	2.49	1.20	0.69	0.0	0.0	3.605	855.	37.	10.	763.3	25.4	1
294	0	484	37.9779	89.7935	-416.5	PPCV	3.63	2.31	0.65	0.635	3.574	5.631	1078.	31.	5.	763.3	25.4	1
295	10	504	37.9779	89.7927	-417.7	PPCV	6.96	0.65	1.09	0.0	0.0	6.359	1236.	39.	6.	763.3	25.4	1
296	0	512	37.9779	89.7920	-418.7	PPCV	6.88	2.50	1.03	0.364	2.438	6.700	1312.	56.	6.	762.8	25.4	1
297	0	516	37.9779	89.7913	-421.2	PPCV	7.33	1.90	0.94	0.259	2.015	7.769	1470.	56.	6.	762.8	25.3	1
298	0	520	37.9779	89.7906	-423.7	PPCV	7.54	3.32	0.89	0.440	3.735	8.489	1492.	39.	6.	763.8	25.3	1
299	0	528	37.9780	89.7899	-424.7	PPCV	6.22	2.44	1.30	0.393	1.882	4.793	1637.	32.	10.	762.8	25.3	1
300	0	528	37.9780	89.7892	-426.7	PPCV	8.17	2.55	1.03	0.312	2.467	7.907	1406.	39.	10.	762.3	25.3	1
301	0	524	37.9780	89.7885	-428.7	PPCV	5.79	3.17	0.83	0.547	3.834	7.007	1408.	45.	10.	763.3	25.4	1
302	10	532	37.9780	89.7877	-430.0	MCU	5.89	1.85	0.66	0.0	0.0	8.869	1302.	39.	15.	762.3	25.4	1
303	0	532	37.9780	89.7870	-432.5	MCU	3.48	3.18	0.89	0.913	3.569	3.907	1335.	37.	15.	763.8	25.4	1
304	10	528	37.9780	89.7863	-435.0	MCU	4.72	1.17	1.04	0.0	0.0	4.542	1335.	46.	10.	763.8	25.4	1
305	10	560	37.9780	89.7855	-437.0	MCU	5.94	0.58	1.32	0.0	0.0	4.501	1391.	46.	12.	762.3	25.4	1
306	0	568	37.9780	89.7848	-441.0	MCU	2.69	4.72	0.80	1.758	5.935	3.376	1383.	46.	6.	763.3	25.4	1
307	10	604	37.9780	89.7841	-442.0	PPCV	6.80	1.75	0.83	0.0	0.0	8.218	1455.	31.	10.	762.8	25.4	1
308	0	592	37.9780	89.7834	-443.7	PPCV	6.62	2.41	0.86	0.365	2.795	7.668	1458.	38.	7.	762.8	25.3	1
309	0	544	37.9780	89.7826	-446.2	PPCV	7.04	2.79	0.72	0.396	3.899	9.840	1395.	36.	8.	763.8	25.3	1
310	0	544	37.9780	89.7819	-447.7	PPCV	6.30	2.43	0.87	0.386	2.787	7.227	1455.	36.	11.	761.8	25.3	1
311	0	524	37.9780	89.7812	-449.2	PPCV	7.24	2.24	1.26	0.309	1.770	5.727	1559.	33.	10.	761.8	25.3	1
312	10	500	37.9780	89.7804	-453.0	PPCV	6.75	1.78	1.12	0.0	0.0	6.027	1634.	35.	12.	764.3	25.4	1
313	10	484	37.9780	89.7798	-455.0	PPCV	9.05	0.11	1.31	0.0	0.0	6.908	1628.	42.	12.	762.8	25.4	1
314	10	480	37.9780	89.7791	-458.0	PPCV	6.17	1.13	1.77	0.0	0.0	3.489	1727.	29.	17.	763.3	25.4	1
315	10	484	37.9780	89.7784	-459.2	PPCV	5.51	1.66	1.55	0.0	0.0	3.568	1737.	29.	17.	762.8	25.5	1
316	0	492	37.9780	89.7777	-460.2	PPCV	6.29	2.67	1.35	0.425	1.985	4.675	1792.	40.	17.	761.8	25.6	1
317	10	508	37.9780	89.7769	-462.5	PPCV	8.24	0.93	1.65	0.0	0.0	4.997	1726.	39.	11.	763.3	25.6	1
318	10	528	37.9780	89.7762	-464.5	PPCV	5.70	1.68	1.60	0.0	0.0	3.550	1683.	54.	11.	762.8	25.6	1

CP 9 LP 12

* TAGS *			* LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
319	10	544	37.9781	89.7755	-465.5	PPCV	7.84	1.69	1.30	0.0	0.0	6.049	1709.	30.	7.	761.2	25.6	1
320	0	548	37.9781	89.7748	-467.0	PPCV	6.11	2.66	1.21	0.436	2.195	5.032	1570.	38.	6.	762.3	25.6	1
321	0	556	37.9781	89.7740	-468.5	PPCV	4.34	2.22	1.62	0.512	1.371	2.678	1576.	46.	6.	762.3	25.5	1
322	0	568	37.9781	89.7733	-471.2	MCU	7.60	2.09	1.10	0.275	1.909	6.936	1449.	37.	4.	761.8	25.5	1
323	10	568	37.9781	89.7726	-472.0	MCU	7.15	1.75	1.28	0.0	0.0	5.587	1405.	48.	3.	762.3	25.4	1
324	10	556	37.9781	89.7719	-471.7	MCU	7.87	0.48	1.20	0.0	0.0	6.573	1408.	32.	5.	763.3	25.4	1
325	0	548	37.9781	89.7711	-474.5	MCU	5.63	2.61	0.99	0.463	2.628	5.672	1344.	37.	0.	762.8	25.4	1
326	0	524	37.9781	89.7704	-477.0	MCU	5.43	2.94	0.84	0.541	3.476	6.427	1268.	32.	7	762.8	25.4	1
327	10	532	37.9781	89.7697	-475.7	QAL	6.92	1.38	0.99	0.0	0.0	6.975	1291.	45.	8.	763.3	25.4	1
328	10	560	37.9781	89.7690	-478.5	QAL	4.39	1.29	1.01	0.0	0.0	4.349	1253.	45.	10.	762.8	25.5	1
329	0	544	37.9781	89.7683	-481.2	QAL	3.14	2.38	0.88	0.758	2.706	3.568	1241.	43.	9.	762.3	25.4	1
330	10	584	37.9781	89.7675	-482.7	QAL	7.52	1.34	1.34	0.0	0.0	5.602	1403.	42.	4.	762.3	25.4	1
331	10	604	37.9781	89.7669	-481.7	QAL	5.81	1.17	1.42	0.0	0.0	4.083	1505.	52.	9.	762.3	25.4	1
332	0	572	37.9781	89.7661	-480.2	QAL	8.98	2.25	0.85	0.250	2.650	10.590	1489.	36.	9.	762.8	25.4	1
333	10	564	37.9781	89.7654	-481.5	QAL	5.52	1.68	1.03	0.0	0.0	5.383	1412.	55.	7.	762.8	25.4	1
334	0	560	37.9781	89.7647	-483.5	MCU	6.09	4.10	0.99	0.674	4.164	6.179	1527.	40.	5.	762.8	25.4	1
335	0	556	37.9781	89.7640	-483.5	MCU	5.39	5.10	0.93	0.946	5.497	5.811	1472.	44.	2.	763.3	25.4	1
336	0	544	37.9782	89.7632	-483.5	MCU	6.87	3.86	1.06	0.561	3.627	6.459	1537.	50.	0.	763.8	25.4	1
337	10	508	37.9782	89.7625	-484.2	MCU	6.54	-0.34	1.34	0.0	0.0	4.881	1351.	41.	5.	763.8	25.4	1
338	0	512	37.9782	89.7618	-483.2	PPCV	7.37	2.16	1.26	0.293	1.714	5.849	1453.	40.	0.	763.3	25.4	1
339	0	536	37.9782	89.7610	-484.7	PPCV	4.85	3.79	0.93	0.781	4.087	5.232	1392.	38.	2.	763.3	25.4	1
340	0	556	37.9782	89.7603	-484.2	PPCV	4.41	3.70	1.29	0.839	2.867	3.419	1516.	43.	0.	763.8	25.4	1
341	0	544	37.9782	89.7596	-482.7	PPCV	5.91	4.23	1.08	0.716	3.935	5.497	1459.	35.	0.	763.3	25.3	1
342	0	528	37.9782	89.7589	-481.5	PPCV	7.51	2.98	1.13	0.396	2.641	6.665	1531.	33.	1.	763.3	25.4	1
343	0	512	37.9782	89.7582	-482.7	PPCV	8.63	2.45	1.27	0.283	1.923	6.785	1518.	37.	2.	762.8	25.4	1
344	0	492	37.9782	89.7575	-481.2	PPCV	7.89	1.89	0.99	0.239	1.904	7.954	1490.	44.	1.	763.3	25.3	1
345	0	472	37.9782	89.7567	-480.2	PPCV	7.77	3.51	1.01	0.451	3.490	7.729	1459.	45.	3.	764.3	25.3	1
346	0	456	37.9782	89.7560	-480.5	PPCV	7.52	2.21	1.04	0.293	2.115	7.214	1469.	36.	5.	763.8	25.3	1
347	0	440	37.9782	89.7553	-478.5	PPCV	5.73	2.45	1.20	0.428	2.039	4.762	1477.	50.	8.	763.8	25.3	1
348	0	452	37.9782	89.7546	-476.7	PPCV	5.80	3.46	1.24	0.596	2.793	4.683	1581.	35.	6.	763.8	25.3	1
349	0	476	37.9782	89.7538	-476.7	PPCV	7.56	4.23	1.14	0.559	3.703	6.622	1682.	34.	4.	763.3	25.3	1
350	0	460	37.9782	89.7531	-475.0	PPCV	7.08	3.06	1.54	0.432	1.988	4.601	1697.	41.	6.	763.3	25.3	1
351	10	448	37.9782	89.7524	-472.7	PPCV	8.15	1.14	1.34	0.0	0.0	6.066	1651.	38.	5.	763.3	25.3	1
352	0	444	37.9782	89.7517	-473.5	PPCV	7.28	2.77	1.21	0.380	2.284	6.005	1655.	40.	3.	763.8	25.3	1
353	0	448	37.9782	89.7509	-471.5	PPCV	7.37	2.72	1.28	0.369	2.128	5.769	1649.	38.	6.	763.3	25.4	1
354	10	452	37.9782	89.7503	-469.2	PPCV	5.47	1.33	1.41	0.0	0.0	3.868	1605.	50.	8.	762.8	25.4	1
355	0	460	37.9782	89.7496	-469.0	PPCV	7.50	2.04	1.31	0.272	1.559	5.737	1585.	40.	10.	763.3	25.4	1
356	0	468	37.9782	89.7489	-466.2	PPCV	7.81	2.75	1.33	0.353	2.070	5.867	1747.	37.	6.	762.3	25.4	1
357	10	460	37.9783	89.7481	-463.7	PPCV	6.62	1.55	1.33	0.0	0.0	4.982	1624.	42.	13.	762.8	25.4	1
358	10	464	37.9783	89.7474	-461.0	PPCV	7.21	1.44	1.12	0.0	0.0	6.430	1552.	39.	15.	763.3	25.4	1
359	10	468	37.9783	89.7467	-459.7	PPCV	7.64	0.85	1.11	0.0	0.0	6.861	1638.	32.	15.	762.8	25.3	1
360	10	468	37.9783	89.7460	-460.7	PPCV	7.36	1.36	1.37	0.0	0.0	5.367	1621.	35.	15.	763.8	25.3	1
361	0	464	37.9783	89.7452	-460.0	PPCV	6.82	5.22	1.09	0.766	4.806	6.276	1652.	32.	8.	762.8	25.3	1
362	10	464	37.9783	89.7445	-458.0	PPCV	10.54	-0.53	1.34	0.0	0.0	7.855	1607.	38.	8.	762.3	25.3	1
363	0	460	37.9783	89.7438	-458.0	PPCV	7.75	5.11	0.79	0.659	6.491	9.848	1649.	56.	2.	763.8	25.3	1
364	0	456	37.9783	89.7430	-455.2	PPCV	6.69	2.87	1.12	0.428	2.550	5.959	1614.	37.	3.	762.3	25.3	1
365	0	460	37.9783	89.7423	-453.5	PPCV	6.37	3.73	1.41	0.586	2.644	4.510	1685.	36.	3.	762.8	25.2	1
366	0	464	37.9783	89.7416	-450.5	PPCV	5.63	2.76	1.30	0.491	2.127	4.334	1635.	39.	4.	763.8	25.4	1
367	10	476	37.9783	89.7409	-447.5	PPCV	8.19	1.40	1.41	0.0	0.0	5.819	1530.	49.	6.	762.8	25.5	1
368	0	484	37.9783	89.7402	-445.5	PPCV	6.57	2.96	1.00	0.451	2.973	6.597	1555.	34.	5.	762.8	25.5	1
369	0	492	37.9783	89.7395	-443.2	PPCV	6.42	3.61	1.14	0.563	3.163	5.621	1509.	35.	6.	763.3	25.5	1
370	10	496	37.9783	89.7388	-441.5	PPCV	7.02	1.41	1.20	0.0	0.0	5.826	1511.	32.	7.	762.8	25.5	1
371	10	504	37.9783	89.7381	-439.2	PPCV	5.43	0.10	1.47	0.0	0.0	3.704	1439.	53.	12.	762.8	25.5	1

CP9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
372	10	504	37.9783	89.7374	-437.7	PPCV	7.90	1.63	0.96	0.0	0.0	8.263	1524.	46.	12.	762.8	25.6	1
373	0	512	37.9783	89.7366	-435.5	PPCV	6.58	1.88	1.30	0.286	1.442	5.043	1548.	34.	10.	762.8	25.6	1
374	0	516	37.9783	89.7359	-433.5	PPCV	8.84	2.89	1.25	0.326	2.314	7.091	1585.	41.	9.	762.3	25.6	1
375	0	520	37.9783	89.7352	-430.2	PPCV	4.61	1.85	1.30	0.402	1.425	3.548	1615.	44.	12.	761.8	25.5	1
376	0	516	37.9783	89.7344	-426.7	PPCV	8.16	3.81	1.28	0.466	2.976	6.381	1715.	33.	7.	763.3	25.5	1
377	0	508	37.9783	89.7337	-424.5	PPCV	4.72	2.85	1.27	0.604	2.255	3.731	1610.	48.	10.	762.8	25.4	1
378	0	512	37.9783	89.7330	-422.7	PPCV	8.50	2.53	1.05	0.298	2.401	8.066	1623.	43.	9.	762.3	25.5	1
379	0	512	37.9784	89.7323	-420.0	PPCV	8.57	1.83	1.26	0.213	1.449	6.801	1601.	35.	7.	762.8	25.5	1
380	0	504	37.9784	89.7315	-417.7	PPCV	8.46	2.13	1.16	0.252	1.832	7.271	1585.	47.	7.	763.3	25.6	1
381	0	512	37.9784	89.7308	-413.7	PPCV	6.52	2.48	1.25	0.380	1.987	5.225	1653.	37.	4.	763.3	25.6	1
382	0	516	37.9784	89.7301	-410.7	PPCV	7.37	2.97	1.13	0.403	2.638	6.539	1607.	52.	4.	763.3	25.6	1
383	0	508	37.9784	89.7294	-409.0	PPCV	5.61	2.57	1.25	0.459	2.051	4.473	1512.	49.	5.	762.3	25.5	1
384	0	500	37.9784	89.7287	-405.7	PPCV	9.47	1.98	1.25	0.209	1.573	7.552	1627.	26.	2.	762.8	25.5	1
385	0	488	37.9784	89.7279	-402.0	PPCV	8.00	3.95	1.12	0.494	3.523	7.135	1637.	44.	3.	763.3	25.5	1
386	0	480	37.9784	89.7272	-399.0	PPCV	9.72	2.41	1.55	0.248	1.548	6.252	1618.	55.	3.	762.8	25.5	1
387	0	472	37.9784	89.7265	-395.2	PPCV	7.07	1.76	1.38	0.249	1.275	5.118	1636.	31.	6.	763.3	25.5	1
388	10	472	37.9784	89.7258	-393.2	PPCV	7.50	0.82	1.74	0.0	0.0	4.310	1630.	37.	7.	763.3	25.5	1
389	0	480	37.9784	89.7251	-393.0	PPCV	7.17	2.35	1.27	0.328	1.854	5.653	1550.	37.	5.	762.8	25.5	1
390	10	492	37.9784	89.7243	-390.5	PPCV	9.56	1.02	1.32	0.0	0.0	7.218	1638.	32.	5.	763.3	25.5	1
391	0	496	37.9784	89.7236	-388.2	PPCV	5.53	3.58	1.07	0.646	3.346	5.177	1571.	33.	2.	762.8	25.5	1
392	0	504	37.9784	89.7229	-387.5	PPCV	6.57	4.39	1.22	0.668	3.611	5.403	1672.	33.	1.	762.3	25.6	1
393	0	504	37.9784	89.7222	-386.0	PPCV	5.31	5.29	0.99	0.996	5.342	5.361	1512.	47.	2.	763.3	25.6	1
394	0	500	37.9784	89.7214	-383.0	PPCV	5.85	4.24	1.37	0.725	3.099	4.275	1724.	33.	0.	762.8	25.6	1
395	0	500	37.9784	89.7207	-381.5	PPCV	6.95	3.03	1.36	0.436	2.226	5.107	1611.	42.	1.	763.3	25.6	1
396	0	504	37.9784	89.7201	-380.0	PPCV	7.28	4.50	0.98	0.619	4.575	7.396	1558.	38.	4.	763.8	25.6	1
397	0	508	37.9785	89.7193	-375.2	PPCV	6.29	3.47	1.12	0.552	3.101	5.618	1613.	34.	4.	763.3	25.6	1
398	0	508	37.9785	89.7186	-373.2	PPCV	6.25	4.37	1.22	0.699	3.572	5.108	1628.	48.	3.	762.8	25.6	1
399	0	512	37.9785	89.7179	-372.5	PPCV	5.87	4.55	1.31	0.775	3.481	4.490	1600.	42.	4.	762.3	25.6	1
400	10	516	37.9785	89.7172	-371.0	PPCV	8.01	1.14	1.47	0.0	0.0	5.431	1629.	45.	9.	763.3	25.6	1
401	0	524	37.9785	89.7164	-370.5	PPCV	5.88	2.76	1.31	0.469	2.107	4.494	1691.	37.	8.	763.8	25.6	1
402	10	520	37.9785	89.7157	-371.0	PPCV	8.98	0.07	1.17	0.0	0.0	7.670	1602.	47.	10.	762.3	25.6	1
403	0	520	37.9785	89.7150	-367.5	PPCV	6.04	1.93	1.27	0.319	1.514	4.743	1606.	36.	11.	762.3	25.5	1
404	0	524	37.9785	89.7142	-365.7	PPCV	4.43	2.87	1.28	0.648	2.248	3.468	1527.	36.	12.	761.8	25.5	1
405	0	504	37.9785	89.7135	-364.2	PPCV	7.19	1.88	1.24	0.261	1.513	5.794	1492.	41.	8.	762.8	25.4	1
406	0	492	37.9785	89.7128	-362.0	PPCV	7.61	1.75	1.15	0.230	1.518	6.604	1467.	42.	6.	764.3	25.4	1
407	0	508	37.9785	89.7121	-359.5	PPCV	4.61	1.90	1.29	0.412	1.475	3.582	1451.	62.	10.	761.8	25.4	1
408	10	512	37.9785	89.7113	-358.5	PPCV	7.62	0.27	1.25	0.0	0.0	6.099	1564.	41.	9.	762.8	25.4	1
409	0	512	37.9785	89.7107	-357.2	PPCV	6.63	2.89	1.01	0.435	2.869	6.596	1590.	44.	8.	763.8	25.4	1
410	0	516	37.9785	89.7100	-358.2	PPCV	6.21	4.00	1.26	0.645	3.167	4.911	1573.	38.	8.	760.7	25.5	1
411	0	528	37.9785	89.7092	-357.5	PPCV	8.93	1.98	1.25	0.222	1.588	7.167	1603.	29.	7.	762.8	25.5	1
412	0	536	37.9785	89.7085	-356.0	PPCV	7.19	3.71	1.20	0.516	3.081	5.971	1634.	56.	3.	764.3	25.5	1
413	0	532	37.9785	89.7078	-356.2	PPCV	7.25	2.87	1.23	0.395	2.327	5.886	1557.	44.	6.	762.3	25.5	1
414	0	536	37.9785	89.7071	-355.5	PPCV	6.01	4.79	0.88	0.797	5.460	6.848	1584.	45.	8.	763.8	25.5	1
415	0	536	37.9785	89.7064	-354.0	PPCV	7.25	2.14	1.82	0.295	1.174	3.981	1633.	35.	5.	763.8	25.5	1
416	0	520	37.9785	89.7056	-352.0	PPCV	6.51	3.14	0.99	0.482	3.173	6.581	1689.	30.	7.	761.8	25.5	1
417	0	516	37.9785	89.7049	-350.2	PPCV	9.35	3.30	1.25	0.353	2.630	7.457	1721.	43.	9.	763.8	25.5	1
418	0	512	37.9785	89.7042	-349.5	PPCV	7.34	2.53	1.10	0.345	2.304	6.684	1663.	39.	9.	764.3	25.4	1
419	0	516	37.9785	89.7035	-348.7	PPCV	7.06	4.74	0.99	0.671	4.764	7.097	1679.	40.	6.	762.3	25.4	1
420	10	524	37.9786	89.7027	-349.0	PPCV	9.25	-0.30	1.42	0.0	0.0	6.521	1621.	26.	10.	764.3	25.5	1
421	0	520	37.9786	89.7020	-347.5	PPCV	6.97	2.65	1.24	0.380	2.128	5.605	1654.	35.	10.	763.8	25.5	1
422	10	528	37.9786	89.7013	-346.7	PPCV	8.55	1.34	1.23	0.0	0.0	6.955	1508.	42.	14.	761.8	25.5	1
423	0	532	37.9786	89.7006	-345.2	PPCV	5.47	2.78	1.19	0.507	2.342	4.615	1537.	32.	13.	762.8	25.5	1
424	10	552	37.9786	89.6999	-344.2	PPCV	6.02	1.24	1.40	0.0	0.0	4.313	1613.	31.	14.	762.3	25.5	1

CP9 LP12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
425	10	544	37.9786	89.6992	-342.7	PPCV	5.96	0.79	1.18	0.0	0.0	5.037	1577.	44.	16.	762.3	25.5	1
426	0	516	37.9786	89.6984	-342.0	PPCV	5.76	3.02	0.87	0.525	3.488	6.642	1483.	44.	12.	763.3	25.6	1
427	10	556	37.9786	89.6977	-341.5	PPCV	8.80	1.03	1.22	0.0	0.0	7.208	1708.	37.	10.	763.3	25.6	1
428	0	560	37.9786	89.6970	-340.5	PPCV	5.56	1.96	1.45	0.353	1.354	3.838	1658.	37.	10.	762.8	25.4	1
429	0	576	37.9786	89.6962	-338.5	MCU	5.70	4.81	1.15	0.844	4.172	4.942	1642.	23.	9.	763.3	25.4	1
430	0	592	37.9786	89.6955	-338.7	MCU	8.15	4.39	1.22	0.539	3.597	6.667	1697.	36.	9.	762.8	25.5	1
431	10	588	37.9786	89.6948	-339.0	MCU	8.36	1.18	1.06	0.0	0.0	7.856	1708.	42.	12.	762.3	25.5	1
432	10	592	37.9786	89.6941	-337.2	MCU	8.82	-0.01	1.39	0.0	0.0	6.364	1708.	45.	10.	761.8	25.5	1
433	10	596	37.9786	89.6934	-337.2	MCU	9.26	0.76	1.32	0.0	0.0	7.001	1666.	23.	11.	762.3	25.5	1
434	10	608	37.9786	89.6927	-336.0	MCU	6.00	1.39	1.58	0.0	0.0	3.789	1601.	40.	8.	761.8	25.4	1
435	0	616	37.9786	89.6919	-333.2	QAL	6.83	3.20	1.28	0.468	2.499	5.334	1646.	47.	8.	762.3	25.4	1
436	10	616	37.9787	89.6912	-333.2	QAL	5.84	1.59	1.08	0.0	0.0	5.415	1587.	41.	8.	763.3	25.4	1
437	0	620	37.9787	89.6905	-333.5	QAL	5.24	2.85	1.59	0.545	1.799	3.301	1621.	38.	7.	762.3	25.4	1
438	10	620	37.9787	89.6898	-332.0	QAL	6.94	1.34	0.98	0.0	0.0	7.114	1542.	49.	8.	762.8	25.4	1
439	0	624	37.9787	89.6891	-331.7	QAL	6.38	3.86	1.27	0.606	3.051	5.038	1697.	36.	5.	763.3	25.4	1
440	0	624	37.9787	89.6883	-330.2	QAL	7.33	4.10	0.76	0.559	5.358	9.583	1650.	32.	5.	763.3	25.4	1
441	0	612	37.9787	89.6876	-328.2	QAL	7.41	4.52	1.29	0.611	3.513	5.749	1510.	31.	3.	763.8	25.4	1
442	0	608	37.9787	89.6869	-329.2	QAL	6.67	3.19	1.08	0.479	2.948	6.154	1548.	36.	2.	763.3	25.5	1
443	10	600	37.9787	89.6862	-328.7	QAL	6.37	1.36	1.50	0.0	0.0	4.230	1482.	39.	8.	762.8	25.4	1
444	0	592	37.9787	89.6854	-325.7	QAL	6.48	3.34	0.91	0.515	3.670	7.121	1401.	50.	6.	763.3	25.5	1
445	10	588	37.9787	89.6847	-327.0	QAL	7.53	0.06	1.27	0.0	0.0	5.912	1419.	37.	11.	763.3	25.5	1
446	10	588	37.9787	89.6840	-325.0	QAL	6.80	1.51	1.32	0.0	0.0	5.154	1500.	47.	8.	763.3	25.6	1
447	0	584	37.9787	89.6833	-323.0	QAL	7.96	3.29	0.93	0.413	3.539	8.565	1579.	41.	10.	762.8	25.6	1
448	0	584	37.9787	89.6825	-323.0	QAL	6.80	2.19	1.26	0.322	1.741	5.398	1564.	35.	13.	764.3	25.6	1
449	0	576	37.9787	89.6818	-322.0	QAL	7.92	2.24	1.23	0.283	1.824	6.441	1605.	41.	13.	764.9	25.6	1
450	0	568	37.9787	89.6811	-320.0	QAL	5.68	2.81	1.00	0.496	2.823	5.691	1574.	39.	11.	763.3	25.6	1
451	10	560	37.9787	89.6805	-319.2	QAL	7.47	1.83	1.30	0.0	0.0	5.737	1453.	42.	12.	763.8	25.6	1
452	0	552	37.9787	89.6797	-319.2	PPCV	8.76	2.67	1.02	0.305	2.624	8.614	1561.	32.	13.	764.3	25.6	1
453	0	540	37.9787	89.6790	-318.7	PPCV	3.42	2.49	1.25	0.726	1.990	2.739	1423.	38.	11.	763.8	25.7	1
454	0	512	37.9787	89.6783	-317.7	PPAB	7.93	3.07	0.83	0.387	3.677	9.498	1503	28.	6.	765.4	25.7	1
455	10	500	37.9787	89.6776	-316.5	PPAB	5.39	0.96	1.35	0.0	0.0	4.007	1493.	30.	9.	764.3	25.8	1
456	10	520	37.9787	89.6768	-317.7	PPAB	5.27	1.50	1.39	0.0	0.0	3.795	1542.	35.	7.	763.3	25.8	1
457	0	508	37.9787	89.6761	-317.5	PPAB	8.72	2.58	1.60	0.296	1.619	5.466	1608.	39.	2.	764.9	25.7	1
458	0	484	37.9787	89.6754	-317.0	PPAB	5.28	4.26	1.16	0.806	3.682	4.569	1561.	43.	2.	763.8	25.8	1
459	0	488	37.9787	89.6747	-315.7	PPAB	6.22	4.17	1.09	0.670	3.816	5.700	1575.	42.	0.	763.8	25.7	1
460	0	484	37.9787	89.6739	-313.7	PPAB	7.42	2.05	1.35	0.276	1.514	5.478	1646.	46.	1.	764.9	25.7	1
461	0	472	37.9787	89.6732	-312.5	PPAB	8.71	2.75	1.35	0.316	2.030	6.434	1728.	45.	0.	763.3	25.7	1
462	0	464	37.9787	89.6725	-314.5	PPAB	7.04	3.27	1.35	0.465	2.417	5.201	1657.	46.	1.	764.3	25.7	1
463	0	460	37.9788	89.6717	-316.2	PPAB	8.44	3.01	1.48	0.356	2.039	5.722	1758.	41.	2.	766.4	25.6	1
464	0	456	37.9788	89.6711	-316.7	PPAB	6.27	3.99	1.53	0.635	2.600	4.092	1706.	38.	3.	764.3	25.6	1
465	0	444	37.9788	89.6703	-314.5	PPAB	6.58	3.73	1.39	0.567	2.690	4.746	1713.	46.	6.	764.9	25.6	1
466	10	448	37.9788	89.6696	-313.7	PPAB	8.43	1.13	1.50	0.0	0.0	5.620	1686.	38.	6.	766.9	25.7	1
467	0	448	37.9788	89.6689	-313.7	PPAB	6.47	3.94	1.50	0.610	2.625	4.307	1661.	52.	3.	763.8	25.7	1
468	0	444	37.9788	89.6682	-312.7	PPAB	6.10	5.24	1.02	0.859	5.159	6.006	1634.	36.	1.	764.9	25.7	1
469	0	444	37.9788	89.6675	-312.7	PPAB	9.37	3.25	1.15	0.347	2.822	8.133	1690.	29.	4.	767.4	25.7	1
470	0	444	37.9788	89.6668	-314.2	PPAB	4.18	3.07	1.67	0.735	1.836	2.498	1663.	38.	2.	765.4	25.8	1
471	10	436	37.9788	89.6661	-314.5	PPAB	7.73	1.36	1.40	0.0	0.0	5.529	1635.	41.	4.	765.4	25.7	1
472	0	440	37.9788	89.6654	-312.7	PPAB	6.06	4.08	1.21	0.674	3.362	4.992	1612.	54.	1.	767.4	25.7	1
473	0	444	37.9788	89.6647	-312.0	PPAB	8.46	3.50	1.18	0.414	2.968	7.174	1609.	50.	0.	766.4	25.7	1
474	0	428	37.9788	89.6640	-313.0	PPAB	5.99	2.35	1.23	0.393	1.918	4.883	1548.	43.	0.	765.4	25.7	1
475	0	444	37.9788	89.6632	-313.5	PPAB	8.20	3.37	0.96	0.411	3.529	8.582	1667.	26.	2.	766.4	25.7	1
476	0	432	37.9788	89.6625	-313.0	PPAB	8.60	2.54	1.19	0.295	2.137	7.245	1631.	52.	0.	766.4	25.8	1
477	0	420	37.9788	89.6618	-313.0	PPS	7.79	3.43	1.39	0.440	2.461	5.594	1689.	29.	0.	765.4	25.8	1

CP9 IP 12

*	TAGS		* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
478	0	428	37.9788	89.6612	-313.0	PPS	6.46	3.62	1.03	0.561	3.504	6.245	1685.	45.	3.	766.4	25.8	1
479	0	440	37.9788	89.6604	-313.5	PPS	5.39	3.10	1.32	0.575	2.347	4.079	1642.	43.	7.	767.4	25.8	1
480	0	444	37.9788	89.6597	-315.5	PPS	8.82	3.85	1.10	0.436	3.496	8.014	1783.	30.	6.	765.4	25.8	1
481	0	440	37.9788	89.6590	-314.5	PPS	8.57	2.27	1.31	0.265	1.738	6.558	1787.	36.	9.	765.4	25.8	1
482	0	444	37.9788	89.6583	-313.0	PPS	6.50	2.85	1.34	0.438	2.130	4.865	1647.	44.	9.	766.4	25.8	1
483	0	452	37.9788	89.6576	-315.0	PPS	7.36	2.62	1.28	0.356	2.049	5.758	1684.	45.	10.	765.4	25.8	1
484	0	452	37.9787	89.6569	-317.5	PPS	5.92	2.27	1.08	0.383	2.100	5.479	1596.	46.	11.	764.3	25.8	1
485	10	456	37.9787	89.6561	-317.7	PPS	6.43	1.53	1.36	0.0	0.0	4.738	1650.	41.	15.	765.9	25.8	1
486	0	460	37.9787	89.6555	-316.7	PPS	8.86	2.03	1.16	0.230	1.750	7.623	1609.	49.	11.	765.9	25.8	1
487	0	460	37.9787	89.6548	-314.2	PPS	9.35	2.87	0.87	0.307	3.286	10.688	1593.	53.	10.	764.9	25.7	1
488	10	464	37.9788	89.6540	-312.7	PPS	7.79	0.93	1.25	0.0	0.0	6.252	1607.	40.	11.	766.9	25.7	1
489	0	464	37.9788	89.6533	-312.7	PPS	7.59	3.24	1.17	0.427	2.768	6.484	1667.	34.	10.	768.0	25.7	1
490	10	456	37.9788	89.6526	-311.7	PPS	7.64	1.36	1.25	0.0	0.0	6.132	1590.	32.	11.	766.9	25.8	1
491	0	456	37.9788	89.6519	-310.7	PPS	6.39	3.64	0.95	0.569	3.820	6.710	1595.	38.	9.	765.4	25.8	1
492	10	464	37.9788	89.6512	-310.2	PPS	6.42	0.95	1.33	0.0	0.0	4.826	1524.	56.	9.	766.4	25.7	1
493	10	464	37.9788	89.6505	-311.0	PPS	6.04	1.63	1.32	0.0	0.0	4.564	1583.	49.	11.	767.4	25.7	1
494	0	428	37.9787	89.6497	-310.2	PPS	6.57	4.55	0.96	0.692	4.724	6.823	1429.	34.	6.	765.4	25.8	1
495	10	380	37.9787	89.6491	-312.0	PPS	6.14	1.03	0.76	0.0	0.0	8.122	1280.	33.	9.	765.4	25.8	1
496	0	380	37.9787	89.6484	-311.7	PPS	5.22	3.02	0.95	0.578	3.178	5.501	1274.	44.	7.	767.4	25.8	1
497	0	404	37.9787	89.6477	-311.5	PPS	6.25	1.92	1.24	0.307	1.544	5.027	1403.	53.	7.	766.4	25.8	1
498	0	464	37.9787	89.6469	-311.7	PPS	6.41	1.74	1.10	0.271	1.586	5.843	1511.	46.	12.	764.3	25.7	1
499	0	468	37.9787	89.6462	-311.0	PPS	7.87	2.68	1.23	0.340	2.178	6.401	1666.	26.	10.	766.4	25.9	1
500	0	460	37.9787	89.6456	-311.7	PPS	4.17	4.55	1.03	1.090	4.428	4.062	1616.	44.	5.	766.4	25.9	1
501	0	460	37.9787	89.6448	-313.2	PPS	7.31	2.80	1.13	0.383	2.472	6.461	1719.	39.	7.	764.3	25.8	1
502	0	468	37.9788	89.6441	-313.2	PPS	8.51	2.13	1.33	0.251	1.603	6.390	1709.	36.	9.	764.3	25.9	1
503	0	468	37.9788	89.6434	-313.5	PPS	6.27	3.16	0.91	0.505	3.474	6.880	1653.	30.	7.	765.4	25.8	1
504	0	464	37.9787	89.6427	-312.7	PPS	8.13	2.03	1.06	0.250	1.909	7.637	1629.	42.	10.	765.4	25.8	1
505	10	464	37.9787	89.6420	-311.7	PPS	9.92	0.81	1.22	0.0	0.0	8.138	1604.	43.	14.	763.8	25.9	1
506	10	464	37.9787	89.6413	-312.2	PPS	4.79	1.26	1.35	0.0	0.0	3.560	1500.	39.	12.	764.3	25.9	1
507	10	468	37.9787	89.6405	-313.5	PPS	7.84	0.98	1.27	0.0	0.0	6.179	1506.	31.	11.	766.4	25.9	1
508	10	476	37.9787	89.6399	-313.2	PPS	7.23	-0.22	1.28	0.0	0.0	5.659	1418.	44.	12.	764.3	25.8	1
509	0	496	37.9787	89.6392	-314.5	PPS	5.77	2.05	1.04	0.355	1.961	5.531	1475.	37.	10.	764.3	25.8	1
510	0	492	37.9787	89.6384	-314.0	PPCA-1	5.27	3.69	1.00	0.701	3.698	5.273	1525.	33.	6.	766.4	25.8	1
511	10	492	37.9787	89.6377	-313.0	PPCA-1	8.59	0.71	1.33	0.0	0.0	6.455	1418.	45.	7.	765.4	25.8	1
512	0	488	37.9787	89.6371	-314.2	PPCA-1	6.83	2.52	1.14	0.369	2.207	5.989	1499.	26.	5.	764.3	25.8	1
513	0	484	37.9787	89.6363	-314.7	QAL	6.25	2.47	1.22	0.394	2.017	5.113	1497.	43.	3.	766.4	25.7	1
514	0	480	37.9787	89.6356	-316.0	QAL	7.02	4.82	0.87	0.687	5.529	8.046	1580.	36.	3.	767.4	25.7	1
515	0	480	37.9787	89.6349	-317.5	QAL	7.38	1.68	1.23	0.228	1.372	6.019	1486.	25.	0.	765.4	25.7	1
516	0	476	37.9787	89.6342	-317.2	QAL	7.70	3.19	1.34	0.414	2.375	5.735	1597.	40.	0.	766.4	25.7	1
517	0	476	37.9787	89.6335	-318.2	QAL	6.00	3.34	1.04	0.557	3.206	5.759	1489.	34.	0.	767.4	25.7	1
518	0	472	37.9787	89.6328	-319.5	QAL	5.54	2.59	0.96	0.468	2.694	5.762	1504.	40.	2.	765.9	25.7	1
519	0	468	37.9787	89.6320	-319.5	QAL	8.89	1.73	1.16	0.194	1.483	7.640	1626.	38.	1.	765.9	25.7	1
520	0	468	37.9787	89.6313	-321.0	QAL	7.80	2.00	1.36	0.257	1.473	5.738	1643.	27.	2.	766.9	25.7	1
521	10	464	37.9787	89.6307	-321.5	QAL	7.32	0.47	1.77	0.0	0.0	4.135	1661.	37.	5.	765.4	25.7	1
522	0	464	37.9787	89.6300	-323.0	QAL	6.35	1.92	1.43	0.303	1.349	4.453	1573.	31.	4.	764.3	25.8	1
523	0	464	37.9787	89.6292	-325.7	QAL	7.00	2.07	1.16	0.296	1.793	6.052	1566.	36.	5.	766.4	25.8	1
524	10	468	37.9787	89.6285	-327.2	QAL	7.66	1.55	1.51	0.0	0.0	5.075	1604.	47.	7.	766.4	25.9	1
525	0	472	37.9787	89.6278	-327.5	QAL	5.47	2.95	1.27	0.539	2.318	4.302	1529.	47.	3.	764.3	25.9	1
526	0	476	37.9787	89.6271	-329.0	QAL	4.45	3.28	0.91	0.735	3.595	4.888	1439.	48.	6.	765.4	25.9	1
527	10	480	37.9787	89.6264	-329.7	QAL	8.87	1.45	1.31	0.0	0.0	6.799	1440.	31.	5.	767.4	25.8	1
528	0	480	37.9787	89.6257	-330.5	QAL	4.62	2.01	1.26	0.435	1.591	3.658	1482.	39.	4.	764.9	25.8	1
529	0	480	37.9787	89.6249	-332.0	QAL	7.60	1.97	1.20	0.259	1.644	6.338	1490.	56.	1.	764.3	25.8	1
530	10	480	37.9787	89.6243	-332.7	QAL	7.77	1.54	1.33	0.0	0.0	5.855	1493.	42.	5.	766.9	25.7	1

CP 9 IP 12

* TAGS *			* LOCATION *				REDUCED DATA											*
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
531	10	480	37.9787	89.6236	-333.0	QAL	7.92	0.75	1.30	0.0	0.0	6.084	1475.	46.	4.	765.9	25.7	1
532	0	480	37.9787	89.6229	-335.0	QAL	7.90	2.01	1.24	0.254	1.625	6.384	1482.	34.	5.	765.4	25.7	1
533	10	480	37.9787	89.6221	-337.2	QAL	5.76	1.17	1.21	0.0	0.0	4.756	1459.	44.	9.	767.4	25.7	1
534	0	476	37.9787	89.6215	-337.2	QAL	6.02	4.00	0.88	0.664	4.524	6.818	1588.	35.	5.	765.4	25.7	1
535	0	472	37.9787	89.6207	-338.0	PPCA-1	6.56	2.09	1.04	0.318	2.001	6.286	1582.	36.	8.	763.8	25.7	1
536	0	472	37.9787	89.6200	-339.5	PPCA-1	6.54	3.12	1.09	0.478	2.869	6.005	1592.	29.	7.	766.4	25.8	1
537	0	460	37.9787	89.6193	-342.0	PPCA-1	5.69	2.92	1.18	0.512	2.477	4.836	1513.	44.	10.	766.4	25.8	1
538	0	464	37.9787	89.6185	-342.5	PPCA-1	5.56	3.76	1.08	0.677	3.483	5.144	1757.	22.	11.	764.3	25.8	1
539	10	464	37.9787	89.6179	-342.2	PPCA-1	8.13	0.86	1.31	0.0	0.0	6.201	1653.	46.	10.	766.4	25.8	1
540	0	472	37.9787	89.6172	-344.0	PPCA-1	10.60	2.11	1.27	0.200	1.670	8.367	1690.	28.	5.	767.4	25.8	1
541	0	464	37.9787	89.6165	-345.7	PPCA-1	7.55	2.19	1.18	0.290	1.859	6.402	1634.	34.	2.	764.3	25.8	1
542	0	464	37.9787	89.6157	-345.2	PPCA-1	8.54	2.73	1.27	0.319	2.139	6.706	1660.	31.	4.	765.4	25.8	1
543	0	460	37.9787	89.6151	-345.7	PPCA-1	9.20	2.30	1.27	0.250	1.817	7.269	1677.	31.	1.	767.4	25.7	1
544	0	456	37.9787	89.6143	-347.0	PPCA-1	8.34	2.43	1.27	0.291	1.908	6.548	1651.	36.	5.	765.4	25.7	1
545	0	448	37.9787	89.6136	-347.5	PPCA-1	7.98	4.13	1.27	0.518	3.249	6.273	1723.	35.	2.	765.4	25.7	1
546	0	444	37.9787	89.6129	-349.0	PPCA-1	6.40	2.11	1.10	0.329	1.921	5.832	1610.	39.	6.	767.4	25.7	1
547	0	440	37.9787	89.6123	-350.0	PPCA-1	6.56	2.99	1.17	0.456	2.549	5.593	1574.	53.	7.	766.4	25.7	1
548	0	432	37.9787	89.6115	-350.0	PPCA-1	8.16	2.55	1.13	0.313	2.262	7.237	1743.	42.	5.	766.4	25.7	1
549	0	424	37.9787	89.6108	-353.0	PPCA-1	8.07	3.52	1.33	0.437	2.641	6.049	1643.	45.	4.	767.4	25.7	1
550	0	416	37.9787	89.6101	-353.7	PPCA-1	6.83	2.52	0.95	0.370	2.663	7.200	1619.	43.	10.	766.4	25.7	1
551	0	412	37.9787	89.6094	-352.7	PPCA-1	7.10	1.73	1.22	0.243	1.415	5.819	1647.	30.	10.	765.9	25.7	1
552	10	420	37.9787	89.6087	-353.0	PPCA-1	6.63	1.54	1.26	0.0	0.0	5.274	1551.	42.	14.	766.9	25.7	1
553	0	420	37.9787	89.6079	-354.0	PPCA-1	6.11	2.81	1.05	0.460	2.689	5.845	1578.	36.	8.	765.9	25.8	1
554	0	424	37.9787	89.6072	-354.7	PPCA-1	6.92	3.79	0.99	0.547	3.843	7.024	1638.	39.	8.	765.4	25.8	1
555	0	380	37.9787	89.6065	-355.2	PPCA-1	4.58	2.31	0.91	0.505	2.545	5.042	1428.	29.	8.	767.4	25.8	1
556	0	376	37.9787	89.6059	-355.5	PPCA-1	7.02	2.03	1.01	0.290	2.008	6.931	1402.	40.	6.	766.4	25.8	1
557	0	416	37.9787	89.6052	-355.7	PPCA-1	8.19	2.76	1.25	0.337	2.217	6.581	1650.	36.	4.	764.3	25.7	1
558	0	428	37.9787	89.6044	-355.7	PPCA-1	10.31	1.86	1.33	0.181	1.402	7.755	1686.	28.	2.	766.9	25.7	1
559	0	428	37.9787	89.6037	-354.5	PPCA-1	6.57	2.96	1.24	0.451	2.381	5.276	1642.	35.	3.	766.9	25.7	1
560	0	404	37.9787	89.6030	-356.0	PPCA-1	7.35	2.32	1.01	0.315	2.287	7.261	1511.	27.	2.	764.9	25.7	1
561	0	404	37.9787	89.6023	-357.2	PPCA-1	7.56	3.29	0.91	0.435	3.626	8.341	1497.	43.	3.	766.4	25.7	1
562	0	432	37.9787	89.6016	-357.5	PPCA-1	6.10	3.32	1.38	0.544	2.413	4.434	1623.	38.	1.	767.4	25.7	1
563	0	428	37.9787	89.6008	-357.5	PPCA-1	6.95	3.41	1.32	0.491	2.576	5.248	1621.	44.	0.	765.4	25.7	1
564	0	424	37.9786	89.6001	-357.5	PPCA-1	7.30	4.72	1.24	0.647	3.810	5.886	1715.	43.	0.	766.4	25.7	1
565	0	412	37.9786	89.5995	-357.2	PPCA-1	7.33	3.07	1.22	0.419	2.527	6.027	1673.	48.	0.	767.4	25.6	1
566	0	412	37.9786	89.5988	-357.2	PPCA-1	7.83	3.07	1.19	0.392	2.571	6.560	1657.	38.	0.	765.4	25.6	1
567	0	412	37.9786	89.5980	-357.7	PPCA-1	8.12	3.28	1.31	0.404	2.502	6.201	1681.	38.	1.	765.4	25.6	1
568	0	408	37.9787	89.5973	-358.0	PPCA-1	6.95	4.25	1.42	0.611	2.994	4.900	1693.	44.	1.	766.4	25.6	1
569	0	400	37.9787	89.5966	-357.5	PPCA-1	8.06	4.18	1.01	0.519	4.120	7.943	1555.	26.	2.	764.9	25.6	1
570	0	400	37.9787	89.5959	-357.7	PPCA-1	6.27	2.98	1.20	0.474	2.476	5.218	1555.	32.	4.	765.9	25.7	1
571	0	400	37.9787	89.5952	-357.7	PPCA-1	8.66	2.19	1.21	0.254	1.809	7.134	1664.	34.	5.	768.5	25.7	1
572	10	480	37.9787	89.5945	-357.2	PPCA-1	9.46	1.68	1.46	0.0	0.0	6.461	1878.	35.	9.	766.4	25.7	1
573	0	396	37.9787	89.5938	-356.7	PPCA-1	9.55	1.85	0.76	0.193	2.442	12.628	1536.	42.	9.	765.4	25.7	1
574	0	396	37.9786	89.5931	-354.2	PPCA-1	8.08	2.86	0.84	0.354	3.419	9.667	1535.	35.	6.	767.4	25.7	1
575	0	400	37.9786	89.5924	-351.2	PPCA-1	6.19	4.77	0.91	0.770	5.255	6.822	1619.	43.	5.	765.4	25.7	1
576	0	400	37.9786	89.5917	-350.7	PPCA-1	7.83	2.18	0.80	0.278	2.734	9.842	1406.	43.	6.	765.4	25.8	1
577	0	400	37.9786	89.5909	-352.5	PPCA-1	5.30	1.92	0.90	0.363	2.149	5.920	1500.	40.	8.	766.4	25.8	1
578	0	396	37.9786	89.5902	-353.2	PPCA-1	5.13	3.12	0.99	0.607	3.142	5.173	1503.	42.	8.	765.4	25.8	1
579	0	404	37.9786	89.5895	-353.5	PPCA-1	3.38	4.95	0.67	1.464	7.377	5.039	1471.	45.	7.	765.9	25.8	1
580	0	408	37.9786	89.5888	-357.0	PPCA-1	5.19	4.04	0.68	0.779	5.966	7.654	1472.	27.	7.	766.9	25.9	1
581	0	412	37.9786	89.5881	-358.2	PPCA-1	5.24	4.00	0.69	0.764	5.772	7.559	1428.	34.	7.	764.3	25.9	1
582	0	412	37.9786	89.5875	-356.5	PPCA-1	5.47	3.87	0.61	0.707	6.350	8.980	1389.	44.	6.	764.3	25.9	1
583	0	416	37.9786	89.5867	-354.7	PPM	5.74	2.26	0.90	0.393	2.503	6.368	1480.	38.	11.	766.4	25.8	1

CP 9 IP 12

* TAGS *				LOCATION *			REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
584	0	420	37.9786	89.5860	-353.5	PPM	5.86	1.83	1.08	0.312	1.695	5.433	1544.	37.	9.	765.4	25.8	1
585	0	420	37.9786	89.5853	-354.7	PPM	8.11	2.75	1.00	0.339	2.746	8.113	1449.	32.	8.	765.4	25.7	1
586	10	424	37.9786	89.5845	-356.7	PPM	6.94	1.38	1.01	0.0	0.0	6.852	1611.	46.	9.	766.4	25.7	1
587	0	424	37.9786	89.5839	-356.5	PPM	7.54	3.72	1.00	0.493	3.700	7.506	1585.	38.	11.	765.4	25.6	1
588	0	420	37.9786	89.5831	-357.0	PPM	10.81	2.29	1.16	0.211	1.978	9.358	1632.	38.	3.	765.4	25.7	1
589	0	420	37.9786	89.5824	-358.0	PPM	7.68	3.74	0.71	0.487	5.240	10.766	1680.	31.	4.	766.4	25.8	1
590	0	420	37.9786	89.5817	-357.2	PPM	8.75	2.70	0.98	0.308	2.740	8.896	1652.	32.	6.	765.9	25.9	1
591	0	424	37.9786	89.5811	-356.2	PPM	7.13	3.14	1.26	0.440	2.500	5.677	1676.	32.	6.	765.9	25.8	1
592	10	424	37.9786	89.5803	-356.2	PPM	7.75	0.97	1.19	0.0	0.0	6.524	1644.	40.	7.	766.9	25.8	1
593	0	420	37.9786	89.5796	-356.2	PPM	6.30	3.28	1.20	0.521	2.731	5.241	1620.	32.	10.	765.4	25.7	1
594	10	420	37.9786	89.5789	-355.5	PPM	7.98	1.34	1.09	0.0	0.0	7.336	1561.	45.	8.	765.4	25.7	1
595	0	412	37.9786	89.5782	-355.7	PPM	8.10	3.16	1.19	0.391	2.660	6.807	1544.	42.	8.	767.4	25.7	1
596	10	404	37.9786	89.5775	-355.5	PPM	7.50	0.27	1.51	0.0	0.0	4.973	1492.	40.	10.	766.4	25.7	1
597	10	400	37.9786	89.5767	-354.7	PPM	7.66	1.29	1.23	0.0	0.0	6.247	1600.	41.	9.	764.3	25.7	1
598	0	396	37.9786	89.5760	-356.0	PPM	10.37	2.27	1.05	0.219	2.152	9.836	1632.	36.	8.	766.4	25.7	1
599	0	392	37.9786	89.5753	-355.5	PPM	5.92	1.99	1.26	0.336	1.585	4.712	1540.	40.	13.	766.9	25.7	1
600	0	396	37.9786	89.5747	-354.0	PPM	6.15	2.62	1.09	0.426	2.409	5.658	1587.	37.	9.	764.9	25.7	1
601	10	396	37.9786	89.5740	-353.2	PPM	8.06	1.39	1.02	0.0	0.0	7.912	1518.	44.	12.	766.9	25.7	1
602	0	396	37.9786	89.5732	-355.0	PPM	6.93	3.40	1.08	0.490	3.148	6.423	1638.	46.	8.	768.0	25.7	1
603	0	396	37.9785	89.5725	-354.0	PPM	6.11	3.86	1.19	0.630	3.247	5.150	1662.	41.	8.	764.9	25.7	1
604	10	396	37.9786	89.5718	-353.7	PPM	7.36	0.05	1.37	0.0	0.0	5.386	1652.	36.	11.	765.4	25.7	1
605	10	396	37.9786	89.5711	-353.5	PPM	8.72	0.91	1.19	0.0	0.0	7.329	1653.	24.	10.	767.4	25.7	1
606	0	392	37.9786	89.5704	-353.0	PPM	5.37	4.88	0.95	0.909	5.128	5.642	1604.	43.	8.	766.4	25.7	1
607	0	392	37.9786	89.5697	-352.5	PPM	4.66	2.69	0.88	0.577	3.046	5.275	1322.	49.	9.	765.4	25.7	1
608	0	408	37.9786	89.5690	-353.2	PPM	9.06	3.11	0.89	0.343	3.478	10.149	1366.	41.	9.	767.4	25.8	1
609	0	440	37.9786	89.5683	-353.5	PPM	5.63	1.70	1.09	0.301	1.556	5.164	1420.	42.	11.	765.4	25.8	1
610	0	408	37.9786	89.5676	-353.2	PPM	6.72	1.93	1.22	0.287	1.580	5.504	1553.	51.	9.	763.8	25.9	1
611	0	396	37.9786	89.5668	-352.5	PPM	6.64	2.84	1.32	0.427	2.143	5.013	1650.	34.	9.	766.4	26.0	1
612	0	404	37.9786	89.5661	-352.7	PPM	8.58	2.91	1.27	0.340	2.288	6.738	1683.	50.	5.	766.4	26.0	1
613	0	416	37.9785	89.5654	-351.0	PPM	6.07	4.28	1.03	0.706	4.139	5.865	1730.	45.	8.	764.3	25.9	1
614	0	424	37.9785	89.5647	-350.5	PPM	5.31	4.17	1.32	0.784	3.155	4.024	1681.	44.	2.	765.4	26.0	1
615	0	432	37.9785	89.5640	-349.7	PPM	5.86	4.06	1.52	0.693	2.669	3.853	1783.	37.	4.	766.4	26.0	1
616	0	440	37.9785	89.5633	-350.0	PPM	6.78	4.29	1.43	0.633	2.996	4.736	1755.	41.	2.	764.3	26.0	1
617	0	448	37.9785	89.5627	-350.2	PPM	6.39	3.45	1.33	0.540	2.594	4.802	1677.	44.	4.	764.3	26.0	1
618	0	452	37.9785	89.5619	-349.7	PPM	4.72	3.55	1.15	0.753	3.097	4.111	1654.	36.	3.	765.4	26.0	1
619	0	452	37.9785	89.5612	-349.0	PPM	4.78	5.15	1.51	1.078	3.404	3.157	1658.	48.	4.	764.3	26.0	1
620	0	448	37.9786	89.5605	-350.5	PPM	7.36	2.27	1.18	0.308	1.921	6.228	1632.	46.	7.	763.8	25.9	1
621	0	444	37.9786	89.5598	-350.7	PPM	6.74	4.06	1.35	0.603	3.003	4.979	1682.	40.	3.	765.4	25.8	1
622	0	448	37.9786	89.5591	-349.2	PPM	7.54	3.50	1.12	0.464	3.115	6.716	1624.	42.	4.	764.9	25.7	1
623	0	448	37.9785	89.5583	-348.7	PPM	6.21	2.55	1.51	0.410	1.685	4.110	1751.	46.	8.	763.3	25.7	1
624	0	452	37.9785	89.5576	-347.0	PPM	6.90	2.38	1.23	0.345	1.931	5.604	1662.	46.	9.	764.9	25.8	1
625	0	444	37.9785	89.5569	-345.7	PPM	5.04	3.63	1.36	0.720	2.677	3.716	1841.	38.	7.	765.4	25.8	1
626	0	432	37.9785	89.5562	-349.0	PPM	7.51	2.34	1.45	0.311	1.612	5.179	1812.	43.	7.	763.8	25.8	1
627	0	432	37.9785	89.5555	-347.5	PPM	6.90	3.01	1.35	0.437	2.230	5.104	1776.	46.	12.	764.3	25.9	1
628	0	428	37.9785	89.5548	-346.7	PPM	6.70	3.68	1.19	0.549	3.088	5.628	1785.	38.	9.	765.9	25.9	1
629	0	428	37.9785	89.5541	-345.7	PPM	4.85	4.39	0.98	0.904	4.494	4.971	1746.	37.	6.	764.9	25.9	1
630	0	424	37.9785	89.5534	-344.7	PPM	5.98	3.00	1.29	0.501	2.329	4.645	1829.	37.	10.	763.3	25.9	1
631	0	416	37.9785	89.5527	-345.0	PPM	6.08	3.50	1.43	0.576	2.446	4.244	1828.	55.	8.	764.9	25.8	1
632	0	412	37.9785	89.5519	-344.0	PPM	7.99	3.31	1.30	0.415	2.552	6.152	1889.	41.	7.	766.4	25.7	1
633	0	404	37.9785	89.5512	-343.2	PPM	5.81	5.51	1.13	0.948	4.854	5.118	1740.	47.	6.	765.4	25.7	1
634	0	396	37.9785	89.5505	-342.5	PPM	7.86	3.22	1.41	0.409	2.281	5.571	1844.	43.	7.	764.3	25.7	1
635	0	412	37.9785	89.5499	-342.5	PPM	5.79	2.99	1.18	0.516	2.539	4.922	1727.	40.	11.	765.4	25.7	1
636	0	412	37.9785	89.5492	-342.0	PPM	5.15	3.79	1.18	0.735	3.209	4.366	1741.	39.	8.	766.4	25.7	1

CP 9 LP 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
637	0	404	37.9785	89.5484	-340.7	PPM	4.61	4.74	1.08	1.030	4.402	4.275	1727.	36.	11.	765.4	25.7	1
638	0	412	37.9785	89.5477	-340.0	PPM	6.17	2.84	1.28	0.460	2.224	4.833	1685.	35.	9.	763.8	25.8	1
639	0	424	37.9785	89.5470	-339.2	PPM	7.72	3.10	1.18	0.402	2.640	6.573	1600.	41.	2.	765.4	25.8	1
640	0	436	37.9785	89.5463	-340.0	PPM	8.63	1.63	1.31	0.189	1.242	6.565	1620.	33.	6.	766.4	25.8	1
641	0	440	37.9785	89.5455	-339.0	PPM	7.45	2.47	1.41	0.331	1.756	5.302	1710.	37.	5.	765.4	25.7	1
642	0	448	37.9785	89.5448	-338.7	PPM	7.47	2.78	1.20	0.373	2.330	6.248	1570.	41.	1.	763.8	25.7	1
643	0	448	37.9785	89.5442	-338.5	PPCA-1	7.16	4.59	0.76	0.642	6.023	9.383	1583.	42.	1.	765.4	25.7	1
644	0	472	37.9785	89.5435	-338.5	PPCA-1	7.73	3.34	1.40	0.432	2.393	5.540	1638.	44.	0.	766.4	25.6	1
645	0	460	37.9785	89.5428	-336.2	PPCA-1	6.57	4.02	1.21	0.612	3.318	5.418	1615.	48.	0.	764.3	25.6	1
646	0	440	37.9785	89.5420	-335.5	PPCA-1	8.44	2.84	1.21	0.337	2.347	6.968	1618.	42.	0.	764.3	25.6	1
647	0	436	37.9785	89.5413	-335.7	PPCA-1	5.24	3.83	1.10	0.731	3.480	4.760	1580.	32.	3.	765.4	25.6	1
648	0	432	37.9785	89.5406	-336.0	PPCA-1	7.69	3.03	1.17	0.394	2.576	6.546	1504.	42.	0.	765.4	25.6	1
649	0	432	37.9785	89.5399	-333.2	PPCA-1	6.36	4.10	1.37	0.645	2.984	4.629	1609.	36.	0.	763.8	25.8	1
650	10	432	37.9785	89.5392	-333.2	PPCA-1	6.97	1.35	1.54	0.0	0.0	4.528	1655.	38.	2.	763.3	25.9	1
651	0	432	37.9785	89.5384	-333.7	PPCA-1	7.32	2.56	1.42	0.349	1.796	5.148	1685.	34.	0.	765.4	25.9	1
652	0	432	37.9785	89.5378	-332.7	PPCA-1	8.06	4.56	1.16	0.566	3.951	6.977	1604.	42.	0.	766.4	25.7	1
653	0	436	37.9785	89.5371	-331.2	PPCA-1	6.76	2.24	1.17	0.332	1.912	5.756	1548.	40.	1.	764.3	25.6	1
654	0	432	37.9785	89.5364	-330.2	PPCA-1	7.28	6.04	0.95	0.830	6.343	7.639	1611.	49.	0.	763.8	25.6	1
655	0	432	37.9785	89.5357	-330.0	PPCA-1	7.10	3.53	1.18	0.497	2.979	5.998	1594.	47.	0.	765.9	25.5	1
656	0	432	37.9785	89.5350	-327.5	PPCA-1	7.45	2.70	1.23	0.363	2.202	6.063	1595.	39.	4.	765.9	25.5	1
657	0	428	37.9785	89.5342	-327.2	PPCA-1	5.10	2.41	1.29	0.473	1.870	3.951	1571.	31	8.	763.8	25.4	1
658	0	423	37.9785	89.5335	-329.0	PPCA-1	5.27	2.12	1.37	0.403	1.551	3.846	1546.	38.	9.	763.8	25.5	1
659	0	428	37.9785	89.5328	-327.7	PPCA-1	7.12	3.75	1.24	0.527	3.027	5.748	1593.	39.	10.	766.4	25.5	1
660	0	424	37.9785	89.5321	-326.0	PPCA-1	6.80	2.93	1.14	0.431	2.565	5.954	1607.	40.	13.	767.4	25.4	1
661	10	424	37.9785	89.5315	-325.5	PPCA-1	7.75	1.38	1.33	0.0	0.0	5.814	1619.	33.	18.	765.4	25.4	1
662	0	416	37.9785	89.5307	-325.2	PPCA-1	5.84	3.16	1.43	0.541	2.204	4.073	1617.	36.	14.	764.3	25.4	1
663	10	416	37.9784	89.5300	-324.0	PPCA-1	6.85	-0.32	1.78	0.0	0.0	3.851	1679.	28.	18.	766.4	25.4	1
664	0	444	37.9784	89.5293	-323.0	PPCA-1	6.03	2.07	1.44	0.343	1.437	4.192	1714.	37.	18.	766.4	25.4	1
665	10	416	37.9784	89.5286	-323.0	PPCA-1	6.24	1.13	1.43	0.0	0.0	4.366	1638.	32.	14.	765.4	25.3	1
666	10	420	37.9784	89.5279	-323.7	PPCA-1	5.97	1.31	1.58	0.0	0.0	3.781	1679.	40.	13.	765.4	25.3	1
667	0	432	37.9785	89.5271	-322.2	PPCA-1	7.36	2.77	1.20	0.376	2.310	6.140	1773.	34.	14.	766.4	25.3	1
668	0	436	37.9785	89.5264	-321.0	PPCA-1	7.18	2.92	1.34	0.406	2.182	5.371	1773.	39.	10.	766.4	25.3	1
669	0	436	37.9785	89.5258	-320.7	PPCA-1	8.41	1.97	1.58	0.234	1.249	5.329	1782.	42.	8.	764.9	25.3	1
670	0	432	37.9785	89.5251	-319.0	PPCA-1	7.61	3.14	1.59	0.413	1.972	4.781	1737.	28.	9.	764.9	25.3	1
671	0	432	37.9785	89.5243	-317.2	PPCA-1	8.62	3.25	1.17	0.377	2.782	7.380	1754.	47.	7.	768.0	25.3	1
672	0	428	37.9785	89.5236	-315.2	PPCA-1	5.91	2.48	1.84	0.419	1.345	3.210	1753.	31.	7.	767.4	25.3	1
673	0	428	37.9784	89.5229	-313.5	PPCA-1	4.95	4.31	1.28	0.871	3.381	3.880	1699.	46.	7.	764.3	25.4	1
674	0	428	37.9784	89.5222	-315.0	PPCA-1	4.78	4.43	1.31	0.928	3.381	3.644	1718.	48.	6.	765.4	25.5	1
675	0	428	37.9784	89.5215	-315.7	PPCA-1	5.91	2.07	1.27	0.351	1.676	4.780	1638.	39.	7.	767.4	25.4	1
676	0	424	37.9784	89.5207	-314.2	PPCA-1	8.50	4.63	1.14	0.544	4.073	7.483	1623.	36.	1.	765.4	25.4	1
677	0	420	37.9784	89.5200	-314.2	PPCA-1	5.90	2.52	1.61	0.426	1.565	3.669	1725.	35.	3.	764.3	25.3	1
678	0	452	37.9784	89.5194	-314.5	PPCA-1	7.73	4.17	0.97	0.539	4.295	7.964	1693.	49.	4.	766.4	25.3	1
679	0	432	37.9784	89.5187	-313.0	PPCA-1	6.89	3.03	1.20	0.440	2.527	5.747	1619.	43.	3.	767.4	25.3	1
680	0	428	37.9784	89.5180	-311.0	PPCA-1	10.06	3.83	1.03	0.380	3.731	9.813	1623.	33.	0.	766.4	25.3	1
681	0	432	37.9784	89.5172	-311.2	PPCA-1	6.72	4.12	1.13	0.614	3.659	5.963	1618.	32.	3.	765.4	25.3	1
682	0	432	37.9784	89.5165	-310.7	PPCA-1	7.95	3.99	1.27	0.501	3.135	6.253	1622.	32.	4.	765.4	25.3	1
683	0	432	37.9784	89.5158	-307.7	PPCA-1	8.82	4.36	1.05	0.494	4.132	8.361	1684.	44.	0.	766.4	25.3	1
684	0	432	37.9784	89.5150	-308.5	PPCA-1	8.62	2.58	1.36	0.300	1.906	6.358	1656.	36.	3.	766.4	25.4	1
685	0	436	37.9784	89.5143	-308.2	PPCA-1	7.47	4.42	1.31	0.591	3.375	5.713	1735.	35.	4.	765.4	25.4	1
686	0	444	37.9784	89.5136	-304.7	PPCA-1	6.00	5.38	0.96	0.897	5.600	6.244	1640.	33.	3.	766.4	25.5	1
687	10	444	37.9784	89.5129	-304.2	PPCA-1	6.04	1.24	1.35	0.0	0.0	4.463	1581.	37.	7.	766.4	25.5	1
688	0	464	37.9783	89.5121	-304.7	PPCA-1	6.73	3.98	1.39	0.592	2.857	4.827	1637.	37.	1.	765.4	25.5	1
689	0	468	37.9784	89.5114	-304.0	PPCA-1	7.62	3.55	1.02	0.466	3.480	7.475	1655.	44.	4.	764.3	25.5	1

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
690	0	472	37.9784	89.5106	-302.2	PPCA-1	6.42	4.10	1.26	0.639	3.262	5.107	1739.	32.	3.	765.4	25.5	1
691	10	488	37.9784	89.5099	-301.2	PPCA-1	7.00	1.46	1.60	0.0	0.0	4.377	1727.	38.	6.	767.4	25.4	1
692	0	476	37.9784	89.5092	-300.0	PPCA-1	7.07	4.39	1.27	0.621	3.469	5.584	1748.	41.	5.	766.4	25.4	1
693	0	464	37.9784	89.5084	-299.7	PPCA-1	6.06	4.25	1.70	0.701	2.491	3.554	1773.	43.	5.	764.3	25.3	1
694	0	460	37.9783	89.5077	-299.7	PPCA-1	5.14	4.13	1.17	0.805	3.547	4.407	1660.	46.	5.	764.3	25.3	1
695	0	460	37.9783	89.5069	-299.2	PPCA-1	6.83	1.93	1.53	0.282	1.255	4.448	1745.	44.	7.	766.4	25.3	1
696	0	460	37.9783	89.5062	-298.2	PPCA-1	6.50	5.29	1.22	0.813	4.337	5.336	1758.	31.	8.	766.4	25.4	1
697	0	452	37.9783	89.5054	-296.7	PPCA-1	6.60	4.80	1.27	0.727	3.788	5.208	1762.	45.	9.	765.4	25.4	1
698	0	468	37.9783	89.5047	-296.5	PPCA-1	4.82	3.24	1.31	0.672	2.465	3.668	1750.	49.	11.	764.3	25.5	1
699	0	516	37.9783	89.5040	-295.7	PPCA-1	7.61	2.64	1.45	0.347	1.814	5.235	1824.	29.	9.	764.3	25.5	1
700	0	516	37.9783	89.5033	-294.2	PPCA-1	7.11	3.33	1.46	0.468	2.275	4.864	1826.	34.	9.	766.4	25.6	1
701	0	508	37.9783	89.5025	-293.5	PPCA-1	8.28	3.24	1.24	0.391	2.605	6.658	1790.	39.	10.	766.4	25.6	1
702	10	496	37.9783	89.5018	-293.2	PPCA-1	9.38	0.97	1.46	0.0	0.0	6.431	1728.	42.	9.	764.3	25.5	1
703	10	484	37.9783	89.5010	-292.2	PPCA-1	5.81	0.84	0.92	0.0	0.0	6.305	1470.	49.	12.	764.3	25.4	1
704	0	480	37.9783	89.5003	-291.7	PPCA-1	6.63	3.14	1.26	0.474	2.491	5.254	1606.	29.	5.	765.4	25.5	1
705	0	480	37.9782	89.4996	-292.0	PPCA-1	6.42	2.67	1.32	0.416	2.018	4.854	1496.	37.	9.	766.4	25.5	1
706	10	488	37.9782	89.4988	-292.0	PPCA-1	6.06	0.75	1.13	0.0	0.0	5.384	1393.	40.	10.	765.4	25.5	1
707	0	496	37.9782	89.4981	-289.5	QAL	6.35	2.41	1.13	0.380	2.138	5.630	1395.	28.	8.	764.3	25.5	1
708	10	504	37.9782	89.4974	-290.2	QAL	5.27	1.13	1.23	0.0	0.0	4.282	1406.	45.	8.	765.4	25.4	1
709	10	512	37.9783	89.4966	-291.7	QAL	5.02	1.54	0.97	0.0	0.0	5.195	1407.	35.	7.	765.4	25.4	1
710	10	516	37.9783	89.4959	-291.2	QAL	7.00	0.36	1.39	0.0	0.0	5.024	1382.	45.	10.	764.3	25.4	1
711	0	520	37.9782	89.4952	-291.2	QAL	6.99	2.60	0.56	0.372	4.606	12.384	1381.	42.	6.	763.8	25.4	1
712	10	516	37.9782	89.4944	-290.2	QAL	5.84	0.69	1.25	0.0	0.0	4.681	1374.	28.	6.	765.4	25.5	1
713	10	508	37.9782	89.4937	-289.2	PPS	7.72	1.40	1.35	0.0	0.0	5.738	1441.	32.	6.	766.4	25.4	1
714	10	500	37.9782	89.4930	-289.2	PPS	7.14	1.47	1.02	0.0	0.0	6.967	1342.	37.	6.	765.4	25.3	1
715	0	492	37.9782	89.4922	-289.0	PPS	6.72	2.43	1.13	0.361	2.150	5.950	1525.	33.	4.	763.8	25.4	1
716	0	488	37.9782	89.4914	-288.7	PPS	6.69	3.50	1.04	0.523	3.363	6.430	1551.	39.	1.	764.9	25.4	1
717	0	492	37.9782	89.4907	-289.2	PPS	6.87	2.46	1.15	0.358	2.142	5.982	1649.	34.	6.	766.9	25.4	1
718	0	492	37.9782	89.4900	-288.5	PPS	6.21	2.50	1.30	0.403	1.930	4.787	1559.	41.	5.	765.9	25.4	1
719	0	488	37.9782	89.4893	-288.0	PPS	7.60	2.76	1.39	0.364	1.995	5.488	1573.	36.	5.	764.9	25.4	1
720	0	488	37.9782	89.4886	-288.2	PPS	6.09	4.76	1.09	0.782	4.361	5.576	1568.	36.	6.	766.4	25.4	1
721	0	484	37.9782	89.4877	-287.5	PPS	10.34	1.79	1.29	0.173	1.386	8.023	1576.	37.	2.	767.4	25.4	1
722	10	476	37.9781	89.4870	-288.0	PPS	10.10	0.57	1.13	0.0	0.0	8.916	1546.	49.	8.	765.4	25.4	1
723	0	476	37.9781	89.4863	-289.7	PPS	8.78	2.42	0.88	0.275	2.750	9.993	1480.	29.	4.	764.3	25.3	1
724	0	476	37.9781	89.4855	-287.2	PPS	4.52	2.69	1.21	0.596	2.222	3.729	1525.	33.	8.	766.4	25.3	1
725	0	476	37.9781	89.4848	-288.5	PPS	5.80	2.13	1.11	0.367	1.918	5.222	1527.	36.	8.	767.4	25.4	1
726	0	480	37.9781	89.4841	-289.2	PPS	7.07	3.26	1.08	0.461	3.030	6.570	1532.	46.	3.	766.4	25.4	1
727	10	480	37.9781	89.4834	-287.5	PPS	6.66	0.54	1.01	0.0	0.0	6.616	1363.	40.	10.	765.4	25.3	1
728	0	484	37.9781	89.4827	-287.0	PPS	10.34	2.33	1.13	0.225	2.065	9.157	1529.	46.	8.	765.4	25.4	1
729	0	484	37.9781	89.4819	-285.5	PPS	8.18	3.82	0.87	0.467	4.408	9.444	1519.	35.	3.	766.4	25.4	1
730	0	488	37.9781	89.4813	-285.5	PPS	6.30	2.99	1.17	0.474	2.549	5.373	1561.	47.	6.	766.4	25.4	1
731	10	492	37.9781	89.4806	-287.5	PPS	6.67	0.85	1.31	0.0	0.0	5.08	1478.	33.	9.	764.9	25.4	1
732	0	500	37.9781	89.4799	-289.2	PPS	7.89	1.92	1.21	0.244	1.587	6.515	1543.	41.	5.	764.9	25.5	1
733	0	504	37.9781	89.4792	-288.5	PPS	7.72	2.57	0.84	0.334	3.052	9.149	1458.	42.	3.	766.9	25.5	1
734	0	508	37.9781	89.4784	-287.0	PPS	8.61	3.37	0.92	0.392	3.683	9.404	1537.	34.	3.	765.9	25.5	1
735	0	508	37.9781	89.4778	-287.0	PPS	6.45	1.86	1.12	0.289	1.660	5.753	1461.	40.	4.	764.3	25.4	1
736	0	508	37.9781	89.4771	-288.0	PPS	5.44	3.14	0.82	0.576	3.816	6.620	1536.	41.	6.	765.4	25.4	1
737	0	504	37.9781	89.4764	-288.7	PPS	6.52	2.30	0.86	0.353	2.665	7.540	1490.	41.	6.	767.4	25.4	1
738	0	496	37.9781	89.4757	-288.5	PPS	9.54	1.99	1.03	0.208	1.924	9.234	1529.	33.	7.	766.4	25.4	1
739	0	492	37.9781	89.4751	-288.5	PPS	6.29	3.07	0.85	0.488	3.607	7.395	1506.	33.	9.	764.3	25.4	1
740	0	488	37.9781	89.4743	-288.7	PPS	7.29	2.86	0.81	0.393	3.521	8.963	1500.	33.	8.	764.3	25.5	1
741	0	492	37.9781	89.4736	-287.2	PPS	6.04	3.62	0.86	0.600	4.200	6.994	1533.	43.	7.	766.4	25.5	1
742	10	496	37.9781	89.4729	-287.0	PPS	7.77	1.61	1.19	0.0	0.0	6.502	1501.	43.	9.	765.9	25.6	1

* TAGS *			LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
743	0	500	37.9781	89.4722	-289.0	PPS	8.42	1.97	1.06	0.234	1.863	7.958	1574.	46.	7.	764.9	25.5	1
744	0	508	37.9781	89.4716	-288.7	PPS	7.86	2.83	0.84	0.360	3.352	9.301	1491.	42.	9.	764.9	25.5	1
745	10	512	37.9781	89.4709	-287.7	PPS	9.13	1.27	1.16	0.0	0.0	7.874	1595.	33.	8.	764.9	25.6	1
746	10	516	37.9781	89.4702	-288.7	PPS	5.91	1.67	0.95	0.0	0.0	6.192	1456.	45.	8.	764.9	25.6	1
747	0	528	37.9781	89.4695	-289.2	PPS	7.79	2.86	0.79	0.367	3.624	9.874	1527.	28.	7.	764.3	25.6	1
748	0	540	37.9781	89.4687	-289.5	PPS	6.29	3.13	1.09	0.499	2.885	5.787	1470.	29.	4.	764.3	25.6	1
749	0	540	37.9781	89.4681	-289.0	PPS	7.74	1.97	1.08	0.254	1.828	7.183	1336.	46.	7.	766.4	25.5	1
750	0	540	37.9781	89.4673	-289.5	PPS	6.24	3.46	0.79	0.554	4.382	7.906	1490.	43.	7.	765.4	25.5	1
751	0	536	37.9781	89.4667	-290.7	PPS	6.96	3.02	0.95	0.433	3.167	7.307	1467.	50.	4.	763.8	25.5	1
752	0	536	37.9781	89.4660	-291.7	PPS	7.37	2.77	0.96	0.376	2.891	7.685	1504.	27.	6.	764.3	25.6	1
753	10	536	37.9781	89.4653	-290.7	PPS	8.33	-0.10	1.29	0.0	0.0	6.441	1543.	35.	8.	765.9	25.5	1
754	0	536	37.9781	89.4646	-290.0	PPS	5.41	3.50	0.78	0.647	4.517	6.979	1543.	30.	10.	766.4	25.6	1
755	0	536	37.9781	89.4639	-291.2	PPS	7.95	4.16	0.89	0.523	4.659	8.906	1569.	46.	3.	764.3	25.5	1
756	0	536	37.9781	89.4632	-292.5	PPS	7.27	2.58	0.95	0.355	2.721	7.673	1550.	27.	3.	762.8	25.5	1
757	0	532	37.9781	89.4625	-290.5	PPS	5.68	3.39	1.37	0.596	2.475	4.151	1475.	40.	3.	764.3	25.4	1
758	0	532	37.9781	89.4618	-291.0	PPS	7.17	3.67	0.89	0.512	4.127	8.055	1530.	39.	4.	765.4	25.4	1
759	10	532	37.9781	89.4611	-291.5	PPS	10.56	1.82	1.01	0.0	0.0	10.428	1490.	40.	4.	765.4	25.4	1
760	10	528	37.9781	89.4604	-292.0	PPS	9.68	1.00	1.09	0.0	0.0	8.903	1535.	44.	7.	763.8	25.4	1
761	0	524	37.9781	89.4598	-290.7	PPS	7.87	2.69	1.14	0.342	2.362	6.902	1580.	31.	6.	764.3	25.4	1
762	0	524	37.9781	89.4590	-292.0	PPS	7.74	2.14	1.24	0.276	1.723	6.231	1632.	38.	6.	765.9	25.4	1
763	0	516	37.9781	89.4584	-292.0	PPS	6.30	3.80	1.30	0.603	2.918	4.841	1576.	52.	2.	765.9	25.4	1
764	0	516	37.9781	89.4576	-291.2	PPS	7.76	2.95	1.33	0.380	2.221	5.839	1706.	36.	8.	765.4	25.4	1
765	0	512	37.9781	89.4569	-291.7	QAL	8.80	3.31	1.31	0.376	2.527	6.711	1671.	35.	5.	764.3	25.4	1
766	10	512	37.9781	89.4563	-292.2	QAL	9.54	0.35	1.19	0.0	0.0	7.988	1689.	35.	10.	765.4	25.4	1
767	0	512	37.9781	89.4556	-292.7	QAL	8.28	3.02	0.75	0.365	4.010	10.993	1610.	35.	9.	766.9	25.4	1
768	0	512	37.9781	89.4549	-292.0	QAL	6.11	4.08	1.45	0.668	2.806	4.202	1659.	34.	8.	765.4	25.4	1
769	10	508	37.9781	89.4542	-292.0	QAL	8.56	0.46	1.29	0.0	0.0	6.655	1673.	36.	9.	764.3	25.4	1
770	0	504	37.9781	89.4535	-292.0	QAL	8.62	2.46	1.07	0.286	2.294	8.026	1598.	52.	10.	765.9	25.4	1
771	0	500	37.9781	89.4528	-292.5	QAL	6.96	2.09	1.33	0.300	1.572	5.233	1623.	35.	10.	766.9	25.4	1
772	0	500	37.9781	89.4520	-291.7	QAL	5.71	2.32	1.03	0.406	2.245	5.531	1568.	43.	11.	766.9	25.4	1
773	0	500	37.9781	89.4514	-291.5	QAL	5.89	2.58	0.86	0.439	3.015	6.874	1518.	34.	8.	765.9	25.4	1
774	10	496	37.9781	89.4507	-292.2	QAL	7.58	1.49	1.20	0.0	0.0	6.295	1546.	39.	11.	764.3	25.4	1
775	0	492	37.9781	89.4500	-293.0	QAL	6.58	3.74	1.10	0.569	3.414	6.004	1565.	35.	5.	766.4	25.4	1
776	0	488	37.9781	89.4493	-292.5	QAL	5.97	2.33	1.26	0.391	1.847	4.726	1551.	44.	6.	768.5	25.4	1
777	0	484	37.9781	89.4487	-293.2	QAL	9.06	1.80	1.12	0.198	1.608	8.106	1537.	38.	5.	766.4	25.4	1
778	0	480	37.9781	89.4479	-291.2	QAL	6.64	3.49	0.91	0.526	3.841	7.296	1537.	34.	5.	765.4	25.5	1
779	0	472	37.9781	89.4472	-290.2	QAL	5.93	2.54	1.40	0.428	1.812	4.232	1463.	36.	2.	766.4	25.5	1
780	0	464	37.9781	89.4465	-291.7	QAL	6.36	2.74	1.04	0.431	2.635	6.120	1416.	42.	8.	768.5	25.5	1
781	0	460	37.9781	89.4458	-291.5	QAL	7.92	2.17	1.14	0.274	1.908	6.971	1400.	37.	3.	768.5	25.5	1
782	0	452	37.9781	89.4452	-290.7	QAL	7.16	2.81	1.11	0.392	2.524	6.431	1492.	41.	6.	766.4	25.5	1
783	0	448	37.9781	89.4445	-290.2	QAL	5.82	3.77	0.77	0.648	4.862	7.507	1450.	42.	4.	765.4	25.6	1
784	0	444	37.9781	89.4437	-290.5	QAL	5.83	2.11	1.10	0.362	1.913	5.288	1446.	35.	8.	767.4	25.6	1
785	0	452	37.9781	89.4431	-290.0	QAL	4.69	3.04	1.20	0.648	2.542	3.924	1471.	39.	5.	768.5	25.6	1
786	0	456	37.9781	89.4423	-290.0	QAL	6.01	3.18	1.25	0.529	2.542	4.801	1462.	43.	7.	767.4	25.6	1
787	0	420	37.9781	89.4417	-289.7	QAL	5.40	4.11	0.96	0.761	4.267	5.605	1389.	35.	6.	765.4	25.6	1
788	10	428	37.9781	89.4410	-290.0	QAL	7.98	1.44	1.10	0.0	0.0	7.281	1348.	43.	7.	766.4	25.6	1
789	10	440	37.9781	89.4403	-291.7	QAL	7.36	0.94	1.16	0.0	0.0	6.331	1387.	38.	6.	767.4	25.6	1
790	0	472	37.9781	89.4396	-290.2	QAL	7.08	2.82	0.78	0.398	3.627	9.103	1398.	36.	5.	767.4	25.7	1
791	10	480	37.9781	89.4388	-291.0	QAL	7.71	0.27	0.81	0.0	0.0	9.462	1407.	34.	9.	766.4	25.8	1
792	10	484	37.9781	89.4382	-290.2	QAL	7.43	1.13	1.08	0.0	0.0	6.886	1455.	32.	2.	766.4	25.8	1
793	0	464	37.9781	89.4375	-289.5	QAL	7.71	2.07	1.04	0.269	1.992	7.398	1310.	34.	1.	767.4	25.7	1
794	0	452	37.9781	89.4368	-290.0	QAL	6.33	1.99	1.13	0.315	1.761	5.592	1245.	41.	0.	767.4	25.7	1
795	0	452	37.9781	89.4361	-290.5	QAL	5.58	2.97	0.83	0.533	3.595	6.751	1303.	34.	1.	766.4	25.6	1

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
796	0	448	37.9781	89.4354	-291.0	QAL	6.20	2.48	0.77	0.400	3.203	8.016	1237.	33.	3.	765.4	25.6	1
797	0	440	37.9781	89.4347	-289.7	QAL	4.50	2.14	1.23	0.476	1.739	3.657	1377.	38.	3.	766.4	25.6	1
798	0	452	37.9781	89.4340	-289.7	QAL	5.88	2.50	1.08	0.426	2.315	5.441	1341.	43.	6.	767.4	25.6	1
799	0	488	37.9781	89.4333	-289.0	QAL	6.41	2.11	1.15	0.328	1.826	5.561	1487.	45.	5.	766.4	25.5	1
800	0	484	37.9781	89.4326	-287.2	QAL	6.28	2.57	1.26	0.409	2.029	4.961	1529.	34.	4.	764.9	25.5	1
801	10	484	37.9781	89.4320	-289.2	QAL	8.38	1.11	1.39	0.0	0.0	6.012	1531.	41.	6.	765.9	25.5	1
802	0	484	37.9781	89.4312	-289.5	QAL	6.38	2.27	1.33	0.355	1.709	4.808	1588.	47.	6.	768.0	25.5	1
803	0	484	37.9781	89.4305	-288.2	QAL	7.55	2.73	0.95	0.362	2.881	7.953	1472.	30.	6.	767.4	25.5	1
804	10	488	37.9781	89.4299	-286.7	QAL	7.35	1.66	1.19	0.0	0.0	6.157	1532.	37.	6.	765.4	25.5	1
805	0	484	37.9781	89.4291	-286.2	QAL	6.52	2.44	1.13	0.375	2.170	5.792	1456.	38.	6.	766.4	25.5	1
806	0	484	37.9781	89.4285	-286.2	QAL	5.37	2.60	1.32	0.484	1.969	4.066	1503.	30.	3.	767.4	25.5	1
807	0	480	37.9781	89.4277	-286.7	QAL	8.61	3.17	1.35	0.368	2.340	6.359	1651.	30.	6.	767.4	25.5	1
808	0	476	37.9781	89.4271	-286.2	QAL	7.18	2.06	1.15	0.287	1.797	6.257	1593.	44.	6.	766.4	25.5	1
809	0	476	37.9781	89.4264	-286.5	QAL	8.06	3.90	1.17	0.483	3.338	6.910	1615.	44.	5.	766.4	25.5	1
810	0	480	37.9781	89.4257	-286.2	QAL	7.32	2.27	1.26	0.310	1.802	5.815	1641.	38.	8.	767.4	25.5	1
811	0	480	37.9781	89.4250	-287.7	QAL	7.70	2.52	0.98	0.327	2.580	7.887	1525.	43.	7.	768.5	25.5	1
812	0	476	37.9781	89.4243	-286.5	QAL	8.02	2.19	1.11	0.273	1.968	7.221	1568.	44.	7.	768.5	25.5	1
813	0	476	37.9781	89.4236	-285.5	PPS	7.55	3.45	1.22	0.458	2.829	6.181	1638.	34.	4.	765.4	25.5	1
814	10	472	37.9781	89.4229	-284.2	PPS	9.87	1.58	1.11	0.0	0.0	8.850	1643.	33.	4.	765.4	25.5	1
815	0	468	37.9781	89.4222	-284.5	PPS	8.06	3.24	1.28	0.403	2.540	6.310	1651.	33.	5.	767.4	25.5	1
816	0	460	37.9781	89.4215	-284.7	PPS	7.86	2.22	1.29	0.282	1.716	6.076	1633.	46.	6.	768.5	25.4	1
817	0	452	37.9781	89.4208	-283.7	PPS	5.95	5.44	0.76	0.914	7.129	7.798	1630.	23.	5.	766.4	25.4	1
818	0	444	37.9781	89.4201	-283.5	PPS	8.61	2.89	0.95	0.335	3.035	9.046	1594.	34.	5.	765.4	25.5	1
819	0	440	37.9781	89.4194	-283.5	PPS	9.22	1.86	0.99	0.202	1.874	9.284	1595.	38.	9.	766.4	25.4	1
820	0	436	37.9781	89.4188	-282.2	PPS	9.02	2.00	1.13	0.222	1.770	7.979	1618.	31.	6.	768.5	25.5	1
821	0	436	37.9781	89.4180	-282.7	PPS	8.57	1.77	1.19	0.207	1.497	7.227	1573.	58.	8.	768.5	25.5	1
822	0	440	37.9781	89.4173	-283.5	PPS	5.99	2.22	1.26	0.370	1.764	4.764	1513.	43.	9.	766.4	25.5	1
823	10	440	37.9781	89.4167	-283.0	PPS	8.34	0.59	1.00	0.0	0.0	8.350	1552.	27.	13.	765.4	25.6	1
824	10	448	37.9780	89.4159	-281.7	PPS	8.60	1.61	1.13	0.0	0.0	7.637	1529.	40.	12.	767.4	25.6	1
825	10	452	37.9780	89.4153	-281.7	PPS	7.07	0.32	1.29	0.0	0.0	5.485	1468.	42.	12.	768.5	25.6	1
826	0	452	37.9781	89.4146	-281.2	PPS	7.41	2.65	1.08	0.358	2.446	6.839	1454.	46.	13.	767.4	25.6	1
827	0	448	37.9781	89.4139	-281.7	PPS	6.37	2.26	1.10	0.355	2.063	5.812	1478.	48.	11.	765.4	25.6	1
828	0	448	37.9781	89.4132	-282.0	PPS	6.57	2.24	0.99	0.342	2.274	6.658	1564.	52.	11.	766.4	25.7	1
829	10	448	37.9781	89.4124	-279.2	PPS	8.07	1.52	0.89	0.0	0.0	9.032	1474.	40.	11.	767.4	25.7	1
830	0	448	37.9781	89.4118	-278.5	PPS	5.70	3.73	1.19	0.655	3.124	4.770	1549.	29.	10.	767.4	25.7	1
831	0	452	37.9781	89.4111	-278.2	PPS	7.33	4.70	0.69	0.642	6.774	10.553	1427.	42.	6.	765.4	25.7	1
832	0	452	37.9781	89.4104	-277.7	PPCA-1	7.09	1.93	1.05	0.272	1.831	6.723	1539.	46.	10.	765.4	25.6	1
833	0	448	37.9781	89.4097	-277.5	PPCA-1	6.26	2.71	0.87	0.433	3.102	7.160	1472.	50.	8.	766.4	25.6	1
834	10	448	37.9781	89.4089	-277.2	PPCA-1	7.06	1.63	1.01	0.0	0.0	7.018	1602.	47.	9.	767.4	25.6	1
835	0	448	37.9781	89.4083	-275.5	PPCA-1	8.05	3.24	0.80	0.402	4.048	10.065	1484.	32.	7.	767.4	25.7	1
836	0	448	37.9781	89.4076	-274.7	PPCA-1	7.30	2.51	0.87	0.344	2.893	8.401	1534.	31.	12.	765.4	25.7	1
837	10	456	37.9781	89.4069	-274.7	PPCA-1	7.13	1.39	0.91	0.0	0.0	7.883	1519.	41.	12.	764.9	25.8	1
838	0	468	37.9781	89.4062	-273.2	PPCA-1	6.53	2.69	0.91	0.412	2.958	7.182	1562.	41.	10.	766.9	25.8	1
839	0	476	37.9781	89.4055	-274.7	PPCA-1	7.32	1.82	0.99	0.248	1.832	7.373	1480.	37.	11.	766.9	25.8	1
840	0	484	37.9781	89.4048	-274.2	PPCA-1	7.73	2.20	1.20	0.285	1.834	6.430	1567.	32.	10.	765.4	25.9	1
841	10	488	37.9780	89.4041	-272.0	PPCA-1	6.32	1.76	1.03	0.0	0.0	6.127	1396.	47.	13.	765.4	25.9	1
842	0	488	37.9780	89.4034	-271.2	PPCA-1	5.96	3.72	0.94	0.623	3.958	6.353	1504.	46.	6.	766.4	25.8	1
843	10	488	37.9780	89.4027	-272.0	PPCA-1	6.85	0.84	1.10	0.0	0.0	6.210	1419.	36.	9.	767.4	25.7	1
844	0	480	37.9780	89.4021	-269.0	PPCA-1	6.65	2.78	1.06	0.417	2.628	6.298	1600.	25.	6.	766.4	25.7	1
845	0	476	37.9780	89.4014	-267.5	PPCA-1	8.44	3.18	0.87	0.376	3.664	9.735	1557.	38.	5.	765.4	25.6	1
846	0	468	37.9780	89.4007	-269.0	PPCA-1	9.04	2.13	1.10	0.235	1.940	8.240	1613.	39.	5.	766.4	25.6	1
847	0	468	37.9781	89.4000	-268.0	PPCA-1	7.71	1.95	1.05	0.253	1.856	7.344	1519.	34.	6.	767.4	25.6	1
848	0	468	37.9781	89.3992	-265.7	PPCA-1	8.25	2.73	1.22	0.331	2.245	6.787	1589.	38.	9.	766.4	25.6	1

CP9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
849	10	468	37.9781	89.3986	-264.2	PPCA-1	8.66	0.19	1.46	0.0	0.0	5.943	1621.	35.	8.	765.9	25.7	1
850	0	468	37.9781	89.3979	-264.0	PPCA-1	6.70	2.46	1.06	0.368	2.330	6.338	1470.	46.	7.	768.0	25.7	1
851	0	468	37.9781	89.3972	-261.7	PPCA-1	6.28	2.77	1.34	0.441	2.058	4.671	1660.	42.	9.	769.0	25.7	1
852	0	468	37.9781	89.3965	-262.0	PPCA-1	7.31	3.55	0.95	0.485	3.740	7.706	1638.	29.	6.	768.0	25.7	1
853	0	468	37.9781	89.3958	-260.2	PPCA-1	8.32	2.65	1.08	0.318	2.442	7.673	1662.	51.	3.	765.9	25.6	1
854	10	464	37.9781	89.3951	-258.2	PPCA-1	11.75	0.45	1.34	0.0	0.0	8.771	1590.	28.	3.	765.9	25.7	1
855	0	464	37.9781	89.3943	-258.7	PPCA-1	5.52	3.05	1.21	0.552	2.518	4.561	1578.	50.	5.	767.4	25.7	1
856	0	468	37.9781	89.3938	-257.2	PPCA-1	7.11	2.99	1.03	0.421	2.904	6.899	1555.	38.	6.	767.4	25.8	1
857	0	472	37.9780	89.3930	-256.0	PPCA-1	5.60	4.44	1.19	0.793	3.722	4.693	1594.	42.	7.	766.4	25.8	1
858	0	476	37.9780	89.3923	-254.5	PPCA-1	7.99	2.68	1.11	0.335	2.410	7.200	1562.	35.	6.	767.4	25.6	1
859	0	476	37.9780	89.3916	-254.2	PPCA-1	8.23	2.23	1.22	0.270	1.826	6.753	1566.	41.	7.	768.5	25.8	1
860	0	484	37.9780	89.3909	-252.2	PPCA-1	5.92	2.41	0.93	0.408	2.605	6.384	1544.	48.	12.	767.4	25.8	1
861	10	488	37.9780	89.3902	-249.7	PPCA-1	7.55	0.82	1.21	0.0	0.0	6.227	1621.	44.	15.	766.4	25.7	1
862	10	488	37.9780	89.3895	-249.5	PPCA-1	9.06	0.75	1.18	0.0	0.0	7.665	1598.	43.	12.	767.4	25.7	1
863	10	484	37.9780	89.3889	-247.2	PPCA-1	7.14	0.43	1.37	0.0	0.0	5.215	1610.	32.	16.	769.0	25.7	1
864	0	480	37.9780	89.3881	-243.7	PPCA-1	5.67	1.84	1.34	0.325	1.373	4.232	1623.	35.	14.	768.0	25.7	1
865	0	476	37.9780	89.3875	-242.7	PPCA-1	6.28	2.47	1.26	0.393	1.964	5.003	1706.	29.	8.	766.4	25.7	1
866	0	476	37.9780	89.3868	-242.7	PPCA-1	8.67	3.29	1.08	0.380	3.038	7.995	1596.	37.	8.	767.4	25.7	1
867	0	480	37.9780	89.3860	-241.7	PPCA-1	6.97	3.32	1.25	0.476	2.655	5.578	1605.	43.	5.	768.0	25.7	1
868	10	480	37.9781	89.3854	-241.7	PPCA-1	6.47	0.75	1.45	0.0	0.0	4.462	1566.	35.	7.	765.9	25.8	1
869	0	484	37.9781	89.3847	-241.0	PPCA-1	8.86	3.64	1.23	0.411	2.954	7.192	1669.	31.	0.	765.9	25.8	1
870	0	488	37.9781	89.3840	-238.2	PPCA-1	7.98	4.16	0.87	0.522	4.798	9.196	1657.	34.	4.	768.0	25.9	1
871	0	492	37.9781	89.3833	-237.0	PPCA-1	7.30	2.30	1.11	0.315	2.072	6.567	1622.	42.	1.	767.4	25.9	1
872	0	492	37.9781	89.3826	-236.5	PPCA-1	6.04	2.52	1.61	0.418	1.569	3.759	1619.	41.	5.	766.4	25.9	1
873	0	492	37.9780	89.3819	-234.2	PPCA-1	8.35	3.73	1.44	0.447	2.593	5.805	1656.	37.	0.	766.9	25.9	1
874	10	488	37.9780	89.3812	-234.0	PPCA-1	8.61	1.25	1.17	0.0	0.0	7.332	1673.	32.	2.	768.0	25.8	1
875	0	484	37.9780	89.3805	-232.5	PPCA-1	8.97	3.46	1.04	0.385	3.310	8.590	1718.	31.	4.	766.4	25.8	1
876	0	484	37.9780	89.3798	-230.5	PPCA-1	8.51	2.70	1.28	0.317	2.102	6.630	1713.	39.	4.	765.4	25.8	1
877	0	480	37.9780	89.3792	-230.0	PPCA-1	7.90	3.12	1.31	0.395	2.391	6.054	1841.	41.	3.	767.4	25.7	1
878	0	476	37.9780	89.3784	-228.0	PPCA-1	5.85	3.07	1.39	0.524	2.209	4.216	1752.	36.	3.	768.5	25.7	1
879	0	472	37.9780	89.3777	-227.5	PPCA-1	9.25	2.62	1.25	0.284	2.104	7.419	1691.	44.	5.	766.4	25.7	1
880	0	472	37.9780	89.3770	-227.2	PPCA-1	5.33	2.34	1.56	0.440	1.505	3.422	1760.	39.	7.	766.4	25.7	1
881	0	472	37.9780	89.3763	-225.0	PPCA-1	6.77	2.43	1.24	0.359	1.959	5.453	1704.	38.	6.	768.5	25.6	1
882	0	468	37.9780	89.3757	-224.7	PPCA-1	9.18	3.51	1.53	0.383	2.299	6.011	1686.	32.	3.	768.5	25.6	1
883	0	464	37.9780	89.3750	-224.5	PPCA-1	9.11	2.35	1.49	0.258	1.578	6.106	1769.	31.	8.	766.4	25.6	1
884	0	460	37.9780	89.3742	-222.5	PPCA-1	7.16	3.47	1.51	0.485	2.302	4.750	1733.	39.	8.	768.0	25.6	1
885	0	456	37.9780	89.3736	-220.5	PPCA-1	8.91	2.58	1.62	0.290	1.592	5.492	1827.	42.	4.	769.0	25.6	1
886	0	456	37.9780	89.3728	-219.5	PPCA-1	7.58	2.25	1.55	0.297	1.451	4.891	1827.	28.	11.	766.9	25.6	1
887	0	452	37.9780	89.3722	-217.7	PPCA-1	7.91	2.66	1.26	0.336	2.108	6.269	1729.	31.	8.	766.4	25.6	1
888	0	456	37.9781	89.3715	-214.7	PPCA-1	10.73	2.19	1.14	0.204	1.917	9.394	1705.	36.	6.	768.5	25.6	1
889	0	456	37.9780	89.3708	-211.2	PPCA-1	9.81	2.39	1.34	0.243	1.784	7.336	1781.	31.	3.	768.0	25.7	1
890	0	456	37.9780	89.3701	-209.7	PPCA-1	8.58	1.73	1.61	0.202	1.073	5.313	1709.	29.	2.	766.9	25.6	1
891	0	456	37.9780	89.3693	-208.2	PPCA-1	7.54	3.71	0.92	0.492	4.041	8.209	1716.	40.	5.	768.0	25.6	1
892	0	456	37.9780	89.3687	-207.0	PPCA-1	8.71	2.74	1.36	0.315	2.013	6.390	1688.	43.	4.	769.0	25.6	1
893	0	456	37.9780	89.3680	-203.2	PPCA-1	7.82	3.09	1.35	0.394	2.279	5.779	1698.	42.	6.	768.5	25.7	1
894	0	448	37.9780	89.3673	-201.0	PPCA-1	7.72	2.79	1.45	0.361	1.927	5.337	1625.	50.	4.	767.4	25.7	1
895	0	444	37.9780	89.3666	-198.5	PPCA-1	9.36	1.96	1.24	0.210	1.583	7.542	1574.	27.	5.	767.4	25.7	1
896	0	448	37.9780	89.3659	-199.0	PPCA-1	6.71	1.68	1.01	0.250	1.660	6.641	1523.	35.	7.	768.5	25.7	1
897	0	452	37.9780	89.3652	-199.2	PPCA-1	7.37	2.39	1.07	0.324	2.242	6.911	1484.	34.	6.	767.4	25.7	1
898	0	452	37.9780	89.3645	-200.0	PPCA-1	7.74	4.83	1.19	0.623	4.054	6.503	1530.	32.	1.	766.4	25.7	1
899	0	460	37.9780	89.3639	-197.7	PPCA-1	9.14	2.03	1.09	0.222	1.855	8.352	1619.	34.	6.	768.5	25.7	1
900	0	468	37.9780	89.3631	-195.5	PPCA-1	5.93	3.15	1.08	0.531	2.915	5.491	1596.	43.	5.	769.5	25.7	1
901	0	464	37.9780	89.3625	-194.7	PPCA-1	7.98	2.59	1.16	0.325	2.227	6.859	1648.	27.	4.	767.4	25.7	1

CP9 1P 12

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
902	0	460	37.9780	89.3617	-194.7	PPCA-1	7.19	3.73	1.23	0.519	3.033	5.847	1616.	44.	2.	766.4	25.8	1
903	0	460	37.9780	89.3610	-192.0	PPCA-1	5.04	2.97	1.14	0.590	2.605	4.416	1617.	43.	2.	769.5	25.8	1
904	0	464	37.9780	89.3604	-190.0	PPCA-1	7.17	2.72	1.09	0.379	2.485	6.554	1714.	30.	0.	769.5	25.8	1
905	0	464	37.9780	89.3597	-188.2	PPCA-1	9.01	3.55	1.26	0.394	2.825	7.168	1620.	38.	0.	766.4	25.8	1
906	0	468	37.9780	89.3590	-186.7	PPCA-1	10.99	2.70	0.99	0.245	2.713	11.059	1745.	38.	0.	766.4	25.8	1
907	0	468	37.9780	89.3582	-185.7	PPCA-1	10.14	3.26	0.94	0.322	3.459	10.748	1720.	39.	0.	769.5	25.8	1
908	0	468	37.9780	89.3576	-185.5	PPCA-1	8.95	1.72	1.43	0.192	1.197	6.244	1685.	37.	0.	768.5	25.8	1
909	0	468	37.9780	89.3569	-183.7	PPCA-1	9.01	3.15	1.29	0.350	2.448	7.003	1616.	40.	0.	767.4	25.7	1
910	0	464	37.9780	89.3562	-181.2	PPCA-1	8.73	3.45	1.32	0.395	2.601	6.591	1690.	46.	0.	769.0	25.7	1
911	0	460	37.9780	89.3555	-180.2	PPCA-1	5.49	4.24	1.22	0.772	3.465	4.490	1705.	33.	2.	769.0	25.7	1
912	0	440	37.9780	89.3548	-179.2	PPCA-1	8.53	2.58	1.30	0.302	1.984	6.562	1665.	32.	0.	767.4	25.7	1
913	0	416	37.9780	89.3541	-178.7	PPCA-1	5.02	2.96	1.09	0.591	2.709	4.588	1467.	31.	4.	768.5	25.7	1
914	0	420	37.9780	89.3534	-176.2	PPCA-1	7.06	2.52	1.04	0.357	2.419	6.767	1526.	37.	4.	769.5	25.7	1
915	0	412	37.9780	89.3527	-174.7	PPCA-1	7.83	1.90	0.97	0.243	1.957	8.057	1389.	44.	9.	768.5	25.7	1
916	0	408	37.9780	89.3520	-173.7	PPCA-1	5.26	4.06	0.71	0.772	5.741	7.440	1404.	39.	6.	767.4	25.7	1
917	0	420	37.9780	89.3513	-171.5	QAL	8.53	1.85	1.04	0.217	1.777	8.202	1375.	44.	7.	768.5	25.7	1
918	10	412	37.9780	89.3506	-170.5	QAL	6.57	0.65	0.95	0.0	0.0	6.904	1291.	39.	9.	769.5	25.7	1
919	0	404	37.9780	89.3499	-169.2	QAL	6.24	2.81	0.67	0.450	4.215	9.377	1333.	36.	6.	768.5	25.6	1
920	10	416	37.9780	89.3493	-166.7	QAL	5.19	0.14	1.03	0.0	0.0	5.025	1274.	31.	11.	767.4	25.6	1
921	0	424	37.9780	89.3485	-165.0	QAL	6.25	2.42	0.91	0.387	2.668	6.891	1316.	32.	8.	768.5	25.6	1
922	10	436	37.9780	89.3478	-164.7	QAL	6.42	1.27	0.90	0.0	0.0	7.156	1329.	41.	9.	769.0	25.6	1
923	10	432	37.9780	89.3472	-162.5	QAL	5.43	1.35	1.04	0.0	0.0	5.201	1359.	35.	11.	768.0	25.6	1
924	0	424	37.9780	89.3464	-161.0	QAL	6.38	2.30	0.88	0.361	2.631	7.287	1410.	30.	5.	768.0	25.6	1
925	10	408	37.9780	89.3458	-159.7	QAL	5.45	1.10	1.04	0.0	0.0	5.239	1290.	41.	10.	769.5	25.6	1
926	0	412	37.9780	89.3451	-159.7	QAL	4.64	1.72	1.17	0.371	1.465	3.946	1286.	43.	9.	768.5	25.6	1
927	0	436	37.9780	89.3444	-157.5	QAL	4.60	1.64	0.98	0.356	1.674	4.701	1275.	32.	10.	767.4	25.6	1
928	0	440	37.9780	89.3437	-155.0	QAL	4.13	2.32	1.10	0.561	2.109	3.759	1303.	47.	4.	769.0	25.6	1
929	0	440	37.9780	89.3429	-152.5	QAL	4.83	3.07	1.01	0.635	3.050	4.801	1333.	42.	5.	769.0	25.7	1
930	0	428	37.9780	89.3423	-152.0	QAL	4.56	3.60	0.89	0.790	4.026	5.099	1288.	33.	4.	767.4	25.7	1
931	0	444	37.9780	89.3416	-148.5	PPCA-1	5.04	3.51	0.97	0.697	3.604	5.169	1414.	39.	4.	768.5	25.7	1
932	0	444	37.9780	89.3409	-147.7	PPCA-1	5.47	2.43	0.92	0.444	2.629	5.916	1333.	38.	4.	769.5	25.7	1
933	0	436	37.9780	89.3402	-147.2	PPCA-1	4.47	2.96	1.01	0.661	2.934	4.438	1382.	41.	5.	768.0	25.6	1
934	0	420	37.9780	89.3396	-146.2	PPCA-1	3.96	2.74	1.13	0.692	2.436	3.520	1306.	45.	7.	766.9	25.6	1
935	0	412	37.9780	89.3388	-145.7	PPCA-1	4.00	3.81	0.92	0.951	4.131	4.344	1344.	45.	6.	769.0	25.6	1
936	0	380	37.9780	89.3381	-144.2	PPCA-1	5.22	1.58	1.09	0.302	1.445	4.785	1355.	29.	10.	769.0	25.6	1
937	0	376	37.9780	89.3374	-140.5	PPCA-1	4.14	2.08	1.09	0.503	1.917	3.811	1244.	49.	11.	767.4	25.5	1
938	0	400	37.9780	89.3367	-139.2	PPCA-1	5.49	1.83	0.97	0.333	1.882	5.643	1228.	35.	10.	768.5	25.6	1
939	0	412	37.9780	89.3360	-138.5	PPCA-1	4.78	2.24	0.88	0.468	2.534	5.417	1095.	45.	12.	770.5	25.5	1
940	10	412	37.9780	89.3353	-136.7	PPCA-1	3.43	0.60	0.83	0.0	0.0	4.140	1034.	30.	14.	768.5	25.6	1
941	10	412	37.9780	89.3346	-135.7	PPCA-1	5.42	0.94	0.79	0.0	0.0	6.883	985.	40.	11.	767.4	25.6	1
942	10	412	37.9780	89.3339	-134.0	PPCA-1	5.12	0.77	0.60	0.0	0.0	8.534	1036.	35.	9.	769.5	25.6	1
943	10	412	37.9780	89.3332	-131.5	PPCA-1	3.45	1.29	0.80	0.0	0.0	4.315	1126.	48.	12.	769.5	25.6	1
944	10	416	37.9780	89.3326	-129.5	PPCA-1	3.79	0.96	1.22	0.0	0.0	3.100	1202.	43.	10.	766.4	25.6	1
945	0	416	37.9780	89.3318	-126.5	PPCA-1	5.31	2.21	0.94	0.416	2.362	5.682	1291.	37.	8.	767.4	25.7	1
946	0	416	37.9780	89.3312	-124.5	PPCA-1	5.15	2.28	1.05	0.443	2.172	4.900	1369.	39.	7.	770.5	25.7	1
947	0	404	37.9780	89.3305	-123.2	PPCA-1	5.74	1.47	1.07	0.256	1.368	5.350	1375.	30.	9.	769.5	25.7	1
948	0	420	37.9780	89.3297	-121.2	PPCA-1	6.06	3.01	0.96	0.497	3.143	6.319	1462.	31.	5.	766.4	25.7	1
949	0	420	37.9780	89.3291	-120.7	PPCA-1	6.36	3.85	1.01	0.606	3.823	6.310	1455.	46.	4.	768.5	25.5	1
950	0	416	37.9780	89.3284	-118.2	PPCA-1	5.27	3.51	1.13	0.667	3.119	4.679	1602.	39.	3.	770.5	25.6	1
951	0	416	37.9780	89.3277	-115.5	PPCA-1	5.18	2.66	1.24	0.513	2.146	4.182	1627.	38.	5.	767.4	25.6	1
952	0	416	37.9780	89.3270	-114.0	PPCA-1	4.59	2.85	1.29	0.621	2.202	3.543	1623.	45.	3.	767.4	25.6	1
953	0	408	37.9780	89.3263	-111.8	PPCA-1	6.15	2.91	1.12	0.474	2.605	5.500	1642.	38.	4.	769.5	25.6	1
954	0	400	37.9779	89.3256	-110.0	PPCA-1	6.87	4.01	0.94	0.584	4.261	7.295	1555.	36.	4.	769.5	25.6	1

CP9 1P 12

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
955	0	364	37.9779	89.3250	-107.3	PPCA-1	4.83	2.68	1.07	0.555	2.500	4.506	1472.	39.	6.	768.5	25.6	1
956	0	348	37.9779	89.3243	-105.8	PPCA-1	4.55	2.50	0.98	0.551	2.544	4.618	1298.	52.	6.	767.4	25.6	1
957	0	348	37.9779	89.3237	-103.8	PPCA-1	4.65	1.95	1.12	0.420	1.739	4.141	1404.	50.	8.	769.5	25.6	1
958	0	336	37.9779	89.3230	-102.8	PPCA-1	4.57	3.56	0.97	0.778	3.659	4.703	1326.	35.	8.	770.5	25.7	1
959	10	344	37.9779	89.3223	-101.8	PPCA-1	7.08	0.65	0.97	0.0	0.0	7.297	1327.	35.	9.	768.0	25.7	1
960	10	340	37.9780	89.3217	-98.3	PPCA-1	7.13	1.25	0.87	0.0	0.0	8.241	1265.	44.	5.	766.9	25.8	1
961	0	336	37.9780	89.3210	-95.8	PPCA-1	5.38	2.43	0.94	0.451	2.580	5.724	1239.	37.	8.	770.0	25.8	1
962	0	336	37.9780	89.3203	-93.8	PPCA-1	3.86	1.82	0.79	0.472	2.318	4.911	1147.	36.	9.	769.5	25.8	1
963	0	340	37.9780	89.3197	-91.8	PPCA-1	3.53	2.12	0.72	0.602	2.933	4.874	1134.	36.	5.	766.4	25.8	1
964	10	352	37.9780	89.3190	-88.8	PPCA-1	5.31	1.01	0.87	0.0	0.0	6.121	1060.	26.	7.	767.4	25.8	1
965	0	384	37.9780	89.3184	-86.8	PPCA-1	5.88	1.46	0.81	0.248	1.808	7.278	1148.	36.	2.	769.5	25.8	1
966	0	432	37.9780	89.3177	-86.0	PPCA-1	6.97	1.84	0.74	0.264	2.484	9.393	1247.	35.	4.	767.4	25.8	1
967	0	392	37.9780	89.3170	-83.5	PPCA-1	7.14	2.77	0.63	0.388	4.408	11.369	1293.	27.	3.	765.9	25.7	1
968	0	408	37.9780	89.3164	-80.5	PPCA-1	6.78	2.33	0.99	0.344	2.364	6.878	1416.	51.	3.	768.0	25.8	1
969	0	420	37.9780	89.3157	-79.0	PPCA-1	6.36	4.27	1.12	0.671	3.827	5.705	1606.	29.	5.	768.5	25.7	1
970	0	420	37.9780	89.3150	-76.5	PPCA-1	6.56	3.39	0.86	0.516	3.952	7.660	1563.	30.	4.	766.4	25.7	1
971	10	420	37.9780	89.3143	-73.3	PPCA-1	7.09	1.23	1.05	0.0	0.0	6.786	1555.	55.	7.	767.4	25.6	1
972	0	416	37.9780	89.3137	-72.0	PPCA-1	7.89	1.89	1.02	0.240	1.862	7.759	1610.	39.	10.	769.0	25.7	1
973	0	412	37.9780	89.3130	-69.5	PPCA-1	8.71	1.86	1.20	0.214	1.554	7.269	1709.	36.	6.	768.0	25.7	1
974	0	412	37.9780	89.3124	-67.8	PPCA-1	7.99	3.35	1.35	0.420	2.490	5.930	1737.	33.	9.	766.9	25.7	1
975	0	408	37.9780	89.3117	-65.5	PPCA-1	9.31	1.85	1.17	0.199	1.585	7.979	1725.	33.	9.	768.5	25.7	1
976	10	408	37.9780	89.3111	-64.0	PPCA-1	8.26	1.48	1.40	0.0	0.0	5.894	1662.	45.	9.	768.5	25.8	1
977	0	408	37.9780	89.3104	-61.0	PPCA-1	7.20	2.31	1.20	0.321	1.923	5.999	1695.	30.	8.	767.4	25.7	1
978	10	408	37.9780	89.3098	-57.3	PPCA-1	7.15	0.88	1.44	0.0	0.0	4.961	1678.	43.	10.	768.0	25.8	1
979	0	412	37.9780	89.3091	-57.5	PPCA-1	7.13	3.70	1.20	0.519	3.077	5.927	1661.	38.	6.	769.0	25.8	1
980	0	396	37.9780	89.3084	-55.3	PPCA-1	7.84	2.48	0.94	0.317	2.636	8.320	1470.	48.	4.	768.0	25.7	1
981	0	432	37.9780	89.3077	-51.5	PPCA-1	5.31	1.47	1.53	0.276	0.956	3.463	1601.	37.	7.	766.9	25.7	1
982	0	432	37.9780	89.3071	-50.8	PPCA-1	5.93	3.22	1.27	0.544	2.538	4.666	1586.	39.	2.	769.0	25.7	1
983	0	428	37.9780	89.3064	-49.5	PPCA-1	9.09	2.38	1.64	0.261	1.450	5.544	1641.	33.	4.	769.5	25.7	1
984	0	424	37.9780	89.3058	-48.0	PPCA-1	7.86	1.77	1.51	0.225	1.171	5.197	1602.	41.	2.	766.4	25.7	1
985	0	420	37.9780	89.3051	-44.5	PPCA-1	6.90	4.12	1.23	0.597	3.346	5.606	1670.	48.	0.	767.4	25.6	1
986	0	416	37.9780	89.3045	-44.3	PPCA-1	8.23	3.47	1.15	0.421	3.005	7.129	1631.	42.	2.	769.5	25.6	1
987	0	412	37.9780	89.3038	-43.3	PPCA-1	5.69	4.15	1.37	0.729	3.031	4.160	1704.	38.	3.	767.4	25.6	1
988	0	408	37.9780	89.3031	-39.8	PPCA-1	7.88	2.04	1.16	0.259	1.759	6.804	1694.	49.	4.	768.0	25.6	1
989	0	408	37.9780	89.3025	-37.5	PPCA-1	6.95	2.88	1.02	0.414	2.831	6.838	1602.	43.	5.	769.0	25.6	1
990	0	404	37.9780	89.3018	-35.5	PPCA-1	8.04	2.67	1.27	0.332	2.099	6.319	1801.	33.	1.	766.9	25.6	1
991	0	396	37.9780	89.3011	-32.5	PPCA-1	9.61	2.36	1.36	0.246	1.734	7.059	1721.	50.	3.	768.5	25.7	1
992	0	396	37.9780	89.3005	-32.5	PPCA-1	5.51	4.79	1.11	0.871	4.326	4.969	1631.	56.	4.	769.0	25.6	1
993	10	404	37.9780	89.2998	-31.3	PPCA-1	9.68	0.93	1.12	0.0	0.0	8.682	1653.	34.	7.	766.9	25.6	1
994	0	404	37.9780	89.2992	-27.5	PPCA-1	7.48	2.06	1.28	0.276	1.608	5.832	1671.	37.	10.	768.5	25.6	1
995	0	480	37.9780	89.2986	-25.0	PPCA-1	9.41	4.62	1.33	0.491	3.472	7.077	1953.	45.	6.	768.0	25.6	1
996	0	404	37.9780	89.2978	-23.5	PPCA-1	7.38	2.17	0.99	0.294	2.183	7.424	1651.	40.	13.	766.9	25.6	1
997	10	400	37.9780	89.2971	-22.8	PPCA-1	8.17	1.51	1.33	0.0	0.0	6.144	1585.	60.	9.	769.0	25.6	1
998	0	396	37.9780	89.2965	-20.8	PPCA-1	7.97	2.54	1.00	0.318	2.545	7.993	1605.	32.	9.	768.0	25.5	1
999	10	396	37.9780	89.2958	-18.8	PPCA-1	8.45	1.56	0.96	0.0	0.0	8.819	1605.	50.	10.	767.4	25.5	1
1000	0	392	37.9780	89.2952	-17.3	PPCA-1	7.17	4.35	0.93	0.607	4.664	7.677	1584.	43.	7.	769.0	25.5	1
1001	0	396	37.9780	89.2946	-15.3	PPCA-1	6.57	2.11	1.17	0.321	1.804	5.616	1550.	53.	8.	768.0	25.5	1
1002	0	392	37.9780	89.2939	-12.8	PPCA-1	5.66	2.41	0.95	0.425	2.531	5.954	1608.	31.	7.	768.5	25.5	1
1003	0	388	37.9780	89.2933	-10.8	PPCA-1	7.50	1.63	1.12	0.217	1.455	6.691	1619.	49.	7.	768.5	25.5	1
1004	10	384	37.9780	89.2925	-8.5	PPCA-1	8.99	1.03	1.21	0.0	0.0	7.456	1583.	44.	6.	768.0	25.5	1
1005	0	384	37.9780	89.2919	-6.8	PPCA-1	7.78	2.02	1.07	0.259	1.879	7.257	1599.	38.	6.	769.5	25.6	1
1006	0	384	37.9780	89.2912	-6.0	PPCA-1	8.75	3.22	1.17	0.368	2.746	7.467	1610.	34.	0.	768.5	25.6	1
1007	0	388	37.9780	89.2906	-3.8	PPCA-1	9.99	1.83	1.10	0.183	1.662	9.075	1631.	45.	4.	768.0	25.6	1

CP9 1P12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1008	0	384	37.9780	89.2899	-1.5	PPCA-1	8.03	2.69	1.10	0.335	2.442	7.299	1611.	44.	4.	769.0	25.6	1
1009	0	384	37.9780	89.2893	0.3	PPCA-1	9.78	2.84	1.20	0.290	2.373	8.175	1640.	25.	0.	768.0	25.6	1
1010	0	380	37.9780	89.2886	2.0	PPCA-1	7.69	1.67	1.11	0.217	1.503	6.933	1595.	36.	3.	768.5	25.6	1
1011	0	380	37.9781	89.2880	4.5	PPCA-1	8.89	2.92	1.12	0.328	2.610	7.947	1564.	40.	2.	769.5	25.5	1
1012	0	332	37.9781	89.2873	6.8	PPCA-1	5.92	2.80	0.91	0.474	3.069	6.475	1314.	61.	5.	766.9	25.6	1
1013	0	324	37.9781	89.2866	8.0	PPCA-1	5.91	2.93	0.65	0.495	4.499	9.083	1394.	36.	5.	768.0	25.6	1
1014	0	348	37.9781	89.2859	9.5	PPCA-1	6.90	2.81	1.00	0.408	2.826	6.926	1494.	38.	4.	769.5	25.5	1
1015	0	384	37.9781	89.2853	11.8	PPCA-1	9.75	3.01	0.77	0.308	3.922	12.723	1493.	64.	8.	767.4	25.6	1
1016	0	384	37.9781	89.2846	13.8	PPCA-1	8.84	1.58	1.10	0.179	1.439	8.038	1575.	41.	10.	768.5	25.6	1
1017	0	388	37.9781	89.2840	16.8	PPM	7.54	1.57	0.89	0.208	1.754	8.425	1518.	38.	10.	769.5	25.6	1
1018	10	388	37.9781	89.2833	20.5	PPM	8.91	1.47	1.03	0.0	0.0	8.695	1527.	28.	7.	768.5	25.6	1
1019	0	384	37.9781	89.2827	23.5	PPM	7.20	3.10	1.11	0.431	2.721	6.317	1564.	42.	4.	768.5	25.6	1
1020	10	384	37.9781	89.2820	25.3	PPM	9.63	1.22	0.96	0.0	0.0	10.060	1575.	41.	6.	768.5	25.6	1
1021	0	384	37.9781	89.2813	24.8	PPM	9.07	3.32	1.15	0.366	2.879	7.858	1635.	36.	0.	767.4	25.6	1
1022	0	388	37.9781	89.2807	24.8	PPM	6.86	3.08	1.17	0.448	2.642	5.892	1588.	35.	1.	768.5	25.6	1
1023	0	388	37.9781	89.2800	28.3	PPM	6.52	3.99	0.83	0.612	4.800	7.842	1498.	42.	0.	767.4	25.6	1
1024	0	392	37.9781	89.2793	31.0	PPM	8.18	2.72	1.04	0.333	2.628	7.903	1462.	37.	0.	767.4	25.6	1
1025	0	392	37.9781	89.2787	32.0	PPM	7.49	2.65	1.10	0.353	2.410	6.821	1540.	39.	0.	769.5	25.7	1
1026	0	396	37.9781	89.2780	32.8	PPM	6.21	3.83	0.99	0.617	3.851	6.239	1579.	32.	0.	767.4	25.7	1
1027	0	408	37.9781	89.2774	35.3	PPM	5.96	2.23	1.02	0.374	2.178	5.819	1525.	36.	0.	767.4	25.7	1
1028	0	420	37.9781	89.2767	37.3	PPM	8.35	2.34	1.02	0.281	2.298	8.186	1547.	36.	0.	769.5	25.7	1
1029	0	428	37.9781	89.2760	37.8	PPM	7.61	2.64	1.12	0.347	2.360	6.804	1527.	25.	1.	767.4	25.6	1
1030	0	436	37.9781	89.2754	38.5	PPM	7.70	2.20	0.96	0.286	2.293	8.011	1485.	31.	4.	767.4	25.6	1
1031	0	440	37.9781	89.2747	41.5	PPM	7.53	4.02	1.03	0.534	3.920	7.335	1453.	46.	1.	768.5	25.6	1
1032	0	440	37.9781	89.2740	44.5	PPM	7.80	2.59	0.96	0.332	2.707	8.164	1540.	37.	5.	767.4	25.5	1
1033	0	444	37.9781	89.2734	44.8	PPM	6.36	2.98	0.78	0.468	3.838	8.198	1496.	31.	5.	767.4	25.5	1
1034	0	440	37.9781	89.2727	44.8	PPM	5.97	3.16	1.05	0.530	3.024	5.707	1461.	39.	6.	767.4	25.5	1
1035	0	436	37.9781	89.2721	45.5	PPM	6.90	4.73	0.93	0.686	5.072	7.391	1575.	39.	1.	765.4	25.4	1
1036	0	432	37.9781	89.2714	45.8	PPM	6.42	3.26	1.01	0.507	3.236	6.381	1468.	41.	5.	767.4	25.5	1
1037	0	432	37.9781	89.2708	48.0	PPM	7.38	4.06	0.93	0.550	4.364	7.936	1516.	45.	2.	768.0	25.4	1
1038	0	432	37.9781	89.2701	49.8	PPCA-1	7.48	2.38	0.91	0.318	2.619	8.228	1512.	46.	5.	765.9	25.5	1
1039	0	440	37.9781	89.2694	49.3	PPCA-1	7.20	3.15	1.05	0.438	2.994	6.838	1533.	41.	4.	766.9	25.5	1
1040	0	448	37.9781	89.2687	50.8	PPCA-1	8.25	4.44	1.03	0.538	4.294	7.987	1560.	33.	0.	767.4	25.5	1
1041	0	452	37.9781	89.2681	50.5	PPCA-1	8.57	2.81	0.99	0.328	2.834	8.643	1544.	39.	2.	768.0	25.4	1
1042	10	464	37.9781	89.2674	50.3	PPCA-1	7.82	0.05	1.06	0.0	0.0	7.370	1511.	51.	3.	768.0	25.5	1
1043	0	472	37.9781	89.2668	51.3	PPCA-1	8.43	2.56	0.99	0.304	2.581	8.499	1492.	46.	3.	765.9	25.4	1
1044	10	480	37.9781	89.2661	52.0	PPCA-1	7.03	1.39	0.98	0.0	0.0	7.160	1504.	39.	5.	764.9	25.4	1
1045	0	484	37.9781	89.2655	52.5	PPCA-1	10.87	1.85	0.89	0.171	2.089	12.245	1613.	30.	3.	765.9	25.3	1
1046	0	480	37.9781	89.2648	52.3	PPCA-1	6.81	2.95	1.17	0.432	2.517	5.822	1478.	38.	1.	766.4	25.4	1
1047	10	476	37.9781	89.2641	54.3	PPCA-1	7.71	1.47	1.44	0.0	0.0	5.363	1502.	46.	4.	765.4	25.4	1
1048	10	476	37.9781	89.2634	55.3	PPCA-1	8.87	1.47	1.13	0.0	0.0	7.845	1380.	42.	4.	764.9	25.4	1
1049	0	480	37.9781	89.2628	54.0	PPCA-1	5.56	2.26	1.28	0.406	1.755	4.327	1430.	41.	7.	765.4	25.5	1
1050	10	488	37.9781	89.2621	54.8	PPCA-1	8.10	1.42	1.17	0.0	0.0	6.900	1431.	42.	4.	765.4	25.5	1
1051	0	488	37.9781	89.2615	55.3	PPCA-1	5.68	2.23	0.97	0.392	2.300	5.866	1444.	41.	7.	765.9	25.5	1
1052	0	492	37.9781	89.2608	55.5	PPCA-1	5.41	4.41	1.21	0.816	3.639	4.459	1443.	46.	5.	766.4	25.6	1
1053	0	492	37.9781	89.2602	55.0	PPCA-1	8.11	3.57	0.85	0.440	4.199	9.545	1530.	37.	4.	765.9	25.6	1
1054	10	504	37.9781	89.2595	56.5	PPCA-1	6.33	1.40	1.36	0.0	0.0	4.668	1352.	45.	4.	764.9	25.6	1
1055	10	508	37.9781	89.2588	56.5	PPCA-1	5.36	1.00	1.27	0.0	0.0	4.229	1310.	35.	7.	765.4	25.6	1
1056	0	520	37.9781	89.2581	56.0	PPCA-1	3.62	3.12	0.74	0.862	4.213	4.888	1131.	45.	5.	765.9	25.6	1
1057	0	504	37.9781	89.2575	56.8	PPCA-1	5.08	2.49	1.16	0.491	2.147	4.372	1131.	41.	3.	765.4	25.6	1
1058	10	512	37.9781	89.2568	55.8	PPCA-1	4.83	-0.28	1.11	0.0	0.0	4.367	1184.	48.	6.	764.9	25.6	1
1059	0	520	37.9781	89.2562	54.8	PPCA-1	5.08	2.62	1.52	0.517	1.722	3.334	1365.	33.	3.	765.9	25.6	1
1060	0	520	37.9781	89.2555	55.8	PPCA-1	3.86	2.28	0.88	0.589	2.581	4.380	1256.	41.	3.	764.9	25.6	1

CP9 IP 12

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1061	0	528	37.9781	89.2549	56.5	PPCA-1	6.34	1.84	1.23	0.291	1.497	5.145	1397.	32.	5.	764.3	25.6	1
1062	0	524	37.9781	89.2542	56.5	PPCA-1	4.99	3.22	1.32	0.644	2.442	3.791	1284.	37.	1.	764.9	25.5	1
1063	0	520	37.9781	89.2536	55.5	PPCA-1	6.16	2.25	1.29	0.365	1.738	4.765	1343.	49.	4.	764.9	25.5	1
1064	0	516	37.9781	89.2528	56.0	PPCA-1	6.60	2.21	1.08	0.335	2.046	6.107	1372.	28.	6.	764.9	25.4	1
1065	0	516	37.9781	89.2522	56.5	PPCA-1	4.81	2.13	1.12	0.442	1.904	4.306	1212.	43.	7.	764.9	25.4	1
1066	0	512	37.9781	89.2515	57.0	PPCA-1	4.67	1.96	0.79	0.419	2.474	5.899	1217.	43.	5.	765.4	25.5	1
1067	0	500	37.9781	89.2509	58.8	PPCA-1	5.55	2.36	1.03	0.424	2.289	5.395	1297.	34.	7.	765.9	25.4	1
1068	10	508	37.9781	89.2502	57.3	PPCA-1	5.75	-0.50	0.93	0.0	0.0	6.179	1222.	37.	7.	764.9	25.4	1
1069	10	504	37.9781	89.2495	57.5	PPCA-1	5.11	0.42	1.15	0.0	0.0	4.445	1204.	39.	8.	764.9	25.4	1
1070	0	504	37.9781	89.2489	56.5	PPCA-1	4.13	2.61	1.00	0.632	2.372	3.756	1159.	39.	2.	765.4	25.5	1
1071	0	504	37.9781	89.2483	55.3	PPM	4.12	2.10	1.02	0.509	2.054	4.034	1063.	33.	2.	764.3	25.5	1
1072	0	504	37.9781	89.2475	56.3	PPM	3.82	1.85	0.96	0.484	1.938	4.002	1045.	38.	2.	763.8	25.5	1
1073	0	508	37.9781	89.2469	59.0	PPM	6.03	2.29	0.95	0.380	2.422	6.373	1257.	41.	0.	763.8	25.5	1
1074	10	512	37.9781	89.2462	57.0	PPM	6.54	0.60	1.12	0.0	0.0	5.831	1291.	38.	4.	764.3	25.5	1
1075	0	516	37.9781	89.2456	55.3	PPM	5.22	3.78	0.88	0.724	4.279	5.911	1386.	45.	2.	764.9	25.5	1
1076	0	520	37.9781	89.2449	55.0	PPM	6.85	2.59	1.10	0.378	2.352	6.219	1434.	43.	4.	765.4	25.5	1
1077	0	512	37.9781	89.2443	56.8	PPM	4.79	3.99	0.78	0.832	5.129	6.163	1361.	37.	2.	765.4	25.4	1
1078	0	492	37.9781	89.2437	56.5	PPM	6.23	2.34	1.07	0.376	2.192	5.832	1325.	34.	4.	765.4	25.4	1
1079	0	480	37.9781	89.2430	56.0	PPM	7.06	2.75	0.82	0.389	3.335	8.569	1288.	45.	7.	765.4	25.4	1
1080	0	480	37.9781	89.2424	53.0	PPM	6.43	1.82	0.63	0.283	2.906	10.273	1271.	39.	8.	764.9	25.4	1
1081	0	516	37.9781	89.2416	53.8	PPM	6.93	1.95	0.97	0.282	2.018	7.153	1463.	37.	9.	763.8	25.4	1
1082	10	516	37.9781	89.2409	55.5	PPM	6.49	1.41	0.84	0.0	0.0	7.737	1367.	40.	10.	764.3	25.3	1
1083	10	512	37.9781	89.2403	54.3	PPM	6.36	0.65	0.97	0.0	0.0	6.538	1363.	43.	9.	764.9	25.4	1
1084	0	480	37.9781	89.2397	52.5	PPM	7.52	2.48	0.91	0.330	2.733	8.280	1317.	45.	5.	765.4	25.4	1
1085	10	516	37.9781	89.2390	53.8	PPM	6.59	0.67	1.04	0.0	0.0	6.344	1354.	39.	8.	765.4	25.4	1
1086	0	524	37.9781	89.2384	55.5	PPM	5.59	1.89	1.15	0.338	1.636	4.841	1439.	44.	8.	765.4	25.5	1
1087	0	520	37.9781	89.2377	55.3	PPM	5.74	2.36	1.13	0.410	2.084	5.079	1475.	31.	7.	765.4	25.5	1
1088	0	516	37.9781	89.2370	55.8	PPM	5.68	2.54	1.05	0.447	2.417	5.408	1439.	46.	6.	764.9	25.5	1
1089	0	508	37.9781	89.2363	56.0	PPM	5.83	3.43	0.72	0.588	4.730	8.046	1341.	38.	7.	764.3	25.5	1
1090	10	508	37.9781	89.2356	57.0	PPM	6.50	0.67	1.10	0.0	0.0	5.928	1386.	49.	9.	764.9	25.5	1
1091	0	464	37.9781	89.2350	56.0	PPM	6.25	3.22	0.67	0.516	4.840	9.386	1327.	36.	4.	765.4	25.5	1
1092	0	476	37.9782	89.2344	55.3	PPM	7.10	2.95	0.93	0.416	3.184	7.661	1452.	42.	6.	765.4	25.4	1
1093	10	500	37.9782	89.2337	57.5	PPM	5.26	0.55	1.00	0.0	0.0	5.252	1397.	47.	7.	765.9	25.4	1
1094	10	500	37.9782	89.2330	57.8	PPM	8.20	0.76	0.96	0.0	0.0	8.565	1469.	30.	9.	765.9	25.4	1
1095	0	496	37.9782	89.2324	54.3	PPM	8.04	2.75	0.72	0.342	3.804	11.129	1393.	29.	4.	764.3	25.4	1
1096	0	492	37.9782	89.2317	50.3	PPM	5.46	4.86	0.71	0.891	6.838	7.676	1420.	34.	6.	763.8	25.5	1
1097	10	496	37.9782	89.2311	48.3	PPM	8.17	1.03	0.74	0.0	0.0	10.971	1319.	30.	8.	764.9	25.5	1
1098	0	500	37.9782	89.2304	48.0	PPM	5.47	2.00	0.93	0.366	2.141	5.858	1258.	31.	8.	764.9	25.5	1
1099	0	508	37.9782	89.2297	48.5	PPM	6.91	2.20	1.05	0.319	2.098	6.588	1365.	34.	8.	764.3	25.4	1
1100	0	512	37.9782	89.2290	49.5	PPM	6.39	2.33	1.15	0.364	2.014	5.535	1460.	35.	8.	765.4	25.4	1
1101	0	512	37.9782	89.2284	51.3	PPM	7.76	2.27	1.05	0.292	2.151	7.366	1521.	25.	5.	765.9	25.4	1
1102	0	516	37.9782	89.2278	51.3	PPM	6.61	3.07	0.94	0.464	3.251	7.007	1549.	42.	9.	765.4	25.4	1
1103	0	516	37.9782	89.2271	52.5	PPM	7.74	4.48	0.76	0.578	5.882	10.168	1438.	39.	7.	765.9	25.3	1
1104	0	516	37.9782	89.2264	54.5	PPM	7.55	1.84	0.93	0.244	1.972	8.084	1528.	28.	7.	765.4	25.3	1
1105	10	512	37.9782	89.2258	56.5	PPM	5.55	1.01	1.08	0.0	0.0	5.157	1451.	41.	12.	764.9	25.2	1
1106	0	508	37.9782	89.2251	57.0	PPM	8.25	2.29	0.81	0.278	2.840	10.227	1489.	29.	7.	765.4	25.3	1
1107	0	508	37.9782	89.2244	57.5	PPM	6.78	1.94	1.16	0.286	1.678	5.860	1543.	35.	6.	765.9	25.2	1
1108	0	508	37.9782	89.2238	58.0	PPM	6.45	2.03	0.71	0.315	2.867	9.109	1428.	42.	5.	765.4	25.3	1
1109	0	504	37.9782	89.2231	58.0	PPM	6.35	2.77	1.17	0.437	2.368	5.420	1415.	37.	9.	765.4	25.2	1
1110	10	504	37.9782	89.2225	58.3	PPM	6.10	1.27	0.94	0.0	0.0	6.520	1429.	31.	7.	765.9	25.2	1
1111	0	508	37.9782	89.2218	58.8	PPM	5.16	3.15	0.69	0.611	4.596	7.525	1401.	37.	7.	765.4	25.2	1
1112	0	508	37.9782	89.2211	58.3	PPM	8.51	2.33	1.12	0.273	2.073	7.581	1421.	35.	5.	764.9	25.3	1
1113	10	512	37.9782	89.2205	59.5	PPM	8.11	1.19	1.18	0.0	0.0	6.873	1377.	47.	9.	765.4	25.2	1

CP9 1P12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1114	0	512	37.9782	89.2198	60.0	PPM	7.78	2.01	1.06	0.258	1.885	7.311	1383.	36.	6.	765.4	25.3	1
1115	0	512	37.9782	89.2191	60.8	PPM	7.67	1.76	0.84	0.230	2.102	9.157	1392.	37.	4.	765.4	25.2	1
1116	0	512	37.9782	89.2185	61.0	PPM	7.31	2.44	1.06	0.333	2.299	6.895	1519.	38.	10.	764.9	25.2	1
1117	0	512	37.9782	89.2178	61.3	PPM	7.12	2.98	1.19	0.418	2.510	5.998	1535.	38.	7.	764.9	25.2	1
1118	0	520	37.9782	89.2172	59.8	PPM	6.83	3.57	0.84	0.523	4.233	8.087	1507.	24.	8.	765.4	25.3	1
1119	10	528	37.9782	89.2165	60.5	PPM	6.76	1.54	1.19	0.0	0.0	5.694	1502.	29.	9.	765.4	25.3	1
1120	10	536	37.9782	89.2159	64.3	PPM	8.02	0.60	0.89	0.0	0.0	9.018	1448.	52.	9.	764.9	25.4	1
1121	10	540	37.9782	89.2152	65.8	PPM	8.14	-0.07	0.87	0.0	0.0	9.332	1391.	34.	12.	764.3	25.4	1
1122	0	552	37.9782	89.2145	65.8	PPM	7.31	4.12	0.66	0.563	6.237	11.073	1495.	35.	8.	763.3	25.5	1
1123	0	560	37.9782	89.2138	65.5	PPM	6.59	3.48	0.91	0.528	3.809	7.210	1472.	30.	6.	763.8	25.4	1
1124	0	572	37.9782	89.2132	65.3	PPM	8.81	3.13	0.83	0.355	3.793	10.675	1560.	36.	2.	764.9	25.4	1
1125	0	576	37.9782	89.2125	66.0	PPM	7.52	2.41	1.23	0.320	1.957	6.108	1492.	51.	7.	764.9	25.3	1
1126	0	576	37.9782	89.2119	67.3	PPM	5.34	2.80	1.39	0.525	2.022	3.854	1532.	36.	4.	764.9	25.3	1
1127	10	572	37.9782	89.2112	68.3	PPM	6.14	1.39	1.09	0.0	0.0	5.629	1553.	45.	9.	764.9	25.2	1
1128	10	564	37.9782	89.2105	69.5	PPM	5.95	1.69	1.09	0.0	0.0	5.447	1430.	42.	4.	763.8	25.2	1
1129	10	556	37.9782	89.2099	69.5	PPM	7.11	1.39	1.19	0.0	0.0	5.957	1470.	38.	5.	764.3	25.2	1
1130	0	548	37.9782	89.2092	70.5	PPM	7.26	2.55	1.14	0.351	2.243	6.398	1588.	39.	6.	764.3	25.2	1
1131	0	544	37.9782	89.2086	71.0	PPM	7.22	3.40	0.81	0.470	4.177	8.879	1513.	43.	6.	763.8	25.2	1
1132	0	536	37.9782	89.2079	73.3	PPM	5.91	2.59	0.81	0.438	3.201	7.312	1495.	44.	4.	764.3	25.2	1
1133	0	532	37.9782	89.2072	73.5	PPM	8.05	2.70	0.90	0.336	3.000	8.932	1502.	45.	5.	764.9	25.3	1
1134	0	532	37.9782	89.2065	74.0	PPM	6.39	1.70	1.35	0.266	1.261	4.740	1558.	32.	2.	763.8	25.4	1
1135	0	540	37.9782	89.2059	75.3	PPM	7.58	3.68	0.96	0.486	3.830	7.886	1534.	49.	3.	763.8	25.5	1
1136	0	540	37.9782	89.2052	76.8	PPM	7.17	1.99	1.19	0.278	1.677	6.031	1492.	47.	5.	764.9	25.5	1
1137	0	508	37.9782	89.2046	77.8	PPM	5.36	2.06	0.82	0.383	2.506	6.534	1313.	46.	7.	764.9	25.4	1
1138	10	516	37.9782	89.2039	77.3	PPM	4.44	0.46	1.05	0.0	0.0	4.209	1267.	48.	9.	763.3	25.3	1
1139	10	560	37.9782	89.2033	78.8	PPM	4.96	1.79	1.07	0.0	0.0	4.628	1451.	39.	9.	764.3	25.2	1
1140	0	568	37.9782	89.2026	80.3	PPM	4.64	3.35	0.86	0.721	3.895	5.400	1455.	41.	11.	764.9	25.2	1
1141	0	572	37.9782	89.2019	82.0	PPM	6.29	2.68	1.11	0.427	2.424	5.681	1393.	36.	6.	763.8	25.2	1
1142	0	572	37.9782	89.2013	83.5	PPM	6.42	4.42	0.74	0.688	5.981	8.690	1491.	34.	6.	764.9	25.2	1
1143	0	576	37.9782	89.2006	85.0	PPM	5.13	3.43	0.78	0.669	4.392	6.569	1485.	49.	10.	764.3	25.2	1
1144	0	580	37.9782	89.1999	86.8	PPM	5.60	2.58	0.95	0.461	2.713	5.886	1290.	56.	8.	764.3	25.2	1
1145	0	584	37.9782	89.1993	86.0	PPM	5.58	3.71	0.94	0.664	3.937	5.931	1452.	43.	10.	764.9	25.3	1
1146	10	588	37.9782	89.1986	87.3	PPM	8.48	1.69	1.37	0.0	0.0	6.195	1505.	40.	5.	763.8	25.3	1
1147	10	588	37.9782	89.1980	88.5	PPM	7.32	0.57	1.46	0.0	0.0	4.999	1351.	48.	7.	763.8	25.2	1
1148	0	584	37.9782	89.1973	90.8	PPM	7.45	3.66	0.78	0.491	4.691	9.549	1529.	39.	5.	764.3	25.2	1
1149	0	580	37.9782	89.1966	92.3	PPM	9.07	3.26	1.03	0.359	3.157	8.784	1563.	38.	5.	764.3	25.2	1
1150	0	572	37.9782	89.1959	93.0	PPM	8.89	2.70	1.14	0.303	2.374	7.828	1478.	37.	1.	764.9	25.2	1
1151	10	564	37.9782	89.1953	94.3	PPM	8.33	1.84	0.96	0.0	0.0	8.670	1516.	41.	8.	764.3	25.2	1
1152	0	560	37.9782	89.1946	96.3	PPM	6.97	5.04	0.82	0.723	6.170	8.533	1548.	39.	2.	764.3	25.2	1
1153	0	556	37.9782	89.1940	97.5	PPM	6.08	2.93	1.20	0.482	2.437	5.059	1537.	44.	7.	764.9	25.2	1
1154	0	552	37.9782	89.1933	97.5	PPM	6.95	2.66	1.33	0.383	2.005	5.238	1502.	45.	5.	764.9	25.2	1
1155	10	552	37.9782	89.1927	98.8	PPM	10.51	0.86	1.11	0.0	0.0	9.503	1486.	25.	7.	764.3	25.3	1
1156	0	556	37.9783	89.1921	98.8	PPM	6.56	2.87	0.91	0.437	3.149	7.201	1465.	33.	6.	763.8	25.3	1
1157	10	560	37.9783	89.1913	99.3	PPM	8.02	0.01	0.88	0.0	0.0	9.151	1531.	43.	9.	763.8	25.3	1
1158	10	568	37.9783	89.1907	99.5	PPM	5.31	1.70	0.83	0.0	0.0	6.412	1375.	50.	9.	764.3	25.3	1
1159	10	568	37.9783	89.1900	101.5	PPM	8.03	1.96	0.77	0.0	0.0	10.408	1454.	35.	10.	764.3	25.2	1
1160	10	564	37.9783	89.1893	102.0	PPM	8.79	0.56	1.18	0.0	0.0	7.466	1513.	44.	10.	764.3	25.2	1
1161	10	564	37.9783	89.1887	102.3	PPM	5.76	1.12	1.01	0.0	0.0	5.717	1435.	47.	9.	763.8	25.2	1
1162	0	568	37.9783	89.1880	103.8	PPM	9.01	2.78	0.69	0.308	4.016	13.031	1487.	49.	8.	764.3	25.2	1
1163	0	560	37.9783	89.1874	105.0	PPM	6.83	2.31	0.68	0.338	3.372	9.987	1371.	39.	9.	764.3	25.1	1
1164	0	528	37.9783	89.1868	106.3	PPM	8.20	2.80	0.61	0.341	4.571	13.400	1293.	34.	6.	764.3	25.1	1
1165	10	552	37.9783	89.1861	106.5	QAL	4.93	1.12	0.84	0.0	0.0	5.872	1260.	38.	6.	763.8	25.1	1
1166	0	564	37.9783	89.1853	106.8	QAL	5.22	3.52	0.85	0.674	4.114	6.104	1300.	32.	0.	763.8	25.1	1

CP9 1P12

* TAGS *			LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1167	0	560	37.9783	89.1846	106.8	QAL	7.37	4.20	0.74	0.570	5.651	9.911	1360.	39.	1.	764.3	25.2	1
1168	0	556	37.9783	89.1839	107.8	QAL	7.89	2.38	1.24	0.302	1.918	6.360	1535.	29.	2.	764.9	25.2	1
1169	0	556	37.9783	89.1832	108.3	QAL	4.67	2.85	1.06	0.611	2.698	4.417	1482.	33.	3.	764.9	25.2	1
1170	0	556	37.9783	89.1825	108.8	QAL	9.98	1.90	0.92	0.191	2.063	10.824	1406.	51.	0.	764.3	25.2	1
1171	0	552	37.9783	89.1817	108.3	QAL	7.17	3.26	1.14	0.455	2.869	6.306	1574.	33.	2.	764.3	25.1	1
1172	0	544	37.9783	89.1810	109.3	QAL	7.60	2.94	1.44	0.388	2.042	5.268	1611.	32.	1.	765.4	25.1	1
1173	0	540	37.9783	89.1803	109.0	QAL	6.89	2.43	1.11	0.353	2.188	6.202	1509.	43.	6.	764.9	25.1	1
1174	0	536	37.9783	89.1796	108.3	QAL	6.19	2.92	0.98	0.472	2.975	6.309	1577.	38.	7.	764.3	25.1	1
1175	0	532	37.9783	89.1788	107.8	QAL	7.66	2.66	1.02	0.348	2.621	7.540	1567.	37.	6.	764.3	25.1	1
1176	0	532	37.9783	89.1781	107.8	QAL	5.96	4.25	0.95	0.713	4.458	6.252	1571.	41.	5.	764.3	25.1	1
1177	10	536	37.9783	89.1774	108.5	QAL	10.12	0.82	1.45	0.0	0.0	6.990	1601.	38.	5.	764.9	25.1	1
1178	0	540	37.9783	89.1767	108.8	PPM	6.95	2.80	0.92	0.403	3.047	7.567	1600.	28.	4.	764.9	25.1	1
1179	0	544	37.9783	89.1760	109.0	PPM	7.84	1.97	1.17	0.251	1.673	6.675	1644.	31.	9.	765.4	25.1	1
1180	0	544	37.9783	89.1752	109.3	PPM	6.21	2.45	1.11	0.395	2.218	5.608	1549.	40.	8.	765.9	25.1	1
1181	10	544	37.9783	89.1745	107.3	PPM	8.10	1.30	1.30	0.0	0.0	6.214	1637.	37.	4.	764.3	25.1	1
1182	10	544	37.9783	89.1738	106.8	PPM	8.93	1.78	1.00	0.0	0.0	8.897	1617.	34.	5.	764.9	25.1	1
1183	0	544	37.9783	89.1730	107.3	PPM	8.14	2.04	1.13	0.251	1.815	7.232	1568.	41.	7.	766.4	25.1	1
1184	0	544	37.9783	89.1723	107.8	PPM	5.85	3.48	1.01	0.595	3.438	5.776	1543.	48.	6.	765.4	25.1	1
1185	0	544	37.9783	89.1716	107.0	PPM	7.46	6.67	0.86	0.895	7.761	8.676	1589.	35.	2.	764.9	25.1	1
1186	10	544	37.9784	89.1709	107.0	PPM	6.02	0.46	1.07	0.0	0.0	5.631	1560.	54.	10.	765.4	25.2	1
1187	0	544	37.9784	89.1702	106.8	QAL	7.40	2.76	1.23	0.373	2.240	6.007	1640.	38.	12.	764.9	25.1	1
1188	0	540	37.9784	89.1694	105.5	QAL	8.52	2.30	1.17	0.270	1.962	7.257	1548.	44.	8.	765.4	25.1	1
1189	10	540	37.9784	89.1687	105.0	QAL	5.96	1.10	1.16	0.0	0.0	5.132	1438.	36.	13.	765.9	25.1	1
1190	10	548	37.9784	89.1680	105.0	QAL	7.84	-0.21	1.30	0.0	0.0	6.031	1536.	46.	13.	765.4	25.1	1
1191	10	552	37.9784	89.1672	104.0	QAL	5.78	1.63	1.56	0.0	0.0	3.707	1517.	33.	14.	764.9	25.1	1
1192	10	556	37.9784	89.1665	103.0	QAL	8.27	0.80	0.92	0.0	0.0	9.015	1585.	29.	12.	765.4	25.2	1
1193	10	560	37.9784	89.1658	103.8	QAL	8.19	0.70	0.80	0.0	0.0	10.250	1533.	44.	12.	765.4	25.2	1
1194	10	564	37.9784	89.1651	101.0	QAL	9.22	0.89	0.93	0.0	0.0	9.926	1551.	49.	11.	764.9	25.2	1
1195	0	564	37.9784	89.1643	100.3	QAL	6.41	4.35	0.92	0.678	4.742	6.992	1494.	30.	6.	763.8	25.1	1
1196	0	568	37.9785	89.1636	99.3	QAL	7.10	3.22	1.01	0.454	3.187	7.018	1460.	37.	7.	763.8	25.1	1
1197	0	568	37.9785	89.1629	97.8	QAL	4.89	3.04	1.07	0.621	2.827	4.550	1354.	41.	5.	764.9	25.2	1
1198	10	572	37.9785	89.1622	96.5	QAL	5.75	1.33	0.93	0.0	0.0	6.219	1274.	38.	5.	764.9	25.1	1
1199	10	572	37.9785	89.1614	95.8	QAL	6.12	0.93	1.21	0.0	0.0	5.071	1364.	39.	6.	764.9	25.1	1
1200	0	576	37.9785	89.1607	94.8	QAL	6.72	4.15	0.81	0.617	5.145	8.343	1481.	32.	6.	765.4	25.1	1
1201	0	576	37.9785	89.1600	92.3	QAL	7.86	2.55	0.71	0.324	3.608	11.120	1402.	38.	7.	764.9	25.1	1
1202	10	576	37.9785	89.1592	92.5	QAL	7.44	1.04	0.86	0.0	0.0	8.661	1447.	43.	8.	763.8	25.1	1
1203	0	564	37.9785	89.1585	92.3	QAL	6.84	2.21	1.01	0.323	2.196	6.799	1327.	49.	3.	763.8	25.1	1
1204	0	536	37.9785	89.1578	89.5	QAL	6.46	2.61	0.94	0.405	2.785	6.876	1483.	28.	9.	764.3	25.1	1
1205	0	532	37.9785	89.1571	88.5	QAL	6.80	2.33	0.90	0.343	2.601	7.589	1341.	35.	7.	764.3	25.0	1
1206	0	560	37.9786	89.1563	87.5	QAL	8.18	2.32	1.29	0.284	1.802	6.347	1445.	38.	6.	763.8	25.1	1
1207	0	560	37.9786	89.1556	84.0	QAL	7.04	3.33	1.12	0.473	2.969	6.271	1554.	46.	6.	764.3	25.1	1
1208	10	564	37.9786	89.1549	83.3	QAL	6.76	1.88	0.87	0.0	0.0	7.747	1330.	44.	8.	764.3	25.0	1
1209	0	556	37.9786	89.1542	83.0	QAL	5.10	4.30	0.77	0.842	5.565	6.608	1390.	39.	6.	762.8	25.0	1
1210	0	584	37.9786	89.1534	81.8	QAL	7.04	2.96	0.46	0.421	6.455	15.337	1316.	40.	5.	763.3	25.1	1
1211	10	572	37.9786	89.1527	79.3	QAL	5.61	1.67	1.07	0.0	0.0	5.252	1397.	39.	8.	763.8	25.0	1
1212	10	524	37.9786	89.1520	77.5	QAL	8.65	1.18	0.94	0.0	0.0	9.166	1222.	33.	5.	763.8	25.1	1
1213	0	520	37.9786	89.1512	75.5	QAL	5.64	2.51	0.95	0.445	2.637	5.926	1294.	25.	6.	764.3	25.1	1
1214	10	500	37.9786	89.1505	74.8	QAL	5.68	0.51	1.04	0.0	0.0	5.462	1171.	49.	9.	764.3	25.1	1
1215	0	504	37.9786	89.1498	72.5	QAL	4.46	1.76	0.78	0.395	2.268	5.745	1119.	53.	8.	764.3	25.1	1
1216	10	488	37.9786	89.1491	71.5	QAL	6.65	1.24	0.85	0.0	0.0	7.835	1182.	42.	8.	764.3	25.1	1
1217	0	488	37.9787	89.1483	70.8	QAL	6.02	1.71	1.08	0.284	1.591	5.602	1352.	27.	5.	764.3	24.9	1
1218	10	488	37.9787	89.1477	69.5	QAL	6.46	1.26	0.80	0.0	0.0	8.056	1219.	48.	0.	764.9	25.0	1
1219	0	504	37.9787	89.1469	68.5	QAL	8.34	4.11	0.88	0.493	4.678	9.484	1425.	26.	0.	764.9	25.1	1

CP9 IP12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	REDUCED DATA GROSS	COS	UAIR	PRESS	TEMP	SYS
1220	0	528	37.9787	89.1462	65.8		QAL	4.32	3.82	1.10	0.885	3.463	3.914	1438.	46.	2.	764.3	25.1	1
1221	0	548	37.9787	89.1455	63.8		QAL	7.05	2.43	0.94	0.345	2.593	7.512	1474.	42.	5.	764.9	25.0	1
1222	0	556	37.9787	89.1447	63.5		QAL	8.77	2.56	1.15	0.291	2.222	7.628	1539.	45.	2.	765.4	25.1	1
1223	0	552	37.9787	89.1440	61.3		QAL	5.56	2.31	1.27	0.415	1.812	4.365	1517.	29.	9.	765.4	25.1	1
1224	0	548	37.9787	89.1433	59.5		PPM	6.36	4.05	0.88	0.637	4.628	7.264	1528.	38.	11.	765.4	25.1	1
1225	0	544	37.9787	89.1426	58.3		PPM	7.48	3.21	1.12	0.429	2.853	6.649	1594.	34.	6.	765.4	25.0	1
1226	0	540	37.9787	89.1419	56.0		PPM	7.40	3.74	1.28	0.505	2.908	5.764	1615.	31.	10.	765.4	25.1	1
1227	10	540	37.9787	89.1411	53.5		PPM	7.47	1.56	1.11	0.0	0.0	6.738	1589.	42.	11.	764.3	25.1	1
1228	0	536	37.9787	89.1404	52.8		PPM	5.79	2.73	1.09	0.472	2.505	5.309	1474.	40.	9.	763.8	25.1	1
1229	10	496	37.9787	89.1397	50.8		PPM	7.67	1.13	0.88	0.0	0.0	8.675	1489.	42.	10.	764.3	25.1	1
1230	0	484	37.9787	89.1390	47.3		PPM	6.90	3.68	0.85	0.533	4.326	8.113	1446.	43.	8.	765.4	25.2	1
1231	0	532	37.9787	89.1382	46.0		PPM	2.88	4.76	0.98	1.655	4.871	2.944	1560.	47.	10.	764.9	25.2	1
1232	10	544	37.9787	89.1375	44.5		PPM	8.60	1.84	1.07	0.0	0.0	8.069	1684.	48.	6.	764.9	25.1	1
1233	10	544	37.9787	89.1368	43.3		PPM	7.76	1.75	1.24	0.0	0.0	6.267	1640.	37.	6.	764.9	25.1	1
1234	0	544	37.9787	89.1361	41.0		PPM	7.93	4.05	1.11	0.510	3.659	7.170	1618.	48.	2.	764.3	25.1	1
1235	0	540	37.9787	89.1353	37.5		PPM	7.67	3.20	1.04	0.417	3.070	7.362	1522.	48.	3.	764.9	25.1	1
1236	0	540	37.9787	89.1346	36.5		PPM	6.41	3.44	1.01	0.537	3.393	6.323	1494.	52.	0.	764.3	25.2	1
1237	0	548	37.9788	89.1339	35.0		PPM	9.05	4.37	1.06	0.483	4.130	8.554	1726.	39.	1.	763.8	25.3	1
1238	0	556	37.9788	89.1331	33.0		PPM	6.98	4.09	1.32	0.586	3.100	5.291	1642.	37.	1.	763.3	25.3	1
1239	0	552	37.9788	89.1324	31.8		PPM	7.02	2.61	0.98	0.373	2.657	7.130	1571.	44.	5.	763.8	25.2	1
1240	0	544	37.9788	89.1317	29.5		PPM	7.14	4.29	1.33	0.601	3.230	5.373	1651.	37.	3.	763.3	25.2	1
1241	0	544	37.9788	89.1310	25.0		PPM	7.30	3.20	1.23	0.439	2.604	5.936	1626.	36.	2.	763.8	25.2	1
1242	0	548	37.9788	89.1302	24.5		PPM	7.05	4.27	0.92	0.606	4.621	7.626	1493.	36.	3.	764.3	25.2	1
1243	0	548	37.9788	89.1295	25.0		PPM	7.95	4.34	1.17	0.546	3.713	6.805	1585.	30.	3.	764.3	25.1	1
1244	0	548	37.9788	89.1288	23.8		PPM	7.01	3.40	1.19	0.485	2.867	5.916	1548.	39.	3.	763.8	25.1	1
1245	10	556	37.9788	89.1280	19.3		PPM	6.44	1.73	1.17	0.0	0.0	5.488	1539.	48.	3.	763.3	25.1	1
1246	0	556	37.9788	89.1273	18.8		PPM	8.64	3.66	1.05	0.424	3.480	8.210	1662.	34.	4.	763.8	25.0	1
1247	0	556	37.9789	89.1266	16.5		PPM	9.75	2.20	1.41	0.226	1.555	6.892	1654.	33.	2.	763.8	25.0	1
1248	0	552	37.9789	89.1259	14.8		PPM	9.50	5.21	0.88	0.549	5.917	10.782	1577.	45.	1.	764.3	25.0	1
1249	0	544	37.9789	89.1251	12.8		PPM	5.80	4.25	0.99	0.733	4.289	5.849	1582.	38.	3.	764.9	25.0	1
1250	0	536	37.9789	89.1244	10.8		PPM	8.26	5.13	0.85	0.621	6.068	9.766	1623.	42.	0.	764.3	25.0	1
1251	0	524	37.9789	89.1237	8.5		PPM	7.65	3.43	1.21	0.449	2.832	6.307	1611.	36.	6.	763.8	25.0	1
1252	0	516	37.9789	89.1230	7.8		PPM	5.18	4.42	0.93	0.853	4.727	5.540	1513.	38.	4.	764.3	25.0	1
1253	0	516	37.9789	89.1222	7.0		PPM	6.12	3.90	1.14	0.637	3.412	5.356	1497.	34.	9.	764.3	25.1	1
1254	10	516	37.9789	89.1215	5.3		PPM	9.55	0.80	1.13	0.0	0.0	8.463	1584.	33.	11.	763.8	25.1	1
1255	0	516	37.9789	89.1208	1.0		PPM	8.23	3.12	0.88	0.379	3.542	9.346	1493.	33.	7.	763.8	25.2	1
1256	10	516	37.9789	89.1200	-0.8		PPM	8.90	-0.01	1.41	0.0	0.0	6.312	1542.	44.	11.	764.3	25.2	1
1257	0	516	37.9789	89.1194	-1.5		PPM	6.33	2.27	1.26	0.358	1.804	5.040	1589.	32.	7.	764.9	25.2	1
1258	0	520	37.9789	89.1186	-5.0		PPM	7.90	2.84	1.00	0.360	2.839	7.886	1504.	49.	2.	764.3	25.2	1
1259	0	512	37.9789	89.1179	-8.3		PPM	7.66	2.87	1.09	0.375	2.634	7.026	1534.	47.	6.	763.3	25.1	1
1260	0	508	37.9789	89.1172	-8.3		PPM	6.37	3.32	0.85	0.522	3.907	7.487	1469.	35.	2.	764.3	25.2	1
1261	0	504	37.9789	89.1164	-9.8		PPM	7.27	3.15	0.85	0.433	3.718	8.576	1524.	25.	0.	764.9	25.2	1
1262	0	500	37.9789	89.1157	-12.3		PPM	7.06	2.34	1.05	0.332	2.224	6.705	1604.	36.	6.	764.3	25.1	1
1263	10	496	37.9789	89.1150	-13.5		PPM	7.64	1.37	1.20	0.0	0.0	6.382	1566.	35.	7.	764.3	25.1	1
1264	10	488	37.9789	89.1143	-15.0		PPM	7.33	1.67	1.39	0.0	0.0	5.287	1614.	30.	8.	764.9	25.1	1
1265	0	476	37.9789	89.1135	-15.3		PPM	9.81	3.16	1.02	0.322	3.081	9.570	1643.	32.	6.	765.4	25.0	1
1266	0	468	37.9789	89.1129	-17.8		PPM	7.10	3.39	0.93	0.477	3.650	7.654	1497.	29.	6.	764.9	25.0	1
1267	0	472	37.9789	89.1121	-18.8		PPM	7.31	2.67	1.09	0.365	2.442	6.682	1511.	42.	7.	764.3	25.0	1
1268	0	484	37.9790	89.1114	-21.3		PPM	8.14	2.10	0.67	0.258	3.116	12.087	1528.	38.	11.	764.9	25.0	1
1269	0	472	37.9790	89.1107	-23.8		PPM	7.18	3.95	0.76	0.550	5.178	9.418	1453.	39.	9.	765.4	25.0	1
1270	10	444	37.9790	89.1099	-24.5		PPM	7.38	-0.43	0.87	0.0	0.0	8.489	1302.	42.	12.	765.4	25.1	1
1271	10	448	37.9790	89.1092	-28.0		PPM	6.48	1.39	0.83	0.0	0.0	7.774	1371.	37.	11.	764.9	25.0	1
1272	0	440	37.9790	89.1085	-30.0		PPM	7.12	2.62	0.87	0.368	3.015	8.187	1408.	42.	12.	764.3	25.1	1

CP 9 IP 12

* TAGS *			LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1273	10	440	37.9790	89.1078	-32.0	PPM	6.03	0.54	1.03	0.0	0.0	5.876	1299.	26.	10.	764.3	25.1	1
1274	10	472	37.9790	89.1071	-32.3	PPM	7.65	-0.02	0.95	0.0	0.0	8.048	1430.	50.	10.	765.4	25.1	1
1275	0	500	37.9790	89.1064	-32.3	PPM	5.69	3.64	1.04	0.639	3.506	5.487	1502.	38.	10.	765.4	25.0	1
1276	0	496	37.9790	89.1056	-35.5	PPM	6.30	2.53	1.07	0.402	2.371	5.900	1527.	32.	10.	764.3	25.1	1
1277	0	492	37.9790	89.1049	-41.3	PPM	6.34	2.61	1.06	0.412	2.457	5.970	1540.	53.	10.	764.3	25.1	1
1278	10	488	37.9790	89.1042	-41.3	PPM	7.25	-0.39	1.37	0.0	0.0	5.307	1484.	36.	11.	764.3	25.1	1
1279	0	484	37.9790	89.1034	-40.3	PPM	6.54	3.82	0.92	0.584	4.155	7.118	1514.	42.	7.	764.3	25.1	1
1280	0	484	37.9790	89.1027	-39.8	PPM	5.92	2.96	1.05	0.500	2.818	5.640	1477.	32.	11.	764.3	25.0	1
1281	0	484	37.9790	89.1020	-37.8	PPM	7.82	3.07	1.06	0.392	2.901	7.392	1536.	45.	8.	764.3	25.0	1
1282	0	488	37.9790	89.1013	-36.3	PPM	6.76	1.90	1.04	0.280	1.830	6.529	1526.	31.	9.	763.8	25.0	1
1283	0	492	37.9790	89.1006	-41.8	PPM	5.93	5.32	0.90	0.898	5.945	6.623	1633.	42.	8.	764.3	25.0	1
1284	0	496	37.9790	89.0998	-45.3	PPM	6.75	3.55	0.90	0.526	3.939	7.491	1425.	50.	5.	764.9	25.1	1
1285	0	500	37.9790	89.0991	-48.8	PPM	5.16	4.37	0.93	0.847	4.711	5.559	1583.	42.	2.	764.9	25.0	1
1286	0	500	37.9790	89.0984	-51.5	PPM	5.79	4.16	1.38	0.718	3.019	4.205	1557.	29.	3.	764.3	25.0	1
1287	0	496	37.9790	89.0977	-53.5	PPM	6.23	2.29	1.07	0.368	2.135	5.807	1507.	34.	6.	764.9	25.0	1
1288	0	492	37.9791	89.0969	-54.0	PPM	6.76	4.52	1.28	0.668	3.537	5.292	1640.	37.	0.	764.9	25.0	1
1289	0	488	37.9791	89.0962	-55.3	PPM	5.63	3.81	1.20	0.676	3.173	4.692	1501.	35.	0.	764.3	25.0	1
1290	0	492	37.9791	89.0955	-57.0	PPM	8.73	2.92	1.23	0.334	2.363	7.076	1688.	31.	3.	764.9	25.0	1
1291	0	492	37.9791	89.0947	-56.8	PPM	10.03	3.12	1.02	0.311	3.053	9.825	1635.	40.	1.	764.3	25.0	1
1292	0	492	37.9791	89.0941	-58.0	PPM	8.15	2.59	1.39	0.317	1.865	5.875	1627.	43.	8.	763.8	25.0	1
1293	0	500	37.9791	89.0933	-59.3	PPM	7.84	2.01	1.02	0.256	1.979	7.721	1601.	44.	9.	764.3	25.0	1
1294	10	504	37.9791	89.0926	-60.5	PPM	8.73	0.84	1.54	0.0	0.0	5.666	1675.	29.	11.	764.9	25.1	1
1295	10	508	37.9791	89.0919	-62.0	PPM	7.51	1.86	1.44	0.0	0.0	5.202	1707.	40.	12.	763.3	25.2	1
1296	10	512	37.9791	89.0912	-62.0	PPM	9.40	0.91	1.26	0.0	0.0	7.434	1647.	41.	13.	763.8	25.2	1
1297	0	516	37.9791	89.0904	-62.3	PPM	6.39	2.02	0.92	0.315	2.185	6.928	1782.	38.	13.	764.3	25.1	1
1298	10	512	37.9791	89.0897	-64.3	PPM	7.81	1.13	1.34	0.0	0.0	5.838	1679.	38.	13.	763.8	25.1	1
1299	0	500	37.9792	89.0890	-67.0	PPM	6.71	3.71	1.41	0.552	2.636	4.773	1702.	41.	9.	763.3	25.0	1
1300	0	492	37.9792	89.0882	-66.5	PPM	7.32	2.82	1.42	0.385	1.981	5.144	1682.	26.	11.	764.3	25.0	1
1301	0	488	37.9792	89.0875	-66.3	PPM	5.29	2.71	1.00	0.512	2.720	5.316	1642.	40.	9.	764.9	24.9	1
1302	0	476	37.9792	89.0868	-68.3	PPM	7.40	2.52	1.06	0.340	2.377	6.992	1650.	33.	6.	764.3	24.9	1
1303	10	464	37.9792	89.0861	-69.3	PPM	7.66	1.42	1.06	0.0	0.0	7.253	1648.	41.	11.	763.8	24.9	1
1304	10	464	37.9792	89.0853	-69.3	PPM	10.87	1.55	1.23	0.0	0.0	8.801	1710.	46.	12.	763.8	24.9	1
1305	0	468	37.9792	89.0846	-69.8	PPM	5.99	1.97	1.42	0.329	1.388	4.223	1686.	39.	14.	764.3	24.9	1
1306	0	468	37.9792	89.0839	-72.0	PPM	7.18	2.77	1.06	0.386	2.618	6.791	1726.	33.	13.	764.9	24.9	1
1307	0	460	37.9792	89.0832	-71.5	PPM	8.78	1.97	0.88	0.224	2.232	9.955	1574.	44.	15.	764.9	24.9	1
1308	0	460	37.9792	89.0824	-71.5	PPM	5.91	4.69	1.03	0.794	4.553	5.737	1690.	45.	12.	764.9	24.9	1
1309	0	460	37.9793	89.0817	-72.3	PPM	8.26	1.88	1.21	0.228	1.549	6.806	1716.	44.	14.	764.3	24.9	1
1310	0	460	37.9793	89.0810	-73.5	PPM	8.40	3.40	1.00	0.404	3.411	8.435	1823.	44.	14.	764.9	25.0	1
1311	10	460	37.9793	89.0803	-73.0	PPM	10.81	1.50	1.12	0.0	0.0	9.620	1653.	45.	3.	764.9	25.0	1
1312	10	464	37.9793	89.0795	-74.0	PPM	7.78	1.31	1.06	0.0	0.0	7.315	1572.	62.	9.	763.8	25.0	1
1313	0	436	37.9793	89.0788	-75.5	PPM	9.04	3.28	0.84	0.364	3.926	10.801	1471.	50.	0.	763.3	25.2	1
1314	0	436	37.9793	89.0781	-77.5	PPM	5.38	4.29	0.76	0.796	5.644	7.091	1429.	32.	3.	763.8	25.1	1
1315	0	492	37.9793	89.0773	-78.3	PPM	6.70	1.94	0.99	0.289	1.958	6.769	1500.	44.	2.	763.8	25.2	1
1316	0	504	37.9793	89.0766	-78.3	PPM	6.15	4.18	1.00	0.680	4.196	6.173	1536.	45.	0.	764.3	25.2	1
1317	0	512	37.9793	89.0759	-79.0	PPM	8.83	1.86	0.98	0.211	1.903	9.013	1493.	32.	3.	764.9	25.2	1
1318	0	520	37.9793	89.0752	-79.0	PPM	6.57	3.41	0.91	0.520	3.736	7.192	1426.	45.	3.	763.8	25.2	1
1319	0	520	37.9793	89.0744	-79.8	PPM	7.56	3.67	0.83	0.486	4.440	9.144	1571.	39.	5.	763.3	25.2	1
1320	10	524	37.9793	89.0737	-79.8	PPM	9.00	1.25	0.85	0.0	0.0	10.535	1562.	39.	7.	763.8	25.1	1
1321	0	524	37.9793	89.0730	-80.3	PPM	5.50	4.22	0.80	0.767	5.244	6.839	1570.	44.	4.	763.3	25.1	1
1322	0	528	37.9793	89.0722	-82.0	PPM	6.44	2.56	0.93	0.398	2.765	6.946	1581.	46.	7.	763.8	25.1	1
1323	0	532	37.9793	89.0715	-80.8	PPM	7.43	4.09	0.71	0.550	5.776	10.500	1608.	35.	9.	764.9	25.0	1
1324	0	532	37.9793	89.0708	-80.0	PPM	7.94	2.01	1.23	0.253	1.634	6.448	1584.	46.	5.	764.3	25.0	1
1325	10	528	37.9793	89.0701	-80.5	PPM	6.29	0.87	1.13	0.0	0.0	5.589	1397.	35.	7.	763.3	24.9	1

CP 9 IP 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1326	10	524	37.9793	89.0694	-80.8	PPM	5.91	1.01	0.98	0.0	0.0	6.002	1515.	38.	14.	763.3	24.9	1
1327	0	524	37.9793	89.0686	-81.8	PPM	5.35	2.55	0.94	0.476	2.695	5.665	1513.	45.	12.	763.8	24.9	1
1328	10	528	37.9793	89.0679	-81.8	PPM	10.62	1.19	1.37	0.0	0.0	7.736	1609.	42.	10.	764.3	24.9	1
1329	0	528	37.9794	89.0672	-82.3	PPM	7.74	2.10	0.79	0.272	2.666	9.810	1499.	30.	16.	763.8	24.9	1
1330	10	528	37.9794	89.0664	-82.3	PPM	8.97	0.64	0.94	0.0	0.0	9.536	1503.	32.	17.	763.3	24.8	1
1331	10	524	37.9794	89.0657	-81.8	PPM	6.18	1.03	1.42	0.0	0.0	4.349	1530.	32.	13.	763.8	24.8	1
1332	10	524	37.9794	89.0650	-82.5	PPM	7.07	1.65	0.91	0.0	0.0	7.774	1441.	26.	16.	763.8	24.8	1
1333	10	524	37.9794	89.0643	-83.3	PPM	6.65	0.91	0.95	0.0	0.0	6.965	1459.	36.	14.	763.3	24.8	1
1334	0	520	37.9794	89.0636	-81.3	PPM	5.21	1.95	0.90	0.375	2.165	5.774	1511.	34.	12.	763.8	24.8	1
1335	10	516	37.9794	89.0629	-80.5	PPM	4.76	0.55	1.20	0.0	0.0	3.964	1430.	41.	15.	763.8	24.8	1
1336	10	508	37.9794	89.0621	-81.5	PPM	6.75	0.40	0.94	0.0	0.0	7.202	1363.	41.	15.	763.3	24.9	1
1337	10	508	37.9794	89.0614	-81.5	PPM	5.55	1.20	0.51	0.0	0.0	10.784	1258.	41.	10.	763.3	25.0	1
1338	0	516	37.9794	89.0607	-80.8	PPM	5.52	2.19	0.75	0.397	2.940	7.409	1315.	28.	12.	763.8	25.1	1
1339	0	520	37.9794	89.0599	-81.3	PPM	7.50	2.22	0.72	0.297	3.109	10.481	1351.	40.	14.	764.3	25.0	1
1340	10	524	37.9795	89.0592	-84.8	PPM	6.17	0.99	0.75	0.0	0.0	8.204	1260.	27.	12.	763.8	25.0	1
1341	10	524	37.9795	89.0585	-85.8	PPM	6.05	0.10	0.73	0.0	0.0	8.261	1358.	37.	18.	763.3	25.0	1
1342	10	528	37.9795	89.0578	-85.8	PPM	6.77	1.78	0.61	0.0	0.0	11.043	1293.	46.	15.	763.8	25.0	1
1343	0	528	37.9795	89.0571	-87.0	PPM	5.72	3.32	0.66	0.581	4.995	8.600	1341.	37.	17.	764.3	25.0	1
1344	10	528	37.9795	89.0563	-87.3	PPM	5.86	1.44	1.00	0.0	0.0	5.850	1364.	53.	16.	763.8	25.0	1
1345	10	528	37.9795	89.0556	-85.8	PPM	5.35	1.00	0.92	0.0	0.0	5.788	1404.	33.	15.	763.3	25.0	1
1346	10	528	37.9795	89.0549	-84.3	PPM	7.62	1.20	0.78	0.0	0.0	9.759	1362.	39.	10.	763.8	25.0	1
1347	10	532	37.9795	89.0542	-84.5	PPM	5.49	1.43	0.71	0.0	0.0	7.691	1233.	37.	13.	763.8	24.9	1
1348	0	536	37.9795	89.0534	-83.5	PPM	3.83	2.18	0.92	0.569	2.381	4.183	1284.	34.	16.	763.3	25.0	1
1349	0	540	37.9795	89.0527	-82.8	PPM	5.71	2.89	0.78	0.506	3.729	7.365	1278.	42.	12.	763.8	24.9	1
1350	0	540	37.9795	89.0520	-82.8	QAL	4.44	3.63	0.47	0.817	7.753	9.486	1262.	41.	7.	763.3	24.9	1
1351	0	540	37.9795	89.0512	-83.5	QAL	5.13	3.55	0.74	0.693	4.822	6.957	1297.	31.	10.	763.8	24.9	1
1352	0	544	37.9795	89.0505	-86.5	QAL	6.20	2.28	0.91	0.368	2.509	6.823	1384.	34.	8.	763.8	25.0	1
1353	0	552	37.9795	89.0498	-87.0	QAL	3.86	2.73	0.76	0.707	3.610	5.104	1295.	39.	7.	763.3	24.9	1
1354	10	552	37.9795	89.0491	-88.0	QAL	6.52	1.50	0.81	0.0	0.0	8.074	1320.	42.	6.	763.8	24.9	1
1355	0	548	37.9795	89.0483	-91.3	QAL	5.01	4.15	1.02	0.829	4.065	4.906	1431.	40.	2.	763.8	24.9	1
1356	0	540	37.9795	89.0476	-91.5	QAL	5.58	3.88	0.89	0.694	4.348	6.265	1444.	32.	3.	763.3	24.9	1
1357	0	544	37.9796	89.0469	-90.5	QAL	5.92	3.08	1.27	0.520	2.427	4.664	1562.	32.	5.	763.3	24.9	1
1358	10	556	37.9796	89.0461	-91.5	QAL	6.70	1.59	1.23	0.0	0.0	5.440	1385.	47.	5.	763.8	25.0	1
1359	0	556	37.9796	89.0454	-90.5	QAL	4.95	3.24	0.90	0.656	3.609	5.503	1364.	36.	2.	763.8	24.9	1
1360	0	564	37.9796	89.0447	-89.8	QAL	4.27	2.87	1.32	0.673	2.171	3.224	1406.	35.	5.	764.3	25.0	1
1361	10	572	37.9796	89.0440	-89.8	QAL	7.92	2.00	0.99	0.0	0.0	7.969	1523.	46.	7.	764.3	25.0	1
1362	10	576	37.9796	89.0432	-89.0	QAL	5.95	-0.01	1.22	0.0	0.0	4.877	1504.	34.	14.	763.3	25.0	1
1363	0	576	37.9796	89.0425	-89.0	QAL	4.64	4.27	0.75	0.921	5.716	6.209	1468.	33.	11.	762.8	25.0	1
1364	10	576	37.9796	89.0418	-87.0	QAL	7.69	1.12	1.23	0.0	0.0	6.250	1467.	47.	13.	763.3	24.9	1
1365	10	580	37.9796	89.0411	-86.0	QAL	6.61	1.90	1.20	0.0	0.0	5.529	1539.	35.	9.	763.8	24.9	1
1366	10	584	37.9796	89.0403	-89.3	QAL	7.27	1.87	1.12	0.0	0.0	6.512	1555.	30.	8.	763.3	25.0	1
1367	0	592	37.9796	89.0396	-93.3	QAL	5.08	3.81	0.84	0.756	4.562	6.033	1608.	33.	7.	763.8	24.9	1
1368	0	596	37.9796	89.0389	-93.8	QAL	9.79	2.26	1.06	0.231	2.130	9.229	1556.	30.	9.	764.3	24.8	1
1369	0	592	37.9796	89.0381	-93.8	QAL	9.20	5.00	0.86	0.543	5.820	10.715	1482.	45.	5.	763.8	24.8	1
1370	0	584	37.9797	89.0374	-94.5	QAL	6.73	4.11	0.91	0.611	4.536	7.419	1489.	34.	2.	763.8	24.8	1
1371	0	560	37.9797	89.0367	-95.3	QAL	4.77	3.24	0.95	0.679	3.415	5.031	1367.	37.	6.	764.3	24.8	1
1372	0	556	37.9797	89.0360	-97.5	QAL	6.04	2.18	0.86	0.362	2.535	7.009	1334.	37.	10.	764.9	24.8	1
1373	10	552	37.9797	89.0353	-98.5	QAL	7.24	0.88	1.25	0.0	0.0	5.788	1317.	35.	9.	764.3	24.8	1
1374	0	544	37.9797	89.0345	-100.0	QAL	6.22	5.37	0.86	0.864	6.217	7.198	1448.	39.	6.	763.8	24.8	1
1375	10	544	37.9797	89.0338	-99.8	QAL	5.67	1.54	1.05	0.0	0.0	5.398	1343.	32.	10.	764.3	24.8	1
1376	0	512	37.9797	89.0331	-99.3	QAL	5.71	2.98	0.78	0.522	3.843	7.364	1310.	31.	13.	764.3	24.8	1
1377	0	508	37.9797	89.0323	-100.8	QAL	6.97	3.44	0.71	0.493	4.865	9.868	1282.	40.	7.	763.8	24.8	1
1378	10	532	37.9797	89.0316	-101.8	QAL	5.94	0.33	0.91	0.0	0.0	6.559	1260.	38.	12.	763.8	24.8	1

CP9 IP12

*	TAGS			* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1379	10	556	37.9797	89.0309	-101.8		QAL	6.42	1.38	0.97	0.0	0.0	6.616	1342.	49.	11.	764.3	24.8	1
1380	10	572	37.9797	89.0303	-101.5		QAL	6.57	2.01	0.96	0.0	0.0	6.850	1387.	58.	9.	763.8	24.9	1
1381	10	580	37.9797	89.0295	-103.0		QAL	7.58	1.94	0.98	0.0	0.0	7.751	1453.	37.	11.	763.3	24.9	1
1382	10	564	37.9797	89.0288	-104.8		QAL	7.57	0.95	1.02	0.0	0.0	7.401	1343.	40.	8.	763.3	24.9	1
1383	0	536	37.9797	89.0280	-107.3		QAL	4.55	2.49	0.75	0.547	3.334	6.091	1321.	26.	7.	763.8	24.8	1
1384	10	544	37.9797	89.0273	-108.0		QAL	5.42	1.74	0.92	0.0	0.0	5.884	1385.	36.	10.	763.8	24.9	1
1385	0	572	37.9797	89.0266	-108.0		QAL	5.26	4.82	0.79	0.917	6.071	6.621	1394.	31.	7.	764.3	24.9	1
1386	0	576	37.9797	89.0258	-110.0		QAL	8.04	3.11	0.78	0.387	3.975	10.262	1367.	34.	5.	763.8	24.9	1
1387	0	576	37.9796	89.0251	-110.8		QAL	5.80	5.12	0.50	0.883	10.313	11.674	1405.	43.	5.	763.3	24.8	1
1388	0	580	37.9796	89.0244	-111.5		PPM	4.87	2.74	0.86	0.563	3.195	5.678	1481.	32.	7.	763.8	24.8	1
1389	0	576	37.9796	89.0237	-113.5		PPM	6.15	2.14	0.95	0.347	2.258	6.503	1528.	38.	0.	762.8	24.8	1
1390	0	572	37.9796	89.0230	-114.2		PPM	9.87	4.71	1.08	0.477	4.370	9.161	1624.	34.	1.	762.8	24.9	1
1391	0	572	37.9796	89.0222	-115.2		PPM	5.74	6.39	0.63	1.114	10.140	9.102	1577.	36.	0.	763.8	24.9	1
1392	0	564	37.9796	89.0215	-116.7		PPM	8.11	3.75	1.33	0.462	2.819	6.099	1516.	35.	0.	763.3	24.9	1
1393	0	556	37.9796	89.0208	-116.7		PPM	5.16	4.77	1.35	0.924	3.529	3.819	1572.	32.	0.	763.8	24.8	1
1394	0	552	37.9796	89.0200	-117.2		PPM	5.75	3.86	1.04	0.671	3.717	5.541	1474.	36.	1.	763.8	24.8	1
1395	0	552	37.9796	89.0193	-118.7		PPM	6.09	1.89	1.10	0.310	1.716	5.532	1443.	31.	3.	764.3	24.9	1
1396	0	548	37.9796	89.0186	-120.2		PPM	7.85	4.66	1.11	0.594	4.202	7.076	1543.	32.	0.	764.3	24.8	1
1397	0	548	37.9796	89.0179	-122.5		PPM	6.03	4.03	1.07	0.668	3.783	5.665	1483.	41.	5.	764.9	24.8	1
1398	0	544	37.9796	89.0171	-121.7		PPM	6.96	4.91	0.53	0.705	9.204	13.047	1447.	45.	4.	765.4	24.8	1
1399	0	540	37.9796	89.0164	-122.0		PPM	5.54	2.46	1.34	0.444	1.842	4.149	1573.	46.	9.	764.9	24.8	1
1400	0	544	37.9795	89.0157	-123.2		PPM	6.66	3.83	0.91	0.576	4.221	7.333	1519.	49.	7.	763.8	24.8	1
1401	0	536	37.9795	89.0150	-127.2		PPM	6.43	4.20	0.73	0.654	5.769	8.828	1549.	35.	9.	764.3	24.9	1
1402	0	540	37.9795	89.0142	-129.2		PPM	4.97	2.03	1.00	0.408	2.022	4.953	1413.	43.	9.	764.9	24.9	1
1403	10	556	37.9795	89.0135	-129.7		PPM	9.35	1.26	1.13	0.0	0.0	8.280	1480.	51.	11.	764.3	24.9	1
1404	0	568	37.9795	89.0128	-129.5		PPM	5.56	2.84	1.09	0.511	2.609	5.104	1460.	34.	14.	763.3	24.9	1
1405	0	572	37.9795	89.0120	-130.7		PPM	5.28	2.06	1.23	0.390	1.670	4.282	1522.	50.	8.	763.8	24.9	1
1406	0	576	37.9794	89.0113	-130.5		PPM	5.28	2.86	0.89	0.542	3.210	5.919	1489.	43.	13.	763.8	24.9	1
1407	0	576	37.9794	89.0106	-133.0		PPM	9.91	3.32	1.07	0.335	3.109	9.275	1578.	45.	10.	763.3	25.0	1
1408	10	576	37.9794	89.0099	-134.2		PPM	9.74	0.56	1.19	0.0	0.0	8.202	1525.	40.	12.	763.8	25.0	1
1409	10	584	37.9794	89.0091	-136.5		PPM	7.04	1.23	1.03	0.0	0.0	6.854	1569.	35.	13.	762.3	24.9	1
1410	10	588	37.9795	89.0084	-137.7		PPM	7.73	1.42	0.91	0.0	0.0	8.503	1516.	34.	12.	763.8	25.0	1
1411	0	588	37.9795	89.0076	-137.7		PPM	4.47	3.38	0.87	0.756	3.887	5.143	1389.	42.	5.	764.3	24.9	1
1412	10	588	37.9795	89.0069	-138.5		PPM	5.82	0.79	0.86	0.0	0.0	6.785	1303.	50.	12.	762.3	24.9	1
1413	0	588	37.9794	89.0062	-139.7		PPM	6.58	2.20	0.78	0.334	2.820	8.440	1278.	27.	7.	763.8	24.9	1
1414	10	592	37.9794	89.0055	-139.0		PPM	3.56	1.00	0.64	0.0	0.0	5.603	1137.	41.	11.	764.3	24.9	1
1415	10	588	37.9794	89.0047	-138.5		PGO	4.65	0.99	0.50	0.0	0.0	9.345	1002.	44.	10.	763.3	24.8	1
1416	10	584	37.9794	89.0040	-140.0		PGO	3.43	0.02	0.42	0.0	0.0	8.116	907.	46.	11.	764.9	24.8	1
1417	0	548	37.9794	89.0033	-141.7		PGO	3.06	2.02	0.39	0.661	5.208	7.879	884.	41.	8.	764.9	24.8	1
1418	10	540	37.9794	89.0026	-144.7		PGO	5.51	1.35	0.66	0.0	0.0	8.338	1012.	31.	4.	763.8	24.8	1
1419	0	560	37.9794	89.0018	-145.5		PGO	3.99	2.94	0.46	0.737	6.341	8.602	1013.	28.	6.	765.4	24.7	1
1420	0	580	37.9794	89.0011	-147.5		PGO	5.64	2.62	0.65	0.465	4.066	8.736	1047.	40.	5.	763.8	24.7	1
1421	0	576	37.9794	89.0004	-149.5		PGO	4.97	3.06	0.45	0.616	6.743	10.951	1012.	41.	7.	763.8	24.7	1
1422	0	580	37.9794	88.9996	-151.5		PGO	5.80	3.97	0.43	0.685	9.259	13.515	1248.	39.	4.	765.4	24.7	1
1423	0	576	37.9794	88.9989	-153.2		PGO	2.60	3.90	0.88	1.502	4.447	2.960	1203.	53.	5.	763.8	24.7	1
1424	0	568	37.9794	88.9982	-155.0		PGO	5.52	3.56	0.93	0.644	3.835	5.950	1285.	43.	5.	764.3	24.7	1
1425	10	564	37.9793	88.9975	-155.2		PGO	6.47	1.07	1.18	0.0	0.0	5.489	1397.	45.	6.	765.9	24.8	1
1426	0	564	37.9793	88.9967	-158.0		PGO	6.90	3.21	0.91	0.465	3.507	7.545	1332.	42.	5.	763.8	24.8	1
1427	10	568	37.9793	88.9960	-159.7		PGO	3.43	0.93	0.99	0.0	0.0	3.456	1041.	49.	7.	764.3	24.8	1
1428	0	572	37.9793	88.9953	-159.7		PGO	3.07	3.03	0.48	0.988	6.358	6.434	990.	27.	8.	766.4	24.8	1
1429	10	572	37.9793	88.9946	-161.0		PGO	5.02	1.16	0.66	0.0	0.0	7.562	979.	28.	6.	764.3	24.8	1
1430	1	568	37.9793	88.9938	-162.7		PGO	2.94	2.47	0.09	0.839	0.0	0.0	861.	43.	8.	763.8	24.8	1
1431	10	568	37.9793	88.9931	-163.2		PGO	2.51	0.82	0.64	0.0	0.0	3.927	835.	47.	8.	764.9	24.8	1

* TAGS *			* LOCATION *				REDUCED DATA											
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
1432	0	560	37.9792	88.9924	-165.0	PGO	7.37	1.92	0.85	0.260	2.256	8.672	1150.	36.	5.	763.8	24.9	1
1433	0	548	37.9792	88.9917	-166.2	PGO	4.95	1.87	0.85	0.378	2.197	5.818	1326.	38.	7.	765.9	24.8	1
1434	0	500	37.9792	88.9909	-166.7	PGO	5.28	3.70	0.55	0.701	6.683	9.530	1212.	42.	0.	765.9	24.9	1
1435	0	488	37.9792	88.9902	-166.7	PGO	5.27	4.01	0.74	0.762	5.398	7.086	1236.	46.	0.	764.3	24.8	1
1436	0	480	37.9792	88.9895	-169.0	PGO	5.80	3.31	0.67	0.570	4.964	8.707	1238.	45.	3.	766.4	24.8	1
1437	0	496	37.9792	88.9887	-168.5	PGO	5.44	4.24	0.66	0.778	6.396	8.216	1340.	35.	3.	765.9	24.8	1
1438	0	512	37.9792	88.9881	-169.5	PGO	5.97	4.42	1.02	0.741	4.326	5.840	1443.	26.	2.	764.9	24.9	1
1439	0	480	37.9792	88.9873	-170.2	PGO	4.84	2.08	0.83	0.431	2.510	5.826	1309.	46.	8.	767.4	24.9	1
1440	0	464	37.9792	88.9866	-171.5	PGO	6.31	2.57	0.75	0.407	3.430	8.425	1296.	37.	8.	766.9	24.9	1
1441	0	488	37.9792	88.9859	-174.2	PGO	5.35	1.99	0.91	0.372	2.196	5.907	1353.	39.	10.	765.9	25.0	1
1442	10	496	37.9792	88.9851	-173.5	PGO	7.79	1.28	0.80	0.0	0.0	9.701	1386.	38.	9.	768.0	25.0	1
1443	10	488	37.9792	88.9843	-174.0	PGO	7.62	1.49	0.68	0.0	0.0	11.227	1336.	44.	12.	766.9	25.0	1
1444	0	492	37.9792	88.9836	-177.2	PGO	4.96	2.96	0.59	0.598	5.045	8.439	1289.	27.	6.	766.9	25.0	1
1445	0	500	37.9791	88.9829	-177.0	PGO	4.49	1.83	0.96	0.408	1.912	4.685	1262.	36.	11.	767.4	25.2	1
1446	0	508	37.9791	88.9821	-175.5	PGO	6.71	2.35	0.77	0.350	3.055	8.722	1273.	34.	5.	766.4	25.2	1
1447	0	508	37.9791	88.9814	-178.2	PGO	6.43	2.09	1.05	0.326	1.998	6.136	1341.	32.	6.	766.9	25.2	1
1448	0	516	37.9791	88.9807	-179.7	PGO	5.51	1.71	0.96	0.311	1.779	5.724	1326.	39.	8.	766.4	25.2	1
1449	10	516	37.9791	88.9800	-179.5	QAL	6.87	1.44	1.10	0.0	0.0	6.243	1298.	42.	7.	764.9	25.2	1
1450	0	512	37.9791	88.9792	-181.7	QAL	4.35	2.60	0.97	0.598	2.669	4.466	1353.	38.	5.	765.4	25.2	1
1451	0	516	37.9791	88.9785	-183.2	QAL	4.75	2.81	1.17	0.591	2.407	4.074	1439.	31.	3.	765.4	25.2	1
1452	0	520	37.9791	88.9778	-185.0	QAL	7.08	1.99	1.06	0.281	1.880	6.691	1421.	36.	4.	765.9	25.2	1
1453	0	524	37.9791	88.9771	-185.0	QAL	6.19	3.81	1.16	0.616	3.278	5.320	1529.	47.	3.	766.4	25.2	1
1454	10	528	37.9791	88.9763	-185.2	QAL	7.73	1.71	1.17	0.0	0.0	6.607	1463.	37.	2.	765.4	25.2	1
1455	0	532	37.9791	88.9756	-187.7	QAL	5.31	2.69	1.13	0.506	2.387	4.716	1481.	30.	4.	765.4	25.2	1
1456	0	524	37.9791	88.9749	-188.2	QAL	6.53	1.89	1.00	0.290	1.889	6.511	1442.	43.	8.	765.4	25.2	1
1457	10	528	37.9791	88.9742	-189.7	QAL	7.17	1.62	1.27	0.0	0.0	5.628	1509.	26.	12.	765.9	25.1	1
1458	0	520	37.9790	88.9735	-190.2	QAL	5.48	1.79	1.18	0.326	1.512	4.631	1484.	39.	9.	765.4	25.1	1
1459	0	500	37.9790	88.9727	-191.7	QAL	6.55	2.12	1.21	0.323	1.757	5.431	1438.	56.	12.	764.9	25.1	1
1460	10	512	37.9790	88.9720	-193.5	QAL	7.63	0.57	0.89	0.0	0.0	8.559	1446.	40.	14.	765.4	25.2	1
1461	10	484	37.9790	88.9713	-193.5	QAL	6.49	1.12	1.11	0.0	0.0	5.855	1397.	28.	12.	764.9	25.2	1
1462	0	504	37.9790	88.9706	-193.7	QAL	7.87	2.27	1.13	0.288	2.014	6.985	1509.	45.	13.	763.8	25.2	1
1463	10	512	37.9790	88.9698	-196.0	QAL	7.08	1.51	0.95	0.0	0.0	7.437	1460.	44.	14.	765.4	25.2	1
1464	10	492	37.9790	88.9691	-197.2	QAL	8.80	1.80	0.92	0.0	0.0	9.565	1452.	36.	9.	765.9	25.2	1
1465	0	508	37.9790	88.9684	-199.0	QAL	7.37	2.54	0.92	0.344	2.767	8.038	1386.	40.	9.	765.4	25.1	1
1466	0	504	37.9790	88.9677	-199.7	QAL	6.74	1.87	1.01	0.278	1.847	6.651	1447.	28.	6.	765.9	25.1	1
1467	10	480	37.9790	88.9669	-199.2	QAL	6.55	1.07	0.95	0.0	0.0	6.868	1375	30.	9.	765.9	25.1	1
1468	0	512	37.9790	88.9662	-200.0	QAL	5.91	1.94	1.06	0.329	1.830	5.566	1403.	35.	8.	765.4	25.1	1
1469	0	508	37.9790	88.9655	-202.2	QAL	5.63	4.30	1.03	0.764	4.162	5.449	1454.	30.	5.	765.4	25.1	1
1470	0	496	37.9789	88.9648	-202.2	QAL	6.50	2.97	1.08	0.457	2.757	6.027	1473.	31.	6.	765.9	25.1	1
1471	0	484	37.9789	88.9640	-203.0	QAL	7.57	2.82	0.86	0.372	3.289	8.833	1417.	44.	4.	765.4	25.2	1
1472	10	480	37.9789	88.9632	-205.7	QAL	6.46	1.62	1.04	0.0	0.0	6.219	1563.	37.	7.	764.9	25.0	1
1473	0	480	37.9789	88.9625	-206.2	QAL	7.15	2.59	0.82	0.362	3.171	8.762	1563.	31.	7.	765.4	25.1	1
1474	0	476	37.9789	88.9617	-206.2	QAL	7.80	1.88	1.16	0.241	1.616	6.710	1465.	45.	9.	765.9	25.1	1
1475	0	464	37.9789	88.9610	-208.5	QAL	8.30	3.45	0.79	0.415	4.348	10.480	1568.	39.	7.	766.4	25.1	1
1476	10	452	37.9789	88.9603	-209.5	QAL	6.68	0.13	1.42	0.0	0.0	4.709	1566.	41.	13.	766.4	25.1	1
1477	10	448	37.9789	88.9596	-209.0	QAL	8.72	0.37	1.37	0.0	0.0	6.374	1692.	33.	9.	765.9	25.1	1
1478	0	444	37.9789	88.9588	-211.5	QAL	6.93	1.78	1.18	0.257	1.504	5.862	1502.	35.	10.	766.4	25.1	1
1479	0	444	37.9789	88.9582	-212.2	QAL	6.69	1.77	0.90	0.265	1.974	7.443	1608.	31.	11.	766.9	25.1	1
1480	0	456	37.9789	88.9574	-213.2	QAL	5.90	3.22	1.13	0.546	2.849	5.219	1563.	41.	7.	765.4	25.2	1
1481	0	468	37.9789	88.9567	-215.2	QAL	5.67	3.64	0.96	0.642	3.814	5.938	1560.	52.	8.	765.9	25.2	1
1482	0	472	37.9789	88.9560	-215.5	QAL	6.84	3.30	1.04	0.482	3.178	6.593	1577.	53.	5.	766.4	25.2	1
1483	10	468	37.9788	88.9552	-216.2	QAL	6.93	1.30	1.31	0.0	0.0	5.286	1511.	35.	3.	766.4	25.1	1
1484	0	476	37.9788	88.9545	-218.7	QAL	8.09	3.52	0.97	0.435	3.632	8.355	1551.	39.	0.	766.4	25.2	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1485	0	488	37.9788	88.9538	-219.5	QAL	7.64	3.86	1.00	0.505	3.853	7.631	1507.	35.	0.	766.4	25.1	1
1486	0	452	37.9788	88.9531	-218.2	QAL	6.29	4.49	1.00	0.714	4.505	6.311	1528.	29.	0.	765.9	25.1	1
1487	0	420	37.9788	88.9523	-217.7	QAL	4.49	2.17	0.79	0.483	2.730	5.650	1246.	46.	0.	765.9	25.1	1
1488	0	456	37.9788	88.9516	-218.0	QAL	4.90	2.51	1.12	0.512	2.239	4.378	1434.	33.	0.	766.4	25.1	1
1489	10	472	37.9788	88.9509	-216.7	QAL	7.95	1.52	1.17	0.0	0.0	6.788	1471.	42.	0.	766.9	25.0	1
1490	0	456	37.9787	88.9502	-215.0	QAL	7.04	1.76	0.98	0.250	1.796	7.187	1495.	46.	0.	766.9	25.1	1
1491	0	448	37.9787	88.9495	-215.7	QAL	6.22	4.14	0.98	0.666	4.232	6.356	1591.	50.	0.	765.9	25.2	1
1492	0	460	37.9787	88.9487	-219.5	QAL	7.66	1.90	1.20	0.248	1.587	6.391	1523.	41.	0.	765.4	25.3	1
1493	0	460	37.9787	88.9480	-221.0	QAL	7.45	4.54	0.92	0.609	4.918	8.076	1589.	31.	0.	766.4	25.4	1
1494	0	464	37.9787	88.9473	-221.2	QAL	7.46	5.12	0.87	0.686	5.889	8.583	1638.	42.	5.	766.4	25.5	1
1495	0	472	37.9787	88.9466	-224.2	QAL	6.14	2.90	1.30	0.472	2.228	4.717	1670.	30.	9.	766.4	25.4	1
1496	0	476	37.9787	88.9458	-225.7	QAL	8.00	2.43	1.04	0.304	2.342	7.712	1666.	34.	11.	766.9	25.3	1
1497	0	464	37.9787	88.9451	-224.2	QAL	5.22	3.38	0.85	0.647	3.997	6.176	1612.	40.	9.	766.9	25.2	1
1498	0	460	37.9787	88.9444	-223.2	QAL	6.58	3.23	1.02	0.490	3.158	6.439	1581.	42.	11.	766.4	25.2	1
1499	10	472	37.9787	88.9436	-225.5	QAL	9.41	-0.49	1.41	0.0	0.0	6.697	1617.	43.	11.	765.9	25.1	1
1500	10	476	37.9787	88.9429	-227.5	PPB	8.92	1.19	1.15	0.0	0.0	7.770	1656.	50.	10.	765.4	25.2	1
1501	0	472	37.9787	88.9422	-227.0	PPB	7.14	5.03	0.81	0.704	6.219	8.829	1666.	41.	3.	765.9	25.2	1
1502	0	468	37.9787	88.9415	-225.5	PPB	9.66	2.54	1.07	0.263	2.376	9.046	1603.	42.	4.	765.9	25.2	1
1503	0	472	37.9786	88.9407	-222.7	PPB	7.18	3.05	0.85	0.424	3.566	8.402	1686.	31.	4.	766.4	25.2	1
1504	0	480	37.9786	88.9399	-223.0	PPB	6.86	5.18	1.20	0.755	4.327	5.731	1625.	43.	2.	766.9	25.2	1
1505	0	476	37.9786	88.9392	-228.0	PPB	5.25	2.47	1.11	0.469	2.228	4.747	1599.	50.	6.	765.4	25.1	1
1506	0	464	37.9786	88.9385	-232.2	PPB	8.00	2.37	1.23	0.296	1.926	6.506	1572.	46.	8.	763.8	25.0	1
1507	10	460	37.9786	88.9378	-233.5	PPB	5.81	1.41	1.09	0.0	0.0	5.355	1522.	40.	8.	765.4	25.2	1
1508	10	464	37.9786	88.9371	-235.7	PPB	9.78	1.33	1.02	0.0	0.0	9.627	1496.	50.	14.	765.4	25.2	1
1509	0	464	37.9786	88.9363	-237.2	PPB	5.97	4.16	0.83	0.696	5.037	7.235	1618.	30.	14.	765.9	25.2	1
1510	10	460	37.9786	88.9356	-236.2	PPB	6.81	0.96	0.80	0.0	0.0	8.518	1566.	42.	17.	766.4	25.2	1
1511	10	452	37.9786	88.9349	-236.2	PPB	5.57	1.73	0.95	0.0	0.0	5.879	1617.	37.	18.	765.4	25.2	1
1512	0	444	37.9786	88.9341	-235.5	PPB	3.93	2.45	0.85	0.624	2.879	4.613	1438.	51.	21.	764.9	25.2	1
1513	10	448	37.9786	88.9334	-233.0	PPB	6.63	0.76	1.02	0.0	0.0	6.500	1394.	30.	16.	765.4	25.1	1
1514	10	440	37.9786	88.9327	-236.0	PPB	8.16	0.70	0.89	0.0	0.0	9.148	1500.	31.	16.	764.9	25.1	1
1515	0	432	37.9785	88.9320	-238.2	PPB	7.67	1.81	1.32	0.237	1.375	5.810	1612.	30.	9.	765.4	25.1	1
1516	0	424	37.9785	88.9312	-238.0	PPB	7.76	3.40	1.21	0.438	2.802	6.399	1629.	44.	11.	765.4	25.1	1
1517	10	416	37.9785	88.9305	-240.2	PPB	9.42	1.12	1.02	0.0	0.0	9.202	1657.	40.	11.	765.4	25.2	1
1518	0	412	37.9785	88.9298	-241.2	PPB	7.21	2.75	1.11	0.381	2.481	6.508	1640.	42.	8.	765.4	25.2	1
1519	0	412	37.9785	88.9291	-238.7	PPB	9.35	1.79	1.20	0.191	1.491	7.800	1591	32.	6.	765.4	25.2	1
1520	0	408	37.9785	88.9283	-238.2	PPB	6.59	2.36	1.06	0.359	2.237	6.236	1596.	51.	7.	765.4	25.2	1
1521	0	404	37.9785	88.9276	-232.2	PPB	9.73	1.89	0.99	0.194	1.908	9.837	1581.	34.	7.	765.4	25.2	1
1522	0	396	37.9784	88.9269	-227.0	PPB	10.19	1.95	1.21	0.191	1.612	8.430	1531.	47.	4.	766.4	25.3	1
1523	0	396	37.9784	88.9261	-230.5	PPB	7.84	3.34	1.08	0.426	3.093	7.269	1580.	39.	3.	765.9	25.3	1
1524	0	412	37.9784	88.9254	-234.7	PPB	8.59	2.86	0.92	0.333	3.109	9.329	1512.	48.	5.	764.9	25.3	1
1525	0	424	37.9784	88.9247	-231.7	PPB	7.87	1.55	1.14	0.196	1.359	6.918	1517.	33.	4.	764.9	25.3	1
1526	0	432	37.9784	88.9240	-235.5	PPB	7.13	3.10	1.07	0.436	2.912	6.686	1437.	40.	1.	765.4	25.4	1
1527	0	440	37.9784	88.9232	-243.2	PPB	6.37	2.56	1.06	0.402	2.424	6.027	1383.	45.	2.	765.9	25.3	1
1528	0	444	37.9784	88.9225	-246.2	PPB	7.43	3.46	0.85	0.465	4.086	8.785	1451.	40.	4.	765.9	25.3	1
1529	10	444	37.9784	88.9218	-248.0	PPB	9.01	0.47	1.39	0.0	0.0	6.502	1525.	30.	8.	764.9	25.3	1
1530	10	432	37.9784	88.9211	-248.7	PPB	7.65	1.26	1.20	0.0	0.0	6.363	1553.	34.	4.	765.4	25.2	1
1531	0	424	37.9784	88.9203	-248.5	PPB	8.75	2.56	1.05	0.293	2.431	8.299	1572.	35.	2.	766.4	25.2	1
1532	0	412	37.9784	88.9196	-249.0	PPB	8.39	2.29	1.10	0.273	2.089	7.648	1523.	32.	4.	765.4	25.2	1
1533	0	412	37.9784	88.9188	-248.5	PPB	7.39	3.02	1.12	0.408	2.692	6.594	1551.	38.	5.	765.4	25.1	1
1534	0	412	37.9784	88.9181	-248.7	PPB	9.48	2.51	0.91	0.265	2.758	10.405	1526.	39.	1.	765.4	25.1	1
1535	0	404	37.9783	88.9174	-248.7	PPB	6.59	2.98	1.14	0.452	2.626	5.805	1504.	45.	9.	765.4	25.1	1
1536	0	396	37.9783	88.9167	-249.7	PPB	5.91	3.87	0.93	0.655	4.161	6.355	1447.	41.	7.	766.4	25.1	1
1537	0	400	37.9783	88.9159	-252.5	PPB	9.18	2.37	1.16	0.258	2.035	7.886	1654.	35.	5.	766.4	25.2	1

CP 9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1538	0	404	37.9783	88.9152	-254.5	PPB	7.88	2.20	1.37	0.280	1.605	5.736	1590.	32.	7.	765.9	25.2	1
1539	0	404	37.9783	88.9145	-254.2	PPB	7.23	2.48	1.05	0.343	2.372	6.911	1477.	44.	10.	766.4	25.0	1
1540	0	408	37.9783	88.9137	-254.5	PPB	6.44	2.40	0.75	0.372	3.204	8.606	1398.	56.	10.	766.4	25.0	1
1541	0	408	37.9783	88.9130	-252.7	PPB	4.45	2.04	1.06	0.460	1.937	4.215	1278.	35.	7.	765.9	25.1	1
1542	0	404	37.9783	88.9123	-250.7	PPB	6.93	2.45	0.77	0.353	3.167	8.971	1287.	37.	7.	765.9	25.1	1
1543	0	400	37.9783	88.9116	-249.2	PPB	5.82	3.05	0.69	0.524	4.427	8.455	1242.	38.	9.	766.4	25.0	1
1544	10	400	37.9783	88.9108	-250.7	PPB	5.13	1.31	1.13	0.0	0.0	4.535	1286.	37.	10.	766.4	25.0	1
1545	0	400	37.9783	88.9101	-252.0	PPB	4.62	3.06	0.93	0.663	3.287	4.955	1330.	39.	9.	766.4	25.0	1
1546	0	404	37.9783	88.9094	-253.2	PPB	6.38	3.21	1.13	0.502	2.827	5.628	1477.	37.	5.	766.9	25.0	1
1547	0	404	37.9782	88.9087	-255.2	PPB	6.11	1.83	0.92	0.300	1.995	6.642	1491.	33.	10.	766.9	25.0	1
1548	0	396	37.9782	88.9079	-255.7	PPB	7.39	2.41	0.96	0.326	2.502	7.669	1596.	42.	12.	766.4	25.0	1
1549	0	396	37.9782	88.9072	-256.7	PPB	9.02	2.64	1.09	0.292	2.428	8.306	1639.	29.	11.	766.4	25.1	1
1550	0	400	37.9782	88.9065	-256.2	PPB	8.64	1.73	1.17	0.201	1.482	7.385	1502.	49.	8.	765.9	25.1	1
1551	0	400	37.9782	88.9057	-257.2	PPB	7.69	3.36	0.94	0.437	3.583	8.195	1617.	36.	5.	765.9	25.1	1
1552	0	404	37.9782	88.9050	-257.2	PPB	5.79	1.87	1.12	0.323	1.670	5.168	1503.	42.	6.	766.4	25.2	1
1553	0	404	37.9782	88.9043	-259.0	PPB	7.43	3.92	0.99	0.527	3.972	7.533	1522.	41.	3.	766.4	25.2	1
1554	0	412	37.9782	88.9036	-258.5	PPB	7.51	3.66	0.78	0.488	4.723	9.687	1497.	50.	1.	766.4	25.1	1
1555	0	424	37.9782	88.9028	-257.2	PPB	7.72	3.70	1.10	0.479	3.367	7.026	1662.	34.	3.	765.4	25.2	1
1556	0	424	37.9782	88.9021	-257.7	PPB	9.21	3.69	0.97	0.401	3.820	9.528	1604.	36.	0.	765.4	25.1	1
1557	0	424	37.9782	88.9014	-258.2	PPB	8.03	2.76	0.99	0.343	2.784	8.111	1612.	46.	0.	765.4	25.1	1
1558	0	424	37.9782	88.9007	-259.0	PPB	9.95	2.32	1.14	0.233	2.040	8.765	1625.	43.	0.	765.9	25.1	1
1559	0	424	37.9782	88.9000	-260.0	PPB	7.75	2.62	1.04	0.338	2.523	7.459	1575.	36.	2.	765.9	25.0	1
1560	0	436	37.9781	88.8992	-262.0	PPB	6.94	2.01	1.29	0.289	1.558	5.388	1663.	47.	4.	765.9	25.1	1
1561	0	440	37.9781	88.8985	-262.0	PPB	8.62	3.35	1.05	0.389	3.183	8.182	1596.	40.	0.	765.9	25.1	1
1562	10	444	37.9781	88.8978	-262.0	PPB	8.09	1.34	1.53	0.0	0.0	5.283	1674.	49.	6.	765.4	25.1	1
1563	0	448	37.9781	88.8970	-261.2	PPB	8.65	2.74	1.24	0.317	2.205	6.960	1651.	39.	6.	765.4	25.1	1
1564	0	452	37.9781	88.8962	-262.0	PPB	8.05	3.79	1.14	0.470	3.335	7.089	1691.	36.	4.	766.4	25.1	1
1565	10	460	37.9781	88.8955	-261.7	PPB	7.30	0.98	1.17	0.0	0.0	6.253	1662.	38.	11.	766.4	25.1	1
1566	0	464	37.9781	88.8948	-261.5	PPB	7.00	2.78	1.03	0.398	2.698	6.785	1670.	41.	10.	766.4	25.2	1
1567	10	472	37.9780	88.8941	-261.2	PPB	10.05	0.47	1.25	0.0	0.0	8.023	1644.	41.	13.	766.4	25.2	1
1568	10	480	37.9780	88.8934	-262.2	PPB	8.83	0.74	1.25	0.0	0.0	7.046	1626.	48.	13.	766.4	25.3	1
1569	10	484	37.9780	88.8926	-263.2	PPB	7.04	1.27	1.31	0.0	0.0	5.358	1736.	47.	12.	765.4	25.3	1
1570	0	484	37.9780	88.8919	-263.5	PPB	7.40	2.17	1.31	0.293	1.649	5.632	1616.	49.	13.	765.4	25.3	1
1571	10	484	37.9780	88.8912	-264.0	PPB	6.35	1.54	1.34	0.0	0.0	4.747	1505.	52.	14.	765.4	25.3	1
1572	10	488	37.9780	88.8905	-263.7	PPB	9.90	1.26	0.97	0.0	0.0	10.158	1500.	44.	7.	765.4	25.3	1
1573	10	500	37.9780	88.8897	-264.0	PPB	8.25	1.40	1.10	0.0	0.0	7.532	1502.	48.	7.	766.4	25.3	1
1574	0	504	37.9780	88.8890	-264.2	PPB	5.02	3.25	1.18	0.646	2.743	4.244	1525.	48.	8.	765.9	25.3	1
1575	0	508	37.9780	88.8883	-264.7	PPB	6.55	4.32	0.96	0.660	4.480	6.792	1539.	42.	9.	765.4	25.2	1
1576	10	512	37.9780	88.8875	-264.7	PPB	9.38	0.10	1.24	0.0	0.0	7.544	1623.	37.	8.	766.9	25.2	1
1577	0	508	37.9780	88.8869	-265.7	PPB	7.11	3.42	1.14	0.482	3.007	6.245	1660.	31.	6.	767.4	25.2	1
1578	0	500	37.9780	88.8861	-265.7	PPB	9.16	2.24	1.29	0.244	1.741	7.125	1644.	35.	10.	765.9	25.1	1
1579	10	496	37.9780	88.8854	-265.7	PPB	7.05	1.73	1.27	0.0	0.0	5.569	1633.	39.	10.	766.4	25.1	1
1580	0	492	37.9779	88.8847	-266.5	PPB	7.32	2.43	0.93	0.331	2.607	7.866	1606.	43.	11.	767.4	25.2	1
1581	0	488	37.9779	88.8839	-267.2	PPB	5.41	4.09	1.13	0.756	3.618	4.783	1668.	32.	10.	766.4	25.2	1
1582	0	488	37.9779	88.8832	-267.7	PPB	5.80	2.80	1.01	0.482	2.759	5.722	1633.	47.	10.	765.9	25.2	1
1583	10	484	37.9779	88.8825	-267.7	PPB	7.57	1.74	1.09	0.0	0.0	6.934	1552.	46.	11.	766.4	25.2	1
1584	10	484	37.9779	88.8818	-267.2	PPB	7.93	0.23	1.18	0.0	0.0	6.712	1450.	41.	10.	766.4	25.2	1
1585	10	484	37.9779	88.8810	-268.0	PPB	8.11	0.71	1.27	0.0	0.0	6.406	1459.	39.	9.	766.4	25.2	1
1586	0	488	37.9779	88.8803	-267.5	PPB	7.98	2.01	0.74	0.252	2.719	10.774	1353.	35.	10.	766.9	25.2	1
1587	0	488	37.9779	88.8796	-268.2	QAL	4.88	1.98	0.78	0.405	2.534	6.258	1210.	39.	7.	766.4	25.2	1
1588	10	488	37.9779	88.8789	-269.7	QAL	5.18	0.11	0.95	0.0	0.0	5.430	1166.	29.	15.	766.9	25.2	1
1589	10	488	37.9779	88.8782	-270.2	QAL	3.83	-0.64	0.92	0.0	0.0	4.178	1024.	38.	14.	767.4	25.2	1
1590	10	484	37.9779	88.8774	-270.2	QAL	5.06	1.14	0.73	0.0	0.0	6.915	1039.	37.	14.	766.4	25.1	1

* TAGS *			* LOCATION *				REDUCED DATA											
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
1591	10	488	37.9779	88.8767	-270.7	QAL	3.55	0.95	0.59	0.0	0.0	5.983	1030.	44.	12.	766.9	25.1	1
1592	0	488	37.9778	88.8760	-270.2	QAL	5.68	2.16	0.76	0.379	2.821	7.437	1246.	36.	13.	766.4	25.2	1
1593	0	488	37.9778	88.8752	-271.2	QAL	3.69	2.34	0.78	0.634	3.001	4.732	1208.	36.	13.	765.9	25.3	1
1594	0	488	37.9778	88.8744	-271.0	QAL	5.86	2.10	0.77	0.358	2.734	7.633	1337.	31.	10.	766.9	25.2	1
1595	0	484	37.9778	88.8737	-269.5	QAL	6.91	2.22	0.85	0.321	2.606	8.109	1407.	45.	9.	768.0	25.2	1
1596	0	48[illegible]	37.9778	88.8730	-269.7	QAL	6.89	3.71	1.30	0.539	2.862	5.314	1452.	41.	5.	767.4	25.2	1
1597	0	480	37.9778	88.8723	-270.0	QAL	7.07	1.88	1.17	0.266	1.611	6.062	1484.	42.	6.	765.9	25.2	1
1598	0	476	37.9778	88.8716	-268.2	QAL	5.93	1.75	0.77	0.296	2.289	7.743	1255.	32.	6.	765.9	25.2	1
1599	0	476	37.9777	88.8708	-268.2	QAL	2.89	3.35	0.70	1.158	4.807	4.153	1213.	38.	6.	768.0	25.2	1
1600	0	476	37.9777	88.8701	-268.0	QAL	2.49	2.38	0.64	0.959	3.715	3.875	950.	57.	6.	766.9	25.2	1
1601	0	480	37.9777	88.8694	-266.0	QAL	3.33	2.53	0.65	0.762	3.910	5.131	1026.	38.	2.	765.4	25.2	1
1602	10	480	37.9777	88.8687	-266.0	QAL	4.96	0.93	0.81	0.0	0.0	6.136	1190.	28.	9.	767.4	25.3	1
1603	10	488	37.9777	88.8679	-266.7	QAL	4.95	1.16	0.77	0.0	0.0	6.453	1233.	31.	9.	768.0	25.2	1
1604	10	488	37.9777	88.8672	-267.0	QAL	5.67	0.42	0.87	0.0	0.0	6.552	1206.	31.	11.	766.4	25.2	1
1605	0	488	37.9777	88.8665	-265.5	QAL	5.99	2.20	0.62	0.368	3.576	9.709	1199.	25.	9.	766.4	25.2	1
1606	10	484	37.9777	88.8657	-263.0	QAL	5.46	0.04	0.83	0.0	0.0	6.540	1066.	43.	12.	766.4	25.3	1
1607	0	484	37.9777	88.8650	-262.5	QAL	3.78	3.37	0.76	0.891	4.439	4.980	1168.	35.	8.	766.4	25.4	1
1608	10	492	37.9777	88.8643	-264.2	QAL	5.78	1.14	1.07	0.0	0.0	5.397	1192.	34.	7.	766.9	25.4	1
1609	0	500	37.9777	88.8636	-263.5	QAL	4.75	2.62	0.78	0.551	3.346	6.078	1291.	39.	7.	766.9	25.4	1
1610	10	500	37.9777	88.8628	-262.5	QAL	5.70	1.61	0.84	0.0	0.0	6.830	1373.	48.	5.	766.4	25.3	1
1611	10	500	37.9777	88.8621	-263.7	QAL	8.05	1.09	1.05	0.0	0.0	7.662	1465.	28.	9.	765.9	25.3	1
1612	0	480	37.9776	88.8614	-264.0	QAL	6.01	2.64	0.95	0.440	2.788	6.339	1520.	42.	7.	766.4	25.3	1
1613	0	460	37.9776	88.8607	-264.7	QAL	3.83	3.94	0.87	1.029	4.525	4.398	1391.	45.	9.	766.4	25.3	1
1614	0	488	37.9776	88.8599	-264.5	QAL	5.69	2.22	1.11	0.391	1.997	5.112	1564.	40.	9.	765.9	25.4	1
1615	0	492	37.9776	88.8592	-263.5	PPB	7.26	2.59	0.92	0.35[illegible]	2.798	7.861	1457.	31.	9.	766.4	25.4	1
1616	0	488	37.9776	88.8585	-265.0	PPB	7.51	3.95	0.85	0.526	4.671	8.878	1589.	44.	9.	765.9	25.4	1
1617	10	492	37.9776	88.8577	-267.0	PPB	6.80	1.19	1.02	0.0	0.0	6.693	1561.	40.	10.	766.4	25.4	1
1618	10	492	37.9776	88.8570	-268.5	PPB	7.19	1.50	1.14	0.0	0.0	6.289	1611.	44.	11.	766.4	25.4	1
1619	0	496	37.9776	88.8563	-271.7	PPB	6.70	3.26	0.85	0.487	3.826	7.862	1514.	41.	8.	766.4	25.3	1
1620	0	496	37.9776	88.8556	-272.2	PPB	7.34	2.08	0.96	0.284	2.164	7.627	1557.	31.	10.	767.4	25.4	1
1621	0	496	37.9776	88.8548	-274.5	QAL	6.78	4.11	1.24	0.606	3.309	5.458	1645.	26.	11.	765.9	25.3	1
1622	0	496	37.9776	88.8541	-274.5	QAL	7.55	3.20	0.76	0.424	4.220	9.948	1528.	46.	10.	764.9	25.3	1
1623	10	492	37.9776	88.8534	-272.7	QAL	7.35	0.81	1.31	0.0	0.0	5.595	1584.	34.	11.	766.9	25.3	1
1624	0	484	37.9776	88.8526	-274.5	QAL	7.36	3.31	0.85	0.450	3.898	8.654	1607.	35.	10.	765.9	25.3	1
1625	10	480	37.9775	88.8519	-274.2	QAL	8.12	1.74	1.03	0.0	0.0	7.869	1534.	39.	12.	765.4	25.4	1
1626	10	480	37.9775	88.8512	-272.7	QAL	7.84	0.05	1.41	0.0	0.0	5.574	1514.	56.	13.	766.9	25.5	1
1627	0	484	37.9775	88.8505	-272.5	QAL	5.45	2.33	1.44	0.427	1.619	3.789	1502.	37.	13.	765.9	25.5	1
1628	0	480	37.9775	88.8497	-274.0	QAL	6.44	2.20	1.22	0.342	1.806	5.276	1525.	45.	14.	766.9	25.5	1
1629	0	484	37.9775	88.8490	-273.5	QAL	7.31	2.08	1.09	0.284	1.903	6.691	1566.	37.	13.	766.4	25.5	1
1630	10	488	37.9775	88.8483	-272.5	QAL	7.80	0.76	1.16	0.0	0.0	6.712	1587.	37.	15.	764.9	25.5	1
1631	10	484	37.9775	88.8476	-272.5	QAL	6.85	0.53	0.98	0.0	0.0	7.013	1471.	48.	12.	766.9	25.5	1
1632	0	484	37.9775	88.8468	-272.5	QAL	7.24	2.36	0.92	0.325	2.574	7.911	1547.	35.	9.	766.4	25.5	1
1633	10	484	37.9775	88.8462	-272.0	QAL	7.06	0.71	1.23	0.0	0.0	5.731	1462.	41.	10.	765.9	25.5	1
1634	10	484	37.9775	88.8455	-271.2	QAL	6.97	1.28	1.21	0.0	0.0	5.756	1549.	37.	11.	766.4	25.5	1
1635	0	488	37.9775	88.8448	-271.2	QAL	5.70	1.92	1.26	0.337	1.525	4.520	1585.	39.	9.	764.9	25.5	1
1636	0	492	37.9775	88.8441	-271.0	QAL	7.76	1.83	1.21	0.236	1.514	6.428	1527.	42.	9.	766.4	25.6	1
1637	10	496	37.9775	88.8433	-270.2	QAL	8.19	1.30	1.12	0.0	0.0	7.310	1535.	29.	6.	766.9	25.6	1
1638	0	504	37.9775	88.8426	-269.5	QAL	5.30	1.81	1.24	0.341	1.464	4.292	1468.	35.	7.	765.4	25.6	1
1639	10	504	37.9775	88.8419	-268.7	QAL	7.39	1.40	0.97	0.0	0.0	7.646	1422.	38.	4.	765.9	25.6	1
1640	0	504	37.9775	88.8411	-270.0	QAL	6.18	3.82	0.82	0.618	4.644	7.513	1363.	30.	3.	765.9	25.5	1
1641	0	484	37.9775	88.8404	-269.0	QAL	4.62	2.59	1.27	0.560	2.036	3.635	1356.	41.	1.	765.9	25.5	1
1642	10	436	37.9775	88.8397	-269.0	QAL	5.94	1.15	0.76	0.0	0.0	7.849	1177.	35.	6.	766.4	25.5	1
1643	0	460	37.9775	88.8390	-270.0	QAL	6.51	2.10	0.81	0.323	2.613	8.090	1232.	40.	4.	766.4	25.4	1

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* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1644	10	456	37.9775	88.8383	-269.5	QAL	5.39	0.86	0.96	0.0	0.0	5.600	1310.	35.	7.	766.9	25.5	1
1645	0	424	37.9775	88.8376	-269.7	QAL	5.48	2.38	0.73	0.434	3.256	7.507	1291.	33.	7.	766.4	25.4	1
1646	0	440	37.9775	88.8369	-269.2	QAL	5.84	3.36	0.69	0.576	4.871	8.461	1277.	49.	5.	766.4	25.4	1
1647	0	456	37.9774	88.8361	-269.5	QAL	7.32	2.17	0.97	0.296	2.227	7.527	1396.	38.	7.	767.4	25.5	1
1648	0	452	37.9774	88.8354	-269.0	QAL	5.48	2.01	1.04	0.366	1.922	5.248	1391.	38.	10.	765.9	25.5	1
1649	0	424	37.9774	88.8347	-270.0	QAL	4.44	2.44	0.84	0.550	2.909	5.287	1319.	38.	8.	766.4	25.5	1
1650	10	424	37.9774	88.8339	-268.5	QAL	5.58	1.33	1.05	0.0	0.0	5.312	1384.	45.	13.	766.9	25.5	1
1651	10	456	37.9774	88.8333	-267.5	QAL	8.70	0.33	1.03	0.0	0.0	8.442	1492.	32.	12.	766.4	25.5	1
1652	10	468	37.9774	88.8326	-267.0	QAL	5.74	1.39	1.32	0.0	0.0	4.366	1507.	30.	12.	766.9	25.5	1
1653	0	476	37.9774	88.8318	-267.0	QAL	7.64	2.27	0.99	0.297	2.295	7.729	1547.	34.	12.	766.4	25.4	1
1654	0	476	37.9774	88.8311	-267.0	QAL	7.29	2.26	0.98	0.309	2.299	7.431	1513.	26.	13.	765.9	25.5	1
1655	10	480	37.9774	88.8304	-267.2	QAL	10.01	1.80	0.89	0.0	0.0	11.231	1538.	35.	13.	766.4	25.5	1
1656	10	480	37.9774	88.8297	-267.5	QAL	9.55	0.19	1.01	0.0	0.0	9.443	1438.	38.	12.	765.4	25.5	1
1657	10	468	37.9774	88.8289	-266.7	QAL	4.78	1.57	1.30	0.0	0.0	3.678	1500.	48.	13.	765.4	25.5	1
1658	0	456	37.9774	88.8282	-266.5	QAL	7.81	2.35	1.11	0.301	2.120	7.033	1520.	28.	10.	765.4	25.6	1
1659	10	464	37.9774	88.8275	-266.0	QAL	8.16	0.59	1.23	0.0	0.0	6.643	1458.	47.	11.	765.9	25.6	1
1660	10	460	37.9774	88.8269	-266.2	QAL	5.98	0.60	1.25	0.0	0.0	4.796	1487.	33.	10.	766.9	25.7	1
1661	0	460	37.9774	88.8261	-266.7	QAL	7.23	2.11	0.90	0.292	2.353	8.052	1459.	44.	8.	766.9	25.6	1
1662	0	460	37.9774	88.8254	-264.7	QAL	8.19	2.88	0.93	0.352	3.107	8.834	1578.	35.	9.	766.4	25.6	1
1663	0	436	37.9774	88.8247	-265.0	QAL	8.52	1.97	0.86	0.232	2.305	9.954	1544.	43.	7.	765.9	25.5	1
1664	0	440	37.9774	88.8240	-264.5	QAL	6.27	2.30	1.12	0.366	2.054	5.606	1481.	47.	9.	765.9	25.5	1
1665	0	448	37.9774	88.8232	-263.7	QAL	7.25	3.84	0.73	0.530	5.223	9.862	1500.	45.	7.	766.4	25.5	1
1666	0	448	37.9774	88.8225	-264.2	QAL	10.51	2.61	1.24	0.248	2.112	8.500	1595.	40.	7.	766.4	25.5	1
1667	0	448	37.9774	88.8218	-266.2	QAL	7.84	2.71	0.90	0.346	3.031	8.750	1566.	39.	4.	766.4	25.4	1
1668	0	448	37.9774	88.8211	-266.2	PPB	6.90	3.89	1.14	0.564	3.426	6.071	1608.	27.	7.	766.9	25.4	1
1669	10	452	37.9774	88.8204	-265.5	PPB	7.57	0.95	1.30	0.0	0.0	5.809	1505.	45.	8.	766.9	25.4	1
1670	0	456	37.9774	88.8196	-263.2	PPB	6.75	3.37	0.71	0.499	4.730	9.472	1520.	37.	11.	766.4	25.5	1
1671	0	468	37.9774	88.8189	-263.2	PPB	5.75	2.54	1.06	0.442	2.394	5.416	1455.	48.	9.	766.4	25.5	1
1672	0	464	37.9774	88.8182	-264.5	PPB	7.98	1.89	1.23	0.237	1.541	6.498	1497.	43.	7.	766.9	25.5	1
1673	0	468	37.9774	88.8175	-263.5	PPB	7.34	1.98	1.17	0.270	1.696	6.282	1568.	37.	11.	766.4	25.5	1
1674	0	460	37.9774	88.8167	-263.0	PPB	6.75	3.03	1.13	0.450	2.689	5.981	1566.	21.	8.	765.9	25.5	1
1675	0	452	37.9774	88.8160	-264.2	PPB	8.20	2.65	1.15	0.324	2.311	7.143	1637.	38.	7.	766.4	25.5	1
1676	10	444	37.9774	88.8153	-264.5	PPB	7.82	1.12	1.19	0.0	0.0	6.589	1463.	32.	9.	766.4	25.6	1
1677	0	444	37.9774	88.8147	-263.2	PPB	5.29	2.87	1.28	0.541	2.243	4.142	1550.	28.	8.	766.9	25.6	1
1678	0	452	37.9774	88.8140	-265.5	QAL	8.70	3.52	0.95	0.405	3.710	9.164	1533.	35.	2.	766.4	25.6	1
1679	0	448	37.9774	88.8132	-265.7	QAL	6.50	3.23	1.16	0.496	2.777	5.594	1480.	33.	4.	766.9	25.5	1
1680	0	444	37.9774	88.8125	-264.5	QAL	7.10	2.65	1.09	0.373	2.421	6.496	1510.	56.	2.	768.0	25.5	1
1681	0	436	37.9774	88.8118	-265.7	QAL	5.49	4.68	1.15	0.853	4.079	4.780	1491.	34.	0.	766.4	25.5	1
1682	0	432	37.9774	88.8110	-265.7	QAL	7.70	3.34	0.99	0.434	3.390	7.814	1585.	42.	1.	767.4	25.6	1
1683	0	428	37.9774	88.8103	-265.7	QAL	7.13	2.11	1.00	0.296	2.112	7.128	1469.	54.	1.	768.0	25.5	1
1684	0	432	37.9774	88.8096	-266.5	QAL	6.63	3.07	1.00	0.464	3.075	6.631	1583.	33.	3.	764.9	25.5	1
1685	0	436	37.9774	88.8089	-266.2	QAL	7.93	4.08	1.14	0.514	3.588	6.977	1558.	51.	1.	765.9	25.5	1
1686	10	436	37.9774	88.8082	-267.0	QAL	6.92	1.56	1.00	0.0	0.0	6.951	1507.	55.	6.	767.4	25.5	1
1687	0	428	37.9774	88.8075	-267.5	PPB	7.75	1.85	1.28	0.239	1.452	6.067	1610.	26.	6.	765.9	25.5	1
1688	0	432	37.9774	88.8067	-268.2	PPB	7.20	1.61	1.09	0.223	1.470	6.581	1601.	47.	8.	766.9	25.5	1
1689	0	440	37.9774	88.8060	-267.5	PPB	6.75	2.31	1.19	0.342	1.936	5.654	1564.	34.	7.	766.9	25.5	1
1690	0	444	37.9774	88.8053	-267.2	PPB	7.31	2.11	1.13	0.288	1.866	6.469	1520.	31.	9.	766.4	25.5	1
1691	0	440	37.9773	88.8046	-268.5	PPB	6.23	1.65	1.03	0.266	1.610	6.062	1537.	32.	6.	766.9	25.5	1
1692	0	436	37.9773	88.8038	-270.5	PPB	7.44	1.92	1.19	0.258	1.609	6.231	1517.	58.	9.	765.9	25.5	1
1693	0	432	37.9773	88.8031	-270.5	PPB	7.93	2.31	1.22	0.291	1.887	6.478	1499.	37.	10.	766.4	25.5	1
1694	10	436	37.9773	88.8025	-271.2	PPB	6.99	1.50	1.09	0.0	0.0	6.415	1505.	37.	10.	766.4	25.6	1
1695	10	448	37.9773	88.8017	-274.0	PPB	7.45	0.96	1.08	0.0	0.0	6.920	1427.	51.	10.	765.9	25.7	1
1696	0	448	37.9773	88.8010	-274.5	PPB	7.42	1.77	1.30	0.238	1.360	5.702	1544.	38.	9.	766.9	25.7	1

CP9 1P12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1697	0	448	37.9773	88.8003	-274.5	PPB	4.94	3.46	1.01	0.700	3.414	4.877	1496.	38.	4.	766.9	25.7	1
1698	10	448	37.9773	88.7996	-276.0	PPB	8.55	1.55	1.09	0.0	0.0	7.853	1484.	37.	6.	766.4	25.7	1
1699	0	448	37.9773	88.7988	-275.5	PPB	4.41	2.56	1.13	0.581	2.264	3.894	1448.	49.	7.	765.9	25.6	1
1700	0	448	37.9773	88.7981	-276.0	PPB	8.95	2.19	1.07	0.244	2.037	8.341	1480.	39.	4.	765.4	25.6	1
1701	0	444	37.9773	88.7974	-278.0	PPB	6.17	3.71	0.99	0.602	3.731	6.202	1469.	37.	2.	766.9	25.5	1
1702	0	444	37.9773	88.7967	-278.5	PPB	6.25	4.86	1.09	0.778	4.447	5.718	1540.	24.	0.	765.9	25.5	1
1703	0	436	37.9773	88.7960	-279.7	PPB	6.54	3.69	1.20	0.564	3.086	5.469	1553.	31.	1.	764.3	25.5	1
1704	0	436	37.9773	88.7953	-280.5	PPB	5.99	5.38	0.90	0.897	5.945	6.626	1494.	35.	0.	765.9	25.5	1
1705	0	432	37.9773	88.7945	-280.2	PPB	8.73	2.28	1.18	0.262	1.930	7.375	1514.	39.	1.	765.9	25.4	1
1706	0	432	37.9773	88.7939	-281.5	PPB	5.45	4.85	0.96	0.889	5.046	5.674	1599.	32.	2.	766.4	25.5	1
1707	0	428	37.9773	88.7931	-283.2	PPB	7.17	5.90	0.72	0.823	8.175	9.937	1558.	40.	0.	767.4	25.5	1
1708	0	428	37.9773	88.7924	-285.0	PPB	6.87	2.86	1.37	0.416	2.090	5.025	1580.	35.	2.	765.4	25.5	1
1709	0	424	37.9773	88.7917	-285.0	PPB	6.54	4.32	0.92	0.661	4.712	7.126	1499.	35.	2.	766.4	25.5	1
1710	0	424	37.9773	88.7909	-284.7	PPB	8.53	4.07	0.97	0.477	4.185	8.768	1562.	30.	1.	766.4	25.5	1
1711	0	424	37.9773	88.7902	-287.7	PPB	6.44	2.60	0.98	0.403	2.639	6.543	1476.	45.	6.	764.3	25.5	1
1712	0	428	37.9773	88.7895	-288.2	PPB	7.19	1.85	1.04	0.257	1.776	6.903	1535.	37.	7.	766.4	25.5	1
1713	0	424	37.9772	88.7888	-289.0	PPB	6.56	2.66	1.16	0.406	2.295	5.658	1433.	47.	4.	766.4	25.5	1
1714	0	424	37.9772	88.7881	-289.7	PPB	6.17	3.07	1.09	0.498	2.818	5.663	1531.	49.	4.	764.3	25.5	1
1715	0	424	37.9772	88.7874	-291.7	PPB	4.14	1.74	1.22	0.420	1.418	3.379	1472.	42.	8.	766.4	25.5	1
1716	0	428	37.9772	88.7866	-292.5	PPB	7.10	2.05	1.09	0.290	1.877	6.484	1477.	32.	8.	767.4	25.5	1
1717	10	428	37.9772	88.7859	-293.2	PPB	9.75	1.52	1.26	0.0	0.0	7.723	1562.	39.	5.	765.4	25.5	1
1718	10	428	37.9772	88.7852	-296.0	PPB	9.16	1.17	1.21	0.0	0.0	7.575	1598.	36.	3.	766.4	25.5	1
1719	0	424	37.9772	88.7844	-296.7	PPB	7.41	3.12	0.96	0.421	3.262	7.739	1498.	41.	6.	767.4	25.5	1
1720	0	424	37.9772	88.7839	-297.0	PPB	10.48	3.86	1.15	0.369	3.370	9.141	1647.	23.	3.	765.4	25.5	1
1721	0	420	37.9772	88.7831	-297.0	PPB	7.61	2.82	0.81	0.371	3.494	9.421	1470.	38.	6.	766.4	25.5	1
1722	0	420	37.9772	88.7824	-300.7	PPB	7.75	2.70	1.00	0.348	2.705	7.776	1511.	46.	3.	765.9	25.6	1
1723	0	420	37.9772	88.7817	-301.7	PPB	4.96	4.00	1.06	0.805	3.755	4.664	1453.	49.	8.	764.9	25.5	1
1724	0	420	37.9772	88.7809	-302.0	PPB	7.89	2.00	0.84	0.253	2.374	9.378	1463.	38.	14.	767.4	25.5	1
1725	10	420	37.9772	88.7802	-303.7	PPB	7.51	0.25	0.85	0.0	0.0	8.790	1459.	47.	15.	766.4	25.4	1
1726	0	424	37.9772	88.7795	-304.7	PPB	6.85	1.99	0.92	0.291	2.173	7.478	1414.	51.	16.	764.3	25.4	1
1727	0	424	37.9772	88.7788	-306.0	PPB	5.26	2.47	1.00	0.469	2.457	5.236	1527.	33.	17.	766.4	25.3	1
1728	10	432	37.9772	88.7780	-307.7	PPB	8.22	-0.34	1.02	0.0	0.0	8.032	1518.	35.	21.	765.4	25.3	1
1729	10	424	37.9772	88.7773	-309.7	PPB	8.71	-0.37	1.06	0.0	0.0	8.249	1596.	30.	18.	764.9	25.3	1
1730	0	420	37.9772	88.7766	-310.7	PPB	9.47	1.87	0.97	0.197	1.920	9.719	1610.	40.	20.	766.9	25.3	1
1731	0	416	37.9772	88.7759	-312.0	PPB	7.74	2.41	0.96	0.311	2.514	8.085	1565.	41.	13.	765.9	25.3	1
1732	10	416	37.9772	88.7752	-313.0	PPB	6.64	1.55	1.38	0.0	0.0	4.820	1606.	39.	14.	765.4	25.3	1
1733	0	420	37.9772	88.7745	-313.2	PPB	6.93	4.02	0.92	0.580	4.368	7.527	1591.	36.	7.	766.4	25.3	1
1734	0	412	37.9772	88.7737	-315.2	PPB	8.68	3.52	1.22	0.406	2.882	7.102	1562.	40.	7.	764.9	25.3	1
1735	10	408	37.9772	88.7730	-317.2	PPB	7.95	1.41	1.28	0.0	0.0	6.197	1597.	39.	7.	765.9	25.4	1
1736	0	404	37.9772	88.7723	-318.7	PPB	8.60	1.55	1.19	0.180	1.298	7.222	1679.	41.	5.	766.4	25.4	1
1737	0	400	37.9772	88.7715	-320.5	PPB	7.01	2.99	1.07	0.426	2.805	6.583	1612.	31.	3.	764.3	25.5	1
1738	0	400	37.9771	88.7709	-321.5	PPB	8.63	2.44	1.02	0.283	2.387	8.438	1595.	46.	4.	765.4	25.5	1
1739	0	404	37.9771	88.7702	-323.0	PPB	7.86	3.61	1.19	0.460	3.028	6.584	1608.	42.	1.	766.4	25.5	1
1740	0	412	37.9771	88.7695	-323.5	PPB	6.48	4.88	1.17	0.752	4.159	5.529	1616.	37.	0.	764.3	25.4	1
1741	0	412	37.9772	88.7687	-326.0	PPB	8.28	3.48	1.00	0.420	3.493	8.310	1685.	26.	3.	765.4	25.4	1
1742	0	408	37.9772	88.7680	-326.2	PPB	8.24	1.64	1.13	0.199	1.456	7.307	1569.	38.	7.	765.4	25.4	1
1743	0	416	37.9772	88.7673	-327.7	PPB	8.08	2.58	0.92	0.319	2.804	8.780	1562.	32.	7.	764.3	25.4	1
1744	0	412	37.9771	88.7666	-328.7	PPB	7.82	2.72	1.19	0.348	2.295	6.585	1624.	30.	7.	766.4	25.3	1
1745	0	408	37.9771	88.7658	-330.5	PPB	7.14	2.57	1.23	0.360	2.094	5.817	1657.	39.	6.	766.4	25.3	1
1746	0	408	37.9771	88.7652	-332.5	PPB	8.17	4.72	0.93	0.578	5.090	8.809	1678.	31.	4.	764.3	25.3	1
1747	0	376	37.9771	88.7644	-333.2	PPB	7.07	3.50	0.73	0.495	4.817	9.734	1424.	45.	7.	766.4	25.3	1
1748	0	364	37.9771	88.7637	-334.7	PPB	4.40	4.03	1.02	0.914	3.942	4.313	1344.	48.	5.	766.4	25.3	1
1749	0	376	37.9771	88.7630	-335.5	PPB	4.40	2.11	0.96	0.480	2.192	4.566	1396.	39.	5.	764.3	25.4	1

CP9 1P 12

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1750	0	404	37.9771	88.7623	-336.2	PPB	7.09	3.70	1.09	0.521	3.384	6.490	1566.	33.	6.	766.4	25.5	1
1751	0	428	37.9771	88.7616	-337.7	PPB	6.84	2.74	1.29	0.401	2.126	5.304	1546.	37.	5.	765.4	25.5	1
1752	0	436	37.9771	88.7608	-339.7	PPB	6.16	2.02	1.32	0.328	1.528	4.657	1594.	38.	7.	764.3	25.5	1
1753	0	440	37.9771	88.7601	-340.5	PPB	4.52	4.35	1.09	0.961	3.988	4.149	1561.	35.	5.	765.4	25.4	1
1754	0	448	37.9771	88.7594	-341.5	PPB	8.02	2.97	1.10	0.370	2.705	7.311	1526.	35.	2.	764.9	25.4	1
1755	0	452	37.9771	88.7587	-342.7	PPB	6.24	2.23	1.30	0.357	1.718	4.807	1511.	34.	5.	764.9	25.4	1
1756	0	452	37.9771	88.7580	-344.2	PPB	6.60	2.95	1.06	0.447	2.776	6.213	1537.	39.	2.	766.4	25.5	1
1757	0	452	37.9771	88.7573	-346.2	PPB	7.52	2.82	0.96	0.375	2.939	7.832	1520.	32.	0.	764.3	25.4	1
1758	0	452	37.9771	88.7565	-346.2	PPB	7.38	4.53	0.83	0.614	5.475	8.923	1539.	33.	0.	764.3	25.4	1
1759	0	444	37.9771	88.7558	-345.2	PPB	7.82	2.69	0.96	0.344	2.813	8.177	1520.	29.	3.	766.4	25.5	1
1760	0	452	37.9771	88.7551	-347.7	PPB	6.99	3.30	0.96	0.473	3.456	7.310	1410.	48.	0.	764.9	25.5	1
1761	0	460	37.9771	88.7544	-349.0	PPB	7.30	4.19	1.04	0.574	4.038	7.041	1500.	42.	2.	764.9	25.5	1
1762	0	460	37.9771	88.7536	-349.7	PPB	7.85	2.41	1.46	0.308	1.649	5.359	1535.	32.	5.	765.9	25.4	1
1763	0	460	37.9771	88.7529	-350.5	PPB	6.41	4.39	0.84	0.684	5.242	7.661	1666.	38.	7.	764.3	25.4	1
1764	0	456	37.9771	88.7523	-351.7	PPB	5.00	2.71	1.24	0.542	2.184	4.029	1570.	41.	5.	765.4	25.3	1
1765	0	452	37.9771	88.7515	-352.5	PPB	4.74	2.46	1.13	0.519	2.187	4.211	1573.	43.	7.	765.9	25.3	1
1766	0	444	37.9771	88.7508	-355.0	PPB	7.15	3.47	0.87	0.486	4.004	8.241	1609.	35.	6.	764.3	25.3	1
1767	0	440	37.9771	88.7501	-355.5	PPB	7.64	3.09	1.01	0.405	3.053	7.540	1668.	39.	9.	766.4	25.3	1
1768	0	432	37.9771	88.7494	-355.5	PPB	8.49	2.47	1.20	0.291	2.052	7.050	1599.	33.	6.	766.4	25.3	1
1769	10	432	37.9771	88.7487	-356.0	PPB	6.79	1.55	0.92	0.0	0.0	7.385	1461.	49.	9.	764.9	25.3	1
1770	10	436	37.9771	88.7479	-357.7	PPB	8.28	1.09	1.26	0.0	0.0	6.594	1595.	34.	11.	765.9	25.3	1
1771	0	432	37.9771	88.7472	-359.0	PPB	8.49	2.03	0.94	0.239	2.158	9.036	1437.	41.	10.	764.3	25.3	1
1772	0	432	37.9771	88.7465	-358.5	PPB	6.16	2.96	0.89	0.481	3.327	6.914	1500.	46.	5.	764.3	25.2	1
1773	0	436	37.9771	88.7458	-359.2	PPB	8.71	2.12	1.10	0.243	1.931	7.941	1566.	34.	7.	767.4	25.2	1
1774	0	440	37.9771	88.7451	-361.5	PPB	7.62	3.41	0.87	0.448	3.906	8.716	1598.	47.	4.	765.4	25.2	1
1775	0	444	37.9771	88.7444	-361.7	PPB	7.38	3.35	1.08	0.454	3.090	6.811	1513.	45.	5.	764.9	25.2	1
1776	0	448	37.9771	88.7436	-361.5	PPB	7.88	3.76	0.98	0.477	3.842	8.052	1576.	39.	6.	765.9	25.2	1
1777	0	444	37.9771	88.7429	-361.7	PPB	5.99	4.20	0.70	0.702	6.036	8.598	1574.	49.	4.	764.9	25.2	1
1778	0	440	37.9771	88.7422	-365.0	PPB	6.31	1.90	1.17	0.301	1.619	5.377	1476.	41.	5.	765.9	25.2	1
1779	0	432	37.9771	88.7414	-365.0	PPB	9.48	3.09	1.11	0.326	2.769	8.504	1603.	37.	0.	766.4	25.2	1
1780	10	428	37.9770	88.7407	-363.5	PPB	8.28	1.39	1.02	0.0	0.0	8.148	1583.	23.	5.	765.9	25.3	1
1781	0	428	37.9770	88.7401	-364.7	PPB	8.04	4.09	0.83	0.508	4.926	9.698	1530.	40.	1.	766.9	25.4	1
1782	0	428	37.9770	88.7394	-367.2	PPB	6.86	2.35	1.01	0.342	2.321	6.778	1568.	42.	8.	765.9	25.4	1
1783	0	428	37.9770	88.7386	-366.7	PPB	6.89	3.19	0.97	0.463	3.280	7.077	1508.	32.	3.	766.4	25.4	1
1784	0	428	37.9770	88.7379	-366.5	PPB	6.93	1.69	1.22	0.243	1.378	5.666	1477.	41.	8.	766.9	25.3	1
1785	0	424	37.9770	88.7372	-368.0	PPB	10.09	2.06	1.11	0.204	1.847	9.063	1605.	33.	3.	764.9	25.3	1
1786	0	420	37.9770	88.7365	-368.0	PPB	6.52	2.86	1.07	0.438	2.661	6.079	1549.	38.	8.	766.9	25.3	1
1787	0	420	37.9770	88.7357	-368.0	PPB	6.96	2.58	0.81	0.371	3.194	8.612	1463.	45.	8.	766.9	25.3	1
1788	0	420	37.9770	88.7350	-370.5	PPB	9.61	1.73	1.29	0.180	1.335	7.433	1622.	33.	7.	764.3	25.3	1
1789	10	416	37.9770	88.7343	-370.2	PPB	8.91	1.08	1.00	0.0	0.0	8.895	1556.	43.	6.	766.4	25.2	1
1790	10	416	37.9770	88.7336	-369.5	PPB	8.58	1.56	1.08	0.0	0.0	7.968	1518.	37.	9.	767.4	25.3	1
1791	0	416	37.9770	88.7329	-369.0	PPB	8.43	2.44	1.00	0.290	2.443	8.436	1513.	47.	3.	765.4	25.2	1
1792	0	412	37.9770	88.7322	-370.0	PPB	5.55	2.38	1.21	0.429	1.961	4.569	1593.	32.	9.	767.4	25.2	1
1793	0	408	37.9770	88.7314	-369.7	PPB	7.90	2.06	1.17	0.261	1.768	6.769	1594.	38.	10.	766.4	25.2	1
1794	0	412	37.9770	88.7307	-370.5	PPB	7.39	2.40	1.12	0.324	2.141	6.606	1590.	42.	10.	765.4	25.2	1
1795	0	408	37.9770	88.7300	-371.5	PPB	6.52	2.59	0.99	0.398	2.621	6.589	1546.	39.	9.	767.4	25.2	1
1796	0	404	37.9770	88.7293	-371.2	PPB	6.56	3.36	0.86	0.512	3.931	7.671	1589.	40.	5.	766.4	25.2	1
1797	0	400	37.9770	88.7285	-369.7	PPB	7.55	1.74	1.25	0.230	1.393	6.054	1539.	44.	6.	765.4	25.2	1
1798	10	400	37.9770	88.7278	-367.7	PPB	8.88	1.36	1.16	0.0	0.0	7.674	1581.	47.	2.	767.4	25.3	1
1799	0	404	37.9770	88.7272	-366.7	PPB	6.74	4.72	0.98	0.700	4.840	6.912	1619.	36.	0.	765.4	25.3	1
1800	0	408	37.9770	88.7264	-365.7	PPB	7.55	2.15	0.98	0.285	2.197	7.702	1568.	36.	2.	764.9	25.2	1
1801	0	420	37.9770	88.7257	-367.0	PPB	7.72	3.42	1.09	0.443	3.136	7.079	1580.	31.	2.	766.9	25.2	1
1802	10	432	37.9769	88.7250	-367.5	PPB	8.21	1.29	1.32	0.0	0.0	6.233	1563.	44.	4.	765.4	25.2	1

CP 9 LP 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1803	0	424	37.9769	88.7243	-368.5	PPB	8.13	1.82	1.38	0.224	1.321	5.907	1581.	48.	2.	765.4	25.2	1
1804	0	424	37.9769	88.7235	-369.7	PPB	6.04	3.09	1.11	0.511	2.774	5.424	1516.	50.	0.	767.4	25.2	1
1805	0	428	37.9769	88.7228	-371.0	PPB	7.37	3.67	1.04	0.497	3.528	7.094	1622.	44.	0.	765.4	25.2	1
1806	0	424	37.9769	88.7221	-370.2	PPB	6.09	3.42	1.08	0.562	3.158	5.624	1641.	32.	3.	765.4	25.2	1
1807	0	420	37.9769	88.7214	-370.5	PPB	6.36	4.03	0.91	0.634	4.414	6.959	1497.	43.	3.	765.9	25.2	1
1808	0	416	37.9769	88.7207	-370.2	PPB	6.63	2.99	1.08	0.450	2.762	6.132	1518.	37.	4.	764.9	25.3	1
1809	0	416	37.9769	88.7200	-370.5	PPB	8.08	3.71	0.83	0.459	4.440	9.683	1518.	37.	4.	765.9	25.4	1
1810	0	420	37.9769	88.7193	-371.0	PPB	5.50	1.65	1.02	0.300	1.621	5.413	1456.	39.	9.	765.4	25.4	1
1811	0	432	37.9769	88.7186	-371.7	PPB	5.89	2.17	1.03	0.368	2.102	5.710	1493.	40.	8.	765.4	25.4	1
1812	0	436	37.9769	88.7178	-371.5	PPB	7.79	3.56	0.84	0.457	4.243	9.292	1530.	49.	11.	766.4	25.3	1
1813	10	432	37.9769	88.7171	-371.7	PPB	6.66	1.38	1.18	0.0	0.0	5.627	1500.	41.	11.	764.3	25.2	1
1814	0	428	37.9769	88.7164	-371.5	PPB	6.64	1.80	0.95	0.270	1.891	6.992	1526.	45.	12.	764.9	25.2	1
1815	0	424	37.9769	88.7157	-371.5	PPB	4.73	1.86	1.20	0.394	1.552	3.943	1487.	46.	15.	767.4	25.2	1
1816	0	428	37.9769	88.7150	-370.2	PPB	7.56	3.03	1.03	0.400	2.928	7.316	1553.	42.	9.	764.3	25.1	1
1817	0	420	37.9769	88.7142	-370.7	PPB	6.21	2.08	1.21	0.335	1.716	5.117	1478.	33.	7.	764.9	25.1	1
1818	0	416	37.9769	88.7135	-370.2	PPB	7.98	2.21	0.88	0.276	2.504	9.061	1524.	40.	7.	766.9	25.1	1
1819	0	412	37.9769	88.7128	-371.5	PPB	9.30	2.86	1.02	0.308	2.802	9.106	1548.	42.	6.	764.9	25.1	1
1820	0	404	37.9769	88.7121	-372.0	PPB	7.93	2.23	1.31	0.282	1.701	6.032	1546.	36.	3.	766.4	25.1	1
1821	0	396	37.9769	88.7113	-371.0	PPB	7.25	1.75	0.97	0.241	1.799	7.456	1470.	51.	6.	767.4	25.1	1
1822	0	392	37.9769	88.7106	-370.0	PPB	8.83	2.29	0.97	0.259	2.368	9.142	1496.	39.	5.	764.9	25.1	1
1823	10	388	37.9769	88.7099	-370.2	PPB	5.64	1.14	1.02	0.0	0.0	5.533	1351.	47.	12.	766.9	25.1	1
1824	10	384	37.9768	88.7092	-370.5	PPB	7.88	0.55	0.93	0.0	0.0	8.431	1338.	42.	11.	767.4	25.2	1
1825	0	384	37.9768	88.7085	-370.7	PPB	5.84	1.78	0.98	0.304	1.810	5.948	1362.	40.	10.	765.4	25.2	1
1826	0	384	37.9768	88.7078	-370.7	PPB	6.07	2.32	1.15	0.382	2.018	5.286	1535.	48.	10.	767.4	25.2	1
1827	0	384	37.9768	88.7071	-370.0	PPB	7.81	2.72	1.05	0.348	2.590	7.449	1546.	37.	11.	766.4	25.2	1
1828	0	384	37.9768	88.7064	-370.7	PPB	6.60	2.52	1.08	0.383	2.349	6.138	1563.	27.	10.	765.4	25.2	1
1829	0	380	37.9768	88.7056	-371.0	PPB	5.53	3.14	0.81	0.568	3.902	6.865	1495.	33.	13.	766.9	25.2	1
1830	0	352	37.9768	88.7049	-371.0	PPB	4.82	1.81	0.68	0.376	2.672	7.107	1267.	39.	15.	765.9	25.2	1
1831	0	380	37.9768	88.7042	-371.5	PPB	6.36	2.06	1.05	0.324	1.968	6.066	1370.	30.	13.	765.9	25.1	1
1832	0	384	37.9768	88.7034	-370.7	PPB	5.62	2.30	0.97	0.409	2.361	5.777	1382.	48.	13.	768.0	25.1	1
1833	0	384	37.9768	88.7027	-372.0	PPB	7.48	3.14	0.61	0.420	5.118	12.173	1400.	38.	11.	765.9	25.1	1
1834	0	380	37.9768	88.7020	-374.2	PPB	6.97	2.24	1.03	0.321	2.169	6.755	1501.	45.	8.	766.9	25.2	1
1835	0	380	37.9768	88.7013	-375.2	PPB	7.30	2.26	1.01	0.310	2.245	7.253	1484.	49.	7.	768.0	25.1	1
1836	0	392	37.9768	88.7006	-376.5	QAL	7.34	2.44	0.76	0.333	3.215	9.655	1417.	46.	8.	765.9	25.1	1
1837	0	396	37.9768	88.6999	-378.2	QAL	9.66	1.84	1.11	0.190	1.658	8.727	1502.	38.	5.	766.4	25.2	1
1838	0	392	37.9768	88.6992	-376.7	PPB	6.06	1.61	0.98	0.266	1.644	6.186	1446.	43.	6.	768.5	25.1	1
1839	0	380	37.9768	88.6984	-371.2	PPB	8.15	3.10	0.88	0.380	3.498	9.209	1414.	47.	2.	767.4	25.1	1
1840	0	380	37.9768	88.6977	-367.7	PPB	6.15	1.88	0.98	0.305	1.915	6.279	1404.	52.	6.	767.4	25.1	1
1841	0	380	37.9768	88.6970	-366.5	PPB	8.25	2.81	1.20	0.340	2.333	6.856	1523.	36.	4.	767.4	25.1	1
1842	0	384	37.9768	88.6963	-367.7	PPB	6.75	2.51	0.94	0.372	2.656	7.146	1436.	43.	5.	765.4	25.1	1
1843	0	384	37.9768	88.6956	-368.0	PPB	6.59	2.00	1.06	0.303	1.881	6.213	1485.	39.	6.	767.4	25.1	1
1844	0	388	37.9768	88.6949	-369.0	PPB	8.63	1.98	1.10	0.230	1.807	7.860	1525.	31.	9.	768.0	25.1	1
1845	0	384	37.9768	88.6942	-369.0	PPB	7.03	2.48	1.04	0.353	2.382	6.744	1523.	35.	9.	764.9	25.0	1
1846	10	380	37.9767	88.6934	-369.5	PPB	7.20	1.10	0.86	0.0	0.0	8.346	1461.	34.	13.	766.9	25.0	1
1847	0	380	37.9767	88.6927	-370.2	QAL	7.87	2.03	1.06	0.259	1.922	7.434	1517.	27.	12.	769.0	25.0	1
1848	0	380	37.9767	88.6920	-370.5	QAL	7.74	2.72	1.05	0.351	2.578	7.340	1405.	39.	9.	765.9	25.1	1
1849	0	380	37.9767	88.6912	-370.0	QAL	5.86	2.61	1.02	0.445	2.569	5.768	1450.	41.	9.	765.9	25.1	1
1850	10	384	37.9767	88.6905	-369.7	QAL	7.29	1.05	1.05	0.0	0.0	6.969	1506.	48.	11.	768.0	25.2	1
1851	10	388	37.9767	88.6898	-371.0	QAL	7.33	1.19	1.11	0.0	0.0	6.611	1370.	34.	8.	765.9	25.1	1
1852	0	396	37.9767	88.6892	-371.5	QAL	7.80	2.65	1.16	0.340	2.286	6.730	1549.	42.	1.	765.4	25.2	1
1853	0	384	37.9767	88.6884	-369.7	QAL	5.61	3.55	0.91	0.633	3.902	6.165	1462.	49.	0.	767.4	25.2	1
1854	0	356	37.9767	88.6877	-369.7	PPB	6.56	1.91	0.86	0.291	2.220	7.634	1369.	40.	1.	766.4	25.2	1
1855	0	360	37.9767	88.6870	-370.7	PPB	5.81	1.56	0.97	0.269	1.608	5.978	1324.	41.	2.	765.4	25.2	1

CP9 IP 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1856	10	348	37.9767	88.6863	-369.2	PPB	5.72	0.77	0.93	0.0	0.0	6.161	1386.	33.	6.	767.4	25.2	1
1857	0	368	37.9767	88.6855	-369.0	PPB	6.81	2.06	0.83	0.302	2.483	8.217	1395.	40.	5.	766.9	25.2	1
1858	0	376	37.9767	88.6848	-370.0	PPB	7.57	1.36	1.13	0.180	1.208	6.731	1495.	37.	4.	764.9	25.2	1
1859	0	376	37.9767	88.6841	-370.0	PPB	6.73	2.66	0.88	0.395	3.019	7.647	1489.	52.	7.	765.9	25.2	1
1860	0	368	37.9767	88.6834	-369.7	PPB	6.93	2.59	1.44	0.373	1.799	4.825	1561.	37.	9.	765.9	25.2	1
1861	0	364	37.9767	88.6827	-370.0	PPB	8.16	2.06	0.77	0.252	2.685	10.652	1512.	38.	7.	765.4	25.1	1
1862	0	352	37.9767	88.6819	-368.7	PPB	7.81	1.78	1.23	0.228	1.453	6.366	1517.	40.	10.	767.4	25.1	1
1863	0	340	37.9767	88.6812	-368.5	PPB	6.96	2.10	1.14	0.302	1.836	6.079	1575.	34.	10.	767.4	25.1	1
1864	0	304	37.9767	88.6805	-369.0	PPB	6.71	1.56	0.84	0.232	1.849	7.962	1370.	47.	8.	765.4	25.1	1
1865	0	292	37.9767	88.6798	-367.7	PPB	5.65	1.84	0.99	0.326	1.865	5.714	1385.	42.	10.	766.4	25.1	1
1866	0	316	37.9767	88.6790	-367.2	PPB	6.82	1.84	1.11	0.270	1.652	6.127	1548.	35.	9.	768.5	25.1	1
1867	0	308	37.9767	88.6783	-368.0	PPB	8.27	3.16	1.11	0.382	2.850	7.457	1641.	34.	7.	766.4	25.2	1
1868	0	296	37.9767	88.6777	-367.5	PPB	7.68	1.89	1.58	0.245	1.195	4.867	1688.	37.	5.	766.4	25.2	1
1869	0	288	37.9767	88.6769	-367.7	PPB	8.20	2.60	0.93	0.317	2.802	8.841	1575.	37.	5.	768.5	25.3	1
1870	0	292	37.9767	88.6761	-367.2	PPB	6.06	2.48	1.10	0.409	2.260	5.529	1586.	52.	9.	766.4	25.3	1
1871	0	292	37.9767	88.6754	-366.2	PPB	7.64	3.78	0.94	0.495	4.009	8.096	1543.	46.	4.	765.4	25.2	1
1872	0	288	37.9767	88.6747	-366.0	PPB	8.48	2.96	1.05	0.349	2.821	8.071	1616.	34.	6.	767.4	25.2	1
1873	0	284	37.9767	88.6740	-369.0	PPB	8.35	2.62	1.29	0.313	2.033	6.487	1616.	25.	5.	767.4	25.2	1
1874	0	288	37.9767	88.6733	-369.0	PPB	7.49	2.02	1.22	0.270	1.652	6.128	1626.	45.	9.	765.4	25.0	1
1875	0	288	37.9767	88.6725	-367.0	PPB	7.83	2.70	1.06	0.344	2.546	7.395	1655.	44.	7.	766.4	25.0	1
1876	0	292	37.9767	88.6718	-366.7	PPB	9.52	1.68	1.31	0.177	1.282	7.264	1607.	31.	7.	767.4	25.1	1
1877	0	308	37.9767	88.6711	-368.7	PPB	7.93	1.73	1.12	0.218	1.538	7.055	1563.	58.	7.	765.4	25.0	1
1878	0	328	37.9767	88.6703	-368.0	PPB	8.83	1.43	0.99	0.162	1.440	8.877	1525.	26.	7.	765.4	25.0	1
1879	0	352	37.9767	88.6696	-367.5	PPB	4.80	1.45	1.04	0.302	1.399	4.631	1356.	44.	12.	767.4	25.1	1
1880	0	368	37.9768	88.6689	-369.0	PPB	6.88	1.70	0.98	0.248	1.735	6.997	1355.	43.	10.	766.9	25.1	1
1881	0	364	37.9768	88.6682	-368.5	PPB	5.09	2.74	0.85	0.538	3.238	6.018	1401.	37.	9.	764.9	25.2	1
1882	0	324	37.9768	88.6675	-368.0	PPB	3.44	3.80	0.65	1.103	5.875	5.325	1308.	47.	9.	765.9	25.2	1
1883	0	344	37.9768	88.6668	-368.5	PPB	7.70	1.39	0.92	0.181	1.507	8.347	1361.	36.	5.	766.9	25.0	1
1884	10	372	37.9768	88.6660	-369.7	PPB	7.08	1.29	0.81	0.0	0.0	8.714	1374.	35.	10.	764.9	25.0	1
1885	10	424	37.9769	88.6653	-368.5	PPB	6.99	1.46	1.25	0.0	0.0	5.573	1528.	50.	12.	763.8	24.9	1
1886	10	420	37.9769	88.6646	-369.0	PPB	10.94	0.79	1.30	0.0	0.0	8.439	1615.	30.	5.	765.4	24.9	1
1887	0	412	37.9769	88.6638	-368.7	PPB	6.41	4.99	0.93	0.778	5.346	6.871	1539.	45.	8.	765.4	24.9	1
1888	0	420	37.9768	88.6631	-369.0	PPB	6.89	1.88	0.99	0.273	1.902	6.969	1480.	51.	8.	763.8	25.0	1
1889	0	436	37.9768	88.6624	-368.7	PPB	7.56	2.31	1.01	0.305	2.280	7.472	1593.	38.	6.	763.8	24.9	1
1890	0	456	37.9768	88.6617	-370.7	PPB	6.99	3.62	0.90	0.518	4.022	7.769	1567.	34.	6.	765.4	24.9	1
1891	10	468	37.9769	88.6609	-370.7	PPB	6.14	1.11	1.66	0.0	0.0	3.694	1455.	45.	3.	764.3	24.8	1
1892	0	456	37.9769	88.6602	-370.2	PPB	5.05	2.20	1.12	0.437	1.973	4.517	1444.	40.	6.	762.8	24.8	1
1893	0	440	37.9769	88.6595	-371.5	PPB	8.01	1.90	1.11	0.237	1.712	7.208	1457.	34.	4.	764.3	24.8	1
1894	0	448	37.9769	88.6588	-371.2	PPB	5.97	2.04	1.07	0.341	1.908	5.593	1367.	45.	7.	765.4	24.8	1
1895	10	484	37.9769	88.6580	-371.7	PPB	6.11	0.81	0.87	0.0	0.0	7.006	1460.	36.	11.	763.8	24.7	1
1896	0	492	37.9769	88.6573	-370.5	PPB	7.83	2.66	0.93	0.340	2.848	8.386	1521.	35.	6.	763.8	24.7	1
1897	10	492	37.9770	88.6566	-369.7	PPB	8.74	1.04	1.08	0.0	0.0	8.078	1523.	44.	10.	765.4	24.7	1
1898	10	488	37.9769	88.6558	-370.2	PPB	7.14	0.37	1.11	0.0	0.0	6.450	1530.	41.	13.	765.4	24.8	1
1899	10	484	37.9769	88.6551	-370.0	PPB	9.33	0.36	1.14	0.0	0.0	8.213	1528.	44.	10.	763.8	24.8	1
1900	0	476	37.9769	88.6544	-368.2	PPB	5.78	4.20	0.59	0.727	7.127	9.800	1486.	37.	9.	764.3	24.8	1
1901	0	468	37.9769	88.6537	-367.0	PPB	6.15	3.51	0.88	0.572	3.982	6.967	1507.	34.	9.	766.4	24.8	1
1902	0	468	37.9770	88.6529	-365.7	PPB	7.77	2.41	1.06	0.310	2.268	7.320	1589.	32.	7.	764.9	24.8	1
1903	0	468	37.9770	88.6522	-367.7	QAL	7.59	3.07	1.16	0.404	2.642	6.544	1524.	44.	6.	763.3	24.8	1
1904	0	460	37.9770	88.6515	-369.0	QAL	6.97	4.00	1.07	0.574	3.754	6.540	1613.	31.	4.	765.9	24.8	1
1905	10	456	37.9770	88.6508	-368.5	QAL	8.19	1.55	1.17	0.0	0.0	6.990	1546.	31.	6.	765.9	24.8	1
1906	0	456	37.9770	88.6500	-368.5	QAL	5.37	3.34	1.26	0.622	2.647	4.259	1532.	44.	11.	764.3	24.7	1
1907	10	456	37.9770	88.6493	-369.5	QAL	9.08	1.00	1.30	0.0	0.0	7.008	1603.	51.	5.	765.4	24.8	1
1908	0	464	37.9771	88.6486	-370.7	QAL	8.31	2.89	1.27	0.347	2.280	6.564	1614.	37.	1.	766.4	24.8	1

CP9 IP12

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1909	0	464	37.9770	88.6478	-370.7	QAL	7.61	2.26	1.03	0.297	2.200	7.407	1488.	30.	4.	764.3	24.7	1
1910	0	464	37.9770	88.6471	-370.0	QAL	6.49	2.90	1.11	0.448	2.608	5.828	1539.	28.	5.	764.3	24.8	1
1911	0	472	37.9770	88.6464	-371.0	QAL	6.79	1.73	1.22	0.254	1.412	5.551	1503.	50.	9.	766.4	24.8	1
1912	0	472	37.9770	88.6456	-371.2	QAL	5.63	2.08	1.31	0.370	1.593	4.304	1541.	42.	10.	766.4	24.8	1
1913	0	468	37.9771	88.6449	-372.0	QAL	4.78	3.69	1.36	0.772	2.703	3.501	1605.	35.	10.	763.3	24.8	1
1914	10	472	37.9771	88.6442	-371.7	QAL	7.78	1.28	1.22	0.0	0.0	6.362	1491.	44.	10.	764.9	24.8	1
1915	0	472	37.9771	88.6434	-370.7	QAL	7.48	1.84	1.16	0.245	1.578	6.435	1576.	42.	8.	766.9	24.8	1
1916	0	472	37.9771	88.6427	-370.7	QAL	7.96	1.89	1.01	0.237	1.864	7.854	1554.	36.	8.	764.9	24.8	1
1917	0	472	37.9771	88.6420	-370.5	QAL	8.49	1.97	1.45	0.232	1.364	5.869	1609.	42.	6.	765.4	24.8	1
1918	0	480	37.9771	88.6413	-371.0	QAL	9.30	2.61	1.07	0.280	2.445	8.720	1513.	40.	4.	767.4	24.7	1
1919	0	484	37.9771	88.6405	-372.0	QAL	5.90	3.38	1.23	0.572	2.735	4.778	1572.	36.	1.	764.9	24.7	1
1920	0	480	37.9771	88.6398	-370.5	QAL	8.36	2.47	1.26	0.295	1.964	6.650	1501.	39.	0.	764.9	24.7	1
1921	0	480	37.9771	88.6391	-369.0	QAL	8.16	3.78	0.96	0.463	3.932	8.486	1671.	30.	0.	768.0	24.8	1
1922	0	476	37.9771	88.6384	-368.5	QAL	6.20	4.83	1.21	0.778	3.979	5.112	1670.	43.	1.	765.9	24.8	1
1923	0	472	37.9771	88.6376	-366.2	QAL	7.69	2.62	1.13	0.341	2.319	6.806	1715.	32.	7.	763.3	24.8	1
1924	0	476	37.9771	88.6369	-364.7	QAL	6.57	2.96	1.46	0.450	2.019	4.486	1754.	38.	7.	765.4	24.8	1
1925	0	476	37.9772	88.6362	-366.7	QAL	9.04	2.43	1.25	0.269	1.941	7.223	1743.	41.	8.	766.4	24.8	1
1926	0	484	37.9772	88.6354	-371.7	QAL	8.10	3.26	0.80	0.403	4.057	10.065	1651.	38.	11.	764.3	24.8	1
1927	10	488	37.9772	88.6347	-372.2	QAL	7.89	1.09	1.47	0.0	0.0	5.377	1682.	34.	12.	764.3	24.8	1
1928	10	492	37.9772	88.6340	-372.5	QAL	8.29	0.43	1.14	0.0	0.0	7.256	1642.	36.	13.	766.4	24.8	1
1929	0	496	37.9772	88.6333	-372.7	QAL	7.55	4.44	1.08	0.588	4.103	6.979	1636.	45.	7.	765.4	24.7	1
1930	10	500	37.9772	88.6326	-373.5	QAL	8.74	0.12	1.25	0.0	0.0	6.976	1608.	45.	11.	764.3	24.7	1
1931	0	500	37.9772	88.6318	-374.5	QAL	6.09	3.33	1.10	0.546	3.027	5.543	1629.	46.	7.	765.9	24.7	1
1932	0	500	37.9772	88.6311	-377.0	QAL	6.63	3.67	0.84	0.553	4.365	7.892	1664.	37	9.	765.9	24.7	1
1933	0	500	37.9772	88.6304	-375.5	QAL	6.16	5.43	0.68	0.882	7.970	9.032	1525.	30.	4.	764.3	24.7	1
1934	10	500	37.9772	88.6297	-374.7	QAL	6.39	1.26	1.27	0.0	0.0	5.038	1548.	33.	9.	764.3	24.7	1
1935	0	500	37.9772	88.6289	-376.0	QAL	5.49	2.76	1.27	0.503	2.172	4.319	1521.	36.	9.	765.4	24.7	1
1936	0	496	37.9773	88.6282	-376.2	QAL	5.86	3.64	1.12	0.622	3.260	5.242	1556.	37.	9.	765.4	24.7	1
1937	0	496	37.9773	88.6275	-376.5	QAL	7.41	3.23	1.11	0.436	2.924	6.704	1531.	39.	7.	764.3	24.7	1
1938	10	500	37.9773	88.6267	-378.0	QAL	6.75	1.31	1.11	0.0	0.0	6.085	1514.	46.	10.	764.3	24.6	1
1939	10	500	37.9773	88.6261	-380.0	QAL	6.81	-0.17	1.09	0.0	0.0	6.278	1473.	30.	17.	766.4	24.6	1
1940	10	504	37.9773	88.6253	-378.5	QAL	7.17	1.42	1.20	0.0	0.0	5.992	1483.	42.	16.	765.4	24.6	1
1941	10	512	37.9773	88.6246	-378.0	QAL	6.96	1.48	1.22	0.0	0.0	5.713	1554.	34.	13.	764.3	24.6	1
1942	10	508	37.9773	88.6239	-378.7	QAL	8.75	-0.04	0.85	0.0	0.0	10.295	1459.	43.	17.	766.4	24.6	1
1943	0	508	37.9773	88.6232	-380.5	QAL	8.22	2.05	0.86	0.249	2.376	9.536	1457.	35.	14.	766.4	24.6	1
1944	10	512	37.9773	88.6224	-379.5	QAL	7.48	1.22	1.23	0.0	0.0	6.054	1556.	41.	16.	764.3	24.6	1
1945	10	512	37.9773	88.6217	-378.7	QAL	8.05	1.66	0.93	0.0	0.0	8.661	1571.	32.	16.	764.3	24.6	1
1946	0	516	37.9773	88.6210	-379.0	QAL	5.49	3.92	1.12	0.713	3.494	4.902	1403.	45.	11.	765.9	24.7	1
1947	0	520	37.9774	88.6202	-379.0	QAL	7.33	2.67	1.15	0.365	2.320	6.359	1578.	42.	10.	764.9	24.7	1
1948	0	524	37.9774	88.6195	-379.2	QAL	7.69	3.84	0.76	0.499	5.053	10.124	1540.	32.	12.	763.3	24.8	1
1949	0	528	37.9774	88.6188	-379.2	QAL	6.72	3.24	1.27	0.482	2.542	5.275	1592.	34.	6.	765.9	24.8	1
1950	0	536	37.9774	88.6181	-380.0	QAL	7.72	2.90	1.41	0.376	2.063	5.486	1616.	37.	5.	766.4	24.8	1
1951	0	544	37.9774	88.6173	-380.5	QAL	7.23	3.78	0.94	0.523	4.016	7.674	1489.	43.	5.	763.8	24.8	1
1952	0	548	37.9774	88.6166	-381.2	QAL	7.12	3.06	1.02	0.430	3.018	7.018	1535.	35.	7.	764.3	24.8	1
1953	0	544	37.9774	88.6159	-383.0	QAL	8.41	3.65	0.85	0.434	4.296	9.906	1525.	40.	6.	766.4	24.8	1
1954	0	536	37.9774	88.6152	-384.2	QAL	6.46	2.13	1.49	0.329	1.425	4.332	1551.	36.	8.	764.3	24.8	1
1955	0	536	37.9774	88.6144	-385.0	QAL	6.47	2.55	1.06	0.394	2.405	6.108	1550.	34.	8.	763.8	24.8	1
1956	0	532	37.9774	88.6136	-384.7	QAL	8.33	3.27	0.92	0.392	3.568	9.094	1577.	37.	8.	765.4	24.8	1
1957	0	532	37.9774	88.6129	-385.5	QAL	8.57	2.04	1.00	0.238	2.037	8.569	1471.	39.	6.	765.4	24.8	1
1958	10	532	37.9775	88.6122	-387.0	QAL	7.01	1.14	0.98	0.0	0.0	7.118	1426.	39.	7.	763.8	24.8	1
1959	10	532	37.9775	88.6115	-387.7	QAL	5.35	1.23	1.01	0.0	0.0	5.280	1344.	47.	3.	763.8	24.9	1
1960	0	536	37.9775	88.6107	-389.7	QAL	6.76	2.02	1.27	0.300	1.591	5.312	1486.	26.	6.	765.4	24.9	1
1961	0	536	37.9775	88.6100	-390.7	QAL	7.58	2.02	0.79	0.267	2.552	9.571	1441.	50.	10.	764.3	24.8	1

CP9 1P12

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1962	10	536	37.9775	88.6093	-389.5	QAL	7.94	0.75	1.25	0.0	0.0	6.338	1526.	44.	13.	762.8	24.8	1
1963	0	532	37.9775	88.6086	-389.7	QAL	6.25	3.79	1.06	0.606	3.572	5.898	1492.	44.	11.	764.3	24.8	1
1964	0	532	37.9775	88.6078	-390.7	QAL	6.21	3.39	1.14	0.546	2.962	5.429	1536.	46.	12.	765.9	24.8	1
1965	10	532	37.9775	88.6071	-391.0	QAL	6.32	0.59	1.13	0.0	0.0	5.575	1395.	41.	16.	764.3	24.8	1
1966	0	532	37.9775	88.6064	-391.7	QAL	5.79	3.55	0.65	0.613	5.482	8.937	1484.	32.	14.	763.8	24.8	1
1967	10	532	37.9775	88.6057	-392.7	QAL	3.77	0.49	1.03	0.0	0.0	3.682	1378.	37.	12.	765.9	24.8	1
1968	10	524	37.9775	88.6049	-392.7	QAL	6.92	1.07	1.04	0.0	0.0	6.630	1480.	36.	11.	765.4	24.8	1
1969	0	524	37.9775	88.6042	-392.2	QAL	6.83	2.85	0.88	0.417	3.247	7.791	1480.	36.	7.	763.8	24.8	1
1970	0	520	37.9776	88.6035	-393.0	QAL	4.83	2.00	1.51	0.414	1.326	3.206	1472.	31.	7.	764.3	24.8	1
1971	0	520	37.9776	88.6028	-394.7	QAL	5.22	3.82	1.16	0.731	3.286	4.498	1542.	48.	3.	765.4	24.8	1
1972	0	520	37.9776	88.6020	-396.0	QAL	4.70	2.75	1.27	0.584	2.159	3.695	1326.	41.	3.	765.4	24.8	1
1973	10	520	37.9776	88.6013	-393.7	QAL	7.63	0.94	1.14	0.0	0.0	6.721	1475.	44.	6.	763.8	24.8	1
1974	0	504	37.9776	88.6006	-395.0	QAL	4.52	3.89	0.99	0.862	3.917	4.543	1385.	41.	3.	764.3	24.8	1
1975	0	480	37.9776	88.5998	-395.7	QAL	6.35	2.54	1.01	0.400	2.521	6.310	1322.	43.	5.	765.9	24.8	1
1976	0	484	37.9776	88.5991	-396.0	QAL	5.18	1.80	0.92	0.347	1.959	5.650	1397.	46.	9.	764.3	24.8	1
1977	10	492	37.9776	88.5984	-397.2	QAL	6.62	1.49	1.05	0.0	0.0	6.286	1405.	32.	11.	763.8	24.8	1
1978	10	496	37.9776	88.5977	-399.5	QAL	4.97	0.82	1.30	0.0	0.0	3.837	1362.	47.	12.	766.4	24.8	1
1979	10	488	37.9776	88.5969	-397.2	QAL	5.75	-0.36	1.05	0.0	0.0	5.480	1255.	57.	13.	766.4	24.8	1
1980	0	488	37.9776	88.5962	-398.0	QAL	4.37	2.03	0.93	0.465	2.193	4.715	1382.	35.	13.	763.8	24.8	1
1981	0	484	37.9777	88.5955	-399.5	QAL	5.44	1.98	0.76	0.364	2.608	7.167	1350.	38.	13.	763.8	24.8	1
1982	10	528	37.9777	88.5948	-400.2	QAL	5.65	1.57	1.32	0.0	0.0	4.269	1504.	43.	14.	765.4	24.8	1
1983	0	532	37.9777	88.5940	-400.0	QAL	7.93	4.10	0.99	0.516	4.124	7.989	1599.	29.	8.	765.4	24.8	1
1984	0	540	37.9776	88.5933	-401.0	QAL	7.04	4.40	0.97	0.625	4.547	7.280	1573.	44.	8.	763.8	24.8	1
1985	10	540	37.9776	88.5926	-401.2	QAL	7.78	1.33	1.19	0.0	0.0	6.529	1588.	47.	9.	764.3	24.8	1
1986	10	540	37.9777	88.5918	-401.2	QAL	8.54	1.58	1.29	0.0	0.0	6.610	1608.	39.	6.	765.4	24.8	1
1987	0	544	37.9777	88.5911	-401.7	QAL	4.86	4.03	0.83	0.828	4.852	5.859	1526.	33.	3.	763.8	24.8	1
1988	0	544	37.9777	88.5904	-401.7	QAL	7.32	3.21	1.08	0.438	2.980	6.802	1550.	47.	6.	763.3	24.7	1
1989	0	544	37.9777	88.5897	-402.2	QAL	5.29	3.14	1.43	0.593	2.198	3.704	1698.	33.	8.	764.9	24.7	1
1990	0	540	37.9777	88.5889	-402.5	QAL	7.59	2.35	1.14	0.309	2.053	6.640	1580.	29.	10.	764.9	24.7	1
1991	0	540	37.9777	88.5882	-403.0	QAL	7.05	2.17	1.19	0.307	1.813	5.904	1561.	36.	9.	763.3	24.8	1
1992	0	540	37.9777	88.5875	-404.2	QAL	8.93	3.27	1.05	0.366	3.128	8.548	1500.	38.	10.	763.8	24.8	1
1993	10	536	37.9777	88.5867	-403.5	QAL	7.33	0.56	1.01	0.0	0.0	7.263	1459.	41.	13.	766.4	24.7	1
1994	0	536	37.9777	88.5860	-402.7	QAL	6.91	3.72	0.99	0.537	3.748	6.973	1590.	40.	14.	765.4	24.7	1
1995	0	536	37.9777	88.5853	-403.2	QAL	8.06	3.01	0.92	0.374	3.273	8.756	1497.	40.	11.	762.8	24.7	1
1996	0	532	37.9777	88.5846	-403.7	QAL	7.36	1.99	1.16	0.270	1.716	6.351	1573.	43.	11.	765.4	24.7	1
1997	0	532	37.9777	88.5838	-402.7	QAL	8.26	3.28	1.29	0.397	2.535	6.394	1598.	35.	4.	766.4	24.8	1
1998	0	532	37.9778	88.5832	-403.0	QAL	9.00	2.19	1.40	0.244	1.567	6.431	1638.	31.	1.	763.8	24.8	1
1999	0	532	37.9778	88.5824	-402.7	QAL	7.48	2.60	1.21	0.348	2.148	6.178	1579.	43.	8.	764.3	24.8	1
2000	10	536	37.9778	88.5816	-402.5	QAL	6.64	1.81	1.05	0.0	0.0	6.324	1553.	39.	7.	766.4	24.8	1
2001	0	532	37.9778	88.5809	-402.7	QAL	6.97	5.96	0.96	0.855	6.222	7.279	1599.	35.	0.	764.9	24.8	1
2002	0	528	37.9778	88.5802	-402.7	QAL	8.57	2.99	1.30	0.349	2.303	6.599	1619.	41.	6.	763.3	24.8	1
2003	0	528	37.9778	88.5794	-403.7	QAL	8.75	2.46	1.14	0.281	2.152	7.649	1496.	31.	7.	765.9	24.8	1
2004	0	528	37.9778	88.5787	-403.7	QAL	6.09	2.38	1.38	0.391	1.726	4.413	1573.	32.	10.	766.4	24.8	1
2005	0	528	37.9778	88.5780	-403.5	QAL	6.29	3.05	0.91	0.484	3.354	6.927	1573.	36.	9.	763.8	24.8	1
2006	10	528	37.9778	88.5773	-402.2	QAL	7.05	1.95	0.96	0.0	0.0	7.358	1515.	43.	14.	764.9	24.8	1
2007	10	532	37.9778	88.5765	-403.0	QAL	7.33	0.83	0.76	0.0	0.0	9.616	1462.	44.	18.	765.9	24.8	1
2008	10	532	37.9778	88.5758	-402.2	QAL	7.33	1.50	0.91	0.0	0.0	8.051	1401.	48.	16.	763.3	24.8	1
2009	10	536	37.9779	88.5751	-401.0	QAL	8.77	1.59	0.99	0.0	0.0	8.906	1464.	39.	14.	763.3	24.8	1
2010	0	540	37.9779	88.5744	-401.7	QAL	5.15	3.05	0.97	0.593	3.141	5.300	1552.	43.	14.	765.9	24.8	1
2011	10	544	37.9779	88.5737	-403.5	QAL	7.67	0.87	1.13	0.0	0.0	6.761	1475.	45.	13.	765.4	24.8	1
2012	10	544	37.9779	88.5729	-402.0	QAL	6.09	1.65	1.13	0.0	0.0	5.381	1593.	39.	13.	763.3	24.8	1
2013	0	544	37.9779	88.5722	-401.0	QAL	8.49	2.57	1.39	0.303	1.848	6.095	1613.	48.	6.	764.9	24.8	1
2014	0	552	37.9779	88.5714	-400.7	QAL	7.53	3.59	1.08	0.477	3.315	6.955	1583.	35.	6.	765.9	24.8	1

CP9 IP12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2015	10	552	37.9779	88.5707	-401.0	QAL	8.25	1.51	1.40	0.0	0.0	5.896	1568.	35.	7.	764.3	24.8	1
2016	0	552	37.9779	88.5700	-399.5	QAL	7.85	2.54	0.85	0.323	2.978	9.220	1532.	41.	3.	763.8	24.8	1
2017	0	552	37.9779	88.5693	-399.7	QAL	7.01	3.94	1.11	0.562	3.559	6.336	1515.	43.	3.	765.4	24.8	1
2018	0	556	37.9779	88.5685	-400.5	QAL	9.68	4.10	1.10	0.423	3.731	8.812	1568.	36.	1.	764.9	24.8	1
2019	0	560	37.9779	88.5679	-400.2	QAL	5.60	5.87	1.16	1.049	5.055	4.821	1577.	28.	3.	763.3	24.8	1
2020	0	568	37.9780	88.5671	-399.5	QAL	12.80	2.65	1.38	0.207	1.923	9.307	1589.	34.	1.	764.3	24.8	1
2021	0	568	37.9780	88.5664	-397.7	QAL	6.75	3.30	1.32	0.489	2.496	5.109	1504.	38.	2.	765.4	24.9	1
2022	0	572	37.9780	88.5657	-397.7	QAL	7.68	4.66	1.17	0.607	3.993	6.576	1544.	38.	3.	763.8	24.8	1
2023	0	568	37.9780	88.5649	-400.2	QAL	7.51	3.46	1.18	0.460	2.924	6.353	1580.	46.	1.	763.8	24.8	1
2024	0	564	37.9780	88.5642	-399.2	QAL	7.58	3.84	0.80	0.506	4.774	9.427	1565.	47.	3.	765.4	24.8	1
2025	0	556	37.9780	88.5635	-395.7	QAL	7.02	2.42	1.40	0.345	1.734	5.027	1585.	33.	0.	764.3	24.8	1
2026	0	556	37.9780	88.5628	-395.5	QAL	8.42	3.11	1.14	0.370	2.741	7.412	1588.	41.	6.	762.8	24.8	1
2027	0	556	37.9780	88.5620	-397.0	QAL	7.10	2.31	1.13	0.325	2.037	6.260	1575.	37.	5.	765.4	24.8	1
2028	0	560	37.9780	88.5613	-395.5	QAL	7.60	2.70	1.27	0.355	2.129	6.005	1577.	39.	5.	765.4	24.8	1
2029	0	560	37.9780	88.5606	-392.2	QAL	8.27	2.59	1.06	0.313	2.447	7.811	1670.	23.	5.	762.8	24.8	1
2030	0	560	37.9780	88.5599	-393.0	QAL	7.74	5.13	1.06	0.663	4.844	7.310	1581.	35.	5.	763.8	24.8	1
2031	10	556	37.9780	88.5592	-393.5	QAL	7.65	1.34	1.38	0.0	0.0	5.549	1673.	25.	10.	765.4	24.8	1
2032	10	556	37.9780	88.5584	-392.5	QAL	7.82	1.21	1.44	0.0	0.0	5.437	1678.	38.	12.	763.8	24.8	1
2033	0	556	37.9780	88.5577	-391.0	QAL	7.84	2.78	0.94	0.354	2.948	8.325	1601.	47.	11.	763.8	24.8	1
2034	0	556	37.9780	88.5570	-390.2	QAL	6.72	3.74	1.01	0.556	3.693	6.641	1644.	38.	10.	765.4	24.8	1
2035	10	560	37.9780	88.5562	-390.0	QAL	9.67	1.43	1.19	0.0	0.0	8.134	1735.	35.	14.	765.4	24.8	1
2036	10	560	37.9780	88.5555	-388.5	QAL	8.04	1.87	0.94	0.0	0.0	8.598	1651.	45.	14.	763.8	24.8	1
2037	10	564	37.9781	88.5548	-388.2	QAL	6.31	0.82	1.40	0.0	0.0	4.515	1671.	55.	15.	764.3	24.8	1
2038	10	564	37.9781	88.5541	-386.5	QAL	8.12	1.34	1.22	0.0	0.0	6.669	1620.	52.	16.	765.4	24.8	1
2039	10	564	37.9781	88.5533	-384.0	QAL	6.72	1.01	0.96	0.0	0.0	7.034	1552.	32.	16.	764.3	24.8	1
2040	0	564	37.9781	88.5526	-384.5	QAL	9.14	2.51	0.96	0.274	2.619	9.555	1670.	38.	13.	763.8	24.9	1
2041	0	564	37.9781	88.5519	-384.5	QAL	6.71	2.16	1.39	0.322	1.558	4.839	1717.	30.	14.	765.4	24.9	1
2042	10	568	37.9781	88.5511	-382.2	QAL	8.51	1.89	1.00	0.0	0.0	8.511	1645.	41.	11.	765.4	24.9	1
2043	10	576	37.9781	88.5504	-383.0	QAL	5.75	2.12	1.28	0.0	0.0	4.475	1667.	48.	16.	762.8	24.9	1
2044	10	568	37.9781	88.5497	-382.0	QAL	8.46	0.17	1.11	0.0	0.0	7.598	1574.	38.	15.	763.8	24.9	1
2045	10	564	37.9781	88.5489	-380.0	QAL	7.98	1.65	0.99	0.0	0.0	8.075	1574.	49.	15.	765.4	24.9	1
2046	10	564	37.9781	88.5482	-379.7	QAL	10.28	1.66	0.96	0.0	0.0	10.700	1615.	27.	17.	764.3	24.9	1
2047	10	560	37.9781	88.5475	-378.2	QAL	8.70	1.69	1.52	0.0	0.0	5.740	1688.	42.	12.	763.3	24.9	1
2048	10	560	37.9782	88.5467	-377.7	QAL	6.09	1.94	1.44	0.0	0.0	4.230	1602.	38.	13.	764.9	24.9	1
2049	0	556	37.9782	88.5460	-376.7	QAL	5.74	2.50	1.68	0.436	1.490	3.419	1823.	26.	18.	765.4	24.9	1
2050	0	548	37.9782	88.5453	-375.7	QAL	5.37	3.29	1.18	0.612	2.798	4.570	1594.	55.	16.	763.8	24.9	1
2051	0	544	37.9782	88.5446	-374.0	QAL	6.81	3.80	1.22	0.558	3.105	5.564	1639.	37.	12.	763.8	24.9	1
2052	0	540	37.9782	88.5438	-372.7	QAL	8.16	5.31	0.89	0.651	5.969	9.173	1659.	50.	9.	765.9	24.9	1
2053	0	540	37.9782	88.5431	-371.0	QAL	6.63	3.59	1.35	0.542	2.665	4.919	1723.	30.	4.	765.9	24.9	1
2054	0	540	37.9782	88.5424	-369.0	QAL	6.44	2.26	1.15	0.352	1.977	5.619	1565.	46.	8.	763.8	24.9	1
2055	0	540	37.9782	88.5417	-368.0	QAL	6.47	2.17	1.18	0.335	1.846	5.509	1643.	39.	7.	764.9	24.9	1
2056	0	540	37.9782	88.5409	-368.0	QAL	7.46	2.29	1.28	0.306	1.788	5.838	1567.	50.	6.	766.4	24.9	1
2057	0	544	37.9782	88.5402	-367.0	QAL	9.41	3.01	0.92	0.320	3.287	10.261	1532.	41.	5.	765.4	25.0	1
2058	0	544	37.9782	88.5395	-365.5	QAL	8.39	2.58	1.23	0.307	2.093	6.809	1636.	32.	5.	764.3	24.9	1
2059	0	540	37.9783	88.5387	-366.5	QAL	6.13	3.68	1.19	0.600	3.094	5.160	1570.	42.	6.	765.4	24.9	1
2060	0	532	37.9783	88.5380	-366.0	QAL	8.24	3.54	1.12	0.430	3.150	7.322	1655.	30.	2.	766.9	25.0	1
2061	0	528	37.9783	88.5373	-362.2	QAL	7.55	5.35	1.04	0.708	5.155	7.279	1689.	42.	0.	765.9	25.0	1
2062	0	520	37.9783	88.5366	-362.0	QAL	7.97	5.37	1.24	0.674	4.347	6.450	1641.	42.	0.	764.9	25.0	1
2063	0	516	37.9783	88.5358	-359.2	QAL	6.73	2.87	1.54	0.426	1.860	4.366	1670.	53.	2.	765.9	25.1	1
2064	0	504	37.9783	88.5351	-358.2	QAL	8.54	4.06	1.26	0.475	3.212	6.756	1694.	52.	0.	768.0	25.1	1
2065	0	496	37.9783	88.5344	-358.0	QAL	6.13	3.99	1.13	0.651	3.537	5.434	1558.	37.	1	765.9	25.1	1
2066	0	492	37.9783	88.5336	-357.2	QAL	6.54	3.85	1.21	0.589	3.171	5.386	1661.	27.	0.	764.3	25.2	1
2067	0	488	37.9783	88.5329	-355.7	QAL	7.72	2.77	1.32	0.359	2.105	5.871	1673.	41.	0.	766.4	25.2	1

CP9 IP 12

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2068	0	484	37.9783	88.5322	-352.7	QAL	8.19	2.63	1.16	0.321	2.268	7.063	1677.	41.	2.	767.4	25.3	1
2069	0	484	37.9783	88.5315	-350.0	QAL	8.04	4.28	1.51	0.533	2.845	5.337	1648.	34.	0.	766.4	25.4	1
2070	0	484	37.9783	88.5307	-347.7	QAL	9.32	2.28	1.01	0.244	2.249	9.205	1644.	35.	5.	765.4	25.4	1
2071	10	448	37.9784	88.5300	-348.0	QAL	7.82	1.25	1.32	0.0	0.0	5.937	1577.	43.	9.	766.9	25.4	1
2072	0	420	37.9783	88.5293	-346.7	QAL	5.75	3.33	0.93	0.580	3.582	6.180	1481.	44.	7.	766.9	25.5	1
2073	0	412	37.9783	88.5286	-345.5	QAL	6.77	2.18	1.04	0.322	2.099	6.527	1441.	37.	9.	765.9	25.5	1
2074	0	404	37.9783	88.5278	-344.2	QAL	4.93	1.78	0.81	0.362	2.210	6.110	1299.	39.	12.	765.9	25.5	1
2075	0	408	37.9783	88.5271	-343.0	QAL	6.32	1.77	1.03	0.280	1.720	6.138	1399.	45.	8.	766.9	25.4	1
2076	10	436	37.9784	88.5264	-344.0	QAL	6.84	1.41	1.00	0.0	0.0	6.829	1481.	45.	7.	767.4	25.5	1
2077	0	488	37.9784	88.5257	-343.5	QAL	7.11	2.40	1.11	0.338	2.159	6.388	1619.	42.	10.	766.4	25.5	1
2078	0	488	37.9784	88.5250	-343.0	QAL	6.91	3.12	1.15	0.452	2.711	6.000	1573.	48.	8.	764.9	25.5	1
2079	0	492	37.9784	88.5242	-340.7	QAL	7.50	3.84	1.14	0.512	3.357	6.557	1632.	31.	6.	765.9	25.6	1
2080	0	492	37.9784	88.5235	-339.2	QAL	7.82	3.59	0.99	0.460	3.646	7.935	1597.	43.	5.	768.0	25.5	1
2081	0	496	37.9784	88.5228	-339.5	QAL	8.96	3.10	1.11	0.346	2.795	8.069	1518.	48.	5.	765.9	25.5	1
2082	10	496	37.9784	88.5220	-341.5	QAL	8.25	1.78	1.53	0.0	0.0	5.378	1569.	47.	7.	764.3	25.5	1
2083	0	496	37.9784	88.5213	-341.0	QAL	9.27	2.62	1.32	0.282	1.978	7.004	1612.	36.	3.	766.4	25.6	1
2084	0	496	37.9784	88.5206	-340.5	QAL	6.79	3.60	1.13	0.531	3.191	6.015	1591.	36.	7.	767.4	25.6	1
2085	0	496	37.9784	88.5199	-341.7	QAL	8.23	3.10	0.95	0.377	3.274	8.693	1598.	29.	6.	766.4	25.6	1
2086	0	496	37.9784	88.5192	-340.5	QAL	5.78	2.81	1.24	0.486	2.273	4.673	1570.	35.	12.	765.9	25.6	1
2087	0	492	37.9784	88.5185	-336.5	QAL	5.78	2.72	0.65	0.470	4.174	8.878	1465.	49.	9.	766.9	25.6	1
2088	10	488	37.9785	88.51[illegible]	-332.5	QAL	6.10	1.11	1.10	0.0	0.0	5.558	1500.	45.	14.	766.9	25.6	1
2089	10	492	37.9785	88.51[illegible]	-326.2	QAL	5.75	1.59	1.18	0.0	0.0	4.864	1538.	37.	17.	765.9	25.6	1
2090	0	496	37.9785	88.5161	-324.7	QAL	6.08	2.37	1.02	0.390	2.339	5.992	1558.	37.	15.	765.9	25.7	1
2091	10	496	37.9785	88.5154	-325.7	QAL	6.59	0.56	1.26	0.0	0.0	5.239	1546.	36.	15.	765.9	25.6	1
2092	10	500	37.9785	88.5146	-324.5	QAL	6.51	1.44	1.44	0.0	0.0	4.513	1685.	47.	11.	766.9	25.7	1
2093	10	504	37.9785	88.5138	-324.7	QAL	9.85	1.58	1.25	0.0	0.0	7.851	1725.	38.	11.	765.9	25.8	1
2094	10	508	37.9786	88.5130	-326.0	QAL	10.26	1.14	1.29	0.0	0.0	7.926	1697.	33.	14.	764.3	25.8	1
2095	0	512	37.9786	88.5123	-327.0	QAL	7.38	2.77	1.25	0.376	2.213	5.886	1609.	42.	11.	765.4	25.8	1
2096	0	516	37.9786	88.5116	-325.5	QAL	7.27	2.27	1.38	0.312	1.647	5.286	1634.	23.	9.	766.4	25.8	1
2097	10	516	37.9786	88.5107	-324.7	QAL	8.40	1.67	1.08	0.0	0.0	7.803	1656.	27.	12.	765.4	25.8	1
2098	10	520	37.9787	88.5099	-324.0	QAL	10.55	1.63	1.19	0.0	0.0	8.852	1685.	36.	11.	764.3	25.8	1
2099	0	520	37.9787	88.5092	-324.7	QAL	9.45	2.23	1.41	0.236	1.584	6.715	1680.	37.	12.	765.4	25.7	1
2100	0	524	37.9786	88.5084	-325.0	QAL	5.02	2.79	1.41	0.556	1.984	3.572	1652.	43.	13.	766.4	25.7	1
2101	0	524	37.9787	88.5077	-324.0	QAL	6.69	3.64	1.04	0.545	3.493	6.414	1603.	45.	11.	766.4	25.6	1
2102	0	520	37.9787	88.5069	-323.5	QAL	7.37	2.14	1.50	0.291	1.425	4.896	1639.	44.	12.	765.4	25.6	1
2103	0	512	37.9787	88.5062	-325.0	QAL	9.40	2.62	0.81	0.279	3.253	11.653	1580.	42.	13.	764.3	25.6	1
2104	10	508	37.9787	88.5054	-323.5	QAL	6.79	1.13	1.35	0.0	0.0	5.039	1606.	42.	11.	765.9	25.6	1
2105	10	504	37.9787	88.5046	-322.5	QAL	7.96	1.29	1.22	0.0	0.0	6.501	1572.	40.	12.	766.9	25.6	1
2106	0	500	37.9787	88.5039	-322.7	QAL	6.63	3.71	0.97	0.560	3.819	6.817	1652.	22.	8.	764.9	25.7	1
2107	0	504	37.9787	88.5031	-322.0	QAL	6.16	2.45	1.06	0.398	2.299	5.780	1576.	33.	9.	764.9	25.8	1
2108	10	508	37.9788	88.5023	-322.5	QAL	9.42	1.25	1.28	0.0	0.0	7.348	1654.	26.	8.	766.9	25.8	1
2109	0	512	37.9788	88.5015	-323.5	QAL	6.83	2.43	1.29	0.356	1.878	5.273	1720.	27.	9.	766.9	25.8	1
2110	0	516	37.9788	88.5008	-323.0	QAL	6.17	2.02	1.20	0.327	1.679	5.129	1539.	47.	7.	764.9	25.8	1
2111	0	520	37.9788	88.5000	-322.7	QAL	8.53	3.52	0.77	0.413	4.571	11.068	1562.	51.	4.	765.4	25.8	1
2112	0	520	37.9788	88.4993	-322.2	QAL	9.51	2.01	1.15	0.212	1.744	8.238	1652.	35.	8.	767.4	25.8	1
2113	0	524	37.9788	88.4985	-323.0	QAL	9.10	4.09	1.00	0.449	4.104	9.131	1685.	36.	7.	766.4	25.7	1
2114	0	524	37.9789	88.4977	-322.7	QAL	7.90	4.87	0.77	0.616	6.282	10.190	1722.	29.	8.	764.3	25.7	1
2115	0	524	37.9789	88.4970	-322.7	QAL	6.09	2.29	1.19	0.377	1.933	5.132	1662.	31.	15.	765.4	25.7	1
2116	0	504	37.9789	88.4962	-322.5	QAL	7.54	2.72	1.33	0.361	2.054	5.690	1616.	26.	14.	766.9	25.7	1
2117	0	468	37.9789	88.4954	-323.2	QAL	6.99	2.39	0.74	0.342	3.218	9.411	1479.	42.	13.	765.9	25.8	1
2118	10	492	37.9789	88.4946	-323.2	QAL	5.88	0.29	1.16	0.0	0.0	5.057	1533.	32.	17.	764.9	25.8	1
2119	0	528	37.9789	88.4939	-324.2	QAL	6.95	2.74	1.06	0.394	2.572	6.533	1690.	39.	15.	765.4	25.8	1
2120	10	524	37.9789	88.4931	-324.7	QAL	7.00	1.83	1.53	0.0	0.0	4.564	1791.	27.	17.	766.4	25.8	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2121	0	524	37.9790	88.4924	-324.7	QAL	5.43	2.15	1.53	0.396	1.406	3.552	1663.	52.	19.	765.4	25.8	1
2122	0	524	37.9790	88.4916	-326.0	QAL	7.34	2.53	1.30	0.345	1.950	5.646	1791.	35.	13.	763.8	25.8	1
2123	10	524	37.9790	88.4909	-326.5	QAL	6.96	1.98	1.08	0.0	0.0	6.430	1705.	45.	15.	764.9	25.8	1
2124	10	520	37.9790	88.4901	-328.0	QAL	7.81	1.79	1.26	0.0	0.0	6.191	1690.	25.	16.	766.9	25.8	1
2125	0	520	37.9790	88.4893	-326.5	QAL	7.38	2.20	1.51	0.298	1.463	4.902	1796.	37.	14.	765.9	25.8	1
2126	0	516	37.9790	88.4886	-326.0	QAL	7.52	1.98	1.43	0.263	1.384	5.260	1770.	27.	9.	764.3	25.8	1
2127	0	512	37.9790	88.4877	-327.0	QAL	10.02	2.33	1.22	0.232	1.915	8.238	1839.	32.	6.	765.4	25.8	1
2128	0	508	37.9791	88.4870	-327.2	QAL	9.18	5.27	1.14	0.574	4.633	8.072	1740.	32.	5.	766.9	25.9	1
2129	0	508	37.9791	88.4862	-329.7	QAL	6.16	4.31	1.27	0.700	3.396	4.855	1695.	32.	3.	765.9	25.9	1
2130	0	508	37.9791	88.4855	-330.5	QAL	6.50	2.44	1.40	0.375	1.736	4.629	1641.	50.	4.	764.9	25.9	1
2131	0	504	37.9791	88.4847	-331.2	QAL	7.39	2.81	1.36	0.380	2.068	5.447	1726.	27.	3.	764.9	25.9	1
2132	0	500	37.9791	88.4840	-330.7	PPB	8.20	2.48	1.25	0.303	1.980	6.543	1737.	34.	3.	766.4	25.9	1
2133	10	500	37.9791	88.4832	-329.5	PPB	6.61	1.48	1.34	0.0	0.0	4.928	1711.	39.	7.	766.4	25.9	1
2134	0	504	37.9791	88.4824	-331.2	PPB	7.23	3.50	1.46	0.484	2.401	4.961	1766.	41.	4.	764.9	25.9	1
2135	10	508	37.9792	88.4816	-333.2	PPB	7.67	1.75	1.40	0.0	0.0	5.460	1790.	31.	9.	764.9	25.9	1
2136	0	504	37.9792	88.4809	-331.7	PPB	7.90	1.99	0.96	0.252	2.080	8.262	1625.	39.	9.	766.9	25.9	1
2137	10	500	37.9792	88.4801	-331.0	PPB	9.34	-0.35	1.15	0.0	0.0	8.126	1558.	29.	14.	767.4	26.0	1
2138	10	500	37.9792	88.4793	-334.5	PPB	9.74	1.60	1.40	0.0	0.0	6.942	1684.	45.	14.	765.4	26.0	1
2139	0	500	37.9792	88.4786	-335.7	PPB	7.07	2.53	1.02	0.358	2.473	6.905	1665.	40.	19.	764.9	26.0	1
2140	0	504	37.9792	88.4778	-334.2	PPB	6.81	2.92	0.90	0.429	3.239	7.550	1635.	46.	13.	765.9	26.0	1
2141	0	504	37.9793	88.4771	-338.0	PPB	7.14	2.22	1.44	0.311	1.537	4.951	1721.	41.	16.	766.9	25.9	1
2142	0	504	37.9793	88.4763	-339.5	QAL	7.30	2.88	1.14	0.394	2.534	6.424	1586.	33.	13.	765.9	25.9	1
2143	10	504	37.9793	88.4756	-339.0	QAL	7.14	1.20	1.16	0.0	0.0	6.140	1627.	35.	16.	765.4	25.9	1
2144	10	504	37.9793	88.4747	-340.5	QAL	5.41	0.11	1.40	0.0	0.0	3.867	1638.	32.	17.	767.4	25.9	1
2145	0	504	37.9793	88.4740	-342.7	QAL	7.88	2.31	1.62	0.293	1.423	4.855	1673.	40.	15.	767.4	25.9	1
2146	10	500	37.9793	88.4732	-342.0	QAL	8.13	1.41	1.07	0.0	0.0	7.619	1616.	42.	17.	764.3	25.9	1
2147	10	496	37.9793	88.4725	-342.0	QAL	10.10	1.88	1.40	0.0	0.0	7.222	1750.	28.	14.	764.3	26.0	1
2148	0	492	37.9794	88.4717	-343.2	QAL	8.10	2.67	1.08	0.329	2.479	7.527	1691.	38.	13.	766.9	26.0	1
2149	0	496	37.9794	88.4709	-344.0	QAL	7.56	4.04	0.87	0.535	4.655	8.699	1690.	37.	11.	768.0	26.0	1
2150	10	496	37.9794	88.4702	-344.0	QAL	8.69	0.78	1.52	0.0	0.0	5.711	1744.	35.	12.	766.9	26.0	1
2151	0	492	37.9794	88.4694	-345.0	QAL	7.47	2.60	1.14	0.348	2.269	6.528	1675.	42.	11.	765.9	26.0	1
2152	0	488	37.9794	88.4687	-346.7	QAL	4.70	2.51	1.45	0.534	1.733	3.248	1671.	37.	9.	766.9	26.0	1
2153	0	488	37.9794	88.4678	-348.2	QAL	6.22	2.44	1.19	0.392	2.050	5.228	1653.	46.	9.	766.9	26.0	1
2154	0	488	37.9794	88.4671	-349.0	QAL	6.79	5.54	1.04	0.815	5.309	6.512	1640.	39.	4.	765.9	26.1	1
2155	10	488	37.9795	88.4663	-351.0	QAL	7.45	1.53	1.07	0.0	0.0	6.983	1552.	37.	7.	765.4	26.2	1
2156	0	492	37.9795	88.4655	-351.5	QAL	7.73	2.55	1.32	0.330	1.935	5.865	1578.	34.	4.	766.4	26.2	1
2157	0	492	37.9794	88.4648	-351.2	QAL	5.14	3.16	1.44	0.614	2.195	3.575	1587.	28.	8.	767.4	26.1	1
2158	0	500	37.9795	88.4640	-353.0	QAL	6.34	2.54	1.13	0.401	2.255	5.624	1605.	30.	7.	766.4	26.2	1
2159	0	508	37.9795	88.4633	-354.5	QAL	7.88	3.49	1.46	0.442	2.382	5.384	1608.	36.	2.	764.9	26.2	1
2160	10	516	37.9795	88.4625	-356.0	QAL	6.02	1.14	1.41	0.0	0.0	4.262	1600.	52.	13.	765.9	26.2	1
2161	10	520	37.9795	88.4618	-356.7	QAL	7.23	1.07	1.17	0.0	0.0	6.175	1573.	29.	13.	766.9	26.1	1
2162	10	528	37.9796	88.4610	-358.0	QAL	5.95	1.37	1.50	0.0	0.0	3.956	1669.	42.	8.	766.9	26.1	1
2163	0	532	37.9796	88.4603	-359.2	QAL	7.56	2.35	1.30	0.311	1.815	5.833	1541.	34.	10.	764.9	26.0	1
2164	10	528	37.9796	88.4594	-361.5	QAL	6.97	0.79	1.62	0.0	0.0	4.307	1627.	44.	14.	764.3	26.0	1
2165	10	524	37.9796	88.4586	-361.5	QAL	7.58	0.27	1.44	0.0	0.0	5.266	1515.	48.	11.	763.8	25.9	1
2166	0	524	37.9796	88.4579	-361.5	QAL	9.16	3.93	1.09	0.429	3.608	8.406	1629.	32.	9.	765.9	25.9	1
2167	0	524	37.9796	88.4572	-363.2	QAL	6.61	2.11	1.12	0.319	1.882	5.902	1563.	41.	6.	766.4	26.0	1
2168	0	524	37.9796	88.4564	-363.5	QAL	5.14	2.05	1.46	0.399	1.401	3.513	1439.	46.	9.	764.3	26.1	1
2169	0	524	37.9796	88.4556	-363.5	QAL	8.40	2.06	1.40	0.245	1.476	6.018	1606.	47.	4.	764.3	26.1	1
2170	0	524	37.9796	88.4548	-364.7	QAL	5.26	2.13	1.30	0.405	1.638	4.046	1527.	36.	8.	766.4	26.0	1
2171	0	528	37.9796	88.4541	-366.2	QAL	6.44	3.61	1.29	0.561	2.798	4.991	1711.	51.	5.	766.4	26.0	1
2172	10	528	37.9797	88.4534	-367.5	QAL	8.57	1.54	1.50	0.0	0.0	5.711	1621.	37.	5.	765.4	26.0	1
2173	0	532	37.9797	88.4525	-368.2	QAL	7.76	2.21	1.34	0.285	1.646	5.774	1576.	49.	4.	764.3	25.9	1

*	TAGS		* LOCATION		*			REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2174	0	528	37.9797	88.4517	-368.5		QAL	5.80	2.11	1.38	0.365	1.537	4.215	1625.	37.	6.	764.9	25.9	1
2175	0	528	37.9797	88.4510	-368.7		QAL	5.87	4.20	1.55	0.715	2.703	3.781	1732.	31.	1.	766.9	25.9	1
2176	0	528	37.9797	88.4502	-368.2		QAL	7.99	3.41	1.55	0.426	2.201	5.161	1657.	35.	0.	765.9	25.8	1
2177	0	528	37.9797	88.4495	-370.7		QAL	7.17	3.41	1.30	0.475	2.623	5.516	1595.	41.	0.	763.8	26.0	1
2178	0	532	37.9798	88.4487	-371.2		QAL	8.22	3.60	1.43	0.438	2.527	5.765	1675.	36.	1.	764.9	26.1	1
2179	0	536	37.9798	88.4480	-371.5		QAL	5.93	4.16	1.37	0.701	3.026	4.317	1662.	40.	3.	766.4	26.1	1
2180	0	540	37.9798	88.4472	-373.2		QAL	6.21	2.34	1.42	0.378	1.652	4.374	1804.	34.	4.	766.4	26.1	1
2181	0	540	37.9798	88.4464	-375.2		QAL	7.68	2.20	1.59	0.286	1.381	4.829	1767.	42.	5.	765.9	26.2	1
2182	0	540	37.9798	88.4457	-376.7		QAL	9.11	3.69	1.58	0.406	2.344	5.778	1795.	34.	4.	764.9	26.2	1
2183	0	544	37.9798	88.4449	-376.5		QAL	6.36	5.01	1.48	0.787	3.390	4.308	1768.	43.	5.	764.3	26.2	1
2184	10	544	37.9798	88.4442	-376.5		QAL	7.76	1.62	1.96	0.0	0.0	3.970	1805.	29.	8.	765.4	26.3	1
2185	0	544	37.9799	88.4433	-379.2		QAL	8.27	2.36	1.49	0.286	1.588	5.556	1771.	46.	9.	766.4	26.3	1
2186	0	548	37.9799	88.4426	-380.7		QAL	8.48	2.90	1.49	0.342	1.950	5.702	1866.	43.	9.	766.4	26.2	1
2187	10	544	37.9799	88.4418	-380.0		QAL	8.78	1.62	1.96	0.0	0.0	4.477	1790.	48.	7.	765.4	26.1	1
2188	10	536	37.9799	88.4411	-380.2		QAL	6.30	0.78	1.83	0.0	0.0	3.446	1714.	46.	7.	764.3	26.1	1
2189	0	532	37.9799	88.4402	-382.5		QAL	4.11	5.02	1.43	1.223	3.508	2.869	1747.	41.	7.	765.4	26.0	1
2190	10	524	37.9799	88.4395	-383.7		QAL	6.86	1.61	1.72	0.0	0.0	3.998	1732.	46.	6.	766.4	26.0	1
2191	10	520	37.9799	88.4388	-384.2		QAL	9.49	1.81	1.65	0.0	0.0	5.750	1779.	48.	5.	766.4	26.0	1
2192	0	512	37.9800	88.4380	-385.2		QAL	8.22	2.75	1.54	0.335	1.791	5.349	1888.	41.	5.	766.4	26.0	1
2193	0	504	37.9800	88.4372	-387.0		QAL	7.00	2.62	1.63	0.374	1.603	4.281	1779.	43.	4.	765.4	26.0	1
2194	0	500	37.9800	88.4364	-387.5		QAL	8.72	2.83	1.80	0.325	1.572	4.841	1893.	40.	4.	764.3	26.0	1
2195	0	496	37.9800	88.4357	-389.5		QAL	8.32	2.29	1.50	0.275	1.527	5.552	1892.	28.	5.	766.4	26.0	1
2196	0	496	37.9800	88.4349	-390.0		QAL	9.24	3.15	1.67	0.341	1.885	5.537	1861.	45.	5.	767.4	26.1	1
2197	0	500	37.9800	88.4342	-389.7		QAL	8.38	1.91	1.61	0.228	1.186	5.209	1885.	36.	4.	766.9	26.2	1
2198	0	504	37.9800	88.4334	-392.0		QAL	6.74	3.90	2.03	0.579	1.925	3.327	1839.	50.	3.	765.9	26.3	1
2199	0	508	37.9801	88.4327	-393.0		QAL	6.24	4.41	2.09	0.707	2.106	2.979	1925.	42.	5.	764.9	26.3	1
2200	10	512	37.9801	88.4319	-394.2		QAL	9.30	0.84	1.92	0.0	0.0	4.853	1982.	43.	10.	765.4	26.3	1
2201	10	512	37.9800	88.4311	-396.2		QAL	6.32	1.63	1.77	0.0	0.0	3.569	1793.	47.	11.	767.4	26.2	1
2202	10	512	37.9801	88.4304	-395.2		QAL	8.01	1.27	1.75	0.0	0.0	4.568	1895.	52.	11.	767.4	26.2	1
2203	10	508	37.9801	88.4296	-395.5		QAL	9.43	1.91	2.08	0.0	0.0	4.524	1880.	38.	12.	766.4	26.1	1
2204	0	508	37.9801	88.4288	-397.7		QAL	9.01	2.03	1.79	0.226	1.135	5.026	1946.	41.	9.	764.9	26.2	1
2205	0	508	37.9802	88.4280	-398.2		QAL	6.53	1.83	1.83	0.280	1.001	3.579	1878.	44.	10.	764.3	26.3	1
2206	0	516	37.9802	88.4273	-398.0		QAL	7.60	5.02	1.59	0.661	3.166	4.793	1970.	50.	9.	765.4	26.5	1
2207	0	520	37.9802	88.4265	-397.5		QAL	7.19	3.77	1.76	0.524	2.134	4.075	1880.	45.	7.	766.4	26.3	1
2208	0	524	37.9801	88.4258	-400.2		QAL	8.73	2.64	1.44	0.303	1.838	6.070	1846.	39.	9.	765.4	26.3	1
2209	10	532	37.9802	88.4250	-402.7		QAL	8.04	1.36	1.59	0.0	0.0	5.054	1810.	48.	7.	764.3	26.3	1
2210	0	536	37.9802	88.4242	-404.7		QAL	8.62	3.53	1.09	0.410	3.250	7.927	1753.	50.	3.	764.3	26.2	1
2211	0	532	37.9802	88.4234	-405.2		QAL	7.66	3.50	1.70	0.457	2.060	4.504	1842.	29.	6.	764.3	26.1	1
2212	0	536	37.9802	88.4227	-407.5		QAL	9.15	4.77	1.14	0.522	4.180	8.014	1707.	47.	3.	766.4	26.0	1
2213	0	524	37.9802	88.4219	-410.7		QAL	8.22	3.27	1.53	0.397	2.135	5.372	1689.	47.	1.	766.4	26.0	1
2214	10	520	37.9802	88.4211	-411.5		QAL	9.60	1.43	1.44	0.0	0.0	6.657	1742.	38.	3.	764.3	25.9	1
2215	0	512	37.9803	88.4204	-412.7		QAL	9.27	2.75	1.42	0.297	1.940	6.526	1698.	41.	2.	764.3	25.9	1
2216	0	508	37.9803	88.4196	-412.2		QAL	6.51	3.80	1.27	0.583	2.998	5.140	1680.	54.	0.	765.4	25.9	1
2217	0	504	37.9803	88.4189	-412.5		PPB	6.56	4.70	1.38	0.716	3.410	4.760	1735.	35.	2.	767.4	25.9	1
2218	0	500	37.9803	88.4181	-412.7		PPB	8.95	2.52	1.21	0.281	2.085	7.420	1742.	41.	3.	767.4	25.9	1
2219	0	492	37.9803	88.4174	-412.2		PPB	4.37	3.65	1.24	0.835	2.945	3.526	1598.	34.	7.	765.4	25.8	1
2220	0	480	37.9803	88.4165	-414.2		PPB	7.85	3.33	1.19	0.424	2.803	6.612	1655.	27.	6.	765.4	25.9	1
2221	0	476	37.9803	88.4158	-418.2		PPB	6.84	3.55	1.03	0.519	3.464	6.671	1594.	41.	4.	767.4	25.8	1
2222	10	468	37.9804	88.4150	-420.7		PPB	4.90	1.36	1.34	0.0	0.0	3.657	1572.	39.	11.	767.4	25.9	1
2223	10	472	37.9804	88.4142	-420.7		PPB	8.93	1.25	1.09	0.0	0.0	8.212	1648.	33.	9.	766.4	25.9	1
2224	10	472	37.9804	88.4135	-422.7		PPB	8.39	1.56	1.26	0.0	0.0	6.659	1683.	38.	8.	765.4	25.9	1
2225	0	468	37.9804	88.4127	-425.0		PPB	8.77	2.72	1.31	0.311	2.080	6.695	1696.	38.	9.	766.4	25.9	1
2226	0	460	37.9804	88.4120	-425.2		PPB	8.43	2.51	1.09	0.297	2.296	7.730	1699.	42.	6.	767.4	25.9	1

*	TAGS		* LOCATION		*			REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2227	0	456	37.9804	88.4112	-426.7		PPB	8.18	4.16	1.33	0.508	3.138	6.174	1703.	25.	4.	767.4	25.9	1
2228	0	464	37.9804	88.4105	-427.5		PPB	5.21	2.86	1.14	0.550	2.509	4.562	1665.	37.	6.	765.4	26.0	1
2229	0	472	37.9805	88.4097	-428.7		PPB	8.14	3.80	1.17	0.467	3.236	6.927	1684.	36.	7.	765.4	26.1	1
2230	0	484	37.9805	88.4089	-429.7		PPB	5.26	2.30	1.26	0.438	1.825	4.168	1597.	48.	10.	765.4	26.1	1
2231	0	492	37.9805	88.4081	-430.2		PPB	6.34	5.33	0.86	0.841	6.193	7.364	1618.	33.	8.	766.4	26.1	1
2232	0	500	37.9805	88.4074	-429.2		PPB	8.26	3.90	0.94	0.472	4.163	8.826	1627.	45.	12.	767.4	26.1	1
2233	10	500	37.9805	88.4066	-430.7		PPB	8.00	1.41	1.11	0.0	0.0	7.219	1606.	35.	9.	765.4	26.1	1
2234	0	508	37.9805	88.4058	-431.2		PPB	6.49	3.67	0.91	0.566	4.035	7.134	1502.	45.	9.	764.3	26.1	1
2235	10	508	37.9805	88.4051	-432.2		PPB	7.41	1.44	0.88	0.0	0.0	8.393	1454.	43.	8.	765.4	26.2	1
2236	0	512	37.9806	88.4043	-432.2		QAL	6.77	3.40	1.08	0.503	3.149	6.265	1529.	46.	3.	766.4	26.1	1
2237	0	508	37.9806	88.4036	-430.2		QAL	7.07	3.90	0.98	0.551	3.972	7.207	1533.	37.	4.	766.4	26.0	1
2238	0	508	37.9806	88.4028	-432.7		QAL	6.35	1.86	1.19	0.293	1.568	5.351	1591.	29.	6.	766.4	26.0	1
2239	0	512	37.9806	88.4021	-437.7		QAL	5.88	3.40	1.07	0.577	3.168	5.487	1494.	30.	6.	765.4	26.0	1
2240	10	512	37.9806	88.4012	-439.0		QAL	7.28	1.64	1.34	0.0	0.0	5.416	1503.	44.	7.	765.4	26.0	1
2241	0	504	37.9806	88.4005	-439.5		QAL	6.25	2.89	0.94	0.462	3.081	6.664	1433.	35.	4.	765.4	25.9	1
2242	0	500	37.9807	88.3997	-440.5		PPB	7.64	4.20	0.83	0.549	5.025	9.149	1494.	44.	8.	766.4	25.9	1
2243	10	492	37.9807	88.3989	-440.5		PPB	4.98	1.69	1.12	0.0	0.0	4.441	1523.	42.	13.	767.4	25.8	1
2244	10	488	37.9807	88.3982	-441.5		PPB	6.09	1.19	1.26	0.0	0.0	4.836	1497.	39.	11.	767.4	25.8	1
2245	10	488	37.9807	88.3974	-443.0		PPB	7.39	1.79	1.11	0.0	0.0	6.633	1504.	38.	11.	765.4	25.8	1
2246	0	484	37.9807	88.3967	-443.7		PPB	7.45	1.91	1.24	0.257	1.541	6.007	1499.	27.	10.	765.4	25.8	1
2247	10	476	37.9807	88.3959	-444.0		PPB	6.30	1.61	1.30	0.0	0.0	4.826	1534.	36.	12.	765.4	25.8	1
2248	0	472	37.9807	88.3951	-443.2		PPB	8.29	2.01	1.11	0.243	1.812	7.465	1551.	41.	9.	766.4	25.9	1
2249	10	476	37.9807	88.3943	-445.0		PPB	6.77	1.70	1.26	0.0	0.0	5.357	1601.	39.	10.	767.4	25.9	1
2250	10	472	37.9807	88.3937	-445.0		PPB	8.52	1.08	1.07	0.0	0.0	7.965	1487.	48.	7.	766.4	26.0	1
2251	0	472	37.9807	88.3928	-442.5		PPB	6.77	2.80	1.19	0.414	2.355	5.695	1617.	32.	4.	765.9	26.1	1
2252	0	460	37.9808	88.3920	-442.2		PPB	7.70	2.21	0.85	0.287	2.593	9.022	1601.	46.	8.	765.9	25.9	1
2253	10	460	37.9808	88.3913	-444.2		PPB	4.85	0.93	1.02	0.0	0.0	4.745	1502.	54.	7.	764.9	25.8	1
2254	0	468	37.9808	88.3905	-446.2		PPB	6.31	3.20	1.36	0.506	2.352	4.647	1586.	40.	3.	765.9	25.9	1
2255	0	468	37.9808	88.3898	-446.2		PPB	7.14	3.36	1.19	0.471	2.829	6.003	1642.	26.	0.	766.9	25.9	1
2256	0	468	37.9809	88.3890	-447.0		PPB	8.14	3.65	1.19	0.449	3.081	6.865	1585.	34.	4.	766.9	25.9	1
2257	0	468	37.9809	88.3882	-447.2		PPB	5.72	4.54	1.23	0.794	3.689	4.647	1575.	46.	2.	766.4	26.0	1
2258	0	464	37.9809	88.3875	-448.7		PPB	7.70	2.24	1.01	0.291	2.216	7.608	1534.	33.	5.	765.4	26.0	1
2259	0	468	37.9809	88.3867	-448.7		PPB	5.63	3.48	1.04	0.618	3.331	5.392	1502.	43.	5.	764.3	26.0	1
2260	0	472	37.9809	88.3859	-448.2		PPB	7.82	4.91	0.96	0.627	5.094	8.119	1653.	41.	4.	766.4	26.0	1
2261	0	464	37.9809	88.3851	-449.7		PPB	6.79	2.09	1.03	0.308	2.028	6.580	1664.	39.	8.	767.4	26.1	1
2262	0	460	37.9810	88.3844	-449.2		PPB	7.26	2.18	1.61	0.300	1.351	4.507	1649.	40.	4.	766.4	26.1	1
2263	0	456	37.9810	88.3836	-448.7		PPB	9.40	2.11	1.32	0.225	1.597	7.109	1655.	46.	7.	765.4	26.1	1
2264	0	460	37.9809	88.3829	-450.5		PPB	8.18	3.10	1.53	0.380	2.025	5.335	1703.	44.	4.	764.3	26.1	1
2265	0	460	37.9809	88.3821	-450.0		PPB	9.28	2.35	1.19	0.253	1.965	7.768	1592.	39.	5.	763.8	26.1	1
2266	0	460	37.9810	88.3813	-448.2		PPB	7.12	3.11	1.08	0.437	2.871	6.570	1585.	49.	2.	765.4	26.0	1
2267	0	460	37.9810	88.3806	-448.2		PPB	6.99	2.54	1.10	0.363	2.314	6.371	1529.	41.	4.	767.4	26.0	1
2268	0	456	37.9810	88.3798	-448.0		PPB	8.63	1.82	1.10	0.211	1.652	7.822	1537.	31.	3.	766.4	26.0	1
2269	0	456	37.9810	88.3791	-447.0		PPB	8.21	3.38	0.94	0.412	3.606	8.758	1478.	40.	0.	765.4	26.0	1
2270	0	456	37.9810	88.3783	-448.0		PPB	7.04	1.88	1.28	0.267	1.464	5.486	1586.	31.	4.	764.3	25.9	1
2271	10	448	37.9810	88.3775	-443.7		PPB	7.94	1.14	0.98	0.0	0.0	8.101	1436.	31.	3.	764.3	25.9	1
2272	0	440	37.9810	88.3767	-441.2		PPB	6.07	3.70	0.72	0.610	5.138	8.430	1411.	39.	2.	765.4	26.0	1
2273	0	440	37.9811	88.3760	-446.7		PPB	6.21	4.17	0.99	0.670	4.212	6.284	1515.	31.	2.	766.9	25.9	1
2274	0	436	37.9811	88.3752	-448.7		PPB	8.10	2.86	0.94	0.353	3.032	8.595	1519.	39.	4.	766.9	26.0	1
2275	0	424	37.9811	88.3745	-448.0		PPB	8.35	2.45	0.87	0.293	2.825	9.637	1547.	41.	6.	765.9	25.9	1
2276	0	416	37.9811	88.3737	-448.7		PPB	8.40	1.81	1.21	0.216	1.493	6.922	1559.	48.	9.	765.9	26.0	1
2277	10	412	37.9811	88.3729	-446.2		PPB	9.08	0.43	1.54	0.0	0.0	5.885	1512.	46.	11.	765.9	26.0	1
2278	0	408	37.9811	88.3722	-443.5		PPB	4.75	1.85	1.07	0.390	1.724	4.422	1597.	45.	17.	766.9	26.0	1
2279	10	404	37.9812	88.3714	-445.2		PPB	9.06	0.84	1.32	0.0	0.0	6.870	1664.	46.	14.	768.0	25.9	1

CP9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2280	10	400	37.9812	88.3706	-448.2	PPB	7.96	1.62	1.20	0.0	0.0	6.643	1665.	50.	16.	767.4	26.0	1
2281	10	400	37.9812	88.3698	-446.7	PPB	6.91	1.34	1.11	0.0	0.0	6.206	1466.	60.	16.	766.4	26.0	1
2282	0	404	37.9812	88.3691	-443.2	PPB	6.16	1.58	1.09	0.257	1.445	5.629	1477.	33.	15.	766.4	26.0	1
2283	10	404	37.9812	88.3683	-438.5	PPB	6.57	0.45	1.24	0.0	0.0	5.314	1515.	40.	16.	766.4	26.0	1
2284	10	400	37.9812	88.3676	-438.0	PPB	9.26	1.50	1.00	0.0	0.0	9.306	1500.	52.	10.	767.4	26.0	1
2285	0	404	37.9812	88.3668	-442.0	PPB	5.25	4.00	1.22	0.762	3.281	4.304	1588.	39.	5.	768.5	26.0	1
2286	0	408	37.9812	88.3660	-445.0	PPB	5.01	2.88	0.76	0.575	3.801	6.610	1523.	47.	9.	768.5	26.0	1
2287	10	412	37.9812	88.3652	-444.2	PPB	8.23	0.61	1.54	0.0	0.0	5.331	1579.	46.	10.	770.5	26.0	1
2288	0	416	37.9812	88.3645	-444.7	PPB	6.06	3.28	1.00	0.541	3.265	6.033	1498.	43.	5.	769.5	26.0	1
2289	10	424	37.9813	88.3637	-444.7	PPB	11.07	1.30	1.27	0.0	0.0	8.686	1513.	40.	4.	767.4	25.9	1
2290	0	428	37.9813	88.3629	-445.7	PPB	6.47	2.99	1.20	0.463	2.497	5.395	1503.	24.	4.	766.4	26.0	1
2291	0	428	37.9813	88.3622	-445.0	PPB	7.41	2.66	1.27	0.358	2.095	5.844	1548.	41.	1.	766.4	25.9	1
2292	0	432	37.9813	88.3614	-443.7	PPB	7.57	2.21	0.90	0.292	2.448	8.389	1372.	43.	2.	765.9	26.0	1
2293	0	436	37.9814	88.3607	-442.0	PPB	7.56	2.61	0.88	0.345	2.964	8.590	1420.	44.	3.	767.4	26.1	1
2294	0	444	37.9814	88.3599	-442.2	PPB	6.98	3.00	1.01	0.430	2.980	6.926	1479.	39.	1.	768.5	26.2	1
2295	0	456	37.9814	88.3592	-443.2	PPB	7.24	2.69	0.93	0.371	2.892	7.787	1577.	34.	5.	768.5	26.1	1
2296	0	460	37.9814	88.3584	-443.0	PPB	8.62	3.07	0.60	0.356	5.124	14.383	1460.	36.	7.	767.4	26.2	1
2297	10	468	37.9814	88.3576	-440.5	PPB	7.64	1.64	0.88	0.0	0.0	8.713	1463.	45.	11.	765.9	26.1	1
2298	0	472	37.9814	88.3568	-439.2	PPB	6.07	2.72	1.04	0.449	2.627	5.854	1489.	40.	13.	764.9	26.1	1
2299	0	472	37.9814	88.3561	-438.2	PPB	7.56	2.25	0.85	0.297	2.633	8.857	1481.	34.	12.	765.4	26.0	1
2300	0	472	37.9814	88.3554	-438.2	PPB	5.56	2.38	1.20	0.429	1.986	4.632	1494.	44.	10.	767.4	26.0	1
2301	10	476	37.9814	88.3546	-437.5	PPB	8.23	0.73	1.09	0.0	0.0	7.577	1501.	48.	14.	768.0	25.9	1
2302	0	484	37.9814	88.3540	-439.0	PPB	6.42	2.40	1.10	0.373	2.180	5.847	1616.	47.	11.	765.9	25.9	1
2303	0	492	37.9814	88.3533	-440.5	PPB	8.41	2.70	1.22	0.321	2.220	6.918	1601.	36.	13.	765.9	25.9	1
2304	0	492	37.9814	88.3526	-438.5	PPB	9.64	2.72	0.91	0.282	2.977	10.548	1604.	43.	11.	765.9	25.9	1
2305	0	492	37.9813	88.3519	-437.5	PPB	6.23	3.89	0.96	0.625	4.057	6.488	1532.	33.	8.	765.4	25.9	1
2306	0	488	37.9813	88.3512	-437.5	QAL	7.85	2.49	1.33	0.317	1.867	5.885	1583.	39.	6.	766.9	25.9	1
2307	0	480	37.9813	88.3505	-436.2	QAL	8.04	2.90	1.24	0.361	2.340	6.474	1606.	28.	4.	768.0	25.9	1
2308	0	472	37.9813	88.3499	-435.5	QAL	9.40	2.19	1.11	0.233	1.979	8.485	1569.	36.	4.	767.4	25.9	1
2309	10	468	37.9813	88.3492	-435.5	QAL	10.47	0.81	1.30	0.0	0.0	8.042	1672.	37.	1.	767.4	25.9	1
2310	0	464	37.9813	88.3485	-434.7	QAL	8.13	2.23	1.26	0.274	1.765	6.443	1640.	38.	2.	767.4	25.9	1
2311	0	460	37.9812	88.3478	-434.0	QAL	8.01	2.61	1.45	0.326	1.806	5.540	1592.	45.	3.	765.9	25.9	1
2312	10	460	37.9812	88.3471	-433.0	QAL	9.37	0.98	1.33	0.0	0.0	7.050	1563.	41.	3.	765.4	25.9	1
2313	0	456	37.9812	88.3464	-430.7	QAL	6.74	3.02	1.12	0.447	2.692	6.016	1594.	32.	7.	766.9	26.0	1
2314	0	460	37.9812	88.3457	-431.7	QAL	7.15	2.43	0.77	0.339	3.133	9.231	1512.	42.	4.	769.0	26.0	1
2315	0	460	37.9812	88.3450	-432.5	QAL	6.25	3.36	1.29	0.538	2.610	4.849	1645.	43.	4.	769.0	26.1	1
2316	0	464	37.9812	88.3444	-431.7	QAL	6.96	1.50	1.49	0.216	1.006	4.666	1547.	35.	2.	768.0	26.1	1
2317	10	468	37.9812	88.3437	-431.5	QAL	7.06	1.37	1.18	0.0	0.0	5.975	1617.	40.	4.	767.4	26.1	1
2318	0	472	37.9812	88.3430	-431.5	QAL	6.80	1.78	1.29	0.261	1.377	5.270	1641.	42.	8.	766.4	26.1	1
2319	10	476	37.9811	88.3422	-431.0	QAL	7.71	1.55	1.30	0.0	0.0	5.920	1673.	35.	5.	766.4	26.1	1
2320	0	476	37.9811	88.3416	-430.5	PPB	6.55	2.12	1.37	0.324	1.545	4.775	1721.	33.	7.	767.4	26.1	1
2321	0	480	37.9811	88.3409	-429.2	PPB	7.65	3.17	1.18	0.414	2.675	6.464	1632.	29.	4.	768.0	26.1	1
2322	0	480	37.9811	88.3402	-430.0	PPB	7.07	1.89	1.16	0.267	1.630	6.104	1591.	42.	9.	768.0	26.1	1
2323	0	484	37.9811	88.3395	-430.7	PPB	6.84	2.62	1.15	0.384	2.283	5.951	1596.	37.	6.	766.9	26.1	1
2324	0	488	37.9811	88.3389	-429.7	PPB	6.96	2.18	1.20	0.314	1.813	5.774	1572.	42.	10.	765.9	26.1	1
2325	0	488	37.9811	88.3381	-429.5	PPB	7.68	2.09	1.34	0.272	1.560	5.727	1616.	40.	10.	765.4	26.0	1
2326	0	484	37.9810	88.3375	-430.0	PPB	6.83	2.67	0.97	0.391	2.739	7.011	1557.	44.	7.	765.4	26.0	1
2327	0	488	37.9810	88.3368	-429.0	PPB	7.60	2.01	1.15	0.264	1.740	6.593	1556.	51.	8.	766.4	26.0	1
2328	10	484	37.9810	88.3360	-428.5	PPB	7.37	1.46	1.34	0.0	0.0	5.512	1605.	46.	10.	767.4	26.0	1
2329	0	480	37.9810	88.3354	-429.2	PPB	7.69	3.87	1.27	0.504	3.040	6.035	1709.	31.	6.	767.4	26.0	1
2330	0	480	37.9810	88.3346	-429.2	PPB	7.92	1.67	1.47	0.210	1.136	5.401	1604.	36.	5.	767.4	26.2	1
2331	0	480	37.9810	88.3340	-426.5	PPB	7.17	3.26	0.98	0.454	3.324	7.313	1543.	33.	5.	767.4	26.2	1
2332	0	480	37.9810	88.3333	-425.0	PPB	5.76	1.74	1.15	0.302	1.515	5.017	1447.	35.	4.	766.4	26.2	1

CP9 1P12

FLIGHT LINE 1 DAY 177 REDUCED DATA TEX-KENT 1979 PADUCAH PAGE NO 45

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2333	0	480	37.9810	88.3326	-425.5	PPB	7.72	2.89	1.03	0.375	2.811	7.498	1496.	41.	0.	764.3	26.2	1
2334	0	484	37.9809	88.3319	-426.2	PPB	6.34	3.88	0.93	0.613	4.194	6.846	1400.	35.	0.	765.4	26.3	1
2335	0	484	37.9809	88.3312	-426.0	PPB	7.34	2.84	1.21	0.386	2.334	6.040	1420.	38.	0.	766.4	26.2	1
2336	0	480	37.9809	88.3305	-426.2	PPB	6.31	3.63	0.96	0.575	3.766	6.548	1375.	40.	2.	766.4	26.2	1
2337	0	472	37.9809	88.3298	-427.0	PPB	7.18	3.07	1.02	0.428	3.009	7.039	1424.	45.	0.	766.4	26.1	1
2338	0	468	37.9809	88.3291	-424.7	PPB	7.14	3.13	0.93	0.439	3.358	7.658	1330.	44.	0.	766.4	26.2	1
2339	0	464	37.9809	88.3285	-425.0	PPB	5.27	2.25	1.01	0.427	2.229	5.223	1408.	42.	0.	766.4	26.2	1
2340	0	456	37.9809	88.3277	-425.7	PPB	7.32	2.76	0.96	0.377	2.886	7.659	1397.	36.	2.	765.4	26.2	1
2341	0	456	37.9809	88.3271	-426.0	PPB	7.08	2.38	0.90	0.336	2.648	7.871	1358.	49.	0.	765.4	26.1	1
2342	0	448	37.9809	88.3264	-424.0	PPB	6.06	4.29	0.86	0.709	4.963	7.002	1390.	34.	1.	766.4	26.1	1
2343	0	440	37.9808	88.3257	-417.0	PPB	4.40	3.01	0.93	0.685	3.234	4.721	1326.	34.	0.	766.4	26.0	1
2344	0	436	37.9808	88.3250	-414.0	PPB	5.07	1.98	0.80	0.391	2.479	6.344	1251.	39.	0.	767.4	26.0	1
2345	0	424	37.9808	88.3244	-413.2	PPB	5.18	1.95	0.80	0.376	2.438	6.490	1206.	35.	4.	768.5	26.0	1
2346	0	416	37.9808	88.3236	-410.2	PPB	5.00	2.99	0.59	0.599	5.106	8.521	1190.	30.	2.	768.5	26.0	1
2347	0	416	37.9808	88.3229	-410.0	PPB	5.31	2.96	0.73	0.558	4.057	7.264	1213.	30.	4.	768.5	26.0	1
2348	0	412	37.9807	88.3222	-417.2	PPB	4.74	2.62	0.76	0.554	3.430	6.195	1203.	40.	6.	767.4	26.0	1
2349	0	408	37.9807	88.3216	-421.5	PPB	5.17	2.00	0.81	0.388	2.459	6.343	1333.	42.	7.	767.4	26.0	1
2350	0	408	37.9807	88.3209	-423.5	PPB	7.15	2.73	0.73	0.382	3.724	9.741	1386.	31.	0.	766.4	26.1	1
2351	0	412	37.9807	88.3202	-426.5	PPB	4.11	3.20	0.82	0.778	3.894	5.003	1364.	34.	3.	765.4	26.1	1
2352	0	412	37.9807	88.3195	-425.2	PPB	5.29	2.30	1.03	0.435	2.227	5.120	1388.	37.	4.	765.4	26.1	1
2353	0	404	37.9807	88.3188	-426.5	PPB	7.69	1.66	1.14	0.215	1.449	6.729	1315.	33.	3.	765.9	26.1	1
2354	0	404	37.9807	88.3181	-429.7	PPB	6.73	2.74	0.84	0.407	3.254	7.989	1447.	41.	3.	765.9	26.0	1
2355	0	400	37.9807	88.3174	-429.2	PPB	6.09	2.72	0.87	0.446	3.137	7.036	1476.	36.	5.	766.4	26.0	1
2356	0	392	37.9807	88.3167	-430.5	PPB	7.98	1.85	1.14	0.231	1.617	6.989	1483.	39.	6.	767.4	26.0	1
2357	0	368	37.9806	88.3160	-425.5	PPB	4.74	1.76	1.00	0.372	1.754	4.719	1427.	33.	6.	767.4	26.0	1
2358	0	344	37.9806	88.3154	-417.7	PPB	6.37	2.46	0.95	0.386	2.598	6.727	1359.	38.	5.	767.4	26.1	1
2359	0	400	37.9806	88.3147	-428.0	PPB	7.18	1.59	1.24	0.222	1.283	5.789	1551.	29.	5.	766.4	26.0	1
2360	0	412	37.9806	88.3140	-435.5	PPB	5.57	3.11	0.81	0.558	3.817	6.846	1366.	42.	5.	765.4	26.1	1
2361	0	420	37.9806	88.3132	-422.5	PPB	5.19	3.09	1.07	0.596	2.891	4.853	1348.	56.	7.	765.4	26.1	1
2362	0	428	37.9806	88.3126	-408.2	PPB	6.00	2.01	1.04	0.335	1.923	5.748	1274.	39.	9.	766.4	26.1	1
2363	10	432	37.9805	88.3119	-409.7	PPB	5.98	0.62	1.04	0.0	0.0	5.753	1221.	40.	7.	766.4	26.1	1
2364	10	432	37.9805	88.3112	-417.2	PPB	3.34	1.11	0.59	0.0	0.0	5.663	1015.	38.	11.	767.4	26.0	1
2365	10	432	37.9805	88.3105	-424.0	PPB	3.54	0.26	0.61	0.0	0.0	5.799	843.	39.	11.	768.5	26.0	1
2366	0	428	37.9805	88.3098	-430.0	PPB	2.75	1.96	0.51	0.715	3.835	5.366	684.	41.	7.	766.9	26.0	1
2367	10	420	37.9805	88.3091	-433.2	PPB	3.17	0.56	0.38	0.0	0.0	8.250	634.	46.	7.	765.9	25.9	1
2368	0	412	37.9805	88.3085	-436.0	PPB	3.50	1.80	0.69	0.515	2.606	5.056	950.	38.	6.	766.9	25.9	1
2369	0	400	37.9804	88.3077	-436.5	PPB	5.95	2.61	1.16	0.438	2.239	5.109	1384.	33.	6.	766.4	25.9	1
2370	0	400	37.9804	88.3071	-437.7	PPB	6.78	2.22	1.21	0.328	1.841	5.618	1445.	44.	6.	766.4	26.1	1
2371	0	404	37.9804	88.3063	-438.5	PPB	7.03	2.53	1.06	0.360	2.398	6.664	1479.	48.	6.	768.5	26.2	1
2372	10	412	37.9804	88.3057	-439.7	PPB	8.98	1.31	1.09	0.0	0.0	8.267	1481.	43.	4.	768.5	26.1	1
2373	0	412	37.9804	88.3050	-441.5	PPB	4.55	3.73	1.20	0.820	3.113	3.794	1576.	47.	5.	767.4	26.1	1
2374	0	408	37.9804	88.3043	-442.5	PPB	7.27	1.91	1.29	0.262	1.483	5.651	1591.	56.	6.	766.4	26.1	1
2375	0	408	37.9804	88.3036	-443.0	PPB	5.65	4.22	1.13	0.747	3.750	5.018	1621.	41.	3.	765.9	26.2	1
2376	0	416	37.9804	88.3029	-443.2	PPB	6.66	3.44	1.23	0.516	2.785	5.396	1582.	33.	6.	764.9	26.2	1
2377	0	428	37.9803	88.3022	-444.2	PPB	7.52	2.92	1.08	0.388	2.709	6.990	1631.	38.	8.	764.9	26.2	1
2378	0	436	37.9803	88.3016	-444.5	PPB	7.20	3.20	1.32	0.445	2.436	5.472	1623.	36.	6.	765.9	26.1	1
2379	10	440	37.9803	88.3008	-446.7	PPB	11.43	-0.57	1.19	0.0	0.0	9.624	1566.	34.	10.	767.4	26.0	1
2380	0	444	37.9803	88.3002	-448.2	PPB	7.64	1.76	0.99	0.230	1.770	7.687	1499.	45.	11.	767.4	26.0	1
2381	10	444	37.9803	88.2994	-449.0	PPB	9.12	1.59	1.16	0.0	0.0	7.850	1523.	43.	11.	766.4	25.9	1
2382	10	440	37.9803	88.2988	-448.2	PPB	8.59	1.69	0.98	0.0	0.0	8.723	1606.	33.	14.	765.4	25.9	1
2383	10	428	37.9803	88.2981	-450.2	PPB	6.75	1.07	1.12	0.0	0.0	6.042	1572.	35.	15.	765.4	25.9	1
2384	10	428	37.9803	88.2974	-451.2	PPB	9.45	1.41	0.95	0.0	0.0	9.934	1626.	38.	8.	765.4	25.9	1
2385	0	428	37.9803	88.2967	-453.2	PPB	7.86	2.94	1.37	0.374	2.154	5.753	1687.	37.	13.	766.9	25.9	1

CP9 LP12

* TAGS			* LOCATION			*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2386	10	420	37.9802	88.2960	-455.0		PPB	8.31	0.72	1.15	0.0	0.0	7.231	1592.	39.	12.	769.0	26.0	1
2387	0	408	37.9802	88.2953	-456.0		PPB	8.41	2.76	1.26	0.328	2.188	6.673	1645.	43.	5.	768.0	26.1	1
2388	0	408	37.9802	88.2946	-456.7		PPB	4.40	2.86	1.38	0.650	2.075	3.190	1683.	36.	6.	766.4	26.1	1
2389	0	408	37.9802	88.2939	-457.2		PPB	8.61	2.71	1.18	0.315	2.304	7.306	1647.	34.	2.	766.4	26.1	1
2390	0	408	37.9802	88.2932	-459.0		PPB	9.47	2.65	0.96	0.280	2.755	9.851	1616.	41.	2.	766.4	26.0	1
2391	0	404	37.9802	88.2926	-459.2		PPB	8.15	1.80	1.23	0.221	1.460	6.608	1565.	41.	1.	766.4	26.0	1
2392	0	400	37.9801	88.2919	-459.0		PPB	7.68	2.83	0.87	0.368	3.257	8.845	1473.	48.	6.	767.4	25.9	1
2393	10	396	37.9801	88.2912	-456.7		PPB	8.08	0.18	1.08	0.0	0.0	7.462	1539.	36.	8.	767.4	25.9	1
2394	10	396	37.9801	88.2905	-456.0		PPB	8.64	0.40	1.08	0.0	0.0	8.010	1529.	35.	10.	767.4	26.0	1
2395	10	396	37.9801	88.2898	-457.5		PPB	8.04	1.18	1.03	0.0	0.0	7.807	1531.	48.	12.	767.4	26.0	1
2396	0	404	37.9801	88.2891	-458.7		PPB	6.54	3.21	0.91	0.491	3.530	7.186	1570.	31.	12.	766.4	26.1	1
2397	10	408	37.9801	88.2884	-458.5		PPB	7.73	1.17	1.31	0.0	0.0	5.916	1643.	41.	14.	766.4	26.0	1
2398	10	408	37.9801	88.2877	-462.0		PPB	6.18	0.97	1.44	0.0	0.0	4.304	1567.	46.	10.	765.4	26.0	1
2399	0	412	37.9800	88.2870	-466.0		PPB	7.23	2.65	1.03	0.366	2.578	7.041	1602.	43.	7.	765.4	26.0	1
2400	0	416	37.9800	88.2863	-469.0		PPB	8.94	1.58	1.10	0.176	1.439	8.154	1587.	33.	3.	766.4	26.1	1
2401	0	420	37.9800	88.2857	-470.0		PPB	6.90	3.17	1.08	0.460	2.926	6.361	1670.	43.	3.	767.4	26.0	1
2402	0	420	37.9800	88.2850	-473.0		PPB	10.05	3.46	1.03	0.344	3.342	9.710	1612.	36.	0.	767.4	26.0	1
2403	0	416	37.9800	88.2843	-476.2		PPB	7.21	1.68	0.85	0.233	1.983	8.502	1496.	51.	4.	767.4	26.0	1
2404	0	408	37.9800	88.2836	-476.2		PPB	4.76	5.03	1.22	1.055	4.117	3.902	1580.	40.	1.	766.9	26.0	1
2405	0	396	37.9800	88.2830	-475.0		PPB	8.02	3.03	1.14	0.378	2.660	7.040	1603.	45.	1.	765.9	26.0	1
2406	0	396	37.9800	88.2822	-475.0		PPB	8.34	3.23	0.96	0.387	3.351	8.659	1611.	48.	3.	765.9	26.0	1
2407	0	396	37.9800	88.2815	-476.5		PPB	8.54	2.20	0.82	0.258	2.669	10.362	1570.	37.	1.	766.9	26.0	1
2408	10	404	37.9800	88.2808	-478.5		PPB	9.00	1.26	1.08	0.0	0.0	8.359	1575.	46.	1.	768.0	26.0	1
2409	0	408	37.9800	88.2802	-478.2		PPB	7.79	4.28	0.99	0.550	4.332	7.879	1554.	32.	0.	769.0	26.1	1
2410	0	404	37.9799	88.2794	-478.2		PPB	7.95	1.47	1.38	0.185	1.069	5.767	1640.	52.	3.	768.5	26.0	1
2411	0	396	37.9799	88.2788	-479.5		PPB	9.40	3.15	1.19	0.335	2.656	7.926	1741.	35.	1.	766.4	26.0	1
2412	0	392	37.9799	88.2781	-482.0		PPB	8.22	4.61	0.96	0.561	4.802	8.562	1706.	34.	0.	765.4	26.0	1
2413	0	392	37.9799	88.2773	-483.0		PPB	8.28	2.87	1.11	0.346	2.586	7.469	1650.	37.	2.	766.4	26.0	1
2414	0	396	37.9799	88.2767	-483.7		PPB	8.02	2.72	1.37	0.340	1.986	5.848	1655.	31.	3.	767.4	26.0	1
2415	10	404	37.9798	88.2759	-485.0		PPB	7.89	0.67	1.52	0.0	0.0	5.176	1586.	44.	4.	768.5	25.9	1
2416	0	408	37.9798	88.2753	-486.2		PPB	6.90	2.64	1.11	0.382	2.373	6.208	1573.	36.	8.	768.5	25.9	1
2417	0	400	37.9798	88.2746	-491.0		PPB	7.45	3.19	0.86	0.428	3.724	8.708	1595.	39.	5.	767.4	25.9	1
2418	0	388	37.9798	88.2739	-493.0		PPB	7.87	2.28	1.08	0.290	2.105	7.268	1588.	47.	7.	765.9	25.9	1
2419	10	376	37.9798	88.2732	-492.2		PPB	7.42	1.34	1.37	0.0	0.0	5.426	1600.	51.	6.	765.9	25.9	1
2420	10	376	37.9798	88.2726	-494.2		PPB	8.12	0.47	1.19	0.0	0.0	6.842	1640.	39.	11.	766.9	25.9	1
2421	0	372	37.9797	88.2719	-493.7		PPB	7.40	2.91	1.06	0.393	2.736	6.957	1620.	36.	11.	767.4	25.9	1
2422	0	368	37.9797	88.2712	-491.7		PPB	7.80	2.40	1.40	0.308	1.713	5.569	1737.	50.	12.	767.4	26.0	1
2423	0	364	37.9797	88.2704	-491.5		PPB	7.77	1.71	1.13	0.220	1.513	6.886	1766.	29.	14.	768.0	26.0	1
2424	0	372	37.9797	88.2698	-493.7		PPB	8.28	2.77	1.09	0.335	2.552	7.630	1708.	33.	14.	768.0	26.0	1
2425	0	376	37.9797	88.2691	-491.7		PPB	9.61	2.49	1.17	0.260	2.132	8.212	1682.	33.	13.	766.9	26.0	1
2426	10	376	37.9797	88.2684	-492.7		PPB	8.86	1.28	1.25	0.0	0.0	7.111	1704.	35.	13.	766.4	26.0	1
2427	10	372	37.9797	88.2677	-498.5		PPB	7.96	1.37	1.24	0.0	0.0	6.438	1649.	35.	11.	767.4	26.0	1
2428	0	376	37.9797	88.2670	-498.7		PPB	7.30	2.82	1.13	0.387	2.498	6.456	1677.	38.	12.	768.5	26.0	1
2429	0	372	37.9797	88.2663	-497.7		PPB	5.20	2.28	1.20	0.438	1.897	4.332	1617.	31.	10.	768.5	26.0	1
2430	0	368	37.9797	88.2657	-503.7		PPB	8.03	4.38	0.90	0.545	4.853	8.899	1643.	47.	2.	768.5	26.0	1
2431	0	364	37.9797	88.2649	-508.0		PPB	6.59	2.39	1.37	0.363	1.740	4.796	1658.	42.	6.	767.4	26.0	1
2432	0	352	37.9796	88.2643	-508.7		PPB	9.62	1.66	1.26	0.173	1.319	7.625	1679.	40.	5.	766.4	26.0	1
2433	0	352	37.9796	88.2635	-510.5		PPB	7.41	2.82	1.07	0.381	2.648	6.945	1642.	39.	2.	766.4	26.0	1
2434	0	352	37.9796	88.2629	-513.0		PPB	7.13	2.91	0.94	0.408	3.085	7.565	1575.	39.	4.	766.4	26.0	1
2435	0	356	37.9796	88.2622	-514.7		PPB	10.25	1.81	1.25	0.177	1.453	8.208	1676.	31.	5.	767.4	26.1	1
2436	10	360	37.9796	88.2615	-518.2		PPB	8.30	1.11	1.27	0.0	0.0	6.512	1647.	39.	8.	768.5	26.1	1
2437	10	368	37.9796	88.2608	-522.0		PPB	7.99	1.22	1.18	0.0	0.0	6.749	1624.	31.	11.	769.5	26.1	1
2438	0	380	37.9796	88.2602	-525.5		PPB	8.69	2.26	1.17	0.261	1.933	7.419	1604.	36.	8.	768.5	26.1	1

CP9 1P12

*	TAGS		* LOCATION		*			REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2439	10	388	37.9795	88.2595	-528.2		PPB	8.87	1.39	1.30	0.0	0.0	6.849	1617.	42.	9.	767.4	26.1	1
2440	0	400	37.9795	88.2587	-527.7		PPB	5.91	2.98	1.26	0.505	2.368	4.692	1667.	42.	9.	766.4	26.1	1
2441	0	348	37.9795	88.2580	-530.5		PPB	7.63	1.61	0.91	0.211	1.756	8.341	1417.	41.	7.	766.4	26.0	1
2442	0	412	37.9795	88.2573	-534.7		PPB	7.38	2.51	1.17	0.340	2.148	6.321	1537.	37.	4.	766.4	26.0	1
2443	0	400	37.9795	88.2567	-535.0		PPB	5.32	3.68	1.02	0.692	3.597	5.196	1486.	25.	10.	767.4	25.9	1
2444	0	384	37.9794	88.2560	-536.7		PPB	5.53	2.04	1.00	0.368	2.036	5.530	1431.	42.	8.	767.4	25.9	1
2445	0	368	37.9794	88.2553	-539.5		PPB	7.22	2.61	1.02	0.362	2.557	7.074	1433.	51.	6.	768.5	25.9	1
2446	0	368	37.9794	88.2546	-540.7		PPB	7.36	2.65	1.13	0.360	2.344	6.512	1537.	39.	4.	768.5	25.9	1
2447	0	412	37.9794	88.2539	-543.2		PPB	6.55	1.72	1.49	0.263	1.151	4.382	1632.	37.	7.	767.4	25.9	1
2448	0	408	37.9794	88.2532	-545.2		PPMA	7.88	4.89	0.95	0.620	5.129	8.270	1637.	38.	5.	766.4	25.9	1
2449	10	412	37.9794	88.2525	-546.0		PPMA	8.19	1.48	1.44	0.0	0.0	5.683	1648.	30.	8.	766.4	25.9	1
2450	0	424	37.9793	88.2518	-548.5		PPMA	6.58	2.95	1.50	0.448	1.970	4.395	1670.	38.	7.	766.4	25.9	1
2451	10	428	37.9793	88.2512	-550.5		PPMA	9.59	1.01	1.19	0.0	0.0	8.083	1666.	40.	12.	767.4	25.9	1
2452	10	432	37.9793	88.2504	-551.2		PPMA	8.82	0.52	1.47	0.0	0.0	5.983	1656.	52.	12.	768.5	25.9	1
2453	0	436	37.9793	88.2498	-553.5		PPMA	7.81	3.07	1.07	0.392	2.859	7.287	1652.	36.	8.	767.4	25.9	1
2454	10	432	37.9793	88.2491	-555.7		PPMA	7.13	0.80	1.18	0.0	0.0	6.025	1741.	37.	10.	766.4	25.9	1
2455	0	432	37.9793	88.2484	-558.0		PPMA	7.70	1.95	1.11	0.254	1.768	6.967	1635.	42.	7.	765.4	25.9	1
2456	0	440	37.9793	88.2476	-558.2		PPMA	5.75	3.96	1.18	0.688	3.342	4.855	1648.	39.	2.	766.4	26.0	1
2457	0	448	37.9793	88.2471	-560.5		PPMA	7.15	3.46	1.08	0.484	3.213	6.640	1656.	45.	4.	767.4	26.0	1
2458	0	456	37.9792	88.2463	-561.5		PPMA	10.46	3.29	1.29	0.314	2.555	8.131	1756.	35.	1.	768.5	25.9	1
2459	0	440	37.9792	88.2456	-562.5		PPMA	7.28	2.69	1.32	0.370	2.047	5.534	1724.	37.	5.	769.5	25.9	1
2460	0	440	37.9792	88.2449	-563.5		PPMA	8.37	2.73	1.28	0.326	2.143	6.564	1680.	40.	3.	768.5	25.9	1
2461	0	428	37.9792	88.2443	-564.5		PPMA	12.07	2.14	1.45	0.178	1.482	8.341	1731.	37.	2.	767.4	25.8	1
2462	0	420	37.9792	88.2435	-565.7		PPMA	6.54	4.07	1.27	0.622	3.207	5.160	1766.	34.	4.	767.4	25.8	1
2463	0	432	37.9792	88.2429	-568.0		PPMA	7.28	1.74	1.38	0.239	1.263	5.289	1677.	42.	7.	767.4	25.8	1
2464	0	444	37.9792	88.2422	-569.5		PPMA	8.15	3.23	1.08	0.396	2.995	7.568	1642.	47.	6.	767.4	25.8	1
2465	0	444	37.9792	88.2415	-570.0		PPMA	8.63	1.69	1.04	0.196	1.626	8.305	1715.	46.	5.	768.5	25.8	1
2466	0	436	37.9792	88.2408	-572.5		PPMA	8.41	4.05	1.02	0.482	3.975	8.254	1756.	28.	6.	770.0	25.8	1
2467	10	416	37.9792	88.2401	-573.5		PPMA	9.87	1.09	1.40	0.0	0.0	7.054	1665.	48.	6.	769.0	25.8	1
2468	0	408	37.9791	88.2393	-573.2		PPMA	8.08	3.08	1.21	0.381	2.542	6.677	1678.	35.	5.	766.9	25.7	1
2469	0	408	37.9791	88.2386	-575.7		PPMA	7.29	2.49	1.34	0.341	1.852	5.422	1756.	27.	4.	766.9	25.8	1
2470	0	416	37.9791	88.2379	-575.2		PPMA	9.51	1.86	1.42	0.195	1.304	6.681	1725.	21.	6.	768.0	25.8	1
2471	0	428	37.9791	88.2372	-576.0		PPMA	7.16	2.01	1.44	0.281	1.398	4.979	1640.	51.	7.	767.4	25.8	1
2472	0	432	37.9791	88.2364	-577.0		QAL	7.56	2.40	1.31	0.318	1.834	5.774	1638.	33.	8.	767.4	25.8	1
2473	0	440	37.9791	88.2357	-578.0		QAL	8.51	3.59	1.01	0.422	3.545	8.398	1601.	33.	7.	768.5	25.8	1
2474	0	440	37.9791	88.2350	-579.0		QAL	6.69	3.51	1.43	0.525	2.457	4.681	1624.	32.	7.	769.5	25.8	1
2475	0	432	37.9790	88.2343	-579.7		QAL	7.83	2.17	1.02	0.277	2.134	7.697	1559.	28.	9.	769.5	25.7	1
2476	0	400	37.9791	88.2336	-581.2		QAL	5.23	1.82	1.23	0.347	1.478	4.255	1502.	29.	7.	768.5	25.8	1
2477	0	396	37.9790	88.2328	-582.7		PPB	6.99	2.97	1.01	0.425	2.935	6.903	1499.	42.	9.	768.5	25.7	1
2478	0	392	37.9790	88.2321	-582.2		PPB	7.19	2.06	1.14	0.287	1.804	6.286	1488.	53.	10.	768.5	25.7	1
2479	0	384	37.9790	88.2314	-582.5		PPB	6.44	2.60	1.32	0.403	1.974	4.895	1592.	37.	9.	766.4	25.7	1
2480	0	396	37.9790	88.2306	-583.5		PPB	7.04	3.11	1.35	0.441	2.299	5.207	1665.	41.	8.	767.4	25.8	1
2481	0	408	37.9790	88.2299	-584.0		PPB	7.98	3.58	1.39	0.449	2.571	5.730	1780.	37.	7.	768.5	25.8	1
2482	0	396	37.9790	88.2292	-585.7		PPB	5.71	2.93	1.17	0.512	2.494	4.867	1725.	35.	9.	768.0	25.9	1
2483	0	384	37.9790	88.2285	-587.2		PPB	7.90	2.95	1.07	0.374	2.770	7.412	1634.	51.	2.	769.0	25.9	1
2484	0	392	37.9790	88.2277	-588.5		PPB	9.75	2.32	1.02	0.238	2.265	9.516	1610.	29.	4.	769.5	25.9	1
2485	0	352	37.9790	88.2270	-588.7		PPB	6.42	2.57	1.24	0.400	2.074	5.184	1496.	28.	3.	769.5	25.9	1
2486	0	344	37.9790	88.2262	-589.0		PPB	6.60	2.94	0.86	0.445	3.398	7.637	1479.	34.	2.	769.5	25.9	1
2487	0	332	37.9790	88.2255	-590.0		PPB	4.78	2.96	1.24	0.620	2.392	3.857	1426.	32.	4.	768.5	25.8	1
2488	0	320	37.9790	88.2247	-591.0		PPB	6.69	3.33	0.93	0.497	3.597	7.236	1411.	39.	1.	768.0	25.8	1
2489	0	336	37.9790	88.2240	-592.2		PPB	5.94	2.49	1.07	0.420	2.332	5.557	1570.	38.	3.	768.0	25.8	1
2490	0	364	37.9790	88.2233	-595.0		PPB	6.36	2.23	1.19	0.350	1.866	5.330	1575.	46.	4.	766.9	25.8	1
2491	0	364	37.9789	88.2226	-593.2		PPB	9.22	3.03	0.83	0.328	3.664	11.161	1587.	29.	4.	766.9	25.8	1

CP9 1P 12

* TAGS *			* LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2492	0	376	37.9789	88.2218	-593.7	PPB	6.15	4.45	0.92	0.724	4.862	6.713	1619.	47.	7.	766.9	25.8	1
2493	0	368	37.9789	88.2212	-596.2	PPB	5.53	3.00	1.28	0.543	2.354	4.331	1598.	39.	4.	766.9	25.8	1
2494	0	364	37.9789	88.2204	-596.2	PPB	7.07	1.50	1.13	0.212	1.319	6.236	1566.	46.	8.	768.0	25.8	1
2495	0	348	37.9789	88.2197	-595.2	PPB	7.50	2.63	1.04	0.350	2.527	7.215	1482.	37.	7.	768.5	25.8	1
2496	0	356	37.9789	88.2190	-598.2	PPB	6.69	2.38	1.03	0.355	2.318	6.525	1428.	51.	6.	768.5	25.9	1
2497	0	360	37.9789	88.2182	-599.5	PPB	5.65	1.87	1.07	0.331	1.751	5.291	1488.	40.	6.	769.5	25.9	1
2498	10	348	37.9789	88.2175	-599.0	PPB	7.46	1.06	1.04	0.0	0.0	7.183	1440.	39.	7.	769.5	25.9	1
2499	0	356	37.9789	88.2168	-599.0	PPB	7.56	2.44	1.14	0.322	2.140	6.643	1500.	48.	5.	769.5	25.8	1
2500	0	388	37.9789	88.2161	-600.0	PPB	7.85	2.65	1.50	0.338	1.769	5.240	1656.	43.	2.	768.5	25.8	1
2501	0	388	37.9789	88.2153	-601.2	PPB	8.31	4.79	1.10	0.576	4.358	7.561	1763.	48.	0.	768.5	25.8	1
2502	0	392	37.9789	88.2146	-603.2	PPB	6.13	2.86	1.20	0.467	2.386	5.106	1671.	44.	3.	768.5	25.9	1
2503	0	392	37.9789	88.2139	-602.5	PPB	6.75	1.85	1.37	0.273	1.344	4.916	1665.	29.	7.	767.4	25.8	1
2504	10	388	37.9789	88.2132	-603.0	PPB	5.75	1.32	1.36	0.0	0.0	4.238	1568.	44.	6.	767.4	25.9	1
2505	10	408	37.9789	88.2124	-603.5	PPB	7.01	0.68	1.48	0.0	0.0	4.752	1534.	37.	9.	767.4	25.9	1
2506	0	400	37.9789	88.2116	-604.2	PPB	5.24	3.05	1.29	0.583	2.368	4.060	1497.	31.	9.	767.4	25.9	1
2507	10	388	37.9789	88.2109	-604.5	QAL	7.41	1.23	1.16	0.0	0.0	6.381	1439.	29.	11.	767.4	25.8	1
2508	0	380	37.9789	88.2102	-604.7	QAL	6.16	1.79	0.92	0.290	1.934	6.670	1316.	36.	8.	766.9	25.8	1
2509	0	396	37.9789	88.2095	-605.5	QAL	4.89	1.87	0.94	0.382	1.987	5.203	1327.	36.	9.	767.4	25.9	1
2510	0	420	37.9788	88.2087	-605.7	QAL	5.87	2.55	0.95	0.434	2.669	6.145	1402.	27.	8.	767.4	25.9	1
2511	0	388	37.9788	88.2080	-605.5	QAL	5.31	2.77	0.97	0.521	2.866	5.504	1374.	39.	4.	767.4	25.9	1
2512	0	388	37.9788	88.2073	-605.2	QAL	6.31	2.32	1.02	0.368	2.267	6.162	1506.	41.	2.	767.4	26.0	1
2513	0	416	37.9788	88.2065	-604.2	QAL	7.46	2.93	1.16	0.393	2.529	6.434	1561.	36.	2.	767.4	25.9	1
2514	0	412	37.9788	88.2058	-602.2	PPB	5.63	2.35	1.27	0.417	1.847	4.432	1500.	49.	5.	767.4	26.0	1
2515	0	392	37.9788	88.2051	-603.0	PPB	5.26	2.63	1.14	0.500	2.314	4.627	1427.	28.	5.	768.0	26.0	1
2516	0	392	37.9788	88.2044	-600.2	PPB	8.47	2.29	0.91	0.270	2.503	9.275	1424.	43.	5.	768.0	26.0	1
2517	0	440	37.9788	88.2037	-598.7	PPB	6.09	2.07	1.19	0.339	1.739	5.127	1654.	21.	10.	768.0	26.0	1
2518	0	440	37.9788	88.2029	-600.7	PPB	4.09	3.31	0.91	0.810	3.638	4.493	1648.	37.	10.	768.5	26.1	1
2519	0	376	37.9787	88.2022	-602.5	PPB	7.72	1.43	1.09	0.186	1.318	7.106	1515.	42.	7.	768.5	26.1	1
2520	0	360	37.9787	88.2015	-603.0	PPB	6.72	1.81	1.02	0.269	1.783	6.621	1496.	38.	10.	768.5	26.1	1
2521	0	344	37.9787	88.2008	-604.5	PPB	5.77	3.30	1.03	0.571	3.200	5.604	1430.	32.	7.	768.5	26.0	1
2522	0	344	37.9787	88.2000	-606.0	PPB	5.58	1.94	1.18	0.347	1.649	4.749	1437.	40.	7.	767.4	26.0	1
2523	0	328	37.9787	88.1993	-605.7	PPB	5.58	1.97	1.12	0.353	1.759	4.981	1428.	51.	9.	767.4	26.1	1
2524	0	312	37.9787	88.1985	-607.2	PPB	5.15	2.44	0.91	0.474	2.675	5.647	1397.	46.	5.	767.4	26.1	1
2525	0	312	37.9787	88.1978	-607.5	PPB	5.79	3.82	1.05	0.659	3.640	5.522	1485.	33.	2.	767.4	26.1	1
2526	0	316	37.9787	88.1971	-605.5	PPB	5.85	3.49	0.99	0.597	3.509	5.878	1529.	40.	2.	766.9	26.1	1
2527	0	300	37.9787	88.1964	-604.7	PPB	5.05	2.26	0.97	0.447	2.335	5.220	1409.	45.	4.	765.9	26.0	1
2528	0	304	37.9787	88.1956	-606.2	PPB	5.15	2.09	1.02	0.407	2.060	5.061	1465.	28.	6.	765.9	26.1	1
2529	0	340	37.9787	88.1949	-607.5	PPB	7.12	1.32	1.30	0.185	1.015	5.474	1507.	42.	7.	765.9	26.1	1
2530	0	360	37.9787	88.1942	-607.0	PPB	7.78	1.52	1.42	0.195	1.073	5.491	1671.	35.	7.	765.9	26.2	1
2531	0	416	37.9787	88.1934	-607.0	PPB	6.70	1.87	1.51	0.279	1.240	4.441	1697.	45.	6.	765.4	26.1	1
2532	0	436	37.9787	88.1927	-607.2	PPB	7.28	3.23	1.34	0.444	2.419	5.450	1819.	33.	6.	765.4	26.1	1
2533	0	424	37.9786	88.1920	-608.5	PPB	8.03	2.57	1.41	0.320	1.826	5.707	1692.	42.	3.	765.4	26.1	1
2534	0	440	37.9786	88.1913	-606.2	PPB	7.06	3.23	1.22	0.458	2.649	5.789	1659.	40.	4.	766.4	26.0	1
2535	0	440	37.9786	88.1905	-604.0	PPB	7.62	4.28	0.96	0.562	4.479	7.976	1681.	47.	0.	766.4	26.0	1
2536	0	436	37.9786	88.1898	-600.0	PPB	6.29	4.18	1.11	0.664	3.771	5.676	1650.	35.	1.	766.4	26.0	1
2537	0	444	37.9786	88.1891	-599.2	PPB	8.96	3.37	1.29	0.376	2.610	6.948	1764.	46.	4.	766.4	25.9	1
2538	0	444	37.9786	88.1884	-604.2	PPB	6.08	4.52	1.42	0.744	3.176	4.271	1761.	38.	5.	767.4	25.9	1
2539	0	452	37.9786	88.1876	-609.5	PPB	10.10	3.17	1.16	0.314	2.734	8.707	1756.	39.	6.	768.5	26.0	1
2540	0	448	37.9786	88.1869	-608.7	PPB	7.21	2.58	1.51	0.357	1.703	4.765	1755.	45.	5.	767.4	25.9	1
2541	0	436	37.9786	88.1862	-607.7	PPB	6.25	3.57	1.31	0.571	2.715	4.756	1752.	36.	9.	768.0	26.0	1
2542	0	436	37.9786	88.1853	-608.5	PPB	7.85	2.74	1.77	0.349	1.550	4.438	1726.	37.	8.	769.0	26.0	1
2543	0	436	37.9786	88.1846	-607.2	PPB	5.96	2.53	1.40	0.425	1.805	4.247	1721.	44.	9.	768.5	25.9	1
2544	10	428	37.9786	88.1839	-607.0	PPB	7.48	1.28	1.44	0.0	0.0	5.192	1751.	31.	10.	768.5	26.0	1

CP9 IP12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK. UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2545	0	424	37.9786	88.1832	-606.7	PPB	7.53	2.90	1.60	0.385	1.810	4.705	1680.	42.	10.	769.0	26.0	1
2546	0	432	37.9786	88.1825	-606.5	PPB	6.45	2.00	1.47	0.310	1.365	4.399	1670.	44.	9.	769.0	26.0	1
2547	0	444	37.9786	88.1818	-605.5	PPB	7.68	2.41	1.43	0.314	1.683	5.366	1712.	49.	10.	769.0	26.0	1
2548	0	456	37.9786	88.1810	-605.2	PPB	6.30	2.88	1.27	0.457	2.266	4.955	1726.	44.	11.	768.0	26.0	1
2549	0	456	37.9786	88.1803	-605.0	PPB	6.00	5.45	1.19	0.909	4.583	5.041	1735.	36.	7.	766.4	26.0	1
2550	10	448	37.9785	88.1796	-605.5	QAL	7.08	1.15	1.20	0.0	0.0	5.908	1579.	53.	9.	766.4	26.0	1
2551	0	480	37.9785	88.1788	-605.5	QAL	6.05	2.29	1.46	0.379	1.571	4.148	1521.	32.	9.	766.4	26.0	1
2552	10	500	37.9785	88.1781	-605.5	QAL	7.61	1.28	1.05	0.0	0.0	7.232	1540.	40.	5.	765.9	26.1	1
2553	10	512	37.9785	88.1774	-607.0	QAL	4.75	1.37	1.57	0.0	0.0	3.025	1604.	52.	10.	765.9	26.1	1
2554	10	508	37.9785	88.1767	-606.7	QAL	5.89	1.30	1.35	0.0	0.0	4.377	1517.	46.	12.	764.9	26.0	1
2555	0	500	37.9785	88.1760	-606.5	QAL	4.90	3.71	1.17	0.756	3.162	4.181	1549.	34.	10.	764.9	26.1	1
2556	0	428	37.9785	88.1752	-606.5	QAL	5.32	1.55	1.10	0.292	1.409	4.832	1332.	51.	8.	764.9	26.1	1
2557	0	424	37.9785	88.1745	-604.5	QAL	6.11	2.25	1.14	0.369	1.982	5.378	1427.	37.	10.	765.9	26.0	1
2558	0	464	37.9785	88.1738	-604.0	QAL	8.14	2.82	1.70	0.346	1.654	4.783	1693.	40.	9.	767.4	26.1	1
2559	10	468	37.9785	88.1730	-603.2	PPB	6.22	1.35	1.51	0.0	0.0	4.124	1424.	52.	8.	767.4	26.1	1
2560	0	444	37.9784	88.1723	-603.0	PPB	4.34	2.95	1.09	0.680	2.698	3.970	1427.	43.	3.	766.4	26.2	1
2561	0	480	37.9785	88.1715	-603.0	PPB	5.88	3.55	1.41	0.604	2.517	4.168	1545.	39.	3.	766.4	26.1	1
2562	0	524	37.9784	88.1708	-604.0	PPB	5.62	1.97	1.46	0.350	1.348	3.856	1606.	31.	4.	766.9	26.1	1
2563	0	508	37.9784	88.1700	-603.0	PPB	6.11	4.02	1.18	0.658	3.419	5.198	1620.	32.	5.	766.9	26.0	1
2564	0	504	37.9784	88.1694	-601.0	PPB	6.69	2.18	1.40	0.327	1.555	4.761	1570.	39.	2.	766.4	26.0	1
2565	10	500	37.9784	88.1686	-600.7	PPB	7.47	1.40	1.42	0.0	0.0	5.243	1655.	39.	1.	766.4	26.0	1
2566	0	492	37.9784	88.1679	-599.5	PPB	8.14	2.30	1.38	0.282	1.665	5.897	1670.	40.	2.	766.4	26.0	1
2567	0	484	37.9784	88.1672	-599.5	PPB	6.80	3.13	1.32	0.460	2.373	5.152	1756.	32.	0.	766.4	26.0	1
2568	0	476	37.9784	88.1665	-599.7	PPB	6.70	2.65	1.67	0.396	1.584	4.005	1651.	41.	0.	765.4	26.0	1
2569	0	472	37.9784	88.1657	-598.2	PPB	7.65	2.06	1.64	0.270	1.260	4.674	1649.	43.	0.	765.4	26.0	1
2570	10	468	37.9784	88.1650	-598.7	PPB	9.75	1.05	1.21	0.0	0.0	8.072	1653.	37.	0.	765.4	26.0	1
2571	0	464	37.9784	88.1643	-597.5	PPB	5.78	2.56	1.51	0.442	1.692	3.825	1671.	33.	3.	765.4	26.0	1
2572	0	456	37.9784	88.1635	-596.5	PPB	6.95	2.22	1.30	0.320	1.715	5.365	1591.	34.	2.	765.9	26.0	1
2573	0	456	37.9783	88.1628	-593.7	PPB	6.06	1.87	1.65	0.309	1.134	3.667	1636.	32.	7.	765.9	26.0	1
2574	0	460	37.9783	88.1621	-589.5	PPB	7.27	2.26	1.30	0.311	1.735	5.581	1640.	37.	5.	765.4	26.0	1
2575	0	468	37.9783	88.1614	-589.5	PPB	8.56	2.00	1.65	0.233	1.210	5.190	1668.	41.	6.	765.4	26.0	1
2576	0	484	37.9783	88.1606	-592.5	PPB	6.32	3.18	1.58	0.504	2.011	3.991	1693.	28.	10.	766.4	26.0	1
2577	10	464	37.9783	88.1599	-593.7	QAL	7.91	1.04	1.30	0.0	0.0	6.088	1555.	35.	6.	766.9	26.0	1
2578	0	468	37.9783	88.1592	-594.5	QAL	6.20	3.95	1.35	0.637	2.935	4.608	1552.	39.	4.	766.9	26.0	1
2579	0	468	37.9783	88.1585	-595.5	QAL	6.78	3.70	1.23	0.545	3.006	5.513	1565.	43.	4.	766.9	26.0	1
2580	0	456	37.9783	88.1577	-593.2	QAL	6.29	2.71	1.29	0.430	2.096	4.874	1508.	40.	3.	767.4	26.0	1
2581	0	460	37.9783	88.1569	-594.0	QAL	4.61	3.54	1.35	0.767	2.617	3.411	1572.	29.	3.	767.4	26.0	1
2582	0	460	37.9783	88.1562	-594.2	QAL	6.66	3.25	1.41	0.489	2.307	4.720	1526.	41.	0.	767.4	26.1	1
2583	10	428	37.9783	88.1555	-595.0	QAL	5.90	0.87	1.26	0.0	0.0	4.689	1344.	37.	3.	767.4	26.1	1
2584	0	460	37.9783	88.1548	-594.0	QAL	5.58	3.40	1.14	0.609	2.972	4.880	1444.	37.	2.	767.4	26.1	1
2585	10	448	37.9783	88.1541	-592.5	QAL	7.63	0.90	1.13	0.0	0.0	6.782	1317.	45.	2.	766.4	26.1	1
2586	10	464	37.9783	88.1533	-592.7	QAL	4.60	1.47	1.26	0.0	0.0	3.656	1375.	34.	9.	765.4	26.1	1
2587	10	512	37.9783	88.1526	-592.2	QAL	7.83	1.59	1.33	0.0	0.0	5.864	1560.	34.	8.	766.4	26.1	1
2588	0	512	37.9783	88.1519	-591.2	QAL	6.13	2.18	1.38	0.355	1.571	4.427	1525.	39.	7.	766.4	26.1	1
2589	10	508	37.9783	88.1512	-591.7	QAL	6.39	-0.17	1.30	0.0	0.0	4.931	1468.	44.	13.	764.9	26.0	1
2590	10	504	37.9783	88.1504	-591.0	QAL	7.69	-0.96	1.44	0.0	0.0	5.359	1489.	33.	14.	764.9	26.1	1
2591	0	504	37.9783	88.1497	-592.0	QAL	4.16	1.87	1.24	0.449	1.509	3.365	1429.	43.	15.	765.4	26.1	1
2592	10	512	37.9782	88.1490	-592.2	QAL	5.90	0.90	1.06	0.0	0.0	5.562	1301.	34.	12.	765.4	26.1	1
2593	10	520	37.9782	88.1482	-594.0	QAL	6.83	0.44	1.17	0.0	0.0	5.831	1331.	43.	13.	765.4	26.0	1
2594	10	508	37.9782	88.1475	-592.0	QAL	6.18	1.40	1.19	0.0	0.0	5.197	1381.	35.	9.	765.4	26.0	1
2595	10	512	37.9782	88.1468	-590.7	QAL	5.29	0.62	1.53	0.0	0.0	3.462	1437.	40.	8.	766.4	26.0	1
2596	0	508	37.9782	88.1461	-592.0	QAL	6.17	2.05	1.25	0.332	1.638	4.928	1528.	56.	9.	766.4	26.0	1
2597	10	504	37.9782	88.1453	-590.2	QAL	9.47	1.02	1.21	0.0	0.0	7.802	1521.	44.	8.	767.4	25.9	1

CP9 1P 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2598	10	504	37.9782	88.1445	-590.5	QAL	6.43	1.43	1.05	0.0	0.0	6.121	1369.	26.	5.	768.5	26.0	1
2599	0	516	37.9782	88.1438	-591.7	QAL	5.62	1.89	1.24	0.337	1.529	4.532	1329.	39.	8.	767.4	26.0	1
2600	10	476	37.9782	88.1431	-591.0	QAL	4.94	1.06	1.08	0.0	0.0	4.575	1316.	33.	11.	767.4	26.0	1
2601	0	500	37.9781	88.1423	-591.0	QAL	4.53	2.10	1.07	0.465	1.959	4.215	1431.	41.	9.	768.5	25.9	1
2602	10	492	37.9781	88.1416	-589.5	QAL	7.42	0.06	1.47	0.0	0.0	5.036	1453.	37.	10.	768.5	25.9	1
2603	10	492	37.9781	88.1409	-589.7	QAL	7.78	0.68	1.60	0.0	0.0	4.858	1531.	41.	12.	767.4	25.9	1
2604	10	488	37.9781	88.1402	-590.5	QAL	7.17	1.37	1.02	0.0	0.0	7.003	1421.	40.	9.	767.4	25.9	1
2605	0	480	37.9781	88.1395	-589.7	QAL	5.62	2.99	1.34	0.532	2.235	4.199	1507.	43.	9.	769.5	25.9	1
2606	10	476	37.9781	88.1387	-589.7	QAL	7.17	-0.30	1.39	0.0	0.0	5.151	1501.	42.	9.	768.5	25.9	1
2607	0	480	37.9781	88.1380	-591.2	QAL	6.07	1.76	0.97	0.290	1.814	6.263	1488.	34.	8.	767.4	25.9	1
2608	10	480	37.9781	88.1373	-590.2	QAL	6.32	0.37	1.12	0.0	0.0	5.660	1447.	49.	9.	768.5	25.9	1
2609	0	480	37.9781	88.1366	-589.0	QAL	5.66	2.99	1.25	0.528	2.387	4.522	1486.	35.	4.	769.5	25.9	1
2610	10	476	37.9781	88.1358	-589.5	QAL	6.87	0.70	1.23	0.0	0.0	5.594	1473.	41.	4.	768.5	25.9	1
2611	0	468	37.9781	88.1351	-589.7	QAL	5.66	2.94	1.10	0.519	2.670	5.144	1432.	45.	3.	768.5	25.9	1
2612	0	480	37.9781	88.1344	-591.5	QAL	7.19	3.03	1.27	0.422	2.389	5.655	1573.	35.	1.	768.5	25.9	1
2613	0	480	37.9781	88.1337	-593.0	QAL	6.71	2.44	1.36	0.363	1.789	4.927	1539.	40.	0.	768.5	25.9	1
2614	0	480	37.9781	88.1329	-590.7	QT-1	7.79	2.47	1.24	0.317	1.992	6.278	1648.	41.	0.	767.4	25.9	1
2615	0	480	37.9780	88.1322	-590.5	QT-2	8.35	2.73	1.17	0.327	2.324	7.113	1542.	35.	0.	766.4	25.9	1
2616	0	484	37.9780	88.1315	-590.2	QT-2	5.86	2.20	1.38	0.376	1.598	4.254	1337.	46.	0.	766.9	26.0	1
2617	0	500	37.9780	88.1307	-590.0	QT-1	4.98	2.20	1.10	0.441	1.989	4.510	1205.	53.	1.	766.4	26.0	1
2618	10	500	37.9780	88.1300	-589.5	QT-1	7.66	0.94	0.97	0.0	0.0	7.874	1290.	45.	2.	766.4	25.9	1
2619	0	492	37.9780	88.1292	-589.5	QT-1	6.50	2.55	1.19	0.392	2.141	5.466	1333.	29.	0.	766.4	25.9	1
2620	10	492	37.9780	88.1285	-591.5	QT-1	3.66	0.99	1.08	0.0	0.0	3.382	1185.	43.	6.	766.4	25.9	1
2621	10	492	37.9780	88.1278	-593.0	QT-1	4.58	-0.27	1.09	0.0	0.0	4.182	1274.	46.	9.	766.9	25.9	1
2622	10	488	37.9780	88.1270	-592.5	QT-1	5.83	0.86	1.04	0.0	0.0	5.626	1285.	41.	8.	766.9	25.9	1
2623	10	484	37.9780	88.1264	-593.5	QT-1	6.04	0.08	1.31	0.0	0.0	4.610	1263.	34.	9.	765.9	25.9	1
2624	0	480	37.9780	88.1256	-594.0	QT-1	3.39	1.76	0.92	0.519	1.904	3.671	1108.	46.	10.	765.4	26.0	1
2625	10	484	37.9780	88.1249	-593.0	QT-1	3.61	0.18	1.34	0.0	0.0	2.688	1225.	38.	12.	766.4	26.0	1
2626	110	492	37.9780	88.1242	-593.2	QT-1	1.10	0.40	1.23	0.0	0.0	0.0	1055.	37.	15.	766.4	26.0	1
2627	0	496	37.9780	88.1234	-594.2	QT-1	2.74	2.27	1.16	0.830	1.954	2.356	1196.	27.	13.	765.9	26.0	1
2628	10	496	37.9780	88.1227	-593.7	QT-1	4.23	0.48	1.02	0.0	0.0	4.138	1195.	40.	12.	765.9	26.0	1
2629	10	484	37.9780	88.1220	-594.2	QT-1	4.18	1.17	1.12	0.0	0.0	3.750	1266.	47.	9.	765.9	26.0	1
2630	10	476	37.9779	88.1213	-595.5	QT-1	5.53	-0.11	1.48	0.0	0.0	3.749	1216.	50.	15.	765.9	26.1	1
2631	10	484	37.9779	88.1205	-593.7	QT-1	6.27	-0.31	1.24	0.0	0.0	5.047	1220.	45.	14.	765.4	26.1	1
2632	0	484	37.9779	88.1198	-594.0	QT-1	4.53	1.74	0.93	0.383	1.878	4.899	1254.	48.	11.	765.4	26.2	1
2633	10	492	37.9779	88.1191	-594.7	QT-1	4.56	0.19	1.05	0.0	0.0	4.342	1253.	34.	14.	765.4	26.1	1
2634	10	504	37.9779	88.1183	-592.0	QT-1	3.69	1.37	0.99	0.0	0.0	3.743	1283.	34.	13.	766.4	26.1	1
2635	0	508	37.9779	88.1176	-588.2	QT-1	3.20	2.37	1.17	0.740	2.025	2.737	1201.	39.	10.	766.4	26.0	1
2636	0	496	37.9779	88.1169	-589.0	QT-1	4.08	2.03	0.79	0.497	2.562	5.157	1158.	30.	8.	766.4	26.0	1
2637	10	492	37.9779	88.1162	-586.2	QT-1	3.39	0.90	1.02	0.0	0.0	3.320	1096.	39.	9.	766.4	25.9	1
2638	0	484	37.9779	88.1155	-587.7	QT-1	3.86	1.68	1.15	0.435	1.455	3.347	1115.	31.	5.	766.4	25.9	1
2639	10	480	37.9779	88.1147	-591.5	QT-1	3.47	0.59	1.17	0.0	0.0	2.958	1128.	36.	4.	767.4	25.8	1
2640	0	476	37.9779	88.1140	-594.7	QT-1	1.95	1.24	1.36	0.637	0.915	1.435	1138.	35.	3.	767.4	25.8	1
2641	0	476	37.9779	88.1134	-596.2	QT-1	5.86	1.46	1.10	0.249	1.335	5.355	1157.	36.	2.	766.4	25.9	1
2642	0	472	37.9779	88.1127	-598.7	QT-1	4.83	2.40	1.08	0.498	2.219	4.459	1120.	33.	4.	766.9	26.1	1
2643	0	476	37.9779	88.1120	-598.0	QT-1	3.79	2.62	1.29	0.690	2.027	2.936	1293.	30.	1.	768.0	26.2	1
2644	10	488	37.9779	88.1113	-597.2	QT-1	4.35	0.75	1.28	0.0	0.0	3.403	1177.	36.	3.	768.0	26.3	1
2645	0	492	37.9779	88.1105	-599.0	QT-1	3.55	2.34	0.92	0.660	2.547	3.860	1141.	37.	4.	768.0	26.2	1
2646	0	492	37.9779	88.1098	-598.7	QT-1	3.10	2.28	1.06	0.736	2.155	2.930	1127.	41.	5.	766.9	26.2	1
2647	10	492	37.9779	88.1092	-597.5	QT-1	4.76	0.39	1.12	0.0	0.0	4.249	1139.	42.	4.	767.4	26.1	1
2648	10	492	37.9779	88.1085	-598.7	QT-1	3.74	1.36	1.34	0.0	0.0	2.784	1140.	46.	4.	768.5	26.1	1
2649	10	492	37.9779	88.1078	-599.5	QT-1	2.37	0.93	1.55	0.0	0.0	1.531	1206.	40.	7.	767.4	26.1	1
2650	10	488	37.9779	88.1071	-599.2	QT-1	3.84	0.56	1.06	0.0	0.0	3.633	1202.	36.	6.	767.4	26.1	1

CP9 IP12
CP9 IP12

* TAGS			* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2651	10	484	37.9779	88.1064	-597.7	QT-1	3.82	1.16	1.37	0.0	0.0	2.781	1232.	48.	7.	767.4	26.1	1
2652	10	484	37.9779	88.1056	-597.0	QT-1	1.77	-0.56	1.56	0.0	0.0	1.140	1207.	46.	10.	767.4	26.1	1
2653	10	480	37.9779	88.1050	-595.0	QT-1	4.77	0.02	1.28	0.0	0.0	3.711	1291.	32.	8.	767.4	26.0	1
2654	0	480	37.9779	88.1043	-591.2	QT-1	5.68	2.09	1.42	0.368	1.473	3.997	1272.	35.	8.	768.5	26.0	1
2655	0	476	37.9779	88.1035	-592.2	QT-1	4.03	1.83	1.29	0.453	1.419	3.130	1226.	49.	10.	768.5	25.9	1
2656	10	468	37.9779	88.1029	-595.7	QT-1	4.82	1.25	1.13	0.0	0.0	4.251	1328.	34.	10.	768.5	25.9	1
2657	0	468	37.9779	88.1021	-596.2	QT-1	3.00	3.25	1.11	1.085	2.929	2.699	1363.	44.	8.	767.4	25.9	1
2658	0	464	37.9779	88.1014	-598.0	QT-1	4.61	2.35	1.10	0.510	2.137	4.190	1293.	52.	9.	767.4	25.9	1
2659	0	464	37.9779	88.1008	-596.2	QT-1	4.53	1.99	1.34	0.439	1.488	3.390	1317.	30.	8.	766.4	25.9	1
2660	0	460	37.9779	88.1001	-597.0	QT-1	4.40	2.38	1.23	0.540	1.929	3.570	1304.	47.	6.	766.4	25.9	1
2661	0	456	37.9779	88.0993	-599.7	QT-1	4.91	1.77	1.35	0.360	1.310	3.637	1346.	40.	4.	766.9	25.8	1
2662	0	456	37.9779	88.0987	-600.0	QT-1	4.88	2.06	1.57	0.423	1.316	3.114	1399.	27.	3.	766.9	25.9	1
2663	0	456	37.9779	88.0979	-600.0	QT-1	4.27	2.30	1.44	0.539	1.596	2.958	1359.	33.	0.	768.0	25.9	1
2664	0	460	37.9779	88.0972	-601.2	QT-1	3.56	2.07	1.30	0.579	1.583	2.732	1272.	37.	1.	768.5	26.0	1
2665	0	468	37.9779	88.0966	-605.0	QT-1	4.45	2.44	1.30	0.550	1.875	3.412	1135.	42.	0.	768.5	26.0	1
2666	0	472	37.9779	88.0959	-605.2	QT-1	2.70	1.80	1.26	0.668	1.427	2.136	989.	51.	0.	769.0	26.0	1
2667	10	476	37.9779	88.0952	-604.5	QT-1	4.19	0.81	1.25	0.0	0.0	3.346	1140.	48.	0.	768.5	25.9	1
2668	0	476	37.9779	88.0945	-605.7	QT-1	2.03	3.16	1.22	1.551	2.577	1.662	1216.	41.	0.	768.5	26.0	1
2669	0	476	37.9779	88.0937	-607.7	QT-1	2.94	1.77	1.55	0.602	1.142	1.895	1293.	40.	4.	768.5	26.0	1
2670	0	484	37.9779	88.0930	-608.0	QT-1	4.57	1.75	1.39	0.384	1.259	3.280	1320.	37.	3.	767.4	26.1	1
2671	0	492	37.9779	88.0923	-608.0	QT-1	5.19	2.34	1.00	0.451	2.339	5.185	1265.	40.	5.	766.9	26.2	1
2672	0	496	37.9779	88.0917	-609.2	QT-1	4.89	2.96	1.11	0.604	2.662	4.405	1300.	38.	3.	767.4	26.1	1
2673	0	496	37.9779	88.0909	-610.2	QT-1	3.43	2.63	1.28	0.767	2.062	2.687	1220.	41.	6.	766.4	26.0	1
2674	0	492	37.9779	88.0903	-612.0	QT-1	6.11	1.78	1.27	0.290	1.397	4.813	1306.	37.	6.	765.4	26.0	1
2675	0	492	37.9779	88.0895	-610.5	QT-1	5.06	2.24	1.18	0.444	1.907	4.299	1262.	47.	2.	764.3	26.0	1
2676	10	492	37.9779	88.0888	-611.2	QT-1	4.44	0.45	1.15	0.0	0.0	3.859	1287.	40.	7.	765.4	26.1	1
2677	0	500	37.9779	88.0881	-613.7	QT-1	5.36	2.75	1.38	0.514	2.002	3.899	1396.	35.	5.	766.4	26.1	1
2678	0	500	37.9779	88.0874	-613.7	QT-1	6.30	1.71	1.29	0.271	1.323	4.885	1345.	35.	2.	765.4	26.0	1
2679	0	500	37.9779	88.0867	-615.5	QT-1	2.97	5.58	1.22	1.881	4.560	2.425	1438.	47.	3.	766.4	26.0	1
2680	0	496	37.9779	88.0861	-616.5	QT-1	3.92	3.89	1.29	0.992	3.012	3.035	1446.	40.	3.	767.4	25.9	1
2681	0	492	37.9779	88.0853	-616.0	QT-1	4.11	2.76	1.37	0.670	2.012	3.001	1486.	42.	5.	767.4	25.9	1
2682	0	484	37.9779	88.0846	-616.2	QT-1	6.20	2.72	1.38	0.440	1.971	4.484	1466.	31.	0.	767.4	25.9	1
2683	0	480	37.9779	88.0839	-617.7	QT-1	6.25	2.29	1.47	0.367	1.558	4.249	1403.	48.	3.	768.0	25.8	1
2684	0	476	37.9779	88.0832	-617.2	QT-1	5.90	3.86	1.22	0.655	3.162	4.827	1436.	44.	0.	769.0	25.8	1
2685	0	472	37.9779	88.0825	-618.2	QT-1	3.48	3.33	0.96	0.958	3.487	3.641	1352.	47.	4.	769.0	25.8	1
2686	10	476	37.9779	88.0819	-620.0	QT-1	7.49	1.28	1.06	0.0	0.0	7.039	1186.	39.	0.	768.0	25.8	1
2687	10	484	37.9779	88.0811	-619.0	QT-1	5.19	-0.15	1.22	0.0	0.0	4.258	1117.	36.	7.	767.4	25.9	1
2688	10	492	37.9779	88.0804	-619.0	QT-1	3.96	0.50	1.10	0.0	0.0	3.603	1231.	35.	5.	767.4	25.9	1
2689	10	492	37.9779	88.0797	-620.5	QT-1	7.40	1.58	1.04	0.0	0.0	7.114	1268.	36.	3.	765.9	25.9	1
2690	0	496	37.9779	88.0790	-621.7	QT-1	7.03	2.97	1.11	0.422	2.676	6.336	1335.	41.	3.	764.9	25.9	1
2691	10	500	37.9779	88.0783	-621.0	QT-1	8.01	1.68	1.12	0.0	0.0	7.138	1488.	34.	7.	765.4	25.9	1
2692	0	500	37.9779	88.0777	-621.7	QT-2	7.63	2.09	1.55	0.274	1.352	4.930	1560.	37.	4.	766.4	25.9	1
2693	0	496	37.9779	88.0769	-623.5	QT-2	5.88	4.67	1.11	0.793	4.184	5.275	1432.	43.	1.	767.4	25.9	1
2694	0	496	37.9779	88.0762	-622.7	QT-2	5.82	3.18	1.31	0.546	2.425	4.437	1504.	34.	7.	767.4	25.9	1
2695	10	496	37.9779	88.0755	-622.5	QT-1	7.30	0.81	1.64	0.0	0.0	4.458	1474.	46.	5.	767.4	25.9	1
2696	0	492	37.9779	88.0748	-624.2	QT-1	6.59	2.08	1.23	0.316	1.689	5.342	1538.	32.	7.	767.4	25.9	1
2697	10	488	37.9779	88.0741	-624.7	QT-1	5.91	1.03	1.50	0.0	0.0	3.936	1452.	34.	8.	766.4	25.9	1
2698	10	484	37.9778	88.0734	-625.5	QT-1	5.92	0.85	1.51	0.0	0.0	3.932	1533.	44.	13.	765.9	25.9	1
2699	0	480	37.9778	88.0727	-625.2	QT-1	4.41	3.65	1.39	0.827	2.633	3.182	1697.	21.	10.	766.9	25.8	1
2700	0	476	37.9779	88.0720	-624.7	QT-1	7.28	1.77	1.65	0.243	1.073	4.409	1576.	31.	11.	768.0	25.9	1
2701	0	472	37.9779	88.0713	-624.7	QT-1	4.64	1.66	1.43	0.359	1.161	3.238	1592.	43.	11.	769.0	26.0	1
2702	10	476	37.9779	88.0706	-624.2	QT-1	5.74	0.86	1.57	0.0	0.0	3.667	1555.	34.	13.	769.0	26.0	1
2703	0	476	37.9779	88.0699	-623.7	QT-1	4.15	2.59	1.16	0.624	2.240	3.591	1431.	47.	13.	768.0	25.9	1

CP9 IP 12

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2704	10	476	37.9779	88.0692	-625.2	QT-1	4.85	0.28	1.45	0.0	0.0	3.338	1235.	51.	15.	768.0	26.0	1
2705	10	480	37.9779	88.0685	-625.5	QT-1	4.29	0.43	1.18	0.0	0.0	3.637	1171.	48.	13.	767.4	26.0	1
2706	10	484	37.9779	88.0678	-625.7	QT-1	3.38	0.66	1.27	0.0	0.0	2.669	1183.	38.	11.	766.4	26.0	1
2707	10	484	37.9779	88.0671	-628.7	QT-1	3.39	0.53	1.10	0.0	0.0	3.085	1235.	31.	14.	766.4	26.0	1
2708	0	480	37.9779	88.0664	-629.5	QT-1	1.78	2.58	0.91	1.449	2.836	1.958	1222.	29.	9.	766.4	26.0	1
2709	10	480	37.9779	88.0657	-629.0	QT-1	3.82	0.42	1.25	0.0	0.0	3.070	1249.	26.	13.	766.9	25.9	1
2710	0	480	37.9778	88.0650	-629.0	QT-1	3.97	3.35	1.25	0.845	2.672	3.162	1290.	34.	7.	768.0	25.9	1
2711	10	484	37.9778	88.0643	-630.5	QT-1	4.72	1.03	1.32	0.0	0.0	3.571	1264.	31.	9.	768.0	25.9	1
2712	0	488	37.9778	88.0636	-631.5	QT-1	2.46	2.41	1.06	0.978	2.276	2.328	1249.	33.	5.	766.9	25.9	1
2713	10	492	37.9779	88.0629	-632.2	QT-1	6.31	0.54	1.32	0.0	0.0	4.782	1366.	34.	8.	768.0	26.0	1
2714	10	496	37.9779	88.0622	-633.2	QT-1	5.88	1.00	1.18	0.0	0.0	4.990	1400.	32.	5.	768.5	26.1	1
2715	0	500	37.9779	88.0615	-633.2	QT-1	7.23	2.84	1.34	0.392	2.109	5.377	1441.	36.	5.	767.4	26.1	1
2716	10	508	37.9779	88.0608	-631.5	QT-1	4.07	1.04	1.39	0.0	0.0	2.932	1382.	45.	8.	766.9	26.3	1
2717	10	516	37.9779	88.0601	-632.7	QT-1	6.12	-0.01	1.32	0.0	0.0	4.628	1368.	39.	6.	766.9	26.3	1
2718	0	520	37.9779	88.0594	-633.2	QT-1	5.71	2.49	1.24	0.435	2.003	4.601	1387.	29.	6.	765.9	26.3	1
2719	10	524	37.9779	88.0587	-632.5	QT-1	6.26	0.50	1.36	0.0	0.0	4.617	1311.	35.	7.	764.9	26.3	1
2720	0	532	37.9779	88.0580	-633.0	QT-1	4.80	3.61	1.29	0.752	2.800	3.722	1475.	45.	5.	764.3	26.3	1
2721	10	532	37.9778	88.0573	-634.2	QT-1	8.63	1.06	1.39	0.0	0.0	6.224	1469.	37.	8.	764.3	26.1	1
2722	0	536	37.9778	88.0566	-634.7	QT-1	6.35	2.20	1.66	0.347	1.329	3.826	1511.	39.	7.	765.4	26.1	1
2723	0	540	37.9778	88.0558	-635.5	QT-1	4.47	2.67	1.63	0.597	1.633	2.735	1534.	34.	7.	764.3	26.0	1
2724	0	540	37.9778	88.0552	-635.2	QT-1	4.29	4.18	1.10	0.974	3.802	3.903	1612.	32.	4.	765.4	26.0	1
2725	10	532	37.9779	88.0545	-636.7	QT-1	8.49	0.91	1.28	0.0	0.0	6.657	1494.	37.	7.	766.9	25.9	1
2726	10	524	37.9779	88.0538	-637.0	QT-1	7.78	0.27	1.59	0.0	0.0	4.884	1362.	35.	3.	766.9	25.9	1
2727	0	516	37.9779	88.0531	-638.0	QT-1	6.29	2.38	1.21	0.378	1.966	5.200	1444.	27.	4.	766.9	25.9	1
2728	10	508	37.9779	88.0524	-638.0	QT-1	5.23	1.06	1.39	0.0	0.0	3.762	1397.	34.	5.	767.4	26.0	1
2729	0	504	37.9779	88.0516	-639.0	QT-1	5.28	3.08	1.05	0.583	2.932	5.033	1299.	40.	0.	767.4	26.1	1
2730	0	500	37.9779	88.0509	-639.5	PPB	3.87	2.18	1.60	0.563	1.361	2.417	1320.	36.	0.	767.4	26.1	1
2731	0	492	37.9779	88.0503	-642.2	PPB	5.86	3.46	1.15	0.591	2.999	5.074	1283.	32.	0.	766.4	26.0	1
2732	10	484	37.9778	88.0496	-642.0	PPB	4.51	1.17	1.36	0.0	0.0	3.327	1266.	35.	0.	765.4	26.0	1
2733	0	468	37.9778	88.0489	-640.7	PPB	4.53	1.48	1.18	0.326	1.254	3.847	1200.	35.	0.	765.4	26.0	1
2734	0	456	37.9778	88.0482	-642.5	PPB	4.12	3.05	1.09	0.739	2.794	3.781	1227.	43.	0.	765.4	26.0	1
2735	0	440	37.9778	88.0474	-642.7	PPB	4.10	2.39	1.14	0.583	2.092	3.589	1176.	41.	0.	766.4	26.0	1
2736	0	400	37.9778	88.0467	-642.0	PPB	3.78	2.85	0.92	0.755	3.090	4.094	1101.	41.	0.	766.4	26.0	1
2737	0	384	37.9778	88.0461	-643.0	PPB	5.12	2.51	0.80	0.489	3.125	6.390	1127.	47.	0.	766.4	26.0	1
2738	0	388	37.9779	88.0454	-644.2	PPB	4.39	1.69	1.11	0.384	1.522	3.963	1108.	39.	0.	766.4	26.0	1
2739	10	408	37.9779	88.0447	-644.7	PPB	5.06	-0.41	1.33	0.0	0.0	3.798	1249.	36.	3.	767.4	26.0	1
2740	0	416	37.9779	88.0440	-644.7	PPB	4.39	1.28	1.45	0.292	0.881	3.020	1383.	31.	2.	767.4	26.0	1
2741	0	408	37.9779	88.0432	-644.5	PPB	5.74	2.77	1.25	0.482	2.210	4.585	1430.	35.	2.	767.4	26.0	1
2742	10	404	37.9779	88.0425	-644.2	PPB	4.61	0.92	1.65	0.0	0.0	2.786	1362.	37.	4.	768.0	26.0	1
2743	0	400	37.9778	88.0419	-646.0	PPB	4.38	2.14	1.08	0.488	1.981	4.056	1323.	29.	5.	769.0	26.0	1
2744	10	392	37.9778	88.0412	-645.7	PPB	4.33	1.24	1.27	0.0	0.0	3.403	1200.	30.	7.	769.5	26.0	1
2745	0	380	37.9778	88.0404	-645.7	PPB	5.48	1.83	1.18	0.334	1.550	4.644	1231.	34.	8.	767.4	26.0	1
2746	10	392	37.9778	88.0398	-645.5	PPB	5.85	0.52	1.15	0.0	0.0	5.064	1334.	27.	9.	766.4	26.0	1
2747	0	392	37.9778	88.0390	-645.0	PPB	4.78	2.71	0.97	0.568	2.788	4.909	1250.	36.	8.	767.4	26.0	1
2748	10	384	37.9778	88.0383	-644.0	PPB	4.76	-0.09	1.20	0.0	0.0	3.973	1191.	52.	8.	767.4	26.2	1
2749	10	344	37.9778	88.0377	-647.0	PPB	3.30	0.81	1.08	0.0	0.0	3.049	1099.	38.	7.	765.9	26.2	1
2750	10	368	37.9778	88.0369	-646.5	PPB	3.04	0.97	0.91	0.0	0.0	3.326	1093.	38.	7.	764.9	26.2	1
2751	0	412	37.9779	88.0362	-645.7	PPB	2.32	2.39	1.01	1.030	2.355	2.287	1164.	36.	8.	765.9	26.2	1
2752	0	424	37.9779	88.0356	-647.7	PPB	3.76	2.39	1.20	0.635	1.987	3.126	1184.	49.	8.	766.9	26.2	1
2753	0	456	37.9779	88.0348	-647.7	PPB	2.52	1.85	1.15	0.732	1.612	2.203	1260.	38.	7.	766.4	26.0	1
2754	10	508	37.9778	88.0341	-648.0	PPB	3.52	0.05	1.48	0.0	0.0	2.377	1303.	55.	9.	766.4	26.2	1
2755	10	512	37.9778	88.0335	-647.7	PPB	4.35	1.39	1.50	0.0	0.0	2.899	1316.	29.	4.	767.4	26.2	1
2756	0	512	37.9778	88.0327	-647.5	PPB	5.86	2.56	1.57	0.437	1.634	3.740	1398.	28.	4.	767.4	26.1	1

CP9 1P12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2757	0	516	37.9778	88.0320	-647.2	PPB	4.18	3.62	1.07	0.865	3.374	3.900	1344.	36.	4.	766.9	26.1	1
2758	10	520	37.9778	88.0314	-647.7	PPB	6.85	0.49	0.89	0.0	0.0	7.686	1317.	39.	6.	766.9	26.1	1
2759	0	528	37.9778	88.0306	-647.7	PPB	5.32	1.67	1.25	0.314	1.331	4.241	1469.	29.	6.	765.9	26.1	1
2760	10	532	37.9778	88.0299	-647.5	PPB	6.07	1.55	1.30	0.0	0.0	4.678	1444.	37.	5.	764.9	26.0	1
2761	0	540	37.9778	88.0292	-647.7	PPB	6.80	2.42	1.25	0.356	1.937	5.440	1488.	25.	4.	764.9	26.0	1
2762	10	540	37.9778	88.0285	-649.0	PPB	4.28	1.64	1.31	0.0	0.0	3.271	1552.	51.	8.	764.9	26.0	1
2763	0	540	37.9778	88.0278	-648.0	PPB	7.28	2.56	1.28	0.352	2.004	5.689	1592.	27.	7.	764.9	25.9	1
2764	0	536	37.9778	88.0272	-646.7	PPB	6.68	3.76	1.41	0.563	2.658	4.720	1702.	45.	5.	764.9	26.0	1
2765	0	536	37.9778	88.0264	-646.5	PPB	8.58	1.90	1.62	0.221	1.173	5.307	1878.	27.	5.	764.9	26.0	1
2766	0	528	37.9778	88.0257	-646.0	PPB	7.05	3.81	1.46	0.541	2.618	4.843	1707.	41.	5.	764.9	26.0	1
2767	0	524	37.9778	88.0250	-645.0	QAL	7.81	3.24	1.08	0.415	2.996	7.216	1786.	39.	6.	764.9	25.9	1
2768	0	516	37.9778	88.0243	-645.2	QAL	5.06	3.61	1.60	0.712	2.247	3.154	1762.	44.	5.	764.9	25.9	1
2769	0	512	37.9778	88.0236	-645.2	QAL	6.89	3.67	1.50	0.532	2.438	4.582	1769.	41.	4.	765.9	26.0	1
2770	0	512	37.9778	88.0230	-644.7	QAL	3.39	2.44	1.80	0.719	1.355	1.884	1753.	54.	11.	766.4	25.9	1
2771	0	508	37.9778	88.0222	-643.7	QAL	6.18	3.57	1.33	0.578	2.681	4.640	1724.	44.	11.	766.9	25.9	1
2772	0	504	37.9778	88.0215	-642.5	QAL	8.13	2.71	1.37	0.334	1.974	5.910	1752.	30.	10.	766.9	25.9	1
2773	10	504	37.9778	88.0208	-642.5	QAL	9.54	0.78	1.60	0.0	0.0	5.955	1700.	36.	8.	768.0	25.9	1
2774	0	500	37.9778	88.0201	-642.0	QAL	6.40	2.05	1.45	0.321	1.420	4.426	1766.	37.	11.	768.0	25.9	1
2775	0	492	37.9778	88.0194	-641.2	QAL	8.67	1.85	1.38	0.213	1.344	6.302	1696.	34.	3.	768.0	25.9	1
2776	10	488	37.9778	88.0188	-641.5	QAL	7.23	1.53	1.66	0.0	0.0	4.365	1660.	42.	6.	766.9	25.9	1
2777	10	488	37.9778	88.0180	-639.5	QAL	6.80	0.08	1.69	0.0	0.0	4.024	1594.	36.	5.	766.9	25.9	1
2778	0	484	37.9778	88.0173	-638.0	QAL	6.89	2.64	1.30	0.383	2.032	5.301	1436.	37.	0.	765.9	25.9	1
2779	0	472	37.9778	88.0166	-637.7	QAL	3.79	3.50	1.15	0.924	3.053	3.305	1173.	26.	4.	766.4	25.9	1
2780	0	464	37.9778	88.0159	-637.2	QAL	3.04	1.59	0.63	0.525	2.513	4.789	944.	42.	0.	767.4	25.9	1
2781	0	468	37.9778	88.0152	-636.2	QAL	2.26	1.62	0.77	0.718	2.120	2.952	849.	41.	1.	767.4	25.9	1
2782	0	460	37.9778	88.0145	-636.0	QAL	4.42	2.24	0.92	0.506	2.440	4.821	943.	28.	0.	768.5	25.9	1
2783	10	444	37.9778	88.0138	-634.2	QAL	2.77	0.64	1.03	0.0	0.0	2.696	983.	43.	5.	769.0	25.9	1
2784	10	440	37.9778	88.0131	-634.7	QAL	2.98	0.87	0.70	0.0	0.0	4.272	877.	38.	8.	768.0	25.9	1
2785	10	468	37.9778	88.0124	-634.7	QAL	3.25	-0.20	0.41	0.0	0.0	7.946	595.	42.	8.	766.9	25.9	1
2786	110	476	37.9778	88.0117	-634.5	QAL	1.18	-1.64	0.20	0.0	0.0	0.0	292.	52.	9.	766.9	25.9	1
2787	111	480	37.9778	88.0110	-634.7	QAL	0.83	-0.39	0.15	0.0	0.0	0.0	262.	43.	8.	766.9	25.9	1
2788	10	484	37.9778	88.0103	-633.2	(WATER)	2.47	0.08	0.20	0.0	0.0	12.208	432.	37.	6.	767.4	25.9	1
2789	110	488	37.9778	88.0096	-631.7	(WATER)	1.01	0.53	0.48	0.0	0.0	0.0	603.	40.	10.	767.4	25.9	1
2790	0	460	37.9778	88.0089	-630.5	(WATER)	5.02	1.63	0.99	0.325	1.655	5.090	1031.	29.	7.	768.5	25.9	1
2791	10	480	37.9778	88.0082	-630.2	(WATER)	4.70	1.39	1.19	0.0	0.0	3.950	1333.	31.	8.	769.5	25.9	1
2792	10	492	37.9778	88.0075	-630.0	(WATER)	6.88	0.02	1.79	0.0	0.0	3.843	1589.	41.	10.	768.5	25.9	1
2793	0	496	37.9778	88.0068	-629.5	QAL	5.56	3.11	1.59	0.558	1.951	3.495	1558.	51.	8.	766.9	26.0	1
2794	10	500	37.9778	88.0061	-630.7	QAL	6.68	1.48	1.66	0.0	0.0	4.037	1714.	34.	7.	766.4	26.1	1
2795	10	504	37.9778	88.0054	-630.7	QAL	8.02	-0.04	1.71	0.0	0.0	4.694	1614.	48.	11.	765.4	26.1	1
2796	10	512	37.9778	88.0047	-629.0	QAL	7.89	1.23	1.87	0.0	0.0	4.226	1700.	42.	6.	766.4	26.1	1
2797	10	516	37.9778	88.0040	-627.0	QAL	6.36	0.80	1.59	0.0	0.0	4.003	1667.	49.	10.	767.4	26.1	1
2798	0	520	37.9778	88.0033	-625.5	QAL	6.93	1.94	1.48	0.280	1.312	4.682	1633.	39.	11.	766.4	26.0	1
2799	10	524	37.9778	88.0026	-624.0	QAL	9.38	0.11	1.38	0.0	0.0	6.774	1551.	28.	8.	767.4	26.0	1
2800	0	524	37.9778	88.0019	-622.0	QAL	5.69	2.03	1.14	0.356	1.774	4.980	1494.	34.	7.	767.4	26.0	1
2801	10	532	37.9778	88.0012	-620.0	QAL	5.50	0.45	1.47	0.0	0.0	3.750	1388.	39.	10.	766.4	26.0	1
2802	0	528	37.9777	88.0005	-617.2	QAL	3.95	1.70	1.27	0.431	1.344	3.119	1380.	33.	6.	765.4	25.9	1

* TAGS *			* LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1	0	492	37.8943	88.0005	-684.0	QT-2	6.11	3.34	0.96	0.547	3.486	6.379	1554.	41.	6.	767.4	25.8	1
2	10	492	37.8943	88.0013	-681.7	QT-2	9.59	0.89	1.41	0.0	0.0	6.812	1649.	42.	7.	768.5	25.8	1
3	0	488	37.8943	88.0020	-683.2	QT-2	10.01	2.21	1.26	0.220	1.751	7.944	1630.	42.	9.	766.4	25.8	1
4	0	484	37.8943	88.0027	-684.2	QT-2	8.07	2.17	1.08	0.268	2.009	7.489	1626.	43.	10.	767.4	25.7	1
5	10	480	37.8943	88.0035	-684.7	QT-2	8.15	0.48	1.67	0.0	0.0	4.875	1729.	48.	7.	766.9	25.7	1
6	0	476	37.8942	88.0042	-683.5	QT-2	6.86	2.26	1.32	0.329	1.713	5.202	1591.	50.	5.	766.9	25.7	1
7	10	476	37.8942	88.0049	-683.7	QT-2	9.88	0.38	1.50	0.0	0.0	6.570	1699.	50.	7.	769.5	25.6	1
8	0	472	37.8942	88.0056	-683.2	QT-2	9.07	3.32	1.58	0.366	2.107	5.757	1675.	37.	1.	767.4	25.6	1
9	0	472	37.8942	88.0063	-684.7	QT-2	8.35	1.80	1.72	0.216	1.049	4.859	1762.	38.	3.	765.9	25.6	1
10	10	472	37.8942	88.0070	-684.2	QT-2	8.71	1.28	1.38	0.0	0.0	6.291	1587.	42.	3.	769.0	25.7	1
11	0	480	37.8941	88.0078	-684.7	QT-2	7.30	4.64	1.18	0.636	3.948	6.206	1687.	35.	0.	768.0	25.7	1
12	0	484	37.8941	88.0085	-684.2	QT-2	9.30	1.84	1.34	0.197	1.366	6.918	1553.	39.	1.	766.4	25.8	1
13	0	488	37.8941	88.0092	-684.2	QT-2	8.04	3.69	1.20	0.458	3.078	6.713	1672.	34.	1.	768.5	25.8	1
14	0	488	37.8941	88.0100	-685.7	(WATER)	8.06	2.40	1.46	0.297	1.646	5.534	1624.	42.	3.	767.4	25.9	1
15	0	492	37.8941	88.0107	-686.2	(WATER)	6.40	2.52	1.16	0.393	2.181	5.542	1601.	39.	4.	767.4	25.9	1
16	10	496	37.8940	88.0114	-686.2	(WATER)	9.70	0.88	1.42	0.0	0.0	6.827	1558.	37.	3.	768.5	25.9	1
17	0	496	37.8940	88.0121	-686.5	(WATER)	5.26	1.60	1.36	0.303	1.177	3.880	1427.	33.	7.	766.4	25.8	1
18	0	496	37.8940	88.0128	-687.0	(WATER)	6.49	2.11	0.74	0.324	2.862	8.826	1250.	37.	7.	767.4	25.8	1
19	10	492	37.8940	88.0135	-686.5	(WATER)	4.55	1.16	0.64	0.0	0.0	7.130	1029.	28.	9.	768.5	25.7	1
20	0	500	37.8940	88.0143	-687.7	QAL	2.45	2.51	0.49	1.021	5.113	5.007	831.	34.	4.	766.4	25.8	1
21	110	508	37.8940	88.0151	-688.2	QAL	1.03	0.43	0.51	0.0	0.0	0.0	513.	35.	8.	767.4	25.8	1
22	110	512	37.8940	88.0158	-688.0	QAL	1.31	0.44	0.30	0.0	0.0	0.0	458.	37.	10.	768.5	25.9	1
23	10	512	37.8939	88.0166	-689.5	QAL	1.29	0.68	0.28	0.0	0.0	4.564	408.	32.	5.	766.4	25.8	1
24	10	508	37.8939	88.0173	-690.0	QAL	1.66	0.66	0.36	0.0	0.0	4.582	390.	30.	5.	766.9	25.8	1
25	11	504	37.8939	88.0180	-689.0	QAL	1.42	-0.23	0.14	0.0	0.0	0.0	389.	37.	5.	766.9	25.7	1
26	110	500	37.8939	88.0187	-690.2	QAL	0.57	0.21	0.29	0.0	0.0	0.0	369.	40.	6.	765.9	25.8	1
27	10	496	37.8939	88.0195	-690.2	QAL	1.22	0.50	0.43	0.0	0.0	2.808	480.	27.	3.	768.0	25.8	1
28	10	496	37.8938	88.0202	-691.0	QAL	2.16	-0.19	0.29	0.0	0.0	7.438	447.	34.	4.	766.4	25.8	1
29	10	496	37.8938	88.0209	-691.2	QAL	1.89	0.02	0.41	0.0	0.0	4.638	427.	37.	1.	766.4	25.7	1
30	110	496	37.8938	88.0216	-691.2	QAL	0.33	-0.27	0.41	0.0	0.0	0.0	378.	39.	6.	769.0	25.7	1
31	10	492	37.8938	88.0224	-690.7	QAL	1.90	0.73	0.29	0.0	0.0	6.599	352.	32.	4.	767.4	25.7	1
32	110	492	37.8937	88.0231	-692.0	QAL	1.09	-0.55	0.30	0.0	0.0	0.0	302.	33.	8.	768.0	25.7	1
33	10	488	37.8937	88.0238	-694.0	QAL	1.53	-0.25	0.18	0.0	0.0	8.733	330.	42.	8.	769.0	25.7	1
34	110	492	37.8938	88.0246	-695.7	(WATER)	0.91	-0.38	0.30	0.0	0.0	0.0	412.	34.	8.	766.9	25.7	1
35	10	492	37.8937	88.0253	-695.5	(WATER)	1.91	-0.31	0.21	0.0	0.0	9.195	457.	41.	8.	768.0	25.7	1
36	10	492	37.8937	88.0260	-694.5	(WATER)	2.52	0.31	0.45	0.0	0.0	5.562	585.	36.	6.	768.5	25.7	1
37	0	488	37.8937	88.0267	-695.2	(WATER)	3.60	2.45	0.60	0.680	4.106	6.040	858.	39.	4.	766.9	25.7	1
38	10	472	37.8937	88.0274	-696.7	(WATER)	5.28	0.68	0.84	0.0	0.0	6.252	1060.	46.	6.	768.0	25.7	1
39	0	472	37.8936	88.0282	-697.2	(WATER)	3.62	2.97	1.11	0.820	2.669	3.255	1262.	34.	5.	767.4	25.7	1
40	0	476	37.8936	88.0289	-697.7	(WATER)	4.78	2.61	1.28	0.547	2.038	3.727	1403.	38.	0.	767.4	25.8	1
41	10	480	37.8936	88.0297	-696.2	(WATER)	5.83	1.39	1.29	0.0	0.0	4.535	1474.	35.	4.	769.5	25.8	1
42	0	480	37.8936	88.0304	-697.5	(WATER)	7.49	3.36	1.11	0.449	3.016	6.723	1551.	25.	2.	767.4	25.8	1
43	0	476	37.8936	88.0311	-699.0	(WATER)	7.09	3.26	1.23	0.459	2.638	5.742	1596.	30.	1.	767.4	25.7	1
44	0	476	37.8935	88.0319	-698.2	(WATER)	6.01	2.87	1.14	0.476	2.515	5.278	1585.	38.	0.	769.5	25.7	1
45	0	484	37.8935	88.0326	-699.2	(WATER)	5.32	4.22	1.03	0.793	4.100	5.170	1538.	45.	1.	767.4	25.7	1
46	0	484	37.8935	88.0333	-700.5	(WATER)	7.76	2.35	1.41	0.302	1.671	5.525	1690.	40.	0.	768.5	25.7	1
47	0	480	37.8935	88.0340	-700.0	(WATER)	8.42	1.65	1.57	0.197	1.054	5.362	1712.	39.	3.	770.0	25.6	1
48	0	484	37.8935	88.0348	-700.0	(WATER)	5.90	5.38	1.37	0.912	3.935	4.316	1643.	46.	0.	768.0	25.7	1
49	0	488	37.8934	88.0355	-699.7	(WATER)	8.31	1.70	1.44	0.204	1.179	5.768	1720.	34.	4.	769.0	25.7	1
50	0	488	37.8934	88.0362	-698.2	(WATER)	8.39	3.11	1.40	0.370	2.218	5.988	1624.	49.	0.	769.5	25.7	1
51	0	488	37.8934	88.0369	-696.7	(WATER)	6.57	1.92	1.32	0.292	1.461	4.997	1504.	44.	2.	768.0	25.7	1
52	0	484	37.8934	88.0377	-698.2	(WATER)	6.91	2.42	1.33	0.351	1.823	5.191	1536.	47.	0.	769.0	25.7	1
53	0	480	37.8934	88.0384	-698.2	(WATER)	5.58	2.50	1.19	0.447	2.102	4.699	1449.	35.	3.	768.0	25.8	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
54	0	472	37.8934	88.0391	-693.5	(WATER)	5.46	3.79	1.00	0.695	3.778	5.433	1346.	39.	0.	766.9	25.7	1
55	0	468	37.8934	88.0398	-692.5	(WATER)	6.38	3.01	0.87	0.472	3.448	7.306	1300.	31.	0.	770.0	25.7	1
56	10	464	37.8933	88.0405	-696.0	(WATER)	6.07	1.23	1.22	0.0	0.(	4.971	1228.	45.	3.	768.0	25.7	1
57	0	460	37.8933	88.0413	-693.2	(WATER)	4.62	1.41	1.23	0.305	1.145	3.753	1267.	35.	2.	767.4	25.7	1
58	10	460	37.8932	88.0420	-693.7	(WATER)	5.89	1.17	1.05	0.0	0.0	5.627	1182.	31.	0.	769.5	25.7	1
59	10	460	37.8933	88.0427	-697.2	(WATER)	4.21	0.41	0.76	0.0	0.0	5.565	1049.	45.	1.	768.0	25.6	1
60	10	460	37.8933	88.0435	-698.5	(WATER)	5.07	0.84	0.81	0.0	0.0	6.254	1154.	40.	5.	768.5	25.6	1
61	10	464	37.8932	88.0442	-701.5	(WATER)	4.60	1.01	0.91	0.0	0.0	5.057	1099.	33.	3.	769.5	25.8	1
62	10	472	37.8932	88.0450	-705.5	(WATER)	4.91	1.00	0.76	0.0	0.0	6.471	1047.	34.	5.	767.4	25.8	1
63	10	472	37.8932	88.0457	-708.0	(WATER)	3.87	-0.24	1.25	0.0	0.0	3.109	1056.	54.	6.	768.5	25.7	1
64	10	480	37.8932	88.0464	-709.7	(WATER)	3.13	1.25	0.85	0.0	0.0	3.687	943.	56.	6.	769.0	25.7	1
65	10	484	37.8932	88.0471	-711.0	(WATER)	3.54	0.49	0.85	0.0	0.0	4.192	947.	34.	5.	768.0	25.7	1
66	0	492	37.8931	88.0479	-711.7	(WATER)	2.78	1.59	0.78	0.574	2.049	3.573	963.	30.	4.	768.5	25.8	1
67	0	496	37.8931	88.0486	-712.2	(WATER)	4.09	2.15	0.69	0.526	3.100	5.895	935.	43.	7.	768.0	25.8	1
68	10	500	37.8931	88.0493	-711.7	(WATER)	3.57	0.93	0.73	0.0	0.0	4.918	1014.	36.	8.	768.5	25.8	1
69	10	500	37.8931	88.0501	-711.2	(WATER)	6.17	0.93	0.82	0.0	0.0	7.549	985.	31.	1.	769.0	25.7	1
70	10	500	37.8930	88.0508	-713.0	(WATER)	7.42	-0.58	0.64	0.0	0.0	11.535	973.	37.	5.	766.9	25.7	1
71	0	496	37.8931	88.0515	-712.5	(WATER)	2.49	1.89	0.77	0.758	2.442	3.223	1002.	56.	2.	768.0	25.7	1
72	10	492	37.8931	88.0522	-711.7	(WATER)	3.27	-0.25	0.75	0.0	0.0	4.341	946.	41.	9.	768.5	25.7	1
73	0	492	37.8930	88.0530	-712.0	(WATER)	3.85	1.75	0.88	0.454	1.990	4.384	1053.	41.	3.	767.4	25.6	1
74	0	496	37.8930	88.0537	-711.0	(WATER)	4.50	1.83	0.64	0.407	2.858	7.024	957.	41.	9.	768.5	25.6	1
75	0	492	37.8929	88.0544	-710.0	(WATER)	2.72	3.02	0.70	1.112	4.345	3.907	1060.	33.	8.	767.4	25.6	1
76	10	488	37.8930	88.0551	-710.5	(WATER)	4.59	0.94	0.91	0.0	0.0	5.023	1067.	45.	8.	767.4	25.6	1
77	0	484	37.8929	88.0558	-711.7	(WATER)	4.00	2.14	0.80	0.533	2.673	5.010	1043.	44.	6.	769.5	25.6	1
78	10	484	37.8929	88.0566	-712.0	(WATER)	5.42	1.54	0.85	0.0	0.0	6.375	1161.	34.	11.	767.4	25.6	1
79	10	480	37.8929	88.0573	-711.0	(WATER)	5.91	0.21	0.90	0.0	0.0	6.554	1116.	48.	9.	767.4	25.7	1
80	10	476	37.8929	88.0580	-712.0	(WATER)	6.07	1.31	0.92	0.0	0.0	6.571	1195.	30.	1.	769.0	25.6	1
81	0	464	37.8929	88.0588	-711.2	(WATER)	4.60	3.14	0.88	0.681	3.557	5.220	1230.	34.	3.	766.9	25.6	1
82	0	468	37.8928	88.0595	-710.0	(WATER)	4.38	3.92	1.19	0.894	3.298	3.690	1331.	39.	1.	766.9	25.6	1
83	0	476	37.8928	88.0603	-708.0	(WATER)	6.44	2.31	1.17	0.358	1.968	5.493	1441.	33.	4.	768.5	25.6	1
84	0	480	37.8928	88.0610	-709.0	(WATER)	6.05	2.18	1.42	0.360	1.536	4.269	1504.	37.	0.	767.4	25.6	1
85	0	484	37.8928	88.0617	-710.5	(WATER)	7.00	4.17	1.17	0.595	3.551	5.969	1593.	39.	0.	767.4	25.6	1
86	0	484	37.8928	88.0624	-710.2	(WATER)	7.44	3.05	1.07	0.410	2.855	6.958	1577.	36.	0.	767.4	25.6	1
87	0	484	37.8927	88.0632	-709.5	QAL	7.60	1.72	1.53	0.226	1.127	4.981	1691.	38.	0.	768.0	25.6	1
88	0	484	37.8927	88.0639	-709.2	QAL	8.07	2.41	1.37	0.299	1.759	5.877	1613.	30.	0.	768.0	25.6	1
89	0	484	37.8927	88.0646	-710.5	QAL	8.33	1.75	1.36	0.210	1.284	6.112	1553.	51.	0.	766.9	25.5	1
90	0	488	37.8927	88.0653	-711.0	QAL	7.76	2.93	1.51	0.378	1.940	5.137	1751.	24.	0.	768.5	25.6	1
91	0	488	37.8927	88.0661	-710.2	QAL	7.02	2.30	1.40	0.327	1.644	5.028	1706.	31.	0.	769.5	25.7	1
92	0	492	37.8926	88.0668	-712.0	QAL	5.80	3.44	1.36	0.592	2.535	4.281	1642.	44.	1.	767.4	25.6	1
93	0	496	37.8927	88.0675	-712.7	QAL	6.56	3.13	1.45	0.476	2.161	4.536	1565.	35.	2.	767.4	25.7	1
94	10	496	37.8926	88.0682	-710.7	QAL	8.10	0.49	1.38	0.0	0.0	5.845	1494.	42.	8.	768.0	25.9	1
95	10	500	37.8926	88.0690	-710.0	QAL	7.53	0.69	1.68	0.0	0.0	4.483	1649.	45.	9.	766.9	26.0	1
96	10	504	37.8925	88.0697	-710.7	QAL	5.40	1.73	1.33	0.0	0.0	4.048	1545.	34.	16.	768.0	26.0	1
97	0	508	37.8925	88.0704	-709.7	QAL	6.66	2.23	1.54	0.335	1.447	4.320	1543.	33.	15.	767.4	26.0	1
98	10	504	37.8925	88.0712	-709.2	QAL	5.93	0.60	1.29	0.0	0.0	4.618	1493.	39.	15.	767.4	26.0	1
99	10	504	37.8925	88.0719	-710.7	QAL	7.27	0.49	1.66	0.0	0.0	4.377	1658.	37.	14.	768.0	26.0	1
100	10	504	37.8925	88.0726	-710.5	QAL	3.54	1.06	1.84	0.0	0.0	1.926	1598.	42.	15.	766.9	26.0	1
101	10	508	37.8924	88.0734	-711.2	QAL	6.56	1.45	1.17	0.0	0.0	5.602	1502.	51.	11.	767.4	26.0	1
102	0	508	37.8925	88.0741	-712.5	QAL	5.90	2.86	1.44	0.486	1.992	4.100	1705.	37.	7.	768.0	26.0	1
103	0	504	37.8925	88.0748	-711.7	QAL	6.83	3.90	1.12	0.571	3.479	6.089	1624.	36.	6.	766.9	25.9	1
104	0	500	37.8924	88.0755	-710.0	QAL	8.34	3.42	0.92	0.410	3.708	9.037	1620.	34.	3.	767.4	25.9	1
105	0	480	37.8924	88.0763	-710.7	QAL	7.36	3.19	1.09	0.433	2.919	6.736	1577.	41.	2.	767.4	25.8	1
106	0	496	37.8924	88.0770	-711.0	QAL	7.64	3.80	1.23	0.498	3.098	6.223	1573.	32.	0.	766.9	25.8	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
107	0	492	37.8924	88.0777	-709.2	QAL	5.85	3.55	1.64	0.607	2.160	3.560	1590.	29.	0.	767.4	25.8	1
108	0	492	37.8923	88.0785	-710.7	QAL	5.64	2.08	1.36	0.368	1.527	4.149	1546.	39.	2.	767.4	25.8	1
109	10	488	37.8923	88.0792	-710.7	QAL	8.23	1.01	1.64	0.0	0.0	5.025	1612.	41.	4.	768.0	25.8	1
110	0	488	37.8923	88.0799	-712.5	QAL	4.14	2.06	1.55	0.497	1.330	2.674	1570.	37.	6.	767.4	25.8	1
111	0	488	37.8923	88.0806	-713.7	QAL	7.19	2.72	1.45	0.378	1.878	4.970	1643.	32.	4.	766.9	26.0	1
112	0	492	37.8923	88.0814	-713.2	QAL	7.01	2.16	1.69	0.308	1.277	4.146	1620.	42.	10.	768.0	26.1	1
113	0	500	37.8922	88.0821	-714.0	QAL	4.70	3.81	1.54	0.810	2.469	3.046	1553.	48.	5.	766.9	26.0	1
114	0	504	37.8922	88.0828	-713.2	QAL	7.26	2.37	1.30	0.327	1.826	5.582	1681.	32.	9.	767.4	26.0	1
115	10	512	37.8922	88.0835	-712.7	QAL	8.77	1.83	1.01	0.0	0.0	8.711	1520.	41.	6.	768.0	25.9	1
116	10	512	37.8922	88.0843	-714.2	QAL	7.74	1.65	1.31	0.0	0.0	5.883	1442.	33.	7.	765.9	25.9	1
117	10	504	37.8922	88.0850	-714.2	(WATER)	6.79	1.18	1.23	0.0	0.0	5.507	1397.	33.	8.	766.9	25.8	1
118	0	440	37.8921	88.0857	-712.7	(WATER)	5.01	1.88	0.71	0.375	2.650	7.064	1137.	48.	6.	767.4	25.8	1
119	10	424	37.8921	88.0864	-715.0	(WATER)	4.44	0.84	1.01	0.0	0.0	4.390	1037.	43.	5.	766.9	25.8	1
120	10	428	37.8921	88.0872	-714.7	(WATER)	3.63	1.30	0.76	0.0	0.0	4.785	892.	40.	6.	768.0	25.8	1
121	0	416	37.8921	88.0879	-713.2	(WATER)	2.26	2.33	0.47	1.029	4.911	4.773	690.	39.	7.	766.9	25.7	1
122	10	480	37.8921	88.0887	-716.0	(WATER)	2.90	0.76	0.28	0.0	0.0	10.361	524.	30.	7.	766.4	25.7	1
123	10	504	37.8920	88.0894	-716.2	QAL	2.19	0.40	0.43	0.0	0.0	5.093	535.	23.	4.	766.9	25.8	1
124	10	504	37.8920	88.0901	-716.2	QAL	1.99	0.90	0.22	0.0	0.0	9.022	453.	37.	8.	766.9	25.7	1
125	10	504	37.8920	88.0908	-717.2	QAL	2.55	0.10	0.68	0.0	0.0	3.760	815.	32.	7.	768.0	25.7	1
126	0	496	37.8920	88.0916	-717.7	QAL	3.69	2.61	0.78	0.707	3.352	4.739	991.	41.	6.	768.5	25.7	1
127	0	492	37.8919	88.0923	-717.2	QAL	3.88	1.60	0.96	0.413	1.671	4.042	1222.	41.	6.	768.5	25.7	1
128	0	488	37.8920	88.0930	-718.5	QAL	5.31	3.93	0.92	0.740	4.252	5.746	1432.	28.	8.	768.5	25.8	1
129	0	484	37.8920	88.0937	-718.2	QAL	8.09	2.20	0.97	0.272	2.276	8.363	1384.	44.	2.	767.4	25.7	1
130	0	488	37.8919	88.0945	-719.7	QAL	4.25	1.82	0.95	0.429	1.915	4.465	1309.	39.	7.	766.9	25.8	1
131	0	492	37.8919	88.0952	-722.0	QAL	7.03	2.49	1.04	0.354	2.404	6.787	1421.	40.	3.	766.9	25.9	1
132	0	500	37.8919	88.0959	-721.2	QAL	7.38	1.84	1.12	0.249	1.640	6.576	1353.	27.	1.	767.4	26.0	1
133	0	508	37.8919	88.0966	-721.5	QAL	7.05	2.53	1.03	0.359	2.456	6.844	1313.	49.	2.	768.0	26.0	1
134	10	512	37.8918	88.0974	-722.7	QAL	5.03	1.31	1.13	0.0	0.0	4.456	1334.	43.	3.	765.9	25.9	1
135	10	508	37.8918	88.0981	-722.7	QAL	12.51	-0.18	1.19	0.0	0.0	10.542	1430.	30.	2.	766.9	25.9	1
136	0	508	37.8918	88.0988	-722.7	QAL	7.37	4.21	1.19	0.571	3.536	6.189	1681.	41.	0.	768.5	25.9	1
137	0	508	37.8918	88.0996	-723.7	QAL	9.11	2.38	1.51	0.261	1.572	6.012	1729.	33.	0.	767.4	25.8	1
138	0	504	37.8918	88.1003	-724.5	QAL	7.67	3.05	1.60	0.398	1.907	4.790	1751.	26.	4.	767.4	25.8	1
139	0	504	37.8917	88.1010	-724.2	QAL	8.35	2.28	1.64	0.273	1.386	5.083	1832.	41.	3.	767.4	25.8	1
140	10	508	37.8917	88.1017	-725.0	QAL	9.20	1.52	1.66	0.0	0.0	5.554	1813.	39.	0.	766.4	25.9	1
141	0	512	37.8917	88.1025	-726.0	QAL	5.05	2.96	1.40	0.586	2.110	3.600	1725.	38.	7.	766.9	26.0	1
142	0	516	37.8917	88.1032	-727.0	QAL	8.61	2.26	1.77	0.262	1.273	4.856	1821.	49.	5.	767.4	26.1	1
143	10	520	37.8917	88.1039	-727.7	QAL	11.31	1.60	1.48	0.0	0.0	7.664	1834.	40.	2.	766.4	26.1	1
144	0	520	37.8916	88.1047	-728.5	QAL	9.04	3.04	1.46	0.336	2.081	6.192	1821.	42.	1.	765.4	26.1	1
145	0	520	37.8917	88.1054	-730.7	QAL	7.98	4.17	1.24	0.523	3.353	6.416	1820.	37.	4.	766.4	26.0	1
146	0	524	37.8916	88.1061	-731.2	QAL	8.26	2.75	1.31	0.333	2.099	6.302	1706.	42.	0.	766.9	26.0	1
147	0	524	37.8916	88.1068	-731.2	QAL	9.29	2.01	1.22	0.216	1.649	7.638	1733.	30.	1.	766.4	26.0	1
148	0	516	37.8916	88.1076	-731.2	QAL	5.03	3.11	1.29	0.618	2.413	3.905	1594.	42.	0.	766.9	26.0	1
149	0	516	37.8915	88.1083	-731.7	QAL	7.98	2.48	1.58	0.311	1.576	5.059	1738.	39.	0.	766.4	26.0	1
150	0	516	37.8916	88.1090	-732.0	QAL	7.87	2.39	1.71	0.303	1.398	4.611	1686.	43.	0.	765.9	26.2	1
151	0	516	37.8915	88.1098	-733.2	QAL	12.16	2.54	1.65	0.209	1.537	7.358	1759.	44.	0.	766.4	26.2	1
152	10	512	37.8915	88.1105	-735.5	QAL	11.16	1.18	1.61	0.0	0.0	6.941	1814.	43.	0.	766.4	26.2	1
153	0	512	37.8915	88.1112	-735.5	QAL	9.10	2.36	1.25	0.260	1.898	7.307	1794.	36.	0.	766.4	26.1	1
154	0	504	37.8915	88.1119	-736.7	QAL	6.28	3.45	1.41	0.550	2.445	4.447	1705.	31.	0.	766.4	26.1	1
155	0	504	37.8915	88.1127	-738.7	QAL	7.35	5.35	1.20	0.728	4.443	6.100	1618.	49.	0.	766.9	26.1	1
156	10	504	37.8914	88.1134	-739.7	QAL	10.31	0.03	1.50	0.0	0.0	6.881	1585.	44.	1.	767.4	26.2	1
157	0	512	37.8914	88.1141	-741.7	QAL	6.01	2.68	1.55	0.446	1.731	3.881	1542.	31.	2.	766.4	26.2	1
158	10	512	37.8914	88.1148	-742.0	QAL	7.23	1.46	1.69	0.0	0.0	4.289	1532.	44.	1.	766.4	26.1	1
159	10	512	37.8914	88.1156	-742.2	QAL	6.93	1.40	1.49	0.0	0.0	4.647	1423.	53.	1.	766.4	26.1	1

* TAGS *			LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
160	0	516	37.8914	88.1163	-745.0	QAL	5.98	2.55	1.42	0.426	1.802	4.225	1522.	43.	2.	766.4	26.0	1
161	0	520	37.8914	88.1171	-745.7	QAL	5.96	3.35	1.25	0.561	2.672	4.758	1571.	42.	2.	766.9	26.0	1
162	0	520	37.8914	88.1178	-746.0	QAL	3.85	1.68	1.44	0.437	1.166	2.670	1499.	44.	3.	768.0	25.9	1
163	10	516	37.8914	88.1185	-747.7	QAL	6.17	0.66	1.13	0.0	0.0	5.445	1444.	45.	7.	767.4	25.9	1
164	0	504	37.8914	88.1192	-749.5	QAL	5.53	3.07	1.18	0.556	2.601	4.681	1445.	44.	1.	767.4	25.8	1
165	10	500	37.8914	88.1200	-751.7	QAL	5.48	-0.27	0.98	0.0	0.0	5.565	1317.	32.	10.	768.5	25.9	1
166	10	492	37.8914	88.1207	-752.2	QAL	6.16	1.18	0.92	0.0	0.0	6.677	1281.	37.	8.	768.0	25.9	1
167	10	484	37.8914	88.1214	-755.0	QAL	7.76	-0.19	1.02	0.0	0.0	7.634	1331.	41.	11.	766.4	25.9	1
168	10	468	37.8914	88.1221	-754.5	QAL	5.64	0.80	0.99	0.0	0.0	5.721	1298.	43.	10.	768.0	25.9	1
169	10	460	37.8914	88.1230	-756.2	QAL	5.77	0.81	1.31	0.0	0.0	4.396	1342.	44.	14.	768.5	25.9	1
170	10	460	37.8914	88.1237	-758.5	QAL	5.64	1.44	1.05	0.0	0.0	5.358	1361.	44.	11.	768.5	25.9	1
171	10	452	37.8914	88.1244	-760.2	QAL	7.48	0.63	1.08	0.0	0.0	6.952	1400.	38.	10.	769.0	25.9	1
172	10	444	37.8914	88.1252	-760.2	QAL	5.38	1.55	1.30	0.0	0.0	4.132	1443.	43.	12.	769.5	25.9	1
173	10	432	37.8914	88.1259	-762.2	QAL	3.86	0.15	1.29	0.0	0.0	2.997	1386.	43.	13.	769.0	25.9	1
174	10	428	37.8914	88.1266	-764.2	QAL	4.64	0.96	1.47	0.0	0.0	3.162	1490.	37.	14.	768.5	25.9	1
175	10	400	37.8915	88.1273	-767.5	QAL	6.25	1.37	1.27	0.0	0.0	4.931	1344.	32.	11.	769.5	26.0	1
176	10	344	37.8915	88.1281	-768.5	QAL	3.93	1.13	0.85	0.0	0.0	4.617	1253.	37.	12.	769.5	26.0	1
177	0	340	37.8915	88.1287	-769.5	QAL	4.39	2.30	1.08	0.524	2.135	4.076	1197.	49.	9.	768.0	26.1	1
178	10	344	37.8915	88.1296	-770.0	QAL	5.76	0.32	1.04	0.0	0.0	5.556	1173.	33.	11.	768.5	26.2	1
179	0	392	37.8915	88.1303	-770.7	QAL	4.54	1.95	1.20	0.429	1.619	3.775	1389.	37.	11.	769.5	26.2	1
180	0	436	37.8915	88.1310	-772.0	QAL	5.33	1.93	1.63	0.362	1.182	3.263	1507.	33.	10.	768.0	26.2	1
181	10	436	37.8915	88.1317	-772.7	QAL	6.26	0.11	1.37	0.0	0.0	4.575	1449.	39.	8.	766.9	26.3	1
182	0	440	37.8915	88.1325	-774.2	QAL	6.17	2.06	1.34	0.333	1.537	4.611	1492.	32.	5.	768.0	26.3	1
183	10	448	37.8915	88.1332	-777.0	PPB	5.06	1.46	1.47	0.0	0.0	3.432	1380.	52.	6.	767.4	26.3	1
184	0	452	37.8915	88.1339	-776.5	PPB	5.90	3.64	1.29	0.617	2.824	4.578	1512.	31.	3.	768.0	26.3	1
185	10	456	37.8915	88.1346	-778.7	PPB	3.30	1.06	1.45	0.0	0.0	2.271	1373.	39.	1.	768.0	26.2	1
186	10	456	37.8915	88.1354	-780.7	PPB	5.18	0.22	1.69	0.0	0.0	3.064	1409.	33.	9.	767.4	26.2	1
187	10	456	37.8915	88.1361	-782.7	PPB	5.62	0.63	1.31	0.0	0.0	4.293	1346.	40.	9.	767.4	26.1	1
188	10	444	37.8915	88.1368	-784.2	PPB	3.98	-0.01	1.61	0.0	0.0	2.466	1238.	38.	11.	768.0	26.1	1
189	10	408	37.8915	88.1376	-786.0	PPB	3.29	0.57	1.46	0.0	0.0	2.250	1214.	32.	13.	769.0	26.1	1
190	10	356	37.8916	88.1383	-788.0	PPB	3.71	0.39	1.10	0.0	0.0	3.375	1105.	43.	10.	768.5	26.1	1
191	10	348	37.8916	88.1390	-789.7	PPB	3.36	0.64	1.16	0.0	0.0	2.903	1186.	44.	9.	768.0	26.1	1
192	10	380	37.8916	88.1398	-789.5	PPB	5.85	0.93	1.39	0.0	0.0	4.212	1341.	26.	11.	768.5	26.2	1
193	10	384	37.8916	88.1405	-790.7	PPB	4.64	0.26	1.30	0.0	0.0	3.564	1358.	35.	12.	768.0	26.3	1
194	0	392	37.8916	88.1412	-794.2	PPB	5.52	2.72	1.14	0.493	2.390	4.851	1502.	30.	7.	767.4	26.3	1
195	10	400	37.8916	88.1420	-798.5	PPB	5.82	1.13	1.43	0.0	0.0	4.061	1534.	46.	7.	768.5	26.3	1
196	0	412	37.8916	88.1427	-800.0	PPB	6.10	2.65	1.06	0.435	2.499	5.750	1418.	48.	4.	768.0	26.3	1
197	0	420	37.8916	88.1434	-801.0	PPB	6.40	2.60	1.20	0.407	2.177	5.352	1476.	50.	5.	767.4	26.3	1
198	10	388	37.8916	88.1442	-803.5	PPB	6.11	0.49	1.27	0.0	0.0	4.798	1438.	41.	6.	767.4	26.3	1
199	0	432	37.8916	88.1449	-806.0	PPB	7.05	1.90	1.29	0.269	1.467	5.448	1372.	39.	6.	768.0	26.3	1
200	10	416	37.8916	88.1456	-807.2	PPB	6.89	0.79	1.01	0.0	0.0	6.831	1248.	32.	9.	767.4	26.3	1
201	10	392	37.8916	88.1463	-807.7	QAL	6.04	1.11	1.06	0.0	0.0	5.708	1271.	39.	8.	768.0	26.3	1
202	0	428	37.8916	88.1470	-807.5	QAL	4.77	2.82	1.21	0.592	2.340	3.951	1435.	31.	7.	768.5	26.3	1
203	0	440	37.8917	88.1479	-810.2	QAL	5.82	2.28	1.29	0.393	1.773	4.516	1526.	35.	8.	768.0	26.3	1
204	0	440	37.8917	88.1486	-812.5	QAL	6.35	1.86	1.26	0.293	1.471	5.026	1543.	44.	11.	768.0	26.3	1
205	0	440	37.8917	88.1494	-813.2	QAL	5.71	2.05	1.14	0.358	1.802	5.029	1553.	45.	9.	768.5	26.3	1
206	0	440	37.8917	88.1501	-814.0	QAL	4.94	2.83	1.36	0.572	2.071	3.620	1620.	26.	8.	768.5	26.2	1
207	0	436	37.8917	88.1508	-815.2	QAL	7.44	1.78	1.36	0.240	1.315	5.492	1511.	44.	6.	769.0	26.2	1
208	0	432	37.8917	88.1515	-818.2	QAL	6.75	3.66	1.47	0.543	2.490	4.587	1621.	46.	5.	768.5	26.2	1
209	0	424	37.8917	88.1522	-820.7	QAL	5.63	2.25	1.43	0.401	1.576	3.934	1507.	46.	7.	768.0	26.2	1
210	0	424	37.8917	88.1530	-820.2	QAL	7.88	2.78	1.28	0.353	2.168	6.137	1570.	38.	5.	768.5	26.2	1
211	0	420	37.8917	88.1537	-820.7	PPB	7.67	2.50	1.13	0.326	2.210	6.770	1544.	38.	4.	769.0	26.2	1
212	0	412	37.8917	88.1545	-821.2	PPB	9.00	2.57	1.19	0.286	2.155	7.537	1585.	40.	7.	768.5	26.2	1

CP9 IP12

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
213	10	408	37.8917	88.1552	-824.7	PPB	8.12	1.55	0.93	0.0	0.0	8.708	1585.	37.	10.	769.0	26.2	1
214	0	408	37.8917	88.1559	-826.0	PPB	5.63	2.21	1.13	0.393	1.951	4.965	1526.	47.	13.	768.5	26.2	1
215	0	404	37.8917	88.1566	-826.5	PPB	7.71	1.94	0.85	0.251	2.290	9.106	1543.	32.	9.	768.5	26.1	1
216	10	400	37.8917	88.1574	-829.7	PPB	6.52	0.43	1.47	0.0	0.0	4.427	1561.	28.	9.	769.0	26.2	1
217	0	396	37.8917	88.1581	-832.2	PPB	7.45	1.74	1.31	0.234	1.336	5.709	1656.	34.	10.	769.0	26.2	1
218	10	392	37.8917	88.1588	-832.2	PPB	8.92	1.49	1.28	0.0	0.0	6.974	1637.	38.	7.	768.5	26.1	1
219	0	384	37.8917	88.1596	-831.0	PPB	7.91	2.17	1.32	0.275	1.651	6.008	1612.	40.	7.	770.0	26.2	1
220	0	380	37.8918	88.1603	-833.5	PPB	7.00	1.78	1.23	0.255	1.444	5.670	1667.	33.	5.	769.5	26.2	1
221	0	384	37.8918	88.1610	-835.5	PPB	7.40	2.71	1.28	0.366	2.117	5.782	1613.	34.	1.	768.5	26.1	1
222	0	376	37.8918	88.1618	-836.2	PPB	9.06	2.37	0.97	0.262	2.440	9.325	1620.	31.	0.	769.5	26.2	1
223	0	376	37.8918	88.1625	-837.2	PPB	6.99	1.77	1.24	0.253	1.426	5.627	1599.	33.	0.	769.0	26.2	1
224	0	388	37.8918	88.1632	-839.0	QAL	6.67	3.24	1.36	0.486	2.394	4.923	1602.	37.	0.	768.0	26.2	1
225	0	396	37.8918	88.1639	-839.5	QAL	5.68	3.38	1.42	0.595	2.383	4.003	1581.	40.	0.	769.5	26.2	1
226	0	404	37.8918	88.1647	-840.7	QAL	6.24	3.46	1.32	0.555	2.622	4.721	1581.	39.	2.	769.5	26.3	1
227	0	412	37.8918	88.1654	-842.2	QAL	5.16	3.20	1.51	0.621	2.125	3.424	1603.	44.	1.	768.0	26.2	1
228	0	416	37.8918	88.1661	-842.2	QAL	7.49	2.98	1.36	0.398	2.195	5.519	1552.	33.	3.	768.5	26.2	1
229	0	420	37.8918	88.1669	-843.2	QAL	7.01	2.27	1.33	0.324	1.715	5.294	1627.	33.	5.	769.0	26.2	1
230	0	420	37.8918	88.1677	-846.0	QAL	6.79	2.73	1.32	0.402	2.066	5.138	1563.	27.	3.	768.0	26.2	1
231	0	420	37.8918	88.1684	-846.2	QAL	4.88	1.79	1.41	0.367	1.268	3.455	1530.	35.	11.	768.5	26.2	1
232	0	420	37.8918	88.1691	-846.2	QAL	7.34	3.83	1.12	0.521	3.401	6.529	1513.	42.	1.	769.0	26.3	1
233	0	424	37.8919	88.1698	-847.2	QAL	8.88	3.88	0.96	0.437	4.063	9.291	1517.	41.	2.	768.0	26.3	1
234	0	428	37.8919	88.1705	-848.7	QAL	8.51	2.13	1.08	0.250	1.971	7.890	1446.	37.	4.	767.4	26.3	1
235	0	436	37.8919	88.1713	-849.2	QAL	7.03	2.66	1.58	0.379	1.687	4.453	1543.	34.	2.	768.0	26.3	1
236	0	436	37.8919	88.1720	-851.2	QAL	7.98	1.97	1.34	0.246	1.467	5.954	1586.	40.	6.	768.5	26.3	1
237	0	436	37.8919	88.1728	-851.7	QAL	6.33	1.92	1.52	0.303	1.264	4.175	1551.	38.	4.	768.0	26.2	1
238	0	432	37.8919	88.1735	-852.7	QAL	7.11	1.67	1.32	0.235	1.266	5.390	1581.	37.	6.	768.5	26.2	1
239	0	424	37.8919	88.1743	-854.2	QAL	6.62	2.81	1.17	0.425	2.394	5.635	1560.	50.	4.	768.5	26.1	1
240	0	424	37.8919	88.1750	-855.7	QAL	6.96	3.10	0.88	0.445	3.528	7.933	1618.	33.	6.	768.5	26.1	1
241	0	420	37.8919	88.1757	-855.5	QAL	8.44	1.92	1.34	0.228	1.429	6.278	1595.	31.	6.	769.0	26.0	1
242	0	420	37.8919	88.1764	-857.5	QAL	7.62	2.87	1.37	0.377	2.103	5.582	1563.	38.	3.	768.5	26.1	1
243	0	420	37.8919	88.1772	-857.5	QAL	7.44	1.90	1.29	0.256	1.474	5.767	1578.	38.	5.	769.0	26.1	1
244	0	420	37.8919	88.1779	-858.2	QAL	7.24	2.48	1.33	0.343	1.866	5.442	1660.	49.	2.	769.5	26.2	1
245	10	424	37.8919	88.1786	-859.2	QAL	7.10	0.68	1.56	0.0	0.0	4.546	1538.	38.	5.	768.5	26.2	1
246	0	424	37.8919	88.1794	-860.5	QAL	8.14	1.73	1.53	0.213	1.129	5.311	1606.	41.	2.	768.0	26.2	1
247	0	424	37.8919	88.1801	-860.0	QAL	7.62	1.54	1.53	0.202	1.005	4.977	1616.	37.	3.	768.5	26.1	1
248	0	424	37.8919	88.1808	-860.0	QAL	5.24	5.41	1.47	1.034	3.692	3.572	1637.	47.	0.	768.0	26.1	1
249	10	424	37.8919	88.1816	-861.2	QAL	8.85	1.42	1.58	0.0	0.0	5.597	1734.	47.	5.	768.0	26.1	1
250	0	420	37.8920	88.1823	-863.5	QAL	5.92	2.44	1.51	0.412	1.618	3.929	1632.	36.	4.	768.5	26.1	1
251	0	424	37.8920	88.1830	-863.2	QAL	8.72	3.32	1.45	0.381	2.286	6.006	1743.	31.	1.	768.5	26.1	1
252	0	424	37.8920	88.1837	-864.2	QAL	6.06	2.86	1.76	0.472	1.623	3.440	1728.	44.	4.	768.0	26.0	1
253	0	424	37.8920	88.1845	-865.7	QAL	5.79	3.84	1.19	0.663	3.220	4.857	1640.	43.	7.	768.0	26.0	1
254	0	424	37.8920	88.1852	-866.7	QAL	6.38	3.02	1.36	0.474	2.225	4.694	1780.	33.	2.	768.5	26.0	1
255	10	424	37.8920	88.1860	-866.0	QAL	6.38	0.30	1.70	0.0	0.0	3.756	1656.	38.	5.	768.5	26.0	1
256	0	424	37.8920	88.1867	-866.0	QAL	6.43	2.57	1.59	0.400	1.622	4.059	1717.	40.	5.	768.0	26.1	1
257	0	428	37.8920	88.1874	-867.7	QAL	6.13	4.47	1.45	0.730	3.079	4.218	1694.	30.	2.	767.4	26.2	1
258	0	432	37.8920	88.1882	-868.7	QAL	8.87	2.73	1.73	0.307	1.574	5.122	1734.	41.	3.	767.4	26.3	1
259	0	440	37.8920	88.1889	-870.2	QAL	8.39	3.42	1.46	0.408	2.350	5.763	1691.	43.	0.	768.0	26.2	1
260	0	440	37.8920	88.1896	-871.2	QAL	6.18	2.86	1.43	0.462	1.997	4.320	1687.	38.	4.	768.5	26.2	1
261	0	444	37.8920	88.1903	-869.7	QAL	8.46	3.59	1.49	0.424	2.416	5.698	1817.	38.	3.	768.0	26.1	1
262	0	444	37.8920	88.1910	-870.5	QAL	6.90	1.78	1.73	0.258	1.029	3.994	1751.	40.	6.	768.0	26.1	1
263	0	440	37.8920	88.1918	-872.5	QAL	7.65	2.71	1.51	0.355	1.790	5.047	1798.	31.	4.	766.9	26.1	1
264	0	436	37.8920	88.1926	-871.2	QAL	8.40	1.79	1.74	0.214	1.031	4.830	1759.	36.	8.	766.4	25.9	1
265	0	436	37.8920	88.1933	-870.7	QAL	7.21	3.63	1.64	0.504	2.209	4.385	1798.	49.	6.	767.4	26.0	1

* TAGS *			LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
266	0	436	37.8921	88.1940	-871.0	QAL	8.41	2.46	1.46	0.293	1.690	5.774	1668.	49.	5.	768.0	26.1	1
267	0	436	37.8921	88.1948	-872.0	QAL	6.03	1.95	1.61	0.324	1.210	3.740	1703.	55.	5.	768.5	26.1	1
268	0	436	37.8921	88.1955	-871.5	QAL	7.67	2.94	1.62	0.384	1.820	4.745	1737.	38.	5.	768.5	26.1	1
269	10	432	37.8921	88.1962	-872.5	QAL	8.94	1.15	1.53	0.0	0.0	5.860	1721.	39.	4.	768.0	26.0	1
270	0	432	37.8921	88.1969	-873.7	PPB	9.36	1.98	1.62	0.212	1.221	5.763	1715.	40.	5.	767.4	26.1	1
271	0	432	37.8921	88.1977	-874.0	PPB	5.72	3.09	1.40	0.540	2.203	4.076	1690.	46.	4.	769.0	26.1	1
272	0	428	37.8921	88.1985	-875.0	PPB	8.24	2.48	1.53	0.301	1.622	5.395	1607.	48.	3.	768.5	26.1	1
273	0	428	37.8921	88.1992	-874.2	PPB	9.13	3.99	1.21	0.437	3.291	7.532	1646.	43.	2.	767.4	26.1	1
274	0	424	37.8921	88.1999	-874.5	PPB	6.70	3.54	1.33	0.528	2.658	5.036	1768.	40.	0.	769.0	26.1	1
275	0	420	37.8921	88.2006	-875.7	PPB	10.02	2.49	1.42	0.249	1.761	7.076	1760.	26.	0.	768.5	26.0	1
276	0	416	37.8921	88.2014	-875.5	PPB	8.70	3.42	1.15	0.393	2.980	7.587	1828.	34.	0.	768.5	26.0	1
277	0	412	37.8921	88.2021	-875.0	PPB	7.59	4.03	1.48	0.531	2.723	5.129	1773.	38.	0.	769.0	26.0	1
278	0	412	37.8921	88.2028	-875.7	PPB	8.87	2.41	1.17	0.271	2.055	7.573	1731.	43.	0.	768.0	26.0	1
279	0	416	37.8921	88.2035	-875.0	PPB	6.91	3.81	1.37	0.551	2.771	5.029	1761.	39.	0.	768.5	26.0	1
280	0	408	37.8922	88.2043	-874.5	PPB	8.82	1.66	1.33	0.188	1.247	6.642	1743.	31.	0.	769.0	26.0	1
281	0	404	37.8922	88.2050	-875.2	PPB	6.00	3.55	1.53	0.591	2.314	3.916	1686.	42.	2.	769.0	25.9	1
282	0	400	37.8922	88.2057	-876.0	PPB	6.03	5.30	1.02	0.878	5.196	5.917	1691.	31.	2.	768.5	25.9	1
283	0	396	37.8922	88.2065	-876.7	PPB	6.44	3.47	1.21	0.539	2.864	5.310	1701.	37.	4.	768.0	25.9	1
284	0	392	37.8922	88.2072	-876.5	PPB	7.81	3.94	1.04	0.505	3.807	7.543	1675.	40.	5.	768.5	26.0	1
285	0	392	37.8922	88.2079	-877.0	PPB	6.94	3.79	1.08	0.546	3.511	6.431	1693.	30.	7.	769.0	26.1	1
286	0	388	37.8922	88.2086	-876.2	PPB	7.62	2.74	1.02	0.360	2.681	7.444	1641.	37.	9.	769.0	26.1	1
287	0	388	37.8922	88.2094	-875.2	PPB	6.01	2.83	1.11	0.472	2.549	5.404	1573.	51.	5.	769.5	26.0	1
288	0	388	37.8922	88.2102	-874.5	PPB	6.10	3.28	1.00	0.538	3.296	6.129	1475.	46.	7.	769.0	26.0	1
289	0	388	37.8922	88.2109	-876.7	PPB	7.86	2.59	1.21	0.330	2.137	6.483	1665.	41.	5.	768.5	25.9	1
290	0	380	37.8922	88.2116	-877.0	PPB	6.74	2.44	1.46	0.362	1.666	4.605	1628.	45.	6.	768.0	25.9	1
291	0	388	37.8922	88.2124	-876.0	PPB	6.12	2.03	1.26	0.333	1.613	4.851	1641.	59.	9.	768.0	26.0	1
292	0	396	37.8922	88.2131	-873.2	PPB	8.73	2.87	1.34	0.329	2.147	6.529	1634.	40.	4.	768.5	26.1	1
293	0	396	37.8922	88.2138	-872.0	PPB	8.65	3.93	1.09	0.454	3.591	7.902	1704.	31.	4.	768.5	26.1	1
294	0	404	37.8922	88.2145	-869.7	PPB	6.47	3.08	1.14	0.475	2.697	5.673	1678.	32.	3.	768.5	26.1	1
295	0	404	37.8922	88.2152	-869.0	PPB	10.27	2.11	1.56	0.205	1.355	6.596	1737.	35.	1.	768.0	26.1	1
296	0	396	37.8922	88.2160	-868.2	PPB	7.70	2.41	1.33	0.313	1.804	5.772	1729.	26.	6.	768.5	26.0	1
297	0	396	37.8923	88.2168	-867.7	PPB	7.10	3.46	1.25	0.487	2.778	5.703	1603.	41.	0.	769.0	26.0	1
298	0	400	37.8923	88.2175	-868.7	PPB	7.77	3.86	1.25	0.497	3.096	6.227	1714.	28.	4.	768.5	26.0	1
299	0	396	37.8923	88.2182	-869.7	PPB	7.43	2.12	1.46	0.285	1.452	5.088	1639.	38.	2.	768.5	26.0	1
300	0	392	37.8923	88.2190	-870.5	PPB	9.21	2.28	1.22	0.247	1.865	7.541	1774.	39.	0.	768.0	26.0	1
301	0	384	37.8923	88.2197	-871.5	PPB	7.47	4.17	1.19	0.559	3.495	6.252	1701.	25.	0.	768.5	26.0	1
302	0	380	37.8923	88.2204	-872.0	PPB	8.87	2.57	1.34	0.289	1.923	6.645	1654.	50.	0.	769.0	26.0	1
303	0	380	37.8923	88.2212	-871.5	PPB	6.93	4.13	1.17	0.595	3.518	5.908	1665.	36.	0.	769.5	25.9	1
304	0	376	37.8923	88.2218	-874.2	PPB	7.11	2.66	1.71	0.374	1.560	4.165	1758.	48.	3.	769.5	25.9	1
305	0	376	37.8923	88.2226	-874.2	PPB	8.64	3.00	1.25	0.348	2.398	6.901	1733.	45.	3.	769.5	25.9	1
306	0	380	37.8923	88.2234	-874.0	PPB	9.46	2.88	1.38	0.304	2.081	6.844	1726.	43.	0.	769.0	25.9	1
307	10	380	37.8923	88.2241	-875.5	PPB	10.07	0.67	1.49	0.0	0.0	6.777	1743.	33.	7.	769.5	25.8	1
308	0	368	37.8923	88.2248	-874.2	PPB	6.69	2.43	1.23	0.363	1.981	5.462	1692.	29.	8.	770.5	25.9	1
309	0	360	37.8923	88.2255	-868.0	PPB	7.86	1.52	1.38	0.193	1.102	5.709	1568.	40.	11.	770.5	25.8	1
310	0	368	37.8924	88.2263	-866.0	PPB	4.42	1.44	1.65	0.325	0.874	2.685	1670.	43.	13.	769.5	25.9	1
311	0	388	37.8924	88.2270	-868.5	QAL	8.26	1.87	1.55	0.226	1.208	5.338	1811.	40.	11.	770.0	25.9	1
312	0	392	37.8924	88.2277	-870.5	QAL	6.68	2.34	1.44	0.351	1.625	4.627	1653.	40.	12.	769.5	25.9	1
313	0	388	37.8924	88.2284	-871.7	QAL	6.72	2.53	1.08	0.376	2.341	6.222	1521.	39.	11.	769.0	25.9	1
314	0	392	37.8924	88.2292	-871.2	QAL	8.68	1.64	1.35	0.188	1.213	6.435	1610.	36.	8.	769.5	26.0	1
315	0	368	37.8924	88.2299	-870.7	QAL	4.16	4.16	0.90	1.000	4.640	4.639	1449.	27.	4.	769.5	26.0	1
316	10	348	37.8924	88.2307	-871.0	QAL	5.56	1.24	1.09	0.0	0.0	5.112	1291.	46.	6.	768.5	26.1	1
317	0	356	37.8924	88.2314	-870.0	QAL	5.33	2.36	1.04	0.443	2.280	5.142	1351.	46.	1.	768.0	26.0	1
318	0	380	37.8924	88.2321	-869.2	QAL	6.91	1.35	0.95	0.195	1.413	7.234	1405.	42.	3.	769.5	26.0	1

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
319	0	428	37.8924	88.2328	-870.5	QAL	9.01	2.09	1.55	0.232	1.352	5.828	1682.	33.	0.	769.0	26.0	1
320	0	432	37.8924	88.2336	-869.2	QAL	6.55	3.61	1.18	0.551	3.063	5.564	1591.	37.	1.	768.5	26.0	1
321	0	436	37.8924	88.2343	-867.2	QAL	8.53	3.90	1.53	0.458	2.549	5.569	1781.	40.	0.	768.5	25.9	1
322	0	436	37.8924	88.2351	-867.7	QAL	6.57	3.31	1.29	0.503	2.569	5.104	1648.	33.	0.	768.5	25.9	1
323	0	436	37.8924	88.2359	-868.0	QAL	9.56	3.56	1.27	0.373	2.802	7.519	1743.	38.	0.	768.0	25.8	1
324	0	432	37.8924	88.2365	-867.2	QAL	8.08	2.68	1.62	0.332	1.656	4.993	1652.	59.	1.	768.5	25.9	1
325	0	428	37.8924	88.2373	-868.7	QAL	7.49	3.08	1.19	0.411	2.594	6.305	1624.	35.	4.	768.5	25.8	1
326	0	424	37.8924	88.2380	-868.0	QAL	8.51	3.40	1.17	0.400	2.906	7.265	1684.	43.	3.	768.5	25.9	1
327	10	420	37.8924	88.2387	-866.7	QAL	7.84	1.42	1.44	0.0	0.0	5.460	1656.	47.	4.	769.0	25.8	1
328	0	420	37.8924	88.2394	-866.5	QAL	6.46	3.44	1.54	0.532	2.226	4.187	1624.	41.	5.	769.5	25.8	1
329	0	420	37.8925	88.2402	-867.0	QAL	5.86	2.99	1.32	0.509	2.258	4.433	1712.	37.	8.	769.0	25.8	1
330	10	416	37.8924	88.2409	-866.0	QAL	8.00	0.94	1.90	0.0	0.0	4.209	1747.	36.	6.	768.5	25.9	1
331	0	420	37.8925	88.2417	-865.7	QAL	7.25	2.58	1.20	0.356	2.153	6.047	1719.	38.	4.	768.0	25.9	1
332	0	420	37.8925	88.2424	-864.5	QAL	9.73	3.25	1.35	0.334	2.404	7.195	1707.	36.	6.	768.5	25.9	1
333	0	424	37.8925	88.2432	-863.5	QAL	9.10	1.80	1.41	0.198	1.279	6.460	1708.	38.	6.	768.5	26.0	1
334	0	432	37.8925	88.2439	-863.0	QAL	7.76	1.68	1.50	0.216	1.118	5.163	1722.	44.	10.	768.5	26.0	1
335	0	432	37.8925	88.2446	-863.0	QAL	7.15	2.18	1.25	0.305	1.750	5.743	1598.	28.	8.	769.0	26.0	1
336	0	432	37.8925	88.2453	-862.5	QAL	5.26	3.50	1.26	0.666	2.779	4.175	1666.	44.	7.	767.4	25.9	1
337	0	428	37.8925	88.2461	-861.0	QAL	8.52	1.99	1.15	0.233	1.723	7.387	1618.	42.	5.	766.9	25.9	1
338	0	416	37.8925	88.2468	-856.5	PPB	6.74	3.44	1.37	0.510	2.511	4.923	1690.	47.	3.	768.5	25.9	1
339	0	404	37.8925	88.2475	-855.7	PPB	5.78	2.71	1.15	0.470	2.361	5.023	1561.	35.	5.	769.0	25.8	1
340	0	408	37.8925	88.2483	-858.5	PPB	8.39	3.29	1.31	0.392	2.507	6.387	1732.	47.	0.	768.5	25.8	1
341	0	408	37.8925	88.2490	-860.0	PPB	7.53	2.60	1.30	0.345	2.002	5.796	1694.	37.	5.	768.0	25.8	1
342	0	404	37.8925	88.2497	-858.7	PPB	8.37	4.15	0.99	0.496	4.172	8.418	1695.	34.	0.	769.0	25.9	1
343	0	396	37.8925	88.2505	-857.2	PPB	8.31	1.66	1.52	0.200	1.093	5.466	1686.	30.	4.	769.5	25.8	1
344	0	404	37.8925	88.2512	-857.7	PPB	5.13	4.74	1.08	0.924	4.381	4.740	1590.	44.	0.	768.0	25.8	1
345	0	408	37.8925	88.2519	-858.0	PPB	8.50	2.92	1.14	0.344	2.562	7.447	1631.	29.	6.	768.5	25.8	1
346	0	412	37.8925	88.2526	-857.5	PPB	6.97	3.58	1.05	0.514	3.429	6.667	1613.	41.	2.	770.0	25.8	1
347	0	412	37.8925	88.2534	-857.0	PPB	8.07	3.13	1.09	0.388	2.860	7.379	1527.	45.	4.	769.0	25.7	1
348	0	412	37.8925	88.2541	-856.5	PPB	6.64	1.81	1.29	0.273	1.404	5.138	1622.	40.	6.	768.0	25.7	1
349	0	408	37.8925	88.2548	-856.7	PPB	7.60	3.06	1.24	0.403	2.478	6.153	1586.	41.	3.	769.5	25.7	1
350	0	404	37.8925	88.2555	-855.0	PPB	8.36	1.82	1.36	0.218	1.336	6.130	1618.	37.	4.	771.1	25.7	1
351	0	400	37.8925	88.2563	-853.7	PPB	7.79	2.45	1.55	0.314	1.584	5.039	1711.	48.	1.	770.0	25.7	1
352	0	392	37.8925	88.2570	-853.7	PPB	7.12	2.77	1.41	0.388	1.956	5.038	1734.	40.	3.	770.0	25.7	1
353	0	380	37.8925	88.2577	-853.0	PPB	8.64	3.34	1.17	0.387	2.858	7.381	1710.	46.	0.	770.0	25.7	1
354	0	372	37.8924	88.2584	-854.0	PPB	9.75	2.73	1.44	0.280	1.894	6.772	1679.	35.	0.	769.5	25.7	1
355	0	368	37.8924	88.2592	-853.5	PPB	7.11	3.58	1.40	0.504	2.556	5.075	1708.	39.	0.	769.5	25.7	1
356	0	376	37.8924	88.2599	-851.5	PPB	7.40	1.97	1.39	0.266	1.419	5.333	1721.	44.	0.	769.0	25.7	1
357	0	384	37.8924	88.2606	-852.2	PPB	8.80	3.68	1.23	0.418	2.996	7.160	1732.	37.	0.	769.0	25.8	1
358	0	396	37.8925	88.2613	-853.0	PPB	8.11	2.67	1.54	0.329	1.738	5.282	1631.	38.	0.	770.0	26.0	1
359	0	408	37.8925	88.2621	-850.7	PPM	7.79	2.04	1.33	0.262	1.534	5.857	1707.	47.	0.	769.5	26.0	1
360	0	416	37.8925	88.2628	-850.5	PPM	6.46	3.93	1.28	0.608	3.073	5.055	1672.	36.	0.	769.0	26.0	1
361	0	420	37.8924	88.2636	-849.5	PPM	7.15	3.00	1.25	0.420	2.405	5.727	1557.	53.	0.	769.0	26.0	1
362	0	424	37.8924	88.2643	-849.7	PPM	5.67	3.08	1.40	0.544	2.196	4.040	1563.	43.	0.	768.5	26.0	1
363	0	432	37.8924	88.2650	-848.7	PPM	9.64	2.29	1.41	0.238	1.623	6.824	1620.	33.	0.	769.0	26.0	1
364	0	440	37.8924	88.2657	-848.0	PPM	5.05	3.22	1.14	0.637	2.816	4.424	1574.	39.	2.	769.0	26.0	1
365	0	444	37.8924	88.2665	-847.5	QAL	9.15	1.96	1.43	0.214	1.374	6.413	1743.	44.	6.	768.0	26.0	1
366	0	452	37.8924	88.2672	-846.2	QAL	4.92	2.47	1.52	0.501	1.627	3.246	1627.	29.	8.	768.0	26.0	1
367	10	452	37.8924	88.2679	-843.5	QAL	9.87	1.28	1.36	0.0	0.0	7.233	1666.	32.	9.	768.5	26.0	1
368	0	456	37.8924	88.2686	-843.2	QAL	6.34	2.18	1.44	0.343	1.513	4.407	1690.	35.	10.	768.0	26.0	1
369	0	456	37.8924	88.2694	-845.0	QAL	6.28	2.04	1.29	0.325	1.586	4.885	1575.	40.	11.	768.0	26.0	1
370	0	448	37.8924	88.2701	-843.7	PPM	9.88	2.59	1.29	0.262	2.006	7.662	1713.	41.	3.	768.0	26.0	1
371	0	448	37.8924	88.2708	-842.5	PPM	9.12	2.44	1.30	0.268	1.871	6.991	1818.	40.	3.	768.0	25.9	1

CP9 1P12
CP9 1P12

* TAGS *			LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
372	0	444	37.8924	88.2715	-843.2	PPM	6.48	4.88	1.08	0.753	4.502	5.978	1690.	37.	0.	768.5	25.9	1
373	0	444	37.8924	88.2723	-842.0	PPM	8.75	4.02	0.97	0.459	4.126	8.985	1681.	35.	0.	768.5	25.9	1
374	0	440	37.8924	88.2730	-840.5	PPM	8.69	3.22	1.44	0.371	2.237	6.030	1697.	40.	0.	768.5	25.9	1
375	0	440	37.8924	88.2737	-839.7	PPM	7.64	2.25	1.34	0.295	1.678	5.689	1688.	52.	0.	769.0	26.0	1
376	0	444	37.8923	88.2744	-839.2	PPM	9.49	1.94	1.56	0.204	1.241	6.075	1751.	37.	0.	767.4	26.1	1
377	0	444	37.8924	88.2752	-839.0	PPM	7.96	2.56	1.44	0.322	1.774	5.519	1771.	40.	0.	767.4	26.0	1
378	0	444	37.8924	88.2759	-839.2	PPM	6.59	2.81	1.41	0.427	1.995	4.677	1644.	49.	0.	768.5	26.0	1
379	0	444	37.8924	88.2766	-839.5	PPM	7.35	2.70	1.27	0.368	2.131	5.792	1654.	47.	0.	769.0	26.0	1
380	0	444	37.8924	88.2774	-838.5	PPM	6.72	2.66	1.33	0.396	1.996	5.040	1649.	30.	0.	769.0	26.0	1
381	0	448	37.8924	88.2781	-838.0	PPM	7.53	3.72	1.11	0.495	3.370	6.813	1597.	29.	1.	768.5	26.0	1
382	0	448	37.8924	88.2788	-837.7	PPM	5.28	3.83	1.33	0.726	2.885	3.972	1734.	36.	0.	767.4	26.1	1
383	0	448	37.8923	88.2796	-837.7	QAL	5.64	3.52	1.20	0.624	2.933	4.704	1609.	37.	3.	768.5	26.3	1
384	0	452	37.8923	88.2803	-836.2	QAL	8.12	3.48	1.15	0.429	3.040	7.082	1611.	32.	4.	768.0	26.3	1
385	10	452	37.8923	88.2810	-834.2	QAL	9.04	0.02	1.41	0.0	0.0	6.422	1620.	39.	8.	767.4	26.3	1
386	0	452	37.8923	88.2817	-833.5	QAL	6.54	3.89	1.08	0.595	3.611	6.065	1590.	38.	4.	768.0	26.2	1
387	0	444	37.8923	88.2825	-834.5	PPM	6.46	3.53	1.12	0.546	3.145	5.763	1622.	36.	8.	767.4	26.1	1
388	0	436	37.8923	88.2832	-834.5	PPM	6.96	2.41	1.23	0.346	1.956	5.660	1674.	44.	7.	766.9	26.1	1
389	0	428	37.8923	88.2839	-833.0	PPM	8.04	3.10	1.05	0.386	2.955	7.655	1631.	36.	7.	768.0	26.1	1
390	0	416	37.8923	88.2847	-833.0	PPM	6.48	2.99	1.18	0.461	2.532	5.488	1507.	38.	4.	767.4	26.1	1
391	0	424	37.8923	88.2854	-833.7	PPM	7.38	3.24	1.24	0.439	2.621	5.973	1592.	42.	4.	766.9	26.1	1
392	0	440	37.8923	88.2861	-832.7	PPM	9.02	2.98	1.09	0.330	2.723	8.249	1658.	41.	3.	768.0	26.0	1
393	0	432	37.8923	88.2868	-832.0	PPM	7.13	3.47	1.10	0.487	3.157	6.479	1679.	24.	1.	768.5	26.0	1
394	0	428	37.8923	88.2876	-832.0	PPM	8.70	2.31	1.28	0.266	1.813	6.818	1671.	37.	5.	768.0	26.0	1
395	0	428	37.8923	88.2883	-831.5	PPM	6.93	4.36	0.84	0.630	5.222	8.294	1670.	31.	0.	768.0	26.0	1
396	0	424	37.8923	88.2890	-830.5	PPM	7.78	3.35	1.30	0.430	2.569	5.974	1659.	40.	0.	769.0	26.0	1
397	0	416	37.8923	88.2897	-830.0	PPM	7.64	2.96	1.04	0.388	2.841	7.326	1670.	43.	2.	768.5	25.9	1
398	0	368	37.8923	88.2905	-830.5	PPM	8.08	3.36	1.30	0.416	2.578	6.205	1653.	26.	0.	768.5	25.9	1
399	0	384	37.8923	88.2912	-829.2	PPM	8.67	3.21	1.14	0.371	2.830	7.636	1800.	33.	1.	769.0	25.9	1
400	0	396	37.8923	88.2919	-827.0	PPM	7.53	3.45	1.36	0.458	2.533	5.533	1753.	42.	0.	768.5	26.0	1
401	0	388	37.8923	88.2926	-826.7	PPM	7.63	2.16	1.59	0.284	1.360	4.797	1703.	49.	0.	767.4	25.9	1
402	0	392	37.8923	88.2934	-829.5	PPM	7.64	3.61	1.18	0.473	3.061	6.471	1716.	38.	1.	768.5	26.0	1
403	0	412	37.8923	88.2941	-830.5	PPM	8.95	4.94	0.89	0.552	5.549	10.051	1636.	41.	0.	769.5	26.1	1
404	0	436	37.8923	88.2948	-831.2	PPM	7.04	1.87	1.16	0.265	1.615	6.091	1494.	46.	3.	769.0	26.1	1
405	0	444	37.8922	88.2956	-832.0	QAL	7.84	2.28	1.19	0.291	1.912	6.570	1514.	30.	0.	768.5	26.1	1
406	0	432	37.8922	88.2963	-833.5	QAL	5.95	2.30	0.82	0.386	2.807	7.268	1408.	34.	5.	768.0	26.0	1
407	0	432	37.8922	88.2970	-824.2	QAL	5.63	1.77	0.89	0.315	1.986	6.301	1307.	32.	4.	768.5	26.0	1
408	0	428	37.8923	88.2977	-804.7	QAL	3.74	2.24	0.88	0.599	2.561	4.275	1142.	46.	9.	769.5	26.0	1
409	10	412	37.8923	88.2985	-800.7	QAL	3.11	1.14	1.01	0.0	0.0	3.073	1060.	47.	5.	770.5	26.0	1
410	0	416	37.8923	88.2992	-811.7	QAL	3.45	2.43	0.75	0.705	3.250	4.607	1137.	41.	5.	769.0	25.9	1
411	0	412	37.8923	88.2999	-817.0	QAL	5.96	3.10	0.72	0.520	4.325	8.318	1307.	38.	6.	768.5	26.0	1
412	0	408	37.8922	88.3007	-820.7	QAL	6.78	2.29	0.66	0.338	3.495	10.337	1331.	42.	7.	769.0	26.0	1
413	0	396	37.8922	88.3014	-823.5	QAL	6.35	1.88	0.79	0.296	2.368	8.010	1425.	29.	6.	768.5	26.1	1
414	0	400	37.8922	88.3021	-820.5	PPM	5.32	2.89	0.73	0.543	3.947	7.265	1406.	39.	8.	768.5	26.1	1
415	0	404	37.8922	88.3028	-819.5	PPM	6.49	3.37	0.89	0.519	3.785	7.295	1412.	49.	6.	768.5	26.1	1
416	0	400	37.8922	88.3036	-820.2	PPM	7.91	3.31	1.07	0.418	3.098	7.405	1500.	28.	5.	769.0	26.1	1
417	0	396	37.8922	88.3043	-818.0	PPM	6.31	2.62	0.90	0.415	2.894	6.982	1505.	37.	8.	769.5	26.0	1
418	0	392	37.8922	88.3050	-818.0	PPM	7.61	2.23	1.06	0.293	2.113	7.209	1497.	43.	4.	769.0	26.0	1
419	0	392	37.8922	88.3057	-820.5	PPM	5.00	2.26	1.27	0.451	1.773	3.929	1496.	46.	8.	768.5	26.0	1
420	0	392	37.8922	88.3065	-820.2	PPM	8.20	3.71	1.09	0.452	3.412	7.547	1566.	38.	1.	768.5	26.0	1
421	0	388	37.8922	88.3072	-819.2	PPM	6.90	1.94	1.41	0.281	1.375	4.900	1606.	50.	4.	768.5	25.9	1
422	0	384	37.8922	88.3079	-819.7	PPM	8.60	2.37	1.25	0.275	1.889	6.858	1627.	30.	2.	767.4	25.9	1
423	0	384	37.8922	88.3086	-818.0	PPM	8.62	3.51	1.14	0.407	3.091	7.589	1603.	35.	0.	768.0	26.1	1
424	0	392	37.8922	88.3094	-815.5	PPM	8.25	1.60	1.16	0.194	1.388	7.137	1597.	39.	2.	769.5	26.1	1

CP9 1P12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	CDS	UAIR	PRESS	TEMP	SYS
425	0	408	37.8922	88.3101	-816.5	PPM	7.48	4.21	1.08	0.564	3.910	6.938	1605.	36.	0.	769.0	26.0	1
426	0	416	37.8922	88.3109	-813.2	PPM	7.38	2.03	1.02	0.276	1.995	7.235	1506.	35.	6.	768.5	26.0	1
427	0	420	37.8922	88.3116	-811.5	PPM	7.54	2.61	1.01	0.346	2.590	7.483	1554.	36.	4.	768.5	25.9	1
428	0	420	37.8922	88.3123	-813.0	PPM	6.46	4.12	1.01	0.638	4.096	6.423	1550.	32.	3.	769.0	25.9	1
429	10	420	37.8922	88.3130	-812.5	PPM	9.42	1.27	0.98	0.0	0.0	9.569	1595.	35.	7.	769.0	25.8	1
430	0	420	37.8922	88.3138	-810.0	PPM	7.81	3.16	1.21	0.405	2.613	6.447	1617.	29.	3.	767.4	25.8	1
431	10	416	37.8922	88.3145	-807.7	PPM	7.43	1.25	1.31	0.0	0.0	5.674	1612.	42.	6.	768.0	25.8	1
432	0	408	37.8922	88.3152	-803.7	PPM	8.51	3.08	1.09	0.362	2.824	7.794	1596.	43.	4.	769.5	25.8	1
433	0	408	37.8921	88.3160	-800.5	PPM	7.62	1.47	1.34	0.192	1.094	5.683	1500.	20.	7.	769.5	25.8	1
434	0	412	37.8921	88.3167	-798.7	PPM	7.21	1.63	1.14	0.226	1.431	6.326	1397.	41.	7.	768.5	25.8	1
435	0	424	37.8921	88.3174	-797.7	PPM	6.04	1.91	1.30	0.316	1.470	4.647	1396.	46.	7.	768.5	25.8	1
436	0	428	37.8921	88.3181	-799.7	PPM	6.76	2.44	0.91	0.361	2.677	7.411	1465.	28.	4.	768.0	25.8	1
437	0	424	37.8921	88.3188	-799.7	PPM	6.49	3.54	1.18	0.546	2.996	5.488	1511.	48.	1.	768.5	25.8	1
438	0	424	37.8921	88.3196	-795.5	PPM	6.08	3.62	0.98	0.595	3.697	6.209	1577.	35.	3.	769.5	25.9	1
439	0	424	37.8921	88.3203	-794.2	PPM	9.14	3.27	1.05	0.358	3.105	8.675	1579.	36.	2.	768.5	25.8	1
440	0	420	37.8922	88.3210	-793.5	PPM	6.21	2.36	1.40	0.379	1.684	4.442	1552.	48.	5.	768.0	25.8	1
441	0	416	37.8921	88.3217	-789.5	PPM	7.75	2.35	1.21	0.304	1.950	6.417	1578.	39.	6.	768.5	25.8	1
442	10	416	37.8921	88.3225	-789.5	PPM	9.25	0.83	1.24	0.0	0.0	7.457	1637.	29.	8.	769.0	25.9	1
443	0	428	37.8921	88.3232	-788.7	PPM	6.86	2.46	1.34	0.359	1.836	5.112	1659.	35.	9.	768.5	25.9	1
444	0	436	37.8921	88.3239	-785.5	PPM	6.07	2.66	0.93	0.439	2.870	6.541	1595.	35.	9.	768.0	25.9	1
445	0	440	37.8921	88.3246	-784.7	QAL	5.51	1.76	1.47	0.320	1.198	3.748	1636.	41.	11.	768.5	26.0	1
446	10	448	37.8921	88.3254	-782.2	QAL	8.58	0.23	1.42	0.0	0.0	6.049	1663.	42.	12.	769.0	26.0	1
447	10	456	37.8921	88.3261	-780.0	QAL	6.78	-0.44	1.35	0.0	0.0	5.033	1684.	24.	15.	768.0	26.0	1
448	0	460	37.8921	88.3269	-779.5	QAL	9.58	2.71	1.34	0.283	2.029	7.172	1739.	22.	8.	768.5	26.0	1
449	0	460	37.8921	88.3277	-777.0	QAL	6.62	2.05	1.30	0.309	1.579	5.104	1713.	37.	15.	769.0	25.9	1
450	10	460	37.8921	88.3284	-773.7	QAL	7.11	1.50	1.04	0.0	0.0	6.812	1622.	37.	14.	767.4	25.8	1
451	0	464	37.8921	88.3291	-773.2	QAL	6.79	4.27	0.94	0.629	4.549	7.234	1581.	31.	10.	768.0	25.8	1
452	0	464	37.8921	88.3298	-772.2	QAL	5.14	1.80	1.48	0.350	1.219	3.482	1530.	45.	12.	768.5	25.8	1
453	10	464	37.8921	88.3306	-769.0	QAL	6.86	1.46	1.12	0.0	0.0	6.131	1510.	44.	10.	768.0	25.7	1
454	0	456	37.8921	88.3312	-767.5	QAL	6.95	2.44	1.22	0.351	2.000	5.697	1624.	32.	9.	768.0	25.7	1
455	0	444	37.8920	88.3320	-766.7	QAL	8.81	3.10	1.10	0.352	2.819	8.005	1586.	34.	8.	768.5	25.7	1
456	0	432	37.8920	88.3327	-764.0	QAL	5.85	1.90	1.22	0.325	1.560	4.794	1483.	47.	7.	768.0	25.7	1
457	10	416	37.8920	88.3334	-761.0	QAL	7.64	1.09	1.52	0.0	0.0	5.032	1518.	41.	8.	768.0	25.7	1
458	0	392	37.8920	88.3342	-758.7	PPM	6.90	1.91	1.00	0.277	1.906	6.868	1461.	36.	7.	768.5	25.7	1
459	0	388	37.8920	88.3349	-755.5	PPM	6.33	2.13	1.06	0.337	2.007	5.962	1495.	41.	7.	768.5	25.7	1
460	0	392	37.8920	88.3356	-752.5	PPM	6.18	2.14	1.00	0.346	2.142	6.186	1524.	36.	9.	768.5	25.7	1
461	0	392	37.8920	88.3363	-749.5	PPM	5.92	3.78	1.14	0.639	3.305	5.175	1610.	41.	9.	768.5	25.7	1
462	0	384	37.8920	88.3371	-741.7	PPM	9.45	2.93	1.13	0.311	2.595	8.354	1629.	44.	6.	769.0	25.8	1
463	0	388	37.8920	88.3378	-734.0	PPM	6.60	4.56	0.98	0.691	4.648	6.725	1589.	46.	7.	769.5	25.8	1
464	0	384	37.8920	88.3385	-731.2	PPM	7.50	3.08	1.11	0.411	2.765	6.724	1664.	40.	8.	769.0	25.8	1
465	0	384	37.8920	88.3392	-735.2	PPM	8.52	2.37	0.95	0.279	2.486	8.924	1546.	43.	4.	768.5	25.8	1
466	0	380	37.8920	88.3399	-738.2	PPM	6.96	2.39	1.22	0.344	1.963	5.711	1668.	33.	4.	768.5	25.8	1
467	0	380	37.8920	88.3407	-737.7	PPM	8.57	2.70	1.12	0.315	2.407	7.650	1572.	43.	0.	768.5	25.8	1
468	0	380	37.8920	88.3414	-736.2	PPM	7.03	3.40	1.40	0.484	2.433	5.027	1647.	43.	0.	768.5	25.8	1
469	0	376	37.8920	88.3421	-735.7	PPM	9.84	3.15	1.12	0.320	2.809	8.775	1635.	25.	0.	769.0	25.8	1
470	0	376	37.8920	88.3429	-733.5	PPM	7.85	3.63	0.95	0.462	3.818	8.261	1640.	30.	0.	768.5	25.8	1
471	0	372	37.8920	88.3437	-731.2	PPM	7.06	4.35	1.02	0.616	4.279	6.943	1619.	30.	0.	769.0	25.7	1
472	0	372	37.8920	88.3444	-730.2	PPM	6.35	2.54	0.96	0.400	2.654	6.628	1576.	31.	1.	768.5	25.7	1
473	0	376	37.8920	88.3451	-727.5	PPM	6.79	2.93	1.17	0.432	2.515	5.824	1585.	37.	4.	768.0	25.7	1
474	0	388	37.8920	88.3458	-724.7	PPM	7.69	3.80	1.17	0.495	3.238	6.544	1583.	39.	3.	768.0	25.8	1
475	0	396	37.8920	88.3465	-722.0	PPM	5.30	4.10	1.21	0.773	3.402	4.400	1528.	38.	5.	768.0	25.8	1
476	0	404	37.8920	88.3472	-719.5	PPM	8.60	3.97	0.69	0.461	5.715	12.384	1553.	31.	7.	768.5	25.8	1
477	0	404	37.8919	88.3480	-717.5	PPM	7.76	2.64	1.01	0.340	2.600	7.647	1522.	36.	12.	768.0	25.8	1

CP9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
478	0	412	37.8919	88.3487	-714.2	PPM	8.20	2.31	1.18	0.282	1.960	6.945	1621.	32.	12.	767.4	25.8	1
479	0	416	37.8919	88.3494	-712.0	PPM	5.33	3.64	1.24	0.684	2.931	4.285	1599.	39.	9.	766.9	25.8	1
480	0	428	37.8920	88.3502	-712.0	PPM	5.25	1.99	1.08	0.378	1.835	4.853	1471.	48.	12.	767.4	25.8	1
481	0	432	37.8920	88.3509	-710.7	PPM	6.57	3.21	1.20	0.488	2.675	5.481	1604.	48.	8.	767.4	25.8	1
482	10	436	37.8920	88.3516	-708.2	PPM	7.82	0.79	1.18	0.0	0.0	6.610	1651.	38.	7.	767.4	25.8	1
483	0	432	37.8920	88.3524	-707.2	PPM	6.92	1.86	1.29	0.268	1.439	5.366	1624.	44.	10.	768.0	25.7	1
484	0	436	37.8919	88.3530	-704.5	PPM	7.51	2.69	1.25	0.358	2.154	6.013	1709.	37.	12.	767.4	25.9	1
485	10	440	37.8919	88.3538	-702.5	PPM	8.86	1.67	1.16	0.0	0.0	7.621	1656.	47.	10.	766.9	25.8	1
486	10	444	37.8919	88.3545	-700.0	PPM	9.41	1.63	1.46	0.0	0.0	6.468	1713.	39.	11.	767.4	25.8	1
487	10	448	37.8919	88.3552	-697.0	PPM	10.19	0.85	1.18	0.0	0.0	8.633	1543.	43.	10.	768.0	25.8	1
488	10	448	37.8919	88.3560	-695.7	PPM	7.97	0.95	1.35	0.0	0.0	5.916	1611.	29.	15.	767.4	25.8	1
489	0	452	37.8919	88.3567	-693.7	PPM	7.69	1.81	1.02	0.235	1.779	7.556	1586.	42.	12.	768.0	25.7	1
490	0	444	37.8919	88.3574	-689.0	PPM	7.36	1.96	1.20	0.267	1.643	6.163	1544.	29.	12.	768.5	25.7	1
491	10	436	37.8919	88.3582	-685.5	PPM	7.72	1.18	1.45	0.0	0.0	5.324	1666.	40.	13.	768.5	25.7	1
492	10	440	37.8919	88.3590	-684.7	PPM	7.58	1.16	1.23	0.0	0.0	6.183	1587.	48.	10.	768.0	25.8	1
493	0	444	37.8919	88.3597	-683.2	PPM	7.44	2.43	0.98	0.327	2.480	7.588	1640.	42.	8.	768.0	25.7	1
494	0	444	37.8919	88.3604	-679.7	PPM	7.60	3.31	1.43	0.435	2.323	5.335	1590.	38.	5.	768.5	25.7	1
495	0	440	37.8919	88.3611	-675.5	PPM	8.78	2.49	1.31	0.283	1.900	6.706	1606.	33.	5.	768.0	25.7	1
496	0	440	37.8919	88.3618	-673.2	PPM	7.28	3.62	1.07	0.497	3.393	6.822	1575.	49.	4.	768.0	25.6	1
497	0	444	37.8919	88.3625	-669.2	PPM	9.30	3.15	1.14	0.339	2.769	8.166	1599.	32.	5.	768.5	25.7	1
498	0	440	37.8918	88.3633	-664.5	QT-2	7.71	4.41	1.18	0.572	3.733	6.524	1662.	29.	2.	768.0	25.7	1
499	0	440	37.8919	88.3640	-663.2	QT-2	5.83	2.80	1.23	0.480	2.265	4.722	1555.	33.	4.	768.0	25.6	1
500	0	444	37.8919	88.3647	-659.7	QT-2	5.69	4.73	1.20	0.832	3.955	4.756	1551.	43.	0.	768.5	25.6	1
501	0	444	37.8919	88.3655	-654.5	QT-2	7.50	2.46	1.35	0.328	1.822	5.559	1700.	40.	3.	768.5	25.6	1
502	0	436	37.8919	88.3662	-653.7	QT-2	7.00	3.58	1.06	0.511	3.388	6.632	1593.	40.	4.	769.0	25.6	1
503	0	436	37.8919	88.3669	-651.5	QT-2	6.98	4.30	1.27	0.616	3.392	5.508	1770.	44.	5.	768.5	25.6	1
504	0	436	37.8919	88.3676	-646.5	QT-2	9.68	3.55	1.49	0.367	2.388	6.511	1928.	38.	8.	769.0	25.6	1
505	0	440	37.8919	88.3683	-642.5	QT-2	10.22	2.79	1.67	0.273	1.669	6.123	1977.	40.	8.	769.5	25.7	1
506	0	444	37.8918	88.3690	-639.5	QT-2	7.64	3.20	1.40	0.419	2.290	5.461	1851.	37.	12.	768.5	25.6	1
507	10	448	37.8918	88.3698	-636.2	QT-2	8.54	0.53	1.49	0.0	0.0	5.722	1871.	41.	13.	768.5	25.6	1
508	10	452	37.8918	88.3705	-633.7	QT-2	8.95	0.09	1.48	0.0	0.0	6.031	1843.	35.	14.	769.0	25.7	1
509	0	456	37.8918	88.3712	-630.0	QT-2	8.76	4.11	1.24	0.469	3.305	7.043	1864.	41.	13.	768.5	25.7	1
510	0	456	37.8918	88.3720	-626.0	QT-2	7.16	3.53	1.51	0.494	2.347	4.755	1922.	36.	13.	768.0	25.7	1
511	0	460	37.8918	88.3727	-622.2	QT-2	7.29	2.19	1.67	0.301	1.316	4.373	1862.	28.	11.	767.4	25.7	1
512	0	464	37.8918	88.3734	-620.5	QT-2	8.69	2.22	1.32	0.256	1.688	6.602	1837.	41.	10.	768.0	25.7	1
513	0	468	37.8918	88.3743	-617.2	QT-2	10.20	3.25	1.23	0.318	2.630	8.264	1752.	41.	3.	768.0	25.7	1
514	0	472	37.8918	88.3750	-612.7	QT-2	6.84	3.10	1.51	0.453	2.049	4.521	1685.	41.	0.	768.0	25.7	1
515	0	472	37.8918	88.3757	-608.0	QT-2	5.68	3.91	1.23	0.688	3.165	4.601	1633.	37.	3.	768.0	25.7	1
516	0	480	37.8918	88.3764	-606.0	QT-2	7.13	2.39	1.22	0.335	1.961	5.859	1626.	34.	2.	767.4	25.7	1
517	0	484	37.8918	88.3772	-602.5	QT-2	7.56	2.07	1.14	0.274	1.825	6.656	1587.	46.	5.	767.4	25.7	1
518	0	476	37.8918	88.3779	-598.5	QT-2	7.75	3.49	1.48	0.450	2.360	5.246	1610.	31.	2.	768.0	25.6	1
519	0	480	37.8918	88.3786	-595.5	QT-2	7.91	1.95	1.38	0.246	1.414	5.740	1568.	37.	2.	767.4	25.6	1
520	10	480	37.8917	88.3793	-593.7	QT-2	6.94	1.41	1.58	0.0	0.0	4.384	1509.	43.	6.	767.4	25.6	1
521	0	480	37.8918	88.3801	-590.2	QT-2	7.21	2.54	1.04	0.352	2.439	6.928	1494.	33.	8.	767.4	25.5	1
522	0	472	37.8918	88.3808	-586.0	QT-2	7.02	1.66	1.30	0.237	1.281	5.408	1554.	34.	6.	767.4	25.5	1
523	0	468	37.8918	88.3815	-582.0	QT-2	6.44	5.35	0.80	0.830	6.678	8.041	1492.	39.	4.	768.0	25.5	1
524	0	456	37.8918	88.3822	-578.2	QT-2	6.53	1.94	1.03	0.298	1.877	6.306	1532.	39.	9.	768.5	25.5	1
525	0	468	37.8918	88.3829	-575.7	QT-2	7.06	2.30	0.99	0.326	2.314	7.108	1497.	48.	10.	768.0	25.5	1
526	10	464	37.8918	88.3837	-572.2	QT-2	6.85	1.51	1.26	0.0	0.0	5.418	1624.	44.	10.	768.5	25.6	1
527	10	460	37.8917	88.3844	-567.5	QT-1	8.52	1.27	1.32	0.0	0.0	6.445	1468.	47.	10.	768.5	25.6	1
528	0	464	37.8917	88.3851	-561.7	QT-1	5.10	1.92	1.09	0.375	1.759	4.688	1489.	33.	10.	767.4	25.6	1
529	0	480	37.8917	88.3858	-559.0	QT-2	7.07	2.00	1.28	0.283	1.560	5.511	1535.	41.	10.	767.4	25.6	1
530	0	472	37.8917	88.3866	-555.7	QT-2	5.76	1.86	1.28	0.324	1.463	4.520	1479.	36.	9.	767.4	25.6	1

CP9 1P 12

*	TAGS		* LOCATION			*	REDUCED DATA											
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
531	0	464	37.8917	88.3873	-550.2	QT-1	5.77	3.51	0.96	0.609	3.650	5.994	1541.	29.	6.	766.9	25.6	1
532	0	472	37.8917	88.3880	-547.5	QT-2	8.80	2.55	1.13	0.290	2.268	7.816	1598.	33.	4.	767.4	25.6	1
533	0	472	37.8917	88.3887	-544.5	QT-2	6.13	1.72	1.23	0.281	1.401	4.988	1564.	44.	8.	768.0	25.6	1
534	0	476	37.8917	88.3894	-540.5	QT-2	6.06	2.29	1.22	0.378	1.880	4.968	1561.	40.	7.	768.5	25.6	1
535	0	476	37.8917	88.3903	-535.5	QT-2	10.72	1.75	1.32	0.163	1.323	8.116	1654.	37.	3.	768.0	25.6	1
536	0	456	37.8917	88.3910	-531.7	QT-2	6.86	4.13	1.33	0.602	3.105	5.160	1665.	40.	4.	768.0	25.6	1
537	0	448	37.8917	88.3917	-527.5	QT-2	6.73	1.60	0.99	0.238	1.625	6.826	1522.	49.	5.	768.0	25.6	1
538	0	428	37.8917	88.3925	-524.0	QT-2	6.85	1.60	1.39	0.233	1.147	4.911	1569.	32.	5.	767.4	25.6	1
539	0	440	37.8917	88.3932	-520.7	QT-2	8.56	3.94	1.23	0.460	3.206	6.963	1669.	40.	5.	767.4	25.6	1
540	0	452	37.8917	88.3939	-517.2	QT-2	8.32	2.97	1.44	0.357	2.068	5.790	1629.	46.	7.	768.0	25.6	1
541	0	448	37.8917	88.3947	-514.2	QT-2	6.52	2.39	1.19	0.367	2.005	5.467	1660.	41.	9.	768.5	25.6	1
542	0	448	37.8917	88.3955	-511.2	QT-2	9.21	2.94	1.18	0.319	2.482	7.783	1752.	40.	8.	768.5	25.6	1
543	10	440	37.8917	88.3962	-507.5	QT-2	5.62	1.51	1.34	0.0	0.0	4.182	1800.	39.	9.	768.5	25.6	1
544	0	444	37.8917	88.3969	-502.7	QT-2	8.25	2.10	1.46	0.255	1.443	5.665	1811.	41.	9.	768.5	25.6	1
545	10	448	37.8917	88.3976	-499.2	QT-2	9.95	1.33	1.47	0.0	0.0	6.752	1780.	40.	9.	768.0	25.6	1
546	10	452	37.8917	88.3984	-496.0	QT-2	8.42	1.12	1.61	0.0	0.0	5.216	1749.	42.	9.	768.5	25.7	1
547	0	452	37.8917	88.3992	-491.5	QT-2	6.49	2.97	1.54	0.458	1.932	4.216	1915.	44.	7.	769.0	25.7	1
548	0	468	37.8917	88.3999	-489.0	QT-2	7.13	2.60	1.81	0.366	1.440	3.939	1840.	40.	9.	769.0	25.7	1
549	0	472	37.8917	88.4006	-485.2	QT-2	7.11	2.05	1.66	0.288	1.235	4.296	1948.	29.	11.	768.5	25.7	1
550	0	468	37.8917	88.4014	-481.0	QT-2	7.17	2.12	1.45	0.295	1.460	4.946	1847.	30.	11.	767.4	25.7	1
551	10	464	37.8917	88.4021	-476.7	QT-2	8.42	1.41	1.19	0.0	0.0	7.069	1703.	41.	8.	766.4	25.7	1
552	10	464	37.8917	88.4028	-472.5	QT-2	7.93	1.75	1.44	0.0	0.0	5.523	1766.	38.	14.	767.4	25.7	1
553	0	428	37.8917	88.4036	-470.5	QT-2	7.39	2.29	1.30	0.309	1.764	5.701	1484.	40.	10.	768.5	25.8	1
554	0	440	37.8918	88.4044	-466.7	QT-1	6.66	2.12	1.02	0.319	2.080	6.527	1447.	36.	12.	768.0	25.9	1
555	10	468	37.8918	88.4051	-462.5	QT-1	5.77	0.88	1.03	0.0	0.0	5.590	1277.	31.	6.	767.4	25.9	1
556	10	476	37.8917	88.4058	-459.0	QT-1	5.05	0.43	0.62	0.0	0.0	8.108	962.	29.	10.	766.9	25.8	1
557	0	480	37.8918	88.4066	-455.0	QT-1	2.58	1.83	0.20	0.710	9.080	12.793	692.	39.	9.	767.4	25.8	1
558	110	480	37.8918	88.4074	-451.2	QT-1	1.23	0.49	0.21	0.0	0.0	0.0	552.	39.	7.	767.4	25.7	1
559	110	480	37.8918	88.4081	-449.5	QT-1	1.04	1.00	0.33	0.0	0.0	0.0	511.	37.	8.	768.0	25.7	1
560	1	476	37.8918	88.4088	-446.0	QT-1	2.19	1.86	0.08	0.850	0.0	0.0	559.	30.	6.	768.5	25.7	1
561	10	472	37.8918	88.4096	-440.0	QT-1	4.98	-0.15	0.60	0.0	0.0	8.340	831.	40.	9.	768.0	25.7	1
562	10	460	37.8918	88.4103	-438.0	QT-1	5.21	0.09	1.06	0.0	0.0	4.905	1011.	47.	11.	768.5	25.6	1
563	0	428	37.8918	88.4110	-435.0	QT-1	4.45	1.69	0.90	0.380	1.872	4.932	1207.	43.	9.	769.0	25.6	1
564	10	416	37.8917	88.4117	-429.7	QT-1	5.02	0.65	1.11	0.0	0.0	4.523	1366.	35.	11.	769.0	25.6	1
565	0	408	37.8917	88.4126	-426.5	QT-1	6.95	1.91	1.27	0.275	1.501	5.459	1465.	43.	8.	768.0	25.6	1
566	10	416	37.8917	88.4133	-423.5	QT-1	5.16	1.10	1.30	0.0	0.0	3.975	1533.	37.	10.	767.4	25.6	1
567	0	400	37.8917	88.4140	-421.0	QT-1	6.36	2.07	1.21	0.326	1.708	5.237	1532.	38.	9.	768.0	25.6	1
568	0	396	37.8917	88.4147	-416.7	QT-1	7.37	1.84	1.25	0.250	1.476	5.904	1451.	38.	4.	767.4	25.7	1
569	10	404	37.8917	88.4155	-413.5	QT-1	5.52	0.96	1.27	0.0	0.0	4.345	1360.	34.	9.	768.0	25.7	1
570	0	400	37.8917	88.4163	-411.7	QT-1	5.74	2.17	0.98	0.378	2.224	5.884	1458.	33.	8.	768.5	25.7	1
571	0	408	37.8917	88.4170	-408.7	QT-2	6.09	2.72	1.12	0.446	2.420	5.420	1446.	33.	3.	768.5	25.7	1
572	0	412	37.8917	88.4177	-405.0	QT-2	7.61	2.16	1.28	0.284	1.683	5.930	1440.	50.	0.	768.0	25.6	1
573	0	428	37.8917	88.4185	-401.7	QT-2	5.54	4.04	1.11	0.729	3.638	4.992	1477.	42.	5.	767.4	25.6	1
574	0	460	37.8918	88.4192	-398.2	QAL	9.80	1.77	1.63	0.180	1.082	6.004	1688.	42.	6.	768.5	25.6	1
575	0	456	37.8918	88.4199	-395.2	QAL	7.79	3.51	1.48	0.450	2.379	5.280	1796.	30.	2.	769.0	25.6	1
576	0	448	37.8918	88.4207	-392.7	QAL	8.87	2.07	1.64	0.233	1.265	5.423	1769.	39.	6.	767.4	25.6	1
577	0	444	37.8918	88.4215	-388.5	QAL	8.07	3.09	1.49	0.383	2.079	5.423	1760.	40.	4.	767.4	25.6	1
578	0	440	37.8918	88.4222	-385.0	QAL	6.53	3.47	1.32	0.531	2.625	4.940	1654.	48.	4.	768.0	25.6	1
579	0	432	37.8918	88.4229	-381.5	QAL	6.65	4.34	1.27	0.652	3.422	5.249	1623.	44.	2.	768.0	25.6	1
580	10	436	37.8918	88.4237	-378.7	QAL	9.25	1.57	1.41	0.0	0.0	6.557	1692.	41.	8.	768.0	25.7	1
581	0	440	37.8918	88.4245	-375.0	QAL	8.54	3.33	1.55	0.390	2.144	5.492	1648.	37.	3.	768.5	25.7	1
582	0	424	37.8918	88.4252	-374.0	QAL	7.37	1.92	1.55	0.261	1.239	4.753	1602.	41.	8.	768.0	25.8	1
583	10	396	37.8918	88.4259	-372.2	QAL	6.73	0.82	1.07	0.0	0.0	6.307	1458.	34.	11.	768.0	25.7	1

CP9 1P 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	CBS	UAIR	PRESS	TEMP	SYS
584	0	408	37.8918	88.4266	-368.7	QAL	5.44	2.83	0.93	0.520	3.024	5.815	1411.	47.	9.	768.5	25.7	1
585	0	404	37.8918	88.4274	-364.7	QAL	4.89	1.92	1.08	0.392	1.775	4.523	1401.	34.	6.	768.5	25.7	1
586	10	412	37.8918	88.4281	-363.0	QAL	6.92	1.46	1.22	0.0	0.0	5.661	1429.	32.	10.	767.4	25.6	1
587	0	460	37.8918	88.4288	-359.5	QAL	4.64	4.83	0.95	1.040	5.058	4.862	1618.	29.	8.	767.4	25.6	1
588	0	460	37.8918	88.4297	-356.7	QAL	8.42	2.71	1.17	0.322	2.314	7.191	1674.	36.	3.	768.0	25.6	1
589	0	460	37.8918	88.4304	-354.2	QAL	8.25	2.02	1.33	0.245	1.518	6.202	1605.	38.	4.	768.5	25.6	1
590	0	460	37.8918	88.4311	-352.7	PPM	8.68	2.17	1.50	0.250	1.445	5.776	1712.	46.	5.	768.0	25.6	1
591	0	460	37.8918	88.4319	-350.2	PPM	8.97	2.34	1.28	0.261	1.827	7.000	1657.	34.	3.	763.5	25.6	1
592	0	460	37.8918	88.4326	-348.7	QAL	6.49	2.55	1.30	0.392	1.958	4.995	1568.	34.	6.	768.0	25.6	1
593	0	456	37.8918	88.4334	-344.7	QAL	6.79	2.65	1.42	0.390	1.863	4.781	1683.	48.	5.	768.0	25.5	1
594	0	448	37.8918	88.4341	-342.0	QAL	5.30	3.59	1.23	0.677	2.927	4.325	1608.	36.	7.	768.5	25.5	1
595	0	444	37.8918	88.4348	-338.5	QAL	6.01	2.31	1.34	0.384	1.721	4.485	1605.	49.	6.	768.5	25.5	1
596	0	444	37.8918	88.4356	-336.0	QAL	9.92	3.32	1.46	0.335	2.274	6.792	1799.	42.	1.	768.0	25.6	1
597	0	448	37.8918	88.4363	-334.5	QAL	7.66	2.89	1.56	0.377	1.850	4.907	1754.	32.	5.	768.0	25.8	1
598	0	456	37.8918	88.4370	-331.5	QAL	6.68	1.65	1.41	0.247	1.169	4.728	1671.	36.	4.	768.0	25.8	1
599	0	460	37.8918	88.4378	-327.7	QAL	6.24	3.52	1.79	0.564	1.963	3.481	1710.	45.	2.	768.5	25.7	1
600	0	460	37.8918	88.4386	-325.2	QAL	7.90	3.78	1.40	0.479	2.695	5.631	1776.	28.	1.	768.5	25.7	1
601	0	456	37.8918	88.4393	-323.2	QAL	5.43	3.09	1.29	0.568	2.394	4.214	1658.	44.	1.	768.5	25.6	1
602	0	452	37.8918	88.4400	-320.2	QAL	7.92	2.48	1.39	0.313	1.784	5.709	1623.	46.	2.	768.0	25.6	1
603	0	448	37.8918	88.4408	-317.7	QAL	6.74	2.07	1.59	0.307	1.302	4.240	1561.	48.	5.	768.0	25.6	1
604	0	444	37.8918	88.4415	-316.0	QAL	7.50	4.06	1.27	0.541	3.203	5.920	1725.	27.	3.	768.5	25.6	1
605	0	440	37.8918	88.4423	-314.2	QAL	7.15	2.54	1.48	0.356	1.720	4.834	1590.	43.	8.	768.0	25.6	1
606	10	440	37.8918	88.4430	-312.5	QAL	9.20	0.67	1.83	0.0	0.0	5.024	1644.	48.	8.	767.4	25.6	1
607	10	440	37.8918	88.4437	-311.2	QAL	8.06	0.38	1.57	0.0	0.0	5.138	1721.	52.	8.	768.5	25.6	1
608	0	436	37.8918	88.4445	-308.7	QAL	8.38	2.16	1.41	0.258	1.526	5.923	1753.	36.	10.	769.5	25.6	1
609	10	436	37.8918	88.4452	-306.2	QAL	6.97	0.99	1.45	0.0	0.0	4.803	1759.	47.	12.	768.5	25.6	1
610	0	432	37.8918	88.4459	-306.2	QAL	5.06	2.86	1.39	0.565	2.057	3.643	1651.	48.	10.	769.0	25.6	1
611	10	428	37.8918	88.4467	-305.2	QAL	7.23	1.50	1.37	0.0	0.0	5.294	1665.	43.	9.	768.5	25.5	1
612	0	428	37.8918	88.4475	-304.0	QAL	6.58	3.33	1.59	0.506	2.089	4.127	1800.	41.	6.	768.0	25.6	1
613	0	428	37.8918	88.4482	-302.0	QAL	7.83	1.90	1.87	0.243	1.014	4.179	1825.	29.	8.	768.5	25.6	1
614	0	428	37.8918	88.4490	-299.7	QAL	7.76	3.72	1.31	0.479	2.842	5.932	1792.	36.	4.	769.5	25.6	1
615	0	428	37.8918	88.4497	-299.0	QAL	6.45	5.05	1.20	0.783	4.213	5.377	1712.	49.	4.	769.0	25.7	1
616	0	428	37.8918	88.4505	-296.7	QAL	7.40	3.87	1.45	0.522	2.667	5.108	1618.	38.	0.	769.0	25.6	1
617	0	420	37.8918	88.4512	-293.0	QAL	7.61	3.76	1.32	0.493	2.836	5.747	1654.	37.	1.	769.5	25.6	1
618	0	424	37.8918	88.4519	-291.0	QAL	7.65	3.46	1.12	0.453	3.079	6.801	1693.	39.	0.	769.0	25.6	1
619	0	428	37.8918	88.4527	-291.2	QAL	7.03	3.80	1.40	0.540	2.718	5.034	1700.	40.	0.	767.4	25.6	1
620	10	432	37.8918	88.4534	-292.0	QAL	8.86	1.55	1.73	0.0	0.0	5.131	1753.	36.	5.	767.4	25.6	1
621	0	432	37.8918	88.4541	-291.5	QAL	6.74	2.73	1.48	0.404	1.842	4.558	1674.	52.	1.	769.0	25.6	1
622	10	436	37.8919	88.4548	-290.5	QAL	7.71	1.50	1.65	0.0	0.0	4.680	1723.	42.	4.	769.0	25.6	1
623	10	440	37.8919	88.4557	-288.5	QAL	7.25	1.33	1.67	0.0	0.0	4.353	1615.	44.	6.	769.0	25.6	1
624	0	440	37.8918	88.4564	-288.2	QAL	5.60	3.38	1.40	0.603	2.412	3.998	1744.	41.	7.	769.5	25.6	1
625	0	440	37.8918	88.4572	-287.7	QAL	7.49	3.28	1.56	0.438	2.108	4.812	1708.	42.	7.	769.0	25.5	1
626	0	440	37.8918	88.4579	-285.5	QAL	7.55	3.26	1.02	0.432	3.186	7.373	1711.	30.	6.	769.0	25.5	1
627	0	436	37.8918	88.4586	-284.0	QAL	6.89	3.41	1.27	0.495	2.691	5.433	1648.	42.	9.	768.5	25.5	1
628	0	432	37.8918	88.4594	-282.2	QAL	5.19	2.00	1.46	0.385	1.368	3.554	1685.	45.	11.	758.0	25.6	1
629	0	432	37.8918	88.4601	-283.0	QAL	6.34	2.69	1.49	0.425	1.805	4.246	1628.	46.	12.	769.0	25.6	1
630	10	436	37.8918	88.4608	-282.7	QAL	8.53	-0.54	1.70	0.0	0.0	5.022	1741.	30.	12.	770.0	25.7	1
631	10	440	37.8918	88.4616	-284.0	QAL	7.78	0.87	1.41	0.0	0.0	5.505	1635.	48.	10.	769.0	25.8	1
632	0	444	37.8918	88.4623	-283.2	QAL	9.01	2.52	1.37	0.279	1.831	6.560	1674.	27.	9.	768.5	25.8	1
633	0	448	37.8918	88.4630	-283.5	QAL	7.24	3.51	1.32	0.485	2.665	5.501	1720.	40.	9.	768.0	25.9	1
634	0	452	37.8918	88.4638	-282.2	QAL	7.87	3.09	1.59	0.392	1.942	4.947	1795.	31.	5.	768.5	25.9	1
635	0	452	37.8918	88.4646	-281.2	QAL	5.73	3.77	1.27	0.658	2.972	4.514	1802.	32.	5.	769.0	25.9	1
636	10	456	37.8918	88.4653	-281.7	QAL	7.04	1.58	1.65	0.0	0.0	4.267	1666.	46.	9.	768.5	25.9	1

CP9 LP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
637	0	456	37.8918	88.4660	-281.2	QAL	6.22	3.00	1.07	0.483	2.820	5.834	1615.	37.	4.	767.4	25.9	1
638	0	460	37.8918	88.4668	-281.7	QAL	8.53	1.78	1.29	0.209	1.378	6.600	1689.	41.	4.	767.4	25.9	1
639	0	460	37.8918	88.4676	-281.2	QAL	5.76	4.15	1.10	0.720	3.759	5.218	1635.	42.	4.	767.4	25.9	1
640	0	464	37.8918	88.4683	-281.5	QAL	4.11	3.65	1.33	0.886	2.750	3.104	1636.	38.	5.	766.9	26.0	1
641	0	464	37.8919	88.4690	-281.2	QAL	7.21	2.70	1.34	0.375	2.017	5.376	1679.	41.	3.	767.4	25.9	1
642	0	464	37.8919	88.4698	-280.5	QAL	5.86	2.40	1.67	0.409	1.437	3.511	1721.	30.	5.	768.0	25.9	1
643	10	460	37.8919	88.4705	-279.7	QAL	8.75	1.33	1.48	0.0	0.0	5.909	1701.	27.	2.	768.0	25.8	1
644	0	456	37.8919	88.4712	-280.0	QAL	5.91	2.22	1.43	0.376	1.558	4.143	1517.	54.	0.	767.4	25.8	1
645	0	452	37.8919	88.4719	-279.2	QAL	6.63	2.50	1.39	0.377	1.801	4.781	1582.	48.	4.	767.4	25.8	1
646	0	448	37.8919	88.4728	-279.7	QAL	5.33	1.66	1.36	0.312	1.227	3.928	1557.	42.	3.	768.5	25.8	1
647	10	444	37.8919	88.4735	-280.2	QAL	8.91	1.43	1.60	0.0	0.0	5.579	1641.	30.	1.	768.0	25.8	1
648	0	440	37.8919	88.4742	-280.2	QAL	8.45	2.77	1.04	0.327	2.668	8.151	1583.	35.	1.	768.0	25.8	1
649	0	436	37.8919	88.4750	-281.0	QAL	7.47	1.97	1.67	0.264	1.177	4.465	1559.	45.	2.	768.5	25.8	1
650	0	432	37.8919	88.4757	-280.2	QAL	7.04	2.01	1.31	0.285	1.535	5.381	1625.	32.	4.	768.0	25.8	1
651	0	428	37.8919	88.4765	-280.5	QAL	6.36	1.91	1.31	0.301	1.461	4.861	1590.	33.	5.	768.0	25.8	1
652	0	424	37.8919	88.4772	-280.5	QAL	6.69	1.73	1.39	0.258	1.246	4.824	1639.	41.	4.	768.5	25.8	1
653	10	424	37.8918	88.4779	-280.5	QAL	7.43	0.80	1.12	0.0	0.0	6.613	1602.	47.	9.	768.5	25.8	1
654	10	424	37.8918	88.4787	-281.5	QAL	7.69	1.28	1.43	0.0	0.0	5.378	1699.	38.	8.	768.5	25.9	1
655	0	424	37.8918	88.4794	-280.2	QAL	6.51	3.32	1.19	0.510	2.783	5.460	1652.	41.	7.	769.5	25.9	1
656	10	424	37.8918	88.4801	-281.0	QAL	9.03	0.79	1.34	0.0	0.0	6.728	1624.	47.	6.	769.0	25.9	1
657	0	420	37.8918	88.4809	-281.7	QAL	6.19	1.73	1.55	0.279	1.116	4.002	1593.	43.	11.	768.5	26.0	1
658	0	420	37.8918	88.4817	-281.0	QAL	7.06	2.73	1.24	0.387	2.205	5.702	1618.	36.	7.	768.5	25.9	1
659	0	420	37.8918	88.4824	-280.7	QAL	9.20	3.03	1.02	0.330	2.960	8.971	1590.	39.	8.	768.0	25.9	1
660	10	420	37.8919	88.4832	-282.7	QAL	8.10	1.41	1.44	0.0	0.0	5.612	1651.	34.	7.	768.5	25.9	1
661	0	420	37.8919	88.4839	-283.0	QAL	7.22	2.98	1.29	0.413	2.304	5.584	1657.	36.	8.	769.5	25.9	1
662	0	420	37.8919	88.4846	-283.0	QAL	6.69	2.31	1.16	0.345	1.985	5.756	1648.	34.	9.	768.5	25.9	1
663	0	416	37.8919	88.4854	-284.0	QAL	8.79	2.00	1.30	0.228	1.543	6.782	1711.	26.	5.	768.5	25.9	1
664	0	420	37.8919	88.4861	-284.7	QAL	4.95	3.36	1.24	0.679	2.705	3.984	1647.	32.	10.	769.0	26.0	1
665	0	424	37.8919	88.4869	-285.5	QAL	5.72	3.53	1.32	0.616	2.668	4.329	1697.	34.	8.	768.5	26.1	1
666	0	428	37.8919	88.4876	-286.5	QAL	9.32	1.71	1.34	0.183	1.277	6.961	1765.	54.	8.	769.0	26.0	1
667	0	432	37.8919	88.4884	-286.5	QAL	5.18	2.54	1.24	0.490	2.055	4.193	1653.	36.	11.	769.0	26.1	1
668	0	432	37.8919	88.4890	-287.5	QAL	8.73	3.60	1.16	0.412	3.099	7.519	1699.	27.	6.	768.5	26.0	1
669	10	432	37.8919	88.4899	-287.2	QAL	7.17	1.15	1.47	0.0	0.0	4.874	1672.	32.	14.	768.5	26.0	1
670	0	436	37.8919	88.4906	-288.2	QAL	7.97	2.14	1.19	0.269	1.806	6.717	1643.	31.	13.	768.5	26.0	1
671	0	436	37.8919	88.4913	-290.0	QAL	5.45	2.64	1.35	0.484	1.958	4.045	1571.	47.	9.	768.5	25.9	1
672	0	436	37.8919	88.4921	-288.0	QAL	5.55	3.40	1.18	0.613	2.877	4.695	1631.	39.	10.	768.0	25.9	1
673	0	436	37.8919	88.4928	-289.0	QAL	7.05	2.69	1.30	0.382	2.064	5.411	1622.	37.	11.	768.0	25.9	1
674	0	436	37.8919	88.4936	-290.2	QAL	7.52	2.41	1.04	0.321	2.315	7.214	1562.	40.	4.	769.5	25.8	1
675	10	440	37.8919	88.4943	-291.5	QAL	7.19	0.2	1.38	0.0	0.0	5.216	1538.	41.	10.	769.0	25.9	1
676	0	444	37.8919	88.4950	-292.2	QAL	7.05	3.55	1.13	0.504	3.136	6.221	1489.	32.	7.	768.0	26.0	1
677	0	452	37.8919	88.4958	-292.7	QAL	7.99	2.10	1.11	0.263	1.893	7.196	1525.	27.	11.	768.5	26.0	1
678	10	456	37.8919	88.4966	-293.0	QAL	8.50	1.40	0.99	0.0	0.0	8.603	1522.	44.	13.	768.5	25.9	1
679	10	460	37.8919	88.4972	-293.2	QAL	8.07	1.66	1.07	0.0	0.0	7.537	1539.	29.	11.	768.5	25.8	1
680	0	460	37.8919	88.4980	-294.0	QAL	6.07	2.29	1.10	0.378	2.094	5.544	1568.	38.	11.	768.5	25.8	1
681	0	460	37.8919	88.4988	-294.2	QAL	8.46	1.80	1.13	0.213	1.588	7.470	1612.	41.	10.	768.5	25.8	1
682	10	456	37.8919	88.4995	-296.2	QAL	7.03	1.58	1.15	0.0	0.0	6.099	1597.	39.	11.	768.5	25.8	1
683	10	456	37.8919	88.5002	-296.5	QAL	8.62	1.38	1.15	0.0	0.0	7.519	1686.	40.	12.	768.0	25.8	1
684	10	452	37.8919	88.5010	-296.5	QAL	8.34	1.68	1.18	0.0	0.0	7.091	1623.	48.	12.	767.4	25.8	1
685	0	452	37.8919	88.5017	-298.7	QAL	8.65	1.84	1.02	0.213	1.804	8.476	1641.	42.	12.	768.0	25.8	1
686	0	448	37.8919	88.5025	-298.5	QAL	8.10	3.83	1.30	0.473	2.947	6.232	1727.	32.	3.	768.5	25.8	1
687	0	444	37.8919	88.5032	-298.2	QAL	7.87	2.10	1.24	0.267	1.695	6.335	1591.	58.	7.	769.0	25.8	1
688	0	440	37.8919	88.5039	-299.2	QAL	6.78	2.57	1.34	0.380	1.921	5.061	1669.	40.	7.	769.0	25.8	1
689	0	436	37.8919	88.5047	-300.7	PPB	7.23	1.81	1.34	0.250	1.347	5.384	1733.	41.	5.	768.5	25.8	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
690	0	432	37.8919	88.5054	-301.7	PPB	7.74	2.24	1.40	0.289	1.599	5.527	1625.	49.	3.	767.4	25.9	1
691	0	428	37.8919	88.5062	-302.2	PPB	7.31	3.64	1.21	0.498	3.007	6.038	1613.	35.	1.	768.0	25.8	1
692	0	432	37.8919	88.5070	-301.7	PPB	8.78	2.97	1.12	0.338	2.644	7.822	1681.	22.	1.	769.0	25.7	1
693	0	436	37.8919	88.5077	-302.2	PPB	6.33	2.86	1.30	0.452	2.196	4.863	1684.	31.	2.	768.5	25.9	1
694	0	432	37.8919	88.5084	-305.5	PPB	6.57	2.02	1.40	0.307	1.444	4.707	1587.	46.	5.	767.4	25.9	1
695	0	432	37.8919	88.5092	-304.7	PPB	6.44	3.13	1.14	0.487	2.742	5.636	1684.	33.	7.	768.0	25.9	1
696	0	424	37.8919	88.5099	-304.7	PPB	9.42	2.77	1.08	0.294	2.554	8.687	1705.	35.	5.	769.0	25.9	1
697	0	416	37.8919	88.5107	-306.0	PPB	7.28	1.59	1.35	0.219	1.179	5.396	1637.	42.	5.	768.5	25.8	1
698	10	416	37.8919	88.5114	-306.0	PPB	10.80	1.33	1.33	0.0	0.0	8.133	1736.	25.	3.	767.4	25.9	1
699	0	412	37.8919	88.5121	-306.2	PPB	6.29	4.89	1.10	0.778	4.441	5.704	1649.	25.	4.	768.0	25.8	1
700	0	404	37.8919	88.5129	-307.7	PPB	8.68	1.48	1.21	0.171	1.231	7.195	1632.	46.	4.	768.5	25.8	1
701	0	372	37.8919	88.5137	-307.2	PPB	5.60	2.35	0.65	0.419	3.631	8.664	1381.	47.	2.	769.0	25.9	1
702	0	388	37.8919	88.5144	-305.0	PPB	6.40	3.00	0.90	0.470	3.329	7.088	1523.	35.	3.	769.0	25.8	1
703	0	416	37.8919	88.5151	-302.5	PPB	8.22	3.44	0.86	0.419	3.986	9.516	1667.	42.	0.	768.5	25.8	1
704	0	412	37.8919	88.5159	-306.0	PPB	7.21	3.49	1.14	0.484	3.068	6.345	1617.	36.	2.	767.4	25.8	1
705	0	412	37.8919	88.5166	-310.7	PPB	7.95	1.59	1.51	0.201	1.056	5.262	1608.	37.	2.	768.5	25.8	1
706	0	416	37.8919	88.5173	-312.0	PPB	5.22	4.37	1.01	0.837	4.312	5.151	1594.	45.	2.	769.0	25.8	1
707	0	416	37.8919	88.5181	-310.7	PPB	7.92	2.90	0.99	0.366	2.937	8.030	1552.	30.	1.	769.0	25.8	1
708	0	416	37.8919	88.5188	-312.0	PPB	8.60	2.96	0.98	0.344	3.034	8.811	1601.	32.	2.	769.5	25.8	1
709	0	420	37.8919	88.5196	-311.2	QAL	8.39	1.58	1.24	0.189	1.281	6.792	1550.	48.	5.	769.0	25.8	1
710	0	424	37.8919	88.5203	-311.5	QAL	5.75	3.20	1.24	0.556	2.582	4.643	1623.	39.	10.	768.5	25.8	1
711	0	424	37.8919	88.5210	-312.7	QAL	5.55	2.44	1.02	0.439	2.391	5.444	1546.	35.	12.	768.5	25.8	1
712	0	424	37.8919	88.5219	-314.5	QAL	6.98	3.86	1.09	0.552	3.540	6.408	1568.	44.	6.	769.0	25.7	1
713	10	424	37.8919	88.5226	-315.5	QAL	6.61	1.35	1.06	0.0	0.0	6.252	1516.	39.	14.	769.0	25.7	1
714	10	420	37.8919	88.5233	-313.7	PPB	8.24	1.55	1.40	0.0	0.0	5.889	1638.	31.	12.	769.0	25.7	1
715	0	416	37.8919	88.5240	-315.0	PPB	7.15	2.40	1.05	0.336	2.284	6.794	1575.	43.	9.	768.5	25.7	1
716	0	412	37.8919	88.5248	-316.2	PPB	7.66	2.02	1.25	0.263	1.616	6.136	1607.	40.	9.	768.5	25.7	1
717	10	412	37.8919	88.5255	-315.5	PPB	8.38	0.58	1.30	0.0	0.0	6.426	1644.	32.	8.	769.0	25.7	1
718	0	408	37.8919	88.5263	-316.0	PPB	5.76	3.38	1.29	0.587	2.616	4.453	1552.	39.	5.	768.5	25.8	1
719	10	408	37.8919	88.5270	-316.5	PPB	8.57	1.31	1.25	0.0	0.0	6.833	1533.	39.	6.	768.5	25.7	1
720	0	404	37.8919	88.5277	-317.0	PPB	6.03	2.62	1.13	0.434	2.306	5.317	1625.	41.	5.	769.0	25.8	1
721	0	400	37.8919	88.5285	-318.2	PPB	9.61	1.70	1.44	0.177	1.184	6.692	1636.	45.	5.	768.5	25.9	1
722	0	404	37.8919	88.5292	-319.0	PPB	10.89	2.01	1.09	0.185	1.845	9.987	1668.	36.	3.	768.5	26.0	1
723	10	412	37.8919	88.5300	-318.7	PPB	9.00	1.20	0.99	0.0	0.0	9.111	1535.	44.	2.	768.5	26.0	1
724	0	412	37.8919	88.5307	-319.5	PPB	8.07	3.43	0.80	0.425	4.284	10.086	1630.	38.	3.	768.5	25.9	1
725	0	412	37.8919	88.5315	-321.5	QAL	6.92	4.43	0.84	0.640	5.259	8.214	1571.	31.	4.	768.5	25.9	1
726	0	420	37.8919	88.5322	-320.2	QAL	8.55	1.64	1.04	0.192	1.582	8.238	1542.	40.	7.	769.0	25.9	1
727	10	424	37.8919	88.5330	-321.0	QAL	7.67	1.23	1.23	0.0	0.0	6.249	1607.	48.	10.	769.0	25.8	1
728	0	424	37.8919	88.5337	-321.5	QAL	6.78	2.22	1.19	0.328	1.871	5.708	1582.	38.	11.	768.5	25.8	1
729	0	420	37.8919	88.5344	-321.5	QAL	6.17	2.60	1.15	0.422	2.254	5.345	1556.	35.	8.	769.0	25.7	1
730	10	412	37.8919	88.5352	-322.0	PPB	8.97	1.33	1.20	0.0	0.0	7.454	1639.	37.	9.	769.5	25.8	1
731	0	404	37.8919	88.5359	-322.0	PPB	8.64	2.69	1.07	0.312	2.517	8.079	1728.	29.	7.	769.5	25.7	1
732	0	392	37.8919	88.5367	-321.5	PPB	7.74	5.16	0.81	0.666	6.388	9.592	1733.	35.	4.	769.0	25.7	1
733	0	388	37.8919	88.5374	-321.7	PPB	7.80	2.83	1.14	0.363	2.483	6.838	1681.	43.	6.	769.0	25.7	1
734	0	384	37.8919	88.5381	-321.7	PPB	6.87	3.19	1.05	0.465	3.042	6.546	1640.	29.	6.	769.0	25.7	1
735	0	384	37.8919	88.5389	-323.7	PPB	8.04	2.56	1.27	0.319	2.010	6.308	1630.	50.	6.	768.5	25.7	1
736	0	380	37.8919	88.5397	-324.2	PPB	8.21	1.63	1.32	0.199	1.239	6.240	1624.	43.	5.	769.0	25.7	1
737	0	376	37.8919	88.5404	-324.7	PPB	7.88	3.21	1.14	0.407	2.811	6.903	1593.	39.	0.	769.0	25.7	1
738	0	372	37.8919	88.5411	-324.0	PPB	8.84	1.89	1.03	0.214	1.838	8.606	1503.	52.	7.	768.5	25.7	1
739	0	372	37.8919	88.5419	-321.7	PPB	8.95	2.37	1.16	0.264	2.049	7.749	1685.	25.	4.	769.0	25.7	1
740	0	376	37.8919	88.5426	-323.0	PPB	6.74	3.17	1.17	0.470	2.702	5.748	1583.	31.	4.	769.5	25.7	1
741	0	376	37.8919	88.5434	-325.0	PPB	7.00	2.92	1.11	0.417	2.621	6.284	1608.	32.	5.	769.0	25.7	1
742	0	380	37.8919	88.5441	-326.0	PPB	4.93	2.28	0.99	0.462	2.314	5.006	1528.	41.	8.	768.0	25.8	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
743	0	388	37.8919	88.5448	-327.0	PPB	5.88	5.20	1.07	0.885	4.876	5.512	1611.	29.	6.	768.0	25.8	1
744	0	388	37.8919	88.5456	-327.7	PPB	7.53	2.64	1.17	0.351	2.264	6.460	1555.	42.	7.	768.0	25.9	1
745	0	392	37.8919	88.5463	-326.7	PPB	10.39	2.55	1.26	0.246	2.029	8.258	1665.	32.	6.	767.4	25.9	1
746	0	388	37.8919	88.5470	-326.2	PPB	8.94	1.64	0.88	0.184	1.868	10.182	1634.	31.	10.	767.4	25.8	1
747	0	392	37.8919	88.5477	-325.2	PPB	6.93	2.73	1.24	0.394	2.200	5.586	1597.	40.	6.	767.4	25.8	1
748	0	400	37.8919	88.5485	-323.0	PPB	5.41	3.41	0.74	0.630	4.589	7.282	1445.	37.	7.	768.0	25.8	1
749	10	404	37.8919	88.5492	-324.5	PPB	7.70	0.91	1.18	0.0	0.0	6.534	1519.	42.	10.	768.0	25.8	1
750	0	420	37.8919	88.5499	-328.7	PPB	7.45	2.74	1.07	0.368	2.567	6.980	1488.	51.	6.	767.4	25.8	1
751	0	428	37.8919	88.5507	-326.7	PPB	6.75	3.57	0.78	0.529	4.568	8.630	1465.	44.	6.	767.4	25.8	1
752	10	424	37.8919	88.5514	-327.5	PPB	8.39	1.41	1.04	0.0	0.0	8.051	1536.	42.	10.	767.4	25.8	1
753	0	420	37.8919	88.5521	-329.2	PPB	6.13	3.28	1.00	0.535	3.276	6.121	1596.	41.	6.	768.0	25.8	1
754	10	412	37.8919	88.5528	-328.5	PPB	8.52	0.40	1.14	0.0	0.0	7.480	1545.	39.	9.	768.0	25.7	1
755	10	404	37.8919	88.5536	-329.0	PPB	8.29	1.01	1.00	0.0	0.0	8.318	1597.	42.	12.	767.4	25.7	1
756	10	400	37.8919	88.5543	-331.0	PPB	7.12	1.53	1.24	0.0	0.0	5.759	1589.	37.	12.	767.4	25.9	1
757	0	408	37.8918	88.5550	-329.7	PPB	7.72	2.62	0.88	0.340	2.997	8.820	1575.	31.	7.	766.9	25.9	1
758	10	424	37.8918	88.5557	-330.2	PPB	6.38	1.07	1.21	0.0	0.0	5.291	1496.	24.	12.	766.9	26.0	1
759	10	392	37.8918	88.5565	-333.0	PPB	7.60	0.90	0.98	0.0	0.0	7.769	1406.	39.	9.	767.4	26.1	1
760	10	360	37.8918	88.5572	-330.2	PPB	5.51	1.10	1.02	0.0	0.0	5.405	1299.	48.	6.	767.4	26.1	1
761	0	356	37.8918	88.5579	-331.5	PPB	6.86	1.92	0.75	0.280	2.570	9.165	1362.	34.	9.	767.4	26.0	1
762	0	368	37.8918	88.5586	-333.0	PPB	6.91	2.28	0.79	0.329	2.864	8.698	1414.	31.	8.	767.4	26.0	1
763	0	368	37.8918	88.5594	-332.0	PPB	6.67	3.77	0.75	0.565	5.052	8.942	1377.	45.	8.	768.0	26.0	1
764	0	360	37.8918	88.5601	-333.5	PPB	6.44	2.08	1.11	0.323	1.879	5.817	1357.	44.	10.	768.0	26.0	1
765	0	408	37.8918	88.5608	-335.5	PPB	5.65	2.63	0.91	0.466	2.909	6.238	1536.	38.	10.	767.4	25.9	1
766	0	408	37.8918	88.5615	-333.7	PPB	8.80	1.87	1.12	0.212	1.667	7.849	1567.	24.	9.	766.9	25.9	1
767	0	404	37.8918	88.5623	-334.0	PPB	6.41	4.54	0.92	0.708	4.915	6.947	1581.	28.	9.	767.4	25.9	1
768	0	404	37.8918	88.5630	-335.5	PPB	7.45	2.07	1.21	0.278	1.717	6.182	1557.	36.	10.	767.4	25.9	1
769	0	400	37.8918	88.5637	-336.2	PPB	6.55	2.71	0.98	0.413	2.748	6.647	1516.	32.	12.	767.4	25.9	1
770	0	400	37.8918	88.5644	-337.7	PPB	7.97	2.78	0.90	0.349	3.091	8.866	1592.	42.	6.	766.9	26.0	1
771	0	404	37.8918	88.5652	-338.5	PPB	10.09	2.32	0.69	0.230	3.359	14.627	1573.	49.	6.	767.4	25.9	1
772	0	404	37.8917	88.5659	-338.2	PPB	6.94	3.55	1.07	0.512	3.316	6.473	1525.	43.	5.	767.4	25.9	1
773	0	404	37.8917	88.5667	-339.2	PPB	6.81	2.12	0.89	0.312	2.395	7.682	1466.	45.	9.	766.9	25.9	1
774	0	400	37.8917	88.5674	-340.7	PPB	7.04	2.12	0.97	0.301	2.174	7.224	1510.	39.	9.	767.4	25.9	1
775	0	400	37.8917	88.5681	-341.5	PPB	5.73	1.59	0.94	0.277	1.683	6.077	1504.	48.	12.	767.4	25.8	1
776	0	400	37.8917	88.5688	-341.7	PPB	5.14	2.14	0.98	0.416	2.179	5.234	1517.	30.	13.	767.4	25.9	1
777	0	400	37.8917	88.5696	-340.5	PPB	7.67	1.92	1.34	0.251	1.435	5.729	1566.	36.	14.	767.4	25.9	1
778	10	404	37.8917	88.5703	-340.2	PPB	6.52	1.00	1.11	0.0	0.0	5.854	1470.	40.	15.	767.4	25.8	1
779	0	404	37.8917	88.5710	-342.5	PPB	7.39	1.80	0.84	0.243	2.131	8.759	1465.	39.	11.	767.4	25.8	1
780	0	408	37.8917	88.5717	-344.5	PPB	8.06	1.94	1.15	0.240	1.686	7.016	1474.	38.	9.	768.5	25.8	1
781	0	408	37.8917	88.5725	-344.2	PPB	7.44	2.64	1.07	0.354	2.453	6.920	1501.	46.	6.	769.0	25.8	1
782	0	408	37.8917	88.5732	-345.2	PPB	6.63	1.89	1.14	0.285	1.647	5.788	1458.	39.	4.	768.5	25.8	1
783	0	408	37.8917	88.5739	-347.0	PPB	6.72	3.37	1.04	0.502	3.247	6.470	1538.	50.	2.	768.0	25.7	1
784	0	408	37.8917	88.5746	-345.7	PPB	7.04	2.48	1.10	0.353	2.264	6.415	1436.	45.	4.	768.5	25.7	1
785	10	404	37.8917	88.5754	-347.0	PPB	8.11	1.44	0.91	0.0	0.0	8.879	1493.	29.	5.	768.5	25.7	1
786	0	404	37.8916	88.5761	-349.2	PPB	7.38	3.60	0.96	0.488	3.746	7.680	1430.	37.	2.	769.0	25.8	1
787	0	404	37.8917	88.5768	-349.5	PPB	9.02	2.83	0.63	0.314	4.467	14.227	1487.	38.	1.	769.5	25.9	1
788	0	404	37.8917	88.5776	-350.7	PPB	5.97	2.53	1.17	0.425	2.159	5.084	1445.	45.	2.	768.5	25.9	1
789	0	396	37.8917	88.5783	-353.0	QAL	3.86	3.19	1.22	0.826	2.622	3.175	1508.	47.	8.	767.4	25.8	1
790	10	388	37.8917	88.5790	-352.2	QAL	9.33	0.73	1.16	0.0	0.0	8.056	1552.	29.	8.	768.0	25.8	1
791	0	388	37.8917	88.5797	-353.0	QAL	7.19	1.70	1.04	0.236	1.627	6.884	1545.	48.	8.	768.5	25.9	1
792	10	392	37.8917	88.5805	-353.0	QAL	5.85	1.20	1.24	0.0	0.0	4.714	1562.	40.	15.	769.0	25.8	1
793	0	392	37.8916	88.5812	-355.7	QAL	5.08	2.42	1.01	0.476	2.381	5.006	1480.	37.	15.	769.0	25.9	1
794	0	396	37.8916	88.5819	-357.2	QAL	7.00	1.75	0.96	0.251	1.822	7.273	1459.	33.	11.	768.5	25.9	1
795	0	400	37.8916	88.5826	-357.2	QAL	7.31	3.03	0.88	0.414	3.454	8.345	1454.	37.	7.	768.5	25.8	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
796	10	404	37.8916	88.5834	-358.2	QAL	9.21	0.17	1.03	0.0	0.0	8.910	1509.	37.	9.	768.0	25.8	1
797	0	400	37.8916	88.5841	-360.0	PPB	4.98	3.19	0.93	0.642	3.434	5.354	1445.	37.	7.	767.4	25.8	1
798	0	400	37.8916	88.5848	-360.0	PPB	6.68	2.35	0.76	0.352	3.099	8.815	1543.	36.	10.	768.5	25.7	1
799	0	396	37.8916	88.5855	-361.5	PPB	6.61	2.99	0.99	0.452	3.027	6.695	1588.	36.	6.	768.0	25.8	1
800	0	400	37.8916	88.5863	-362.5	PPB	6.90	2.88	0.80	0.417	3.604	8.635	1517.	38.	5.	766.9	25.9	1
801	0	400	37.8916	88.5870	-363.7	PPB	9.17	2.07	1.05	0.226	1.969	8.731	1611.	43.	7.	768.5	25.9	1
802	0	400	37.8916	88.5877	-364.5	PPB	6.91	2.09	0.96	0.302	2.180	7.212	1513.	47.	6.	769.0	25.8	1
803	0	396	37.8916	88.5885	-364.7	PPB	7.55	2.51	1.32	0.333	1.897	5.700	1722.	33.	8.	768.0	25.8	1
804	10	388	37.8916	88.5892	-364.5	PPB	8.30	0.55	1.52	0.0	0.0	5.442	1659.	39.	12.	768.5	25.7	1
805	0	376	37.8916	88.5899	-364.5	PPB	7.85	1.90	1.33	0.242	1.432	5.919	1670.	28.	10.	768.5	25.7	1
806	0	372	37.8916	88.5907	-365.7	PPB	7.14	2.12	1.10	0.297	1.924	6.485	1573.	39.	10.	767.4	25.7	1
807	0	368	37.8916	88.5914	-367.2	PPB	7.12	2.45	1.11	0.345	2.215	6.424	1589.	42.	10.	767.4	25.6	1
808	0	364	37.8915	88.5921	-369.2	PPB	6.88	1.97	1.12	0.286	1.762	6.162	1511.	48.	7.	768.0	25.6	1
809	0	360	37.8915	88.5928	-369.2	PPB	9.29	1.66	1.03	0.179	1.618	9.044	1538.	43.	8.	769.5	25.6	1
810	0	360	37.8915	88.5936	-371.0	PPB	8.41	3.94	0.91	0.469	4.341	9.256	1725.	32.	6.	769.5	25.6	1
811	0	356	37.8915	88.5943	-372.2	PPB	6.49	2.17	1.16	0.335	1.880	5.609	1561.	42.	7.	768.0	25.6	1
812	0	356	37.8915	88.5950	-373.0	PPB	8.10	3.08	1.04	0.380	2.947	7.760	1630.	45.	7.	768.5	25.7	1
813	0	364	37.8915	88.5957	-373.7	PPB	6.04	3.21	1.34	0.531	2.394	4.508	1656.	32.	8.	769.5	25.7	1
814	0	372	37.8915	88.5965	-375.0	PPB	6.49	2.56	1.08	0.395	2.370	6.000	1623.	42.	8.	768.5	25.7	1
815	0	380	37.8915	88.5972	-376.7	PPB	9.34	2.20	1.01	0.235	2.172	9.239	1617.	33.	8.	767.4	25.7	1
816	0	388	37.8915	88.5979	-379.2	PPB	6.07	3.18	1.13	0.525	2.822	5.379	1515.	41.	11.	768.5	25.7	1
817	0	380	37.8915	88.5986	-380.2	PPB	9.23	2.77	0.88	0.300	3.138	10.443	1559.	36.	7.	768.5	25.7	1
818	0	372	37.8915	88.5994	-380.7	PPB	5.94	2.64	1.16	0.444	2.281	5.139	1509.	39.	12.	768.0	25.7	1
819	0	372	37.8915	88.6001	-381.0	PPB	5.49	2.27	1.10	0.413	2.068	5.002	1501.	43.	13.	768.5	25.7	1
820	0	364	37.8915	88.6008	-379.2	PPB	5.68	2.78	1.16	0.489	2.397	4.900	1520.	43.	12.	769.5	25.6	1
821	10	364	37.8915	88.6015	-380.7	PPB	6.67	1.29	0.93	0.0	0.0	7.133	1476.	52.	11.	769.0	25.6	1
822	0	364	37.8915	88.6023	-382.7	PPB	7.97	2.47	0.90	0.309	2.738	8.848	1551.	44.	11.	767.4	25.6	1
823	0	372	37.8914	88.6030	-384.0	PPB	6.42	3.35	1.01	0.522	3.304	6.334	1627.	43.	7.	767.4	25.6	1
824	10	364	37.8914	88.6037	-384.2	PPB	6.98	1.18	1.34	0.0	0.0	5.203	1552.	31.	10.	768.5	25.7	1
825	0	368	37.8914	88.6045	-384.5	PPB	6.80	3.27	1.09	0.480	2.992	6.230	1494.	43.	8.	768.5	25.8	1
826	0	384	37.8914	88.6052	-385.2	PPB	7.44	1.79	0.90	0.241	1.985	8.229	1532.	41.	4.	768.0	25.9	1
827	10	384	37.8914	88.6059	-388.2	PPB	6.54	0.71	1.20	0.0	0.0	5.455	1509.	39.	9.	767.4	25.8	1
828	0	376	37.8914	88.6066	-390.0	PPB	6.58	2.07	1.01	0.315	2.060	6.543	1618.	35.	6.	766.9	25.8	1
829	0	380	37.8914	88.6074	-389.0	PPB	6.09	2.58	1.02	0.423	2.531	5.982	1522.	39.	8.	767.4	25.8	1
830	0	376	37.8914	88.6081	-390.7	PPB	7.66	2.04	1.31	0.267	1.558	5.836	1623.	45.	5.	767.4	25.8	1
831	0	372	37.8914	88.6088	-391.5	PPB	8.46	2.71	1.22	0.320	2.219	6.925	1646.	27.	9.	768.0	25.8	1
832	0	372	37.8914	88.6095	-393.2	PPB	7.31	2.93	1.15	0.401	2.544	6.343	1601.	43.	6.	768.0	25.8	1
833	0	368	37.8914	88.6102	-394.7	PPB	7.64	2.09	1.18	0.274	1.774	6.477	1695.	26.	5.	767.4	25.7	1
834	0	360	37.8914	88.6110	-393.5	PPB	7.28	3.72	0.75	0.511	4.972	9.728	1630.	26.	6.	767.4	25.7	1
835	0	364	37.8914	88.6117	-395.0	PPB	8.59	2.09	1.17	0.244	1.782	7.318	1660.	39.	4.	768.0	25.7	1
836	0	368	37.8914	88.6125	-396.7	PPB	6.25	3.28	1.16	0.524	2.832	5.404	1564.	50.	8.	768.5	25.7	1
837	0	368	37.8914	88.6132	-397.5	PPB	7.60	3.70	1.27	0.487	2.921	5.997	1622.	28.	7.	768.0	25.6	1
838	10	372	37.8914	88.6139	-398.2	PPB	8.68	1.15	1.11	0.0	0.0	7.836	1542.	50.	8.	768.0	25.6	1
839	10	368	37.8914	88.6146	-398.5	PPB	6.31	0.99	1.42	0.0	0.0	4.453	1551.	39.	12.	768.5	25.6	1
840	0	348	37.8914	88.6154	-399.2	PPB	6.00	3.48	1.12	0.580	3.108	5.363	1502.	43.	7.	768.5	25.6	1
841	0	344	37.8914	88.6161	-399.7	PPB	6.24	2.46	1.03	0.395	2.392	6.059	1517.	45.	9.	768.5	25.6	1
842	0	336	37.8914	88.6168	-401.0	PPB	8.49	2.52	1.07	0.297	2.349	7.920	1687.	26.	6.	768.5	25.6	1
843	0	320	37.8914	88.6176	-401.2	PPB	6.31	2.49	1.25	0.395	1.994	5.051	1654.	42.	11.	769.0	25.6	1
844	0	312	37.8913	88.6183	-400.7	PPB	9.74	1.78	1.10	0.183	1.626	8.876	1658.	44.	7.	768.0	25.7	1
845	0	316	37.8913	88.6190	-402.0	PPB	9.19	2.60	1.13	0.283	2.307	8.155	1691.	35.	6.	767.4	25.7	1
846	0	332	37.8913	88.6197	-403.2	PPB	6.66	2.19	1.33	0.329	1.642	4.994	1530.	40.	5.	768.5	25.7	1
847	0	348	37.8913	88.6205	-404.7	PPB	6.10	3.10	1.24	0.507	2.488	4.904	1607.	40.	4.	769.0	25.7	1
848	0	368	37.8913	88.6212	-405.0	PPB	7.51	2.04	1.40	0.272	1.465	5.383	1559.	40.	3.	768.0	25.6	1

CP 9 1P 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
849	0	372	37.8913	88.6219	-405.7	PPB	6.50	3.34	0.90	0.513	3.716	7.245	1457.	40.	2.	766.9	25.6	1
850	0	388	37.8913	88.6226	-405.7	PPB	5.57	2.92	1.21	0.525	2.420	4.612	1476.	41.	5.	766.4	25.6	1
851	0	396	37.8913	88.6234	-407.2	PPB	7.75	2.26	0.82	0.291	2.742	9.407	1437.	40.	4.	766.4	25.6	1
852	0	396	37.8913	88.6241	-408.2	PPB	7.38	3.89	0.99	0.527	3.943	7.482	1528.	45.	2.	766.4	25.6	1
853	0	400	37.8913	88.6248	-409.7	PPB	5.95	2.30	1.06	0.386	2.156	5.591	1551.	44.	3.	767.4	25.5	1
854	0	396	37.8913	88.6255	-410.2	PPB	9.93	2.36	1.00	0.238	2.366	9.962	1568.	31.	2.	766.9	25.5	1
855	0	388	37.8913	88.6263	-411.5	PPB	6.95	4.44	1.10	0.639	4.025	6.303	1591.	44.	3.	765.9	25.4	1
856	0	380	37.8913	88.6270	-412.0	PPB	6.24	5.40	0.95	0.866	5.693	6.573	1471.	43.	1.	765.9	25.4	1
857	0	380	37.8913	88.6277	-412.7	PPB	5.85	2.82	1.28	0.482	2.204	4.575	1561.	38.	1.	766.4	25.4	1
858	0	384	37.8913	88.6284	-413.7	PPB	6.47	2.40	1.10	0.371	2.176	5.864	1457.	51.	5.	766.4	25.2	1
859	0	392	37.8912	88.6292	-415.2	PPB	6.15	3.49	0.82	0.568	4.269	7.519	1486.	31.	5.	765.9	25.4	1
860	0	396	37.8912	88.6299	-417.0	PPB	7.78	2.23	1.36	0.286	1.640	5.730	1578.	52.	0.	765.9	25.4	1
861	0	392	37.8912	88.6306	-415.7	PPB	7.97	3.50	0.94	0.439	3.735	8.505	1578.	35.	4.	765.9	25.4	1
862	0	388	37.8912	88.6313	-415.5	PPB	6.42	4.15	1.02	0.645	4.072	6.308	1519.	37.	0.	765.9	25.5	1
863	0	388	37.8912	88.6320	-416.5	PPB	5.75	2.86	1.19	0.497	2.403	4.830	1542.	46.	7.	766.4	25.5	1
864	0	392	37.8912	88.6328	-419.0	PPB	6.47	2.25	0.98	0.347	2.291	6.597	1475.	54.	8.	766.4	25.5	1
865	10	396	37.8912	88.6336	-420.2	PPB	6.81	0.90	1.08	0.0	0.0	6.298	1458.	44.	11.	765.4	25.5	1
866	10	404	37.8912	88.6343	-421.2	PPB	6.45	1.24	1.24	0.0	0.0	5.215	1506.	37.	13.	765.4	25.5	1
867	0	404	37.8912	88.6350	-422.5	PPB	6.06	3.45	1.01	0.569	3.403	5.978	1569.	48.	11.	766.4	25.4	1
868	10	400	37.8912	88.6357	-423.0	PPB	9.65	0.80	1.01	0.0	0.0	9.564	1629.	43.	13.	766.4	25.4	1
869	0	392	37.8912	88.6365	-424.2	PPB	6.32	3.13	0.81	0.495	3.841	7.765	1583.	59.	12.	766.4	25.3	1
870	0	388	37.8912	88.6372	-426.0	PPB	8.43	3.01	0.93	0.357	3.233	9.044	1592.	30.	10.	765.9	25.3	1
871	10	388	37.8912	88.6379	-426.0	PPB	6.70	1.42	1.13	0.0	0.0	5.909	1504.	36.	13.	765.9	25.3	1
872	0	388	37.8912	88.6386	-426.2	PPB	6.07	1.67	1.02	0.276	1.644	5.960	1507.	45.	11.	766.4	25.4	1
873	10	384	37.8912	88.6394	-427.0	PPB	7.32	1.16	1.41	0.0	0.0	5.196	1562.	53.	10.	766.4	25.3	1
874	0	380	37.8911	88.6401	-426.5	PPB	6.90	1.79	0.84	0.260	2.128	8.198	1485.	29.	9.	766.4	25.3	1
875	0	376	37.8911	88.6408	-429.2	PPB	9.01	2.19	1.00	0.243	2.185	8.979	1526.	38.	8.	766.9	25.3	1
876	0	376	37.8911	88.6415	-432.0	PPB	5.50	2.44	1.46	0.445	1.669	3.753	1466.	39.	5.	766.9	25.3	1
877	0	376	37.8911	88.6423	-431.5	PPB	8.13	1.90	0.97	0.234	1.952	8.349	1519.	35.	5.	765.9	25.3	1
878	0	368	37.8911	88.6430	-434.0	PPB	6.58	4.72	0.97	0.718	4.888	6.805	1603.	37.	0.	766.4	25.3	1
879	0	360	37.8911	88.6437	-435.2	PPB	7.65	2.64	1.21	0.345	2.187	6.340	1619.	28.	1.	767.4	25.3	1
880	0	356	37.8911	88.6444	-434.0	PPB	7.38	3.24	1.11	0.439	2.913	6.638	1695.	35.	4.	767.4	25.3	1
881	0	348	37.8911	88.6452	-433.5	PPB	6.46	4.93	0.95	0.764	5.177	6.779	1624.	52.	0.	767.4	25.3	1
882	0	348	37.8911	88.6459	-437.0	PPB	7.40	2.76	1.20	0.373	2.307	6.185	1646.	47.	0.	767.4	25.3	1
883	0	348	37.8911	88.6466	-436.2	PPB	10.08	1.93	0.89	0.192	2.179	11.374	1609.	25.	3.	766.9	25.3	1
884	0	348	37.8911	88.6474	-438.0	PPB	7.38	2.23	1.19	0.302	1.883	6.230	1547.	36.	2.	766.9	25.3	1
885	0	352	37.8911	88.6481	-439.7	PPB	8.75	2.07	1.05	0.236	1.976	8.369	1624.	36.	2.	767.4	25.4	1
886	0	348	37.8911	88.6488	-438.5	PPB	6.34	3.53	1.03	0.557	3.425	6.146	1591.	35.	3.	766.9	25.3	1
887	0	348	37.8911	88.6495	-438.7	PPB	8.38	3.04	0.98	0.363	3.115	8.587	1590.	25.	5.	766.9	25.3	1
888	0	356	37.8911	88.6502	-441.5	PPB	7.78	2.26	0.96	0.291	2.365	8.126	1527.	38.	8.	767.4	25.4	1
889	0	368	37.8911	88.6510	-442.5	PPB	7.38	2.68	1.34	0.363	2.008	5.531	1603.	46.	6.	767.4	25.3	1
890	0	368	37.8911	88.6517	-443.7	PPB	8.83	3.13	1.03	0.354	3.032	8.561	1700.	29.	9.	766.9	25.3	1
891	0	372	37.8911	88.6524	-445.0	PPB	6.32	1.88	1.03	0.298	1.823	6.119	1515.	46.	11.	766.9	25.3	1
892	0	380	37.8911	88.6532	-444.2	PPB	7.57	2.89	1.05	0.382	2.756	7.210	1657.	34.	7.	766.9	25.4	1
893	10	380	37.8911	88.6539	-446.0	PPB	8.03	0.97	0.92	0.0	0.0	8.697	1581.	39.	9.	766.4	25.3	1
894	0	376	37.8911	88.6547	-447.2	PPB	9.63	2.86	1.03	0.297	2.790	9.389	1616.	41.	6.	766.9	25.2	1
895	0	380	37.8910	88.6554	-449.0	PPB	5.51	3.68	1.02	0.667	3.610	5.412	1659.	44.	7.	766.9	25.3	1
896	0	380	37.8910	88.6561	-451.0	PPB	7.98	2.05	1.09	0.257	1.887	7.355	1567.	43.	11.	766.4	25.3	1
897	0	380	37.8910	88.6568	-449.7	PPB	7.67	4.20	0.99	0.548	4.264	7.780	1602.	52.	7.	766.9	25.3	1
898	0	380	37.8910	88.6576	-449.0	PPB	8.00	2.05	1.19	0.257	1.727	6.728	1612.	37.	8.	768.0	25.3	1
899	0	384	37.8910	88.6583	-450.0	PPB	7.59	1.92	1.31	0.253	1.470	5.804	1582.	49.	4.	766.9	25.2	1
900	0	392	37.8910	88.6590	-452.2	PPB	6.44	1.54	1.12	0.238	1.375	5.767	1578.	40.	6.	766.9	25.2	1
901	0	396	37.8910	88.6597	-454.5	PPB	7.48	3.31	1.08	0.443	3.073	6.940	1579.	36.	6.	768.5	25.2	1

CP9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
902	0	404	37.8910	88.6605	-454.2	PPB	7.03	1.84	1.08	0.262	1.700	6.486	1565.	44.	7.	767.4	25.2	1
903	10	404	37.8910	88.6612	-455.0	PPB	8.52	1.29	1.20	0.0	0.0	7.118	1636.	32.	8.	765.9	25.2	1
904	10	412	37.8910	88.6619	-455.7	PPB	8.82	1.42	1.06	0.0	0.0	8.317	1547.	37.	9.	766.9	25.2	1
905	0	420	37.8910	88.6626	-456.5	PPB	7.11	3.23	0.89	0.454	3.639	8.018	1653.	30.	9.	766.9	25.3	1
906	10	428	37.8910	88.6634	-457.5	PPB	8.19	1.23	1.04	0.0	0.0	7.908	1588.	40.	11.	765.4	25.3	1
907	0	436	37.8910	88.6641	-459.2	PPB	7.35	3.95	1.10	0.537	3.599	6.705	1615.	33.	10.	765.4	25.4	1
908	10	452	37.8910	88.6648	-460.7	PPB	7.74	1.18	1.36	0.0	0.0	5.674	1591.	41.	10.	765.9	25.4	1
909	0	460	37.8910	88.6655	-460.5	PPB	7.71	4.48	1.04	0.581	4.316	7.428	1578.	37.	7.	765.4	25.4	1
910	0	468	37.8909	88.6662	-462.2	PPB	6.63	2.78	1.17	0.418	2.363	5.647	1502.	45.	8.	765.4	25.4	1
911	10	472	37.8909	88.6670	-464.7	PPB	7.88	1.22	1.13	0.0	0.0	6.989	1553.	33.	9.	765.4	25.4	1
912	10	472	37.8909	88.6677	-463.5	PPB	7.80	0.92	1.35	0.0	0.0	5.782	1523.	47.	4.	765.4	25.4	1
913	0	476	37.8909	88.6684	-465.0	PPB	7.59	2.61	1.16	0.343	2.256	6.571	1616.	38.	5.	765.4	25.4	1
914	0	476	37.8909	88.6692	-465.5	PPB	7.63	3.77	1.08	0.494	3.494	7.075	1623.	41.	3.	766.4	25.3	1
915	0	472	37.8909	88.6699	-466.5	PPB	8.90	3.13	0.90	0.352	3.482	9.902	1618.	43.	1.	765.4	25.3	1
916	0	464	37.8909	88.6706	-466.7	PPB	6.48	3.90	1.08	0.601	3.614	6.014	1563.	41.	3.	764.3	25.3	1
917	0	464	37.8909	88.6713	-467.2	PPB	6.77	3.00	1.04	0.443	2.888	6.514	1535.	44.	6.	764.9	25.2	1
918	0	468	37.8909	88.6720	-468.2	PPB	7.31	3.24	1.07	0.443	3.033	6.848	1706.	29.	4.	764.9	25.3	1
919	0	476	37.8909	88.6727	-468.2	PPB	7.25	2.74	1.52	0.378	1.804	4.775	1665.	43.	8.	764.9	25.4	1
920	10	488	37.8909	88.6735	-470.0	PPB	7.46	0.01	1.18	0.0	0.0	6.296	1708.	34.	12.	764.9	25.4	1
921	0	492	37.8909	88.6742	-468.5	PPB	5.81	4.34	0.92	0.747	4.716	6.312	1523.	35.	8.	764.3	25.4	1
922	0	496	37.8909	88.6750	-467.0	PPB	7.94	2.10	1.23	0.264	1.710	6.467	1581.	41.	11.	763.8	25.4	1
923	10	504	37.8909	88.6757	-464.2	QAL	8.00	1.39	1.28	0.0	0.0	6.262	1617.	37.	13.	764.3	25.4	1
924	0	504	37.8909	88.6764	-467.0	QAL	6.58	2.27	1.15	0.345	1.974	5.722	1584.	36.	11.	765.4	25.4	1
925	10	504	37.8908	88.6772	-468.5	QAL	9.20	1.55	1.14	0.0	0.0	8.037	1553.	36.	13.	765.4	25.4	1
926	0	508	37.8907	88.6779	-469.5	QAL	7.08	3.10	0.87	0.438	3.569	8.155	1564.	37.	12.	765.4	25.4	1
927	10	508	37.8907	88.6787	-469.2	QAL	7.76	1.77	1.14	0.0	0.0	6.780	1638.	34.	13.	764.9	25.4	1
928	10	508	37.8907	88.6794	-471.0	QAL	6.82	1.68	1.02	0.0	0.0	6.661	1564.	36.	11.	764.3	25.4	1
929	0	508	37.8907	88.6802	-471.5	QAL	6.55	1.97	1.18	0.301	1.667	5.542	1585.	32.	12.	764.9	25.4	1
930	10	504	37.8907	88.6810	-472.5	QAL	7.85	1.21	1.11	0.0	0.0	7.048	1498.	47.	5.	764.9	25.4	1
931	10	496	37.8907	88.6817	-473.7	QAL	5.65	1.66	1.02	0.0	0.0	5.519	1445.	37.	9.	764.9	25.4	1
932	0	476	37.8906	88.6825	-474.7	QAL	6.97	5.07	0.87	0.727	5.811	7.991	1439.	27.	5.	764.9	25.4	1
933	0	472	37.8906	88.6832	-474.2	QAL	7.25	2.69	0.95	0.371	2.839	7.652	1451.	41.	7.	764.3	25.4	1
934	0	504	37.8905	88.6840	-475.5	QAL	5.30	3.29	0.93	0.621	3.549	5.712	1503.	37.	6.	764.3	25.5	1
935	0	504	37.8905	88.6848	-475.7	QAL	6.87	3.66	0.74	0.532	4.935	9.273	1544.	45.	2.	764.9	25.4	1
936	0	504	37.8905	88.6855	-476.0	PPB	9.11	2.19	0.95	0.240	2.305	9.598	1580.	34.	9.	764.9	25.4	1
937	10	500	37.8905	88.6863	-476.2	PPB	11.24	1.33	0.99	0.0	0.0	11.306	1653.	31.	10.	765.4	25.4	1
938	10	496	37.8904	88.6870	-476.0	PPB	8.16	0.51	1.45	0.0	0.0	5.630	1593.	49.	14.	765.4	25.4	1
939	0	492	37.8904	88.6879	-476.0	PPB	6.97	2.82	1.13	0.404	2.489	6.162	1611.	40.	14.	765.4	25.5	1
940	10	484	37.8904	88.6886	-477.5	PPB	7.20	1.75	1.38	0.0	0.0	5.203	1670.	37.	16.	764.9	25.4	1
941	10	484	37.8904	88.6894	-480.0	PPB	6.86	1.14	1.21	0.0	0.0	5.680	1624.	39.	15.	764.3	25.3	1
942	0	488	37.8903	88.6901	-478.5	PPB	6.54	1.94	0.95	0.296	2.037	6.876	1599.	37.	13.	764.9	25.4	1
943	10	480	37.8903	88.6908	-477.7	PPB	7.62	1.55	1.12	0.0	0.0	6.811	1628.	38.	16.	765.9	25.5	1
944	0	480	37.8903	88.6916	-475.2	PPB	6.52	2.31	1.36	0.354	1.702	4.810	1668.	27.	12.	764.9	25.4	1
945	10	480	37.8902	88.6923	-474.5	PPB	8.88	1.39	1.18	0.0	0.0	7.524	1601.	43.	11.	763.8	25.4	1
946	0	472	37.8902	88.6931	-477.7	PPB	7.85	2.49	1.29	0.317	1.922	6.070	1620.	43.	10.	764.3	25.3	1
947	0	464	37.8902	88.6938	-479.0	PPB	7.78	2.06	1.27	0.265	1.622	6.125	1640.	43.	10.	764.3	25.4	1
948	0	456	37.8902	88.6947	-477.7	PPB	9.37	2.08	1.21	0.222	1.724	7.761	1676.	38.	12.	764.3	25.4	1
949	10	448	37.8901	88.6954	-479.0	PPB	8.42	0.51	1.49	0.0	0.0	5.672	1714.	38.	11.	764.9	25.5	1
950	0	440	37.8901	88.6962	-477.5	PPB	8.88	1.66	1.12	0.187	1.484	7.942	1666.	39.	5.	764.9	25.6	1
951	10	440	37.8900	88.6969	-479.7	PPB	9.18	1.53	0.93	0.0	0.0	9.896	1654.	38.	9.	764.9	25.6	1
952	0	440	37.8900	88.6977	-480.5	PPB	6.82	2.11	1.16	0.309	1.823	5.903	1610.	44.	9.	764.3	25.5	1
953	10	440	37.8900	88.6984	-480.0	PPB	8.49	1.58	1.34	0.0	0.0	6.332	1581.	34.	7.	764.3	25.5	1
954	0	452	37.8900	88.6992	-479.7	PPB	6.98	1.94	1.15	0.278	1.684	6.052	1620.	43.	10.	764.9	25.5	1

CP 9 1P 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
955	0	468	37.8899	88.6999	-480.7	PPB	9.14	2.85	0.81	0.312	3.517	11.260	1681.	27.	9.	764.3	25.5	1
956	0	472	37.8899	88.7007	-480.2	PPB	8.93	3.88	0.8	0.434	4.778	11.009	1629.	34.	10.	764.3	25.5	1
957	10	468	37.8899	88.7014	-480.2	PPB	9.71	0.71	1.31	0.0	0.0	7.430	1680.	36.	14.	764.3	25.5	1
958	10	468	37.8899	88.7023	-482.5	PPB	8.25	1.78	1.27	0.0	0.0	6.491	1644.	45.	14.	763.8	25.4	1
959	10	460	37.8898	88.7030	-485.0	QAL	8.18	1.52	1.21	0.0	0.0	6.768	1561.	39.	11.	763.8	25.4	1
960	10	468	37.8898	88.7037	-483.5	QAL	7.21	1.21	1.10	0.0	0.0	6.539	1644.	30.	11.	764.3	25.3	1
961	0	476	37.8898	88.7045	-484.5	QAL	7.05	2.24	1.26	0.317	1.783	5.617	1598.	31.	10.	764.3	25.3	1
962	10	480	37.8897	88.7052	-485.7	QAL	8.24	0.29	1.38	0.0	0.0	5.964	1509.	39.	11.	763.8	25.3	1
963	0	480	37.8897	88.7060	-484.7	QAL	7.32	1.73	1.15	0.236	1.502	6.362	1593.	31.	9.	763.8	25.4	1
964	0	484	37.8897	88.7067	-485.7	QAL	6.36	2.14	1.08	0.337	1.980	5.880	1561.	57.	8.	764.3	25.4	1
965	0	472	37.8897	88.7076	-485.0	QAL	6.47	4.05	0.89	0.626	4.550	7.269	1548.	35.	5.	764.3	25.4	1
966	0	480	37.8896	88.7083	-483.7	PPB	10.29	2.20	0.66	0.214	3.319	15.535	1533.	45.	6.	763.8	25.3	1
967	10	500	37.8896	88.7090	-484.5	PPB	8.40	1.25	1.23	0.0	0.0	6.802	1520.	44.	4.	763.8	25.3	1
968	0	496	37.8896	88.7098	-484.7	PPB	7.14	3.37	1.23	0.472	2.735	5.799	1558.	39.	1.	764.3	25.4	1
969	0	500	37.8896	88.7106	-483.5	PPB	9.91	3.38	1.00	0.341	3.367	9.887	1681.	42.	0.	764.9	25.3	1
970	0	488	37.8895	88.7113	-484.7	PPB	5.89	3.37	1.12	0.572	3.016	5.273	1657.	39.	0.	764.9	25.3	1
971	0	472	37.8895	88.7121	-484.7	PPB	7.41	2.89	1.06	0.390	2.724	6.985	1562.	49.	3.	764.9	25.4	1
972	0	472	37.8895	88.7128	-482.2	PPB	8.76	5.30	0.98	0.605	5.430	8.976	1626.	34.	2.	765.4	25.4	1
973	0	464	37.8895	88.7136	-482.2	PPB	6.24	2.76	0.90	0.442	3.055	6.909	1617.	33.	5.	765.9	25.3	1
974	0	464	37.8894	88.7144	-482.5	PPB	6.86	4.28	0.80	0.624	5.373	8.607	1580.	35.	5.	764.9	25.3	1
975	10	448	37.8894	88.7152	-482.5	PPB	5.61	1.40	1.08	0.0	0.0	5.192	1589.	41.	12.	764.9	25.3	1
976	0	440	37.8893	88.7159	-482.2	PPB	8.70	3.35	0.85	0.385	3.925	10.199	1549.	40.	8.	765.4	25.3	1
977	0	428	37.8893	88.7166	-481.2	PPB	6.94	4.60	1.31	0.663	3.516	5.304	1664.	38.	8.	764.3	25.2	1
978	0	428	37.8893	88.7174	-479.7	PPB	6.41	3.53	1.10	0.551	3.210	5.828	1619.	31.	5.	764.9	25.3	1
979	0	424	37.8892	88.7181	-478.5	PPB	8.50	3.33	0.90	0.392	3.711	9.465	1590.	46.	4.	765.9	25.3	1
980	0	428	37.8892	88.7189	-479.2	PPB	7.85	2.33	0.95	0.297	2.460	8.287	1551.	41.	6.	764.9	25.2	1
981	0	432	37.8892	88.7196	-479.7	PPB	7.27	5.17	0.90	0.710	5.760	8.110	1598.	39.	1.	764.9	25.3	1
982	0	436	37.8892	88.7205	-478.2	PPB	8.29	4.11	0.81	0.496	5.092	10.260	1523.	41.	3.	764.9	25.4	1
983	0	440	37.8891	88.7212	-477.2	PPB	9.00	4.02	0.90	0.447	4.493	10.044	1558.	48.	0.	764.9	25.3	1
984	0	448	37.8891	88.7220	-478.2	PPB	5.56	3.10	1.07	0.558	2.900	5.201	1514.	46.	7.	765.4	25.4	1
985	0	460	37.8891	88.7227	-477.7	PPB	9.51	2.95	0.78	0.311	3.774	12.141	1566.	42.	7.	764.9	25.3	1
986	0	468	37.8891	88.7235	-477.0	PPB	5.73	1.71	1.04	0.299	1.642	5.493	1558.	30.	8.	764.9	25.3	1
987	10	468	37.8890	88.7242	-474.7	PPB	10.20	1.74	1.11	0.0	0.0	9.174	1553.	42.	6.	764.9	25.3	1
988	0	472	37.8890	88.7250	-474.0	PPB	9.15	2.49	0.97	0.272	2.580	9.472	1664.	38.	9.	764.9	25.3	1
989	10	476	37.8890	88.7258	-473.2	PPB	6.25	1.47	0.98	0.0	0.0	6.379	1566.	46.	13.	764.9	25.3	1
990	0	476	37.8890	88.7265	-473.2	PPB	6.40	3.91	0.95	0.611	4.125	6.754	1528.	40.	11.	764.9	25.3	1
991	0	472	37.8889	88.7272	-471.0	PPB	8.79	2.23	1.01	0.254	2.207	8.690	1619.	25.	13.	764.3	25.2	1
992	10	468	37.8889	88.7280	-469.5	PPB	9.53	0.51	1.19	0.0	0.0	7.997	1562.	46.	10.	764.3	25.3	1
993	0	468	37.8889	88.7288	-470.0	PPB	7.84	1.96	1.14	0.250	1.715	6.857	1704.	35.	14.	764.9	25.4	1
994	0	464	37.8889	88.7296	-469.0	PPB	5.10	3.16	1.28	0.620	2.479	3.999	1643.	34.	13.	764.3	25.4	1
995	0	464	37.8888	88.7303	-468.2	PPB	8.60	3.13	1.23	0.364	2.548	6.996	1643.	39.	10.	764.3	25.4	1
996	0	464	37.8887	88.7310	-468.2	PPB	8.04	2.33	0.90	0.290	2.586	8.929	1650.	37.	13.	764.9	25.4	1
997	0	472	37.8887	88.7318	-467.7	PPB	6.10	1.99	1.20	0.326	1.661	5.094	1553.	49.	11.	764.9	25.4	1
998	0	484	37.8887	88.7325	-470.0	PPB	4.31	1.84	1.42	0.426	1.289	3.027	1495.	47.	10.	764.3	25.4	1
999	0	484	37.8887	88.7334	-471.7	PPB	5.65	2.09	1.25	0.370	1.672	4.515	1696.	44.	14.	764.9	25.3	1
1000	0	476	37.8886	88.7341	-471.2	PPB	6.33	2.70	0.94	0.426	2.868	6.727	1464.	54.	8.	765.4	25.3	1
1001	10	468	37.8886	88.7349	-471.0	PPB	7.63	0.42	1.31	0.0	0.0	5.829	1567.	35.	10.	764.9	25.2	1
1002	0	460	37.8886	88.7356	-469.0	PPB	9.36	2.93	1.10	0.313	2.656	8.493	1628.	40.	8.	765.4	25.2	1
1003	0	448	37.8886	88.7364	-465.2	PPB	8.29	3.18	1.06	0.384	3.009	7.841	1612.	43.	6.	764.9	25.2	1
1004	0	432	37.8885	88.7371	-466.2	PPB	6.86	4.43	1.13	0.647	3.926	6.071	1646.	39.	4.	765.4	25.2	1
1005	0	424	37.8885	88.7379	-467.2	PPB	7.20	2.45	1.29	0.340	1.899	5.578	1602.	38.	8.	765.4	25.2	1
1006	0	420	37.8885	88.7387	-466.5	PPB	6.99	2.04	1.41	0.292	1.449	4.956	1670.	34.	7.	765.4	25.2	1
1007	0	416	37.8885	88.7394	-464.2	PPB	7.57	2.18	1.10	0.288	1.977	6.864	1562.	45.	9.	765.4	25.2	1

COPY 1 OF 12
COPY 1 OF 12

* TAGS *				* LOCATION *			REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1008	0	408	37.8884	88.7401	-463.5	PPB	6.51	3.89	1.15	0.598	3.379	5.653	1587.	22.	4.	766.4	25.2	1
1009	0	404	37.8884	88.7409	-462.0	PPB	7.63	1.92	1.02	0.252	1.894	7.511	1538.	35.	9.	765.4	25.2	1
1010	0	408	37.8884	88.7417	-461.2	PPB	5.05	2.34	1.15	0.463	2.025	4.372	1472.	34.	6.	765.4	25.2	1
1011	0	424	37.8884	88.7425	-460.5	PPB	6.70	2.36	1.07	0.353	2.201	6.238	1415.	47.	7.	766.4	25.2	1
1012	0	424	37.8883	88.7432	-460.0	PPB	5.68	2.12	1.32	0.373	1.607	4.308	1439.	45.	10.	765.4	25.2	1
1013	0	424	37.8882	88.7439	-460.2	PPB	6.21	3.06	1.02	0.493	3.010	6.110	1513.	46.	8.	765.4	25.2	1
1014	0	404	37.8882	88.7447	-458.2	PPB	7.47	2.20	0.83	0.294	2.647	9.007	1390.	34.	6.	766.4	25.2	1
1015	0	372	37.8882	88.7454	-456.7	PPB	5.71	2.81	0.97	0.493	2.915	5.914	1289.	36.	7.	765.9	25.2	1
1016	0	376	37.8882	88.7462	-456.0	PPB	4.27	2.73	0.75	0.639	3.615	5.657	1331.	41.	9.	765.9	25.2	1
1017	0	416	37.8881	88.7470	-454.5	PPB	3.71	4.44	0.82	1.196	5.411	4.523	1437.	50.	5.	766.4	25.2	1
1018	0	416	37.8881	88.7478	-454.0	PPB	7.67	2.16	1.07	0.282	2.027	7.198	1454.	40.	7.	765.4	25.2	1
1019	10	420	37.8881	88.7485	-452.5	PPB	6.24	1.29	1.14	0.0	0.0	5.463	1381.	43.	4.	764.9	25.1	1
1020	0	420	37.8881	88.7493	-450.0	PPB	7.15	3.45	0.87	0.483	3.967	8.208	1476.	35.	4.	765.9	25.1	1
1021	0	400	37.8880	88.7500	-449.5	PPB	8.54	3.37	0.91	0.395	3.721	9.431	1442.	33.	3.	765.9	25.2	1
1022	0	404	37.8880	88.7508	-449.2	PPB	6.82	2.74	1.14	0.402	2.407	5.986	1474.	44.	3.	764.9	25.2	1
1023	0	408	37.8880	88.7515	-448.7	PPB	6.33	3.34	0.85	0.527	3.909	7.411	1537.	32.	5.	765.9	25.1	1
1024	0	392	37.8880	88.7523	-448.0	PPB	8.46	1.94	0.70	0.229	2.764	12.076	1401.	44.	3.	765.9	25.2	1
1025	0	404	37.8879	88.7531	-445.5	PPB	7.05	2.61	1.09	0.370	2.408	6.501	1438.	31.	7.	765.9	25.2	1
1026	0	396	37.8879	88.7539	-443.2	PPB	4.61	2.48	0.78	0.539	3.179	5.898	1411.	41.	9.	766.4	25.2	1
1027	0	420	37.8878	88.7545	-444.0	PPB	6.98	2.57	0.91	0.368	2.824	7.679	1471.	31.	8.	765.4	25.2	1
1028	0	428	37.8879	88.7554	-443.0	PPB	9.11	2.92	0.79	0.321	3.699	11.539	1533.	50.	5.	765.4	25.3	1
1029	10	428	37.8878	88.7561	-441.5	PPB	5.42	1.15	1.31	0.0	0.0	4.137	1453.	43.	13.	766.4	25.3	1
1030	10	428	37.8877	88.7568	-441.5	PPB	7.59	0.31	1.21	0.0	0.0	6.267	1487.	35.	11.	765.4	25.3	1
1031	0	436	37.8877	88.7576	-439.5	PPB	7.16	2.97	0.99	0.415	3.007	7.238	1481.	40.	7.	764.9	25.3	1
1032	0	432	37.8877	88.7583	-438.7	PPB	5.26	3.64	0.76	0.692	4.773	6.899	1389.	29.	8.	766.4	25.3	1
1033	0	428	37.8877	88.7592	-437.5	PPB	8.37	1.86	1.12	0.222	1.657	7.448	1507.	39.	5.	765.9	25.2	1
1034	10	420	37.8876	88.7599	-435.2	PPB	6.67	1.23	0.97	0.0	0.0	6.900	1400.	42.	10.	764.9	25.2	1
1035	0	412	37.8876	88.7607	-433.2	PPB	5.26	4.01	1.12	0.764	3.586	4.696	1543.	26.	7.	765.9	25.1	1
1036	0	412	37.8876	88.7614	-433.5	PPB	7.43	2.24	1.06	0.301	2.107	6.993	1544.	34.	7.	765.9	25.1	1
1037	10	416	37.8876	88.7622	-433.0	PPB	8.64	1.05	1.18	0.0	0.0	7.311	1530.	32.	13.	765.9	25.1	1
1038	10	416	37.8875	88.7629	-431.0	PPB	7.04	1.56	1.19	0.0	0.0	5.894	1518.	34.	14.	765.9	25.1	1
1039	0	420	37.8875	88.7637	-431.5	PPB	5.09	1.81	0.77	0.356	2.364	6.639	1466.	44.	12.	765.4	25.1	1
1040	0	424	37.8875	88.7644	-432.0	PPB	7.64	2.41	0.99	0.316	2.430	7.693	1572.	40.	4.	765.9	25.2	1
1041	0	428	37.8875	88.7652	-429.7	PPB	4.92	2.12	1.07	0.430	1.987	4.617	1583.	34.	10.	765.9	25.2	1
1042	0	432	37.8874	88.7660	-429.0	PPB	5.21	3.91	0.85	0.750	4.595	6.128	1532.	46.	3.	764.9	25.2	1
1043	0	436	37.8874	88.7667	-428.0	QAL	9.16	2.40	1.18	0.262	2.042	7.795	1587.	34.	3.	764.9	25.2	1
1044	0	440	37.8874	88.7674	-425.5	QAL	7.30	3.28	1.06	0.449	3.081	6.862	1525.	37.	0.	765.4	25.2	1
1045	0	444	37.8874	88.7683	-425.0	QAL	6.99	2.98	0.91	0.426	3.269	7.664	1485.	39.	0.	764.9	25.2	1
1046	0	448	37.8873	88.7690	-423.2	QAL	5.69	3.51	1.23	0.616	2.859	4.640	1516.	41.	0.	765.4	25.2	1
1047	0	444	37.8873	88.7698	-422.7	QAL	7.21	3.12	1.08	0.432	2.876	6.655	1611.	38.	0.	765.4	25.2	1
1048	0	468	37.8872	88.7705	-421.0	QAL	5.09	3.14	1.03	0.617	3.038	4.920	1350.	48.	2.	765.4	25.2	1
1049	10	468	37.8872	88.7712	-420.0	QAL	8.75	0.56	1.21	0.0	0.0	7.258	1467.	38.	4.	765.4	25.1	1
1050	0	408	37.8872	88.7720	-419.5	QAL	8.20	2.25	0.74	0.274	3.030	11.060	1355.	45.	4.	764.9	25.1	1
1051	10	396	37.8871	88.7728	-419.2	QAL	5.90	0.05	0.96	0.0	0.0	6.136	1231.	45.	4.	764.9	25.1	1
1052	0	400	37.8871	88.7736	-419.0	PPB	8.32	1.82	1.07	0.218	1.696	7.774	1423.	29.	2.	765.4	25.1	1
1053	0	412	37.8871	88.7743	-416.0	PPB	6.49	3.48	1.12	0.536	3.115	5.813	1546.	33.	4.	765.4	25.1	1
1054	0	416	37.8871	88.7751	-415.0	PPB	7.98	3.82	1.04	0.478	3.660	7.651	1570.	43.	3.	766.9	25.2	1
1055	0	412	37.8870	88.7758	-415.5	PPB	4.91	3.25	1.09	0.661	2.982	4.511	1567.	32.	4.	768.0	25.1	1
1056	0	408	37.8870	88.7766	-414.2	PPB	7.63	3.90	1.00	0.511	3.896	7.619	1576.	33.	1.	766.9	25.2	1
1057	0	408	37.8870	88.7773	-411.5	PPB	7.84	1.83	1.18	0.233	1.549	6.651	1528.	44.	3.	765.9	25.1	1
1058	0	408	37.8870	88.7781	-410.2	PPB	6.69	2.13	0.98	0.318	2.172	6.839	1434.	48.	3.	765.9	25.1	1
1059	0	412	37.8869	88.7789	-410.5	PPB	6.27	3.57	1.10	0.569	3.233	5.681	1353.	39.	1.	765.4	25.1	1
1060	0	412	37.8869	88.7796	-408.2	PPB	3.94	4.44	1.06	1.127	4.198	3.725	1393.	45.	4.	765.9	25.2	1

CP 6 IP 12

* TAGS *			* LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1061	0	412	37.8863	88.7803	-406.5	PPB	6.08	3.52	0.98	0.579	3.592	6.207	1417.	32.	4.	765.9	25.2	1
1062	0	420	37.8869	88.7812	-407.0	PPB	7.40	2.57	1.09	0.347	2.347	6.769	1510.	33.	4.	765.9	25.3	1
1063	0	436	37.8868	88.7819	-404.5	PPB	6.48	2.82	1.11	0.436	2.538	5.824	1559.	49.	7.	765.9	25.4	1
1064	0	440	37.8868	88.7827	-402.7	PPB	6.97	1.68	1.23	0.240	1.363	5.672	1447.	40.	7.	764.9	25.5	1
1065	0	436	37.8867	88.7834	-402.2	PPB	9.24	2.53	1.06	0.274	2.397	8.740	1603.	29.	8.	764.9	25.4	1
1066	0	432	37.8867	88.7841	-401.5	PPB	7.72	2.25	1.29	0.292	1.746	5.987	1531.	48.	6.	765.9	25.5	1
1067	0	432	37.8867	88.7849	-398.2	PPB	8.47	4.40	0.98	0.519	4.493	8.654	1616.	36.	4.	765.4	25.4	1
1068	0	428	37.8866	88.7857	-398.7	PPB	8.07	2.87	1.19	0.355	2.409	6.777	1608.	42.	6.	764.3	25.4	1
1069	0	432	37.8866	88.7865	-397.2	PPB	6.10	3.13	0.94	0.514	3.332	6.486	1619.	35.	6.	764.9	25.4	1
1070	10	436	37.8866	88.7872	-394.2	PPB	8.75	1.13	1.29	0.0	0.0	6.777	1508.	41.	11.	765.4	25.4	1
1071	0	436	37.8866	88.7880	-393.5	PPB	6.43	2.97	1.39	0.462	2.139	4.627	1598.	43.	8.	764.9	25.3	1
1072	10	432	37.8865	88.7887	-392.2	PPB	7.22	1.52	1.21	0.0	0.0	5.986	1547.	44.	9.	764.3	25.3	1
1073	0	432	37.8865	88.7895	-391.2	PPB	6.58	2.52	0.92	0.384	2.756	7.182	1535.	35.	10.	765.4	25.3	1
1074	0	436	37.8865	88.7902	-390.7	PPB	9.93	3.01	0.82	0.303	3.645	12.040	1586.	41.	5.	765.4	25.3	1
1075	10	440	37.8865	88.7910	-390.0	PPB	7.07	1.38	1.34	0.0	0.0	5.259	1640.	29.	9.	765.4	25.3	1
1076	0	440	37.8864	88.7918	-388.7	PPB	6.93	1.67	1.29	0.241	1.289	5.360	1557.	36.	6.	765.4	25.3	1
1077	10	448	37.8864	88.7925	-386.7	PPB	9.88	1.36	1.21	0.0	0.0	8.184	1579.	34.	7.	764.9	25.3	1
1078	0	452	37.8864	88.7933	-387.7	PPB	7.53	2.31	0.86	0.307	2.702	8.791	1605.	40.	9.	764.9	25.4	1
1079	0	456	37.8864	88.7941	-386.2	PPB	8.50	2.17	1.07	0.255	2.019	7.917	1577.	42.	8.	765.4	25.4	1
1080	0	456	37.8863	88.7948	-382.5	PPB	7.75	3.32	0.92	0.428	3.603	8.423	1555.	38.	3.	764.9	25.5	1
1081	0	448	37.8863	88.7956	-379.0	PPB	7.29	2.23	1.10	0.306	2.038	6.660	1507.	34.	7.	764.9	25.4	1
1082	0	452	37.8862	88.7963	-380.0	PPB	8.82	3.39	1.13	0.385	3.014	7.835	1584.	44.	6.	765.4	25.4	1
1083	0	452	37.8862	88.7971	-378.2	PPB	8.35	1.73	0.99	0.207	1.751	8.457	1551.	34.	6.	764.9	25.5	1
1084	10	440	37.8862	88.7978	-376.2	PPB	7.45	0.94	1.08	0.0	0.0	6.898	1418.	33.	10.	764.3	25.6	1
1085	10	444	37.8861	88.7986	-375.5	PPB	7.90	1.40	1.31	0.0	0.0	6.011	1518.	34.	8.	764.9	25.7	1
1086	10	464	37.8861	88.7994	-373.2	PPB	8.43	1.45	1.02	0.0	0.0	8.274	1489.	32.	7.	764.3	25.7	1
1087	0	464	37.8861	88.8001	-373.0	PPB	6.04	2.62	1.00	0.434	2.624	6.046	1490.	59.	9.	764.9	25.7	1
1088	0	464	37.8861	88.8009	-370.5	PPB	4.67	4.01	0.75	0.859	5.330	6.207	1446.	58.	8.	764.3	25.7	1
1089	0	468	37.8860	88.8016	-368.2	PPB	6.04	2.55	1.09	0.422	2.341	5.543	480.	41.	10.	764.9	25.6	1
1090	10	468	37.8860	88.8024	-366.5	QAL	8.92	0.82	1.11	0.0	0.0	8.055	434.	35.	9.	764.9	25.6	1
1091	0	472	37.8860	88.8031	-364.0	QAL	7.90	2.63	0.83	0.332	3.167	9.526	1424.	34.	7.	764.3	25.6	1
1092	10	444	37.8860	88.8039	-362.0	QAL	4.39	1.28	0.81	0.0	0.0	5.394	1274.	46.	7.	764.9	25.6	1
1093	10	436	37.8859	88.8047	-360.2	QAL	5.65	1.44	0.99	0.0	0.0	5.715	1074.	32.	8.	766.4	25.6	1
1094	10	452	37.8859	88.8054	-358.2	QAL	3.42	0.36	0.65	0.0	0.0	5.263	854.	50.	9.	765.4	25.6	1
1095	10	476	37.8858	88.8062	-356.2	QAL	1.66	0.20	0.36	0.0	0.0	4.600	551.	47.	9.	764.3	25.5	1
1096	111	476	37.8858	88.8070	-356.0	QAL	0.73	-0.97	0.15	0.0	0.0	0.0	271.	55.	10.	763.8	25.6	1
1097	111	472	37.8858	88.8077	-353.7	QAL	-0.00	1.22	0.12	0.0	0.0	0.0	288.	46.	7.	764.9	25.5	1
1098	1	472	37.8858	88.8085	-352.0	PPB	1.70	2.11	0.14	1.240	0.0	0.0	514.	34.	4.	765.9	25.5	1
1099	0	436	37.8857	88.8092	-349.7	PPB	3.08	1.58	0.35	0.513	4.520	8.808	719.	31.	5.	765.4	25.5	1
1100	0	424	37.8857	88.8100	-348.2	PPB	5.01	1.99	0.51	0.397	3.866	9.749	823.	48.	2.	763.8	25.6	1
1101	0	464	37.8857	88.8107	-346.7	PPB	5.48	3.77	0.61	0.688	6.216	9.034	1046.	33.	1.	764.3	25.6	1
1102	10	452	37.8857	88.8116	-344.2	PPB	6.99	0.36	0.70	0.0	0.0	9.986	1127.	35.	2.	764.9	25.6	1
1103	0	460	37.8857	88.8123	-342.5	PPB	6.13	2.47	0.77	0.403	3.195	7.927	1299.	45.	0.	764.9	25.6	1
1104	0	464	37.8858	88.8131	-340.2	PPB	4.99	3.51	0.92	0.705	3.811	5.407	1314.	35.	1.	764.9	25.6	1
1105	0	436	37.8858	88.8139	-339.2	PPB	6.32	2.96	0.70	0.469	4.228	9.021	1384.	29.	0.	764.3	25.6	1
1106	0	428	37.8858	88.8147	-336.5	PPB	6.01	2.16	0.89	0.360	2.430	6.758	1321.	48.	0.	763.8	25.6	1
1107	0	448	37.8858	88.8154	-333.7	PPB	7.33	2.11	0.89	0.288	2.379	8.258	1456.	41.	4.	764.3	25.6	1
1108	0	480	37.8858	88.8162	-331.2	PPB	6.62	3.18	1.10	0.481	2.885	6.001	1573.	36.	6.	764.3	25.6	1
1109	0	476	37.8859	88.8170	-329.0	PPB	6.94	2.00	1.17	0.287	1.705	5.933	1610.	38.	6.	763.8	25.6	1
1110	0	468	37.8859	88.8178	-327.5	PPB	7.04	3.19	1.07	0.453	2.983	6.588	1685.	33.	5.	763.8	25.6	1
1111	10	464	37.8859	88.8185	-325.7	PPB	9.29	1.68	1.23	0.0	0.0	7.542	1621.	42.	10.	764.3	25.6	1
1112	0	448	37.8859	88.8194	-323.0	PPB	8.32	2.46	1.04	0.296	2.369	8.005	1554.	44.	9.	764.3	25.4	1
1113	0	436	37.8859	88.8202	-322.0	PPB	6.47	3.19	1.22	0.493	2.610	5.291	1559.	33.	7.	764.3	25.5	1

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FLIGHT LINE 2 DAY 177 REDUCED DATA TEX-KENT 1979 PADUCAH PAGE NO 75

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1114	0	460	37.8859	88.8209	-321.0	PPB	10.99	3.16	1.16	0.287	2.727	9.492	1707.	33.	2.	764.3	25.5	1
1115	0	448	37.8859	88.8218	-317.7	PPB	5.26	4.50	1.30	0.856	3.456	4.038	1568.	41.	4.	763.8	25.6	1
1116	0	448	37.8860	88.8225	-316.0	PPB	4.37	4.35	1.07	0.996	4.061	4.078	1568.	46.	4.	764.3	25.7	1
1117	0	444	37.8860	88.8233	-315.7	PPB	7.18	3.38	1.27	0.470	2.662	5.660	1663.	36.	2.	764.3	25.7	1
1118	0	448	37.8860	88.8241	-315.2	PPB	7.68	2.46	1.35	0.320	1.822	5.697	1584.	47.	0.	764.3	25.7	1
1119	0	452	37.8860	88.8249	-313.2	PPB	7.06	3.88	0.89	0.549	4.359	7.937	1669.	44.	0.	764.3	25.6	1
1120	0	464	37.8860	88.8257	-310.0	QAL	8.31	2.98	1.24	0.358	2.396	6.688	1671.	21.	0.	764.3	25.6	1
1121	0	468	37.8860	88.8265	-308.0	QAL	6.63	1.95	1.19	0.294	1.632	5.554	1549.	42.	1.	764.3	25.7	1
1122	0	472	37.8860	88.8272	-305.7	QAL	9.12	2.73	1.09	0.300	2.517	8.399	1583.	40.	2.	764.9	25.7	1
1123	0	464	37.8860	88.8280	-301.7	PPB	8.91	2.35	1.16	0.263	2.026	7.692	1679.	37.	6.	764.9	25.6	1
1124	0	448	37.8861	88.8288	-301.0	PPB	8.28	1.80	1.29	0.217	1.393	6.413	1576.	34.	6.	764.3	25.6	1
1125	0	436	37.8861	88.8296	-300.5	PPB	8.82	2.55	1.13	0.289	2.259	7.821	1572.	42.	7.	764.9	25.6	1
1126	0	432	37.8861	88.8304	-297.7	PPB	8.66	1.71	1.34	0.197	1.275	6.461	1621.	42.	7.	765.4	25.6	1
1127	0	420	37.8861	88.8311	-294.7	PPB	8.04	2.65	1.24	0.329	2.145	6.510	1639.	39.	4.	764.9	25.6	1
1128	0	408	37.8862	88.8319	-295.0	PPB	9.16	2.84	1.02	0.310	2.787	8.994	1693.	39.	8.	764.3	25.7	1
1129	0	404	37.8862	88.8327	-292.7	PPB	9.50	3.93	1.20	0.414	3.284	7.935	1697.	29.	7.	764.9	25.7	1
1130	0	404	37.8862	88.8335	-289.7	PPB	5.55	4.54	0.86	0.819	5.301	6.473	1611.	42.	4.	764.9	25.7	1
1131	10	408	37.8862	88.8343	-287.5	PPB	9.01	1.42	1.33	0.0	0.0	6.755	1586.	36.	8.	763.8	25.7	1
1132	0	416	37.8862	88.8351	-286.7	PPB	6.61	1.86	1.19	0.282	1.568	5.569	1501.	32.	12.	764.3	25.7	1
1133	0	420	37.8862	88.8358	-284.5	PPB	8.53	3.31	0.97	0.388	3.409	8.791	1711.	34.	7.	764.9	25.8	1
1134	0	428	37.8862	88.8366	-280.5	PPB	7.62	2.58	1.40	0.339	1.838	5.428	1729.	27.	8.	764.9	25.8	1
1135	0	432	37.8862	88.8374	-278.0	PPB	8.62	4.31	0.79	0.500	5.442	10.876	1668.	41.	8.	765.4	25.7	1
1136	0	432	37.8863	88.8382	-277.7	PPB	7.60	2.68	1.12	0.353	2.406	6.810	1684.	38.	8.	764.9	25.7	1
1137	0	436	37.8863	88.8390	-275.2	PPB	5.64	2.82	1.08	0.501	2.603	5.200	1571.	44.	8.	764.3	25.6	1
1138	0	436	37.8863	88.8397	-272.2	PPB	6.82	4.05	1.03	0.594	3.929	6.615	1547.	36.	6.	763.8	25.6	1
1139	0	388	37.8863	88.8405	-271.0	PPB	8.51	2.61	1.12	0.307	2.326	7.583	1600.	22.	4.	764.3	25.6	1
1140	0	384	37.8864	88.8413	-268.0	PPB	5.35	2.62	1.13	0.490	2.316	4.723	1534.	42.	5.	764.9	25.6	1
1141	0	424	37.8864	88.8421	-266.0	PPB	5.15	4.45	0.85	0.865	5.225	6.041	1481.	43.	5.	764.9	25.5	1
1142	0	436	37.8864	88.8429	-264.5	PPB	7.35	3.33	0.98	0.453	3.393	7.483	1632.	43.	5.	764.9	25.5	1
1143	0	428	37.8864	88.8436	-262.0	PPB	9.61	2.98	0.80	0.310	3.728	12.007	1550.	41.	1.	764.3	25.5	1
1144	0	428	37.8864	88.8444	-260.0	PPM	6.09	3.29	1.01	0.541	3.267	6.038	1592.	33.	4.	764.3	25.6	1
1145	0	432	37.8864	88.8452	-260.0	PPM	9.19	2.63	0.88	0.286	2.994	10.467	1585.	38.	2.	765.9	25.5	1
1146	0	428	37.8864	88.8460	-258.5	PPM	6.11	2.53	0.90	0.413	2.804	6.783	1493.	48.	7.	765.9	25.6	1
1147	0	432	37.8864	88.8468	-258.0	PPM	8.18	3.45	1.14	0.422	3.035	7.188	1598.	31.	2.	765.4	25.6	1
1148	10	436	37.8865	88.8476	-255.2	PPM	7.45	1.46	1.00	0.0	0.0	7.430	1517.	38.	5.	765.4	25.6	1
1149	0	436	37.8865	88.8483	-253.0	PPM	8.62	3.11	1.12	0.361	2.768	7.673	1565.	42.	6.	765.4	25.6	1
1150	0	444	37.8865	88.8492	-251.2	PPM	6.90	3.76	0.82	0.545	4.598	8.441	1606.	44.	8.	765.4	25.6	1
1151	10	452	37.8865	88.8499	-251.5	PPM	8.94	0.63	0.81	0.0	0.0	11.044	1482.	36.	11.	764.9	25.5	1
1152	0	456	37.8865	88.8507	-250.0	PPM	6.21	3.10	0.87	0.499	3.554	7.118	1419.	48.	6.	765.4	25.5	1
1153	10	464	37.8865	88.8515	-247.5	PPM	6.73	1.70	1.03	0.0	0.0	6.563	1489.	31.	13.	765.9	25.6	1
1154	10	468	37.8865	88.8523	-245.7	PPM	10.27	1.62	0.83	0.0	0.0	12.390	1518.	36.	8.	764.9	25.6	1
1155	0	472	37.8865	88.8530	-245.5	PPM	5.98	3.74	0.88	0.626	4.271	6.818	1464.	37.	5.	764.3	25.5	1
1156	0	480	37.8866	88.8539	-244.2	PPM	7.38	2.41	0.70	0.327	3.444	10.524	1453.	38.	10.	765.4	25.5	1
1157	0	484	37.8866	88.8547	-242.7	PPM	6.95	2.51	0.89	0.361	2.829	7.831	1511.	31.	9.	764.9	25.5	1
1158	0	484	37.8866	88.8554	-240.5	PPM	5.39	2.73	0.78	0.507	3.516	6.934	1471.	43.	8.	764.9	25.4	1
1159	0	452	37.8866	88.8561	-240.0	PPM	6.57	2.38	0.95	0.362	2.501	6.904	1370.	26.	5.	765.4	25.5	1
1160	0	436	37.8866	88.8570	-238.0	PPM	6.68	1.62	0.65	0.242	2.473	10.213	1224.	47.	9.	763.8	25.5	1
1161	10	484	37.8866	88.8578	-237.0	PPM	9.83	0.66	0.68	0.0	0.0	14.446	1419.	45.	9.	763.3	25.5	1
1162	10	492	37.8867	88.8586	-236.0	PPM	7.48	1.39	1.14	0.0	0.0	6.566	1446.	36.	10.	764.9	25.5	1
1163	10	496	37.8867	88.8594	-233.5	PPM	9.76	1.46	1.00	0.0	0.0	9.789	1494.	38.	7.	764.9	25.6	1
1164	10	496	37.8867	88.8601	-231.5	PPM	5.33	1.67	0.92	0.0	0.0	5.764	1485.	34.	14.	764.3	25.6	1
1165	10	496	37.8867	88.8609	-228.2	PPM	8.81	-1.30	0.92	0.0	0.0	9.590	1401.	34.	13.	764.9	25.6	1
1166	0	496	37.8867	88.8617	-228.2	PPM	5.56	3.45	0.90	0.621	3.826	6.159	1476.	43.	9.	764.9	25.6	1

CP9 1P12

* TAGS *			* LOCATION *				REDUCED DATA												*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS	
1167	0	492	37.8867	88.8625	-228.5	PPM	6.78	2.27	0.56	0.334	4.044	12.091	1346.	40.	12.	764.9	25.5	1	
1168	10	500	37.8868	88.8632	-228.2	PPM	7.51	-0.24	1.17	0.0	0.0	6.428	1385.	37.	13.	764.9	25.5	1	
1169	10	504	37.8868	88.8640	-226.7	PPM	9.89	-0.53	1.14	0.0	0.0	8.689	1519.	42.	13.	764.3	25.5	1	
1170	0	504	37.8868	88.8648	-224.2	PPM	6.41	3.79	0.47	0.592	8.035	13.578	1394.	44.	12.	764.9	25.6	1	
1171	0	508	37.8868	88.8656	-222.5	PPM	4.85	2.50	0.73	0.516	3.451	6.682	1455.	48.	13.	764.3	25.6	1	
1172	0	516	37.8868	88.8663	-223.2	PPM	6.14	3.38	0.76	0.550	4.420	8.032	1457.	40.	10.	764.3	25.7	1	
1173	0	520	37.8868	88.8672	-222.0	PPM	5.70	2.37	1.14	0.417	2.080	4.992	1474.	41.	10.	764.9	25.7	1	
1174	0	528	37.8868	88.8680	-218.7	PPM	6.41	3.56	0.96	0.555	3.716	6.690	1495.	30.	5.	763.8	25.7	1	
1175	0	528	37.8868	88.8687	-217.5	PPM	7.07	2.86	0.73	0.405	3.910	9.647	1474.	40.	8.	763.3	25.6	1	
1176	0	532	37.8869	88.8695	-217.2	PPM	4.30	3.42	0.82	0.796	4.193	5.267	1508.	44.	9.	764.3	25.6	1	
1177	10	532	37.8869	88.8703	-214.7	PPM	6.13	1.63	1.07	0.0	0.0	5.747	1402.	36.	4.	764.3	25.6	1	
1178	0	536	37.8869	88.8711	-212.7	PPM	6.12	5.27	0.89	0.861	5.907	6.860	1430.	48.	3.	764.3	25.6	1	
1179	0	536	37.8869	88.8719	-211.2	PPM	6.24	1.83	0.97	0.293	1.878	6.407	1370.	38.	5.	764.9	25.7	1	
1180	0	536	37.8869	88.8727	-210.7	PPM	6.54	4.31	1.03	0.660	4.182	6.341	1465.	41.	3.	764.9	25.7	1	
1181	0	536	37.8869	88.8734	-208.7	PPM	5.14	2.50	1.00	0.486	2.497	5.140	1471.	36.	6.	764.9	25.6	1	
1182	0	532	37.8869	88.8742	-206.5	PPM	5.86	3.65	0.59	0.622	6.163	9.902	1411.	49.	5.	763.8	25.6	1	
1183	0	524	37.8869	88.8750	-205.7	PPM	7.12	4.24	0.98	0.595	4.312	7.244	1407.	40.	3.	763.8	25.6	1	
1184	0	524	37.8870	88.8758	-204.0	PPM	5.70	2.40	0.82	0.421	2.926	6.942	1434.	45.	6.	764.3	25.6	1	
1185	0	528	37.8870	88.8766	-203.5	PPM	7.57	2.06	1.02	0.272	2.015	7.409	1478.	30.	7.	764.3	25.6	1	
1186	0	536	37.8870	88.8773	-202.7	PPM	7.88	3.60	0.60	0.457	6.011	13.155	1458.	40.	5.	764.9	25.6	1	
1187	10	532	37.8870	88.8781	-199.7	PPM	8.62	1.23	1.14	0.0	0.0	7.541	1483.	36.	8.	764.3	25.6	1	
1188	0	528	37.8871	88.8789	-197.5	PPM	7.54	4.37	0.61	0.579	7.170	12.380	1462.	40.	4.	763.8	25.6	1	
1189	0	528	37.8871	88.8797	-195.7	PPM	5.52	3.21	0.64	0.583	5.023	8.618	1415.	44.	8.	764.3	25.6	1	
1190	0	528	37.8871	88.8805	-193.7	PPM	5.27	3.62	1.03	0.687	3.531	5.138	1499.	46.	6.	763.8	25.7	1	
1191	0	528	37.8871	88.8812	-193.0	PPM	6.03	3.64	1.00	0.605	3.646	6.031	1501.	30.	6.	764.3	25.7	1	
1192	0	536	37.8871	88.8820	-193.0	PPM	7.08	2.95	0.87	0.416	3.405	8.179	1571.	30.	7.	764.3	25.7	1	
1193	0	540	37.8871	88.8828	-189.7	PPM	5.67	3.66	1.05	0.645	3.470	5.380	1466.	36.	2.	763.8	25.6	1	
1194	0	536	37.8871	88.8836	-187.7	PPM	7.35	3.16	1.05	0.430	3.020	7.021	1501.	29.	0.	764.3	25.6	1	
1195	0	528	37.8871	88.8844	-185.5	PPM	6.90	3.55	0.94	0.514	3.762	7.321	1411.	38.	4.	763.3	25.6	1	
1196	10	528	37.8872	88.8852	-183.0	PPM	7.77	0.79	0.91	0.0	0.0	8.505	1458.	33.	6.	763.8	25.6	1	
1197	10	528	37.8872	88.8859	-182.0	PPM	7.68	0.95	0.96	0.0	0.0	8.033	1531.	37.	9.	765.4	25.6	1	
1198	0	524	37.8872	88.8867	-182.5	PPM	5.44	3.86	0.95	0.710	4.061	5.717	1544.	39.	6.	763.8	25.6	1	
1199	0	524	37.8872	88.8875	-179.7	PPM	7.03	2.50	0.85	0.356	2.938	8.256	1417.	43.	8.	763.8	25.6	1	
1200	10	520	37.8872	88.8883	-177.0	PPM	8.10	1.23	1.01	0.0	0.0	8.041	1471.	41.	10.	765.4	25.6	1	
1201	0	520	37.8872	88.8891	-174.2	PPM	7.19	2.35	1.11	0.327	2.116	6.479	1351.	40.	9.	762.8	25.7	1	
1202	10	520	37.8872	88.8898	-172.7	PPM	5.95	1.65	1.18	0.0	0.0	5.052	1363.	40.	10.	763.8	25.7	1	
1203	0	512	37.8872	88.8907	-169.5	PPM	6.81	3.78	0.87	0.555	4.347	7.835	1392.	26.	8.	765.4	25.8	1	
1204	10	488	37.8873	88.8914	-167.5	PPM	4.59	1.45	0.81	0.0	0.0	5.651	1120.	42.	9.	763.8	25.7	1	
1205	0	516	37.8873	88.8922	-166.0	PPM	5.24	2.39	0.84	0.457	2.835	6.204	1160.	39.	3.	764.9	25.7	1	
1206	0	528	37.8873	88.8930	-162.7	PPM	4.11	3.50	0.63	0.853	5.587	6.551	1178.	42.	3.	764.9	25.7	1	
1207	0	524	37.8873	88.8938	-161.2	PPM	4.74	3.13	0.54	0.660	5.743	8.702	1012.	38.	4.	763.8	25.7	1	
1208	0	524	37.8874	88.8945	-160.0	PPM	3.31	3.00	0.72	0.907	4.156	4.583	1066.	38.	5.	764.3	25.6	1	
1209	10	524	37.8874	88.8954	-157.7	PPM	7.34	1.63	0.91	0.0	0.0	8.054	1176.	53.	6.	763.3	25.5	1	
1210	10	524	37.8874	88.8961	-156.0	PPM	8.25	1.56	0.63	0.0	0.0	13.082	1346.	37.	8.	763.8	25.5	1	
1211	10	520	37.8874	88.8970	-155.0	PPM	6.80	0.42	0.95	0.0	0.0	7.145	1426.	41.	11.	764.9	25.4	1	
1212	0	512	37.8874	88.8978	-152.7	PPM	8.00	3.08	0.89	0.386	3.465	8.983	1466.	44.	9.	764.3	25.4	1	
1213	0	496	37.8874	88.8985	-149.5	PPM	6.52	2.04	0.79	0.312	2.579	8.256	1480.	34.	11.	764.9	25.4	1	
1214	0	480	37.8874	88.8992	-147.7	PPM	4.71	2.35	0.99	0.499	2.384	4.776	1506.	31.	13.	764.3	25.4	1	
1215	0	480	37.8874	88.9001	-143.5	PPM	8.14	3.77	0.78	0.463	4.846	10.465	1519.	37.	11.	764.3	25.4	1	
1216	10	484	37.8875	88.9009	-139.5	PPM	7.01	1.58	1.14	0.0	0.0	6.126	1452.	37.	11.	764.3	25.4	1	
1217	0	484	37.8875	88.9017	-135.2	PPM	5.70	2.09	1.11	0.367	1.895	5.160	1411.	42.	11.	763.8	25.6	1	
1218	10	492	37.8875	88.9024	-132.2	PPM	7.25	-0.62	1.19	0.0	0.0	6.089	1474.	46.	12.	764.9	25.6	1	
1219	0	504	37.8875	88.9032	-130.7	PPM	6.94	2.55	0.78	0.368	3.252	8.835	1478.	34.	10.	765.4	25.6	1	

CP 9 IP 12

* TAGS *			* LOCATION *				REDUCED DATA											
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
1220	10	508	37.8875	88.9040	-131.0	PPM	6.11	0.26	1.07	0.0	0.0	5.734	1351.	39.	14.	763.8	25.6	1
1221	10	512	37.8875	88.9048	-129.5	PPM	6.64	1.33	1.08	0.0	0.0	6.154	1459.	30.	15.	764.9	25.6	1
1222	10	516	37.8875	88.9056	-126.2	PPM	5.88	0.55	1.24	0.0	0.0	4.741	1490.	25.	11.	764.9	25.6	1
1223	10	520	37.8875	88.9063	-122.2	PPM	9.13	0.68	0.78	0.0	0.0	11.723	1475.	35.	15.	762.3	25.6	1
1224	0	520	37.8876	88.9071	-117.2	PPM	6.08	3.54	0.87	0.583	4.050	6.950	1443.	44.	13.	763.8	25.6	1
1225	0	516	37.8876	88.9079	-113.2	PPM	4.65	2.91	0.68	0.625	4.278	6.846	1429.	36.	17.	765.4	25.5	1
1226	10	516	37.8876	88.9087	-113.5	PPM	7.54	0.98	1.07	0.0	0.0	7.023	1512.	47.	16.	763.8	25.5	1
1227	0	512	37.8876	88.9095	-115.0	PPM	8.37	3.00	0.70	0.358	4.260	11.888	1522.	33.	15.	763.8	25.5	1
1228	0	508	37.8876	88.9103	-111.8	PPM	9.55	2.91	1.07	0.305	2.724	8.942	1520.	43.	10.	765.4	25.5	1
1229	0	508	37.8876	88.9110	-109.3	PPM	5.79	3.27	0.75	0.566	4.355	7.701	1504.	46.	9.	764.9	25.5	1
1230	0	508	37.8876	88.9118	-106.5	PPM	6.06	2.30	1.09	0.379	2.104	5.558	1515.	51.	8.	763.8	25.5	1
1231	0	504	37.8876	88.9126	-103.8	PPM	6.40	2.28	1.06	0.356	2.142	6.024	1465.	51.	8.	764.9	25.5	1
1232	0	500	37.8877	88.9134	-99.8	PPM	6.03	3.23	1.02	0.536	3.157	5.887	1485.	33.	6.	764.9	25.6	1
1233	0	500	37.8877	88.9142	-93.5	PPM	4.78	5.08	0.72	1.063	7.023	6.608	1462.	44.	7.	764.9	25.6	1
1234	10	504	37.8877	88.9149	-91.8	PPM	9.25	1.06	1.07	0.0	0.0	8.676	1433.	44.	8.	766.4	25.6	1
1235	0	504	37.8877	88.9157	-90.5	PPM	3.83	1.80	1.04	0.471	1.733	3.676	1443.	51.	9.	766.4	25.6	1
1236	0	508	37.8877	88.9165	-88.0	PPM	4.94	2.10	1.07	0.425	1.967	4.629	1472.	40.	11.	764.9	25.6	1
1237	10	504	37.8877	88.9173	-83.3	PPM	5.71	1.47	1.29	0.0	0.0	4.416	1405.	32.	11.	765.9	25.6	1
1238	0	512	37.8877	88.9181	-80.8	PPM	7.39	2.51	0.85	0.340	2.944	8.662	1434.	35.	9.	765.9	25.7	1
1239	0	512	37.8877	88.9188	-76.8	PPM	6.16	2.25	0.91	0.365	2.460	6.744	1478.	34.	11.	763.8	25.7	1
1240	10	520	37.8878	88.9196	-75.0	PPM	6.19	1.28	1.08	0.0	0.0	5.712	1386.	40.	8.	764.3	25.7	1
1241	10	520	37.8878	88.9204	-72.8	PPM	6.50	1.01	1.09	0.0	0.0	5.951	1424.	36.	7.	765.9	25.7	1
1242	0	520	37.8878	88.9212	-67.3	PPM	4.04	2.59	0.85	0.641	3.034	4.735	1368.	45.	7.	764.3	25.7	1
1243	0	520	37.8878	88.9220	-63.5	PPM	4.98	2.87	1.01	0.577	2.833	4.910	1473.	41.	8.	764.3	25.6	1
1244	0	516	37.8879	88.9228	-59.8	PPM	5.91	2.74	1.27	0.464	2.160	4.651	1484.	40.	6.	766.4	25.6	1
1245	0	516	37.8879	88.9236	-53.0	PPM	4.51	2.68	0.77	0.594	3.482	5.861	1369.	38.	6.	764.3	25.6	1
1246	0	512	37.8879	88.9243	-45.3	PPM	5.52	2.72	0.55	0.493	4.902	9.953	1352.	39.	6.	764.3	25.5	1
1247	10	516	37.8879	88.9252	-42.3	PPM	7.22	1.47	1.02	0.0	0.0	7.078	1408.	48.	6.	766.4	25.5	1
1248	0	516	37.8879	88.9259	-40.0	PPM	7.97	1.88	1.04	0.236	1.815	7.697	1455.	36.	8.	764.3	25.4	1
1249	0	516	37.8879	88.9267	-33.0	PPM	5.70	3.38	0.84	0.593	4.015	6.767	1496.	47.	8.	763.8	25.6	1
1250	10	516	37.8879	88.9274	-24.8	PPM	5.70	1.05	1.18	0.0	0.0	4.830	1473.	44.	12.	765.4	25.6	1
1251	10	512	37.8879	88.9283	-14.8	PPM	6.23	1.49	1.01	0.0	0.0	6.180	1336.	33.	12.	764.3	25.6	1
1252	0	496	37.8880	88.9290	-9.0	PPM	5.04	1.90	0.86	0.377	2.215	5.868	1202.	55.	7.	763.8	25.6	1
1253	0	508	37.8880	88.9299	-14.0	PPM	4.22	1.85	1.04	0.438	1.788	4.080	1367.	43.	8.	765.4	25.6	1
1254	0	508	37.8880	88.9307	-20.8	PPM	3.86	2.90	0.86	0.751	3.357	4.472	1336.	33.	7.	764.3	25.7	1
1255	0	516	37.8880	88.9314	-11.0	PPM	5.27	1.73	1.05	0.328	1.647	5.018	1294.	38.	9.	763.8	25.7	1
1256	10	524	37.8880	88.9321	5.8	PPM	5.53	1.68	1.14	0.0	0.0	4.874	1335.	37.	12.	766.4	25.8	1
1257	10	516	37.8880	88.9330	4.8	PPM	5.97	0.37	0.81	0.0	0.0	7.413	1279.	41.	15.	765.4	25.8	1
1258	10	528	37.8880	88.9338	-8.8	PPM	5.83	1.51	0.89	0.0	0.0	6.519	1415.	34.	13.	762.8	25.8	1
1259	10	536	37.8880	88.9346	-17.0	PPM	7.58	1.07	1.16	0.0	0.0	6.526	1483.	38.	9.	764.3	25.8	1
1260	0	540	37.8881	88.9354	-18.0	PPM	5.95	2.44	0.84	0.410	2.904	7.079	1542.	32.	14.	764.9	25.8	1
1261	10	548	37.8881	88.9361	-13.5	PPM	6.28	0.01	1.05	0.0	0.0	6.010	1379.	50.	14.	762.8	25.7	1
1262	10	552	37.8881	88.9369	-8.8	PPM	5.89	1.84	1.19	0.0	0.0	4.962	1448.	40.	12.	763.8	25.8	1
1263	0	552	37.8881	88.9377	-5.8	PPM	5.55	3.06	1.12	0.551	2.735	4.960	1488.	31.	13.	764.3	25.6	1
1264	10	548	37.8882	88.9385	-1.5	PPM	6.99	0.59	0.95	0.0	0.0	7.362	1467.	38.	7.	762.8	25.6	1
1265	0	544	37.8882	88.9392	1.0	PPM	6.05	3.41	1.18	0.565	2.905	5.144	1501.	38.	4.	765.4	25.6	1
1266	0	548	37.8882	88.9400	4.3	PPM	6.97	1.93	0.95	0.278	2.033	7.324	1484.	35.	7.	765.4	25.6	1
1267	10	548	37.8882	88.9408	9.0	PPM	7.04	1.56	1.07	0.0	0.0	6.551	1446.	40.	8.	762.8	25.5	1
1268	0	544	37.8882	88.9416	11.5	PPM	6.59	2.09	1.18	0.317	1.764	5.569	1511.	41.	6.	763.8	25.5	1
1269	0	540	37.8882	88.9424	13.3	PPM	7.90	3.88	0.71	0.491	5.502	11.203	1453.	40.	8.	764.9	25.5	1
1270	10	536	37.8882	88.9432	18.3	PPM	7.02	0.26	1.22	0.0	0.0	5.736	1360.	46.	13.	763.3	25.5	1
1271	10	528	37.8882	88.9439	21.8	PPM	5.76	0.88	0.95	0.0	0.0	6.069	1387.	39.	12.	764.9	25.5	1
1272	0	516	37.8883	88.9447	21.8	PPM	4.58	2.08	0.82	0.455	2.526	5.555	1340.	43.	13.	764.9	25.5	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1273	10	528	37.8883	88.9454	23.5	PPM	6.48	0.66	0.70	0.0	0.0	9.258	1279.	40.	10.	763.3	25.5	1
1274	10	524	37.8883	88.9462	24.3	PPM	7.63	-1.21	1.14	0.0	0.0	6.703	1303.	42.	10.	763.8	25.6	1
1275	10	524	37.8883	88.9470	25.5	PPM	5.96	1.45	0.73	0.0	0.0	8.170	1391.	37.	8.	765.9	25.6	1
1276	0	520	37.8884	88.9477	28.5	PPM	7.29	2.90	0.99	0.398	2.939	7.382	1479.	29.	6.	764.3	25.6	1
1277	0	520	37.8884	88.9485	32.8	PPM	8.59	2.16	0.79	0.251	2.725	10.843	1488.	35.	7.	763.8	25.6	1
1278	10	520	37.8885	88.9492	34.0	PPM	6.72	1.60	0.92	0.0	0.0	7.324	1380.	33.	8.	765.4	25.7	1
1279	0	516	37.8884	88.9500	36.8	PPM	6.58	2.02	0.95	0.307	2.117	6.895	1427.	43.	7.	763.8	25.6	1
1280	0	504	37.8885	88.9508	39.3	PPM	3.45	2.41	0.98	0.698	2.472	3.540	1323.	35.	10.	763.8	25.6	1
1281	0	476	37.8885	88.9515	42.5	PPM	5.95	2.38	0.96	0.401	2.487	6.208	1329.	41.	9.	765.4	25.6	1
1282	10	484	37.8885	88.9523	45.5	PPM	7.49	1.70	1.02	0.0	0.0	7.371	1448.	30.	13.	763.8	25.6	1
1283	0	480	37.8885	88.9530	49.5	PPM	7.15	2.20	1.09	0.308	2.022	6.567	1434.	51.	9.	763.3	25.6	1
1284	0	472	37.8885	88.9538	52.5	PPM	5.69	1.78	1.43	0.313	1.243	3.974	1506.	47.	11.	765.9	25.6	1
1285	0	468	37.8886	88.9545	54.0	PPM	5.63	2.46	1.07	0.437	2.292	5.248	1548.	39.	11.	765.4	25.6	1
1286	0	464	37.8886	88.9552	57.5	PPM	6.84	2.23	1.23	0.326	1.817	5.576	1488.	33.	11.	762.8	25.5	1
1287	0	464	37.8887	88.9561	62.3	PPM	7.59	2.10	0.91	0.277	2.299	8.314	1474.	51.	7.	764.3	25.6	1
1288	0	468	37.8887	88.9568	67.3	PPM	7.32	3.37	0.92	0.460	3.670	7.980	1519.	33.	7.	765.4	25.6	1
1289	0	476	37.8887	88.9576	67.8	PPM	7.55	2.77	1.02	0.367	2.724	7.417	1557.	36.	[illegible]	763.3	25.6	1
1290	10	484	37.8887	88.9583	67.8	PPM	7.17	1.58	1.02	0.0	0.0	7.031	1460.	32.	[illegible]	764.3	25.5	1
1291	10	488	37.8887	88.9591	70.5	PPM	8.67	0.53	1.27	0.0	0.0	6.807	1503.	39.	9.	765.9	25.6	1
1292	0	496	37.8888	88.9599	71.8	PPM	5.36	3.11	0.92	0.581	3.393	5.837	1528.	37.	10.	764.3	25.6	1
1293	0	500	37.8888	88.9606	72.5	PPM	6.24	3.63	1.07	0.582	3.394	5.835	1535.	31.	6.	764.9	25.6	1
1294	0	508	37.8889	88.9614	74.3	PPM	6.27	2.60	0.96	0.414	2.698	6.510	1430.	35.	10.	766.4	25.6	1
1295	0	508	37.8889	88.9621	75.0	PPM	4.87	3.22	0.89	0.662	3.640	5.495	1434.	35.	5.	764.3	25.6	1
1296	10	512	37.8889	88.9629	79.3	PPM	7.18	0.48	0.93	0.0	0.0	7.708	1354.	41.	9.	763.8	25.6	1
1297	0	516	37.8889	88.9636	84.5	PPM	5.05	3.93	0.92	0.778	4.269	5.485	1444.	30.	5.	765.9	25.6	1
1298	0	516	37.8890	88.9644	86.8	PPM	5.28	2.75	1.08	0.521	2.535	4.867	1437.	43.	9.	764.9	25.6	1
1299	10	516	37.8890	88.9651	87.8	PPM	5.14	1.61	0.93	0.0	0.0	5.547	1417.	45.	8.	764.3	25.7	1
1300	0	516	37.8890	88.9659	89.8	PPM	7.01	2.94	0.96	0.420	3.079	7.338	1388.	38.	5.	765.9	25.7	1
1301	0	524	37.8890	88.9667	90.5	PPM	6.03	2.52	0.85	0.418	2.957	7.078	1322.	38.	8.	765.9	25.7	1
1302	0	528	37.8890	88.9674	92.0	PPM	7.72	2.46	1.20	0.318	2.055	6.452	1472.	38.	6.	763.8	25.7	1
1303	10	540	37.8891	88.9682	94.0	PPM	7.19	1.44	1.23	0.0	0.0	5.856	1438.	48.	6.	763.8	25.7	1
1304	10	544	37.8891	88.9690	96.8	PPM	5.70	1.66	1.07	0.0	0.0	5.326	1426.	40.	9.	765.4	25.6	1
1305	0	544	37.8891	88.9697	97.8	PPM	5.99	3.86	0.70	0.644	5.500	8.534	1439.	38.	5.	765.4	25.6	1
1306	10	540	37.8891	88.9705	98.8	PPM	8.33	0.99	1.20	0.0	0.0	6.912	1366.	47.	5.	763.8	25.6	1
1307	10	532	37.8892	88.9712	101.3	PPM	6.63	1.38	1.21	0.0	0.0	5.489	1433.	45.	3.	764.3	25.6	1
1308	0	528	37.8892	88.9720	104.0	PPM	5.81	2.41	1.13	0.415	2.138	5.152	1317.	45.	0.	765.4	25.6	1
1309	0	532	37.8892	88.9727	105.0	PPM	4.52	5.45	0.74	1.204	7.330	6.087	1384.	38.	0.	765.4	25.6	1
1310	0	532	37.8892	88.9735	105.8	PPM	5.36	3.72	0.94	0.693	3.939	5.684	1383.	39.	0.	763.8	25.6	1
1311	0	524	37.8892	88.9743	108.3	PPM	5.54	2.82	1.08	0.509	2.620	5.143	1393.	38.	0.	763.8	25.5	1
1312	0	524	37.8893	88.9750	110.3	PPM	4.88	2.87	0.91	0.588	3.160	5.376	1347.	38.	0.	765.4	25.6	1
1313	0	524	37.8893	88.9758	111.5	PPM	6.82	3.25	0.99	0.477	3.295	6.913	1499.	31.	0.	765.4	25.6	1
1314	0	520	37.8894	88.9765	113.0	PPM	8.00	2.11	1.02	0.264	2.072	7.847	1479.	33.	0.	763.8	25.6	1
1315	0	520	37.8894	88.9773	116.0	PPM	6.02	3.00	1.10	0.498	2.728	5.480	1403.	31.	0.	763.8	25.6	1
1316	0	524	37.8894	88.9780	116.5	PPM	6.57	4.52	0.91	0.688	4.948	7.189	1419.	50.	0.	765.9	25.8	1
1317	0	532	37.8894	88.9788	116.2	PPM	4.48	2.51	0.67	0.561	3.763	6.703	1389.	48.	2.	765.9	25.7	1
1318	0	536	37.8895	88.9796	118.5	PPM	8.11	1.98	0.89	0.244	2.228	9.134	1357.	43.	4.	764.3	25.8	1
1319	10	536	37.8895	88.9803	119.2	PPM	8.44	0.51	1.03	0.0	0.0	8.214	1436.	34.	6.	763.8	25.7	1
1320	10	536	37.8895	88.9810	121.2	PPM	6.10	1.55	1.24	0.0	0.0	4.908	1403.	29.	9.	765.4	25.7	1
1321	0	532	37.8895	88.9819	122.5	PPM	6.23	3.09	0.86	0.496	3.571	7.201	1501.	33.	8.	766.4	25.7	1
1322	0	524	37.8895	88.9826	123.7	PPM	6.28	2.41	0.98	0.384	2.457	6.404	1494.	35.	10.	765.4	25.7	1
1323	0	516	37.8896	88.9834	126.0	PPM	8.83	2.27	1.03	0.257	2.202	8.559	1577.	30.	7.	763.8	25.7	1
1324	0	508	37.8896	88.9841	127.0	PPM	7.49	2.38	0.86	0.318	2.767	8.715	1541.	43.	9.	764.3	25.7	1
1325	0	504	37.8896	88.9848	127.0	PPM	6.68	3.01	0.86	0.451	3.495	7.757	1412.	46.	5.	766.4	25.7	1

CP 9 IP 12

* TAGS *				LOCATION *			REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1326	0	508	37.8896	88.9856	128.5	PPM	7.13	4.49	1.00	0.629	4.498	7.152	1549.	33.	2.	765.4	25.6	1
1327	0	508	37.8897	88.9864	128.0	PPM	7.49	3.29	0.99	0.439	3.307	7.538	1529.	42.	5.	764.3	25.7	1
1328	0	512	37.8897	88.9872	130.2	PPM	8.75	1.78	1.15	0.203	1.553	7.636	1561.	35.	4.	765.9	25.7	1
1329	0	516	37.8897	88.9879	133.2	PPM	6.14	3.05	0.98	0.497	3.126	6.294	1492.	43.	10.	765.9	25.7	1
1330	0	516	37.8897	88.9887	133.5	PPM	6.77	3.99	0.96	0.589	4.136	7.027	1561.	37.	7.	763.8	25.8	1
1331	0	516	37.8897	88.9894	134.7	PPM	7.82	2.67	0.83	0.342	3.215	9.410	1397.	41.	7.	763.8	25.7	1
1332	10	520	37.8898	88.9902	135.0	PPM	6.22	1.18	1.12	0.0	0.0	5.559	1457.	39.	9.	764.3	25.7	1
1333	0	520	37.8898	88.9909	134.7	PPM	5.82	1.97	1.00	0.338	1.960	5.798	1451.	37.	13.	765.4	25.6	1
1334	10	520	37.8899	88.9917	134.7	PPM	8.84	-0.10	1.09	0.0	0.0	8.106	1538.	33.	9.	764.9	25.6	1
1335	0	524	37.8899	88.9925	135.7	PPM	9.13	2.28	0.91	0.250	2.510	10.054	1443.	38.	6.	763.3	25.6	1
1336	10	524	37.8899	88.9932	136.0	PPM	9.20	0.01	1.18	0.0	0.0	7.826	1497.	47.	10.	764.3	25.6	1
1337	0	524	37.8899	88.9939	135.5	PPM	6.22	3.61	1.26	0.580	2.853	4.921	1523.	28.	9.	765.9	25.5	1
1338	0	516	37.8900	88.9947	135.5	PPM	7.15	2.82	1.16	0.394	2.432	6.170	1551.	33.	9.	764.9	25.5	1
1339	0	512	37.8900	88.9955	137.2	PPM	6.93	2.07	1.01	0.298	2.044	6.847	1471.	49.	4.	763.3	25.5	1
1340	0	508	37.8900	88.9962	137.5	PPM	5.86	3.62	1.02	0.618	3.556	5.749	1493.	35.	8.	764.3	25.4	1
1341	0	500	37.8900	88.9970	139.2	PPM	6.31	3.15	1.28	0.499	2.449	4.909	1510.	43.	10.	765.4	25.5	1
1342	0	496	37.8900	88.9977	139.5	PPM	7.24	2.69	1.06	0.371	2.538	6.834	1529.	39.	10.	763.8	25.5	1
1343	0	496	37.8901	88.9985	139.0	PPM	5.52	2.56	1.01	0.464	2.536	5.467	1528.	38.	12.	763.8	25.5	1
1344	0	488	37.8901	88.9992	142.5	PPM	7.20	2.56	0.92	0.356	2.790	7.847	1504.	30.	9.	766.4	25.5	1
1345	0	488	37.8902	89.0001	140.5	PPM	4.34	3.11	0.90	0.716	3.472	4.850	1465.	33.	14.	766.4	25.5	1
1346	0	488	37.8902	89.0008	140.2	PPM	7.12	3.50	0.86	0.492	4.093	8.325	1515.	45.	7.	764.3	25.5	1
1347	0	488	37.8902	89.0016	143.2	PPM	6.71	1.95	0.77	0.290	2.529	8.706	1503.	36.	12.	764.9	25.5	1
1348	0	488	37.8902	89.0023	144.5	PPM	7.54	2.62	0.87	0.348	3.007	8.632	1467.	36.	9.	765.9	25.6	1
1349	0	488	37.8903	89.0030	143.5	PPM	7.27	3.45	0.87	0.474	3.970	8.373	1431.	38.	6.	764.9	25.5	1
1350	10	488	37.8903	89.0038	142.0	PPM	6.25	1.18	1.18	0.0	0.0	5.289	1433.	26.	5.	764.9	25.6	1
1351	0	496	37.8902	89.0045	143.7	PPM	6.21	3.71	1.02	0.597	3.652	6.113	1407.	42.	3.	765.9	25.6	1
1352	0	500	37.8903	89.0054	146.5	PPM	7.19	1.59	0.97	0.221	1.640	7.418	1410.	37.	0.	765.4	25.6	1
1353	0	504	37.8903	89.0061	146.7	PPM	4.70	4.85	0.61	1.032	7.905	7.663	1368.	43.	0.	764.3	25.6	1
1354	0	504	37.8904	89.0069	145.0	PPM	6.39	4.28	0.89	0.669	4.800	7.171	1450.	27.	0.	765.4	25.6	1
1355	0	500	37.8904	89.0076	145.5	PPM	6.12	3.73	0.74	0.610	5.034	8.256	1498.	31.	0.	766.4	25.5	1
1356	10	500	37.8904	89.0084	144.5	PPM	8.01	1.60	1.08	0.0	0.0	7.398	1377.	44.	1.	765.4	25.6	1
1357	0	500	37.8904	89.0091	144.0	PPM	6.33	3.53	0.81	0.557	4.341	7.795	1421.	31.	0.	764.3	25.5	1
1358	0	496	37.8905	89.0099	145.5	PPM	4.26	3.02	1.07	0.709	2.826	3.987	1462.	50.	8.	766.4	25.5	1
1359	0	492	37.8905	89.0106	145.7	PPM	6.41	1.69	1.11	0.263	1.518	5.772	1451.	33.	7.	765.4	25.5	1
1360	10	492	37.8905	89.0114	144.7	PPM	6.35	1.47	0.74	0.0	0.0	8.529	1437.	27.	11.	763.8	25.5	1
1361	0	492	37.8905	89.0121	146.7	PPM	6.88	3.87	0.78	0.563	4.983	8.856	1407.	27.	10.	765.9	25.6	1
1362	10	500	37.8905	89.0129	146.5	PPM	7.86	1.63	0.80	0.0	0.0	9.804	1393.	41.	10.	766.9	25.6	1
1363	10	500	37.8906	89.0137	146.2	PPM	4.54	1.37	0.98	0.0	0.0	4.627	1398.	48.	14.	764.3	25.5	1
1364	0	500	37.8906	89.0144	147.5	PPM	5.02	3.81	0.83	0.759	4.601	6.061	1403.	38.	7.	764.3	25.5	1
1365	0	496	37.8907	89.0152	147.2	PPM	4.19	2.03	1.06	0.483	1.913	3.957	1435.	39.	11.	766.4	25.5	1
1366	0	492	37.8907	89.0159	146.0	PPM	6.56	3.31	0.98	0.504	3.386	6.713	1426.	36.	8.	765.4	25.5	1
1367	0	492	37.8907	89.0167	147.2	PPM	7.98	2.13	1.09	0.267	1.950	7.294	1453.	37.	6.	764.9	25.5	1
1368	0	504	37.8907	89.0174	147.2	PPM	5.00	1.56	1.18	0.311	1.324	4.252	1432.	28.	5.	766.9	25.5	1
1369	0	512	37.8908	89.0183	150.2	PPM	6.14	4.24	0.87	0.691	4.878	7.063	1309.	27.	1.	767.4	25.5	1
1370	0	528	37.8908	89.0190	154.7	PPM	8.49	2.28	0.95	0.268	2.405	8.960	1358.	25.	2.	765.4	25.5	1
1371	0	532	37.8908	89.0198	153.7	QAL	7.73	1.85	0.90	0.239	2.047	8.555	1348.	35.	4.	764.3	25.5	1
1372	0	528	37.8908	89.0205	149.2	QAL	7.83	2.84	0.64	0.362	4.412	12.182	1303.	41.	3.	765.4	25.4	1
1373	0	532	37.8908	89.0213	145.5	QAL	5.78	2.95	1.06	0.509	2.780	5.457	1346.	46.	2.	766.4	25.5	1
1374	0	532	37.8909	89.0220	144.5	QAL	6.63	5.31	0.75	0.801	7.082	8.842	1412.	49.	0.	764.3	25.5	1
1375	0	536	37.8909	89.0227	145.5	QAL	8.69	1.94	1.16	0.223	1.676	7.501	1524.	37.	1.	764.3	25.6	1
1376	0	540	37.8909	89.0235	145.0	QAL	7.11	3.19	0.96	0.448	3.321	7.409	1606.	42.	0.	766.4	25.6	1
1377	0	540	37.8909	89.0243	144.2	PPM	7.23	2.54	1.40	0.351	1.811	5.159	1572.	46.	2.	766.4	25.6	1
1378	0	536	37.8910	89.0250	144.0	PPM	9.74	2.78	1.28	0.286	2.169	7.586	1700.	30.	4.	764.3	25.6	1

* TAGS			* LOCATION			*	REDUCED DATA											
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1379	0	536	37.8910	89.0258	145.0	PPM	6.72	3.55	1.45	0.528	2.456	4.647	1587.	30.	4.	764.9	25.6	1
1380	0	540	37.8911	89.0266	144.2	PPM	7.17	2.09	1.05	0.291	1.981	6.796	1553.	40.	8.	765.9	25.6	1
1381	0	540	37.8911	89.0273	144.2	PPM	5.38	3.80	0.92	0.706	4.150	5.880	1527.	39.	6.	764.9	25.5	1
1382	0	540	37.8911	89.0281	143.2	PPM	8.26	3.56	0.95	0.431	3.751	8.708	1558.	28.	7.	763.8	25.6	1
1383	10	540	37.8911	89.0288	143.7	PPM	7.47	1.22	1.28	0.0	0.0	5.851	1581.	43.	10.	764.3	25.5	1
1384	0	536	37.8911	89.0296	144.0	PPM	7.99	2.52	1.24	0.315	2.038	6.459	1600.	25.	10.	765.4	25.5	1
1385	0	532	37.8912	89.0303	144.7	PPM	7.01	2.05	1.20	0.293	1.711	5.846	1498.	42.	8.	766.4	25.4	1
1386	0	532	37.8912	89.0312	144.0	PPM	7.87	3.83	0.88	0.487	4.360	8.954	1621.	32.	6.	765.4	25.5	1
1387	0	532	37.8912	89.0319	144.2	PPM	7.11	1.97	0.94	0.278	2.094	7.542	1551.	37.	8.	763.8	25.5	1
1388	0	532	37.8912	89.0326	142.2	PPM	9.29	2.85	1.21	0.307	2.357	7.679	1613.	38.	2.	765.4	25.5	1
1389	0	532	37.8913	89.0334	140.7	PPM	9.29	3.16	1.09	0.340	2.885	8.487	1574.	43.	5.	765.4	25.5	1
1390	0	532	37.8913	89.0341	140.5	PPM	6.58	3.54	1.21	0.538	2.932	5.449	1622.	32.	8.	763.8	25.5	1
1391	0	532	37.8913	89.0349	141.2	PPM	6.58	4.14	1.13	0.629	3.663	5.822	1587.	47.	3.	764.3	25.5	1
1392	0	528	37.8913	89.0356	141.7	PPM	8.47	2.86	1.34	0.338	2.137	6.330	1697.	46.	7.	766.4	25.4	1
1393	0	524	37.8913	89.0364	139.7	PPM	6.42	2.48	1.06	0.387	2.338	6.045	1492.	52.	9.	766.4	25.4	1
1394	0	520	37.8914	89.0372	140.0	PPM	5.65	3.95	1.35	0.699	2.918	4.176	1580.	46.	2.	765.4	25.4	1
1395	0	520	37.8914	89.0379	141.0	PPM	7.74	2.94	1.36	0.381	2.168	5.699	1547.	41.	5.	763.8	25.4	1
1396	10	520	37.8914	89.0387	139.2	PPM	5.53	1.06	1.32	0.0	0.0	4.180	1439.	48.	6.	764.9	25.4	1
1397	10	520	37.8914	89.0395	137.0	PPM	5.65	0.64	1.30	0.0	0.0	4.363	1398.	45.	7.	766.9	25.4	1
1398	0	512	37.8915	89.0402	136.7	PPM	6.75	3.05	0.95	0.452	3.215	7.115	1500.	48.	5.	765.9	25.5	1
1399	0	504	37.8915	89.0410	136.7	PPM	6.25	2.08	1.36	0.332	1.533	4.613	1513.	31.	4.	764.3	25.4	1
1400	0	496	37.8915	89.0417	137.2	PPM	5.41	3.59	0.87	0.664	4.127	6.219	1385.	37.	2.	765.4	25.4	1
1401	10	496	37.8915	89.0425	137.0	PPM	6.75	1.31	1.33	0.0	0.0	5.068	1584.	33.	0.	766.4	25.4	1
1402	0	500	37.8915	89.0432	134.7	PPM	6.27	5.00	0.90	0.797	5.589	7.010	1497.	48.	3.	765.4	25.4	1
1403	0	504	37.8916	89.0439	135.5	PPM	7.43	2.23	1.33	0.301	1.675	5.573	1567.	48.	2.	764.3	25.5	1
1404	0	504	37.8916	89.0448	136.0	PPM	8.58	4.00	0.87	0.466	4.579	9.821	1487.	51.	5.	766.4	25.5	1
1405	0	504	37.8917	89.0455	133.0	PPM	8.71	2.37	1.01	0.272	2.341	8.597	1510.	35.	10.	767.4	25.6	1
1406	10	508	37.8917	89.0463	132.7	PPM	8.08	1.86	1.41	0.0	0.0	5.717	1528.	35.	10.	765.4	25.6	1
1407	10	512	37.8917	89.0470	133.7	PPM	7.21	1.62	1.30	0.0	0.0	5.548	1583.	30.	12.	763.8	25.6	1
1408	10	508	37.8917	89.0478	132.5	PPM	6.42	1.27	1.11	0.0	0.0	5.763	1543.	25.	15.	766.4	25.7	1
1409	0	508	37.8918	89.0485	130.7	PPM	6.70	2.07	0.85	0.310	2.430	7.848	1489.	41.	12.	766.4	25.7	1
1410	0	508	37.8918	89.0493	129.7	PPM	6.95	2.13	1.13	0.306	1.880	6.148	1570.	29.	14.	764.3	25.6	1
1411	10	512	37.8918	89.0500	128.7	PPM	8.67	1.31	1.04	0.0	0.0	8.314	1499.	43.	15.	765.4	25.6	1
1412	10	508	37.8918	89.0508	128.2	PPM	8.82	1.17	0.63	0.0	0.0	13.954	1448.	35.	12.	766.4	25.6	1
1413	10	508	37.8918	89.0516	128.5	PPM	8.51	0.58	1.01	0.0	0.0	8.441	1432.	49.	11.	764.9	25.6	1
1414	0	476	37.8919	89.0523	126.7	PPM	5.51	2.59	0.84	0.469	3.063	6.531	1342.	44.	13.	763.8	25.6	1
1415	10	472	37.8919	89.0531	125.5	PPM	5.45	0.76	0.88	0.0	0.0	6.166	1325.	45.	12.	765.4	25.5	1
1416	0	480	37.8919	89.0538	126.2	PPM	7.85	2.52	0.89	0.322	2.829	8.796	1389.	34.	9.	766.4	25.5	1
1417	10	500	37.8919	89.0546	126.0	PPM	6.72	0.53	1.13	0.0	0.0	5.932	1367.	39.	13.	764.9	25.5	1
1418	0	516	37.8920	89.0554	124.0	PPM	6.69	3.73	0.74	0.558	5.016	8.998	1408.	33.	8.	764.9	25.4	1
1419	0	508	37.8920	89.0561	123.5	PPM	3.54	2.94	0.67	0.830	4.398	5.297	1291.	45.	13.	766.9	25.4	1
1420	0	508	37.8920	89.0568	123.5	PPM	7.17	3.22	0.67	0.448	4.814	10.735	1336.	49.	7.	766.9	25.4	1
1421	0	508	37.8920	89.0577	123.5	PPM	6.64	3.57	1.06	0.539	3.375	6.266	1466.	33.	5.	764.9	25.4	1
1422	0	508	37.8920	89.0583	121.2	PPM	5.65	3.44	1.01	0.608	3.404	5.594	1382.	38.	5.	765.4	25.4	1
1423	0	512	37.8921	89.0592	117.7	PPM	3.65	2.99	0.72	0.820	4.139	5.050	1294.	37.	3.	766.4	25.4	1
1424	10	508	37.8921	89.0599	115.7	PPM	6.81	1.29	1.26	0.0	0.0	5.411	1399.	33.	6.	765.4	25.5	1
1425	0	504	37.8922	89.0607	114.5	PPM	5.85	1.77	1.07	0.302	1.655	5.472	1343.	55.	5.	765.4	25.4	1
1426	0	504	37.8922	89.0614	112.5	PPM	6.10	3.48	0.84	0.571	4.129	7.235	1471.	28.	1.	766.4	25.4	1
1427	0	504	37.8922	89.0621	108.8	PPM	9.56	3.41	1.09	0.357	3.125	8.747	1519.	28.	3.	766.9	25.4	1
1428	0	500	37.8922	89.0630	105.8	PPM	4.27	2.52	1.26	0.590	2.003	3.394	1428.	39.	3.	765.4	25.4	1
1429	0	500	37.8923	89.0637	104.3	PPM	5.62	3.94	0.89	0.701	4.430	6.323	1529.	36.	3.	765.4	25.5	1
1430	0	508	37.8923	89.0645	103.0	PPM	6.83	2.89	1.29	0.423	2.245	5.308	1634.	43.	7.	766.4	25.5	1
1431	10	516	37.8923	89.0652	101.0	PPM	7.40	1.29	1.23	0.0	0.0	6.035	1579.	41.	10.	766.4	25.5	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1432	0	516	37.8923	89.0660	100.0	PPM	7.51	3.45	1.08	0.459	3.184	6.938	1630.	44.	10.	764.3	25.5	1
1433	10	516	37.8923	89.0667	96.3	PPM	7.51	1.95	1.16	0.0	0.0	6.457	1570.	46.	16.	764.3	25.5	1
1434	0	516	37.8924	89.0675	94.5	PPM	6.67	3.40	1.03	0.509	3.302	6.485	1582.	34.	14.	766.4	25.5	1
1435	10	516	37.8924	89.0683	94.0	PPM	6.13	-0.80	1.08	0.0	0.0	5.700	1419.	46.	16.	766.4	25.5	1
1436	0	512	37.8924	89.0690	93.0	PPM	7.73	3.51	0.52	0.454	6.712	14.772	1482.	36.	16.	764.3	25.5	1
1437	10	516	37.8924	89.0697	91.0	PPM	5.57	0.78	1.04	0.0	0.0	5.378	1346.	42.	15.	765.4	25.5	1
1438	10	516	37.8925	89.0705	90.5	PPM	5.04	1.67	0.84	0.0	0.0	6.026	1416.	39.	15.	766.4	25.6	1
1439	0	516	37.8925	89.0713	88.5	PPM	5.88	3.13	0.78	0.532	4.011	7.535	1375.	32.	9.	765.4	25.6	1
1440	0	516	37.8925	89.0720	87.5	PPM	8.27	3.37	1.00	0.407	3.380	8.303	1482.	36.	5.	765.4	25.6	1
1441	0	516	37.8925	89.0728	85.8	PPM	6.11	3.17	0.85	0.518	3.729	7.193	1364.	39.	4.	767.4	25.6	1
1442	0	516	37.8925	89.0735	83.8	PPM	6.75	2.65	0.95	0.393	2.786	7.096	1520.	36.	4.	765.9	25.6	1
1443	0	496	37.8926	89.0743	82.8	PPM	5.82	3.71	0.98	0.639	3.792	5.939	1431.	34.	2.	764.9	25.5	1
1444	0	468	37.8926	89.0750	82.0	PPM	5.31	2.68	1.09	0.506	2.453	4.847	1435.	42.	0.	766.4	25.5	1
1445	0	500	37.8927	89.0759	80.8	PPM	6.83	3.08	0.99	0.451	3.125	6.930	1453.	31.	5.	767.4	25.5	1
1446	10	504	37.8927	89.0766	78.8	PPM	4.56	0.36	1.12	0.0	0.0	4.058	1273.	48.	6.	765.9	25.6	1
1447	0	480	37.8927	89.0774	77.3	PPM	6.29	1.85	0.58	0.294	3.196	10.857	1090.	39.	2.	764.9	25.6	1
1448	0	500	37.8927	89.0781	77.3	PPM	4.13	1.77	0.82	0.429	2.148	5.008	1174.	32.	5.	766.4	25.6	1
1449	0	468	37.8928	89.0789	74.5	PPM	3.00	1.65	0.85	0.550	1.951	3.545	1010.	42.	7.	767.4	25.5	1
1450	0	468	37.8928	89.0796	72.8	PPM	5.09	1.80	0.45	0.354	3.993	11.292	933.	29.	3.	765.9	25.5	1
1451	10	512	37.8928	89.0803	70.5	PPM	4.77	0.84	0.47	0.0	0.0	10.177	907.	33.	6.	764.9	25.5	1
1452	0	512	37.8928	89.0811	70.8	PPM	4.86	1.71	0.51	0.352	3.357	9.527	951.	40.	7.	766.4	25.5	1
1453	10	512	37.8928	89.0818	70.3	PPM	4.74	0.48	0.67	0.0	0.0	7.043	984.	41.	8.	767.4	25.4	1
1454	10	508	37.8928	89.0825	67.8	PPM	6.81	1.58	0.78	0.0	0.0	8.749	1132.	33.	8.	766.4	25.5	1
1455	0	508	37.8928	89.0832	65.5	PPM	4.87	3.57	0.84	0.733	4.246	5.796	1249.	40.	8.	765.4	25.5	1
1456	10	508	37.8928	89.0839	63.3	PPM	6.43	1.15	1.06	0.0	0.0	6.090	1384.	49.	12.	766.4	25.4	1
1457	0	508	37.8928	89.0847	61.8	PPM	8.52	2.82	0.89	0.331	3.172	9.592	1547.	37.	8.	767.4	25.4	1
1458	10	508	37.8928	89.0854	61.8	PPM	7.24	0.42	1.06	0.0	0.0	6.832	1537.	45.	16.	767.4	25.4	1
1459	10	504	37.8928	89.0861	59.0	PPM	8.36	0.41	1.23	0.0	0.0	6.816	1491.	46.	16.	765.4	25.4	1
1460	10	504	37.8928	89.0868	56.8	PPM	7.54	0.70	1.26	0.0	0.0	5.992	1538.	39.	10.	764.3	25.5	1
1461	0	500	37.8928	89.0875	55.5	PPM	6.93	3.57	1.01	0.515	3.527	6.843	1552.	39.	10.	766.4	25.5	1
1462	0	496	37.8928	89.0882	54.5	PPM	7.41	2.37	1.18	0.320	2.002	6.262	1580.	48.	9.	767.4	25.5	1
1463	10	496	37.8928	89.0890	53.0	PPM	7.21	1.51	1.20	0.0	0.0	6.010	1559.	45.	9.	765.4	25.6	1
1464	10	496	37.8928	89.0897	52.3	PPM	6.53	1.40	1.38	0.0	0.0	4.743	1612.	47.	8.	765.4	25.5	1
1465	0	496	37.8928	89.0904	50.3	PPM	9.72	2.05	1.23	0.211	1.670	7.916	1580.	25.	9.	767.4	25.5	1
1466	0	496	37.8929	89.0912	48.0	PPM	6.92	2.99	1.20	0.432	2.482	5.748	1590.	35.	3.	767.4	25.5	1
1467	0	496	37.8929	89.0919	46.0	PPM	6.75	4.33	0.97	0.641	4.463	6.958	1535.	29.	2.	765.4	25.5	1
1468	0	500	37.8929	89.0926	45.8	PPM	4.36	3.89	1.33	0.892	2.935	3.289	1546.	38.	4.	765.4	25.5	1
1469	0	500	37.8929	89.0933	43.8	PPM	9.13	1.73	0.92	0.190	1.875	9.879	1476.	27.	4.	766.4	25.5	1
1470	0	504	37.8929	89.0941	40.8	PPM	7.03	1.71	1.21	0.244	1.414	5.803	1478.	38.	0.	766.4	25.6	1
1471	10	512	37.8929	89.0947	39.3	PPM	8.41	1.42	0.96	0.0	0.0	8.743	1501.	36.	2.	764.9	25.5	1
1472	0	512	37.8929	89.0954	38.3	PPM	7.53	2.09	1.00	0.278	2.098	7.554	1486.	41.	2.	764.9	25.5	1
1473	0	504	37.8929	89.0961	37.8	PPM	7.41	3.79	1.22	0.511	3.112	6.090	1630.	35.	6.	766.9	25.5	1
1474	10	496	37.8929	89.0968	36.5	PPM	9.64	0.18	1.26	0.0	0.0	7.628	1500.	43.	6.	766.4	25.4	1
1475	0	484	37.8929	89.0976	35.8	PPM	5.93	3.23	1.39	0.544	2.317	4.262	1593.	45.	5.	764.3	25.4	1
1476	0	476	37.8929	89.0983	34.8	PPM	7.50	2.64	1.38	0.353	1.921	5.447	1655.	42.	8.	765.4	25.5	1
1477	0	472	37.8929	89.0990	32.0	PPM	7.57	5.51	1.11	0.728	4.977	6.837	1614.	39.	0.	767.4	25.4	1
1478	0	464	37.8929	89.0998	32.3	PPM	9.50	3.11	0.88	0.327	3.521	10.765	1589.	40.	3.	767.4	25.4	1
1479	0	452	37.8929	89.1005	31.0	PPM	5.90	2.14	1.06	0.362	2.012	5.552	1512.	50.	9.	766.4	25.4	1
1480	0	444	37.8929	89.1012	30.3	PPM	9.10	3.38	1.01	0.372	3.347	9.007	1656.	36.	3.	766.4	25.4	1
1481	0	444	37.8929	89.1019	29.3	PPM	8.05	3.35	1.17	0.417	2.874	6.896	1646.	32.	1.	766.4	25.4	1
1482	0	436	37.8929	89.1026	27.8	PPM	7.67	2.58	0.96	0.336	2.687	8.002	1600.	31.	6.	766.9	25.5	1
1483	0	428	37.8929	89.1033	27.3	PPM	8.19	2.16	1.33	0.264	1.633	6.182	1527.	32.	3.	766.9	25.5	1
1484	0	428	37.8929	89.1040	28.3	PPM	8.22	2.80	1.02	0.341	2.757	8.081	1582.	32.	5.	764.9	25.5	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1485	0	436	37.8929	89.1048	26.3	PPM	7.35	3.07	1.42	0.418	2.169	5.190	1665.	37.	3.	764.9	25.5	1
1486	0	432	37.8929	89.1055	23.8	PPM	10.32	3.72	1.02	0.361	3.637	10.083	1588.	36.	2.	768.0	25.5	1
1487	0	428	37.8929	89.1062	23.3	PPM	8.00	2.38	1.05	0.297	2.253	7.590	1652.	33.	5.	766.9	25.5	1
1488	0	428	37.8929	89.1069	24.3	PPM	8.22	2.03	1.09	0.247	1.860	7.518	1606.	44.	5.	764.3	25.6	1
1489	0	428	37.8929	89.1076	23.5	PPM	5.91	2.33	1.10	0.393	2.123	5.395	1541.	44.	6.	765.4	25.6	1
1490	0	428	37.8929	89.1084	22.5	PPM	5.98	4.04	1.03	0.675	3.913	5.798	1483.	51.	3.	766.4	25.6	1
1491	0	432	37.8929	89.1090	22.8	PPM	7.19	4.02	1.23	0.559	3.272	5.853	1566.	22.	3.	767.4	25.5	1
1492	0	432	37.8929	89.1097	19.3	PPM	5.36	3.71	1.18	0.693	3.160	4.562	1576.	46.	6.	766.4	25.6	1
1493	0	428	37.8929	89.1105	16.8	PPM	6.95	1.88	1.04	0.270	1.807	6.687	1441.	48.	3.	765.4	25.6	1
1494	0	452	37.8930	89.1112	16.3	PPM	6.78	2.96	0.87	0.437	3.405	7.797	1437.	39.	2.	765.4	25.6	1
1495	0	460	37.8930	89.1119	16.8	PPM	6.08	3.14	0.82	0.517	3.826	7.406	1453.	44.	3.	766.9	25.6	1
1496	0	464	37.8930	89.1127	17.5	PPM	7.30	2.60	1.24	0.356	2.089	5.863	1459.	45.	4.	768.0	25.6	1
1497	10	460	37.8930	89.1134	16.0	PPM	8.15	1.43	0.76	0.0	0.0	10.702	1444.	43.	7.	766.9	25.6	1
1498	0	460	37.8930	89.1141	14.5	PPM	6.24	2.10	1.26	0.337	1.675	4.970	1464.	32.	5.	764.9	25.6	1
1499	0	452	37.8930	89.1148	13.5	PPM	5.67	3.08	0.85	0.544	3.643	6.700	1431.	35.	8.	765.4	25.5	1
1500	10	448	37.8930	89.1156	14.8	PPM	6.36	0.82	0.93	0.0	0.0	6.839	1388.	37.	9.	767.4	25.5	1
1501	0	440	37.8930	89.1162	13.5	PPM	6.70	3.78	0.90	0.564	4.212	7.469	1447.	37.	5.	766.9	25.5	1
1502	0	440	37.8930	89.1169	12.3	PPM	6.92	3.90	0.81	0.563	4.818	8.560	1520.	34.	5.	764.9	25.5	1
1503	0	452	37.8929	89.1177	13.0	PPM	9.15	1.99	0.96	0.217	2.063	9.499	1519.	44.	9.	765.9	25.5	1
1504	0	460	37.8929	89.1183	12.0	PPM	6.89	2.01	1.23	0.292	1.638	5.607	1566.	48.	8.	767.4	25.6	1
1505	0	468	37.8929	89.1191	10.5	PPM	8.10	1.79	1.00	0.221	1.784	8.074	1484.	48.	8.	766.4	25.6	1
1506	0	472	37.8929	89.1198	10.0	PPM	5.87	2.12	1.24	0.361	1.706	4.726	1490.	30.	10.	765.4	25.6	1
1507	10	472	37.8929	89.1205	11.3	PPM	6.19	0.60	0.90	0.0	0.0	6.861	1500.	42.	11.	766.4	25.5	1
1508	0	476	37.8930	89.1212	10.5	PPM	5.17	2.18	1.11	0.421	1.959	4.651	1516.	35.	12.	767.4	25.6	1
1509	10	472	37.8930	89.1220	9.8	PPM	6.61	1.40	0.80	0.0	0.0	8.314	1446.	36.	15.	765.4	25.6	1
1510	10	472	37.8930	89.1227	10.8	PPM	5.80	1.72	0.98	0.0	0.0	5.906	1523.	35.	14.	765.4	25.6	1
1511	10	476	37.8930	89.1234	11.3	PPM	7.25	1.62	0.97	0.0	0.0	7.437	1577.	23.	14.	766.4	25.6	1
1512	10	476	37.8930	89.1241	10.0	PPM	6.28	1.39	0.95	0.0	0.0	6.584	1445.	31.	12.	766.4	25.6	1
1513	10	476	37.8930	89.1248	9.0	PPM	7.57	1.68	1.14	0.0	0.0	6.611	1398.	45.	11.	764.9	25.6	1
1514	0	472	37.8930	89.1256	9.0	PPM	5.36	3.92	0.89	0.731	4.391	6.005	1433.	39.	10.	764.9	25.6	1
1515	0	472	37.8930	89.1263	9.8	PPM	5.43	4.26	0.87	0.784	4.895	6.240	1388.	37.	6.	766.9	25.6	1
1516	10	476	37.8930	89.1270	10.3	PPM	7.66	1.36	0.84	0.0	0.0	9.098	1407.	37.	9.	766.9	25.7	1
1517	10	480	37.8930	89.1277	11.0	PPM	7.34	1.48	1.29	0.0	0.0	5.706	1521.	38.	8.	765.4	25.6	1
1518	0	480	37.8930	89.1285	11.3	PPM	7.74	3.73	0.85	0.482	4.385	9.100	1456.	31.	6.	765.4	25.6	1
1519	0	480	37.8930	89.1292	12.3	PPM	6.91	2.58	1.10	0.374	2.344	6.269	1492.	40.	7.	767.4	25.6	1
1520	0	480	37.8930	89.1299	11.8	PPM	5.33	2.22	0.94	0.416	2.349	5.641	1464.	36.	8.	767.4	25.6	1
1521	0	480	37.8930	89.1306	11.3	PPM	4.22	3.53	0.70	0.838	5.071	6.052	1421.	45.	4.	765.4	25.6	1
1522	0	480	37.8931	89.1312	11.8	PPM	6.29	2.49	0.94	0.397	2.665	6.721	1495.	34.	4.	766.4	25.6	1
1523	0	480	37.8930	89.1320	11.5	PPM	6.42	3.25	0.78	0.506	4.154	8.207	1438.	47.	2.	768.5	25.6	1
1524	0	480	37.8930	89.1327	11.8	PPM	6.33	3.38	1.05	0.535	3.221	6.026	1539.	44.	0.	766.4	25.6	1
1525	0	484	37.8930	89.1334	11.5	PPM	5.28	4.67	0.88	0.885	5.316	6.007	1443.	44.	0.	765.4	25.6	1
1526	0	480	37.8930	89.1342	12.8	PPM	4.96	4.51	1.12	0.909	4.014	4.414	1443.	42.	0.	767.4	25.6	1
1527	10	476	37.8930	89.1349	12.8	PPM	7.66	1.00	1.02	0.0	0.0	7.497	1455.	34.	2.	767.4	25.6	1
1528	0	484	37.8930	89.1356	13.8	PPM	7.69	2.71	0.98	0.352	2.771	7.881	1343.	52.	3.	765.9	25.6	1
1529	0	484	37.8930	89.1364	14.8	PPM	7.66	2.75	1.02	0.359	2.704	7.534	1454.	45.	5.	765.9	25.6	1
1530	10	476	37.8930	89.1371	14.0	PPM	7.22	0.86	0.94	0.0	0.0	7.717	1403.	43.	8.	766.9	25.6	1
1531	0	420	37.8930	89.1377	16.5	PPM	4.20	1.88	0.82	0.447	2.292	5.130	1316.	37.	11.	768.0	25.6	1
1532	0	420	37.8930	89.1385	16.5	PPM	5.09	2.62	0.78	0.515	3.363	6.532	1358.	32.	11.	765.9	25.6	1
1533	0	424	37.8930	89.1392	15.5	PPM	3.47	2.23	0.91	0.642	2.436	3.792	1303.	41.	14.	764.9	25.6	1
1534	0	468	37.8930	89.1399	16.8	PPM	4.64	3.88	1.09	0.836	3.564	4.263	1378.	34.	13.	765.9	25.7	1
1535	0	484	37.8930	89.1406	17.8	PPM	5.18	4.01	0.74	0.773	5.445	7.049	1432.	39.	9.	767.4	25.7	1
1536	0	488	37.8931	89.1414	17.8	PPM	5.82	1.84	1.03	0.316	1.782	5.632	1419.	34.	11.	766.4	25.7	1
1537	0	492	37.8931	89.1421	19.8	PPM	5.63	3.82	1.24	0.679	3.079	4.536	1534.	37.	7.	764.3	25.8	1

CP9 1P12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1538	10	488	37.8931	89.1428	20.8	PPM	8.92	1.67	1.12	0.0	0.0	7.977	1440.	41.	8.	764.3	25.8	1
1539	0	484	37.8931	89.1435	19.0	PPM	6.02	1.93	1.02	0.321	1.891	5.901	1419.	45.	8.	766.4	25.8	1
1540	0	512	37.8931	89.1442	20.3	PPM	8.41	3.85	0.91	0.457	4.216	9.223	1546.	28.	6.	766.4	25.8	1
1541	0	516	37.8931	89.1449	21.0	PPM	7.06	4.27	0.82	0.605	5.221	8.629	1543.	38.	6.	764.3	25.7	1
1542	0	516	37.8931	89.1456	20.5	PPM	7.77	3.91	1.15	0.504	3.418	6.785	1537.	47.	8.	763.8	25.7	1
1543	0	512	37.8931	89.1463	22.5	PPM	7.18	3.13	0.97	0.436	3.212	7.375	1564.	36.	10.	764.9	25.6	1
1544	10	504	37.8931	89.1470	24.8	PPM	7.59	-1.42	1.17	0.0	0.0	6.470	1464.	48.	17.	765.9	25.6	1
1545	0	504	37.8931	89.1478	23.5	PPM	7.45	2.82	1.04	0.379	2.725	7.195	1615.	28.	13.	765.9	25.6	1
1546	0	504	37.8931	89.1485	24.8	PPM	8.26	2.20	0.71	0.266	3.106	11.658	1549.	37.	15.	763.8	25.7	1
1547	10	508	37.8931	89.1492	26.8	PPM	9.04	1.74	0.73	0.0	0.0	12.431	1550.	39.	12.	764.3	25.6	1
1548	0	512	37.8931	89.1499	28.5	PPM	8.11	2.36	0.94	0.291	2.519	8.652	1531.	34.	12.	766.4	25.6	1
1549	0	512	37.8931	89.1507	28.3	PPM	7.85	2.16	1.06	0.276	2.045	7.423	1473.	38.	11.	766.4	25.5	1
1550	10	512	37.8931	89.1514	29.8	PPM	7.98	1.12	1.39	0.0	0.0	5.744	1577.	39.	8.	764.9	25.6	1
1551	0	508	37.8931	89.1521	30.8	PPM	6.79	1.90	0.89	0.279	2.137	7.652	1474.	52.	9.	763.8	25.6	1
1552	10	508	37.8931	89.1528	31.8	PPM	6.52	1.34	1.49	0.0	0.0	4.371	1465.	37.	8.	764.3	25.6	1
1553	0	508	37.8931	89.1535	32.5	PPM	6.59	4.42	0.87	0.670	5.087	7.587	1554.	39.	7.	766.4	25.5	1
1554	0	508	37.8931	89.1543	32.5	PPM	6.33	3.09	0.93	0.488	3.334	6.826	1514.	41.	10.	766.4	25.6	1
1555	0	508	37.8931	89.1550	33.0	PPM	5.41	2.19	1.43	0.405	1.532	3.784	1593.	44.	8.	764.3	25.6	1
1556	0	504	37.8931	89.1557	34.3	PPM	6.56	2.79	0.94	0.426	2.955	6.943	1546.	41.	12.	764.3	25.6	1
1557	0	504	37.8931	89.1564	35.0	PPM	7.15	2.99	0.96	0.418	3.122	7.463	1490.	53.	10.	766.4	25.6	1
1558	0	500	37.8931	89.1572	36.0	PPM	5.61	2.16	1.04	0.385	2.086	5.412	1453.	52.	14.	765.4	25.6	1
1559	0	500	37.8931	89.1579	36.5	PPM	7.17	2.28	0.90	0.318	2.528	7.962	1481.	31.	11.	763.8	25.7	1
1560	10	504	37.8931	89.1585	36.3	PPM	6.77	1.26	1.09	0.0	0.0	6.237	1574.	45.	12.	764.9	25.7	1
1561	10	508	37.8931	89.1592	38.5	PPM	7.52	1.22	1.08	0.0	0.0	6.951	1512.	33.	6.	765.9	25.7	1
1562	0	512	37.8931	89.1599	39.3	PPM	8.11	1.88	1.01	0.231	1.863	8.057	1511.	44.	8.	764.9	25.7	1
1563	10	520	37.8931	89.1607	39.3	PPM	5.43	1.47	1.18	0.0	0.0	4.604	1487.	34.	11.	763.8	25.8	1
1564	10	524	37.8932	89.1614	39.5	PPM	8.56	1.57	1.14	0.0	0.0	7.538	1530.	44.	7.	764.3	25.8	1
1565	10	532	37.8932	89.1621	40.0	PPM	8.24	1.48	1.07	0.0	0.0	7.692	1563.	47.	6.	764.9	25.7	1
1566	0	532	37.8931	89.1629	42.0	PPM	5.53	3.74	1.28	0.675	2.913	4.315	1559.	31.	7.	765.4	25.8	1
1567	0	536	37.8931	89.1636	44.3	PPM	8.49	2.75	1.35	0.324	2.032	6.275	1654.	29.	9.	765.4	25.7	1
1568	0	532	37.8931	89.1643	44.5	PPM	10.96	2.42	0.85	0.221	2.855	12.922	1569.	49.	7.	763.8	25.7	1
1569	0	532	37.8931	89.1650	43.0	PPM	6.65	3.19	1.06	0.480	3.011	6.268	1562.	46.	6.	764.3	25.7	1
1570	0	528	37.8931	89.1657	43.0	PPM	8.54	2.65	0.98	0.311	2.702	8.694	1508.	50.	5.	766.4	25.7	1
1571	0	524	37.8931	89.1665	45.3	PPM	7.25	3.44	1.02	0.474	3.373	7.110	1610.	33.	6.	766.4	25.7	1
1572	0	520	37.8931	89.1672	46.5	PPM	7.37	3.73	1.01	0.507	3.684	7.268	1605.	41.	4.	764.3	25.7	1
1573	0	516	37.8931	89.1679	47.8	PPM	8.32	3.20	0.89	0.384	3.580	9.323	1604.	36.	5.	763.8	25.7	1
1574	0	520	37.8931	89.1686	48.5	PPM	5.17	2.87	1.29	0.556	2.233	4.017	1712.	37.	2.	765.4	25.7	1
1575	0	520	37.8931	89.1693	49.3	PPM	6.26	4.80	0.91	0.767	5.255	6.853	1645.	46.	1.	766.4	25.7	1
1576	0	520	37.8931	89.1700	49.3	PPM	10.28	2.51	1.06	0.244	2.362	9.670	1716.	37.	0.	764.3	25.7	1
1577	0	520	37.8931	89.1708	50.3	PPM	7.54	3.91	1.22	0.519	3.198	6.166	1723.	46.	0.	763.8	25.7	1
1578	0	520	37.8932	89.1715	51.8	PPM	7.31	3.91	1.36	0.535	2.875	5.375	1714.	43.	1.	766.4	25.7	1
1579	0	516	37.8932	89.1722	52.3	PPM	7.99	4.40	1.12	0.551	3.936	7.147	1632.	41.	6.	766.4	25.7	1
1580	0	508	37.8932	89.1729	52.8	PPM	8.10	2.70	1.28	0.334	2.119	6.347	1744.	32.	10.	764.3	25.7	1
1581	0	508	37.8932	89.1736	53.3	PPM	6.60	1.81	1.24	0.275	1.466	5.336	1710.	27.	7.	764.3	25.7	1
1582	0	512	37.8932	89.1743	53.5	PPM	6.42	1.91	1.06	0.298	1.795	6.028	1618.	42.	12.	766.4	25.8	1
1583	10	516	37.8932	89.1750	53.8	PPM	8.80	1.52	1.10	0.0	0.0	7.970	1722.	34.	11.	766.4	25.7	1
1584	10	520	37.8932	89.1758	54.5	PPM	9.63	1.45	1.08	0.0	0.0	8.912	1678.	41.	9.	764.9	25.7	1
1585	0	520	37.8932	89.1765	55.3	QAL	6.25	2.32	1.31	0.371	1.772	4.770	1666.	35.	11.	764.9	25.7	1
1586	0	516	37.8932	89.1772	54.8	QAL	7.43	1.95	1.43	0.263	1.366	5.201	1698.	39.	9.	765.9	25.7	1
1587	0	516	37.8932	89.1779	55.5	QAL	6.43	3.01	1.09	0.469	2.769	5.902	1682.	33.	8.	766.4	25.7	1
1588	0	524	37.8932	89.1787	57.8	QAL	6.29	2.69	1.23	0.427	2.189	5.123	1657.	45.	6.	765.4	25.7	1
1589	0	524	37.8932	89.1794	56.3	QAL	7.13	5.73	1.14	0.804	5.035	6.262	1713.	33.	4.	764.3	25.7	1
1590	0	528	37.8932	89.1801	57.8	QAL	7.62	2.24	1.10	0.294	2.039	6.928	1671.	50.	9.	765.4	25.7	1

CP9 IP 12

*	TAGS		* LOCATION		*			REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1591	0	528	37.8932	89.1808	58.3	QAL	5.78	4.69	1.17	0.810	4.002	4.940	1734.	46.	8.	766.4	25.7	1
1592	0	524	37.8932	89.1815	57.3	QAL	7.73	2.87	1.43	0.372	2.002	5.386	1693.	34.	6.	766.4	25.7	1
1593	0	524	37.8932	89.1822	58.5	QAL	7.02	2.07	1.29	0.295	1.603	5.430	1679.	35.	11.	764.3	25.6	1
1594	0	524	37.8932	89.1829	59.8	PPM	7.58	3.09	1.08	0.408	2.852	6.998	1668.	28.	10.	764.3	25.6	1
1595	0	520	37.8932	89.1837	57.8	PPM	8.91	2.71	1.11	0.304	2.443	8.038	1708.	29.	8.	765.4	25.7	1
1596	0	512	37.8932	89.1844	56.8	PPM	6.34	4.07	1.35	0.643	3.025	4.707	1732.	31.	10.	766.4	25.7	1
1597	0	516	37.8932	89.1851	57.3	PPM	6.36	3.02	1.24	0.476	2.430	5.109	1637.	41.	12.	765.4	25.7	1
1598	0	524	37.8932	89.1859	57.5	PPM	8.72	2.54	1.22	0.291	2.082	7.144	1668.	48.	10.	764.3	25.7	1
1599	10	524	37.8932	89.1866	57.8	PPM	5.41	0.55	1.31	0.0	0.0	4.137	1658.	47.	14.	764.3	25.6	1
1600	10	520	37.8932	89.1872	58.8	PPM	6.86	-0.20	1.51	0.0	0.0	4.533	1683.	44.	12.	766.4	25.6	1
1601	0	516	37.8932	89.1879	60.0	PPM	8.24	2.12	1.33	0.257	1.592	6.188	1615.	31.	10.	765.4	25.6	1
1602	0	508	37.8932	89.1887	60.0	PPM	7.70	2.08	1.05	0.271	1.978	7.312	1543.	36.	7.	763.8	25.6	1
1603	10	500	37.8932	89.1894	60.8	PPM	9.86	0.65	1.01	0.0	0.0	9.777	1449.	43.	6.	765.4	25.4	1
1604	0	496	37.8932	89.1901	61.8	PPM	6.47	4.20	1.03	0.649	4.092	6.306	1567.	42.	6.	766.4	25.6	1
1605	0	492	37.8932	89.1908	61.0	PPM	7.20	3.11	1.28	0.432	2.437	5.638	1581.	40.	3.	764.3	25.6	1
1606	0	488	37.8933	89.1916	61.3	PPM	6.86	2.85	1.04	0.415	2.737	6.597	1577.	35.	12.	765.4	25.6	1
1607	0	496	37.8933	89.1923	61.3	PPM	7.16	2.10	1.23	0.294	1.704	5.800	1526.	42.	9.	766.4	25.6	1
1608	10	488	37.8932	89.1930	61.5	PPM	6.01	0.87	1.25	0.0	0.0	4.823	1500.	46.	12.	766.4	25.6	1
1609	0	448	37.8932	89.1937	62.3	PPM	4.02	2.20	0.96	0.548	2.295	4.190	1413.	44.	13.	765.4	25.5	1
1610	10	448	37.8932	89.1944	61.3	PPM	8.57	0.64	1.10	0.0	0.0	7.763	1372.	34.	13.	765.4	25.6	1
1611	10	460	37.8932	89.1951	61.8	PPM	7.25	0.03	1.09	0.0	0.0	6.643	1418.	35.	14.	766.4	25.6	1
1612	10	468	37.8932	89.1958	62.3	PPM	6.37	0.28	1.02	0.0	0.0	6.252	1405.	33.	18.	767.4	25.6	1
1613	10	472	37.8932	89.1965	63.5	PPM	4.01	1.63	1.14	0.0	0.0	3.520	1469.	30.	19.	765.4	25.6	1
1614	10	480	37.8932	89.1973	63.0	QAL	6.94	1.09	0.83	0.0	0.0	8.397	1456.	45.	13.	764.3	25.6	1
1615	0	488	37.8932	89.1980	63.5	QAL	5.98	2.06	0.90	0.344	2.283	6.629	1366.	37.	15.	765.4	25.7	1
1616	10	516	37.8932	89.1987	62.3	QAL	8.19	1.48	1.00	0.0	0.0	8.219	1478.	33.	16.	766.4	25.6	1
1617	10	540	37.8932	89.1995	63.8	QAL	7.80	-0.20	1.22	0.0	0.0	6.380	1486.	49.	14.	766.4	25.6	1
1618	10	528	37.8932	89.2002	64.0	QAL	6.40	0.60	1.04	0.0	0.0	6.178	1513.	28.	17.	764.9	25.6	1
1619	10	520	37.8932	89.2008	63.8	QAL	10.42	0.44	1.04	0.0	0.0	9.977	1465.	48.	14.	763.3	25.6	1
1620	10	516	37.8932	89.2016	62.5	QAL	9.16	1.21	1.08	0.0	0.0	8.484	1534.	38.	12.	764.9	25.5	1
1621	0	524	37.8932	89.2023	61.3	QAL	9.35	2.31	0.93	0.247	2.495	10.092	1537.	36.	10.	766.9	25.5	1
1622	10	520	37.8932	89.2031	61.5	QAL	8.21	0.72	1.28	0.0	0.0	6.406	1586.	43.	9.	765.9	25.5	1
1623	0	516	37.8932	89.2039	62.5	PPM	7.91	3.32	0.77	0.420	4.311	10.274	1548.	39.	7.	763.8	25.5	1
1624	0	520	37.8932	89.2046	61.0	PPM	7.58	2.47	1.12	0.326	2.203	6.758	1604.	34.	4.	765.4	25.6	1
1625	0	524	37.8932	89.2054	60.3	PPM	6.35	3.29	0.92	0.519	3.578	6.901	1624.	42.	4.	766.4	25.6	1
1626	0	520	37.8932	89.2061	60.8	PPM	4.26	2.78	1.52	0.652	1.830	2.807	1498.	45.	2.	764.9	25.6	1
1627	0	516	37.8932	89.2068	58.8	PPM	7.05	4.40	1.19	0.625	3.690	5.905	1604.	53.	2.	763.8	25.5	1
1628	0	516	37.8932	89.2076	59.0	PPM	7.18	2.78	1.18	0.387	2.359	6.102	1702.	52.	5.	764.9	25.5	1
1629	10	516	37.8932	89.2084	61.0	PPM	8.30	1.58	1.18	0.0	0.0	7.038	1715.	42.	6.	765.9	25.5	1
1630	0	512	37.8932	89.2091	59.8	PPM	8.78	4.22	0.86	0.481	4.892	10.167	1662.	43.	3.	765.9	25.6	1
1631	10	512	37.8932	89.2098	59.3	PPM	8.09	1.55	1.17	0.0	0.0	6.940	1658.	48.	6.	763.8	25.6	1
1632	0	512	37.8932	89.2106	61.0	PPM	9.89	3.21	1.19	0.325	2.687	8.277	1785.	33.	7.	764.9	25.6	1
1633	0	512	37.8932	89.2113	61.0	PPM	7.06	3.39	1.47	0.480	2.309	4.809	1697.	35.	7.	767.4	25.6	1
1634	10	504	37.8932	89.2121	60.5	PPM	8.30	1.70	1.09	0.0	0.0	7.615	1640.	28.	7.	766.4	25.6	1
1635	0	504	37.8932	89.2129	60.0	PPM	7.78	2.65	0.79	0.341	3.373	9.906	1646.	56.	11.	764.9	25.6	1
1636	0	508	37.8932	89.2136	60.3	PPM	6.32	2.47	1.14	0.392	2.167	5.532	1597.	41.	12.	764.9	25.6	1
1637	10	512	37.8932	89.2143	61.3	PPM	9.00	0.40	1.17	0.0	0.0	7.665	1605.	47.	12.	764.9	25.6	1
1638	10	512	37.8932	89.2151	60.0	PPM	8.44	1.34	0.80	0.0	0.0	10.589	1673.	27.	10.	765.9	25.6	1
1639	10	512	37.8932	89.2159	60.8	PPM	7.01	1.67	1.26	0.0	0.0	5.575	1543.	47.	8.	764.9	25.6	1
1640	0	508	37.8932	89.2166	59.3	PPM	6.47	1.82	1.17	0.280	1.546	5.515	1486.	51.	7.	763.8	25.6	1
1641	10	508	37.8931	89.2174	58.8	PPM	10.28	0.74	1.16	0.0	0.0	8.870	1643.	32.	8.	765.9	25.5	1
1642	0	504	37.8931	89.2181	58.5	PPM	6.00	4.07	1.02	0.678	4.003	5.905	1595.	44.	2.	766.9	25.5	1
1643	0	500	37.8931	89.2188	57.5	PPM	7.61	1.87	1.18	0.246	1.590	6.469	1552.	45.	5.	764.9	25.6	1

CP9 1P12

* TAGS *			* LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1644	0	496	37.8931	89.2196	57.8	PPM	6.24	3.14	0.97	0.503	3.238	6.443	1486.	41.	4.	764.9	25.5	1
1645	0	488	37.8931	89.2203	59.8	PPM	6.29	3.42	0.73	0.543	4.667	8.591	1448.	39.	3.	765.9	25.5	1
1646	0	488	37.8931	89.2210	59.8	PPM	8.88	3.29	1.17	0.370	2.818	7.613	1518.	32.	0.	766.9	25.6	1
1647	0	488	37.8931	89.2218	58.3	PPM	9.07	2.76	1.04	0.304	2.657	8.734	1543.	43.	1.	765.9	25.6	1
1648	0	488	37.8931	89.2225	58.0	PPM	8.34	1.69	1.28	0.202	1.324	6.540	1498.	36.	4.	764.9	25.6	1
1649	0	484	37.8931	89.2233	58.0	PPM	7.69	4.38	0.84	0.570	5.213	9.147	1552.	40.	3.	765.9	25.6	1
1650	0	484	37.8931	89.2241	58.5	PPM	9.04	2.22	1.02	0.246	2.171	8.843	1592.	31.	3.	766.9	25.6	1
1651	0	480	37.8931	89.2248	61.5	PPM	7.45	3.03	0.95	0.406	3.179	7.830	1475.	43.	4.	765.4	25.6	1
1652	0	480	37.8931	89.2256	63.3	PPM	6.54	3.12	0.81	0.477	3.853	8.075	1379.	44.	4.	764.3	25.6	1
1653	0	488	37.8931	89.2263	62.5	PPM	7.28	3.02	1.13	0.415	2.683	6.466	1559.	48.	7.	766.4	25.6	1
1654	10	492	37.8931	89.2271	61.0	PPM	8.42	1.26	1.13	0.0	0.0	7.445	1632.	25.	6.	767.4	25.7	1
1655	0	500	37.8931	89.2278	61.0	PPM	8.80	1.73	1.08	0.197	1.607	8.179	1564.	33.	4.	765.4	25.8	1
1656	0	504	37.8931	89.2285	62.0	PPM	8.53	3.12	1.05	0.366	2.972	8.122	1543.	34.	2.	764.9	25.8	1
1657	0	508	37.8931	89.2293	61.3	PPM	8.85	3.44	1.08	0.388	3.174	8.175	1442.	38.	2.	765.9	25.8	1
1658	0	512	37.8931	89.2300	61.8	PPM	5.80	3.60	0.99	0.621	3.645	5.866	1455.	33.	6.	765.9	25.8	1
1659	0	512	37.8931	89.2307	62.3	PPM	7.67	4.80	0.82	0.626	5.869	9.374	1417.	40.	1.	764.9	25.9	1
1660	0	516	37.8931	89.2316	62.0	PPM	7.24	1.99	0.74	0.275	2.695	9.806	1303.	34.	1.	764.3	25.9	1
1661	0	516	37.8931	89.2323	61.0	PPM	6.07	4.03	0.85	0.664	4.724	7.113	1350.	40.	0.	764.9	25.9	1
1662	0	512	37.8931	89.2330	61.0	PPM	5.60	3.42	0.80	0.611	4.279	7.002	1315.	36.	1.	765.9	25.9	1
1663	0	512	37.8931	89.2338	62.3	PPM	4.74	2.17	0.77	0.458	2.834	6.185	1198.	46.	3.	764.9	25.9	1
1664	0	512	37.8931	89.2345	63.8	PPM	6.44	2.48	0.50	0.385	4.950	12.870	1090.	36.	3.	763.8	25.9	1
1665	0	508	37.8931	89.2352	62.0	PPM	4.58	2.74	0.73	0.599	3.768	6.287	1069.	48.	2.	765.4	25.9	1
1666	0	508	37.8930	89.2361	61.3	PPM	4.73	3.14	0.78	0.664	4.034	6.073	1180.	26.	7.	766.4	25.9	1
1667	0	516	37.8930	89.2368	61.3	PPM	3.65	3.03	0.71	0.832	4.282	5.148	1140.	54.	6.	765.4	25.8	1
1668	0	516	37.8930	89.2375	63.0	PPM	3.81	2.21	0.95	0.580	2.317	3.993	1269.	33.	10.	764.3	25.8	1
1669	0	516	37.8930	89.2383	62.8	PPM	6.31	2.66	0.60	0.422	4.459	10.576	1429.	36.	11.	764.9	25.7	1
1670	0	508	37.8930	89.2390	62.8	PPM	8.15	3.19	0.95	0.391	3.355	8.584	1425.	39.	2.	765.9	25.7	1
1671	0	504	37.8930	89.2398	65.0	PPM	7.85	2.57	0.75	0.327	3.412	10.418	1462.	48.	8.	766.4	25.7	1
1672	0	500	37.8930	89.2405	65.0	PPM	7.79	3.60	0.97	0.462	3.692	7.991	1437.	46.	5.	765.4	25.7	1
1673	0	492	37.8930	89.2412	64.8	PPM	10.06	2.75	1.02	0.274	2.690	9.834	1521.	35.	0.	764.3	25.7	1
1674	0	488	37.8930	89.2420	66.0	PPM	6.65	3.66	1.08	0.551	3.384	6.143	1403.	44.	2.	765.9	25.8	1
1675	0	484	37.8930	89.2428	65.8	PPM	9.99	3.51	0.50	0.351	7.071	20.139	1597.	46.	0.	766.9	25.7	1
1676	0	484	37.8930	89.2435	64.8	PPM	10.12	1.88	0.94	0.186	2.009	10.817	1532.	32.	0.	765.9	25.7	1
1677	10	480	37.8930	89.2443	66.0	PPM	6.97	1.44	1.34	0.0	0.0	5.180	1465.	43.	0.	764.9	25.7	1
1678	0	472	37.8930	89.2450	67.8	PPM	9.04	3.04	1.03	0.337	2.941	8.736	1499.	43.	0.	764.9	25.7	1
1679	0	468	37.8930	89.2458	67.0	PPM	7.35	2.42	0.85	0.330	2.841	8.609	1454.	46.	1.	765.4	25.8	1
1680	0	464	37.8930	89.2465	67.8	PPM	9.41	2.31	0.92	0.246	2.512	10.209	1489.	50.	2.	766.4	25.8	1
1681	0	460	37.8930	89.2473	67.0	PPM	6.90	4.08	0.91	0.592	4.485	7.578	1600.	33.	2.	767.4	25.7	1
1682	0	456	37.8930	89.2480	65.5	PPM	7.52	2.59	1.17	0.344	2.207	6.413	1573.	35.	5.	766.4	25.8	1
1683	0	452	37.8930	89.2487	65.3	PPM	7.57	3.41	0.83	0.451	4.099	9.090	1433.	42.	1.	765.4	25.8	1
1684	0	452	37.8930	89.2495	67.0	PPM	6.71	3.59	0.97	0.534	3.694	6.912	1512.	32.	2.	764.3	25.8	1
1685	0	452	37.8929	89.2503	67.0	PPM	6.69	2.92	1.02	0.436	2.858	6.552	1507.	37.	1.	765.4	25.9	1
1686	0	456	37.8929	89.2510	65.8	PPCA-1	6.98	2.38	1.00	0.342	2.377	6.958	1474.	54.	0.	766.4	25.9	1
1687	0	456	37.8929	89.2517	66.8	PPCA-1	7.37	2.52	1.04	0.342	2.422	7.076	1431.	37.	4.	767.4	25.8	1
1688	10	456	37.8929	89.2525	68.0	PPCA-1	8.42	0.94	1.18	0.0	0.0	7.154	1532.	31.	5.	767.4	25.8	1
1689	0	452	37.8929	89.2532	67.3	PPCA-1	5.65	2.33	1.01	0.412	2.296	5.576	1432.	39.	6.	766.4	25.8	1
1690	0	452	37.8929	89.2539	66.8	PPCA-1	6.43	2.74	1.02	0.426	2.678	6.289	1456.	32.	6.	765.4	25.9	1
1691	0	452	37.8929	89.2547	66.3	PPCA-1	5.17	3.34	0.90	0.647	3.733	5.768	1438.	49.	6.	764.3	25.9	1
1692	10	452	37.8929	89.2555	67.0	PPCA-1	7.42	1.09	0.99	0.0	0.0	7.528	1524.	34.	6.	764.3	25.9	1
1693	0	452	37.8929	89.2562	67.3	PPCA-1	7.92	1.82	1.03	0.230	1.764	7.671	1458.	46.	4.	765.9	25.9	1
1694	0	456	37.8929	89.2570	66.3	PPCA-1	3.81	3.25	1.27	0.853	2.563	3.004	1497.	41.	7.	766.9	25.9	1
1695	0	464	37.8929	89.2577	66.5	PPCA-1	8.30	2.37	0.83	0.286	2.861	10.015	1484.	43.	7.	765.9	25.9	1
1696	0	468	37.8929	89.2585	66.0	PPCA-1	7.28	3.94	0.85	0.541	4.626	8.544	1435.	50.	1.	764.3	25.9	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1697	0	488	37.8929	89.2592	65.5	PPCA-1	6.25	3.75	0.92	0.599	4.089	6.825	1476.	32.	3.	763.8	25.9	1
1698	10	476	37.8929	89.2599	65.8	PPCA-1	7.05	1.03	1.28	0.0	0.0	5.513	1488.	46.	7.	764.3	25.9	1
1699	0	460	37.8929	89.2607	66.0	PPCA-1	5.58	2.25	1.37	0.403	1.637	4.060	1558.	42.	7.	765.4	25.9	1
1700	0	492	37.8929	89.2615	65.5	PPCA-1	6.89	4.65	1.15	0.676	4.058	6.005	1723.	40.	8.	765.4	25.9	1
1701	0	512	37.8929	89.2622	64.5	PPCA-1	8.55	4.24	1.64	0.495	2.585	5.217	1828.	43.	8.	764.3	26.0	1
1702	0	492	37.8929	89.2629	65.0	PPCA-1	5.86	2.40	1.48	0.410	1.619	3.949	1670.	39.	14.	763.8	26.0	1
1703	10	500	37.8929	89.2637	65.0	PPCA-1	8.07	1.85	1.85	0.0	0.0	4.372	1770.	46.	12.	763.8	25.9	1
1704	0	500	37.8929	89.2645	64.8	PPCA-1	8.44	3.03	1.56	0.359	1.948	5.424	1805.	43.	13.	764.3	25.9	1
1705	0	500	37.8929	89.2652	65.0	PPCA-1	5.81	3.28	1.46	0.565	2.248	3.982	1783.	44.	14.	765.4	25.8	1
1706	0	512	37.8928	89.2660	65.0	PPCA-1	7.97	3.39	1.69	0.426	2.012	4.726	1915.	29.	16.	765.4	25.8	1
1707	0	496	37.8928	89.2667	65.5	PPCA-1	7.35	4.06	1.21	0.553	3.368	6.089	1697.	45.	13.	764.3	25.8	1
1708	0	480	37.8928	89.2674	65.5	PPCA-1	5.02	3.27	1.07	0.651	3.069	4.712	1326.	44.	10.	763.8	25.7	1
1709	0	500	37.8928	89.2682	64.5	PPCA-1	5.12	2.68	0.90	0.524	2.974	5.678	1289.	52.	7.	763.8	25.7	1
1710	10	496	37.8928	89.2690	64.3	PPCA-1	6.52	0.16	0.99	0.0	0.0	6.561	1273.	26.	11.	765.4	25.7	1
1711	10	508	37.8928	89.2697	64.3	PPCA-1	6.78	0.94	0.96	0.0	0.0	7.063	1233.	45.	8.	766.4	25.7	1
1712	0	488	37.8928	89.2705	64.3	PPCA-1	5.97	2.02	0.57	0.338	3.513	10.389	1241.	34.	6.	765.9	25.7	1
1713	0	488	37.8928	89.2712	64.3	PPCA-1	7.79	2.16	1.34	0.277	1.609	5.800	1401.	39.	5.	764.9	25.7	1
1714	0	492	37.8928	89.2719	62.8	PPCA-1	6.14	3.82	1.27	0.623	3.022	4.853	1500.	41.	7.	764.3	25.7	1
1715	0	484	37.8928	89.2727	61.8	PPCA-1	7.58	2.86	1.22	0.378	2.356	6.234	1395.	40.	3.	764.9	25.8	1
1716	0	484	37.8928	89.2734	64.0	PPCA-1	7.83	2.10	0.64	0.268	3.265	12.176	1324.	32.	5.	766.9	25.8	1
1717	0	492	37.8928	89.2742	63.0	PPCA-1	5.24	2.44	0.85	0.466	2.884	6.194	1063.	37.	3.	765.9	25.8	1
1718	0	492	37.8928	89.2750	60.3	PPCA-1	5.20	2.28	0.64	0.438	3.571	8.147	1007.	39.	2.	764.3	25.8	1
1719	10	488	37.8928	89.2757	62.5	PPCA-1	5.22	1.27	0.77	0.0	0.0	6.817	925.	34.	2.	763.8	25.8	1
1720	0	484	37.8928	89.2764	63.0	PPCA-1	3.23	1.45	0.96	0.449	1.503	3.351	1116.	44.	0.	764.9	25.8	1
1721	0	452	37.8928	89.2772	62.0	PPCA-1	6.65	3.41	0.71	0.513	4.803	9.367	1266.	27.	1.	765.9	25.8	1
1722	0	452	37.8928	89.2779	61.0	PPCA-1	6.65	2.55	0.86	0.383	2.963	7.744	1339.	52.	4.	766.9	25.8	1
1723	0	484	37.8928	89.2787	60.8	PPCA-1	6.61	1.98	1.32	0.299	1.495	4.997	1572.	35.	2.	765.9	25.8	1
1724	0	484	37.8928	89.2794	59.5	PPCA-1	6.81	4.20	0.77	0.616	5.459	8.860	1548.	46.	8.	764.3	25.8	1
1725	0	484	37.8928	89.2802	57.8	PPCA-1	6.31	2.30	0.88	0.365	2.603	7.148	1480.	51.	10.	764.3	25.8	1
1726	10	484	37.8927	89.2809	57.5	PPCA-1	6.43	1.53	0.99	0.0	0.0	6.507	1529.	37.	12.	765.4	25.9	1
1727	10	488	37.8927	89.2816	57.0	PPCA-1	5.41	1.16	0.97	0.0	0.0	5.591	1518.	50.	17.	766.4	25.9	1
1728	10	492	37.8927	89.2824	55.5	PPCA-1	5.43	1.43	1.29	0.0	0.0	4.219	1513.	33.	16.	767.4	25.9	1
1729	10	488	37.8927	89.2832	56.0	PPCA-1	7.36	1.93	0.88	0.0	0.0	8.330	1417.	32.	18.	766.9	25.8	1
1730	10	492	37.8927	89.2839	55.0	PPCA-1	7.94	0.59	0.97	0.0	0.0	8.163	1363.	48.	16.	764.9	25.8	1
1731	10	492	37.8927	89.2847	52.3	PPCA-1	5.54	-0.33	0.81	0.0	0.0	6.819	1192.	44.	14.	763.8	25.8	1
1732	10	492	37.8927	89.2854	51.3	PPCA-1	6.30	0.97	1.05	0.0	0.0	5.991	1183.	35.	13.	765.4	25.8	1
1733	10	488	37.8927	89.2861	52.8	PPCA-1	3.91	1.22	0.92	0.0	0.0	4.244	1080.	35.	10.	766.4	25.8	1
1734	10	492	37.8927	89.2869	50.3	PPCA-1	4.54	0.82	0.76	0.0	0.0	5.975	1078.	40.	11.	766.4	25.8	1
1735	0	496	37.8927	89.2876	49.8	PPCA-1	3.61	2.04	0.76	0.565	2.688	4.758	1055.	42.	7.	765.4	25.9	1
1736	0	488	37.8927	89.2884	49.8	PPCA-1	4.56	3.48	0.59	0.764	5.905	7.733	1090.	33.	5.	764.9	25.9	1
1737	0	484	37.8927	89.2892	46.0	PPCA-1	4.31	2.45	0.95	0.569	2.576	4.525	1201.	31.	4.	764.3	25.9	1
1738	0	476	37.8927	89.2899	46.8	PPCA-1	5.71	2.01	0.75	0.352	2.693	7.650	1267.	42.	2.	764.3	25.9	1
1739	0	468	37.8927	89.2906	46.5	PPCA-1	4.63	2.25	0.98	0.486	2.292	4.720	1363.	36.	2.	765.4	25.9	1
1740	0	472	37.8927	89.2914	44.3	PPCA-1	4.43	3.71	0.95	0.837	3.882	4.636	1472.	37.	0.	766.4	25.9	1
1741	10	492	37.8927	89.2921	42.0	PPCA-1	7.71	1.57	1.06	0.0	0.0	7.265	1522.	54.	2.	765.4	25.9	1
1742	0	504	37.8927	89.2928	40.0	PPCA-1	5.39	2.95	1.45	0.547	2.039	3.726	1580.	47.	3.	763.8	25.9	1
1743	0	512	37.8927	89.2937	40.0	PPCA-1	8.33	3.48	1.21	0.417	2.872	6.882	1650.	32.	2.	763.3	25.9	1
1744	0	500	37.8927	89.2944	39.0	PPCA-1	5.44	5.43	1.12	0.998	4.851	4.861	1568.	45.	0.	763.3	25.8	1
1745	0	520	37.8927	89.2951	36.3	PPCA-1	5.42	4.55	1.30	0.839	3.505	4.176	1683.	33.	0.	764.9	25.8	1
1746	0	524	37.8927	89.2959	35.8	PPCA-1	4.59	5.61	1.13	1.223	4.964	4.060	1703.	49.	0.	765.9	25.9	1
1747	0	528	37.8926	89.2966	34.3	QAL	7.89	3.72	1.28	0.472	2.908	6.162	1680.	30.	0.	764.9	25.9	1
1748	0	528	37.8926	89.2974	31.8	QAL	8.47	3.66	1.14	0.432	3.198	7.406	1675.	40.	0.	763.8	25.9	1
1749	0	532	37.8926	89.2981	31.8	QAL	7.78	2.08	1.49	0.268	1.397	5.213	1722.	36.	1.	763.8	25.8	1

CP 9 1P 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1750	0	532	37.8926	89.2989	30.5	QAL	6.88	3.05	1.80	0.444	1.694	3.818	1719.	37.	4.	764.3	25.9	1
1751	10	536	37.8926	89.2996	28.8	QAL	10.02	1.24	1.17	0.0	0.0	8.566	1700.	35.	5.	765.4	26.0	1
1752	0	540	37.8926	89.3004	26.5	QAL	6.62	3.00	1.06	0.453	2.830	6.245	1547.	48.	10.	765.4	26.0	1
1753	10	544	37.8926	89.3011	25.5	PPCA-1	8.54	2.02	1.05	0.0	0.0	8.118	1586.	35.	13.	763.8	26.0	1
1754	0	548	37.8926	89.3018	24.5	PPCA-1	6.96	3.37	1.33	0.485	2.542	5.245	1680.	37.	12.	763.3	26.0	1
1755	10	552	37.8926	89.3026	24.3	PPCA-1	8.35	0.17	1.17	0.0	0.0	7.146	1618.	37.	15.	764.3	26.0	1
1756	0	552	37.8926	89.3034	22.5	PPCA-1	8.23	2.86	1.48	0.347	1.931	5.560	1674.	41.	5.	764.9	25.9	1
1757	10	544	37.8926	89.3041	20.5	PPCA-1	8.60	1.76	1.57	0.0	0.0	5.471	1660.	36.	10.	765.9	26.0	1
1758	0	548	37.8926	89.3048	19.3	PPCA-1	6.15	1.89	1.52	0.307	1.243	4.045	1664.	49.	4.	765.4	26.0	1
1759	10	552	37.8926	89.3056	17.5	PPCA-1	9.12	0.46	1.17	0.0	0.0	7.800	1542.	47.	5.	763.8	26.0	1
1760	0	544	37.8926	89.3063	16.0	PPCA-1	7.40	3.86	1.46	0.522	2.638	5.053	1675.	36.	1.	763.3	26.0	1
1761	10	548	37.8926	89.3071	16.8	PPCA-1	10.08	1.63	1.48	0.0	0.0	6.809	1705.	35.	3.	763.8	26.1	1
1762	0	552	37.8926	89.3078	16.5	PPCA-1	7.81	3.26	1.51	0.417	2.152	5.159	1650.	62.	3.	764.9	26.0	1
1763	0	548	37.8926	89.3086	14.8	PPCA-1	6.81	2.70	1.34	0.396	2.011	5.078	1666.	44.	0.	764.9	26.0	1
1764	0	544	37.8926	89.3093	13.3	PPCA-1	9.19	3.00	1.56	0.326	1.923	5.894	1631.	42.	0.	764.3	26.0	1
1765	0	544	37.8926	89.3101	12.3	PPCA-1	9.98	3.15	1.12	0.315	2.803	8.895	1606.	45.	6.	763.8	26.0	1
1766	0	544	37.8926	89.3108	10.5	PPCA-1	5.14	2.98	1.68	0.580	1.776	3.061	1723.	52.	8.	763.8	26.0	1
1767	0	544	37.8926	89.3116	8.3	PPCA-1	6.29	2.74	1.55	0.436	1.771	4.060	1640.	45.	8.	764.3	26.0	1
1768	0	548	37.8925	89.3123	6.8	PPCA-1	6.31	5.37	0.75	0.851	7.131	8.379	1652.	44.	11.	765.4	26.0	1
1769	10	548	37.8925	89.3130	4.8	PPCA-1	6.78	0.58	1.47	0.0	0.0	4.609	1673.	42.	12.	765.4	26.0	1
1770	10	536	37.8925	89.3138	4.3	PPS	7.74	0.48	1.55	0.0	0.0	4.986	1690.	45.	18.	764.3	26.0	1
1771	10	536	37.8925	89.3146	4.8	PPS	9.33	1.59	1.16	0.0	0.0	8.025	1582.	33.	8.	763.8	26.0	1
1772	10	516	37.8925	89.3154	0.5	PPS	7.92	0.87	1.23	0.0	0.0	6.411	1514.	41.	15.	763.3	26.0	1
1773	10	488	37.8925	89.3161	0.3	PPS	8.32	-0.09	1.30	0.0	0.0	6.418	1450.	33.	13.	764.3	26.0	1
1774	0	532	37.8925	89.3168	0.3	PPS	5.87	5.41	1.10	0.921	4.899	5.317	1614.	33.	7.	765.9	26.1	1
1775	0	532	37.8925	89.3176	-2.5	PPS	5.36	2.70	1.55	0.504	1.735	3.444	1674.	31.	8.	764.9	26.0	1
1776	0	528	37.8925	89.3183	-3.5	PPS	8.11	3.77	1.00	0.465	3.782	8.140	1665.	46.	7.	763.8	26.1	1
1777	0	524	37.8925	89.3191	-3.5	PPS	5.98	2.43	1.52	0.406	1.598	3.935	1602.	36.	6.	764.3	26.0	1
1778	10	520	37.8925	89.3198	-4.5	PPS	7.99	1.47	1.51	0.0	0.0	5.272	1676.	36.	6.	763.8	26.0	1
1779	0	512	37.8925	89.3205	-4.3	PPS	7.07	5.72	1.14	0.809	5.031	6.222	1663.	28.	2.	764.3	26.0	1
1780	0	512	37.8925	89.3214	-8.5	PPS	10.63	4.77	0.77	0.448	6.173	13.766	1599.	51.	1.	766.4	26.1	1
1781	0	512	37.8925	89.3221	-12.3	PPS	5.42	5.00	1.15	0.922	4.345	4.713	1609.	54.	1.	766.4	26.1	1
1782	10	512	37.8925	89.3228	-12.0	PPS	7.97	0.75	1.60	0.0	0.0	4.971	1580.	41.	6.	765.4	26.1	1
1783	0	516	37.8925	89.3236	-14.0	PPS	8.51	3.17	1.04	0.373	3.045	8.162	1588.	29.	3.	764.3	26.1	1
1784	0	524	37.8925	89.3243	-16.3	PPS	6.14	2.70	1.56	0.440	1.731	3.933	1688.	34.	5.	762.8	26.1	1
1785	0	528	37.8925	89.3250	-16.3	PPS	8.02	2.36	1.62	0.294	1.455	4.949	1657.	37.	4.	763.8	26.1	1
1786	0	536	37.8925	89.3258	-17.3	PPS	8.35	3.18	1.08	0.381	2.950	7.737	1670.	31.	6.	764.3	26.1	1
1787	0	540	37.8925	89.3266	-18.8	PPS	8.71	2.29	0.84	0.263	2.726	10.367	1663.	36.	9.	764.3	26.1	1
1788	0	548	37.8925	89.3272	-20.3	PPS	7.46	4.47	1.13	0.599	3.971	6.631	1620.	39.	5.	764.3	26.1	1
1789	0	552	37.8925	89.3280	-22.5	PPS	8.39	2.90	1.37	0.346	2.122	6.142	1689.	38.	4.	763.8	26.1	1
1790	0	556	37.8924	89.3288	-23.5	PPS	5.67	4.84	1.48	0.853	3.265	3.826	1649.	49.	6.	763.8	26.1	1
1791	0	552	37.8924	89.3295	-26.8	PPS	6.23	2.62	1.26	0.420	2.084	4.959	1557.	45.	5.	763.8	26.1	1
1792	0	548	37.8924	89.3303	-27.3	PPS	6.99	2.45	1.27	0.350	1.921	5.484	1584.	42.	8.	763.8	26.1	1
1793	0	544	37.8924	89.3310	-26.5	PPS	7.28	2.10	1.63	0.289	1.294	4.476	1680.	37.	7.	765.4	26.0	1
1794	0	540	37.8924	89.3318	-28.0	PPS	6.41	3.26	1.53	0.508	2.134	4.203	1548.	44.	8.	765.4	26.1	1
1795	0	540	37.8924	89.3326	-30.8	PPS	6.82	2.95	1.08	0.433	2.737	6.324	1582.	45.	7.	764.3	26.0	1
1796	0	532	37.8924	89.3334	-33.0	PPS	7.68	2.26	1.20	0.295	1.881	6.384	1555.	43.	9.	763.8	26.1	1
1797	0	528	37.8924	89.3341	-33.0	PPS	7.13	1.93	1.07	0.271	1.815	6.690	1494.	36.	6.	762.8	26.1	1
1798	10	524	37.8924	89.3349	-35.3	PPS	6.86	1.33	1.16	0.0	0.0	5.936	1598.	37.	14.	763.8	26.1	1
1799	10	524	37.8924	89.3356	-36.8	PPS	10.67	0.48	1.48	0.0	0.0	7.232	1712.	44.	14.	765.4	26.1	1
1800	10	528	37.8924	89.3364	-37.0	PPS	7.09	1.41	1.13	0.0	0.0	6.292	1703.	37.	12.	765.4	26.1	1
1801	0	528	37.8924	89.3372	-38.3	PPS	8.02	2.20	1.26	0.274	1.754	6.393	1603.	41.	10.	764.9	26.0	1
1802	0	524	37.8924	89.3379	-41.0	PPS	8.49	3.43	1.20	0.404	2.860	7.075	1672.	30.	11.	764.9	26.0	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1803	0	520	37.8924	89.3387	-42.8	PPS	7.33	4.00	0.99	0.546	4.041	7.400	1587.	44.	9.	763.3	26.0	1
1804	0	520	37.8924	89.3394	-45.3	PPS	7.92	2.24	1.20	0.283	1.862	6.574	1674.	27.	8.	762.8	26.0	1
1805	0	540	37.8924	89.3402	-46.8	PPS	5.51	3.41	1.25	0.619	2.724	4.402	1592.	34.	8.	764.3	26.1	1
1806	0	548	37.8924	89.3410	-48.8	PPS	6.47	2.53	1.29	0.390	1.963	5.032	1660.	46.	10.	765.4	26.2	1
1807	10	552	37.8924	89.3417	-51.5	PPS	7.87	1.26	1.31	0.0	0.0	5.991	1538.	35.	4.	764.3	26.2	1
1808	0	556	37.8924	89.3425	-52.3	QAL	5.17	2.21	1.30	0.427	1.693	3.968	1536.	24.	6.	763.8	26.2	1
1809	10	560	37.8924	89.3432	-55.8	QAL	7.82	-0.09	1.27	0.0	0.0	6.133	1459.	43.	8.	762.8	26.2	1
1810	0	568	37.8923	89.3440	-59.3	QAL	7.44	2.81	1.14	0.378	2.455	6.498	1564.	39.	6.	762.8	26.3	1
1811	0	576	37.8923	89.3447	-60.8	QAL	5.32	4.24	1.21	0.797	3.498	4.388	1526.	31.	7.	764.3	26.3	1
1812	0	580	37.8923	89.3456	-61.3	QAL	5.93	4.62	0.95	0.779	4.847	6.220	1548.	34.	4.	764.3	26.3	1
1813	10	584	37.8923	89.3463	-64.8	QAL	5.89	1.84	1.31	0.0	0.0	4.497	1553.	35.	6.	763.8	26.2	1
1814	0	580	37.8923	89.3470	-66.5	QAL	6.78	2.74	1.46	0.404	1.876	4.641	1564.	36.	4.	762.8	26.2	1
1815	0	580	37.8923	89.3478	-69.5	QAL	8.10	3.65	1.05	0.451	3.488	7.735	1642.	30.	2.	762.3	26.1	1
1816	0	580	37.8923	89.3486	-71.3	QAL	8.61	2.59	1.18	0.300	2.188	7.281	1614.	49.	6.	763.3	26.1	1
1817	0	580	37.8923	89.3493	-73.5	QAL	5.75	3.65	1.27	0.635	2.888	4.544	1561.	43.	1.	764.3	26.1	1
1818	0	576	37.8923	89.3501	-75.8	QAL	6.87	2.73	1.14	0.397	2.384	6.006	1447.	46.	8.	764.3	26.1	1
1819	0	576	37.8923	89.3508	-77.5	QAL	6.54	2.07	1.65	0.317	1.257	3.970	1652.	31.	2.	763.3	26.0	1
1820	0	576	37.8923	89.3516	-79.8	QAL	7.57	3.29	1.19	0.434	2.753	6.338	1551.	38.	6.	762.3	26.0	1
1821	0	572	37.8923	89.3523	-80.5	QAL	7.95	3.05	1.18	0.384	2.592	6.755	1522.	38.	1.	763.3	26.0	1
1822	10	572	37.8923	89.3532	-83.5	QAL	6.78	1.32	1.48	0.0	0.0	4.574	1479.	43.	3.	765.9	26.0	1
1823	0	572	37.8923	89.3539	-86.5	QAL	4.82	4.91	0.52	1.019	9.361	9.188	1410.	41.	1.	764.9	25.9	1
1824	0	576	37.8923	89.3547	-87.8	QAL	5.85	3.54	1.18	0.605	3.013	4.978	1529.	42.	5.	763.8	25.9	1
1825	0	560	37.8923	89.3554	-90.3	QAL	8.39	2.52	1.37	0.300	1.846	6.147	1453.	38.	4.	763.8	25.9	1
1826	0	548	37.8923	89.3562	-92.5	QAL	6.11	1.73	0.89	0.283	1.944	6.859	1426.	35.	4.	763.8	25.9	1
1827	10	552	37.8923	89.3569	-93.5	QAL	6.51	-0.05	1.41	0.0	0.0	4.617	1482.	48.	5.	765.4	25.9	1
1828	10	548	37.8923	89.3576	-97.0	QAL	7.12	1.62	1.27	0.0	0.0	5.606	1583.	32.	7.	766.4	26.0	1
1829	0	540	37.8923	89.3585	-100.0	QAL	8.14	2.04	1.12	0.250	1.823	7.290	1618.	38.	4.	765.4	26.0	1
1830	10	536	37.8923	89.3592	-101.5	QAL	7.18	1.79	1.27	0.0	0.0	5.660	1480.	37.	8.	765.4	26.1	1
1831	10	532	37.8923	89.3599	-103.3	QAL	7.16	0.50	1.07	0.0	0.0	6.665	1351.	52.	10.	764.3	26.0	1
1832	0	532	37.8923	89.3607	-105 5	QAL	7.42	1.89	1.19	0.255	1.586	6.217	1478.	40.	9.	764.3	26.1	1
1833	0	524	37.8923	89.3615	-109.3	QAL	5.94	1.99	1.12	0.335	1.779	5.302	1573.	36.	11.	765.4	26.1	1
1834	10	520	37.8923	89.3622	-112.2	QAL	7.96	0.90	1.11	0.0	0.0	7.198	1537.	34.	13.	766.4	26.1	1
1835	10	516	37.8923	89.3630	-112.5	QAL	7.61	-0.19	1.39	0.0	0.0	5.476	1446.	29.	13.	767.4	26.1	1
1836	10	508	37.8923	89.3637	-116.0	QAL	6.55	1.39	1.22	0.0	0.0	5.356	1553.	38.	17.	766.4	26.1	1
1837	10	496	37.8923	89.3645	-118.2	QAL	5.59	-0.07	1.10	0.0	0.0	5.084	1382.	34.	17.	765.4	26.1	1
1838	10	484	37.8923	89.3652	-119.2	QAL	6.79	-0.21	0.95	0.0	0.0	7.174	1374.	38.	11.	764.3	26.2	1
1839	10	436	37.8923	89.3660	-122.7	QAL	4.06	1.39	0.95	0.0	0.0	4.259	1276.	40.	14.	765.4	26.2	1
1840	10	424	37.8923	89.3668	-125.2	QAL	4.49	0.23	1.12	0.0	0.0	4.013	1236.	34.	13.	766.4	26.3	1
1841	0	408	37.8923	89.3676	-125.2	QAL	5.63	1.91	0.87	0.339	2.197	6.482	1244.	39.	10.	767.4	26.3	1
1842	0	416	37.8923	89.3683	-129.0	QAL	5.62	1.63	1.07	0.290	1.520	5.246	1293.	33.	8.	768.0	26.2	1
1843	0	416	37.8923	89.3690	-132.5	QAL	6.17	1.90	0.83	0.308	2.273	7.389	1274.	35.	2.	766.9	26.3	1
1844	10	428	37.8923	89.3698	-134.5	PPS	6.73	0.89	0.95	0.0	0.0	7.051	1345.	41.	2.	765.4	26.2	1
1845.	10	448	37.8923	89.3706	-136.5	PPS	5.21	1.44	1.44	0.0	0.0	3.630	1508.	52.	6.	765.4	26.2	1
1846	10	456	37.8923	89.3714	-138.5	PPS	8.12	1.29	1.61	0.0	0.0	5.059	1608.	43.	1.	765.9	26.3	1
1847	0	452	37.8923	89.3721	-140.7	PPS	10.53	3.57	1.48	0.339	2.415	7.121	1705.	32.	0.	766.9	26.2	1
1848	0	448	37.8922	89.3728	-143.5	PPS	4.92	3.42	1.31	0.695	2.609	3.752	1629.	47.	2.	768.0	26.2	1
1849	0	452	37.8922	89.3737	-144.5	PPS	6.27	2.98	1.43	0.476	2.088	4.391	1687.	39.	5.	768.0	26.2	1
1850	0	460	37.8922	89.3744	-148.0	PPS	8.62	2.43	1.44	0.282	1.684	5.970	1782.	33.	4.	767.4	26.2	1
1851	0	452	37.8922	89.3752	-151.0	PPS	7.06	3.28	1.41	0.464	2.324	5.005	1697.	40.	3.	767.4	26.2	1
1852	0	452	37.8922	89.3759	-151.2	PPS	6.79	3.41	1.09	0.502	3.142	6.258	1571.	42.	3.	765.9	26.2	1
1853	0	448	37.8922	89.3767	-155.0	PPS	6.76	1.86	1.59	0.275	1.173	4.262	1643.	46.	5.	765.9	26.2	1
1854	10	452	37.8922	89.3774	-157.2	PPS	5.26	1.43	1.36	0.0	0.0	3.878	1550.	46.	7.	768.0	26.1	1
1855	10	452	37.8922	89.3782	-159.2	PPS	6.91	0.38	1.43	0.0	0.0	4.826	1489.	39.	7.	768.0	26.2	1

CP9 1P12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1856	0	456	37.8922	89.3789	-160.7	QAL	4.77	2.13	1.33	0.446	1.594	3.574	1435.	45.	6.	768.0	26.3	1
1857	0	460	37.8922	89.3797	-161.5	QAL	5.76	2.06	1.12	0.358	1.842	5.149	1406.	35.	1.	767.4	26.3	1
1858	10	464	37.8922	89.3805	-164.0	QAL	7.90	1.32	1.30	0.0	0.0	6.084	1420.	43.	3.	766.4	26.3	1
1859	0	468	37.8922	89.3812	-167.0	QAL	6.56	1.98	1.19	0.301	1.659	5.505	1605.	37.	6.	766.4	26.2	1
1860	0	468	37.8922	89.3820	-169.7	QAL	6.86	1.91	1.18	0.279	1.623	5.814	1542.	39.	4.	765.9	26.2	1
1861	10	468	37.8922	89.3828	-172.2	QAL	7.24	0.45	1.73	0.0	0.0	4.185	1691.	33.	6.	766.9	26.2	1
1862	0	464	37.8922	89.3835	-174.0	QAL	9.17	2.62	1.32	0.286	1.982	6.925	1589.	41.	2.	768.0	26.2	1
1863	0	460	37.8922	89.3843	-176.2	QAL	6.93	3.91	1.09	0.564	3.597	6.375	1683.	33.	3.	768.0	26.2	1
1864	0	448	37.8922	89.3850	-177.5	QAL	8.32	2.13	1.19	0.256	1.796	7.020	1664.	47.	5.	767.4	26.2	1
1865	0	440	37.8922	89.3858	-178.0	PPS	7.71	1.98	1.36	0.257	1.455	5.669	1589.	41.	5.	767.4	26.2	1
1866	0	436	37.8922	89.3866	-181.0	PPS	6.59	2.79	1.28	0.424	2.187	5.159	1641.	51.	7.	766.9	26.2	1
1867	10	424	37.8922	89.3872	-182.5	PPS	10.23	-0.90	1.43	0.0	0.0	7.147	1608.	43.	8.	766.4	26.2	1
1868	0	420	37.8922	89.3881	-183.2	PPS	8.80	2.31	1.17	0.262	1.964	7.493	1720.	40.	5.	765.4	26.3	1
1869	0	424	37.8922	89.3888	-187.2	PPS	6.93	2.43	1.29	0.351	1.890	5.388	1637.	38.	7.	766.4	26.3	1
1870	0	440	37.8922	89.3896	-188.7	PPS	5.61	2.54	1.43	0.453	1.772	3.914	1735.	36.	7.	768.5	26.3	1
1871	0	448	37.8922	89.3903	-189.0	QAL	7.36	2.99	1.24	0.405	2.407	5.938	1647.	43.	6.	767.4	26.3	1
1872	0	452	37.8922	89.3911	-192.5	QAL	9.49	2.05	1.15	0.216	1.776	8.222	1648.	26.	5.	767.4	26.3	1
1873	0	460	37.8922	89.3918	-194.2	QAL	8.49	3.72	1.07	0.438	3.476	7.941	1678.	41.	7.	768.5	26.3	1
1874	0	464	37.8922	89.3926	-196.7	QAL	6.74	2.67	1.08	0.396	2.471	6.242	1522.	39.	5.	766.9	26.3	1
1875	10	464	37.8922	89.3934	-199.2	QAL	6.93	1.48	1.40	0.0	0.0	4.967	1456.	42.	3.	766.4	26.3	1
1876	0	468	37.8922	89.3941	-201.0	QAL	6.97	2.39	0.97	0.343	2.470	7.209	1474.	27.	3.	766.4	26.3	1
1877	0	464	37.8922	89.3949	-202.7	QAL	6.62	1.53	0.96	0.232	1.589	6.860	1428.	43.	2.	765.4	26.3	1
1878	0	456	37.8922	89.3957	-206.2	QAL	6.46	3.17	1.11	0.490	2.849	5.814	1416.	53.	1.	764.3	26.3	1
1879	0	452	37.8922	89.3964	-206.7	QAL	6.83	1.71	1.08	0.250	1.580	6.316	1454.	40.	6.	764.9	26.3	1
1880	0	452	37.8922	89.3972	-207.7	QAL	6.25	2.71	1.26	0.433	2.145	4.952	1533.	40.	8.	765.9	26.3	1
1881	0	460	37.8922	89.3979	-211.7	QAL	5.72	2.14	1.23	0.373	1.734	4.644	1505.	47.	10.	766.9	26.4	1
1882	0	464	37.8922	89.3987	-214.2	QAL	7.76	2.32	1.43	0.299	1.617	5.415	1642.	29.	9.	768.0	26.4	1
1883	10	464	37.8922	89.3994	-215.2	QAL	6.65	1.14	1.42	0.0	0.0	4.678	1596.	41.	7.	766.9	26.4	1
1884	0	468	37.8921	89.4003	-216.5	QAL	7.63	3.46	0.93	0.454	3.734	8.229	1615.	33.	7.	766.4	26.5	1
1885	10	468	37.8921	89.4010	-217.7	QAL	7.60	0.82	1.41	0.0	0.0	5.403	1570.	33.	5.	766.4	26.5	1
1886	10	472	37.8921	89.4018	-218.7	QAL	7.51	0.62	1.47	0.0	0.0	5.095	1612.	37.	6.	765.4	26.5	1
1887	0	480	37.8921	89.4025	-221.2	QAL	7.91	2.04	1.30	0.258	1.569	6.087	1633.	47.	5.	764.3	26.5	1
1888	0	488	37.8921	89.4033	-224.2	PPS	8.28	3.49	1.00	0.421	3.480	8.259	1674.	41.	2.	764.3	26.5	1
1889	0	480	37.8921	89.4040	-226.5	PPS	6.64	2.72	1.49	0.409	1.823	4.459	1682.	31.	2.	765.4	26.3	1
1890	0	480	37.8921	89.4048	-227.7	PPS	8.78	2.01	1.39	0.229	1.449	6.319	1569.	48.	3.	766.4	26.3	1
1891	0	476	37.8921	89.4055	-229.2	PPS	10.10	3.09	1.08	0.306	2.866	9.372	1582.	35.	0.	766.4	26.3	1
1892	0	468	37.8921	89.4063	-229.7	PPS	6.61	2.56	1.31	0.386	1.952	5.050	1507.	41.	2.	765.9	26.3	1
1893	0	416	37.8921	89.4070	-230.5	PPS	7.65	3.22	0.71	0.421	4.567	10.852	1341.	45.	3.	765.9	26.3	1
1894	0	420	37.8921	89.4079	-232.5	PPS	5.59	3.84	1.07	0.687	3.588	5.224	1442.	50.	3.	765.9	26.3	1
1895	10	448	37.8921	89.4086	-235.0	PPS	7.02	1.55	1.18	0.0	0.0	5.958	1557.	42.	7.	765.4	26.3	1
1896	0	436	37.8921	89.4094	-237.5	PPS	6.70	2.20	1.22	0.328	1.808	5.508	1571.	34.	7.	765.4	26.3	1
1897	0	428	37.8921	89.4101	-238.5	PPS	8.41	1.93	1.22	0.229	1.585	6.911	1487.	44.	4.	766.4	26.3	1
1898	10	424	37.8921	89.4109	-237.7	PPS	9.74	-0.03	1.02	0.0	0.0	9.526	1531.	41.	9.	767.4	26.3	1
1899	0	416	37.8921	89.4116	-239.5	PPS	9.17	2.20	1.05	0.240	2.090	8.701	1540.	49.	3.	767.4	26.3	1
1900	0	420	37.8921	89.4124	-244.0	PPS	6.77	2.09	1.32	0.309	1.587	5.130	1621.	39.	2.	766.9	26.3	1
1901	0	428	37.8921	89.4132	-246.0	PPS	9.63	2.42	1.16	0.251	2.076	8.266	1650.	38.	0.	766.9	26.3	1
1902	0	428	37.8921	89.4139	-246.7	PPS	7.12	2.10	1.10	0.294	1.905	6.473	1640.	33.	0.	766.4	26.3	1
1903	0	412	37.8921	89.4147	-248.5	PPS	5.46	3.71	1.21	0.679	3.057	4.505	1524.	44.	0.	765.4	26.3	1
1904	0	412	37.8921	89.4154	-251.0	PPS	8.04	1.39	1.10	0.173	1.267	7.314	1461.	39.	0.	766.4	26.3	1
1905	0	376	37.8920	89.4162	-253.5	PPAB	5.19	3.40	0.90	0.656	3.793	5.786	1289.	37.	4.	767.4	26.3	1
1906	0	380	37.8920	89.4169	-255.2	PPAB	6.89	1.53	1.02	0.222	1.496	6.740	1319.	32.	0.	767.4	26.3	1
1907	10	376	37.8920	89.4177	-257.2	PPAB	7.16	0.75	1.01	0.0	0.0	7.105	1313.	37.	6.	766.4	26.5	1
1908	0	372	37.8920	89.4185	-259.2	PPAB	4.93	1.87	1.04	0.379	1.803	4.756	1336.	30.	6.	765.4	26.5	1

CP9 IP 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1909	0	380	37.8920	89.4192	-260.2	PPAB	5.34	2.31	1.05	0.433	2.207	5.097	1289.	43.	1.	765.4	26.5	1
1910	0	372	37.8920	89.4199	-263.0	PPAB	5.46	1.84	1.02	0.337	1.805	5.358	1229.	47.	5.	766.4	26.5	1
1911	0	352	37.8920	89.4207	-265.2	PPAB	7.28	2.02	0.94	0.278	2.160	7.768	1247.	41.	2.	767.4	26.4	1
1912	10	332	37.8920	89.4215	-267.0	PPAB	6.78	0.89	1.09	0.0	0.0	6.192	1327.	37.	2.	766.4	26.3	1
1913	0	328	37.8920	89.4223	-269.0	PPAB	5.95	1.82	0.82	0.306	2.222	7.272	1256.	42.	0.	766.4	26.3	1
1914	0	332	37.8920	89.4230	-272.7	PPAB	5.29	3.42	0.78	0.646	4.387	6.787	1289.	44.	1.	765.4	26.3	1
1915	10	340	37.8920	89.4238	-274.5	PPAB	5.82	1.11	1.10	0.0	0.0	5.312	1373.	44.	3.	765.4	26.3	1
1916	0	332	37.8920	89.4245	-276.7	PPAB	5.67	3.06	1.03	0.539	2.963	5.493	1399.	35.	1.	766.4	26.3	1
1917	0	340	37.8920	89.4253	-278.0	PPAB	4.52	2.73	1.17	0.604	2.342	3.879	1417.	40.	4.	767.4	26.3	1
1918	0	360	37.8920	89.4260	-281.0	PPAB	6.74	2.64	0.84	0.391	3.150	8.058	1512.	44.	3.	766.4	26.3	1
1919	10	348	37.8920	89.4268	-283.2	PPAB	6.07	0.79	1.30	0.0	0.0	4.682	1462.	46.	6.	766.4	26.3	1
1920	0	340	37.8920	89.4276	-285.0	PPAB	6.37	2.82	1.04	0.444	2.711	6.114	1512.	49.	3.	765.4	26.3	1
1921	0	344	37.8920	89.4283	-286.7	PPAB	7.06	1.73	1.09	0.245	1.596	6.509	1495.	48.	8.	765.4	26.2	1
1922	0	348	37.8920	89.4290	-291.0	PPAB	7.13	2.09	1.37	0.294	1.530	5.211	1549.	45.	4.	767.4	26.2	1
1923	0	332	37.8920	89.4299	-292.5	PPAB	5.70	1.94	0.85	0.341	2.296	6.733	1390.	35.	8.	768.5	26.2	1
1924	0	328	37.8920	89.4306	-293.7	PPAB	5.11	2.65	0.92	0.518	2.880	5.559	1309.	46.	6.	767.4	26.2	1
1925	0	328	37.8920	89.4314	-296.5	PPAB	6.73	1.50	1.09	0.223	1.377	6.166	1304.	40.	6.	766.4	26.2	1
1926	10	312	37.8920	89.4321	-298.7	PPAB	7.50	0.44	1.10	0.0	0.0	6.846	1326.	39.	7.	765.4	26.2	1
1927	0	304	37.8919	89.4329	-300.5	PPAB	7.59	2.38	1.23	0.314	1.933	6.155	1421.	31.	5.	765.4	26.3	1
1928	0	292	37.8919	89.4337	-303.0	PPAB	6.29	2.20	0.95	0.349	2.311	6.618	1487.	36.	2.	766.4	26.3	1
1929	0	328	37.8919	89.4345	-305.0	PPAB	7.30	2.76	1.13	0.378	2.445	6.470	1458.	42.	4.	767.4	26.4	1
1930	0	332	37.8919	89.4352	-307.7	PPAB	6.80	3.03	1.25	0.445	2.415	5.430	1605.	50.	3.	767.4	26.5	1
1931	0	336	37.8919	89.4359	-310.7	PPAB	7.48	3.51	0.86	0.470	4.102	8.728	1461.	34.	1.	766.4	26.5	1
1932	0	340	37.8919	89.4367	-313.7	PPAB	6.81	1.91	1.05	0.280	1.810	6.469	1450.	37.	1.	765.4	26.4	1
1933	0	348	37.8919	89.4375	-315.7	PPAB	4.63	3.05	1.16	0.660	2.627	3.980	1394.	41.	2.	764.3	26.3	1
1934	0	356	37.8919	89.4382	-318.0	PPAB	5.10	2.67	0.99	0.523	2.700	5.158	1430.	50.	0.	764.3	26.3	1
1935	0	364	37.8919	89.4390	-320.0	PPAB	6.09	2.68	0.91	0.439	2.938	6.687	1379.	30.	0.	764.3	26.3	1
1936	0	380	37.8919	89.4397	-321.2	PPAB	8.45	2.47	1.04	0.292	2.377	8.144	1330.	41.	0.	766.4	26.3	1
1937	10	388	37.8919	89.4405	-323.5	PPAB	6.22	0.88	1.03	0.0	0.0	6.013	1300.	45.	0.	767.4	26.3	1
1938	0	388	37.8919	89.4412	-327.0	PPAB	5.40	1.70	1.12	0.314	1.517	4.824	1431.	46.	3.	767.4	26.3	1
1939	0	348	37.8919	89.4420	-331.5	PPAB	5.06	1.88	1.09	0.372	1.719	4.623	1344.	43.	4.	765.4	26.2	1
1940	0	324	37.8919	89.4428	-334.2	PPAB	4.79	1.91	1.03	0.400	1.858	4.648	1352.	31.	3.	764.3	26.2	1
1941	0	320	37.8919	89.4436	-335.7	PPAB	6.68	2.12	1.09	0.317	1.940	6.123	1433.	37.	2.	764.3	26.2	1
1942	10	352	37.8919	89.4443	-337.5	PPAB	6.63	0.73	1.20	0.0	0.0	5.529	1338.	49.	7.	764.3	26.2	1
1943	0	364	37.8919	89.4450	-341.7	PPAB	5.95	2.04	1.05	0.343	1.936	5.650	1427.	30.	7.	765.4	26.2	1
1944	10	368	37.8919	89.4458	-344.0	PPAB	6.19	0.97	1.17	0.0	0.0	5.296	1286.	36.	11.	766.4	26.1	1
1945	10	392	37.8919	89.4465	-346.2	PPAB	5.82	0.67	1.09	0.0	0.0	5.323	1215.	43.	7.	766.4	26.1	1
1946	10	400	37.8919	89.4474	-349.2	PPAB	4.75	1.35	1.02	0.0	0.0	4.654	1275.	33.	9.	765.4	26.1	1
1947	0	412	37.8919	89.4481	-351.5	PPAB	5.53	1.84	0.60	0.333	3.066	9.218	1179.	45.	12.	764.3	26.0	1
1948	10	424	37.8919	89.4488	-353.2	PPAB	6.21	0.23	0.99	0.0	0.0	6.252	1259.	54.	10.	764.3	26.0	1
1949	0	480	37.8919	89.4496	-355.5	PPAB	4.67	2.47	1.01	0.530	2.444	4.610	1312.	34.	9.	763.8	26.0	1
1950	10	496	37.8919	89.4503	-358.0	PPAB	7.22	0.95	1.13	0.0	0.0	6.414	1346.	30.	9.	763.3	26.0	1
1951	10	468	37.8919	89.4511	-360.2	PPAB	4.70	0.99	1.08	0.0	0.0	4.353	1333.	39.	9.	763.3	26.0	1
1952	0	456	37.8919	89.4519	-363.2	PPAB	5.10	2.51	0.85	0.492	2.945	5.981	1365.	41.	8.	762.8	26.0	1
1953	10	448	37.8919	89.4526	-363.7	PPAB	5.51	1.40	0.98	0.0	0.0	5.616	1349.	37.	7.	762.8	25.9	1
1954	10	444	37.8919	89.4534	-367.0	PPAB	7.99	1.27	1.12	0.0	0.0	7.119	1415.	48.	0.	764.3	26.0	1
1955	0	444	37.8919	89.4541	-371.2	PPAB	5.97	2.14	1.03	0.358	2.087	5.821	1473.	37.	1.	765.4	26.0	1
1956	0	452	37.8919	89.4549	-374.7	PPAB	9.68	2.32	0.78	0.240	2.982	12.435	1505.	39.	0.	764.3	26.0	1
1957	0	452	37.8919	89.4557	-375.0	PPAB	6.62	2.42	1.21	0.366	2.001	5.466	1511.	45.	5.	764.3	26.0	1
1958	0	460	37.8919	89.4565	-377.0	PPAB	5.48	4.39	1.07	0.801	4.095	5.112	1517.	37.	2.	764.9	26.0	1
1959	0	464	37.8918	89.4572	-381.7	PPAB	6.22	3.13	1.22	0.502	2.568	5.111	1570.	40.	1.	764.9	26.0	1
1960	10	456	37.8918	89.4580	-385.2	PPAB	9.26	1.46	1.16	0.0	0.0	7.982	1615.	21.	4.	764.3	26.0	1
1961	0	452	37.8918	89.4587	-388.0	PPAB	8.54	2.39	1.17	0.280	2.042	7.283	1620.	45.	3.	763.8	25.9	1

* ID	TAGS QUAL	ALT	* LOCATION LAT	LONG	MAG	RK.UNIT *	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
1962	0	440	37.8918	89.4595	-391.2	PPAB	8.56	2.35	1.43	0.274	1.645	5.998	1597.	37.	1.	762.8	25.9	1
1963	0	432	37.8918	89.4603	-394.7	PPAB	9.42	2.54	1.55	0.269	1.639	6.089	1700.	40.	1.	762.8	25.9	1
1964	0	428	37.8918	89.4610	-394.7	PPAB	6.76	5.26	0.99	0.778	5.304	6.817	1571.	37.	3.	762.8	25.9	1
1965	0	424	37.8918	89.4617	-397.0	PPAB	7.74	2.39	1.19	0.309	2.008	6.496	1613.	41.	7.	763.8	26.0	1
1966	0	424	37.8918	89.4626	-399.7	PPAB	6.21	4.30	1.23	0.692	3.493	5.045	1625.	35.	5.	763.8	26.1	1
1967	0	420	37.8918	89.4633	-401.7	PPAB	8.07	2.04	1.44	0.252	1.413	5.601	1632.	38.	6.	764.3	26.1	1
1968	0	412	37.8918	89.4641	-404.0	PPAB	9.43	1.84	1.30	0.195	1.421	7.268	1619.	47.	4.	764.9	26.1	1
1969	0	412	37.8918	89.4648	-405.0	PPAB	6.43	3.44	1.25	0.535	2.762	5.166	1635.	30.	4.	764.3	26.1	1
1970	0	396	37.8918	89.4656	-407.0	PPAB	8.05	2.51	1.10	0.312	2.274	7.294	1632.	42.	6.	763.3	26.1	1
1971	0	396	37.8918	89.4663	-410.2	PPAB	8.60	1.54	1.47	0.179	1.045	5.835	1630.	41.	4.	762.8	26.1	1
1972	10	400	37.8918	89.4671	-414.5	PPAB	9.83	1.03	1.37	0.0	0.0	7.175	1650.	42.	2.	762.8	26.2	1
1973	0	400	37.8918	89.4678	-415.0	PPAB	8.30	3.25	1.15	0.391	2.817	7.204	1637.	38.	3.	763.8	26.1	1
1974	0	392	37.8918	89.4686	-417.0	PPAB	8.00	2.79	1.12	0.349	2.478	7.109	1605.	43.	1.	764.9	26.1	1
1975	10	388	37.8918	89.4694	-419.5	PPAB	9.38	1.38	1.32	0.0	0.0	7.088	1599.	48.	0.	764.9	26.0	1
1976	0	380	37.8918	89.4702	-422.2	PPAB	7.58	3.97	1.27	0.524	3.118	5.946	1725.	38.	0.	764.9	26.0	1
1977	0	376	37.8918	89.4709	-424.0	PPAB	7.32	3.39	1.17	0.463	2.903	6.265	1596.	42.	2.	764.3	26.0	1
1978	0	368	37.8918	89.4717	-425.2	PPAB	6.41	2.23	1.43	0.348	1.556	4.468	1641.	45.	4.	763.8	26.0	1
1979	0	356	37.8918	89.4724	-428.0	PPAB	6.97	3.72	1.23	0.533	3.019	5.664	1610.	37.	6.	763.8	25.9	1
1980	0	352	37.8918	89.4732	-429.2	PPAB	10.34	3.22	1.01	0.312	3.205	10.283	1634.	35.	5.	763.8	25.9	1
1981	10	352	37.8918	89.4739	-430.7	PPAB	7.79	1.28	1.50	0.0	0.0	5.208	1644.	50.	10.	764.3	25.9	1
1982	10	360	37.8918	89.4747	-432.2	PPAB	8.86	1.09	1.44	0.0	0.0	6.143	1708.	43.	9.	764.9	26.0	1
1983	10	360	37.8918	89.4754	-434.5	PPAB	7.91	1.41	1.41	0.0	0.0	5.609	1755.	27.	12.	765.4	26.0	1
1984	0	368	37.8918	89.4762	-436.0	PPAB	7.36	2.68	1.06	0.364	2.516	6.921	1686.	43.	9.	765.4	26.1	1
1985	0	368	37.8918	89.4770	-437.0	PPAB	7.40	1.64	1.33	0.222	1.234	5.555	1655.	45.	12.	764.3	26.2	1
1986	0	368	37.8917	89.4777	-438.7	PPAB	6.88	2.17	1.42	0.315	1.523	4.829	1639.	41.	8.	763.3	26.1	1
1987	0	368	37.8917	89.4785	-439.7	PPAB	7.18	1.45	1.28	0.202	1.131	5.606	1614.	35.	9.	763.3	26.0	1
1988	0	376	37.8917	89.4792	-440.0	PPAB	8.24	2.10	1.33	0.255	1.580	6.188	1746.	41.	8.	763.3	26.0	1
1989	0	376	37.8917	89.4800	-442.0	PPAB	8.60	1.53	1.39	0.178	1.098	6.177	1665.	39.	8.	763.8	26.0	1
1990	0	372	37.8917	89.4807	-444.2	PPAB	8.86	2.55	1.13	0.288	2.258	7.833	1680.	40.	8.	765.4	26.0	1
1991	0	368	37.8917	89.4815	-444.0	PPAB	6.69	4.18	1.05	0.625	3.970	6.348	1610.	37.	5.	765.4	26.0	1
1992	0	376	37.8917	89.4823	-444.0	PPAB	7.82	3.06	1.05	0.391	2.914	7.457	1637.	46.	3.	765.4	26.0	1
1993	0	376	37.8917	89.4830	-446.0	PPAB	9.13	1.82	1.25	0.199	1.449	7.289	1608.	55.	4.	764.9	26.1	1
1994	0	400	37.8917	89.4838	-446.7	PPAB	7.14	2.81	1.19	0.394	2.362	5.992	1607.	34.	1.	763.8	26.0	1
1995	0	412	37.8917	89.4846	-446.7	PPAB	5.23	2.50	1.30	0.478	1.921	4.021	1581.	46.	5.	762.8	26.2	1
1996	0	400	37.8917	89.4853	-447.5	PPAB	8.88	2.58	1.39	0.291	1.856	6.379	1663.	40.	3.	762.8	26.2	1
1997	0	396	37.8917	89.4861	-449.5	PPAB	8.25	4.00	1.16	0.485	3.441	7.100	1664.	37.	2.	762.8	26.1	1
1998	0	396	37.8917	89.4868	-450.0	PPAB	7.92	2.17	1.06	0.273	2.051	7.503	1634.	36.	6.	763.8	26.0	1
1999	0	396	37.8917	89.4876	-450.5	PPAB	7.37	1.65	0.97	0.224	1.700	7.600	1512.	49.	7.	764.3	26.0	1
2000	0	396	37.8917	89.4883	-451.7	PPAB	9.21	1.72	1.47	0.186	1.169	6.277	1638.	37.	10.	764.3	26.0	1
2001	0	388	37.8917	89.4892	-451.2	PPAB	8.82	1.72	1.25	0.195	1.384	7.085	1641.	35.	11.	763.8	25.9	1
2002	0	376	37.8917	89.4899	-452.7	PPAB	5.02	3.16	1.15	0.629	2.743	4.358	1650.	43.	10.	762.8	25.9	1
2003	0	376	37.8917	89.4907	-453.2	PPAB	7.70	2.67	1.17	0.347	2.289	6.592	1598.	44.	10.	762.8	25.9	1
2004	0	368	37.8917	89.4914	-453.7	PPAB	8.11	1.66	1.15	0.205	1.439	7.024	1617.	48.	12.	764.3	25.9	1
2005	0	356	37.8917	89.4922	-454.2	PPAB	6.75	1.91	1.16	0.283	1.648	5.819	1617.	33.	12.	764.3	25.8	1
2006	0	352	37.8917	89.4929	-455.5	PPAB	7.19	1.54	1.25	0.214	1.231	5.748	1647.	44.	11.	764.3	25.9	1
2007	0	348	37.8917	89.4937	-456.2	PPAB	6.09	3.06	1.21	0.502	2.526	5.031	1671.	33.	8.	764.3	25.9	1
2008	0	356	37.8917	89.4945	-456.0	PPAB	5.39	2.90	0.93	0.539	3.133	5.815	1496.	44.	8.	762.8	26.0	1
2009	0	352	37.8917	89.4952	-454.7	PPAB	5.21	1.84	1.23	0.353	1.497	4.240	1523.	42.	8.	762.8	25.9	1
2010	0	340	37.8917	89.4959	-453.2	PPAB	4.93	3.71	0.91	0.752	4.096	5.443	1461.	38.	2.	764.3	25.9	1
2011	0	340	37.8917	89.4968	-451.5	PPAB	7.08	2.75	0.98	0.388	2.803	7.219	1516.	40.	4.	764.3	25.9	1
2012	0	344	37.8917	89.4975	-450.2	PPAB	7.73	2.28	1.19	0.295	1.908	6.474	1565.	22.	6.	763.8	25.8	1
2013	0	344	37.8917	89.4983	-454.7	PPAB	6.96	1.90	1.15	0.274	1.662	6.072	1548.	39.	2.	762.8	25.9	1
2014	0	364	37.8917	89.4990	-456.2	PPAB	4.11	3.12	0.92	0.758	3.387	4.469	1493.	43.	9.	763.8	25.9	1

CP9 IP 12

* ID	TAGS QUAL	ALT	* LOCATION LAT	LONG	MAG	RK.UNIT *	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
2015	0	380	37.8917	89.4998	-456.0	PPAB	6.87	3.42	1.02	0.498	3.361	6.754	1547.	38.	4.	765.4	25.9	1
2016	0	336	37.8917	89.5005	-455.2	PPAB	6.44	3.17	1.22	0.492	2.604	5.292	1506.	42.	7.	765.4	25.9	1
2017	0	340	37.8916	89.5013	-455.5	PPAB	5.75	2.46	1.19	0.428	2.070	4.833	1579.	40.	10.	764.3	25.8	1
2018	0	340	37.8916	89.5020	-454.0	PPAB	9.32	1.98	1.41	0.213	1.406	6.606	1711.	41.	6.	763.3	25.8	1
2019	0	336	37.8916	89.5028	-454.0	PPAB	6.78	3.35	1.13	0.494	2.971	6.013	1647.	35.	7.	763.3	25.9	1
2020	0	340	37.8916	89.5036	-453.5	PPAB	7.38	2.11	1.14	0.286	1.846	6.445	1534.	46.	5.	764.3	26.0	1
2021	0	344	37.8916	89.5043	-453.5	PPAB	7.07	2.29	1.11	0.323	2.060	6.371	1541.	37.	6.	765.4	26.0	1
2022	0	348	37.8916	89.5050	-453.2	PPAB	6.38	3.84	0.98	0.603	3.914	6.494	1514.	41.	7.	765.4	26.1	1
2023	0	348	37.8916	89.5058	-451.7	PPAB	7.43	2.66	1.04	0.358	2.563	7.157	1562.	47.	7.	765.4	26.1	1
2024	0	352	37.8916	89.5065	-450.0	PPAB	8.41	2.69	1.04	0.320	2.598	8.117	1631.	32.	7.	763.8	26.1	1
2025	0	356	37.8916	89.5072	-450.7	PPAB	9.12	4.11	0.91	0.451	4.498	9.984	1583.	42.	3.	762.8	26.1	1
2026	10	360	37.8916	89.5081	-452.2	PPAB	6.42	0.67	1.40	0.0	0.0	4.596	1527.	37.	8.	763.8	26.1	1
2027	0	368	37.8916	89.5088	-451.5	PPAB	8.51	1.83	1.22	0.215	1.500	6.981	1624.	35.	11.	765.4	26.1	1
2028	10	376	37.8916	89.5095	-449.7	PPAB	8.19	1.23	1.34	0.0	0.0	6.106	1585.	46.	10.	765.4	26.1	1
2029	0	380	37.8916	89.5103	-448.2	PPAB	6.30	2.23	1.30	0.353	1.707	4.834	1529.	41.	9.	764.3	26.1	1
2030	0	384	37.8916	89.5110	-449.7	PPAB	7.28	4.59	0.78	0.630	5.919	9.392	1450.	40.	9.	762.8	26.1	1
2031	10	396	37.8916	89.5117	-449.5	PPAB	6.93	0.84	1.36	0.0	0.0	5.111	1500.	44.	11.	762.8	26.1	1
2032	10	412	37.8916	89.5125	-448.0	PPAB	8.25	1.24	1.43	0.0	0.0	5.792	1605.	39.	10.	762.8	26.1	1
2033	10	380	37.8916	89.5132	-446.0	PPAB	6.48	1.39	1.27	0.0	0.0	5.080	1458.	33.	13.	763.8	26.0	1
2034	10	356	37.8916	89.5140	-445.7	PPAB	4.84	1.11	1.21	0.0	0.0	4.009	1404.	42.	14.	764.3	26.0	1
2035	0	408	37.8916	89.5147	-444.7	PPAB	5.42	1.97	1.10	0.363	1.792	4.936	1547.	48.	15.	765.4	26.0	1
2036	0	416	37.8916	89.5155	-445.5	PPAB	6.06	3.14	1.27	0.518	2.475	4.774	1652.	32.	13.	765.4	26.0	1
2037	0	424	37.8916	89.5163	-446.2	PPAB	8.60	2.17	1.21	0.253	1.797	7.114	1567.	41.	12.	764.3	26.0	1
2038	10	428	37.8916	89.5170	-446.0	PPAB	6.36	0.02	1.13	0.0	0.0	5.632	1475.	43.	11.	764.3	26.0	1
2039	10	412	37.8916	89.5178	-446.0	PPAB	8.87	0.67	1.00	0.0	0.0	8.912	1489.	40.	9.	763.8	25.9	1
2040	10	392	37.8916	89.5185	-445.5	PPAB	7.80	0.42	1.01	0.0	0.0	7.704	1481.	43.	11.	762.8	26.0	1
2041	0	388	37.8916	89.5192	-444.7	PPAB	6.64	2.41	0.93	0.363	2.594	7.145	1436.	42.	7.	762.8	26.0	1
2042	0	368	37.8916	89.5200	-445.7	PPAB	6.79	1.86	1.05	0.273	1.762	6.452	1493.	40.	8.	764.3	25.9	1
2043	0	372	37.8916	89.5207	-446.0	PPAB	4.82	2.39	1.08	0.497	2.226	4.484	1463.	36.	8.	765.4	25.9	1
2044	0	376	37.8917	89.5214	-444.7	PPAB	5.05	2.61	1.07	0.516	2.433	4.717	1511.	39.	5.	765.4	26.0	1
2045	0	360	37.8917	89.5223	-443.5	PPAB	5.33	4.74	0.84	0.888	5.658	6.372	1477.	43.	2.	764.9	26.0	1
2046	0	348	37.8917	89.5230	-444.7	PPAB	5.50	3.31	0.90	0.602	3.696	6.142	1326.	41.	1.	763.8	26.1	1
2047	0	372	37.8917	89.5237	-444.0	PPAB	5.36	3.13	0.87	0.584	3.611	6.182	1194.	35.	0.	762.8	26.1	1
2048	0	448	37.8916	89.5245	-441.5	PPAB	6.52	2.72	0.92	0.418	2.946	7.056	1349.	38.	2.	762.8	26.1	1
2049	0	472	37.8916	89.5252	-441.2	PPAB	6.65	2.75	0.80	0.413	3.411	8.267	1374.	51.	5.	762.8	26.1	1
2050	0	468	37.8916	89.5259	-443.5	PPAB	4.89	3.65	0.94	0.746	3.873	5.189	1455.	46.	4.	763.3	26.1	1
2051	0	432	37.8916	89.5267	-445.0	PPAB	5.51	2.49	1.04	0.451	2.382	5.276	1456.	43.	5.	764.9	26.0	1
2052	10	412	37.8916	89.5275	-444.0	PPAB	7.22	0.97	0.93	0.0	0.0	7.726	1378.	41.	9.	764.9	26.0	1
2053	10	396	37.8916	89.5282	-446.0	PPAB	5.55	1.08	1.05	0.0	0.0	5.268	1424.	41.	10.	764.9	26.0	1
2054	0	424	37.8916	89.5289	-445.2	PPAB	6.33	2.92	1.19	0.461	2.458	5.328	1528.	40.	9.	764.9	26.0	1
2055	0	416	37.8916	89.5297	-444.2	PPAB	6.80	3.52	1.11	0.517	3.153	6.097	1598.	35.	5.	763.8	26.0	1
2056	0	408	37.8917	89.5305	-445.0	PPAB	5.48	3.92	1.04	0.714	3.748	5.249	1606.	43.	4.	763.3	25.9	1
2057	10	404	37.8917	89.5312	-444.5	PPAB	5.47	1.00	1.47	0.0	0.0	3.725	1645.	42.	9.	762.3	25.9	1
2058	0	408	37.8917	89.5319	-444.5	PPAB	6.92	3.84	0.88	0.554	4.373	7.890	1560.	29.	4.	763.3	25.9	1
2059	0	408	37.8917	89.5327	-444.5	PPAB	5.46	2.23	1.46	0.409	1.526	3.728	1445.	55.	6.	764.3	25.9	1
2060	0	400	37.8917	89.5334	-445.7	PPAB	5.20	2.34	1.01	0.451	2.325	5.161	1379.	35.	5.	764.3	25.9	1
2061	0	408	37.8916	89.5342	-447.5	PPAB	5.37	2.77	1.05	0.516	2.633	5.098	1352.	36.	5.	765.4	25.9	1
2062	0	400	37.8916	89.5350	-447.0	PPAB	7.33	1.80	0.94	0.246	1.918	7.811	1381.	32.	5.	765.4	25.9	1
2063	0	420	37.8916	89.5357	-446.0	PPAB	4.97	1.63	1.25	0.328	1.306	3.988	1372.	44.	5.	763.8	25.9	1
2064	0	456	37.8916	89.5364	-448.0	PPAB	6.36	2.46	1.07	0.387	2.306	5.961	1474.	37.	5.	763.8	25.9	1
2065	0	484	37.8916	89.5372	-449.2	QAL	4.27	3.54	1.34	0.827	2.645	3.198	1510.	45.	0.	763.8	25.9	1
2066	0	492	37.8916	89.5379	-450.2	QAL	6.11	3.44	1.34	0.562	2.557	4.549	1442.	34.	1.	762.8	26.0	1
2067	10	476	37.8916	89.5386	-452.0	QAL	5.80	0.81	1.14	0.0	0.0	5.069	1404.	33.	7.	762.8	25.9	1

CP9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2068	0	376	37.8917	89.5394	-451.5	QAL	5.64	1.58	0.95	0.280	1.668	5.953	1257.	32.	6.	763.8	25.9	1
2069	0	392	37.8917	89.5401	-452.7	PPAB	6.66	2.97	1.01	0.446	2.936	6.578	1370.	43.	2.	764.3	25.9	1
2070	10	404	37.8917	89.5409	-453.7	PPAB	6.90	0.86	1.09	0.0	0.0	6.337	1423.	37.	10.	764.3	25.9	1
2071	0	360	37.8917	89.5417	-455.7	PPAB	4.80	1.80	1.31	0.375	1.375	3.666	1352.	33.	4.	765.4	25.9	1
2072	10	388	37.8917	89.5424	-457.2	PPAB	5.54	1.21	1.16	0.0	0.0	4.772	1409.	44.	10.	764.3	25.9	1
2073	0	388	37.8917	89.5432	-458.5	PPAB	8.20	1.51	0.92	0.184	1.639	8.925	1427.	38.	9.	763.8	25.9	1
2074	0	396	37.8917	89.5439	-460.0	PPAB	6.79	2.77	1.10	0.408	2.524	6.181	1554.	31.	6.	763.8	25.9	1
2075	0	400	37.8917	89.5446	-461.2	PPAB	7.10	2.14	1.06	0.302	2.020	6.689	1576.	35.	9.	762.8	25.9	1
2076	0	404	37.8917	89.5454	-463.0	PPAB	6.01	2.61	1.30	0.434	2.009	4.625	1531.	47.	6.	762.8	26.1	1
2077	0	408	37.8916	89.5461	-464.5	PPAB	7.26	1.84	1.26	0.253	1.458	5.764	1562.	41.	7.	764.3	26.1	1
2078	0	404	37.8916	89.5469	-466.5	PPAB	6.57	1.78	1.06	0.270	1.670	6.179	1442.	37.	5.	764.3	26.1	1
2079	0	412	37.8916	89.5476	-467.5	PPAB	5.63	2.38	1.16	0.422	2.043	4.835	1519.	43.	5.	763.8	26.1	1
2080	0	412	37.8917	89.5483	-468.5	PPAB	6.53	2.29	1.10	0.352	2.095	5.959	1469.	48.	5.	764.3	26.1	1
2081	10	412	37.8917	89.5492	-471.5	PPAB	7.87	1.43	1.36	0.0	0.0	5.793	1521.	44.	4.	763.8	26.2	1
2082	0	400	37.8917	89.5499	-474.5	PPAB	6.10	2.06	1.27	0.338	1.626	4.810	1470.	43.	0.	762.8	26.2	1
2083	0	416	37.8917	89.5506	-476.5	PPAB	5.54	4.41	1.19	0.796	3.717	4.668	1538.	49.	0.	762.8	26.2	1
2084	0	420	37.8917	89.5514	-476.0	PPAB	6.25	2.81	1.09	0.449	2.581	5.745	1570.	51.	1.	762.3	26.1	1
2085	0	412	37.8917	89.5521	-477.0	PPAB	5.77	3.00	1.40	0.521	2.140	4.109	1635.	41.	2.	763.3	26.1	1
2086	0	404	37.8917	89.5528	-481.0	PPAB	6.99	3.17	0.96	0.453	3.288	7.255	1501.	48.	2.	764.9	26.1	1
2087	0	396	37.8917	89.5536	-483.2	PPAB	7.10	2.76	1.26	0.388	2.190	5.644	1612.	45.	3.	764.3	26.0	1
2088	0	388	37.8917	89.5544	-485.0	PPAB	6.32	3.37	1.23	0.534	2.736	5.128	1643.	47.	2.	763.8	26.0	1
2089	0	384	37.8917	89.5551	-487.2	PPAB	8.92	1.50	1.57	0.168	0.956	5.696	1651.	45.	0.	763.8	26.0	1
2090	0	388	37.8917	89.5559	-490.5	PPAB	5.71	2.91	1.34	0.509	2.175	4.272	1657.	40.	4.	762.8	26.0	1
2091	0	380	37.8917	89.5566	-491.5	PPAB	6.83	2.25	1.34	0.330	1.675	5.078	1622.	37.	4.	761.8	25.9	1
2092	0	372	37.8917	89.5574	-493.5	PPAB	8.49	3.65	1.43	0.430	2.563	5.954	1745.	43.	0.	762.8	26.0	1
2093	0	352	37.8917	89.5581	-496.7	PPAB	5.60	2.83	1.28	0.505	2.208	4.368	1709.	40.	3.	763.3	26.0	1
2094	0	340	37.8917	89.5588	-498.2	PPAB	9.60	2.26	1.24	0.235	1.823	7.754	1743.	33.	5.	763.8	26.0	1
2095	0	332	37.8917	89.5596	-500.2	PPCV	8.87	3.43	1.08	0.387	3.165	8.189	1672.	31.	2.	764.9	26.0	1
2096	0	308	37.8917	89.5603	-503.7	PPCV	8.32	3.73	1.07	0.448	3.492	7.791	1606.	46.	2.	763.8	26.0	1
2097	0	328	37.8917	89.5611	-506.7	PPCV	8.99	1.91	1.29	0.213	1.487	6.991	1562.	42.	3.	763.3	26.0	1
2098	0	368	37.8917	89.5618	-508.5	PPCV	7.48	3.10	1.23	0.414	2.518	6.079	1643.	36.	1.	763.3	26.0	1
2099	0	364	37.8917	89.5625	-511.5	PPCV	5.74	2.32	1.47	0.405	1.579	3.901	1668.	33.	4.	763.3	26.0	1
2100	0	376	37.8917	89.5634	-513.2	PPCV	6.28	1.76	1.32	0.281	1.336	4.758	1545.	50.	7.	763.3	26.0	1
2101	0	368	37.8917	89.5641	-515.5	PPCV	6.94	2.68	1.04	0.387	2.576	6.659	1445.	30.	1.	763.8	26.0	1
2102	0	348	37.8917	89.5648	-518.5	PPCV	6.01	2.48	0.97	0.412	2.550	6.193	1462.	44.	7.	763.8	26.0	1
2103	0	340	37.8917	89.5656	-520.7	PPCV	6.27	2.89	1.18	0.462	2.453	5.313	1535.	36.	8.	763.8	26.0	1
2104	0	368	37.8917	89.5663	-522.0	PPCV	8.48	2.36	1.30	0.278	1.821	6.543	1654.	43.	6.	763.8	26.0	1
2105	0	364	37.8917	89.5670	-525.0	PPCV	8.68	3.62	1.16	0.418	3.135	7.509	1713.	38.	4.	762.8	26.0	1
2106	0	368	37.8917	89.5677	-529.7	PPCV	7.66	2.05	1.29	0.267	1.589	5.944	1648.	42.	8.	761.8	25.9	1
2107	10	368	37.8917	89.5685	-532.2	PPCV	10.26	0.19	1.70	0.0	0.0	6.021	1731.	31.	7.	761.8	25.8	1
2108	0	372	37.8917	89.5693	-534.7	PPCV	6.12	3.15	1.26	0.515	2.507	4.870	1667.	48.	9.	762.8	25.8	1
2109	0	372	37.8917	89.5700	-536.5	PPCV	7.52	1.77	1.37	0.236	1.293	5.491	1675.	33.	8.	762.8	25.7	1
2110	10	376	37.8917	89.5708	-539.5	PPCV	9.13	0.61	1.38	0.0	0.0	6.636	1586.	58.	8.	763.8	25.7	1
2111	0	388	37.8917	89.5715	-543.0	PPCV	9.58	2.36	1.05	0.246	2.247	9.129	1624.	33.	2.	763.3	25.7	1
2112	0	404	37.8917	89.5723	-545.5	PPCV	7.31	2.73	1.03	0.374	2.655	7.097	1602.	32.	4.	762.3	25.7	1
2113	0	432	37.8917	89.5730	-550.0	PPCV	6.97	4.77	1.31	0.685	3.651	5.331	1744.	18.	2.	762.3	25.6	1
2114	0	420	37.8917	89.5738	-554.0	PPCV	9.43	2.44	1.29	0.259	1.900	7.332	1676.	44.	2.	761.8	25.6	1
2115	0	412	37.8917	89.5745	-555.7	PPCV	9.85	2.73	1.14	0.277	2.393	8.644	1615.	38.	2.	760.7	25.6	1
2116	0	420	37.8917	89.5753	-559.0	PPCV	5.64	3.54	1.31	0.628	2.709	4.312	1645.	42.	1.	761.8	25.6	1
2117	0	412	37.8917	89.5760	-560.2	PPCV	8.22	1.96	1.31	0.239	1.496	6.271	1542.	48.	0.	762.3	25.6	1
2118	0	404	37.8917	89.5767	-564.0	PPCV	5.94	2.14	1.12	0.360	1.905	5.295	1572.	53.	3.	762.8	25.6	1
2119	0	404	37.8917	89.5776	-568.5	PPCV	6.46	3.07	1.29	0.475	2.381	5.016	1680.	51.	4.	763.8	25.6	1
2120	0	388	37.8917	89.5783	-571.5	PPCV	8.60	3.71	1.07	0.431	3.468	8.038	1676.	41.	1.	763.8	25.7	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2121	0	388	37.8917	89.5790	-572.2	PPCV	8.53	2.16	1.21	0.253	1.780	7.029	1594.	37.	1.	762.8	25.7	1
2122	10	384	37.8917	89.5797	-575.5	PPCV	8.20	0.81	1.27	0.0	0.0	6.450	1646.	45.	12.	761.8	25.7	1
2123	0	380	37.8917	89.5805	-579.0	PPCV	8.45	2.09	0.98	0.247	2.123	8.584	1570.	45.	9.	761.8	25.7	1
2124	0	380	37.8917	89.5812	-579.2	PPCV	8.51	2.82	0.92	0.331	3.081	9.296	1633.	33.	9.	761.8	25.7	1
2125	0	376	37.8917	89.5819	-583.0	PPCV	7.99	2.86	1.09	0.358	2.639	7.362	1695.	41.	11.	761.8	25.7	1
2126	0	372	37.8917	89.5828	-586.5	PPCV	7.69	2.57	1.27	0.334	2.027	6.076	1682.	42.	11.	762.8	25.8	1
2127	0	376	37.8917	89.5835	-590.0	PPCV	9.06	2.37	1.14	0.262	2.084	7.954	1627.	46.	13.	763.8	25.8	1
2128	0	376	37.8917	89.5842	-593.2	PPCV	6.87	2.95	1.24	0.429	2.377	5.539	1693.	37.	9.	763.8	25.8	1
2129	0	380	37.8917	89.5850	-598.2	PPCV	8.29	3.72	1.29	0.449	2.892	6.446	1752.	37.	8.	763.8	25.8	1
2130	0	388	37.8917	89.5857	-600.5	PPCV	9.86	2.16	1.41	0.219	1.534	6.995	1736.	39.	5.	762.8	25.9	1
2131	0	384	37.8917	89.5865	-602.5	PPCV	7.22	2.63	1.41	0.364	1.869	5.129	1707.	46.	4.	762.8	25.9	1
2132	0	396	37.8917	89.5872	-605.5	PPCV	7.94	2.76	1.08	0.347	2.552	7.349	1697.	33.	2.	761.8	25.8	1
2133	0	400	37.8917	89.5879	-609.0	PPCV	7.84	4.85	0.96	0.619	5.037	8.140	1703.	26.	2.	760.7	25.9	1
2134	0	404	37.8917	89.5887	-613.2	PPCV	6.15	4.92	1.27	0.800	3.874	4.839	1692.	42.	0.	760.7	25.9	1
2135	0	392	37.8917	89.5894	-617.2	PPCV	8.34	2.33	1.11	0.279	2.091	7.491	1699.	43.	1.	761.8	25.9	1
2136	0	380	37.8917	89.5902	-620.0	PPCV	7.76	2.68	1.56	0.346	1.723	4.984	1694.	34.	0.	762.8	25.8	1
2137	0	368	37.8917	89.5910	-624.0	PPCV	7.69	2.53	1.51	0.329	1.670	5.081	1710.	34.	5.	762.8	25.8	1
2138	0	364	37.8917	89.5917	-627.7	PPCV	6.80	3.28	1.34	0.483	2.455	5.081	1632.	40.	6.	763.8	25.8	1
2139	0	368	37.8917	89.5925	-630.2	PPCV	7.39	1.89	1.36	0.256	1.392	5.439	1692.	38.	5.	763.8	25.9	1
2140	0	384	37.8917	89.5932	-634.0	PPCV	7.97	2.70	1.30	0.339	2.084	6.151	1679.	44.	7.	762.8	25.9	1
2141	0	376	37.8917	89.5939	-637.2	PPCV	8.16	1.95	1.21	0.239	1.610	6.742	1704.	31.	8.	761.8	25.9	1
2142	0	368	37.8917	89.5947	-642.7	PPCV	6.43	3.31	1.34	0.515	2.462	4.779	1729.	29.	10.	761.8	26.0	1
2143	0	372	37.8917	89.5954	-645.7	PPCV	8.09	2.78	1.55	0.343	1.793	5.228	1758.	41.	9.	760.7	26.0	1
2144	10	380	37.8917	89.5962	-647.7	PPCV	9.42	1.22	1.59	0.0	0.0	5.919	1753.	40.	13.	761.8	26.0	1
2145	0	376	37.8917	89.5970	-645.5	PPCV	9.55	1.55	1.30	0.162	1.193	7.365	1667.	40.	7.	762.8	25.9	1
2146	0	380	37.8917	89.5977	-646.5	PPCV	6.01	2.27	1.49	0.377	1.518	4.022	1738.	34.	10.	762.8	25.9	1
2147	10	392	37.8917	89.5984	-656.0	PPCV	7.19	0.56	1.82	0.0	0.0	3.952	1703.	52.	9.	762.8	25.9	1
2148	0	412	37.8917	89.5992	-664.7	PPCV	7.24	2.43	1.46	0.336	1.664	4.951	1668.	44.	5.	763.8	25.9	1
2149	0	428	37.8917	89.5999	-667.5	PPCV	6.59	3.64	1.50	0.552	2.432	4.408	1713.	38.	6.	763.8	25.9	1
2150	0	432	37.8917	89.6007	-671.7	PPCV	8.23	3.67	1.06	0.446	3.464	7.772	1666.	34.	3.	762.8	25.9	1
2151	0	432	37.8917	89.6014	-676.2	PPCV	9.40	2.69	1.19	0.286	2.249	7.874	1593.	45.	4.	761.8	25.9	1
2152	0	428	37.8917	89.6022	-679.0	PPCV	10.03	3.20	1.18	0.319	2.718	8.527	1638.	26.	2.	761.8	25.9	1
2153	0	432	37.8917	89.6029	-682.0	PPCV	5.92	3.54	1.05	0.599	3.388	5.653	1559.	37.	0.	761.8	26.0	1
2154	0	440	37.8917	89.6036	-685.7	PPCV	6.76	2.99	1.11	0.442	2.684	6.067	1499.	38.	1.	762.3	26.0	1
2155	0	440	37.8917	89.6044	-689.2	PPCV	7.01	3.02	1.29	0.431	2.342	5.433	1527.	49.	0.	763.3	25.9	1
2156	0	440	37.8917	89.6052	-693.2	PPCV	6.24	2.61	1.43	0.418	1.829	4.371	1584.	34.	0.	763.3	25.9	1
2157	0	440	37.8917	89.6059	-698.2	PPCV	5.41	3.33	1.21	0.615	2.754	4.477	1576.	43.	0.	763.3	25.9	1
2158	0	420	37.8917	89.6067	-701.5	PPCV	7.06	3.89	1.20	0.551	3.228	5.861	1614.	38.	1.	763.3	25.9	1
2159	0	412	37.8917	89.6074	-706.0	PPCV	5.82	3.35	1.11	0.575	3.002	5.223	1485.	45.	0.	762.8	25.9	1
2160	0	416	37.8917	89.6081	-708.2	PPCV	5.96	3.61	1.23	0.605	2.923	4.832	1510.	39.	3.	761.8	25.9	1
2161	0	384	37.8917	89.6089	-712.5	PPCV	6.27	2.07	1.10	0.329	1.883	5.715	1453.	32.	3.	761.8	25.9	1
2162	10	376	37.8917	89.6096	-718.0	PPCV	6.99	1.19	1.12	0.0	0.0	6.243	1441.	37.	3.	762.8	25.9	1
2163	0	384	37.8917	89.6104	-721.7	PPCV	6.09	4.44	0.83	0.728	5.369	7.374	1475.	33.	0.	763.8	25.9	1
2164	0	408	37.8917	89.6111	-724.7	PPCV	6.21	2.93	1.67	0.473	1.752	3.707	1678.	31.	4.	764.3	25.9	1
2165	0	412	37.8917	89.6119	-728.5	PPCV	5.69	3.35	1.39	0.588	2.404	4.086	1733.	49.	5.	763.8	25.8	1
2166	0	416	37.8917	89.6126	-732.0	PPCV	8.63	3.18	1.24	0.368	2.565	6.967	1596.	34.	5.	762.8	25.8	1
2167	0	420	37.8917	89.6134	-735.2	PPCV	7.25	2.86	1.20	0.395	2.375	6.019	1646.	29.	6.	762.8	25.8	1
2168	10	416	37.8917	89.6141	-739.0	PPCV	9.70	1.47	1.21	0.0	0.0	8.015	1574.	42.	9.	761.8	25.9	1
2169	0	424	37.8917	89.6148	-741.5	PPCV	7.42	1.60	1.15	0.216	1.397	6.460	1674.	31.	10.	761.8	25.9	1
2170	0	416	37.8917	89.6156	-745.5	PPCV	6.49	1.75	1.75	0.270	1.001	3.700	1673.	39.	8.	762.8	25.9	1
2171	0	416	37.8917	89.6163	-749.5	PPCV	8.09	2.85	1.19	0.353	2.400	6.800	1643.	38.	8.	763.8	26.0	1
2172	0	432	37.8917	89.6171	-751.7	PPCV	6.81	2.45	1.32	0.360	1.856	5.150	1648.	44.	12.	763.8	26.0	1
2173	10	432	37.8917	89.6178	-755.7	PPCV	8.16	1.49	1.18	0.0	0.0	6.933	1630.	48.	12.	762.8	26.0	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2174	0	444	37.8917	89.6186	-758.5	PPCV	8.78	3.77	1.15	0.430	3.294	7.660	1698.	41.	10.	761.2	26.0	1
2175	0	444	37.8917	89.6194	-761.7	PPCV	6.56	1.88	1.12	0.286	1.675	5.846	1583.	39.	6.	760.2	26.0	1
2176	0	448	37.8917	89.6201	-765.2	PPCV	6.62	3.14	1.05	0.475	2.995	6.300	1499.	47.	10.	760.7	26.0	1
2177	0	452	37.8917	89.6208	-767.7	PPCV	5.56	1.59	1.30	0.285	1.221	4.283	1519.	34.	8.	762.8	26.0	1
2178	0	496	37.8917	89.6216	-770.2	PPCV	6.90	2.57	1.35	0.372	1.907	5.121	1670.	45.	9.	763.8	26.0	1
2179	0	484	37.8917	89.6223	-775.0	PPCV	5.86	2.93	1.09	0.501	2.693	5.379	1541.	32.	10.	762.8	26.0	1
2180	10	464	37.8917	89.6230	-775.5	PPCV	6.56	0.73	1.43	0.0	0.0	4.579	1587.	55.	12.	761.8	26.1	1
2181	0	464	37.8917	89.6239	-779.7	PPCV	8.24	4.36	0.97	0.529	4.470	8.453	1688.	37.	9.	760.7	26.0	1
2182	10	456	37.8917	89.6246	-784.5	PPCV	8.52	1.53	1.18	0.0	0.0	7.242	1608.	33.	9.	760.7	25.9	1
2183	0	448	37.8917	89.6253	-786.2	PPCV	6.44	2.17	1.21	0.337	1.790	5.307	1623.	40.	9.	760.7	25.9	1
2184	0	444	37.8917	89.6261	-790.0	PPCV	8.67	1.81	1.08	0.209	1.684	8.062	1560.	39.	9.	761.8	25.9	1
2185	10	460	37.8917	89.6268	-792.2	PPCV	8.56	0.96	1.21	0.0	0.0	7.066	1507.	39.	10.	762.8	25.9	1
2186	0	496	37.8917	89.6275	-792.7	PPCV	6.92	1.87	1.50	0.270	1.249	4.624	1685.	33.	7.	762.8	26.0	1
2187	10	508	37.8917	89.6283	-795.5	PPCV	9.57	1.35	1.49	0.0	0.0	6.444	1721.	41.	5.	761.8	26.0	1
2188	0	480	37.8917	89.6290	-797.2	PPCV	6.61	3.10	1.04	0.469	2.990	6.371	1582.	38.	3.	759.7	26.0	1
2189	0	460	37.8917	89.6298	-800.7	PPCV	8.13	2.89	1.18	0.355	2.452	6.910	1570.	53.	3.	759.7	26.0	1
2190	10	452	37.8917	89.6306	-803.0	PPCV	6.77	1.20	1.42	0.0	0.0	4.758	1713.	41.	6.	760.7	26.0	1
2191	0	448	37.8917	89.6313	-804.7	PPCV	7.29	2.40	1.61	0.329	1.485	4.516	1683.	47.	5.	762.8	26.0	1
2192	0	428	37.8917	89.6320	-807.5	PPCV	8.83	2.50	1.39	0.283	1.806	6.371	1578.	51.	4.	763.8	26.0	1
2193	0	408	37.8917	89.6328	-808.7	PPCV	6.78	3.40	1.47	0.502	2.323	4.625	1687.	38.	3.	762.8	25.9	1
2194	10	396	37.8917	89.6336	-809.2	PPCV	7.43	1.39	1.33	0.0	0.0	5.606	1678.	35.	10.	761.8	25.9	1
2195	0	400	37.8917	89.6343	-813.0	PPCV	7.97	2.17	1.07	0.272	2.027	7.463	1615.	46.	10.	760.7	25.9	1
2196	0	432	37.8917	89.6350	-816.7	PPCV	7.08	1.90	1.37	0.268	1.386	5.176	1607.	31.	17.	761.8	25.9	1
2197	10	444	37.8917	89.6358	-819.2	PPCV	9.50	1.44	1.37	0.0	0.0	6.941	1745.	28.	16.	762.8	25.8	1
2198	0	432	37.8917	89.6365	-822.7	MCU	7.48	3.14	1.09	0.419	2.865	6.838	1657.	44.	14.	763.8	25.8	1
2199	0	420	37.8917	89.6372	-826.0	MCU	7.00	2.86	1.26	0.409	2.266	5.539	1709.	49.	9.	762.8	25.8	1
2200	10	408	37.8918	89.6380	-827.5	MCU	8.37	0.71	1.52	0.0	0.0	5.488	1573.	40.	11.	761.8	25.8	1
2201	0	416	37.8917	89.6388	-828.5	MCU	6.55	2.06	1.50	0.314	1.372	4.367	1665.	45.	5.	761.8	25.8	1
2202	0	432	37.8917	89.6395	-830.5	MCU	8.56	3.32	1.25	0.388	2.661	6.865	1651.	39.	4.	762.8	25.9	1
2203	0	460	37.8917	89.6403	-833.2	MCU	7.74	5.59	1.03	0.723	5.422	7.502	1754.	39.	3.	763.8	25.9	1
2204	0	480	37.8917	89.6410	-834.7	MCU	6.91	4.54	1.32	0.657	3.441	5.235	1723.	46.	6.	762.8	26.0	1
2205	0	468	37.8917	89.6417	-835.0	MCU	6.31	2.35	1.44	0.373	1.634	4.384	1645.	44.	5.	761.8	26.0	1
2206	0	464	37.8917	89.6425	-835.2	MCU	8.31	3.15	1.36	0.380	2.324	6.122	1613.	39.	2.	760.7	26.1	1
2207	10	476	37.8917	89.6432	-840.0	MCU	7.72	1.28	1.46	0.0	0.0	5.282	1625.	40.	8.	760.7	26.1	1
2208	0	480	37.8917	89.6440	-843.5	MCU	7.12	2.16	1.33	0.304	1.629	5.363	1625.	44.	11.	761.8	26.1	1
2209	10	480	37.8917	89.6447	-846.7	MCU	6.75	0.51	1.35	0.0	0.0	5.008	1567.	41.	15.	762.8	26.0	1
2210	10	476	37.8917	89.6455	-848.5	MCU	6.03	1.69	0.97	0.0	0.0	6.203	1511.	52.	17.	762.3	26.0	1
2211	10	480	37.8917	89.6462	-850.7	MCU	6.66	0.50	1.07	0.0	0.0	6.255	1475.	43.	14.	761.2	26.0	1
2212	10	492	37.8918	89.6470	-852.0	MCU	5.62	1.40	1.06	0.0	0.0	5.297	1357.	47.	15.	760.2	26.0	1
2213	10	508	37.8917	89.6477	-854.0	MCU	6.29	1.23	0.90	0.0	0.0	6.987	1320.	42.	15.	760.2	25.9	1
2214	10	508	37.8917	89.6485	-855.7	MCU	5.45	-0.11	1.09	0.0	0.0	4.998	1158.	49.	8.	762.3	26.0	1
2215	0	524	37.8917	89.6492	-857.7	MCU	7.54	2.45	0.74	0.325	3.310	10.191	1192.	39.	10.	762.8	26.0	1
2216	10	528	37.8917	89.6500	-858.0	MCU	8.26	0.49	0.79	0.0	0.0	10.441	1225.	34.	6.	760.7	26.1	1
2217	10	516	37.8917	89.6507	-860.7	MCU	3.18	0.87	1.09	0.0	0.0	2.927	1178.	45.	8.	759.7	26.1	1
2218	0	544	37.8917	89.6514	-863.2	MCU	6.02	2.28	0.70	0.378	3.258	8.618	1185.	39.	5.	759.7	26.1	1
2219	0	540	37.8917	89.6523	-864.2	MCU	4.02	2.56	1.00	0.638	2.558	4.010	1162.	51.	6.	761.8	26.1	1
2220	10	556	37.8917	89.6530	-867.0	MCU	4.84	1.40	0.75	0.0	0.0	6.493	1165.	47.	7.	761.8	26.1	1
2221	0	532	37.8917	89.6537	-869.5	MCU	6.03	2.47	0.92	0.409	2.680	6.552	1134.	41.	1.	760.7	26.1	1
2222	10	512	37.8917	89.6544	-870.7	MCU	4.44	1.38	0.91	0.0	0.0	4.900	1179.	36.	4.	758.7	26.2	1
2223	0	516	37.8917	89.6552	-872.2	MCU	5.07	1.65	0.86	0.326	1.930	5.916	1158.	53.	5,	758.7	26.2	1
2224	0	484	37.8918	89.6559	-875.5	MCU	5.50	3.19	0.91	0.580	3.522	6.069	1322.	33.	3.	759.7	26.2	1
2225	0	492	37.8917	89.6567	-877.0	MCU	7.14	3.13	1.09	0.439	2.863	6.529	1367.	48.	0.	760.7	26.2	1
2226	0	504	37.8917	89.6574	-877.7	MCU	6.43	2.90	1.33	0.450	2.185	4.851	1307.	41.	0.	761.8	26.2	1

CP9 IP12

* ID	TAGS QUAL	ALT	* LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
2227	0	492	37.8917	89.6582	-879.7	MCU	8.71	2.56	1.31	0.294	1.956	6.659	1464.	34.	0.	762.3	26.2	1
2228	0	468	37.8917	89.6589	-881.7	MCU	5.38	2.79	0.78	0.518	3.583	6.912	1224.	42.	0.	761.2	26.2	1
2229	10	480	37.8917	89.6597	-884.0	PPCV	6.43	1.00	1.04	0.0	0.0	6.158	1346.	33.	6.	760.2	26.1	1
2230	0	472	37.8917	89.6605	-885.2	PPCV	4.29	2.74	0.89	0.637	3.085	4.842	1333.	60.	3.	760.2	26.1	1
2231	0	464	37.8917	89.6612	-888.0	PPCV	5.84	3.75	0.90	0.643	4.186	6.508	1506.	32.	0.	760.7	26.1	1
2232	0	464	37.8917	89.6619	-890.5	PPCV	7.09	3.02	1.35	0.426	2.235	5.248	1615.	34.	2.	761.8	26.1	1
2233	0	436	37.8917	89.6627	-892.5	PPCV	9.04	2.68	1.23	0.297	2.179	7.348	1653.	47.	0.	762.8	26.1	1
2234	0	420	37.8917	89.6634	-894.0	PPCV	7.44	2.09	1.27	0.281	1.645	5.859	1667.	32.	3.	762.8	26.1	1
2235	0	420	37.8917	89.6641	-897.7	PPCV	6.66	2.00	1.18	0.300	1.698	5.656	1668.	49.	3.	762.8	26.1	1
2236	0	432	37.8918	89.6648	-897.7	PPCV	8.18	2.07	1.40	0.253	1.486	5.864	1684.	33.	0.	761.8	26.2	1
2237	0	424	37.8918	89.6656	-897.0	PPCV	5.02	3.69	1.31	0.735	2.815	3.831	1641.	57.	0.	760.7	26.2	1
2238	0	424	37.8917	89.6663	-900.0	PPCV	8.55	1.95	1.29	0.228	1.510	6.631	1646.	41.	1.	760.7	26.2	1
2239	10	416	37.8917	89.6670	-902.0	PPCV	7.81	1.09	1.37	0.0	0.0	5.686	1506.	42.	2.	761.8	26.2	1
2240	10	424	37.8917	89.6677	-902.7	PPCV	8.97	1.06	1.00	0.0	0.0	8.989	1292.	43.	0.	761.8	26.2	1
2241	0	436	37.8917	89.6684	-905.2	PPCV	5.45	2.13	1.01	0.391	2.118	5.420	1260.	43.	0.	762.8	26.2	1
2242	0	460	37.8917	89.6692	-906.2	MCU	3.61	1.97	1.00	0.545	1.964	3.606	1147.	40.	2.	763.3	26.2	1
2243	10	468	37.8917	89.6698	-907.7	MCU	4.67	0.67	1.11	0.0	0.0	4.210	1136.	36.	3.	762.3	26.3	1
2244	0	500	37.8917	89.6705	-910.0	MCU	4.20	2.68	1.17	0.639	2.294	3.592	1163.	39.	3.	762.3	26.3	1
2245	0	520	37.8917	89.6712	-910.7	MCU	6.57	2.94	0.61	0.447	4.785	10.694	1146.	41.	0.	761.8	26.2	1
2246	0	512	37.8917	89.6719	-911.5	MCU	4.34	2.05	0.77	0.473	2.682	5.669	1224.	38.	4.	760.7	26.3	1
2247	0	496	37.8917	89.6726	-913.7	MCU	4.45	2.22	1.09	0.500	2.034	4.071	1238.	42.	3.	761.8	26.2	1
2248	0	484	37.8917	89.6734	-913.7	MCU	3.19	2.66	0.81	0.834	3.305	3.962	1093.	48.	3.	763.8	26.2	1
2249	10	472	37.8917	89.6741	-915.2	MCU	6.65	1.28	0.78	0.0	0.0	8.531	1131.	33.	8.	762.8	26.2	1
2250	0	484	37.8917	89.6747	-918.0	MCU	3.69	2.03	0.92	0.550	2.200	4.003	1192.	30.	4.	762.8	26.2	1
2251	0	496	37.8917	89.6754	-917.0	MCU	4.85	1.91	0.53	0.393	3.634	9.237	1104.	41.	4.	762.8	26.2	1
2252	0	456	37.8917	89.6761	-917.5	MCU	2.96	.08	0.89	1.378	4.582	3.324	1134.	46.	1.	761.8	26.2	1
2253	0	436	37.8917	89.6768	-917.5	MCU	2.17	2.68	0.89	1.234	3.018	2.445	1206.	32.	5.	760.7	26.2	1
2254	0	444	37.8917	89.6775	-918.7	MCU	5.27	1.91	1.25	0.362	1.520	4.197	1329.	32.	2.	761.8	26.2	1
2255	0	448	37.8917	89.6783	-920.5	MCU	6.64	2.16	0.92	0.325	2.352	7.229	1338.	33.	4.	762.3	26.1	1
2256	0	448	37.8917	89.6790	-921.0	MCU	6.86	2.54	1.15	0.370	2.209	5.973	1462.	45.	0.	762.3	26.1	1
2257	0	500	37.8917	89.6796	-920.5	MCU	7.77	4.16	0.99	0.535	4.216	7.877	1510.	43.	1.	763.3	26.2	1
2258	0	508	37.8917	89.6804	-922.2	PPCV	3.66	5.33	1.16	1.457	4.614	3.167	1540.	34.	5.	763.3	26.1	1
2259	0	512	37.8917	89.6810	-922.2	PPCV	7.74	2.05	0.90	0.265	2.276	8.590	1558.	41.	3.	762.3	26.1	1
2260	10	484	37.8917	89.6817	-921.7	PPCV	7.58	1.54	1.38	0.0	0.0	5.492	1522.	43.	2.	761.2	26.1	1
2261	0	464	37.8917	89.6825	-923.0	PPCV	5.11	2.69	1.06	0.527	2.548	4.837	1431.	35.	8.	760.7	26.1	1
2262	0	444	37.8917	89.6832	-924.0	PPCV	8.20	1.85	1.16	0.226	1.601	7.099	1350.	38.	7.	761.2	26.1	1
2263	0	440	37.8917	89.6839	-924.2	PPCV	6.81	2.60	1.13	0.382	2.293	6.009	1416.	44.	5.	762.3	26.0	1
2264	10	448	37.8917	89.6846	-925.0	PPCV	7.85	1.35	1.30	0.0	0.0	6.062	1512.	38.	8.	762.3	26.1	1
2265	0	472	37.8917	89.6853	-925.2	PPCV	7.10	3.08	0.93	0.434	3.299	7.605	1569.	38.	9.	763.3	26.1	1
2266	0	492	37.8917	89.6860	-925.0	PPCV	5.74	3.44	1.14	0.599	3.007	5.018	1564.	47.	7.	763.3	26.1	1
2267	0	500	37.8917	89.6867	-924.0	PPCV	6.75	2.97	1.33	0.440	2.222	5.055	1618.	47.	4.	762.8	26.0	1
2268	0	504	37.8917	89.6874	-924.0	PPCV	6.66	1.87	1.49	0.281	1.259	4.475	1549.	54.	4.	761.8	26.0	1
2269	10	496	37.8917	89.6881	-923.5	PPCV	7.44	1.43	1.26	0.0	0.0	5.926	1566.	35.	4.	760.7	26.0	1
2270	10	508	37.8917	89.6888	-923.5	MCU	6.72	0.92	1.26	0.0	0.0	5.330	1565.	43.	6.	760.7	26.1	1
2271	0	520	37.8917	89.6895	-925.0	MCU	6.75	2.20	1.30	0.326	1.693	5.194	1597.	36.	6.	761.8	26.1	1
2272	0	504	37.8917	89.6902	-923.5	MCU	4.65	2.54	1.08	0.547	2.352	4.302	1416.	41.	6.	762.8	26.2	1
2273	10	508	37.8917	89.6910	-923.5	MCU	7.92	0.86	1.20	0.0	0.0	6.583	1447.	37.	5.	763.8	26.1	1
2274	10	516	37.8917	89.6916	-922.7	MCU	6.30	1.54	1.09	0.0	0.0	5.803	1228.	46.	3.	762.8	26.1	1
2275	10	504	37.8917	89.6923	-921.2	MCU	5.49	1.14	1.31	0.0	0.0	4.203	1316.	55.	2.	761.8	26.1	1
2276	10	536	37.8916	89.6930	-921.5	MCU	6.69	1.08	1.03	0.0	0.0	6.505	1325.	38.	4.	761.8	26.0	1
2277	0	552	37.8916	89.6937	-919.5	MCU	4.31	2.92	0.86	0.678	3.383	4.989	1268.	45.	3.	761.2	26.0	1
2278	0	512	37.8916	89.6944	-918.0	MCU	2.26	4.42	0.90	1.956	4.934	2.523	1199.	45.	1.	761.8	26.0	1
2279	10	520	37.8916	89.6952	-917.0	MCU	6.55	1.11	0.79	0.0	0.0	8.247	1156.	43.	1.	762.8	26.0	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2280	0	552	37.8916	89.6959	-915.2	MCU	7.25	2.44	0.76	0.337	3.200	9.503	1272.	34.	0.	763.8	26.0	1
2281	0	600	37.8916	89.6965	-914.7	MCU	5.20	6.53	0.82	1.255	7.956	6.341	1341.	33.	0.	763.8	26.0	1
2282	0	604	37.8916	89.6972	-913.7	QAL	7.14	3.67	1.04	0.514	3.519	6.839	1385.	36.	1.	762.8	26.1	1
2283	0	612	37.8916	89.6979	-911.5	QAL	4.64	2.35	0.84	0.507	2.783	5.491	1313.	38.	0.	762.8	26.0	1
2284	10	616	37.8916	89.6987	-909.0	QAL	7.88	1.70	1.06	0.0	0.0	7.468	1361.	36.	0.	761.8	26.1	1
2285	0	620	37.8916	89.6994	-907.7	QAL	5.50	2.40	1.27	0.436	1.895	4.348	1367.	37.	1.	761.8	26.1	1
2286	0	600	37.8916	89.7001	-906.2	QAL	6.37	3.25	0.86	0.510	3.796	7.437	1282.	35.	4.	762.8	26.1	1
2287	0	540	37.8916	89.7008	-904.2	QAL	6.41	1.82	0.95	0.284	1.916	6.755	1293.	32.	5.	763.8	26.1	1
2288	0	516	37.8916	89.7014	-903.0	QAL	5.00	2.09	0.93	0.417	2.239	5.364	1158.	35.	4.	762.8	26.1	1
2289	0	492	37.8916	89.7022	-902.7	QAL	5.06	2.76	0.99	0.546	2.803	5.132	1267.	42.	5.	762.8	26.0	1
2290	10	476	37.8916	89.7029	-898.7	QAL	4.95	0.93	1.10	0.0	0.0	4.479	1148.	39.	7.	762.8	26.0	1
2291	0	464	37.8916	89.7036	-896.0	QAL	3.59	1.83	0.75	0.509	2.436	4.781	1114.	35.	6.	761.2	26.0	1
2292	10	472	37.8916	89.7043	-895.0	MCU	4.40	1.22	1.02	0.0	0.0	4.307	1201.	32.	7.	761.2	26.0	1
2293	0	512	37.8916	89.7050	-892.2	MCU	6.21	3.34	0.96	0.538	3.485	6.476	1237.	44.	0.	763.3	25.9	1
2294	0	520	37.8916	89.7057	-888.7	MCU	4.38	3.15	0.94	0.721	3.369	4.676	1258.	37.	0.	763.3	26.0	1
2295	10	492	37.8916	89.7064	-886.7	MCU	6.35	0.78	1.06	0.0	0.0	5.997	1183.	50.	0.	762.8	26.0	1
2296	10	488	37.8916	89.7071	-884.2	MCU	6.77	1.41	0.79	0.0	0.0	8.616	1217.	29.	1.	762.8	26.0	1
2297	0	504	37.8916	89.7078	-882.5	MCU	5.04	1.72	1.06	0.342	1.623	4.745	1273.	31.	0.	761.8	26.0	1
2298	0	504	37.8916	89.7085	-879.7	MCU	5.28	2.96	1.20	0.561	2.459	4.383	1286.	46.	0.	761.8	26.1	1
2299	10	496	37.8916	89.7092	-877.0	MCU	7.55	0.78	1.19	0.0	0.0	6.364	1284.	34.	1.	762.3	26.0	1
2300	0	504	37.8916	89.7099	-874.0	MCU	7.16	1.92	0.99	0.269	1.936	7.204	1309.	41.	5.	763.3	26.0	1
2301	10	512	37.8916	89.7106	-871.0	MCU	5.84	0.98	0.85	0.0	0.0	6.848	1312.	28.	9.	764.3	26.0	1
2302	0	524	37.8916	89.7114	-868.5	MCU	7.58	1.82	0.92	0.240	1.984	8.274	1375.	40.	6.	763.3	26.1	1
2303	0	524	37.8916	89.7121	-865.2	MCU	5.93	2.46	0.82	0.415	2.987	7.190	1338.	33.	10.	761.2	26.1	1
2304	0	548	37.8916	89.7127	-861.7	MCU	6.89	2.20	0.81	0.320	2.714	8.487	1427.	34.	14.	761.2	26.1	1
2305	10	528	37.8916	89.7135	-859.0	MCU	6.49	1.70	1.23	0.0	0.0	5.292	1461.	35.	11.	761.8	26.1	1
2306	10	496	37.8915	89.7141	-856.2	MCU	5.80	1.74	0.96	0.0	0.0	6.072	1385.	35.	12.	762.8	26.1	1
2307	0	504	37.8915	89.7148	-853.2	MCU	6.74	3.74	1.01	0.556	3.690	6.641	1603.	35.	4.	763.3	26.1	1
2308	0	488	37.8915	89.7156	-850.5	MCU	6.81	2.53	1.19	0.372	2.122	5.701	1509.	37.	11.	763.3	26.1	1
2309	0	480	37.8915	89.7163	-848.2	MCU	8.74	2.17	1.03	0.248	2.096	8.457	1624.	41.	4.	763.8	26.1	1
2310	0	472	37.8915	89.7170	-845.0	MCU	9.05	2.08	1.20	0.230	1.734	7.540	1576.	43.	3.	762.8	26.2	1
2311	0	476	37.8915	89.7177	-840.2	MCU	6.04	1.89	1.48	0.313	1.276	4.080	1556.	33.	5.	761.2	26.2	1
2312	0	484	37.8915	89.7184	-838.2	MCU	7.42	2.38	1.47	0.320	1.620	5.061	1563.	34.	0.	761.2	26.2	1
2313	0	488	37.8915	89.7190	-835.7	MCU	3.92	4.94	1.11	1.261	4.440	3.520	1570.	42.	2.	761.2	26.2	1
2314	0	500	37.8915	89.7198	-831.7	MCU	7.42	3.29	1.48	0.443	2.217	5.002	1578.	42.	2.	761.2	26.2	1
2315	0	528	37.8915	89.7205	-830.0	MCU	8.29	2.00	1.30	0.242	1.542	6.379	1584.	33.	0.	762.8	26.2	1
2316	0	520	37.8915	89.7212	-828.2	MCU	8.61	3.99	1.05	0.464	3.817	8.229	1562.	36.	3.	762.8	26.2	1
2317	0	496	37.8915	89.7219	-825.2	MCU	6.91	1.70	1.19	0.247	1.432	5.807	1503.	42.	4.	761.8	26.1	1
2318	10	496	37.8916	89.7226	-822.0	MCU	4.05	1.04	1.18	0.0	0.0	3.446	1416.	42.	7.	760.7	26.1	1
2319	0	504	37.8915	89.7233	-819.5	MCU	4.35	1.91	1.07	0.440	1.789	4.069	1331.	50.	4.	760.7	26.1	1
2320	0	508	37.8915	89.7239	-818.0	MCU	6.65	2.37	1.07	0.356	2.204	6.189	1335.	35.	3.	761.8	26.1	1
2321	10	504	37.8915	89.7247	-816.0	MCU	6.06	0.98	1.21	0.0	0.0	5.003	1284.	49.	5.	763.3	26.1	1
2322	0	460	37.8915	89.7254	-814.2	MCU	6.58	2.03	1.03	0.308	1.961	6.370	1311.	36.	2.	763.3	26.1	1
2323	0	440	37.8915	89.7261	-810.5	MCU	5.87	3.23	0.86	0.550	3.758	6.829	1294.	40.	0.	762.8	26.0	1
2324	0	460	37.8915	89.7268	-806.5	MCU	6.33	1.97	1.12	0.311	1.758	5.645	1356.	33.	3.	762.8	26.1	1
2325	0	480	37.8915	89.7275	-805.5	MCU	5.79	2.84	0.90	0.491	3.156	6.426	1364.	50.	0.	761.8	26.1	1
2326	0	488	37.8915	89.7283	-805.0	MCU	6.17	2.49	0.88	0.403	2.840	7.052	1404.	39.	0.	761.8	26.1	1
2327	0	484	37.8915	89.7289	-803.0	MCU	5.89	2.05	1.18	0.349	1.745	5.004	1309.	43.	1.	763.8	26.1	1
2328	0	484	37.8915	89.7296	-801.0	MCU	5.29	2.44	1.24	0.461	1.961	4.257	1358.	37.	4.	764.3	26.1	1
2329	0	460	37.8915	89.7303	-798.7	MCU	4.98	2.81	0.81	0.564	3.448	6.116	1388.	35.	6.	762.8	26.1	1
2330	0	476	37.8915	89.7310	-797.0	MCU	8.50	2.38	1.22	0.280	1.951	6.968	1627.	40.	5.	762.3	26.1	1
2331	0	476	37.8915	89.7317	-795.7	MCU	6.65	2.92	1.28	0.439	2.286	5.209	1491.	52.	7.	762.3	26.1	1
2332	10	500	37.8915	89.7325	-793.5	MCU	9.25	0.37	1.65	0.0	0.0	5.609	1620.	34.	11.	762.8	26.1	1

CP 9 IP 12

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2333	10	480	37.8915	89.7332	-793.0	MCU	7.30	0.40	1.67	0.0	0.0	4.377	1553.	35.	8.	763.8	26.0	1
2334	10	472	37.8915	89.7339	-792.0	MCU	5.71	0.74	1.15	0.0	0.0	4.983	1430.	33.	9.	764.3	26.1	1
2335	10	448	37.8915	89.7345	-790.0	MCU	6.29	1.25	1.15	0.0	0.0	5.483	1499.	37.	7.	763.8	26.0	1
2336	0	460	37.8915	89.7353	-789.0	MCU	5.70	1.97	1.04	0.346	1.888	5.461	1458.	39.	7.	762.8	26.1	1
2337	0	456	37.8915	89.7360	-788.0	MCU	6.55	1.76	0.90	0.269	1.955	7.262	1436.	44.	4.	761.8	26.1	1
2338	0	452	37.8915	89.7366	-786.0	MCU	6.16	2.33	1.26	0.379	1.246	4.875	1395.	36.	2.	761.8	26.2	1
2339	0	460	37.8915	89.7374	-785.7	MCU	6.29	1.58	1.04	0.251	1.525	6.078	1301.	52.	0.	762.8	26.2	1
2340	0	480	37.8915	89.7381	-787.2	MCU	5.53	3.18	1.03	0.575	3.088	5.375	1314.	39.	0.	764.3	26.2	1
2341	10	520	37.8915	89.7388	-786.0	MCU	6.81	1.01	1.39	0.0	0.0	4.882	1450.	40.	3.	763.8	26.2	1
2342	0	568	37.8914	89.7395	-784.7	MCU	5.34	3.38	1.15	0.633	2.937	4.641	1450.	37.	4.	763.8	26.2	1
2343	10	604	37.8914	89.7402	-784.0	MCU	9.22	2.07	1.27	0.0	0.0	7.240	1599.	39.	4.	762.8	26.1	1
2344	0	600	37.8914	89.7409	-782.5	MCU	5.10	1.99	1.27	0.390	1.565	4.011	1434.	45.	5.	761.8	26.1	1
2345	10	596	37.8915	89.7416	-783.2	MCU	7.92	1.72	1.17	0.0	0.0	6.759	1600.	59.	7.	761.8	26.1	1
2346	10	604	37.8915	89.7423	-782.7	MCU	4.61	0.96	1.74	0.0	0.0	2.650	1553.	43.	9.	762.8	26.1	1
2347	0	608	37.8915	89.7430	-782.0	MCU	6.72	2.90	1.12	0.432	2.583	5.976	1544.	40.	6.	763.8	26.1	1
2348	0	620	37.8915	89.7437	-782.7	MCU	7.82	4.32	1.31	0.552	3.300	5.978	1612.	35.	0.	764.3	26.2	1
2349	0	640	37.8915	89.7444	-782.2	MCU	6.53	3.14	1.53	0.481	2.054	4.273	1580.	39.	1.	763.8	26.1	1
2350	0	648	37.8915	89.7452	-780.7	QAL	7.43	2.23	1.08	0.300	2.060	6.856	1502.	50.	2.	762.8	26.1	1
2351	0	660	37.8915	89.7458	-781.5	QAL	6.29	5.06	0.79	0.805	6.370	7.912	1419.	42.	0.	761.8	26.1	1
2352	10	608	37.8915	89.7465	-781.7	QAL	6.94	1.73	1.08	0.0	0.0	6.418	1289.	36.	0.	761.8	26.1	1
2353	10	568	37.8915	89.7472	-781.0	QAL	6.65	0.75	1.16	0.0	0.0	5.752	1238.	40.	0.	762.8	26.0	1
2354	0	536	37.8914	89.7479	-782.0	QAL	4.11	3.12	1.14	0.759	2.728	3.595	1374.	40.	0.	763.8	26.1	1
2355	0	500	37.8914	89.7486	-782.5	QAL	6.87	3.43	0.83	0.500	4.139	8.282	1309.	35.	0.	763.8	26.1	1
2356	10	500	37.8914	89.7494	-781.2	QAL	5.67	1.04	1.40	0.0	0.0	4.053	1354.	34.	0.	762.8	26.1	1
2357	0	504	37.8914	89.7501	-780.7	QAL	6.69	1.93	1.22	0.289	1.584	5.485	1457.	36.	0.	761.8	26.1	1
2358	0	484	37.8914	89.7508	-780.7	QAL	5.01	2.97	1.38	0.593	2.151	3.629	1497.	35.	2.	761.8	26.2	1
2359	0	472	37.8914	89.7514	-781.0	QAL	7.11	1.95	1.02	0.275	1.909	6.954	1308.	49.	0.	761.8	26.3	1
2360	0	496	37.8914	89.7522	-781.0	QAL	5.13	3.26	1.03	0.636	3.150	4.956	1332.	48.	3.	762.8	26.3	1
2361	0	508	37.8914	89.7529	-783.7	QAL	5.53	3.32	1.13	0.600	2.949	4.912	1463.	36.	1.	763.8	26.3	1
2362	0	532	37.8914	89.7536	-784.2	QAL	6.50	2.12	1.17	0.326	1.806	5.545	1407.	46.	5.	763.3	26.3	1
2363	0	572	37.8914	89.7543	-782.5	QAL	3.43	1.90	1.47	0.554	1.291	2.330	1478.	34.	7.	762.3	26.2	1
2364	10	604	37.8914	89.7550	-782.2	MCU	5.37	1.78	1.50	0.0	0.0	3.577	1534.	46.	6.	761.2	26.1	1
2365	0	624	37.8914	89.7557	-783.2	MCU	7.96	2.67	1.12	0.335	2.389	7.134	1637.	27.	6.	761.2	26.0	1
2366	10	620	37.8914	89.7563	-782.7	MCU	5.07	1.04	1.07	0.0	0.0	4.751	1437.	39.	9.	761.2	26.0	1
2367	0	608	37.8914	89.7571	-784.5	QAL	6.03	2.37	1.35	0.393	1.754	4.466	1508.	43.	6.	761.8	26.0	1
2368	10	612	37.8914	89.7578	-785.2	QAL	6.93	1.62	1.59	0.0	0.0	4.360	1566.	31.	6.	762.8	26.0	1
2369	0	600	37.8914	89.7585	-783.7	QAL	4.72	2.99	1.57	0.634	1.911	3.012	1484.	36.	3.	763.8	26.0	1
2370	0	600	37.8914	89.7592	-783.7	QAL	6.32	2.76	1.07	0.438	2.585	5.906	1408.	30.	7.	764.3	26.0	1
2371	10	596	37.8914	89.7599	-785.5	QAL	5.17	0.09	1.50	0.0	0.0	3.452	1395.	48.	7.	762.8	26.0	1
2372	0	584	37.8914	89.7606	-786.0	QAL	6.35	3.38	1.19	0.532	2.833	5.324	1397.	29.	2.	762.8	26.0	1
2373	0	576	37.8914	89.7613	-786.2	QAL	5.84	2.19	1.44	0.375	1.523	4.057	1283.	38.	5.	762.8	26.0	1
2374	0	552	37.8914	89.7620	-786.7	QAL	7.05	2.63	1.40	0.373	1.882	5.041	1354.	33.	2.	762.8	26.0	1
2375	0	532	37.8914	89.7627	-786.5	QAL	4.79	2.25	0.63	0.469	3.548	7.562	1155.	35.	2.	762.8	26.1	1
2376	0	524	37.8914	89.7635	-788.2	QAL	4.69	1.96	0.96	0.417	2.036	4.880	1174.	43.	3.	763.3	26.1	1
2377	10	516	37.8914	89.7641	-789.0	QAL	3.24	1.04	0.95	0.0	0.0	3.429	1111.	38.	4.	763.8	26.0	1
2378	0	504	37.8914	89.7648	-789.5	QAL	3.90	2.83	0.97	0.725	2.918	4.027	1195.	39.	1.	764.3	26.2	1
2379	10	512	37.8914	89.7656	-792.2	QAL	5.53	-0.08	1.18	0.0	0.0	4.705	1180.	55.	2.	765.4	26.2	1
2380	0	508	37.8914	89.7662	-793.7	QAL	1.37	3.77	0.91	2.764	4.147	1.500	1111.	35.	1.	765.4	26.3	1
2381	10	504	37.8914	89.7670	-794.5	QAL	4.31	1.14	0.80	0.0	0.0	5.371	1080.	28.	1.	764.3	26.4	1
2382	0	520	37.8914	89.7677	-796.7	QAL	2.62	3.24	0.90	1.235	3.587	2.905	1008.	44.	0.	764.3	26.5	1
2383	0	516	37.8914	89.7684	-799.0	QAL	2.81	2.83	0.86	1.006	3.300	3.279	1118.	31.	0.	764.3	26.4	1
2384	10	504	37.8914	89.7690	-801.2	QAL	4.77	1.33	0.78	0.0	0.0	6.098	1054.	30.	0.	763.8	26.3	1
2385	0	480	37.8914	89.7697	-803.7	QAL	3.26	2.32	0.86	0.712	2.700	3.790	1160.	35.	0.	764.3	26.3	1

* TAGS			* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2386	0	484	37.8914	89.7705	-804.7	MCU	5.29	2.66	0.71	0.504	3.767	7.479	1083.	38.	0.	764.9	26.4	1
2387	10	540	37.8913	89.7712	-807.5	MCU	5.45	0.73	1.28	0.0	0.0	4.269	1226.	52.	2.	764.9	26.3	1
2388	0	524	37.8913	89.7719	-808.5	MCU	4.06	1.85	1.21	0.456	1.526	3.346	1270.	37.	1.	765.9	26.4	1
2389	0	460	37.8913	89.7726	-810.0	QAL	6.17	2.33	0.76	0.378	3.063	8.095	1103.	41.	0.	766.9	26.4	1
2390	0	460	37.8913	89.7733	-812.7	QAL	2.38	2.17	0.91	0.910	2.394	2.630	1065.	38.	1.	766.4	26.5	1
2391	0	472	37.8913	89.7739	-815.7	QAL	6.34	1.47	0.72	0.232	2.037	8.777	1052.	34.	0.	765.4	26.5	1
2392	0	484	37.8913	89.7747	-817.5	QAL	3.77	1.38	0.88	0.366	1.563	4.270	1049.	41.	2.	763.8	26.6	1
2393	0	464	37.8913	89.7754	-819.5	QAL	2.27	2.29	0.90	1.010	2.543	2.519	1051.	43.	2.	763.8	26.6	1
2394	0	456	37.8913	89.7761	-820.5	QAL	4.91	1.58	0.77	0.322	2.046	6.359	1039.	40.	0.	763.8	26.6	1
2395	10	448	37.8913	89.7768	-823.0	QAL	6.11	0.76	0.85	0.0	0.0	7.151	1119.	42.	0.	764.3	26.6	1
2396	10	468	37.8913	89.7775	-825.7	QAL	6.62	0.56	1.01	0.0	0.0	6.532	1228.	30.	2.	765.9	26.6	1
2397	10	468	37.8913	89.7783	-828.0	MCU	6.69	1.28	0.87	0.0	0.0	7.653	1185.	37.	4.	766.4	26.6	1
2398	0	452	37.8913	89.7789	-829.2	MCU	4.51	1.58	1.18	0.349	1.331	3.812	1258.	34.	5.	766.4	26.6	1
2399	0	472	37.8913	89.7796	-831.0	MCU	4.33	2.37	1.27	0.548	1.871	3.412	1389.	27.	2.	766.4	26.6	1
2400	0	472	37.8913	89.7803	-832.2	MCU	4.60	3.05	1.18	0.662	2.579	3.895	1422.	37.	4.	765.9	26.6	1
2401	0	480	37.8913	89.7810	-836.7	MCU	5.62	2.39	1.06	0.426	2.263	5.314	1361.	32.	4.	764.9	26.6	1
2402	0	516	37.8913	89.7817	-839.5	MCU	4.02	4.18	1.22	1.039	3.433	3.304	1416.	35.	3.	764.3	26.6	1
2403	0	536	37.8913	89.7824	-842.0	MCU	4.57	2.98	1.22	0.651	2.444	3.754	1417.	43.	5.	764.3	26.5	1
2404	0	540	37.8913	89.7832	-843.0	QAL	4.56	2.18	1.17	0.478	1.866	3.905	1452.	37.	8.	764.3	26.6	1
2405	0	536	37.8913	89.7838	-844.0	QAL	5.13	3.21	1.08	0.627	2.962	4.727	1484.	29.	5.	764.9	26.5	1
2406	10	496	37.8913	89.7845	-848.0	QAL	5.30	0.43	1.35	0.0	0.0	3.910	1416.	37.	3.	765.9	26.5	1
2407	0	452	37.8913	89.7853	-850.7	QAL	5.09	2.86	0.90	0.562	3.186	5.666	1300.	47.	4.	766.4	26.5	1
2408	10	444	37.8913	89.7859	-850.7	QAL	8.40	0.96	1.06	0.0	0.0	7.933	1299.	49.	2.	766.4	26.5	1
2409	0	440	37.8913	89.7866	-854.7	QAL	5.63	1.79	1.10	0.317	1.624	5.119	1294.	48.	5.	766.4	26.4	1
2410	0	424	37.8913	89.7874	-857.2	MCU	4.64	2.63	0.95	0.567	2.761	4.869	1306.	42.	7.	765.9	26.4	1
2411	10	428	37.8913	89.7881	-857.5	MCU	6.00	0.34	1.05	0.0	0.0	5.716	1356.	48.	9.	764.9	26.5	1
2412	0	404	37.8913	89.7887	-862.0	MCU	7.16	2.92	12	0.407	2.596	6.375	1454.	31.	4.	764.3	26.3	1
2413	0	384	37.8913	89.7895	-866.0	MCU	5.10	1.63	.24	0.320	1.313	4.109	1448.	42.	5.	764.3	26.3	1
2414	0	352	37.8913	89.7902	-866.5	MCU	4.57	1.31	1.21	0.285	1.080	3.785	1364.	49.	6.	764.3	26.3	1
2415	0	348	37.8913	89.7908	-868.7	MCU	7.42	3.44	1.07	0.463	3.207	6.926	1462.	44.	3.	764.9	26.3	1
2416	0	328	37.8912	89.7916	-870.2	MCU	7.95	1.37	1.27	0.173	1.078	6.247	1483.	44.	1.	765.9	26.3	1
2417	0	316	37.8912	89.7923	-873.0	MCU	6.07	1.64	1.32	0.270	1.242	4.604	1395.	48.	1.	766.4	26.3	1
2418	0	324	37.8912	89.7930	-876.2	MCU	5.85	2.53	1.01	0.432	2.512	5.810	1386.	42.	3.	766.4	26.3	1
2419	0	344	37.8912	89.7937	-879.2	MCU	5.82	3.10	0.96	0.532	3.212	6.032	1371.	40.	2.	766.4	26.3	1
2420	10	348	37.8912	89.7944	-882.0	MCU	5.85	0.64	1.06	0.0	0.0	5.500	1292.	33.	3.	764.9	26.3	1
2421	0	352	37.8912	89.7951	-884.0	MCU	4.31	2.57	0.92	0.595	2.802	4.706	1296.	42.	9.	763.8	26.3	1
2422	0	352	37.8912	89.7959	-885.0	MCU	4.63	2.60	0.96	0.561	2.700	4.814	1339.	47.	7.	764.3	26.3	1
2423	0	336	37.8912	89.7965	-887.5	MCU	6.10	2.25	1.00	0.369	2.241	6.069	1463.	31.	9.	765.4	26.3	1
2424	0	320	37.8912	89.7972	-889.2	MCU	6.02	2.23	1.16	0.370	1.917	5.178	1517.	26.	8.	766.4	26.3	1
2425	0	328	37.8912	89.7979	-886.2	MCU	7.84	3.55	1.06	0.452	3.348	7.402	1475.	49.	3.	766.4	26.3	1
2426	0	312	37.8912	89.7986	-887.0	MCU	6.60	2.49	1.21	0.377	2.059	5.456	1476.	44.	7.	765.9	26.3	1
2427	0	328	37.8912	89.7993	-891.5	MCU	6.98	2.34	1.46	0.335	1.602	4.786	1522.	37.	7.	765.9	26.4	1
2428	0	324	37.8912	89.8001	-896.7	MCU	6.21	2.44	1.14	0.392	2.139	5.451	1395.	32.	3.	764.9	26.5	1
2429	0	336	37.8912	89.8008	-901.7	MCU	4.57	2.32	1.24	0.507	1.865	3.677	1397.	39.	6.	764.9	26.4	1
2430	0	380	37.8912	89.8014	-903.7	MCU	4.91	1.74	1.00	0.355	1.735	4.892	1369.	42.	6.	765.4	26.4	1
2431	0	400	37.8912	89.8022	-905.0	MCU	5.32	1.31	1.08	0.247	1.213	4.913	1322.	34.	3.	765.4	26.3	1
2432	0	408	37.8912	89.8029	-910.2	MCU	5.50	1.65	1.03	0.301	1.612	5.362	1326.	49.	1.	765.4	26.4	1
2433	0	428	37.8912	89.8035	-915.5	MCU	4.96	1.88	1.07	0.379	1.764	4.656	1247.	41.	3.	766.4	26.3	1
2434	0	448	37.8912	89.8043	-915.5	MCU	4.18	2.70	0.95	0.646	2.844	4.403	1253.	37.	1.	765.4	26.3	1
2435	0	440	37.8912	89.8050	-915.5	MCU	5.15	2.59	1.07	0.503	2.426	4.822	1270.	44.	0.	764.3	26.3	1
2436	0	440	37.8912	89.8057	-917.2	MCU	3.96	3.07	0.88	0.775	3.476	4.487	1170.	45.	0.	764.3	26.3	1
2437	0	452	37.8912	89.8064	-919.5	MCU	3.64	3.17	1.15	0.872	2.755	3.159	1219.	28.	0.	765.4	26.4	1
2438	0	496	37.8912	89.8071	-923.0	MCU	3.84	2.11	1.04	0.551	2.035	3.695	1090.	48.	0.	766.4	26.3	1

CP9 IP12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2439	0	544	37.8912	89.8078	-925.7	MCU	4.81	2.20	0.73	0.458	3.034	6.621	964.	52.	0.	766.9	26.3	1
2440	0	572	37.8912	89.8085	-925.5	MCU	2.87	3.47	0.58	1.210	5.975	4.940	818.	33.	0.	765.9	26.4	1
2441	10	572	37.8912	89.8092	-927.2	MCU	3.90	0.14	0.58	0.0	0.0	6.678	682.	29.	3.	764.9	26.3	1
2442	10	568	37.8912	89.8099	-928.0	MCU	2.11	-0.71	0.40	0.0	0.0	5.308	480.	38.	6.	763.8	26.3	1
2443	110	564	37.8912	89.8106	-927.7	(WATER)	1.24	-0.93	0.28	0.0	0.0	0.0	340.	34.	11.	763.8	26.3	1
2444	111	560	37.8912	89.8113	-930.2	(WATER)	1.22	-0.39	0.07	0.0	0.0	0.0	189.	46.	10.	765.4	26.3	1
2445	11	560	37.8912	89.8120	-932.0	(WATER)	1.40	-1.64	-0.04	0.0	0.0	0.0	199.	35.	14.	767.4	26.3	1
2446	111	560	37.8912	89.8127	-931.7	(WATER)	0.72	-0.06	-0.06	0.0	0.0	0.0	102.	43.	6.	766.9	26.3	1
2447	111	560	37.8912	89.8134	-933.0	(WATER)	-0.14	0.43	-0.09	0.0	0.0	0.0	101.	43.	10.	765.9	26.3	1
2448	111	560	37.8911	89.8141	-933.0	(WATER)	0.00	-1.47	0.07	0.0	0.0	0.0	122.	36.	10.	765.4	26.3	1
2449	110	560	37.8911	89.8148	-933.0	(WATER)	1.08	-1.53	0.18	0.0	0.0	0.0	110.	33.	8.	764.3	26.3	1
2450	111	560	37.8911	89.8155	-935.0	(WATER)	0.13	0.19	-0.07	0.0	0.0	0.0	90.	38.	4.	764.3	26.3	1
2451	111	560	37.8911	89.8162	-935.2	(WATER)	0.31	-0.86	0.02	0.0	0.0	0.0	64.	55.	3.	766.4	26.3	1
2452	111	560	37.8911	89.8169	-936.0	(WATER)	0.56	-0.59	0.03	0.0	0.0	0.0	122.	46.	0.	767.4	26.2	1
2453	111	560	37.8911	89.8177	-936.7	(WATER)	0.14	-0.76	0.14	0.0	0.0	0.0	88.	46.	4.	766.4	26.2	1
2454	111	556	37.8911	89.8183	-938.0	(WATER)	0.50	-0.21	0.02	0.0	0.0	0.0	155.	47.	0.	764.9	26.2	1
2455	110	556	37.8912	89.8190	-938.0	(WATER)	0.79	-0.19	0.19	0.0	0.0	0.0	212.	36.	0.	764.9	26.2	1
2456	10	552	37.8912	89.8197	-938.7	(WATER)	2.05	0.65	0.22	0.0	0.0	9.362	260.	43.	1.	765.4	26.2	1
2457	0	552	37.8911	89.8205	-937.7	(WATER)	2.38	1.60	0.26	0.671	6.065	9.039	541.	30.	0.	765.4	26.2	1
2458	10	552	37.8911	89.8212	-935.5	(WATER)	3.97	-0.20	0.67	0.0	0.0	5.915	638.	37.	2.	766.4	26.2	1
2459	0	548	37.8911	89.8219	-931.0	(WATER)	4.15	1.72	0.69	0.414	2.495	6.032	906.	45.	1.	766.9	26.2	1
2460	0	532	37.8911	89.8226	-925.5	(WATER)	4.01	2.76	0.94	0.689	2.954	4.288	1143.	36.	2.	765.9	26.3	1
2461	0	524	37.8911	89.8232	-926.7	(WATER)	3.65	2.12	1.36	0.580	1.555	2.681	1338.	34.	4.	764.9	26.2	1
2462	10	532	37.8911	89.8240	-931.0	QAL	4.60	0.19	1.33	0.0	0.0	3.455	1360.	59.	7.	765.4	26.2	1
2463	0	532	37.8911	89.8247	-934.0	QAL	5.46	2.93	1.37	0.538	2.137	3.975	1521.	44.	0.	766.4	26.2	1
2464	10	536	37.8911	89.8254	-938.0	QAL	7.85	1.59	1.52	0.0	0.0	5.161	1722.	27.	6.	767.4	26.2	1
2465	0	532	37.8911	89.8261	-940.5	QAL	6.55	3.30	1.65	0.503	1.997	3.966	1694.	37.	1.	767.4	26.2	1
2466	0	536	37.8911	89.8268	-940.2	QAL	5.45	2.98	1.62	0.546	1.843	3.375	1628.	53.	0.	766.4	26.2	1
2467	0	532	37.8911	89.8275	-940.5	QAL	6.07	3.16	1.67	0.520	1.892	3.640	1660.	45.	4.	765.4	26.2	1
2468	0	532	37.8911	89.8282	-940.2	QAL	5.64	3.44	1.44	0.609	2.385	3.914	1727.	29.	6.	764.9	26.2	1
2469	0	528	37.8911	89.8289	-940.2	QAL	7.36	2.62	1.39	0.357	1.886	5.288	1687.	51.	6.	764.9	26.2	1
2470	0	528	37.8911	89.8296	-942.0	QAL	5.71	2.24	1.54	0.392	1.451	3.701	1773.	40.	9.	765.9	26.2	1
2471	0	532	37.8911	89.8304	-942.5	QAL	7.43	2.29	1.34	0.309	1.714	5.554	1775.	39.	9.	767.4	26.2	1
2472	10	532	37.8911	89.8310	-943.5	QAL	6.76	1.28	1.28	0.0	0.0	5.298	1760.	39.	14.	767.4	26.2	1
2473	10	532	37.8911	89.8317	-942.7	QAL	5.72	1.80	1.63	0.0	0.0	3.514	1712.	48.	10.	766.4	26.2	1
2474	0	532	37.8911	89.8324	-942.0	QAL	7.05	2.41	1.47	0.342	1.643	4.801	1680.	45.	9.	766.4	26.3	1
2475	0	528	37.8911	89.8331	-944.2	QAL	6.25	3.10	1.37	0.496	2.264	4.564	1708.	36.	10.	766.4	26.3	1
2476	0	528	37.8911	89.8338	-945.5	QAL	6.01	1.86	1.77	0.310	1.054	3.398	1885.	34.	11.	765.4	26.3	1
2477	0	528	37.8910	89.8345	-944.0	QAL	8.54	4.69	1.05	0.549	4.479	8.157	1674.	34.	5.	765.4	26.2	1
2478	10	524	37.8910	89.8353	-943.5	QAL	8.38	1.06	1.38	0.0	0.0	6.087	1703.	35.	8.	765.4	26.2	1
2479	0	524	37.8910	89.8359	-945.5	QAL	6.84	2.94	1.65	0.429	1.774	4.135	1724.	37.	1.	767.4	26.2	1
2480	0	524	37.8910	89.8366	-946.5	QAL	5.97	3.37	1.50	0.564	2.242	3.974	1666.	41.	5.	768.5	26.2	1
2481	0	524	37.8910	89.8374	-945.5	QAL	6.43	5.14	1.34	0.799	3.829	4.794	1804.	37.	0.	767.4	26.2	1
2482	10	524	37.8910	89.8380	-943.5	QAL	9.71	1.60	1.49	0.0	0.0	6.536	1730.	47.	0.	765.9	26.3	1
2483	0	520	37.8910	89.8387	-942.7	QAL	7.13	4.21	1.59	0.590	2.639	4.472	1713.	41.	0.	765.9	26.3	1
2484	0	520	37.8910	89.8395	-941.2	QAL	7.27	3.62	1.63	0.498	2.226	4.467	1766.	37.	0.	765.9	26.3	1
2485	0	520	37.8910	89.8402	-940.2	QAL	7.52	5.70	1.22	0.758	4.680	6.178	1762.	43.	0.	765.9	26.3	1
2486	0	524	37.8910	89.8409	-940.0	QAL	6.20	3.76	1.74	0.606	2.163	3.567	1804.	41.	0.	766.9	26.3	1
2487	0	528	37.8910	89.8417	-937.5	QAL	8.25	1.82	1.69	0.220	1.073	4.872	1792.	44.	0.	768.0	26.3	1
2488	0	528	37.8910	89.8423	-936.0	QAL	6.51	3.85	1.26	0.592	3.061	5.173	1737.	41.	4.	768.0	26.3	1
2489	0	524	37.8910	89.8431	-937.7	QAL	7.59	2.62	1.55	0.345	1.689	4.895	1762.	43.	5.	768.0	26.3	1
2490	0	524	37.8910	89.8437	-940.0	QAL	9.00	2.11	1.88	0.235	1.125	4.794	1813.	39.	5.	767.4	26.3	1
2491	10	524	37.8909	89.8444	-938.7	QAL	8.22	1.87	1.35	0.0	0.0	6.068	1841.	33.	8.	766.4	26.3	1

*	TAGS		* LOCATION		*			REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2492	0	524	37.8909	89.8452	-936.5		QAL	6.45	2.19	1.79	0.339	1.226	3.613	1800.	38.	7.	765.4	26.3	1
2493	0	524	37.8909	89.8459	-937.2		QAL	8.41	2.24	1.54	0.267	1.458	5.468	1760.	46.	6.	766.4	26.3	1
2494	0	528	37.8909	89.8466	-936.7		QAL	6.59	4.30	1.29	0.653	3.326	5.092	1814.	37.	6.	767.4	26.3	1
2495	0	532	37.8909	89.8474	-935.7		QAL	6.55	4.09	1.38	0.625	2.971	4.755	1901.	32.	7.	767.4	26.3	1
2496	0	532	37.8909	89.8481	-935.7		QAL	8.07	3.09	1.60	0.383	1.930	5.047	1898.	26.	7.	766.9	26.3	1
2497	10	536	37.8909	89.8487	-935.5		QAL	7.52	0.40	1.38	0.0	0.0	5.449	1806.	41.	12.	766.9	26.5	1
2498	0	540	37.8909	89.8495	-935.2		QAL	9.11	2.55	1.41	0.279	1.804	6.455	1825.	48.	9.	766.4	26.5	1
2499	10	544	37.8909	89.8502	-933.7		QAL	6.27	1.43	1.71	0.0	0.0	3.664	1759.	46.	14.	766.4	26.5	1
2500	10	544	37.8908	89.8509	-934.0		QAL	8.99	1.56	1.10	0.0	0.0	8.139	1748.	33.	17.	766.4	26.5	1
2501	10	540	37.8908	89.8517	-934.2		QAL	8.19	-0.57	2.04	0.0	0.0	4.013	1762.	46.	18.	765.9	26.4	1
2502	10	540	37.8908	89.8524	-934.7		QAL	8.78	1.76	1.42	0.0	0.0	6.180	1890.	26.	13.	765.9	26.5	1
2503	10	544	37.8908	89.8531	-933.7		QAL	7.82	1.82	1.54	0.0	0.0	5.071	1816.	44.	12.	767.4	26.5	1
2504	0	544	37.8908	89.8538	-934.0		QAL	6.96	3.79	1.43	0.545	2.643	4.851	1754.	45.	10.	767.4	26.5	1
2505	10	540	37.8908	89.8544	-933.0		QAL	7.29	1.60	2.02	0.0	0.0	3.602	1830.	29.	13.	767.4	26.5	1
2506	0	536	37.8907	89.8552	-931.2		QAL	5.33	3.25	1.46	0.610	2.227	3.653	1783.	43.	5.	766.9	26.5	1
2507	0	536	37.8907	89.8559	-930.2		QAL	11.31	2.18	1.54	0.193	1.416	7.342	1845.	32.	9.	765.4	26.4	1
2508	0	536	37.8907	89.8566	-930.2		QAL	6.64	1.82	1.75	0.274	1.043	3.802	1768.	44.	5.	764.3	26.4	1
2509	0	540	37.8907	89.8573	-929.7		QAL	6.27	3.90	1.66	0.621	2.347	3.780	1909.	42.	4.	765.4	26.3	1
2510	0	540	37.8907	89.8581	-928.2		QAL	6.15	4.68	1.63	0.761	2.878	3.783	1758.	45.	0.	766.4	26.3	1
2511	0	540	37.8907	89.8588	-929.5		QAL	8.97	2.09	1.75	0.233	1.193	5.123	1754.	37.	0.	767.4	26.3	1
2512	0	536	37.8907	89.8595	-929.7		QAL	4.94	4.60	1.64	0.930	2.798	3.008	1890.	34.	0.	767.4	26.3	1
2513	0	532	37.8907	89.8602	-928.7		QAL	8.32	2.48	1.77	0.297	1.395	4.691	1746.	34.	0.	766.4	26.3	1
2514	0	524	37.8907	89.8609	-929.5		QAL	7.99	2.05	1.85	0.257	1.108	4.311	1822.	38.	0.	766.4	26.3	1
2515	10	524	37.8907	89.8617	-928.2		QAL	9.54	1.56	1.50	0.0	0.0	6.344	1826.	40.	4.	766.4	26.3	1
2516	0	520	37.8907	89.8624	-927.7		QAL	8.61	2.51	1.50	0.292	1.676	5.744	1818.	38.	0.	765.4	26.3	1
2517	0	520	37.8906	89.8631	-929.0		QAL	6.60	3.79	1.63	0.574	2.328	4.060	1863.	34.	3.	766.4	26.3	1
2518	0	520	37.8906	89.8638	-926.5		QAL	8.48	3.51	1.33	0.414	2.647	6.397	1807.	30.	6.	767.4	26.3	1
2519	10	516	37.8906	89.8645	-925.0		QAL	7.80	1.00	1.49	0.0	0.0	5.253	1623.	48.	7.	767.4	26.3	1
2520	0	516	37.8906	89.8652	-925.2		QAL	4.96	5.18	1.35	1.046	3.844	3.674	1759.	44.	5.	767.4	26.3	1
2521	0	516	37.8905	89.8659	-925.0		QAL	6.29	6.03	1.33	0.958	4.528	4.725	1697.	32.	3.	766.4	26.3	1
2522	0	516	37.8905	89.8666	-924.2		QAL	5.78	3.55	1.42	0.615	2.496	4.059	1747.	31.	2.	766.4	26.3	1
2523	10	504	37.8905	89.8673	-924.7		QAL	7.56	0.49	1.43	0.0	0.0	5.266	1574.	40.	3.	766.4	26.3	1
2524	10	516	37.8905	89.8681	-924.0		QAL	8.30	0.79	1.45	0.0	0.0	5.720	1486.	45.	0.	765.9	26.3	1
2525	0	524	37.8905	89.8688	-923.5		QAL	4.92	1.93	1.17	0.393	1.644	4.185	1434.	44.	3.	765.9	26.3	1
2526	0	520	37.8905	89.8695	-922.2		QAL	7.29	1.73	0.82	0.237	2.109	8.914	1321.	35.	0.	766.9	26.3	1
2527	0	520	37.8905	89.8702	-921.7		QAL	6.25	2.91	0.60	0.466	4.834	10.372	1145.	44.	1.	767.4	26.5	1
2528	0	524	37.8905	89.8709	-920.5		QAL	5.95	1.91	0.73	0.322	2.608	8.109	1057.	30.	3.	768.5	26.5	1
2529	0	484	37.8905	89.8717	-920.5		QAL	3.99	1.91	0.72	0.479	2.638	5.506	1111.	31.	6.	768.5	26.5	1
2530	10	468	37.8905	89.8724	-919.7		QAL	8.13	0.93	0.69	0.0	0.0	11.808	1225.	33.	4.	767.4	26.7	1
2531	0	508	37.8905	89.8731	-921.0		QAL	6.00	2.20	0.85	0.367	2.603	7.091	1190.	39.	7.	766.4	26.7	1
2532	10	528	37.8904	89.8738	-921.5		QAL	6.48	1.65	1.31	0.0	0.0	4.930	1355.	45.	9.	766.4	26.6	1
2533	10	528	37.8904	89.8745	-920.0		QAL	8.89	0.48	1.05	0.0	0.0	8.466	1332.	39.	3.	765.4	26.6	1
2534	10	532	37.8904	89.8752	-920.0		QAL	5.59	1.04	0.92	0.0	0.0	6.048	1200.	35.	3.	765.4	26.6	1
2535	0	532	37.8904	89.8759	-919.5		QAL	8.08	3.51	0.63	0.435	5.599	12.884	1222.	37.	4.	765.4	26.6	1
2536	10	532	37.8904	89.8766	-920.0		QAL	5.75	0.27	0.95	0.0	0.0	6.067	1132.	44.	6.	765.4	26.6	1
2537	0	536	37.8904	89.8773	-919.5		QAL	2.76	1.88	1.10	0.684	1.706	2.495	1190.	38.	4.	766.4	26.6	1
2538	0	540	37.8904	89.8781	-920.0		QAL	5.93	2.24	1.08	0.377	2.068	5.485	1300.	49.	7.	766.9	26.7	1
2539	0	544	37.8904	89.8788	-918.7		QAL	8.36	3.62	1.12	0.434	3.231	7.452	1458.	32.	7.	766.9	26.7	1
2540	10	548	37.8904	89.8795	-919.2		QAL	7.25	0.43	1.43	0.0	0.0	5.064	1386.	30.	5.	766.9	26.7	1
2541	10	556	37.8903	89.8802	-919.2		QAL	8.78	1.04	1.07	0.0	0.0	8.225	1296.	40.	4.	766.9	26.6	1
2542	10	556	37.8903	89.8809	-918.2		QAL	8.21	1.80	1.05	0.0	0.0	7.825	1457.	47.	5.	766.4	26.6	1
2543	10	556	37.8903	89.8817	-919.0		QAL	6.63	0.18	1.27	0.0	0.0	5.205	1373.	35.	7.	766.4	26.6	1
2544	10	552	37.8903	89.8824	-919.2		QAL	5.54	1.30	1.19	0.0	0.0	4.640	1373.	31.	3.	766.4	26.6	1

CP9 1P12

FLIGHT LINE 2 DAY 177 REDUCED DATA TEX-KENT 1979 PADUCAH

*	TAGS		* LOCATION			*	REDUCED DATA											
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
2545	10	548	37.8902	89.8831	-921.0	QAL	7.63	0.03	1.57	0.0	0.0	4.859	1399.	32.	6.	765.4	26.6	1
2546	0	548	37.8902	89.8838	-919.0	QAL	8.42	2.90	1.22	0.345	2.384	6.914	1580.	34.	1.	765.4	26.6	1
2547	0	548	37.8902	89.8846	-918.5	QAL	8.94	3.42	1.08	0.383	3.164	8.262	1600.	43.	0.	764.3	26.6	1
2548	0	552	37.8902	89.8853	-920.5	QAL	8.58	2.15	1.37	0.250	1.566	6.260	1609.	34.	2.	764.3	26.6	1
2549	0	548	37.8902	89.8860	-920.7	QAL	8.91	3.43	1.49	0.385	2.302	5.980	1809.	31.	0.	764.3	26.6	1
2550	10	548	37.8902	89.8866	-920.7	QAL	7.77	1.74	1.83	0.0	0.0	4.254	1710.	48.	3.	764.3	26.6	1
2551	0	544	37.8902	89.8873	-922.7	QAL	10.44	2.35	1.39	0.225	1.690	7.519	1692.	43.	3.	765.4	26.6	1
2552	10	536	37.8902	89.8881	-921.5	QAL	9.51	1.52	1.78	0.0	0.0	5.328	1762.	41.	4.	765.9	26.6	1
2553	0	536	37.8902	89.8888	-921.0	QAL	6.95	3.15	1.26	0.453	2.492	5.500	1695.	40.	8.	764.9	26.6	1
2554	10	532	37.8902	89.8895	-920.7	QAL	7.57	1.63	1.34	0.0	0.0	5.640	1587.	53.	8.	764.9	26.6	1
2555	10	532	37.8902	89.8902	-922.0	QAL	7.91	1.73	1.20	0.0	0.0	6.576	1618.	34.	9.	765.4	26.6	1
2556	10	532	37.8901	89.8910	-921.5	QAL	7.42	0.83	1.31	0.0	0.0	5.685	1492.	47.	11.	765.4	26.6	1
2557	10	540	37.8901	89.8916	-921.5	QAL	7.53	0.15	1.26	0.0	0.0	5.983	1409.	34.	12.	764.9	26.6	1
2558	10	540	37.8901	89.8923	-922.0	QAL	6.63	1.52	0.94	0.0	0.0	7.028	1433.	30.	10.	764.9	26.6	1
2559	10	540	37.8901	89.8931	-922.7	QAL	5.74	0.70	0.79	0.0	0.0	7.247	1323.	38.	11.	765.9	26.6	1
2560	0	540	37.8900	89.8938	-923.0	QAL	4.99	1.98	0.84	0.397	2.347	5.920	1297.	41.	11.	765.9	26.6	1
2561	10	520	37.8900	89.8945	-922.2	QAL	7.58	-0.63	1.00	0.0	0.0	7.562	1248.	42.	14.	765.9	26.8	1
2562	10	484	37.8900	89.8953	-923.2	QAL	5.82	-0.09	1.09	0.0	0.0	5.330	1154.	35.	12.	766.4	26.8	1
2563	0	492	37.8900	89.8960	-923.2	QAL	4.20	1.98	0.75	0.472	2.638	5.590	1180.	39.	9.	766.4	26.8	1
2564	10	532	37.8900	89.8967	-924.2	QAL	7.29	-0.41	0.85	0.0	0.0	8.553	1309.	39.	10.	766.4	26.8	1
2565	10	540	37.8900	89.8973	-925.5	QAL	6.64	-0.42	1.03	0.0	0.0	6.449	1316.	39.	15.	767.4	26.8	1
2566	10	540	37.8900	89.8981	-925.7	QAL	5.68	0.96	1.01	0.0	0.0	5.609	1323.	37.	13.	766.4	26.8	1
2567	10	536	37.8900	89.8988	-926.0	QAL	7.91	-1.52	0.86	0.0	0.0	9.185	1252.	34.	13.	766.4	26.8	1
2568	10	536	37.8900	89.8995	-928.0	QAL	4.55	0.21	1.16	0.0	0.0	3.931	1211.	41.	15.	766.9	26.9	1
2569	10	552	37.8899	89.9002	-926.2	QAL	4.97	0.23	1.06	0.0	0.0	4.696	1157.	37.	11.	766.9	26.8	1
2570	10	560	37.8899	89.9010	-927.0	QAL	4.81	1.59	0.98	0.0	0.0	4.917	1076.	47.	14.	765.9	26.8	1
2571	10	564	37.8899	89.9017	-928.0	QAL	2.71	1.61	1.20	0.0	0.0	2.256	1097.	42.	12.	765.4	26.8	1
2572	10	564	37.8899	89.9024	-930.0	QAL	5.32	1.01	0.81	0.0	0.0	6.585	1106.	33.	10.	765.4	26.8	1
2573	10	564	37.8899	89.9031	-931.2	QAL	6.63	-0.39	1.11	0.0	0.0	5.999	1125.	31.	11.	765.9	26.7	1
2574	10	556	37.8899	89.9038	-933.0	QAL	4.94	0.97	0.84	0.0	0.0	5.861	1074.	31.	10.	765.9	26.7	1
2575	10	556	37.8899	89.9045	-931.5	QAL	3.31	1.26	0.83	0.0	0.0	4.000	1082.	35.	7.	764.9	26.6	1
2576	10	552	37.8899	89.9052	-933.2	QAL	3.59	1.00	0.81	0.0	0.0	4.438	1000.	37.	5.	764.9	26.6	1
2577	0	548	37.8899	89.9060	-935.2	QAL	3.26	2.50	0.73	0.767	3.401	4.432	1062.	40.	5.	765.4	26.6	1
2578	0	548	37.8898	89.9067	-936.2	QAL	4.40	2.88	0.71	0.654	4.066	6.221	1034.	45.	0.	765.4	26.6	1
2579	0	548	37.8898	89.9074	-939.5	QAL	3.97	2.13	0.94	0.536	2.263	4.222	1094.	47.	5.	764.3	26.6	1
2580	0	548	37.8898	89.9081	-941.2	QAL	3.20	3.28	0.74	1.025	4.447	4.340	1069.	33.	1.	763.8	26.6	1
2581	0	552	37.8898	89.9088	-942.0	QAL	4.00	1.61	0.80	0.404	2.020	5.004	1009.	37.	4.	764.9	26.7	1
2582	10	556	37.8898	89.9095	-943.2	QAL	3.43	1.39	0.88	0.0	0.0	3.908	1019.	33.	5.	764.3	26.8	1
2583	10	556	37.8898	89.9102	-945.7	QAL	5.10	1.30	0.67	0.0	0.0	7.569	977.	40.	6.	763.8	26.8	1
2584	10	560	37.8898	89.9110	-945.2	QAL	4.93	0.77	0.82	0.0	0.0	6.047	995.	34.	7.	764.9	26.8	1
2585	10	564	37.8898	89.9117	-946.2	QAL	5.35	-0.98	0.88	0.0	0.0	6.057	1082.	36.	13.	764.9	26.9	1
2586	0	564	37.8897	89.9124	-949.0	QAL	2.28	3.14	0.74	1.377	4.219	3.064	1108.	40.	11.	764.9	26.8	1
2587	10	564	37.8897	89.9131	-950.2	QAL	4.86	1.15	0.79	0.0	0.0	6.138	1155.	42.	12.	766.4	26.8	1
2588	0	564	37.8897	89.9138	-952.5	QAL	4.51	3.78	0.79	0.838	4.800	5.725	1193.	34.	12.	766.4	26.8	1
2589	10	560	37.8897	89.9145	-953.7	QAL	5.67	0.98	0.92	0.0	0.0	6.138	1303.	32.	14.	765.4	26.8	1
2590	10	556	37.8897	89.9152	-955.2	QAL	4.83	1.39	0.89	0.0	0.0	5.413	1299.	33.	12.	765.9	26.8	1
2591	10	556	37.8897	89.9160	-959.0	QAL	5.43	1.31	1.06	0.0	0.0	5.113	1321.	32.	9.	765.9	26.8	1
2592	0	560	37.8897	89.9167	-960.2	QAL	5.83	2.36	1.19	0.405	1.994	4.920	1332.	29.	9.	765.4	26.8	1
2593	0	564	37.8897	89.9174	-960.2	QAL	6.14	1.99	1.37	0.324	1.450	4.472	1444.	51.	9.	765.4	26.8	1
2594	0	564	37.8897	89.9182	-963.0	QAL	6.45	2.24	1.08	0.348	2.067	5.945	1350.	38.	7.	764.3	26.8	1
2595	0	568	37.8896	89.9188	-964.7	QAL	4.41	2.50	1.02	0.568	2.458	4.327	1339.	43.	7.	763.8	26.8	1
2596	0	568	37.8896	89.9195	-965.7	QAL	3.97	2.43	0.81	0.612	3.009	4.918	1291.	37.	10.	763.8	26.8	1
2597	10	564	37.8896	89.9202	-968.0	QAL	5.99	0.26	1.18	0.0	0.0	5.064	1213.	44.	13.	763.8	26.8	1

* ID	TAGS QUAL	ALT	LAT	* LOCATION LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
2598	10	564	37.8896	89.9209	-970.5		QAL	5.82	0.93	0.63	0.0	0.0	9.208	1141.	41.	14.	763.8	26.8	1
2599	10	564	37.8896	89.9217	-971.7		QAL	4.51	1.22	1.30	0.0	0.0	3.463	1292.	40.	11.	763.8	26.8	1
2600	10	564	37.8896	89.9224	-973.2		QAL	6.32	1.09	1.17	0.0	0.0	5.395	1275.	45.	11.	763.8	26.8	1
2601	10	564	37.8896	89.9231	-973.0		QAL	8.30	-0.32	1.24	0.0	0.0	6.672	1433.	26.	11.	763.8	26.8	1
2602	10	560	37.8896	89.9238	-973.5		QAL	6.39	-0.55	1.37	0.0	0.0	4.670	1442.	46.	12.	764.9	26.8	1
2603	0	556	37.8896	89.9245	-976.7		QAL	3.23	2.37	1.18	0.733	2.005	2.734	1397.	49.	11.	765.9	26.8	1
2604	0	552	37.8895	89.9252	-978.2		QAL	4.66	2.31	1.08	0.495	2.144	4.331	1347.	35.	10.	765.9	26.8	1
2605	0	548	37.8895	89.9260	-979.2		QAL	5.86	2.05	1.12	0.350	1.838	5.250	1314.	33.	8.	765.4	26.8	1
2606	0	548	37.8895	89.9267	-979.7		QAL	6.58	2.26	0.99	0.343	2.274	6.628	1250.	46.	8.	764.3	26.8	1
2607	0	548	37.8895	89.9274	-981.0		QAL	3.61	2.16	0.85	0.599	2.533	4.229	1156.	32.	10.	763.8	26.8	1
2608	10	552	37.8895	89.9282	-983.7		QAL	5.36	0.40	1.35	0.0	0.0	3.983	1338.	43.	10.	764.3	26.9	1
2609	0	560	37.8895	89.9288	-984.2		QAL	5.05	1.87	1.13	0.370	1.647	4.452	1331.	39.	9.	763.8	26.9	1
2610	0	564	37.8895	89.9295	-984.0		QAL	4.24	2.29	1.30	0.540	1.761	3.264	1475.	45.	8.	763.8	26.9	1
2611	0	564	37.8895	89.9302	-985.7		QAL	5.15	4.27	1.50	0.829	2.843	3.432	1519.	49.	2.	765.4	26.9	1
2612	10	568	37.8894	89.9309	-986.7		QAL	5.98	1.72	1.51	0.0	0.0	3.958	1532.	53.	3.	765.4	26.9	1
2613	10	572	37.8894	89.9317	-988.0		QAL	7.23	1.31	1.62	0.0	0.0	4.450	1646.	34.	6.	764.3	27.0	1
2614	10	576	37.8894	89.9324	-989.5		QAL	7.38	0.77	1.65	0.0	0.0	4.465	1704.	43.	5.	763.8	26.9	1
2615	10	576	37.8894	89.9331	-990.5		QAL	7.57	1.93	1.65	0.0	0.0	4.585	1757.	39.	8.	763.3	26.9	1
2616	0	576	37.8894	89.9338	-990.2		QAL	8.68	3.43	1.14	0.396	3.002	7.585	1768.	32.	5.	762.3	26.9	1
2617	0	576	37.8894	89.9345	-991.0		QAL	8.12	2.28	1.54	0.280	1.480	5.275	1722.	47.	9.	763.3	27.0	1
2618	10	580	37.8894	89.9352	-989.7		QAL	7.81	1.87	1.73	0.0	0.0	4.529	1721.	41.	9.	764.9	27.1	1
2619	10	584	37.8894	89.9360	-990.2		QAL	6.33	2.00	1.57	0.0	0.0	4.037	1713.	45.	9.	764.3	27.0	1
2620	0	588	37.8894	89.9367	-991.5		QAL	8.27	3.40	1.41	0.410	2.417	5.888	1735.	45.	7.	763.3	27.0	1
2621	0	592	37.8893	89.9374	-992.5		QAL	6.14	3.58	1.36	0.584	2.633	4.510	1742.	46.	10.	762.8	26.9	1
2622	0	592	37.8893	89.9382	-993.7		QAL	7.62	3.09	1.36	0.406	2.277	5.611	1632.	43.	7.	761.8	26.9	1
2623	0	596	37.8893	89.9389	-993.5		QAL	8.45	2.96	1.51	0.351	1.962	5.596	1803.	36.	5.	762.8	26.8	1
2624	0	596	37.8893	89.9396	-994.0		QAL	6.59	2.90	1.83	0.440	1.586	3.606	1810.	34.	9.	763.8	26.8	1
2625	0	592	37.8893	89.9402	-993.5		QAL	6.57	2.05	1.76	0.312	1.160	3.721	1732.	33.	1.	764.3	26.8	1
2626	0	588	37.8893	89.9409	-993.0		QAL	7.65	2.94	1.70	0.384	1.727	4.496	1724.	49.	6.	764.3	26.8	1
2627	0	588	37.8892	89.9417	-993.5		QAL	7.10	5.94	1.37	0.837	4.331	5.177	1857.	37.	9.	764.3	26.8	1
2628	10	584	37.8892	89.9424	-992.5		QAL	9.39	1.42	1.73	0.0	0.0	5.438	1791.	43.	9.	763.3	26.8	1
2629	0	576	37.8892	89.9431	-992.0		QAL	6.04	6.17	1.16	1.022	5.308	5.193	1780.	36.	7.	762.3	26.7	1
2630	0	568	37.8892	89.9438	-992.2		QAL	5.21	3.60	1.23	0.692	2.923	4.225	1629.	39.	9.	762.3	26.8	1
2631	0	564	37.8892	89.9446	-992.0		QAL	6.50	2.57	1.31	0.395	1.962	4.967	1731.	35.	11.	762.8	26.7	1
2632	0	560	37.8892	89.9452	-989.5		QAL	8.30	3.98	1.30	0.480	3.070	6.403	1698.	37.	2.	763.8	26.8	1
2633	0	560	37.8892	89.9460	-989.0		QAL	6.35	3.64	1.52	0.574	2.390	4.164	1678.	33.	3.	765.4	26.8	1
2634	0	560	37.8892	89.9467	-988.0		QAL	6.08	4.69	1.56	0.771	3.007	3.900	1688.	32.	3.	765.4	26.8	1
2635	0	556	37.8891	89.9474	-987.5		QAL	4.70	4.80	1.34	1.021	3.573	3.498	1654.	34.	4.	765.4	26.8	1
2636	0	548	37.8891	89.9481	-986.2		QAL	7.30	2.38	1.23	0.325	1.933	5.944	1442.	36.	3.	765.4	26.8	1
2637	0	548	37.8891	89.9489	-984.2		QAL	5.49	3.02	1.29	0.550	2.347	4.267	1423.	33.	3.	764.3	26.8	1
2638	10	560	37.8891	89.9496	-983.7		QAL	8.84	1.28	1.30	0.0	0.0	6.794	1432.	42.	4.	764.3	27.0	1
2639	10	564	37.8891	89.9503	-981.2		QAL	6.69	1.21	1.67	0.0	0.0	4.018	1616.	47.	6.	763.8	27.1	1
2640	10	572	37.8891	89.9509	-979.2		QAL	7.78	1.68	1.49	0.0	0.0	5.237	1650.	38.	4.	763.3	27.1	1
2641	10	576	37.8891	89.9517	-978.5		QAL	9.95	1.76	1.44	0.0	0.0	6.915	1629.	32.	5.	763.3	27.1	1
2642	10	580	37.8891	89.9524	-977.0		QAL	6.74	0.33	1.58	0.0	0.0	4.276	1642.	50.	13.	763.3	27.1	1
2643	10	580	37.8890	89.9531	-972.7		QAL	10.68	0.52	1.16	0.0	0.0	9.187	1643.	35.	13.	763.3	27.0	1
2644	10	580	37.8890	89.9538	-970.7		QAL	7.54	1.26	1.16	0.0	0.0	6.471	1536.	41.	16.	763.8	27.0	1
2645	10	576	37.8890	89.9546	-970.0		QAL	7.20	-1.39	1.11	0.0	0.0	6.509	1500.	29.	17.	763.8	26.8	1
2646	0	572	37.8890	89.9553	-967.0		QAL	7.43	3.26	0.97	0.438	3.345	7.630	1511.	31.	17.	764.3	26.8	1
2647	10	540	37.8889	89.9560	-964.7		QAL	5.22	0.61	1.23	0.0	0.0	4.229	1313.	42.	15.	764.9	26.8	1
2648	10	520	37.8889	89.9567	-963.7		QAL	7.71	1.51	1.02	0.0	0.0	7.569	1420.	34.	11.	764.9	26.8	1
2649	0	516	37.8889	89.9574	-963.0		QAL	5.70	1.99	1.00	0.350	1.992	5.699	1320.	33.	10.	764.9	26.8	1
2650	0	544	37.8889	89.9582	-958.5		QAL	5.38	2.67	1.25	0.497	2.136	4.303	1438.	47.	7.	764.3	26.8	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2651	10	568	37.8889	89.9588	-955.0	QAL	5.33	-0.00	1.56	0.0	0.0	3.407	1529.	38.	7.	763.8	26.8	1
2652	0	564	37.8889	89.9596	-953.2	QAL	7.78	3.36	1.15	0.432	2.916	6.748	1575.	29.	4.	763.8	26.8	1
2653	10	564	37.8889	89.9603	-951.2	QAL	7.21	0.69	1.38	0.0	0.0	5.212	1521.	38.	3.	763.3	26.8	1
2654	10	564	37.8889	89.9610	-948.7	QAL	7.47	1.14	1.30	0.0	0.0	5.749	1485.	55.	4.	763.3	26.8	1
2655	0	548	37.8889	89.9617	-946.0	QAL	8.47	2.24	1.31	0.264	1.709	6.470	1607.	28.	6.	764.9	26.8	1
2656	0	532	37.8889	89.9624	-942.5	QAL	7.18	3.63	1.31	0.506	2.766	5.469	1480.	38.	0.	765.4	26.9	1
2657	0	496	37.8888	89.9631	-937.5	QAL	6.22	4.22	1.11	0.679	3.812	5.613	1571.	35.	2.	764.3	26.8	1
2658	10	456	37.8888	89.9638	-932.5	QAL	6.32	0.62	1.16	0.0	0.0	5.455	1452.	39.	2.	764.3	26.8	1
2659	0	456	37.8888	89.9646	-929.5	QAL	6.39	3.17	0.74	0.496	4.261	8.589	1425.	33.	0.	764.3	26.8	1
2660	0	468	37.8888	89.9653	-926.7	QAL	5.92	2.11	1.00	0.357	2.112	5.922	1416.	34.	2.	763.8	26.8	1
2661	0	452	37.8888	89.9660	-922.0	QAL	5.47	2.77	1.24	0.506	2.234	4.410	1461.	37.	1.	763.3	26.7	1
2662	0	456	37.8888	89.9667	-918.7	QAL	6.33	2.11	0.83	0.333	2.538	7.620	1501.	39.	3.	763.3	26.7	1
2663	0	448	37.8888	89.9674	-914.2	QAL	8.38	1.87	0.97	0.223	1.923	8.612	1520.	33.	6.	763.3	26.7	1
2664	0	476	37.8887	89.9681	-909.7	QAL	7.66	2.67	1.07	0.348	2.488	7.147	1518.	42.	3.	763.8	26.8	1
2665	0	492	37.8887	89.9689	-905.0	MC	7.54	2.60	1.21	0.345	2.144	6.210	1551.	45.	7.	764.3	26.8	1
2666	10	492	37.8887	89.9696	-901.0	MC	6.03	1.65	1.35	0.0	0.0	4.455	1564.	46.	8.	764.3	26.8	1
2667	10	524	37.8887	89.9703	-896.7	MC	7.57	1.63	1.68	0.0	0.0	4.506	1777.	32.	9.	764.3	26.8	1
2668	10	516	37.8887	89.9711	-892.2	MC	11.05	-0.40	1.57	0.0	0.0	7.044	1701.	40.	14.	763.8	26.8	1
2669	10	504	37.8887	89.9717	-886.7	MC	7.32	0.90	1.41	0.0	0.0	5.203	1810.	50.	14.	762.8	26.8	1
2670	0	496	37.8887	89.9724	-881.7	MM	5.55	2.20	1.41	0.397	1.558	3.929	1799.	36.	13.	762.8	26.8	1
2671	0	476	37.8887	89.9731	-877.2	MM	5.91	2.95	1.18	0.500	2.495	4.992	1744.	39.	12.	763.8	26.8	1
2672	0	460	37.8887	89.9738	-872.2	MM	6.84	3.27	1.33	0.478	2.455	5.139	1790.	32.	12.	764.3	26.8	1
2673	0	440	37.8886	89.9745	-866.7	MM	5.23	1.98	1.19	0.378	1.661	4.395	1683.	29.	13.	764.3	26.7	1
2674	10	444	37.8886	89.9753	-861.0	MM	8.20	-0.53	1.42	0.0	0.0	5.757	1622.	38.	14.	765.4	26.7	1
2675	0	468	37.8886	89.9760	-856.2	MM	7.62	2.63	0.97	0.346	2.728	7.895	1740.	32.	13.	764.3	26.6	1
2676	10	500	37.8886	89.9767	-849.7	MM	8.76	0.59	1.28	0.0	0.0	6.866	1735.	47.	14.	763.8	26.7	1
2677	0	508	37.8886	89.9774	-843.0	MM	8.74	2.37	1.58	0.271	1.498	5.524	1818.	39.	11.	763.8	26.6	1
2678	0	476	37.8886	89.9781	-837.2	MM	8.55	3.11	0.94	0.364	3.312	9.090	1655.	33.	8.	763.8	26.7	1
2679	0	464	37.8886	89.9789	-832.7	MM	6.98	3.41	1.37	0.489	2.493	5.095	1604.	45.	6.	763.8	26.7	1
2680	0	492	37.8886	89.9796	-825.5	MM	7.63	2.52	1.37	0.330	1.831	5.555	1774.	37.	5.	764.3	26.7	1
2681	0	428	37.8886	89.9803	-820.0	MM	4.91	3.66	0.95	0.745	3.862	5.185	1500.	43.	4.	765.4	26.8	1
2682	10	424	37.8885	89.9810	-814.5	MM	7.54	1.17	1.12	0.0	0.0	6.735	1468.	38.	6.	764.3	26.9	1
2683	0	456	37.8885	89.9818	-808.5	MM	8.96	2.22	0.97	0.247	2.276	9.204	1573.	35.	3.	763.8	26.9	1
2684	0	448	37.8885	89.9825	-803.0	MM	7.78	3.07	0.97	0.394	3.155	7.999	1382.	36.	2.	762.8	26.9	1
2685	0	432	37.8885	89.9831	-796.5	MM	5.97	1.90	1.03	0.318	1.839	5.793	1378.	43.	4.	762.8	26.9	1
2686	0	472	37.8885	89.9838	-790.2	MM	6.51	2.65	1.27	0.407	2.087	5.131	1536.	31.	0.	763.8	27.0	1
2687	10	516	37.8885	89.9845	-785.2	MM	8.32	1.56	1.27	0.0	0.0	6.567	1449.	30.	5.	764.3	26.9	1
2688	0	488	37.8885	89.9853	-778.7	MM	4.30	2.57	1.22	0.598	2.104	3.518	1337.	51.	4.	764.3	26.8	1
2689	0	492	37.8885	89.9860	-773.2	MM	6.88	3.01	1.06	0.437	2.840	6.491	1386.	30.	1.	764.9	26.8	1
2690	0	496	37.8884	89.9867	-769.2	MM	5.09	2.17	0.72	0.427	3.017	7.071	1258.	30.	7.	763.8	26.8	1
2691	0	484	37.8884	89.9874	-763.0	MM	4.82	2.20	1.02	0.456	2.148	4.712	1222.	36.	10.	763.3	26.8	1
2692	0	464	37.8884	89.9881	-757.5	MM	3.66	2.53	0.77	0.691	3.270	4.730	1186.	39.	5.	763.8	26.8	1
2693	0	484	37.8884	89.9889	-754.7	MM	3.71	1.49	0.91	0.401	1.627	4.061	1211.	38.	7.	762.8	26.9	1
2694	0	520	37.8884	89.9896	-749.2	MM	5.69	1.95	0.95	0.343	2.051	5.976	1266.	34.	11.	762.8	26.9	1
2695	10	524	37.8884	89.9903	-748.7	MM	4.66	-0.76	1.21	0.0	0.0	3.852	1194.	42.	13.	765.4	26.9	1
2696	10	520	37.8884	89.9910	-746.2	MM	4.12	1.72	0.63	0.0	0.0	6.567	1119.	56.	10.	765.4	26.9	1
2697	10	456	37.8884	89.9917	-742.7	MM	5.91	1.55	0.73	0.0	0.0	8.149	1097.	28.	12.	764.3	26.8	1
2698	10	448	37.8884	89.9925	-741.5	MM	2.43	0.55	0.66	0.0	0.0	3.705	1043.	35.	10.	764.3	26.9	1
2699	10	444	37.8883	89.9932	-741.5	MM	4.88	0.96	0.85	0.0	0.0	5.714	1018.	35.	8.	763.8	26.9	1
2700	10	472	37.8883	89.9938	-741.0	MM	7.21	-0.71	0.76	0.0	0.0	9.548	1088.	49.	8.	762.8	26.8	1
2701	10	504	37.8883	89.9945	-741.5	MM	5.91	0.75	1.20	0.0	0.0	4.935	1261.	37.	7.	762.8	26.9	1
2702	0	484	37.8882	89.9953	-740.7	MM	4.78	2.60	1.03	0.543	2.528	4.659	1230.	38.	3.	763.8	26.9	1
2703	0	440	37.8882	89.9960	-738.7	MM	3.07	1.86	0.75	0.608	2.493	4.101	1216.	38.	5.	765.4	26.8	1

CP9 1P 12

FLIGHT LINE 2 DAY 177 REDUCED DATA TEX-KENT 1979 PADUCAH

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2704	0	428	37.8882	89.9967	-739.7	MM	4.71	2.36	1.04	0.500	2.276	4.548	1226.	43.	0.	765.9	26.9	1
2705	0	388	37.8882	89.9974	-740.0	MM	5.92	2.22	0.99	0.376	2.254	5.998	1263.	43.	2.	764.9	26.9	1
2706	0	344	37.8882	89.9982	-741.5	MM	7.27	1.51	0.75	0.207	1.995	9.641	1271.	38.	2.	764.3	26.9	1
2707	0	332	37.8882	89.9989	-743.7	MM	6.39	3.19	0.96	0.499	3.319	6.656	1457.	39.	2.	763.8	26.9	1

CP6 1P17

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1	10	536	37.8031	89.9996	-1095.7	OJC	6.58	1.78	1.00	0.0	0.0	6.587	1279.	40.	12.	757.1	29.8	1
2	0	524	37.8030	89.9989	-1095.0	OJC	5.69	1.65	0.92	0.290	1.797	6.192	1261.	39.	5.	758.1	29.8	1
3	10	504	37.8030	89.9982	-1094.5	OJC	5.44	0.14	0.86	0.0	0.0	6.350	1146.	37.	8.	757.1	29.8	1
4	0	484	37.8031	89.9974	-1091.5	OJC	4.20	2.95	0.79	0.702	3.740	5.328	1113.	40.	9.	756.6	29.8	1
5	0	476	37.8031	89.9967	-1087.2	OJC	6.18	2.00	0.78	0.324	2.583	7.973	1159.	30.	1.	757.6	29.9	1
6	10	464	37.8031	89.9960	-1083.0	OJC	3.84	0.77	1.04	0.0	0.0	3.688	1094.	45.	8.	758.1	30.0	1
7	10	456	37.8030	89.9952	-1075.5	OJC	4.06	0.45	0.87	0.0	0.0	4.642	1158.	56.	6.	757.1	30.0	1
8	0	468	37.8030	89.9945	-1070.7	OJC	5.91	1.81	0.76	0.307	2.378	7.758	1205.	48.	2.	756.6	30.1	1
9	0	480	37.8030	89.9938	-1064.2	OJC	4.97	3.98	0.89	0.800	4.489	5.609	1247.	32.	0.	757.6	30.0	1
10	0	488	37.8030	89.9931	-1056.7	OJC	6.52	2.40	0.99	0.368	2.428	6.595	1272.	42.	2.	757.6	30.1	1
11	10	492	37.8030	89.9923	-1050.2	OJC	4.01	1.30	0.76	0.0	0.0	5.248	1056.	42.	2.	756.1	30.1	1
12	0	468	37.8030	89.9916	-1043.2	OJC	3.28	1.57	0.82	0.478	1.905	3.985	923.	48.	3.	757.1	30.1	1
13	0	492	37.8030	89.9908	-1035.7	OSE-1	3.53	2.12	0.68	0.601	3.124	5.198	970.	42.	3.	757.6	30.0	1
14	0	508	37.8030	89.9901	-1029.0	OSE-1	2.67	2.62	0.60	0.981	4.358	4.443	951.	42.	0.	756.6	30.0	1
15	10	516	37.8030	89.9894	-1021.2	OSE-1	5.30	1.20	0.49	0.0	0.0	10.827	950.	48.	5.	757.1	30.0	1
16	10	508	37.8030	89.9887	-1014.7	OSE-1	4.58	1.03	0.65	0.0	0.0	7.085	979.	30.	9.	757.6	29.9	1
17	10	476	37.8030	89.9880	-1006.5	OSE-1	2.98	1.03	0.63	0.0	0.0	4.732	902.	51.	9.	756.6	29.9	1
18	10	456	37.8030	89.9872	-997.5	OSE-2	3.15	-0.20	0.89	0.0	0.0	3.533	1006.	52.	15.	757.1	29.9	1
19	10	436	37.8030	89.9865	-988.2	OSE-2	6.17	0.38	0.90	0.0	0.0	6.887	1072.	46.	7.	757.6	29.8	1
20	10	424	37.8030	89.9858	-979.0	OSE-2	4.87	1.26	1.02	0.0	0.0	4.758	1322.	33.	14.	757.6	29.8	1
21	10	428	37.8030	89.9850	-968.5	OSE-2	9.71	1.03	1.25	0.0	0.0	7.769	1532.	46.	10.	759.2	29.8	1
22	10	420	37.8029	89.9843	-958.2	OSE-2	7.04	1.50	1.55	0.0	0.0	4.534	1646.	42.	13.	758.7	29.8	1
23	0	416	37.8029	89.9836	-948.5	OSE-2	7.52	3.10	1.27	0.413	2.452	5.941	1654.	45.	8.	758.1	29.8	1
24	0	412	37.8029	89.9828	-936.2	OSE-2	9.69	2.16	1.64	0.223	1.314	5.896	1706.	40.	8.	758.7	29.9	1
25	0	412	37.8029	89.9821	-925.7	OSE-2	8.77	3.95	0.87	0.450	4.532	10.071	1661.	32.	3.	758.7	29.9	1
26	0	408	37.8030	89.9814	-913.5	OSE-2	6.92	3.84	1.43	0.554	2.688	4.849	1611.	46.	4.	758.7	29.9	1
27	0	412	37.8029	89.9807	-902.2	OSE-2	6.51	1.98	1.15	0.305	1.720	5.646	1559.	53.	6.	759.2	29.9	1
28	0	396	37.8029	89.9799	-890.2	OSE-2	8.02	1.55	1.17	0.193	1.320	6.848	1532.	48.	4.	759.2	29.9	1
29	0	400	37.8029	89.9792	-879.0	OSE-2	6.83	3.19	1.08	0.467	2.962	6.349	1661.	42.	2.	758.7	29.9	1
30	0	396	37.8029	89.9785	-866.7	OSE-2	7.17	2.69	1.05	0.376	2.556	6.800	1577.	41.	3.	758.1	29.9	1
31	0	392	37.8029	89.9777	-855.0	OSE-2	5.12	2.75	1.40	0.537	1.969	3.668	1530.	41.	5.	758.1	29.9	1
32	0	392	37.8029	89.9769	-843.2	OSE-2	4.96	2.15	0.94	0.433	2.285	5.283	1485.	39.	1.	758.7	30.0	1
33	0	396	37.8029	89.9762	-833.5	OSE-2	6.53	2.59	1.08	0.397	2.398	6.042	1385.	43.	3.	758.1	29.9	1
34	0	404	37.8029	89.9755	-822.2	OSE-2	4.11	4.24	0.79	1.033	5.358	5.188	1377.	50.	2.	758.1	30.0	1
35	0	396	37.8029	89.9747	-812.7	OSE-2	5.89	2.39	0.61	0.406	3.936	9.691	1308.	33.	5.	759.2	30.0	1
36	0	380	37.8029	89.9740	-803.2	OSE-2	5.30	2.66	0.84	0.501	3.147	6.285	1159.	38.	7.	758.1	30.0	1
37	10	392	37.8029	89.9733	-793.0	OSE-2	5.35	1.21	1.02	0.0	0.0	5.253	1281.	49.	11.	758.1	30.0	1
38	0	408	37.8029	89.9726	-784.0	OSE-2	6.53	1.49	0.99	0.228	1.508	6.610	1319.	34.	9.	758.7	30.0	1
39	0	388	37.8029	89.9718	-776.7	OSE-2	4.87	1.56	0.64	0.320	2.444	7.627	1067.	42.	10.	757.6	30.0	1
40	0	372	37.8029	89.9712	-766.5	OSE-2	5.69	1.95	0.65	0.343	3.025	8.812	1108.	39.	7.	758.7	30.1	1
41	10	396	37.8029	89.9704	-755.7	OSE-2	6.97	0.06	0.74	0.0	0.0	9.406	1123.	36.	11.	758.7	30.1	1
42	0	416	37.8029	89.9696	-746.2	OSE-2	8.57	1.70	1.08	0.198	1.575	7.944	1450.	37.	10.	758.1	30.1	1
43	10	408	37.8028	89.9689	-738.0	OSE-2	6.51	1.05	1.34	0.0	0.0	4.875	1462.	39.	9.	758.7	30.0	1
44	0	396	37.8029	89.9682	-727.5	OSE-2	6.59	3.16	1.00	0.479	3.143	6.561	1482.	40.	9.	757.6	30.1	1
45	0	388	37.8029	89.9675	-716.7	OSE-2	7.46	2.24	0.98	0.300	2.276	7.576	1481.	37.	4.	758.1	30.0	1
46	0	388	37.8029	89.9667	-706.0	OJD	7.73	1.57	1.13	0.203	1.385	6.827	1433.	40.	3.	758.1	30.0	1
47	0	400	37.8029	89.9660	-694.0	OJD	4.49	2.66	0.91	0.592	2.930	4.953	1156.	55.	0.	757.1	30.0	1
48	10	404	37.8028	89.9653	-682.0	OJD	8.79	0.91	1.14	0.0	0.0	7.687	1285.	33.	0.	758.7	30.0	1
49	10	400	37.8028	89.9646	-667.5	OJD	5.65	1.21	1.04	0.0	0.0	5.428	1294.	42.	2.	758.7	30.0	1
50	0	400	37.8028	89.9638	-654.0	OJD	8.15	2.76	1.10	0.338	2.507	7.412	1375.	44.	0.	757.1	30.1	1
51	0	408	37.8028	89.9631	-641.7	OJD	7.37	3.22	1.12	0.436	2.879	6.599	1448.	51.	0.	758.1	30.0	1
52	0	396	37.8028	89.9624	-628.0	OJD	6.18	3.02	1.29	0.489	2.347	4.802	1526.	43.	2.	758.1	30.0	1
53	0	380	37.8028	89.9616	-613.2	OJD	4.95	2.78	1.23	0.561	2.268	4.039	1571.	32.	3.	757.1	29.9	1

*	TAGS		* LOCATION		*			REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
54	0	380	37.8028	89.9609	-599.2		OJD	5.45	2.37	1.38	0.435	1.719	3.952	1673.	33.	8.	759.2	29.9	1
55	0	388	37.8028	89.9602	-582.2		OJD	4.83	3.46	1.14	0.716	3.022	4.223	1603.	51.	5.	758.1	29.8	1
56	10	396	37.8028	89.9595	-567.2		OJD	8.19	0.66	1.31	0.0	0.0	6.247	1602.	50.	8.	757.1	29.8	1
57	0	384	37.8028	89.9587	-553.0		OJD	5.93	2.37	1.30	0.400	1.820	4.554	1611.	37.	8.	758.7	29.8	1
58	0	392	37.8028	89.9580	-538.7		OJD	5.53	1.82	1.13	0.330	1.612	4.887	1527.	50.	7.	758.1	29.8	1
59	10	380	37.8028	89.9573	-527.0		OJD	7.94	1.37	1.01	0.0	0.0	7.888	1358.	48.	6.	758.1	29.8	1
60	10	380	37.8028	89.9565	-514.5		OJD	7.04	0.87	1.15	0.0	0.0	6.135	1342.	49.	8.	759.2	29.8	1
61	0	380	37.8028	89.9557	-505.0		OJD	8.45	2.36	0.79	0.280	3.007	10.755	1490.	40.	7.	757.6	29.8	1
62	0	392	37.8028	89.9550	-495.2		OJD	7.39	2.12	1.39	0.287	1.517	5.295	1630.	46.	9.	757.6	29.8	1
63	0	376	37.8027	89.9543	-489.7		OJD	7.28	3.27	1.17	0.450	2.799	6.222	1698.	38.	4.	759.2	29.8	1
64	0	364	37.8027	89.9536	-484.7		OJD	5.61	2.66	1.41	0.475	1.884	3.968	1595.	49.	6.	758.1	29.9	1
65	0	352	37.8027	89.9529	-481.7		OJD	5.66	2.57	1.21	0.455	2.127	4.677	1461.	32.	6.	757.1	29.9	1
66	10	384	37.8027	89.9521	-482.0		OJD	7.43	-0.17	1.30	0.0	0.0	5.708	1360.	34.	12.	758.1	29.9	1
67	0	388	37.8028	89.9514	-483.7		OJD	6.53	2.09	1.07	0.320	1.960	6.125	1428.	43.	11.	758.7	30.0	1
68	10	384	37.8027	89.9507	-488.5		OJD	8.35	1.42	1.25	0.0	0.0	6.680	1624.	33.	10.	757.6	30.0	1
69	0	388	37.8027	89.9499	-495.7		OJD	7.03	3.28	1.24	0.466	2.650	5.683	1603.	45.	11.	758.1	29.9	1
70	10	364	37.8027	89.9492	-502.2		OJD	7.50	-0.08	1.36	0.0	0.0	5.514	1506.	44.	12.	759.2	30.0	1
71	0	372	37.8027	89.9484	-509.7		OJD	5.36	3.56	1.27	0.665	2.813	4.230	1530.	28.	10.	758.1	30.0	1
72	0	372	37.8027	89.9477	-518.7		OJD	5.94	2.11	1.46	0.355	1.440	4.054	1562.	49.	7.	757.1	30.0	1
73	0	356	37.8027	89.9470	-530.0		OJD	5.66	3.51	1.26	0.620	2.786	4.495	1595.	35.	7.	758.1	30.0	1
74	0	380	37.8027	89.9463	-540.2		OJD	5.84	2.60	1.78	0.445	1.461	3.285	1725.	42.	7.	759.2	30.0	1
75	0	372	37.8027	89.9455	-550.5		OJD	8.14	1.80	1.23	0.221	1.462	6.619	1693.	43.	5.	758.1	29.9	1
76	0	368	37.8027	89.9448	-564.0		OJD	8.05	3.43	1.30	0.426	2.634	6.178	1666.	36.	3.	758.1	29.9	1
77	0	376	37.8027	89.9441	-578.5		OJD	9.75	3.89	1.14	0.399	3.412	8.543	1762.	44.	1.	758.1	29.9	1
78	0	388	37.8027	89.9434	-593.7		OJD	7.59	2.79	1.53	0.368	1.826	4.967	1741.	45.	0.	758.7	30.1	1
79	0	380	37.8027	89.9426	-609.2		OJD	8.36	2.54	1.37	0.304	1.852	6.097	1750.	40.	3.	758.7	30.1	1
80	0	380	37.8027	89.9418	-628.5		OJD	9.04	3.10	1.76	0.343	1.759	5.134	1795.	30.	2.	757.6	30.2	1
81	0	384	37.8027	89.9412	-646.5		OJD	7.02	1.83	1.49	0.260	1.227	4.712	1695.	35.	0.	757.6	30.2	1
82	0	388	37.8027	89.9404	-667.0		OJD	10.11	2.76	1.19	0.273	2.327	8.514	1775.	52.	2.	758.1	30.2	1
83	10	376	37.8027	89.9397	-688.5		OJD	10.16	1.35	1.60	0.0	0.0	6.353	1678.	40.	4.	758.1	30.1	1
84	0	376	37.8026	89.9390	-710.0		OJD	8.28	2.16	1.63	0.261	1.324	5.075	1686.	38.	10.	758.7	30.1	1
85	10	384	37.8027	89.9383	-732.0		OJD	7.50	0.42	1.68	0.0	0.0	4.470	1846.	53.	11.	758.7	30.0	1
86	10	388	37.8027	89.9375	-755.2		OJD	9.48	1.21	1.25	0.0	0.0	7.569	1830.	46.	12.	757.6	30.0	1
87	0	376	37.8027	89.9368	-778.0		OJD	6.74	1.68	1.28	0.249	1.315	5.274	1705.	55.	12.	757.6	30.0	1
88	0	368	37.8027	89.9361	-801.2		OJD	8.61	2.34	1.41	0.271	1.660	6.122	1712.	37.	9.	757.6	30.0	1
89	0	376	37.8026	89.9353	-825.2		OJD	8.26	3.01	1.14	0.364	2.643	7.255	1718.	47.	7.	758.7	29.9	1
90	0	388	37.8026	89.9346	-848.5		OJD	6.88	3.37	1.42	0.489	2.370	4.843	1722.	39.	4.	758.7	29.9	1
91	10	396	37.8026	89.9339	-871.2		OJD	9.07	0.78	1.55	0.0	0.0	5.836	1847.	36.	11.	758.7	30.0	1
92	0	392	37.8026	89.9331	-893.5		OJD	7.80	2.72	1.67	0.349	1.623	4.657	1910.	48.	6.	758.7	30.1	1
93	0	396	37.8026	89.9324	-914.0		OJD	9.71	2.70	1.40	0.278	1.928	6.937	1824.	43.	5.	757.6	30.2	1
94	0	396	37.8026	89.9317	-933.2		OJD	7.43	1.88	1.34	0.253	1.397	5.532	1719.	34.	10.	756.6	30.3	1
95	0	400	37.8026	89.9309	-951.5		OJD	8.82	2.08	1.60	0.235	1.301	5.528	1905.	35.	10.	757.6	30.3	1
96	10	404	37.8026	89.9302	-966.0		OJD	9.43	1.38	1.39	0.0	0.0	6.781	1786.	36.	7.	758.7	30.3	1
97	0	420	37.8026	89.9295	-980.5		OJD	7.27	2.60	1.38	0.358	1.890	5.287	1830.	41.	13.	758.7	30.3	1
98	0	444	37.8026	89.9287	-995.5		OJD	9.32	1.92	1.47	0.206	1.308	6.357	1831.	34.	14.	757.6	30.2	1
99	0	456	37.8026	89.9280	-1006.2		OJD	9.77	1.91	1.40	0.195	1.359	6.960	1901.	38.	10.	756.6	30.1	1
100	0	448	37.8026	89.9272	-1018.0		OJD	7.88	2.35	1.34	0.299	1.754	5.873	1947.	38.	12.	755.5	30.0	1
101	0	428	37.8026	89.9265	-1029.7		OJD	7.91	2.99	1.38	0.379	2.174	5.743	1835.	41.	10.	757.1	29.9	1
102	0	416	37.8026	89.9258	-1040.7		OJD	7.12	2.25	1.51	0.316	1.497	4.732	1860.	41.	8.	759.2	29.9	1
103	0	412	37.8026	89.9251	-1048.0		OJD	7.20	2.62	1.40	0.364	1.866	5.129	1756.	39.	8.	758.1	29.9	1
104	0	416	37.8026	89.9243	-1055.7		OJD	9.31	2.14	1.50	0.230	1.427	6.213	1755.	35.	7.	757.1	29.9	1
105	0	420	37.8025	89.9236	-1063.2		OJD	10.43	2.46	1.16	0.236	2.130	9.022	1750.	45.	4.	757.6	29.9	1
106	0	412	37.8026	89.9229	-1070.0		OJD	6.41	2.68	1.39	0.418	1.933	4.623	1688.	43.	2.	757.6	29.9	1

*	TAGS		*	LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
107	0	404	37.8026	89.9222	-1075.2		OJD	8.66	3.16	1.35	0.365	2.340	6.412	1759.	32.	2.	756.6	29.9	1
108	0	396	37.8026	89.9214	-1080.2		OJD	8.46	2.95	1.56	0.348	1.894	5.444	1718.	52.	0.	756.1	29.9	1
109	0	404	37.8026	89.9207	-1085.2		OJD	9.66	3.09	1.17	0.320	2.647	8.265	1747.	39.	3.	757.1	29.8	1
110	0	396	37.8025	89.9199	-1090.0		OJD	10.85	3.10	1.40	0.286	2.219	7.761	1868.	48.	0.	758.1	29.9	1
111	0	388	37.8025	89.9192	-1092.2		OJD	6.41	2.90	1.58	0.453	1.839	4.059	1876.	41.	1.	759.2	29.9	1
112	0	392	37.8025	89.9185	-1097.5		OJD	7.75	2.95	1.53	0.381	1.934	5.079	1810.	44.	0.	758.7	29.9	1
113	0	396	37.8025	89.9178	-1099.7		OJD	7.54	3.76	1.44	0.499	2.623	5.254	1857.	46.	1.	758.7	29.9	1
114	10	392	37.8025	89.9171	-1101.0		OJD	9.67	1.27	1.59	0.0	0.0	6.092	1833.	54.	2.	759.2	30.0	1
115	0	384	37.8025	89.9163	-1101.5		OJD	9.77	2.26	1.60	0.232	1.415	6.101	1741.	48.	1.	758.1	29.9	1
116	0	380	37.8025	89.9156	-1101.7		OJD	7.49	3.36	1.18	0.449	2.840	6.331	1688.	41.	3.	757.1	29.9	1
117	0	384	37.8025	89.9149	-1104.0		OJD	9.28	3.40	1.23	0.366	2.767	7.551	1764.	40.	3.	757.1	29.9	1
118	0	396	37.8025	89.9142	-1108.5		OJD	9.47	3.54	1.40	0.374	2.534	6.781	1855.	38.	3.	756.6	29.9	1
119	0	392	37.8025	89.9133	-1111.0		OJD	7.54	3.37	1.68	0.446	2.008	4.499	1854.	46.	4.	756.6	29.9	1
120	0	388	37.8025	89.9126	-1112.0		OJD	9.80	2.00	1.41	0.204	1.412	6.934	1826.	29.	6.	757.6	29.9	1
121	0	388	37.8025	89.9119	-1113.0		OJD	8.52	2.17	1.34	0.255	1.619	6.351	1746.	33.	8.	757.6	29.9	1
122	0	388	37.8025	89.9112	-1114.7		OJD	8.83	3.44	1.25	0.389	2.757	7.085	1738.	42.	4.	757.6	29.9	1
123	10	380	37.8025	89.9104	-1118.0		OJD	9.21	0.38	1.74	0.0	0.0	5.295	1651.	38.	8.	757.6	29.9	1
124	10	392	37.8025	89.9097	-1117.7		OJD	7.48	1.41	1.54	0.0	0.0	4.857	1723.	45.	9.	758.7	29.9	1
125	10	396	37.8024	89.9090	-1118.0		OJD	11.01	0.38	1.56	0.0	0.0	7.071	1741.	33.	7.	758.7	30.0	1
126	0	408	37.8024	89.9083	-1120.2		OJD	6.76	2.85	1.32	0.422	2.161	5.122	1751.	33.	9.	758.7	30.1	1
127	0	416	37.8025	89.9075	-1122.0		OJD	7.73	2.90	1.47	0.375	1.970	5.247	1782.	47.	4.	758.7	30.1	1
128	0	432	37.8025	89.9068	-1121.2		OJD	8.64	2.61	1.41	0.302	1.851	6.122	1785.	31.	5.	758.7	30.2	1
129	10	440	37.8025	89.9060	-1123.7		OJD	6.24	1.26	1.51	0.0	0.0	4.123	1810.	37.	8.	758.7	30.1	1
130	0	444	37.8024	89.9053	-1125.0		OJD	11.85	1.70	1.59	0.144	1.068	7.440	1752.	47.	3.	758.7	30.1	1
131	0	452	37.8024	89.9046	-1125.5		OJD	6.19	3.10	1.43	0.502	2.164	4.314	1720.	46.	2.	758.7	30.0	1
132	0	468	37.8024	89.9039	-1128.0		OJD	7.57	2.46	1.54	0.324	1.598	4.928	1694.	48.	2.	759.7	29.9	1
133	0	444	37.8024	89.9031	-1132.7		OJD	4.23	4.35	1.23	1.028	3.534	3.437	1571.	49.	0.	759.7	29.8	1
134	10	412	37.8024	89.9024	-1134.2		OJD	6.49	0.68	1.27	0.0	0.0	5.124	1405.	43.	0.	759.7	29.8	1
135	0	404	37.8024	89.9017	-1134.0		OJD	7.38	2.65	1.11	0.358	2.383	6.648	1449.	37.	0.	759.7	29.8	1
136	0	400	37.8024	89.9010	-1135.0		OJD	8.27	2.11	1.07	0.255	1.972	7.724	1308.	48.	0.	759.7	29.8	1
137	0	396	37.8024	89.9002	-1136.5		OJD	5.16	1.75	1.18	0.339	1.489	4.388	1297.	28.	0.	759.7	29.7	1
138	0	408	37.8024	89.8995	-1136.5		OJD	5.70	1.45	1.04	0.255	1.396	5.479	1239.	43.	0.	759.7	29.8	1
139	0	424	37.8024	89.8987	-1138.0		OJD	4.63	2.01	0.91	0.435	2.217	5.102	1164.	51.	0.	759.7	29.7	1
140	0	472	37.8024	89.8980	-1139.2		OJD	4.34	3.00	1.21	0.691	2.479	3.589	1313.	35.	3.	759.7	29.7	1
141	0	480	37.8024	89.8973	-1139.2		OJD	6.32	2.64	1.30	0.418	2.032	4.863	1426.	50.	0.	759.7	29.7	1
142	0	452	37.8024	89.8966	-1138.2		OJD	5.84	1.90	1.00	0.326	1.902	5.835	1462.	46.	2.	759.7	29.8	1
143	0	460	37.8024	89.8958	-1140.5		OJD	9.28	1.33	1.05	0.197	1.733	8.803	1504.	35.	0.	759.7	29.8	1
144	0	452	37.8024	89.8951	-1141.0		OJD	8.09	1.52	1.38	0.188	1.102	5.849	1578.	35.	0.	759.7	29.8	1
145	0	436	37.8024	89.8944	-1139.5		OJD	6.54	3.87	1.45	0.592	2.667	4.508	1645.	44.	0.	759.7	29.8	1
146	0	432	37.8023	89.8937	-1140.7		OJD	6.85	3.84	1.22	0.561	3.138	5.591	1727.	41.	0.	759.7	29.8	1
147	0	436	37.8023	89.8930	-1141.2		OJD	6.69	2.12	1.18	0.317	1.804	5.694	1735.	49.	6.	758.7	29.9	1
148	10	444	37.8023	89.8922	-1141.0		OJD	10.03	0.86	1.47	0.0	0.0	6.828	1786.	45.	4.	758.7	29.9	1
149	0	436	37.8024	89.8914	-1140.7		OJD	9.14	2.20	1.50	0.241	1.466	6.080	1834.	38.	6.	758.7	29.9	1
150	0	432	37.8024	89.8907	-1140.5		OJD	7.74	3.57	1.53	0.462	2.338	5.063	1851.	40.	7.	758.7	29.9	1
151	0	428	37.8023	89.8899	-1141.0		OJD	6.56	4.10	1.43	0.624	2.867	4.593	1819.	42.	5.	758.7	29.9	1
152	0	416	37.8023	89.8892	-1139.7		OJD	7.32	3.22	1.60	0.440	2.018	4.585	1789.	36.	5.	758.7	30.0	1
153	0	408	37.8023	89.8885	-1138.7		OJD	8.14	1.73	1.59	0.212	1.088	5.133	1726.	45.	6.	758.7	29.9	1
154	10	416	37.8023	89.8878	-1139.2		OJD	8.05	1.13	1.68	0.0	0.0	4.797	1714.	29.	4.	758.7	29.9	1
155	0	428	37.8023	89.8871	-1140.5		OJD	4.56	4.80	0.89	1.053	5.360	5.093	1662.	39.	3.	757.6	29.9	1
156	0	420	37.8023	89.8864	-1139.2		OJD	9.11	2.01	1.28	0.221	1.575	7.131	1622.	39.	3.	757.6	30.0	1
157	0	408	37.8023	89.8856	-1136.2		OJD	5.69	1.81	1.43	0.317	1.263	3.979	1678.	38.	8.	757.6	30.0	1
158	0	400	37.8023	89.8848	-1135.2		OJD	8.27	2.03	1.29	0.246	1.583	6.434	1733.	21.	1.	757.1	30.0	1
159	0	400	37.8023	89.8841	-1135.5		OJD	6.04	2.23	1.46	0.370	1.531	4.139	1657.	41.	5.	757.1	30.0	1

CP9 1P 12
CP9 1P 12

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
160	0	396	37.8023	89.8834	-1133.2	OJD	7.48	4.39	1.34	0.588	3.291	5.601	1695.	50.	2.	757.6	30.0	1
161	0	396	37.8022	89.8826	-1132.5	OJD	6.24	2.64	1.51	0.423	1.750	4.139	1715.	43.	3.	757.6	29.9	1
162	0	408	37.8022	89.8819	-1133.5	OJD	7.41	2.43	1.41	0.329	1.727	5.255	1700.	42.	1.	757.6	29.9	1
163	0	412	37.8022	89.8812	-1132.5	OJD	8.53	1.97	1.57	0.231	1.260	5.449	1739.	48.	2.	757.6	29.8	1
164	0	416	37.8022	89.8805	-1131.0	OJD	7.12	4.08	1.39	0.573	2.939	5.132	1757.	37.	0.	756.6	29.9	1
165	0	416	37.8023	89.8797	-1130.0	OJD	7.72	2.91	1.70	0.377	1.711	4.532	1765.	39.	2.	757.6	29.9	1
166	0	416	37.8022	89.8790	-1130.7	OJD	7.05	2.89	1.64	0.410	1.769	4.312	1767.	50.	0.	758.7	29.9	1
167	0	424	37.8022	89.8783	-1129.2	OJD	9.00	2.78	1.57	0.309	1.768	5.726	1813.	46.	2.	758.7	29.8	1
168	0	424	37.8022	89.8775	-1128.0	OJD	7.77	2.75	1.36	0.354	2.017	5.698	1765.	64.	0.	758.7	29.8	1
169	0	420	37.8022	89.8768	-1127.0	OJD	7.65	2.86	1.54	0.374	1.861	4.980	1779.	33.	3.	758.7	29.8	1
170	0	420	37.8022	89.8761	-1127.0	OJD	8.46	4.03	1.43	0.476	2.811	5.902	1851.	32.	0.	759.7	29.9	1
171	0	416	37.8022	89.8754	-1126.0	ODP	8.36	2.01	1.65	0.240	1.220	5.079	1828.	50.	2.	759.7	29.8	1
172	0	396	37.8022	89.8746	-1124.2	ODP	7.67	4.18	1.42	0.546	2.951	5.409	1706.	41.	1.	759.7	29.9	1
173	0	396	37.8022	89.8739	-1124.2	ODP	8.29	3.51	1.50	0.423	2.341	5.530	1751.	40.	2.	758.7	29.9	1
174	0	400	37.8022	89.8732	-1124.2	ODP	10.82	2.41	1.64	0.223	1.468	6.584	1766.	42.	2.	757.6	29.9	1
175	0	416	37.8022	89.8725	-1123.5	ODP	7.70	3.77	1.20	0.489	3.144	6.424	1710.	49.	4.	757.6	29.9	1
176	0	424	37.8022	89.8717	-1121.7	OJD	8.01	2.18	1.57	0.272	1.390	5.101	1720.	41.	4.	757.6	30.0	1
177	0	380	37.8022	89.8710	-1121.0	OJD	7.27	1.79	1.40	0.246	1.281	5.212	1580.	41.	3.	757.6	30.0	1
178	0	416	37.8022	89.8702	-1119.5	OJD	8.07	4.24	1.21	0.525	3.499	6.662	1675.	53.	3.	758.1	30.0	1
179	0	436	37.8022	89.8695	-1119.5	OJD	9.16	2.53	1.38	0.276	1.835	6.636	1765.	35.	3.	759.2	30.0	1
180	0	444	37.8022	89.8687	-1118.5	OJD	6.06	3.03	1.40	0.500	2.162	4.327	1703.	34.	1.	759.2	30.0	1
181	0	400	37.8022	89.8680	-1116.5	OJD	5.82	3.39	1.06	0.583	3.209	5.501	1564.	28.	0.	759.2	30.0	1
182	0	388	37.8021	89.8673	-1116.5	OJD	6.32	2.12	1.07	0.335	1.982	5.910	1541.	36.	1.	758.7	30.0	1
183	0	412	37.8022	89.8666	-1115.2	OJD	5.94	2.53	1.24	0.426	2.043	4.801	1645.	42.	0.	757.6	30.0	1
184	0	408	37.8022	89.8659	-1113.2	OJD	9.39	1.95	1.58	0.208	1.233	5.928	1747.	36.	0.	756.6	30.0	1
185	0	392	37.8022	89.8652	-1113.0	ODP	8.38	2.62	1.48	0.313	1.770	5.649	1748.	41.	0.	756.6	29.9	1
186	0	396	37.8022	89.8644	-1112.0	ODP	7.37	3.72	1.43	0.505	2.608	5.168	1676.	42.	5.	757.6	29.9	1
187	10	432	37.8021	89.8637	-1112.2	ODP	8.09	1.41	1.45	0.0	0.0	5.589	1662.	34.	6.	758.7	29.9	1
188	0	468	37.8021	89.8629	-1111.2	ODP	5.67	1.84	1.20	0.324	1.533	4.726	1592.	38.	8.	758.7	29.8	1
189	0	488	37.8021	89.8622	-1109.5	ODP	9.03	2.52	1.09	0.279	2.312	8.276	1557.	41.	6.	758.7	29.8	1
190	10	520	37.8021	89.8614	-1109.7	ODP	8.12	0.55	1.29	0.0	0.0	6.313	1538.	37.	10.	758.1	29.8	1
191	10	556	37.8021	89.8607	-1108.7	ODP	5.46	-0.13	1.37	0.0	0.0	3.981	1589.	49.	12.	757.1	29.7	1
192	0	520	37.8021	89.8600	-1106.5	ODP	6.74	3.32	0.97	0.492	3.435	6.980	1424.	33.	3.	757.1	29.8	1
193	0	484	37.8021	89.8593	-1107.0	ODP	5.55	3.60	1.08	0.648	3.330	5.135	1429.	46.	0.	758.1	29.7	1
194	0	448	37.8021	89.8585	-1105.2	OJD	6.05	1.71	1.30	0.283	1.318	4.656	1509.	45.	2.	758.7	29.7	1
195	0	420	37.8021	89.8578	-1104.0	OJD	7.56	1.69	1.22	0.224	1.389	6.216	1489.	39.	0.	758.7	29.7	1
196	0	404	37.8021	89.8571	-1103.5	OJD	5.83	1.72	1.35	0.295	1.271	4.305	1518.	46.	0.	758.1	29.7	1
197	0	408	37.8020	89.8564	-1102.7	OJD	7.06	1.97	1.45	0.279	1.363	4.879	1597.	36.	2.	757.1	29.7	1
198	0	412	37.8020	89.8556	-1102.0	OJD	6.27	3.52	1.17	0.561	3.012	5.367	1639.	47.	0.	757.1	29.8	1
199	10	412	37.8020	89.8549	-1102.7	OJD	6.48	1.21	1.53	0.0	0.0	4.228	1559.	44.	1.	758.1	29.8	1
200	0	404	37.8021	89.8542	-1100.7	OJD	6.98	2.05	1.03	0.293	1.984	6.770	1502.	37.	2.	758.7	29.8	1
201	0	400	37.8021	89.8534	-1099.0	OJD	7.00	3.22	1.31	0.460	2.455	5.332	1598.	30.	0.	758.7	29.7	1
202	0	368	37.8020	89.8527	-1098.7	OJD	6.86	1.65	1.27	0.240	1.298	5.410	1631.	40.	0.	758.7	29.8	1
203	0	388	37.8020	89.8520	-1096.5	ODP	5.05	3.84	1.32	0.759	2.896	3.816	1542.	47.	0.	757.6	29.8	1
204	0	380	37.8020	89.8513	-1095.0	ODP	9.13	1.62	1.73	0.177	0.935	5.270	1771.	33.	2.	758.7	29.8	1
205	0	376	37.8020	89.8505	-1095.2	ODP	10.34	2.95	1.72	0.286	1.713	5.994	1767.	43.	2.	758.7	29.7	1
206	0	364	37.8020	89.8498	-1093.7	ODP	7.67	2.79	1.51	0.364	1.855	5.092	1773.	50.	2.	757.6	29.8	1
207	0	352	37.8020	89.8491	-1091.0	ODP	7.32	1.93	1.58	0.264	1.220	4.630	1650.	52.	1.	757.6	29.8	1
208	0	352	37.8020	89.8483	-1088.5	ODP	7.22	2.47	1.14	0.342	2.173	6.359	1680.	37.	4.	758.1	29.9	1
209	0	352	37.8020	89.8475	-1082.2	ODP	8.03	2.59	1.45	0.323	1.783	5.519	1747.	36.	3.	758.1	30.0	1
210	0	352	37.8020	89.8468	-1080.2	ODP	6.76	3.55	1.15	0.524	3.091	5.893	1723.	33.	0.	758.1	30.1	1
211	0	360	37.8020	89.8461	-1084.7	ODP	8.67	2.03	1.49	0.234	1.359	5.807	1755.	46.	1.	757.6	30.0	1
212	0	376	37.8020	89.8454	-1086.7	ODP	10.38	2.44	1.55	0.236	1.575	6.685	1834.	41.	5.	756.6	30.1	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
213	0	392	37.8020	89.8447	-1085.2	ODP	7.14	2.30	1.59	0.322	1.449	4.495	1787.	36.	6.	757.6	30.1	1
214	0	376	37.8020	89.8439	-1084.7	ODP	9.56	2.13	1.17	0.222	1.825	8.204	1686.	42.	4.	758.7	30.1	1
215	10	412	37.8020	89.8432	-1083.7	ODP	7.17	1.50	1.64	0.0	0.0	4.385	1784.	45.	12.	756.6	30.0	1
216	10	420	37.8020	89.8425	-1081.7	ODP	7.68	1.05	1.41	0.0	0.0	5.431	1672.	44.	11.	755.5	29.9	1
217	10	384	37.8020	89.8418	-1079.5	ODP	9.21	1.40	1.18	0.0	0.0	7.790	1645.	40.	7.	757.6	29.8	1
218	10	384	37.8020	89.8410	-1076.7	ODP	7.29	1.21	1.03	0.0	0.0	7.075	1520.	51.	10.	758.7	29.8	1
219	10	416	37.8020	89.8403	-1073.5	ODP	5.47	1.43	1.51	0.0	0.0	3.613	1631.	40.	13.	756.6	29.8	1
220	0	416	37.8020	89.8396	-1073.7	ODP	6.16	2.50	1.37	0.407	1.828	4.493	1647.	41.	9.	756.6	29.8	1
221	0	424	37.8020	89.8389	-1076.0	ODP	6.18	1.99	1.53	0.322	1.299	4.033	1726.	35.	8.	758.7	29.9	1
222	10	432	37.8020	89.8382	-1075.7	ODP	5.23	1.32	1.32	0.0	0.0	3.965	1642.	31.	7.	756.6	29.9	1
223	0	452	37.8020	89.8374	-1075.5	ODP	10.07	2.46	1.28	0.244	1.924	7.890	1750.	49.	3.	756.1	29.9	1
224	0	444	37.8020	89.8367	-1074.0	ODP	6.14	2.65	1.28	0.431	2.067	4.790	1609.	54.	1.	758.1	30.0	1
225	0	432	37.8020	89.8360	-1071.2	ODP	6.63	3.53	1.16	0.532	3.048	5.724	1681.	39.	5.	757.1	30.1	1
226	0	424	37.8020	89.8353	-1070.2	ODP	7.74	2.26	1.43	0.291	1.580	5.421	1651.	47.	5.	757.1	30.1	1
227	0	420	37.8020	89.8345	-1065.7	ODP	8.59	3.62	1.57	0.421	2.311	5.487	1814.	41.	4.	758.7	30.0	1
228	0	412	37.8020	89.8338	-1060.7	ODP	6.94	4.26	1.25	0.614	3.403	5.543	1685.	36.	4.	756.6	30.0	1
229	0	408	37.8020	89.8331	-1062.2	ODP	7.06	2.27	1.24	0.322	1.828	5.674	1558.	54.	8.	756.6	30.0	1
230	0	416	37.8020	89.8324	-1065.0	ODP	7.69	1.83	1.58	0.238	1.163	4.877	1648.	45.	5.	758.7	29.9	1
231	0	436	37.8020	89.8317	-1065.5	ODP	7.38	1.94	1.37	0.263	1.418	5.399	1662.	36.	6.	756.6	29.9	1
232	0	448	37.8020	89.8309	-1064.2	ODP	5.93	3.38	1.09	0.570	3.113	5.460	1595.	33.	5.	756.6	29.9	1
233	0	424	37.8020	89.8302	-1063.0	ODP	5.66	2.93	1.24	0.517	2.368	4.580	1495.	38.	1.	758.7	29.8	1
234	10	420	37.8020	89.8295	-1061.2	ODP	7.16	0.95	1.41	0.0	0.0	5.077	1456.	39.	0.	756.6	29.9	1
235	10	440	37.8020	89.8288	-1060.7	ODP	7.28	0.94	1.36	0.0	0.0	5.352	1387.	57.	0.	757.6	29.9	1
236	0	460	37.8020	89.8280	-1058.5	ODP	6.22	3.50	1.15	0.563	3.038	5.395	1492.	34.	0.	758.7	29.9	1
237	0	448	37.8020	89.8273	-1057.5	ODP	6.99	1.88	1.30	0.269	1.445	5.370	1441.	41.	1.	756.6	29.8	1
238	0	456	37.8020	89.8266	-1055.2	ODP	5.73	4.00	1.19	0.697	3.343	4.799	1619.	38.	4.	757.6	29.8	1
239	10	468	37.8020	89.8259	-1053.2	OJD	7.36	1.16	1.49	0.0	0.0	4.945	1737.	39.	10.	758.7	29.8	1
240	0	464	37.8020	89.8251	-1052.7	OJD	7.47	3.39	1.09	0.454	3.098	6.827	1572.	42.	8.	756.6	29.8	1
241	10	448	37.8020	89.8244	-1051.7	OJD	7.53	-0.15	1.24	0.0	0.0	6.057	1514.	47.	13.	757.6	29.8	1
242	10	464	37.8020	89.8237	-1050.7	OJD	7.70	0.96	1.60	0.0	0.0	4.810	1670.	37.	11.	758.1	29.8	1
243	0	472	37.8020	89.8230	-1049.0	OJD	4.28	2.57	1.43	0.600	1.796	2.991	1630.	37.	12.	757.1	29.7	1
244	0	452	37.8020	89.8223	-1046.5	OJD	8.80	2.18	1.12	0.248	1.949	7.856	1663.	29.	8.	758.7	29.7	1
245	0	452	37.8020	89.8215	-1045.7	OJD	7.02	2.16	1.35	0.308	1.599	5.191	1724.	28.	8.	758.7	29.8	1
246	0	432	37.8020	89.8208	-1045.2	OJD	7.59	2.27	1.45	0.299	1.560	5.225	1623.	31.	4.	757.1	29.7	1
247	0	432	37.8020	89.8201	-1044.5	OJD	9.25	3.16	1.33	0.341	2.380	6.974	1564.	33.	2.	758.1	29.7	1
248	0	436	37.8020	89.8194	-1042.5	OJD	4.78	2.01	1.10	0.421	1.822	4.329	1503.	45.	4.	757.6	29.8	1
249	0	456	37.8020	89.8186	-1042.0	OJD	5.19	2.84	1.20	0.548	2.366	4.317	1467.	43.	0.	756.6	29.8	1
250	10	436	37.8020	89.8179	-1040.7	OJD	8.04	1.57	1.33	0.0	0.0	6.027	1530.	58.	7.	757.1	29.9	1
251	0	460	37.8020	89.8172	-1038.7	OJD	7.31	2.11	1.47	0.288	1.432	4.964	1663.	32.	7.	757.6	29.9	1
252	0	468	37.8020	89.8165	-1036.2	OJD	5.24	3.99	1.43	0.761	2.786	3.659	1701.	38.	9.	758.1	29.9	1
253	0	480	37.8020	89.8157	-1036.7	OJD	6.66	2.07	1.45	0.310	1.425	4.592	1636.	34.	7.	757.1	29.8	1
254	10	448	37.8020	89.8149	-1035.2	OJD	6.63	0.59	1.49	0.0	0.0	4.454	1503.	39.	9.	756.6	29.8	1
255	10	468	37.8020	89.8142	-1032.5	OJD	6.46	0.76	1.29	0.0	0.0	5.014	1474.	30.	10.	758.1	29.8	1
256	10	460	37.8020	89.8135	-1031.2	OJD	6.85	0.06	1.42	0.0	0.0	4.836	1515.	35.	10.	757.6	29.8	1
257	0	476	37.8020	89.8127	-1029.7	OJD	5.48	3.58	1.32	0.653	2.703	4.137	1561.	29.	7.	757.6	29.8	1
258	10	476	37.8020	89.8120	-1027.0	OJD	6.94	1.47	1.51	0.0	0.0	4.603	1530.	41.	6.	757.6	29.8	1
259	0	472	37.8020	89.8113	-1024.5	OJD	5.90	2.93	0.96	0.497	3.071	6.172	1513.	45.	4.	757.6	29.7	1
260	0	488	37.8020	89.8105	-1023.0	OJD	7.64	2.13	1.21	0.278	1.756	6.314	1635.	39.	7.	757.6	29.7	1
261	10	488	37.8020	89.8099	-1021.7	OJD	9.16	0.36	1.29	0.0	0.0	7.090	1471.	41.	5.	757.1	29.7	1
262	10	528	37.8020	89.8091	-1019.0	OJD	5.37	1.65	1.49	0.0	0.0	3.590	1625.	51.	7.	757.1	29.7	1
263	0	516	37.8020	89.8084	-1016.7	OJD	8.39	1.95	1.56	0.233	1.251	5.376	1708.	46.	7.	758.1	29.7	1
264	0	508	37.8020	89.8077	-1016.0	OJD	6.67	2.63	1.35	0.394	1.950	4.947	1570.	40.	5.	757.6	29.7	1
265	0	492	37.8020	89.8070	-1014.0	OJD	5.89	2.79	0.84	0.474	3.316	6.996	1466.	52.	6.	757.1	29.6	1

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
266	0	504	37.8020	89.8062	-1010.5	OJD	3.55	3.68	1.09	1.035	3.359	3.246	1627.	47.	8.	758.1	29.6	1
267	10	508	37.8020	89.8055	-1008.7	OJD	7.74	0.38	1.51	0.0	0.0	5.122	1595.	29.	7.	758.1	29.6	1
268	0	532	37.8020	89.8048	-1005.5	OJD	6.57	3.79	1.38	0.576	2.737	4.750	1591.	24.	6.	757.1	29.7	1
269	0	480	37.8020	89.8040	-1003.5	OJD	6.42	2.65	1.30	0.414	2.048	4.950	1549.	45.	6.	757.6	29.6	1
270	10	480	37.8020	89.8034	-1000.7	OJD	6.80	1.32	1.39	0.0	0.0	4.879	1566.	55.	6.	758.1	29.6	1
271	0	476	37.8020	89.8026	-998.0	OJD	6.99	1.88	1.17	0.269	1.605	5.964	1572.	49.	9.	757.6	29.6	1
272	10	480	37.8020	89.8019	-996.5	OJD	6.91	1.32	1.22	0.0	0.0	5.641	1612.	43.	8.	757.6	29.7	1
273	10	492	37.8020	89.8012	-993.5	OJD	9.40	0.07	1.54	0.0	0.0	6.112	1763.	36.	12.	757.6	29.8	1
274	0	496	37.8020	89.8005	-989.2	OSE-2	9.21	2.49	1.14	0.270	2.189	8.107	1716.	39.	10.	757.1	29.8	1
275	0	496	37.8020	89.7997	-986.5	OSE-2	8.01	2.83	1.31	0.353	2.164	6.129	1704.	42.	9.	757.1	29.8	1
276	10	496	37.8020	89.7990	-983.5	OSE-2	8.04	1.30	1.38	0.0	0.0	5.810	1658.	39.	12.	757.6	29.8	1
277	0	500	37.8020	89.7983	-981.7	OSE-2	5.42	2.29	1.37	0.422	1.667	3.950	1682.	48.	12.	757.1	29.8	1
278	0	504	37.8020	89.7975	-978.0	OSE-2	8.91	2.40	0.92	0.269	2.619	9.732	1642.	35.	11.	757.6	29.8	1
279	0	496	37.8020	89.7968	-975.2	OSE-2	6.82	2.02	1.56	0.296	1.297	4.376	1624.	38.	7.	757.6	29.7	1
280	0	476	37.8020	89.7961	-973.7	OSE-2	7.25	2.64	1.38	0.364	1.907	5.238	1666.	40.	8.	757.6	29.8	1
281	0	468	37.8020	89.7954	-971.0	OSE-2	7.19	1.70	1.34	0.237	1.269	5.359	1575.	41.	8.	757.6	29.7	1
282	0	468	37.8020	89.7947	-966.5	OJD	6.72	2.61	1.34	0.389	1.953	5.025	1532.	38.	5.	757.6	29.7	1
283	0	464	37.8020	89.7940	-964.0	OJD	7.34	2.67	1.23	0.364	2.177	5.978	1592.	49.	2.	756.6	29.6	1
284	0	412	37.8020	89.7932	-960.2	OJD	6.60	2.54	1.35	0.385	1.882	4.883	1497.	52.	2.	757.6	29.7	1
285	0	408	37.8020	89.7925	-956.7	OJD	7.11	1.54	1.30	0.217	1.187	5.469	1431.	44.	2.	757.6	29.6	1
286	0	420	37.8020	89.7918	-954.2	OJD	7.81	2.01	1.27	0.257	1.579	6.147	1416.	39.	1.	757.6	29.6	1
287	0	424	37.8020	89.7910	-951.2	OJD	5.34	2.97	1.08	0.557	2.754	4.947	1385.	34.	0.	757.6	29.6	1
288	0	404	37.8020	89.7903	-947.2	OJD	5.72	2.51	1.01	0.439	2.489	5.666	1348.	43.	1.	757.6	29.6	1
289	0	392	37.8020	89.7896	-943.0	OJD	5.39	2.63	1.20	0.489	2.198	4.498	1342.	32.	0.	757.6	29.6	1
290	0	388	37.8020	89.7889	-938.2	OJD	5.37	2.25	0.85	0.418	2.655	6.345	1203.	48.	0.	757.6	29.6	1
291	0	380	37.8020	89.7882	-935.2	OJD	4.81	2.58	1.02	0.537	2.529	4.711	1197.	33.	0.	757.6	29.6	1
292	0	380	37.8020	89.7875	-931.7	OJD	4.96	3.33	0.91	0.671	3.672	5.475	1232.	34.	2.	757.1	29.6	1
293	0	388	37.8020	89.7867	-929.2	OJD	3.75	2.85	0.75	0.760	3.782	4.975	1199.	41.	4.	757.6	29.5	1
294	0	432	37.8020	89.7860	-925.5	OJD	6.06	1.56	1.04	0.257	1.503	5.838	1244.	46.	6.	758.1	29.6	1
295	0	464	37.8020	89.7853	-920.2	OJD	6.31	1.81	1.02	0.288	1.780	6.191	1437.	24.	7.	757.6	29.6	1
296	0	464	37.8020	89.7845	-916.2	OJD	4.84	2.57	0.99	0.530	2.582	4.876	1292.	46.	5.	757.6	29.7	1
297	10	476	37.8020	89.7838	-912.0	OJD	4.54	0.79	0.85	0.0	0.0	5.341	1240.	47.	9.	758.7	29.6	1
298	0	496	37.8020	89.7831	-907.5	OJD	3.97	1.84	1.16	0.465	1.590	3.423	1321.	35.	7.	757.6	29.7	1
299	0	544	37.8020	89.7824	-903.2	OJD	5.37	2.44	1.05	0.454	2.331	5.136	1354.	41.	5.	757.1	29.7	1
300	0	616	37.8020	89.7816	-900.0	OJD	7.09	2.30	1.24	0.324	1.857	5.729	1605.	35.	5.	757.6	29.7	1
301	0	616	37.8020	89.7808	-895.7	OJD	5.84	3.55	1.18	0.608	2.998	4.933	1405.	48.	5.	757.6	29.7	1
302	10	580	37.8020	89.7801	-891.5	QAL	7.02	1.48	1.20	0.0	0.0	5.825	1374.	39.	5.	757.6	29.7	1
303	0	520	37.8020	89.7794	-885.5	QAL	5.96	3.33	0.72	0.558	4.620	8.278	1341.	32.	0.	757.1	29.7	1
304	10	496	37.8020	89.7787	-883.0	QAL	6.30	1.04	0.82	0.0	0.0	7.667	1161.	42.	2.	757.1	29.7	1
305	0	528	37.8020	89.7779	-879.7	QAL	6.21	2.68	0.94	0.432	2.857	6.610	1349.	48.	6.	758.1	29.7	1
306	0	488	37.8020	89.7772	-875.0	QAL	4.20	4.03	0.67	0.960	5.982	6.233	1272.	36.	2.	757.1	29.7	1
307	0	456	37.8020	89.7765	-870.7	QAL	3.52	2.89	0.93	0.820	3.099	3.780	1298.	31.	4.	757.1	29.7	1
308	10	424	37.8020	89.7757	-867.0	QAL	3.95	0.84	1.05	0.0	0.0	3.765	1223.	41.	7.	757.6	29.7	1
309	0	396	37.8020	89.7751	-861.5	QAL	5.51	3.12	0.63	0.566	4.944	8.729	1160.	47.	2.	757.1	29.6	1
310	10	392	37.8020	89.7743	-857.2	QAL	3.46	1.09	0.97	0.0	0.0	3.577	1116.	38.	7.	757.6	29.6	1
311	0	388	37.8020	89.7736	-852.7	QAL	5.23	2.21	0.46	0.423	4.823	11.410	1056.	41.	3.	757.1	29.6	1
312	0	428	37.8020	89.7729	-849.5	QAL	3.13	2.77	0.86	0.884	3.233	3.658	1110.	33.	4.	758.1	29.6	1
313	0	472	37.8020	89.7722	-846.2	QAL	4.74	2.64	0.60	0.558	4.427	7.933	1114.	34.	6.	758.7	29.6	1
314	10	512	37.8020	89.7714	-843.0	QAL	5.46	1.27	1.04	0.0	0.0	5.261	1174.	34.	7.	757.6	29.6	1
315	0	544	37.8020	89.7707	-839.2	QAL	8.38	3.33	0.90	0.398	3.720	9.357	1323.	35.	2.	758.7	29.6	1
316	0	580	37.8020	89.7700	-834.7	QAL	4.05	1.78	1.40	0.439	1.269	2.891	1413.	32.	7.	758.7	29.6	1
317	0	572	37.8020	89.7692	-828.7	QAL	4.79	3.09	1.18	0.646	2.618	4.051	1410.	36.	8.	756.6	29.7	1
318	10	572	37.8020	89.7686	-825.7	QAL	8.89	0.42	1.28	0.0	0.0	6.925	1507.	30.	7.	758.7	29.8	1

CP9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
319	0	564	37.8020	89.7678	-821.7	QAL	4.86	2.04	1.28	0.420	1.601	3.809	1391.	54.	5.	759.7	29.8	1
320	10	560	37.8020	89.7671	-818.0	QAL	5.77	1.60	1.17	0.0	0.0	4.913	1549.	39.	8.	757.6	29.9	1
321	0	556	37.8020	89.7664	-814.2	QAL	7.42	2.66	1.07	0.358	2.481	6.921	1613.	41.	5.	758.7	29.9	1
322	0	548	37.8020	89.7657	-810.0	QAL	5.99	3.29	1.27	0.549	2.584	4.704	1556.	48.	4.	760.7	29.9	1
323	0	540	37.8020	89.7649	-807.7	QAL	4.26	3.48	1.53	0.818	2.273	2.780	1658.	53.	9.	759.2	30.0	1
324	0	532	37.8020	89.7642	-805.5	QAL	7.10	4.42	1.53	0.623	2.889	4.638	1737.	42.	3.	759.2	30.1	1
325	0	528	37.8020	89.7635	-803.0	QAL	4.37	3.34	1.72	0.764	1.942	2.541	1758.	35.	6.	760.2	30.1	1
326	10	524	37.8020	89.7627	-800.7	QAL	10.80	0.76	1.52	0.0	0.0	7.083	1703.	45.	6.	759.2	30.1	1
327	0	524	37.8020	89.7620	-797.0	QAL	9.54	1.91	1.34	0.200	1.419	7.101	1736.	33.	7.	759.2	30.1	1
328	0	516	37.8020	89.7613	-792.7	QAL	6.76	2.50	1.47	0.370	1.696	4.588	1695.	42.	4.	760.7	30.1	1
329	10	512	37.8020	89.7606	-790.2	QAL	9.02	0.51	1.59	0.0	0.0	5.663	1767.	40.	5.	759.7	30.0	1
330	0	504	37.8020	89.7599	-788.5	QAL	7.31	3.13	1.68	0.428	1.866	4.357	1846.	30.	2.	759.7	30.0	1
331	0	500	37.8020	89.7592	-786.7	QAL	8.78	2.84	1.31	0.323	2.165	6.705	1761.	42.	3.	761.8	30.0	1
332	0	488	37.8020	89.7584	-785.2	QAL	9.60	2.63	1.45	0.274	1.812	6.610	1740.	46.	4.	760.7	30.1	1
333	0	480	37.8020	89.7577	-784.7	QAL	7.43	4.13	1.35	0.556	3.065	5.513	1734.	50.	1.	759.7	30.0	1
334	0	476	37.8020	89.7570	-783.5	QAL	6.28	5.09	1.63	0.810	3.119	3.849	1836.	34.	3.	760.7	30.1	1
335	0	472	37.8020	89.7562	-783.0	QAL	7.71	3.39	1.41	0.440	2.407	5.474	1891.	35.	5.	760.7	30.1	1
336	0	468	37.8020	89.7555	-783.0	QAL	9.92	3.69	1.39	0.372	2.657	7.149	1758.	61.	6.	759.7	30.1	1
337	0	468	37.8020	89.7548	-783.2	QAL	6.44	2.16	1.71	0.334	1.258	3.761	1833.	43.	9.	761.8	30.1	1
338	10	468	37.8020	89.7541	-783.5	QAL	10.23	1.34	1.79	0.0	0.0	5.705	1850.	37.	6.	761.8	30.1	1
339	10	472	37.8020	89.7534	-783.0	QAL	8.89	0.88	1.79	0.0	0.0	4.951	1820.	43.	11.	760.2	30.1	1
340	0	472	37.8020	89.7526	-784.2	QAL	6.88	2.89	1.43	0.420	2.013	4.796	1793.	40.	11.	761.2	30.2	1
341	10	472	37.8020	89.7519	-785.2	QAL	10.70	0.77	1.58	0.0	0.0	6.768	1859.	44.	9.	762.3	30.1	1
342	10	476	37.8020	89.7512	-786.7	QAL	9.26	-0.22	1.78	0.0	0.0	5.193	1815.	41.	13.	760.2	30.1	1
343	0	476	37.8020	89.7505	-787.0	QAL	7.21	2.01	1.47	0.279	1.371	4.919	1827.	43.	12.	759.7	30.1	1
344	0	476	37.8020	89.7497	-788.0	QAL	7.31	2.46	1.67	0.336	1.476	4.386	1817.	42.	7.	761.8	30.1	1
345	0	476	37.8020	89.7490	-788.7	QAL	7.29	3.02	1.29	0.414	2.348	5.671	1740.	47.	4.	761.8	30.1	1
346	10	476	37.8020	89.7483	-790.7	QAL	7.71	1.46	1.59	0.0	0.0	4.853	1808.	39.	9.	759.7	30.1	1
347	10	468	37.8020	89.7475	-793.0	QAL	6.52	1.40	1.63	0.0	0.0	4.003	1725.	39.	6.	760.7	30.1	1
348	10	464	37.8020	89.7467	-794.2	QAL	8.47	0.52	1.53	0.0	0.0	5.550	1830.	36.	6.	761.8	30.1	1
349	0	468	37.8020	89.7460	-796.0	QAL	6.94	3.24	1.73	0.468	1.874	4.009	1858.	49.	7.	760.7	30.1	1
350	0	476	37.8021	89.7453	-798.5	QAL	10.84	3.82	1.31	0.352	2.908	8.251	1946.	36.	5.	759.7	30.2	1
351	0	476	37.8021	89.7446	-800.7	QAL	5.83	4.74	1.59	0.813	2.983	3.669	1906.	48.	4.	760.2	30.1	1
352	0	472	37.8021	89.7439	-801.5	QAL	10.51	2.43	1.76	0.231	1.381	5.982	1954.	43.	6.	762.3	30.2	1
353	0	480	37.8021	89.7431	-803.5	QAL	8.47	2.01	1.61	0.237	1.245	5.250	1852.	43.	10.	762.3	30.2	1
354	0	480	37.8021	89.7424	-805.5	QAL	9.90	4.65	1.67	0.470	2.780	5.917	2061.	41.	8.	760.2	30.2	1
355	0	484	37.8021	89.7417	-806.7	QAL	8.51	3.67	1.37	0.432	2.684	6.213	1962.	41.	9.	759.7	30.2	1
356	0	484	37.8021	89.7409	-810.0	QAL	8.48	2.79	1.87	0.329	1.491	4.533	2039.	34.	9.	761.8	30.2	1
357	10	488	37.8021	89.7402	-813.5	QAL	8.20	1.57	1.80	0.0	0.0	4.558	1973.	39.	12.	761.8	30.2	1
358	10	492	37.8021	89.7395	-815.5	QAL	7.98	1.55	1.72	0.0	0.0	4.654	1918.	43.	8.	760.7	30.2	1
359	10	492	37.8021	89.7388	-817.5	QAL	9.83	1.49	1.65	0.0	0.0	5.968	1899.	35.	8.	759.7	30.1	1
360	10	496	37.8021	89.7381	-819.5	QAL	10.79	1.40	1.81	0.0	0.0	5.974	1901.	34.	5.	760.7	30.1	1
361	10	496	37.8021	89.7374	-822.7	QAL	9.71	1.82	1.63	0.0	0.0	5.953	1832.	51.	8.	761.8	30.0	1
362	0	492	37.8021	89.7366	-824.7	QAL	8.37	2.96	1.60	0.354	1.852	5.230	1902.	36.	8.	761.8	30.0	1
363	0	492	37.8021	89.7359	-826.7	QAL	8.46	3.66	1.53	0.433	2.395	5.536	1874.	36.	4.	759.7	30.0	1
364	0	492	37.8021	89.7352	-828.5	QAL	9.28	2.66	1.60	0.287	1.669	5.819	1883.	39.	7.	758.7	30.1	1
365	0	496	37.8021	89.7344	-830.5	QAL	7.32	2.54	1.66	0.347	1.534	4.419	1956.	33.	10.	759.7	30.1	1
366	0	496	37.8022	89.7337	-833.0	QAL	9.22	2.80	1.63	0.304	1.717	5.644	2029.	36.	8.	761.2	30.1	1
367	10	500	37.8022	89.7330	-835.5	QAL	6.28	1.34	1.57	0.0	0.0	3.990	1849.	35.	11.	761.2	30.1	1
368	0	504	37.8022	89.7323	-837.2	QAL	6.93	3.16	1.96	0.456	1.612	3.533	1931.	38.	7.	760.2	30.1	1
369	0	508	37.8022	89.7316	-838.5	QAL	8.17	2.76	2.05	0.338	1.346	3.981	2015.	55.	8.	759.2	30.0	1
370	0	508	37.8022	89.7309	-840.2	QAL	10.50	2.71	1.51	0.258	1.794	6.965	1991.	39.	7.	759.7	30.0	1
371	0	508	37.8022	89.7301	-842.7	QAL	9.62	2.39	1.70	0.249	1.406	5.653	1955.	45.	7.	760.7	29.9	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
372	0	504	37.8022	89.7293	-843.5	QAL	8.87	2.78	1.58	0.313	1.762	5.627	2037.	35.	3.	761.8	29.9	1
373	0	504	37.8022	89.7286	-846.0	QAL	8.07	3.84	1.72	0.476	2.229	4.687	1840.	37.	0.	760.7	29.9	1
374	0	500	37.8022	89.7279	-848.2	QAL	7.53	4.13	1.69	0.548	2.444	4.462	1848.	45.	0.	759.7	30.1	1
375	0	500	37.8022	89.7271	-849.2	QAL	8.02	2.22	1.52	0.277	1.461	5.266	1818.	43.	0.	758.7	30.1	1
376	0	504	37.8022	89.7264	-850.0	QAL	6.09	4.56	1.84	0.748	2.471	3.304	1837.	46.	0.	759.7	30.1	1
377	0	508	37.8022	89.7257	-852.2	QAL	7.64	4.41	1.46	0.577	3.017	5.226	1898.	33.	0.	761.8	30.1	1
378	0	508	37.8022	89.7250	-855.7	QAL	5.24	7.71	1.33	1.473	5.803	3.940	1745.	44.	0.	761.8	30.0	1
379	0	504	37.8022	89.7242	-856.2	QAL	7.55	4.28	1.89	0.567	2.262	3.993	1797.	38.	0.	760.7	30.0	
380	0	500	37.8022	89.7235	-858.2	QAL	5.91	5.02	1.12	0.850	4.483	5.276	1675.	38.	4.	760.7	30.0	1
381	10	500	37.8022	89.7228	-859.5	QAL	8.12	1.65	1.34	0.0	0.0	6.054	1758.	43.	6.	760.2	30.0	1
382	0	496	37.8022	89.7221	-861.2	QAL	7.91	4.05	1.18	0.512	3.424	6.690	1728.	41.	8.	759.7	30.0	1
383	0	496	37.8022	89.7213	-863.2	QAL	8.75	2.36	1.30	0.270	1.822	6.758	1733.	49.	7.	759.7	29.9	1
384	0	492	37.8022	89.7206	-864.5	QAL	6.90	2.24	1.44	0.325	1.558	4.795	1786.	45.	8.	760.7	30.0	1
385	0	492	37.8022	89.7199	-866.5	QAL	7.85	2.68	1.37	0.341	1.958	5.739	1669.	37.	5.	761.2	30.0	1
386	0	492	37.8022	89.7192	-867.7	QAL	5.77	4.14	1.04	0.718	3.972	5.533	1581.	30.	6.	761.2	30.1	1
387	10	492	37.8022	89.7185	-868.7	QAL	6.87	1.63	1.26	0.0	0.0	5.435	1471.	44.	5.	761.2	30.1	1
388	0	492	37.8022	89.7177	-870.7	QAL	5.86	2.48	1.49	0.422	1.663	3.939	1655.	46.	5.	760.7	30.2	1
389	0	500	37.8022	89.7170	-873.2	QAL	8.60	7.43	1.07	0.864	6.974	8.075	1669.	54.	3.	759.7	30.2	1
390	0	504	37.8023	89.7163	-875.5	QAL	6.91	2.80	1.53	0.405	1.832	4.522	1735.	35.	4.	759.7	30.2	1
391	0	516	37.8023	89.7156	-876.2	QAL	8.35	2.65	1.66	0.317	1.601	5.043	1880.	37.	7.	759.7	30.1	1
392	10	520	37.8023	89.7148	-877.7	QAL	8.88	0.73	1.75	0.0	0.0	5.063	1849.	53.	8.	758.7	30.1	1
393	0	520	37.8023	89.7141	-879.5	QAL	9.55	2.86	1.61	0.299	1.771	5.919	1839.	36.	5.	758.7	30.0	1
394	0	524	37.8023	89.7134	-881.7	QAL	7.08	4.99	1.33	0.706	3.742	5.302	1862.	38.	9.	759.7	30.0	1
395	0	524	37.8023	89.7127	-881.5	QAL	10.34	3.49	1.51	0.337	2.312	6.852	1901.	30.	8.	760.7	30.0	1
396	10	524	37.8023	89.7119	-883.2	QAL	6.38	0.59	1.77	0.0	0.0	3.604	1848.	36.	11.	759.7	30.0	1
397	10	524	37.8023	89.7112	-885.5	QAL	8.64	0.52	1.87	0.0	0.0	4.621	1811.	38.	11.	760.7	30.0	1
398	0	516	37.8023	89.7105	-887.0	QAL	4.95	5.41	1.77	1.092	3.059	2.801	1776.	34.	8.	761.8	29.9	1
399	0	516	37.8023	89.7097	-888.0	QAL	7.63	2.59	1.62	0.339	1.597	4.706	1793.	35.	5.	760.7	29.9	1
400	0	504	37.8023	89.7090	-889.0	QAL	9.13	2.86	1.60	0.313	1.784	5.699	1824.	29.	4.	760.7	30.1	1
401	0	508	37.8023	89.7083	-891.0	QAL	8.33	1.93	1.46	0.231	1.322	5.719	1842.	46.	4.	760.7	30.1	1
402	0	512	37.8023	89.7076	-891.2	QAL	10.10	2.79	1.77	0.276	1.572	5.701	1958.	50.	2.	760.7	30.1	1
403	0	512	37.8023	89.7068	-892.5	QAL	7.62	3.53	1.75	0.464	2.014	4.344	1945.	24.	3.	759.7	30.1	1
404	0	508	37.8023	89.7061	-894.2	QAL	9.06	2.94	1.30	0.325	2.271	6.993	1882.	39.	3.	759.7	30.0	1
405	0	508	37.8023	89.7054	-895.2	QAL	7.52	2.45	1.81	0.326	1.354	4.157	1861.	41.	8.	759.7	30.0	1
406	10	508	37.8023	89.7047	-896.2	QAL	8.19	1.19	2.01	0.0	0.0	4.068	1933.	41.	9.	758.7	30.0	1
407	10	504	37.8024	89.7039	-899.5	QAL	9.53	0.84	1.84	0.0	0.0	5.192	1926.	37.	12.	758.7	30.0	1
408	10	500	37.8024	89.7032	-900.0	QAL	9.75	1.17	1.45	0.0	0.0	6.733	1825.	43.	17.	759.2	30.0	1
409	10	500	37.8024	89.7025	-899.5	QAL	6.42	0.83	1.72	0.0	0.0	3.739	1703.	43.	12.	759.2	29.9	1
410	10	504	37.8024	89.7018	-901.5	QAL	7.60	0.38	1.20	0.0	0.0	6.320	1685.	34.	18.	759.2	30.0	1
411	0	504	37.8024	89.7010	-903.7	QAL	5.10	4.18	1.12	0.819	3.726	4.550	1504.	48.	10.	758.7	30.0	1
412	0	504	37.8024	89.7003	-904.5	QAL	9.06	2.49	1.30	0.274	1.919	6.994	1552.	46.	13.	758.7	30.0	1
413	0	508	37.8024	89.6996	-905.7	QAL	4.58	2.48	1.51	0.541	1.645	3.039	1662.	50.	13.	759.7	29.9	1
414	0	508	37.8024	89.6989	-906.2	QAL	7.53	4.27	0.92	0.567	4.626	8.163	1657.	39.	8.	759.7	29.9	1
415	10	488	37.8024	89.6981	-907.5	QAL	6.14	1.27	1.19	0.0	0.0	5.168	1362.	45.	9.	758.7	29.9	1
416	10	508	37.8024	89.6974	-909.2	QAL	6.57	0.35	0.99	0.0	0.0	6.639	1137.	37.	10.	758.1	29.9	1
417	10	504	37.8024	89.6967	-911.5	QAL	5.13	0.51	0.74	0.0	0.0	6.969	1023.	33.	13.	759.2	29.9	1
418	10	504	37.8024	89.6960	-912.2	QAL	4.47	0.99	0.46	0.0	0.0	9.660	1019.	36.	10.	759.7	29.9	1
419	0	504	37.8024	89.6952	-913.7	QAL	1.83	3.50	0.73	1.916	4.786	2.498	1120.	40.	12.	758.7	29.9	1
420	0	504	37.8024	89.6945	-916.2	QAL	6.54	1.84	1.13	0.282	1.631	5.789	1428.	42.	11.	758.7	29.9	1
421	0	504	37.8024	89.6938	-917.7	QAL	5.34	2.12	1.22	0.397	1.734	4.369	1567.	37.	17.	759.7	30.0	1
422	10	500	37.8024	89.6931	-918.7	QAL	7.63	0.14	1.50	0.0	0.0	5.082	1569.	39.	13.	760.2	30.0	1
423	0	500	37.8024	89.6923	-920.2	QAL	6.42	2.29	1.65	0.356	1.387	3.893	1746.	40.	19.	760.2	30.0	1
424	0	496	37.8024	89.6915	-923.0	QAL	6.78	2.39	1.41	0.353	1.699	4.811	1730.	27.	17.	759.7	30.0	1

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
425	0	496	37.8024	89.6908	-923.2	QAL	4.38	3.45	1.35	0.787	2.549	3.240	1696.	41.	16.	759.7	29.9	1
426	10	496	37.8024	89.6901	-925.7	QAL	8.58	-0.66	1.48	0.0	0.0	5.794	1621.	47.	13.	760.7	29.9	1
427	10	492	37.8024	89.6894	-926.7	QAL	6.60	1.11	1.21	0.0	0.0	5.453	1459.	45.	12.	761.8	29.9	1
428	0	492	37.8024	89.6887	-927.2	QAL	3.89	2.66	1.01	0.685	2.644	3.858	1344.	41.	7.	761.8	29.9	1
429	10	492	37.8025	89.6880	-929.5	QAL	4.43	1.08	0.61	0.0	0.0	7.213	1061.	36.	10.	761.8	29.9	1
430	10	496	37.8025	89.6872	-932.0	(WATER)	2.24	0.36	0.78	0.0	0.0	2.868	859.	43.	12.	761.8	29.9	1
431	10	500	37.8025	89.6865	-933.0	(WATER)	1.98	1.40	0.53	0.0	0.0	3.711	659.	39.	9.	761.8	29.9	1
432	10	500	37.8025	89.6857	-934.0	(WATER)	1.39	0.26	0.32	0.0	0.0	4.326	506.	40.	11.	761.8	29.9	1
433	110	504	37.8025	89.6850	-935.7	(WATER)	1.05	-1.17	0.23	0.0	0.0	0.0	339.	42.	13.	760.7	30.0	1
434	10	504	37.8025	89.6843	-937.5	(WATER)	1.72	-0.63	0.27	0.0	0.0	6.448	280.	34.	10.	759.7	30.1	1
435	111	508	37.8025	89.6836	-939.0	(WATER)	0.26	-0.42	0.07	0.0	0.0	0.0	223.	37.	12.	759.7	30.2	1
436	111	512	37.8025	89.6829	-940.0	(WATER)	0.02	-0.41	-0.00	0.0	0.0	0.0	155.	41.	14.	759.7	30.2	1
437	111	516	37.8025	89.6822	-940.2	(WATER)	1.01	-1.36	0.09	0.0	0.0	0.0	152.	46.	12.	760.7	30.1	1
438	111	516	37.8025	89.6814	-941.5	(WATER)	-0.11	0.20	0.06	0.0	0.0	0.0	154.	35.	9.	761.8	30.1	1
439	11	512	37.8025	89.6807	-944.5	(WATER)	1.52	-0.78	0.13	0.0	0.0	0.0	164.	37.	9.	761.8	30.0	1
440	111	508	37.8025	89.6800	-946.2	(WATER)	0.79	0.46	0.03	0.0	0.0	0.0	186.	32.	7.	761.8	29.9	1
441	111	500	37.8025	89.6792	-947.2	(WATER)	0.30	-0.51	0.01	0.0	0.0	0.0	87.	40.	5.	760.7	29.9	1
442	111	496	37.8025	89.6785	-949.2	(WATER)	0.40	-1.07	0.11	0.0	0.0	0.0	111.	35.	8.	759.7	29.9	1
443	111	488	37.8025	89.6778	-951.2	(WATER)	0.52	-0.48	0.13	0.0	0.0	0.0	138.	35.	8.	760.7	29.8	1
444	111	488	37.8025	89.6771	-953.2	(WATER)	1.07	0.18	0.02	0.0	0.0	0.0	135.	31.	6.	760.7	29.8	1
445	111	484	37.8025	89.6764	-954.7	(WATER)	0.30	-0.15	0.13	0.0	0.0	0.0	154.	29.	9.	761.8	29.8	1
446	111	484	37.8025	89.6757	-956.7	(WATER)	0.24	-0.17	0.05	0.0	0.0	0.0	148.	27.	7.	762.8	29.9	1
447	111	484	37.8025	89.6749	-958.2	(WATER)	0.17	-1.14	0.06	0.0	0.0	0.0	119.	37.	10.	761.8	29.8	1
448	101	484	37.8025	89.6742	-958.7	(WATER)	-0.18	1.49	-0.06	0.0	0.0	0.0	197.	31.	7.	759.7	29.9	1
449	111	488	37.8026	89.6735	-954.5	(WATER)	0.50	0.27	-0.06	0.0	0.0	0.0	121.	46.	9.	759.7	29.9	1
450	111	492	37.8026	89.6727	-948.7	(WATER)	-0.10	0.47	-0.04	0.0	0.0	0.0	139.	45.	7.	760.7	29.9	1
451	111	496	37.8026	89.6719	-945.2	(WATER)	-0.14	0.81	-0.08	0.0	0.0	0.0	223.	47.	9.	761.8	29.9	1
452	111	500	37.8026	89.6712	-944.2	(WATER)	1.09	-0.01	0.16	0.0	0.0	0.0	297.	40.	5.	761.8	29.9	1
453	110	508	37.8026	89.6705	-945.7	(WATER)	1.36	0.39	0.23	0.0	0.0	0.0	495.	48.	7.	760.7	29.9	1
454	0	512	37.8026	89.6697	-953.5	(WATER)	2.75	1.48	0.51	0.537	2.905	5.405	787.	31.	7.	759.7	29.9	1
455	0	460	37.8026	89.6691	-961.7	(WATER)	2.84	2.75	0.63	0.968	4.398	4.545	885.	37.	2.	760.7	29.8	1
456	0	452	37.8026	89.6683	-966.0	(WATER)	5.03	1.81	0.79	0.359	2.299	6.408	1102.	39.	1.	761.8	29.8	1
457	10	496	37.8026	89.6676	-968.5	(WATER)	6.47	1.08	1.04	0.0	0.0	6.228	1319.	43.	1.	761.8	29.8	1
458	10	492	37.8026	89.6669	-971.0	(WATER)	7.59	1.12	1.57	0.0	0.0	4.847	1426.	36.	2.	760.7	29.8	1
459	0	476	37.8026	89.6662	-971.7	(WATER)	4.53	4.70	1.01	1.037	4.661	4.495	1419.	45.	1.	759.7	29.8	1
460	0	488	37.8026	89.6654	-973.2	(WATER)	6.80	2.85	1.43	0.419	1.990	4.754	1642.	39.	4.	759.7	29.8	1
461	10	504	37.8026	89.6647	-975.5	(WATER)	8.83	0.99	1.43	0.0	0.0	6.190	1649.	51.	4.	760.7	29.8	1
462	0	508	37.8026	89.6640	-977.5	(WATER)	5.91	3.58	1.70	0.606	2.110	3.480	1786.	29.	5.	761.2	29.7	1
463	0	508	37.8026	89.6632	-978.2	(WATER)	6.24	2.21	1.93	0.354	1.143	3.232	1837.	29.	4.	760.2	29.7	1
464	0	512	37.8026	89.6625	-978.0	(WATER)	7.04	2.92	1.70	0.415	1.721	4.148	1779.	29.	9.	759.2	29.7	1
465	0	508	37.8026	89.6618	-979.5	QAL	6.21	2.01	1.66	0.323	1.210	3.748	1746.	44.	8.	760.2	29.6	1
466	0	508	37.8026	89.6611	-982.0	QAL	6.78	2.08	1.56	0.306	1.328	4.341	1794.	31.	11.	761.2	29.6	1
467	0	508	37.8026	89.6604	-982.0	QAL	8.40	2.92	1.36	0.348	2.147	6.169	1650.	36.	10.	760.2	29.6	1
468	10	508	37.8026	89.6597	-982.7	QAL	8.03	0.82	1.72	0.0	0.0	4.667	1722.	43.	13.	759.2	29.6	1
469	10	508	37.8026	89.6589	-984.2	QAL	7.20	0.46	1.55	0.0	0.0	4.637	1645.	39.	14.	759.7	29.6	1
470	0	508	37.8026	89.6582	-984.2	QAL	6.15	1.88	1.30	0.305	1.448	4.740	1553.	44.	14.	761.8	29.6	1
471	10	508	37.8026	89.6574	-985.0	QAL	6.04	1.53	1.66	0.0	0.0	3.638	1670.	39.	13.	761.8	29.6	1
472	10	504	37.8026	89.6567	-986.7	QAL	4.76	1.17	1.29	0.0	0.0	3.686	1540.	38.	13.	759.7	29.6	1
473	0	504	37.8027	89.6560	-988.0	QAL	5.38	2.18	1.47	0.405	1.484	3.666	1501.	36.	10.	759.7	29.6	1
474	10	504	37.8027	89.6553	-988.5	QAL	7.31	0.06	1.56	0.0	0.0	4.678	1563.	43.	12.	761.2	29.6	1
475	10	504	37.8027	89.6546	-989.7	QAL	6.32	1.44	1.40	0.0	0.0	4.502	1515.	38.	8	760.2	29.6	1
476	10	504	37.8027	89.6538	-989.5	QAL	4.60	1.07	1.22	0.0	0.0	3.772	1404.	37.	14.	759.2	29.6	1
477	10	508	37.8027	89.6530	-992.0	QAL	5.07	1.67	1.61	0.0	0.0	3.145	1536.	54.	12.	761.2	29.6	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
478	10	508	37.8027	89.6523	-991.2		QAL	4.13	0.81	1.57	0.0	0.0	2.620	1448.	39.	11.	761.8	29.6	1
479	10	504	37.8027	89.6516	-991.5		QAL	4.72	1.12	1.88	0.0	0.0	2.513	1539.	41.	11.	759.7	29.6	1
480	0	500	37.8027	89.6509	-992.5		QAL	4.40	2.75	1.49	0.624	1.849	2.963	1479.	34.	9.	760.2	29.6	1
481	0	496	37.8027	89.6501	-993.0		QAL	5.07	2.70	1.77	0.533	1.528	2.868	1632.	43.	10.	762.3	29.6	1
482	0	496	37.8027	89.6494	-992.7		QAL	5.86	3.35	1.48	0.572	2.266	3.965	1644.	31.	4.	761.2	29.6	1
483	0	496	37.8027	89.6487	-993.7		QAL	4.99	2.39	1.68	0.479	1.427	2.976	1656.	53.	6.	760.2	29.6	1
484	0	496	37.8027	89.6480	-994.7		QAL	7.33	2.47	1.89	0.337	1.308	3.883	1793.	38.	7.	762.3	29.6	1
485	0	492	37.8027	89.6472	-994.2		QAL	5.24	3.49	1.54	0.666	2.269	3.408	1729.	40.	3.	762.3	29.6	1
486	0	488	37.8027	89.6465	-994.0		QAL	6.40	3.01	1.54	0.471	1.957	4.156	1766.	40.	3.	759.7	29.6	1
487	0	484	37.8027	89.6458	-993.7		QAL	8.34	2.82	1.36	0.338	2.071	6.126	1761.	42.	1.	761.8	29.6	1
488	0	484	37.8027	89.6451	-993.7		QAL	7.14	3.85	1.50	0.539	2.565	4.758	1756.	35.	3.	762.8	29.6	1
489	0	476	37.8027	89.6443	-994.2		QAL	8.39	3.30	1.60	0.393	2.069	5.260	1731.	40.	4.	760.7	29.6	1
490	0	472	37.8027	89.6436	-994.7		QAL	8.18	2.42	1.56	0.296	1.551	5.238	1760.	38.	3.	761.8	29.6	1
491	10	472	37.8027	89.6429	-995.0		QAL	5.54	1.19	1.80	0.0	0.0	3.074	1769.	56.	7.	763.8	29.6	1
492	0	472	37.8027	89.6422	-995.5		QAL	9.79	3.93	1.44	0.402	2.721	6.777	1941.	42.	3.	760.7	29.6	1
493	0	468	37.8027	89.6414	-994.2		QAL	8.24	3.43	1.53	0.417	2.237	5.370	1840.	38.	3.	761.2	29.7	1
494	0	468	37.8027	89.6407	-993.5		QAL	8.79	2.62	1.68	0.298	1.562	5.240	1840.	28.	4.	763.3	29.8	1
495	10	472	37.8027	89.6400	-994.2		QAL	6.46	1.51	1.89	0.0	0.0	3.410	1871.	36.	7.	761.2	29.8	1
496	0	472	37.8027	89.6393	-993.5		QAL	8.94	3.78	1.35	0.423	2.804	6.637	1860.	37.	4.	762.8	29.8	1
497	0	476	37.8027	89.6385	-993.0		QAL	8.59	2.61	1.74	0.304	1.505	4.946	1907.	38.	4.	763.3	29.7	1
498	0	476	37.8028	89.6378	-992.5		QAL	11.50	2.01	1.47	0.175	1.371	7.848	1863.	38.	4.	761.8	29.8	1
499	0	472	37.8028	89.6371	-992.2		QAL	9.42	3.50	1.43	0.371	2.445	6.585	1836.	49.	5.	761.8	29.8	1
500	0	472	37.8028	89.6364	-992.7		QAL	6.71	2.96	1.71	0.441	1.732	3.929	1926.	40.	4.	761.2	29.9	1
501	0	472	37.8028	89.6357	-992.2		QAL	9.90	2.57	1.32	0.260	1.944	7.491	1906.	41.	3.	761.2	29.9	1
502	0	476	37.8028	89.6349	-990.2		QAL	9.40	3.79	1.58	0.404	2.396	5.936	1866.	23.	1.	761.8	30.0	1
503	0	484	37.8028	89.6342	-989.7		QAL	9.73	2.51	1.36	0.257	1.847	7.176	1778.	45.	7.	760.7	30.0	1
504	0	492	37.8028	89.6334	-989.2		QAL	9.21	4.04	1.35	0.439	2.999	6.835	1763.	35.	4.	762.3	30.1	1
505	10	504	37.8028	89.6327	-987.5		QAL	6.27	1.63	1.59	0.0	0.0	3.945	1762.	42.	11.	761.8	30.2	1
506	0	512	37.8028	89.6320	-987.2		QAL	6.66	2.85	1.29	0.428	2.209	5.160	1712.	34.	10.	760.7	30.1	1
507	0	512	37.8028	89.6313	-987.5		QAL	8.84	2.39	1.39	0.270	1.724	6.383	1726.	37.	8.	761.8	30.0	1
508	0	516	37.8028	89.6305	-987.0		QAL	4.78	2.43	1.67	0.509	1.454	2.857	1782.	40.	10.	760.7	30.0	1
509	10	524	37.8028	89.6298	-987.0		QAL	7.94	1.79	1.48	0.0	0.0	5.354	1843.	38.	11.	760.2	30.1	1
510	10	524	37.8028	89.6291	-985.7		QAL	8.07	-0.62	1.71	0.0	0.0	4.716	1674.	37.	12.	760.7	30.2	1
511	10	524	37.8028	89.6284	-983.7		QAL	6.48	1.41	1.71	0.0	0.0	3.794	1733.	44.	8.	761.2	30.1	1
512	0	516	37.8028	89.6277	-981.7		QAL	4.81	2.81	1.47	0.584	1.908	3.269	1675.	37.	8.	760.7	30.1	1
513	10	512	37.8028	89.6269	-980.0		QAL	6.68	1.44	1.46	0.0	0.0	4.574	1613.	31.	10.	759.2	30.1	1
514	10	516	37.8028	89.6262	-979.0		QAL	6.34	1.06	1.56	0.0	0.0	4.062	1644.	33.	11.	760.2	30.1	1
515	10	516	37.8028	89.6255	-978.2		QAL	7.18	1.62	1.39	0.0	0.0	5.151	1609.	45.	6.	761.8	30.1	1
516	0	516	37.8028	89.6248	-977.5		QAL	5.99	4.48	1.36	0.748	3.282	4.387	1666.	45.	4.	760.7	30.1	1
517	0	516	37.8028	89.6240	-975.5		QAL	6.64	2.15	1.53	0.325	1.413	4.350	1721.	43.	10.	760.7	30.0	1
518	0	516	37.8029	89.6233	-976.0		QAL	8.92	3.93	1.43	0.440	2.737	6.217	1777.	34.	3.	760.7	30.0	1
519	0	520	37.8029	89.6226	-975.5		QAL	5.06	3.34	1.43	0.661	2.340	3.542	1693.	42.	8.	760.7	29.9	1
520	10	520	37.8029	89.6219	-974.2		QAL	8.96	0.42	1.92	0.0	0.0	4.671	1787.	39.	11.	761.2	29.8	1
521	0	516	37.8029	89.6211	-972.5		QAL	6.77	3.19	1.61	0.471	1.987	4.216	1671.	36.	10.	761.2	29.8	1
522	10	512	37.8029	89.6204	-971.7		QAL	7.28	1.73	1.49	0.0	0.0	4.881	1711.	33.	8.	760.7	29.9	1
523	0	508	37.8029	89.6197	-970.5		QAL	4.86	3.61	1.86	0.742	1.942	2.617	1752.	45.	13.	761.2	29.9	1
524	10	504	37.8029	89.6190	-968.7		QAL	8.69	-0.49	1.76	0.0	0.0	4.926	1713.	47.	12.	761.8	29.9	1
525	10	496	37.8029	89.6182	-968.0		QAL	8.26	1.82	1.54	0.0	0.0	5.351	1772.	37.	11.	760.7	29.9	1
526	10	492	37.8029	89.6175	-967.2		QAL	5.87	1.10	1.53	0.0	0.0	3.846	1676.	46.	10.	760.7	29.9	1
527	0	488	37.8029	89.6168	-966.7		QAL	12.05	2.19	1.45	0.181	1.505	8.292	1796.	36.	5.	761.2	29.9	1
528	10	484	37.8028	89.6160	-965.5		QAL	8.51	1.64	1.66	0.0	0.0	5.139	1709.	39.	8.	759.7	30.0	1
529	10	484	37.8028	89.6153	-964.5		QAL	6.89	1.20	1.64	0.0	0.0	4.205	1732.	40.	6.	760.2	30.0	1
530	0	488	37.8029	89.6145	-962.5		QAL	7.81	4.24	1.53	0.543	2.778	5.118	1813.	32.	2.	761.8	30.2	1

*	TAGS		* LOCATION		*			REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
531	0	492	37.8029	89.6139	-962.7		QAL	6.98	2.37	1.57	0.340	1.516	4.457	1741.	47.	2.	760.7	30.2	1
532	0	500	37.8028	89.6131	-961.0		QAL	6.21	3.57	1.79	0.574	1.997	3.476	1762.	37.	4.	761.2	30.3	1
533	10	508	37.8028	89.6124	-958.0		QAL	7.93	0.90	1.33	0.0	0.0	5.952	1732.	38.	6.	760.7	30.3	1
534	10	516	37.8028	89.6116	-957.7		QAL	8.46	1.31	1.60	0.0	0.0	5.300	1709.	34.	6.	761.2	30.4	1
535	0	520	37.8028	89.6109	-958.7		QAL	6.21	3.45	1.62	0.556	2.134	3.842	1786.	34.	4.	761.8	30.4	1
536	0	528	37.8027	89.6101	-955.5		QAL	8.81	3.49	1.45	0.396	2.401	6.056	1757.	43.	8.	760.2	30.3	1
537	0	528	37.8028	89.6094	-954.0		QAL	7.14	2.52	1.49	0.353	1.688	4.779	1741.	42.	8.	760.2	30.2	1
538	0	528	37.8028	89.6087	-953.0		QAL	6.27	2.32	1.56	0.369	1.485	4.019	1746.	39.	4.	760.7	30.2	1
539	10	528	37.8028	89.6079	-952.0		QAL	8.11	0.08	1.94	0.0	0.0	4.177	1709.	38.	10.	760.2	30.1	1
540	10	524	37.8027	89.6072	-951.5		QAL	7.18	0.77	1.96	0.0	0.0	3.665	1796.	49.	8.	761.2	30.0	1
541	0	516	37.8027	89.6064	-951.2		QAL	4.88	4.61	1.28	0.944	3.598	3.810	1677.	35.	9.	760.7	29.9	1
542	0	512	37.8027	89.6057	-948.2		QAL	7.80	2.54	1.52	0.326	1.671	5.130	1693.	33.	5.	759.7	29.9	1
543	0	504	37.8027	89.6050	-948.0		QAL	8.79	2.05	1.64	0.233	1.246	5.349	1718.	45.	4.	761.2	29.9	1
544	0	500	37.8027	89.6043	-947.7		QAL	6.43	2.44	1.92	0.379	1.269	3.345	1734.	32.	6.	760.2	29.9	1
545	10	500	37.8027	89.6035	-945.5		QAL	5.70	1.36	1.69	0.0	0.0	3.377	1626.	30.	7.	760.2	30.0	1
546	0	500	37.8027	89.6028	-945.0		QAL	8.66	2.68	1.29	0.309	2.077	6.720	1581.	35.	6.	761.8	30.0	1
547	0	500	37.8027	89.6021	-944.5		QAL	4.77	3.22	1.30	0.675	2.477	3.671	1614.	39.	9.	759.7	30.0	1
548	10	500	37.8027	89.6013	-942.7		QAL	5.63	0.65	1.66	0.0	0.0	3.397	1555.	35.	11.	759.7	30.0	1
549	0	496	37.8026	89.6006	-940.2		QAL	6.84	2.32	1.35	0.340	1.719	5.063	1615.	54.	10.	762.3	30.0	1
550	0	492	37.8026	89.5999	-939.0		QAL	5.60	2.34	1.17	0.418	1.997	4.778	1588.	53.	14.	760.2	30.0	1
551	0	484	37.8027	89.5992	-936.7		QAL	5.71	2.09	1.29	0.367	1.626	4.431	1527.	36.	7.	759.2	30.0	1
552	10	488	37.8027	89.5983	-937.0		QAL	5.45	1.20	1.24	0.0	0.0	4.397	1499.	39.	11.	761.8	30.1	1
553	0	492	37.8026	89.5976	-936.2		QAL	3.94	3.52	1.25	0.894	2.821	3.156	1544.	46.	4.	760.7	30.0	1
554	0	496	37.8026	89.5969	-933.7		QAL	5.40	2.75	1.39	0.509	1.980	3.891	1494.	32.	7.	759.7	30.1	1
555	0	496	37.8026	89.5962	-931.7		QAL	5.54	2.07	1.49	0.373	1.385	3.710	1477.	38.	5.	761.8	30.1	1
556	0	496	37.8026	89.5954	-931.2		QAL	5.49	3.08	1.36	0.561	2.274	4.053	1496.	33.	1.	760.7	30.2	1
557	0	500	37.8026	89.5947	-930.0		QAL	5.73	2.40	1.24	0.419	1.937	4.621	1418.	45.	0.	759.7	30.2	1
558	0	500	37.8026	89.5939	-928.5		QAL	6.54	3.07	1.70	0.469	1.809	3.854	1543.	58.	1.	761.8	30.2	1
559	0	496	37.8026	89.5932	-927.2		QAL	3.57	5.83	1.24	1.633	4.695	2.875	1543.	31.	0.	759.7	30.2	1
560	0	496	37.8026	89.5925	-925.7		QAL	4.65	3.75	1.39	0.807	2.693	3.339	1607.	43.	3.	758.7	30.2	1
561	0	500	37.8026	89.5918	-924.0		QAL	6.67	2.54	1.44	0.380	1.760	4.630	1570.	43.	6.	761.8	30.2	1
562	10	500	37.8025	89.5910	-923.5		QAL	6.61	1.31	1.25	0.0	0.0	5.287	1585.	32.	4.	761.2	30.1	1
563	10	500	37.8025	89.5903	-922.7		QAL	8.83	0.15	1.76	0.0	0.0	5.009	1617.	36.	7.	758.1	30.1	1
564	10	500	37.8025	89.5895	-922.5		QAL	6.66	0.66	1.39	0.0	0.0	4.794	1561.	36.	13.	760.2	30.1	1
565	0	500	37.8025	89.5888	-922.0		QAL	7.30	2.36	1.14	0.323	2.063	6.379	1572.	39.	7.	761.8	30.0	1
566	0	500	37.8025	89.5881	-919.0		QAL	7.70	2.13	1.17	0.277	1.825	6.584	1542.	49.	8.	759.7	30.0	1
567	0	500	37.8025	89.5874	-916.7		QAL	4.93	3.40	1.22	0.691	2.791	4.040	1594.	47.	5.	759.7	30.0	1
568	0	496	37.8025	89.5866	-916.2		QAL	7.13	2.65	1.52	0.371	1.743	4.696	1518.	41.	5.	761.8	30.0	1
569	0	500	37.8025	89.5859	-912.5		QAL	6.70	3.27	1.42	0.487	2.304	4.727	1617.	44.	3.	761.2	29.9	1
570	0	492	37.8024	89.5851	-904.7		QAL	4.77	2.50	1.34	0.524	1.873	3.571	1533.	49.	5.	759.2	30.0	1
571	0	488	37.8024	89.5844	-901.0		QAL	5.64	2.82	1.55	0.499	1.821	3.648	1517.	47.	0.	760.2	29.9	1
572	0	484	37.8024	89.5836	-905.7		QAL	5.80	1.81	1.36	0.311	1.326	4.260	1542.	40.	0.	761.8	30.0	1
573	0	480	37.8025	89.5829	-911.2		QAL	6.05	2.19	1.63	0.362	1.339	3.703	1517.	49.	0.	760.7	29.9	1
574	0	476	37.8024	89.5822	-911.5		QAL	7.21	3.30	1.30	0.457	2.528	5.533	1523.	35.	0.	760.2	29.9	1
575	0	436	37.8024	89.5815	-911.0		QAL	4.85	2.61	1.20	0.539	2.176	4.034	1397.	39.	1.	761.2	29.9	1
576	10	392	37.8024	89.5807	-908.7		QAL	6.15	0.83	1.34	0.0	0.0	4.576	1339.	48.	0.	761.2	30.0	1
577	0	392	37.8024	89.5800	-908.5		QAL	5.07	2.70	1.10	0.532	2.456	4.615	1349.	45.	0.	759.2	30.0	1
578	0	416	37.8024	89.5792	-907.7		QAL	5.32	1.33	1.25	0.250	1.063	4.252	1355.	42.	0.	759.7	30.0	1
579	0	472	37.8024	89.5785	-905.2		QAL	5.72	2.87	1.05	0.502	2.726	5.429	1397.	41.	0.	761.8	30.0	1
580	0	504	37.8024	89.5778	-904.7		QAL	5.51	2.50	1.40	0.455	1.784	3.924	1517.	42.	5.	761.2	30.0	1
581	0	520	37.8024	89.5771	-903.5		QAL	7.25	2.39	1.38	0.330	1.733	5.253	1576.	31.	2.	759.2	29.9	1
582	0	516	37.8024	89.5763	-903.0		QAL	5.41	2.04	1.28	0.377	1.594	4.230	1513.	52.	2.	759.7	29.9	1
583	0	464	37.8023	89.5755	-901.0		QAL	5.44	2.76	1.05	0.508	2.639	5.194	1414.	36.	5.	760.7	29.9	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
584	0	492	37.8023	89.5748	-901.7	MCU	6.05	3.90	1.30	0.646	3.003	4.652	1521.	30.	5.	759.7	29.9	1
585	0	484	37.8023	89.5741	-902.2	MCU	6.81	2.58	1.37	0.379	1.885	4.975	1525.	31.	10.	758.7	29.8	1
586	0	468	37.8023	89.5733	-902.5	MCU	7.22	2.04	1.07	0.282	1.908	6.763	1454.	57.	9.	758.7	29.8	1
587	0	404	37.8023	89.5727	-901.5	MCU	6.21	1.44	1.13	0.232	1.279	5.503	1463.	35.	10.	758.7	29.8	1
588	10	340	37.8023	89.5718	-900.0	MCU	4.91	0.39	1.08	0.0	0.0	4.529	1235.	39.	9.	759.7	29.7	1
589	10	336	37.8023	89.5711	-898.7	MCU	7.40	-0.07	1.36	0.0	0.0	5.441	1329.	49.	7.	758.7	29.7	1
590	0	344	37.8023	89.5704	-896.2	MCU	6.45	2.21	1.04	0.343	2.117	6.181	1403.	40.	5.	757.6	29.7	1
591	0	344	37.8023	89.5697	-895.0	MCU	4.09	1.77	1.32	0.432	1.342	3.107	1413.	44.	3.	758.7	29.7	1
592	10	336	37.8022	89.5689	-896.2	MCU	7.19	0.91	1.27	0.0	0.0	5.669	1352.	28.	4.	758.7	29.7	1
593	0	356	37.8022	89.5682	-895.7	MCU	5.08	2.25	1.03	0.443	2.196	4.952	1352.	28.	4.	757.6	29.7	1
594	0	416	37.8022	89.5675	-894.0	MCU	6.55	2.57	0.66	0.392	3.874	9.872	1298.	44.	5.	757.1	29.8	1
595	0	452	37.8022	89.5667	-895.0	MCU	5.65	1.73	1.24	0.306	1.392	4.549	1384.	42.	8.	757.1	29.9	1
596	0	468	37.8022	89.5660	-895.0	MCU	6.48	2.58	1.10	0.398	2.345	5.885	1337.	39.	2.	758.1	29.9	1
597	0	492	37.8022	89.5653	-893.7	MCU	4.03	1.56	1.15	0.386	1.354	3.510	1254.	38.	5.	759.2	29.9	1
598	10	528	37.8022	89.5646	-893.2	MCU	5.55	1.68	1.38	0.0	0.0	4.020	1446.	40.	8.	757.1	29.9	1
599	0	528	37.8022	89.5638	-892.7	MCU	6.09	2.00	1.05	0.329	1.907	5.790	1339.	51.	6.	755.5	29.9	1
600	0	508	37.8022	89.5630	-891.2	MCU	4.14	2.56	1.23	0.618	2.076	3.358	1305.	48.	6.	756.6	29.8	1
601	0	476	37.8022	89.5623	-892.0	MCU	5.97	2.38	1.12	0.398	2.128	5.342	1328.	37.	2.	757.6	29.8	1
602	10	436	37.8022	89.5616	-890.7	MCU	5.13	0.30	1.16	0.0	0.0	4.409	1296.	42.	10.	756.1	29.8	1
603	0	420	37.8022	89.5609	-890.0	MCU	5.23	2.47	0.94	0.473	2.630	5.566	1246.	35.	0.	754.0	29.7	1
604	0	444	37.8021	89.5601	-889.5	MCU	4.30	2.73	1.27	0.635	2.151	3.387	1332.	36.	6.	755.0	29.7	1
605	10	480	37.8021	89.5594	-889.0	MCU	5.96	0.41	1.01	0.0	0.0	5.894	1339.	54.	10.	756.6	29.6	1
606	0	448	37.8021	89.5586	-887.5	MCU	3.99	2.60	0.96	0.651	2.714	4.169	1296.	51.	7.	756.6	29.6	1
607	0	440	37.8021	89.5579	-887.2	MCU	6.17	2.27	0.96	0.368	2.357	6.400	1399.	34.	7.	755.5	29.5	1
608	0	444	37.8021	89.5571	-886.0	PPCV	5.13	2.13	1.16	0.414	1.835	4.431	1464.	45.	12.	754.5	29.5	1
609	0	424	37.8021	89.5564	-884.5	PPCV	5.33	2.58	1.04	0.484	2.481	5.124	1474.	45.	7.	753.5	29.5	1
610	0	420	37.8021	89.5557	-884.2	PPCV	5.42	1.91	1.04	0.353	1.837	5.212	1331.	49.	10.	754.5	29.5	1
611	10	396	37.8021	89.5550	-882.7	MCU	5.86	1.03	0.94	0.0	0.0	6.230	1277.	42.	11.	755.5	29.5	1
612	0	396	37.8021	89.5542	-882.5	MCU	4.62	1.49	0.90	0.323	1.661	5.145	1244.	46.	8.	755.5	29.6	1
613	10	408	37.8020	89.5535	-884.5	MCU	6.17	0.38	1.06	0.0	0.0	5.833	1163.	49.	9.	754.5	29.6	1
614	0	424	37.8020	89.5528	-882.2	MCU	2.93	2.88	0.88	0.986	3.259	3.307	1211.	47.	9.	753.5	29.7	1
615	0	436	37.8020	89.5520	-880.2	MCU	3.24	1.40	1.10	0.432	1.269	2.941	1119.	55.	7.	753.5	29.6	1
616	10	444	37.8020	89.5513	-881.0	MCU	4.41	0.51	0.95	0.0	0.0	4.649	1090.	44.	8.	754.5	29.6	1
617	0	464	37.8020	89.5506	-881.0	MCU	4.21	2.54	0.98	0.604	2.590	4.286	1177.	38.	5.	756.6	29.6	1
618	0	504	37.8020	89.5497	-880.2	MCU	5.63	1.72	0.97	0.306	1.775	5.802	1211.	33.	4.	755.5	29.6	1
619	0	540	37.8020	89.5490	-880.2	MCU	3.21	2.21	0.86	0.686	2.551	3.716	1227.	41.	4.	754.5	29.6	1
620	0	588	37.8020	89.5483	-878.5	MCU	4.93	2.41	0.94	0.489	2.563	5.239	1342.	43.	4.	754.5	29.6	1
621	0	548	37.8019	89.5476	-878.2	MCU	4.22	2.73	1.09	0.648	2.511	3.877	1205.	50.	3.	754.5	29.6	1
622	10	520	37.8019	89.5469	-878.7	MCU	6.53	0.70	0.91	0.0	0.0	7.169	1128.	44.	6.	755.0	29.6	1
623	0	532	37.8019	89.5462	-876.5	MCU	5.49	1.84	0.96	0.335	1.923	5.736	1249.	40.	10.	756.1	29.5	1
624	0	544	37.8020	89.5454	-875.2	MCU	6.37	1.93	0.90	0.302	2.134	7.060	1303.	29.	6.	756.1	29.6	1
625	10	488	37.8020	89.5446	-876.0	MCU	7.87	0.86	0.98	0.0	0.0	8.037	1263.	34.	7.	755.5	29.6	1
626	10	452	37.8019	89.5439	-874.2	MCU	4.84	1.37	0.85	0.0	0.0	5.675	1169.	42.	10.	754.5	29.6	1
627	10	460	37.8019	89.5432	-875.0	MCU	5.37	1.49	1.11	0.0	0.0	4.846	1274.	47.	7.	754.5	29.7	1
628	10	464	37.8019	89.5425	-874.2	PPCV	4.79	1.45	1.37	0.0	0.0	3.489	1405.	26.	10.	756.1	29.8	1
629	0	416	37.8019	89.5417	-872.2	PPCV	5.36	2.47	1.01	0.461	2.443	5.293	1321.	40.	6.	756.6	29.8	1
630	0	380	37.8018	89.5410	-870.5	PPCV	6.92	1.61	1.09	0.233	1.474	6.331	1450.	43.	5.	756.6	29.8	1
631	0	392	37.8019	89.5402	-869.0	PPCV	5.53	2.48	1.15	0.449	2.150	4.793	1457.	32.	4.	755.5	29.8	1
632	0	368	37.8019	89.5395	-868.0	PPCV	5.37	2.69	0.95	0.500	2.825	5.649	1399.	49.	1.	753.5	29.9	1
633	0	364	37.8019	89.5388	-869.2	PPCV	4.73	2.94	1.04	0.621	2.809	4.524	1425.	33.	2.	753.5	29.8	1
634	0	380	37.8018	89.5381	-869.7	PPCV	6.37	3.27	0.99	0.513	3.314	6.455	1378.	42.	2.	754.5	29.8	1
635	0	384	37.8018	89.5374	-868.7	PPCV	5.54	1.91	0.97	0.345	1.974	5.715	1321.	35.	3.	755.5	29.8	1
636	0	396	37.8018	89.5365	-869.0	PPCV	4.29	2.72	1.15	0.634	2.370	3.739	1274.	35.	1.	756.6	29.7	1

* TAGS			* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
637	0	416	37.8018	89.5358	-869.2	PPCV	5.87	1.84	0.85	0.314	2.158	6.872	1271.	48.	4.	755.5	29.7	1
638	0	436	37.8018	89.5351	-869.2	PPCV	4.78	2.44	0.68	0.510	3.596	7.054	1277.	33.	4.	754.5	29.7	1
639	0	436	37.8018	89.5343	-867.2	MCU	4.84	1.87	1.27	0.385	1.466	3.805	1254.	44.	4.	753.5	29.7	1
640	0	456	37.8018	89.5336	-867.7	MCU	3.77	1.79	0.83	0.476	2.149	4.517	1182.	54.	9.	754.5	29.7	1
641	10	492	37.8018	89.5329	-867.7	MCU	6.42	1.67	1.07	0.0	0.0	6.018	1375.	37.	10.	755.5	29.7	1
642	0	540	37.8018	89.5321	-868.0	MCU	6.15	1.87	1.16	0.303	1.603	5.284	1370.	22.	10.	756.6	29.7	1
643	10	572	37.8017	89.5314	-867.0	MCU	5.48	0.78	1.30	0.0	0.0	4.203	1401.	42.	14.	756.6	29.7	1
644	10	572	37.8017	89.5307	-867.2	MCU	6.21	-1.96	1.08	0.0	0.0	5.745	1309.	43.	15.	755.5	29.7	1
645	10	564	37.8017	89.5299	-866.2	MCU	9.34	-0.14	1.18	0.0	0.0	7.933	1465.	36.	10.	753.5	29.7	1
646	0	548	37.8017	89.5292	-865.7	MCU	3.51	2.15	1.09	0.614	1.969	3.207	1360.	42.	13.	753.5	29.7	1
647	0	548	37.8017	89.5285	-865.5	MCU	2.71	3.94	0.93	1.452	4.244	2.923	1282.	39.	8.	755.5	29.7	1
648	0	556	37.8017	89.5277	-865.2	MCU	4.84	3.30	1.04	0.682	3.171	4.647	1375.	29.	5.	755.5	29.8	1
649	10	560	37.8017	89.5270	-865.2	MCU	6.17	0.81	1.37	0.0	0.0	4.515	1346.	37.	10.	756.6	29.8	1
650	10	548	37.8017	89.5262	-864.7	QAL	5.57	1.31	1.08	0.0	0.0	5.163	1241.	39.	5.	756.6	29.8	1
651	0	576	37.8017	89.5255	-864.5	QAL	5.93	2.63	0.66	0.443	3.980	8.980	1353.	30.	5.	755.5	29.7	1
652	0	608	37.8017	89.5248	-864.0	QAL	5.40	3.24	1.04	0.600	3.128	5.214	1464.	29.	4.	754.5	29.7	1
653	0	620	37.8017	89.5241	-862.5	QAL	6.37	3.07	1.02	0.482	2.994	6.218	1348.	43.	5.	753.5	29.7	1
654	0	588	37.8017	89.5233	-862.2	QAL	5.02	2.98	0.92	0.594	3.246	5.469	1359.	38.	5.	754.5	29.7	1
655	0	552	37.8017	89.5226	-862.2	QAL	5.23	1.76	0.89	0.336	1.966	5.851	1314.	40.	6.	756.6	29.6	1
656	10	520	37.8016	89.5218	-861.0	MCU	6.56	1.31	0.96	0.0	0.0	6.815	1276.	37.	7.	757.6	29.6	1
657	10	508	37.8016	89.5211	-860.2	MCU	5.58	1.32	0.92	0.0	0.0	6.084	1294.	38.	4.	756.6	29.6	1
658	10	524	37.8016	89.5204	-860.5	MCU	4.85	0.95	1.22	0.0	0.0	3.969	1224.	45.	7.	755.5	29.6	1
659	10	540	37.8016	89.5197	-860.7	MCU	7.42	0.25	1.00	0.0	0.0	7.442	1306.	27.	6.	754.0	29.5	1
660	10	536	37.8016	89.5189	-859.7	MCU	7.03	0.89	0.86	0.0	0.0	8.132	1204.	42.	7.	754.0	29.6	1
661	0	516	37.8016	89.5182	-857.7	MCU	4.94	2.41	1.03	0.487	2.348	4.817	1272.	46.	7.	755.0	29.6	1
662	10	476	37.8016	89.5174	-857.7	PPCV	7.36	0.63	1.18	0.0	0.0	6.263	1265.	43.	7.	756.1	29.6	1
663	0	464	37.8016	89.5167	-857.0	PPCV	6.07	2.17	0.98	0.357	2.205	6.183	1344.	34.	7.	756.6	29.7	1
664	0	424	37.8015	89.5160	-856.0	PPCV	6.75	2.70	1.08	0.400	2.487	6.221	1373.	37.	4.	755.5	29.8	1
665	0	380	37.8015	89.5153	-854.5	PPCV	5.35	1.70	0.97	0.317	1.751	5.521	1273.	46.	2.	754.5	29.8	1
666	0	380	37.8015	89.5145	-854.7	PPCV	4.64	3.35	0.85	0.723	3.938	5.447	1413.	35.	0.	754.0	29.9	1
667	10	388	37.8015	89.5137	-852.2	PPCV	8.69	0.95	1.08	0.0	0.0	8.053	1396.	32.	0.	753.5	29.9	1
668	0	388	37.8015	89.5130	-851.7	PPCV	3.10	2.50	1.11	0.806	2.258	2.802	1313.	44.	0.	754.5	29.9	1
669	0	388	37.8015	89.5123	-850.7	PPCV	4.23	4.68	0.78	1.106	6.038	5.459	1311.	48.	0.	755.0	29.9	1
670	0	404	37.8015	89.5116	-850.0	PPCV	5.72	1.83	0.90	0.320	2.045	6.388	1293.	25.	0.	755.0	30.0	1
671	0	432	37.8015	89.5108	-848.7	PPCV	5.01	2.64	0.88	0.527	3.015	5.719	1252.	41.	0.	756.1	30.0	1
672	0	468	37.8015	89.5100	-847.2	PPCV	5.62	1.66	1.06	0.295	1.569	5.322	1447.	34.	1.	756.1	30.0	1
673	0	480	37.8014	89.5093	-845.2	PPCV	3.75	3.19	1.08	0.850	2.940	3.458	1404.	49.	0.	754.0	30.0	1
674	0	480	37.8015	89.5086	-844.0	PPCV	6.82	2.85	0.98	0.418	2.909	6.968	1356.	34.	0.	754.0	30.0	1
675	0	492	37.8015	89.5079	-842.7	PPCV	5.02	3.17	1.05	0.633	3.034	4.795	1369.	34.	0.	754.0	30.0	1
676	10	508	37.8015	89.5071	-841.0	PPCV	4.34	1.33	0.92	0.0	0.0	4.724	1280.	51.	5.	754.0	29.9	1
677	0	468	37.8014	89.5064	-840.0	PPCV	2.77	2.58	0.99	0.930	2.606	2.803	1269.	41.	6.	755.0	29.9	1
678	0	448	37.8014	89.5056	-838.2	PPCV	4.71	2.86	0.82	0.608	3.500	5.759	1230.	34.	6.	756.1	29.8	1
679	0	448	37.8014	89.5049	-837.0	PPCV	4.83	2.41	0.87	0.499	2.784	5.577	1281.	39.	8.	755.5	29.8	1
680	0	420	37.8014	89.5042	-835.7	PPCV	4.46	2.27	1.00	0.509	2.267	4.457	1384.	48.	3.	754.5	29.8	1
681	0	416	37.8014	89.5035	-833.2	PPCV	5.69	2.34	1.03	0.412	2.275	5.526	1346.	41.	4.	753.5	29.8	1
682	0	424	37.8014	89.5027	-832.0	PPCV	5.28	2.85	1.05	0.539	2.701	5.008	1445.	46.	3.	753.5	29.8	1
683	10	428	37.8014	89.5020	-830.2	PPCV	6.14	1.24	1.34	0.0	0.0	4.584	1404.	57.	6.	754.5	29.7	1
684	0	408	37.8014	89.5012	-827.2	PPCV	6.99	1.32	1.41	0.188	0.933	4.956	1485.	38.	1.	754.5	29.7	1
685	0	404	37.8014	89.5005	-824.5	PPCV	7.53	1.86	1.29	0.247	1.438	5.830	1552.	45.	1.	755.5	29.7	1
686	0	400	37.8013	89.4998	-821.0	PPCV	7.33	1.70	1.57	0.232	1.081	4.670	1509.	39.	2.	755.5	29.7	1
687	0	392	37.8013	89.4991	-819.7	PPCV	5.32	3.32	1.14	0.625	2.928	4.683	1448.	46.	0.	754.5	29.7	1
688	0	392	37.8013	89.4984	-818.7	PPCV	6.24	1.47	1.09	0.236	1.351	5.737	1411.	45.	0.	755.5	29.8	1
689	0	408	37.8013	89.4976	-816.7	PPCV	5.90	2.23	1.16	0.378	1.913	5.064	1365.	26.	0.	754.5	29.8	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
690	0	420	37.8013	89.4968	-814.0	PPAB	6.87	1.75	0.95	0.255	1.839	7.226	1292.	41.	0.	753.5	29.8	1
691	0	444	37.8013	89.4961	-812.0	PPAB	7.77	1.63	1.20	0.209	1.357	6.478	1417.	34.	0.	754.5	29.8	1
692	10	420	37.8013	89.4953	-809.7	PPAB	5.57	1.16	0.97	0.0	0.0	5.732	1283.	47.	0.	754.5	29.9	1
693	0	408	37.8013	89.4946	-806.2	PPAB	4.78	1.40	0.95	0.293	1.469	5.024	1329.	32.	0.	755.0	29.9	1
694	0	416	37.8012	89.4939	-802.7	PPAB	5.88	1.37	1.25	0.233	1.092	4.686	1333.	55.	0.	756.1	29.9	1
695	0	420	37.8012	89.4932	-798.2	PPAB	4.28	3.54	1.00	0.826	3.539	4.283	1300.	46.	0.	756.1	29.9	1
696	0	424	37.8012	89.4924	-797.0	PPAB	3.63	2.27	0.95	0.626	2.401	3.833	1188.	44.	0.	755.0	29.9	1
697	0	456	37.8012	89.4917	-795.7	PPAB	4.81	2.92	0.83	0.606	3.519	5.805	1209.	43.	0.	754.5	29.8	1
698	10	492	37.8012	89.4910	-793.7	PPAB	6.18	0.86	0.91	0.0	0.0	6.783	1180.	40.	1.	754.5	29.8	1
699	0	440	37.8012	89.4902	-789.7	PPAB	7.71	2.35	0.92	0.305	2.549	8.352	1252.	41.	0.	754.5	29.7	1
700	0	432	37.8012	89.4895	-787.0	PPAB	4.61	1.47	0.89	0.319	1.653	5.186	1196.	41.	2.	754.5	29.7	1
701	0	452	37.8012	89.4888	-783.7	PPAB	5.33	2.25	0.98	0.423	2.307	5.460	1242.	35.	1.	755.5	29.6	1
702	0	428	37.8012	89.4880	-780.7	PPAB	5.42	3.19	1.00	0.589	3.181	5.398	1327.	27.	3.	757.1	29.6	1
703	0	400	37.8012	89.4872	-777.5	PPAB	4.89	1.57	1.10	0.322	1.425	4.432	1278.	45.	4.	757.1	29.6	1
704	0	408	37.8012	89.4865	-774.7	PPAB	5.19	3.70	1.05	0.712	3.532	4.959	1460.	35.	4.	756.6	29.6	1
705	0	404	37.8012	89.4858	-773.2	PPAB	6.12	3.69	1.15	0.602	3.212	5.334	1533.	33.	3.	755.5	29.5	1
706	10	408	37.8012	89.4850	-770.5	PPAB	9.08	0.74	1.00	0.0	0.0	9.118	1608.	29.	3.	754.5	29.6	1
707	0	352	37.8011	89.4844	-766.5	PPAB	7.53	1.92	1.25	0.255	1.535	6.007	1489.	39.	4.	755.0	29.6	1
708	0	340	37.8011	89.4836	-763.7	PPAB	7.64	1.59	1.30	0.208	1.222	5.882	1513.	46.	4.	755.0	29.6	1
709	0	336	37.8011	89.4828	-760.7	PPAB	6.36	3.16	1.27	0.497	2.483	5.001	1523.	40.	1.	754.0	29.6	1
710	0	360	37.8011	89.4821	-756.7	PPAB	5.16	3.65	1.32	0.707	2.765	3.913	1464.	38.	3.	755.0	29.6	1
711	0	352	37.8011	89.4814	-753.5	PPAB	5.16	2.28	1.22	0.441	1.865	4.226	1447.	42.	5.	756.1	29.6	1
712	0	364	37.8011	89.4807	-750.5	PPAB	6.97	1.59	1.09	0.228	1.453	6.374	1459.	48.	6.	757.1	29.6	1
713	0	380	37.8011	89.4799	-748.2	PPAB	6.62	3.10	0.95	0.468	3.259	6.960	1404.	43.	3.	757.6	29.6	1
714	10	388	37.8011	89.4792	-745.0	PPAB	5.85	1.26	1.25	0.0	0.0	1.668	1368.	49.	4.	756.6	29.6	1
715	0	400	37.8010	89.4784	-741.5	PPAB	6.69	1.69	1.13	0.253	1.495	5.919	1329.	46.	5.	755.5	29.6	1
716	0	432	37.8010	89.4777	-740.2	PPAB	4.66	1.62	1.10	0.349	1.477	4.234	1395.	41.	7.	755.5	29.6	1
717	0	452	37.8010	89.4770	-737.7	PPAB	6.12	3.38	1.00	0.552	3.372	6.111	1425.	30.	3.	754.5	29.6	1
718	0	472	37.8010	89.4763	-733.5	PPAB	6.14	2.97	1.15	0.483	2.588	5.359	1458.	38.	7.	754.5	29.6	1
719	10	480	37.8010	89.4755	-731.7	PPAB	7.26	0.56	1.05	0.0	0.0	6.909	1362.	33.	6.	754.5	29.7	1
720	10	460	37.8010	89.4747	-730.2	PPAB	6.30	1.15	1.25	0.0	0.0	5.027	1310.	44.	8.	754.5	29.7	1
721	0	456	37.8010	89.4740	-726.7	PPAB	6.72	2.48	1.00	0.369	2.489	6.749	1334.	36.	2.	755.5	29.7	1
722	10	472	37.8010	89.4733	-724.7	PPAB	7.45	0.96	0.91	0.0	0.0	8.224	1263.	38.	5.	756.6	29.7	1
723	10	456	37.8010	89.4725	-722.7	PPAB	6.51	1.47	0.98	0.0	0.0	6.660	1148.	54.	4.	755.5	29.6	1
724	0	436	37.8009	89.4718	-720.5	PPAB	5.41	2.60	0.73	0.480	3.560	7.410	1222.	50.	4.	755.5	29.6	1
725	0	416	37.8009	89.4711	-717.2	PPAB	6.11	2.69	0.84	0.440	3.196	7.262	1318.	49.	3.	756.6	29.6	1
726	0	432	37.8009	89.4703	-715.7	PPAB	5.81	2.46	1.07	0.424	2.306	5.444	1342.	35.	2.	755.5	29.6	1
727	0	448	37.8010	89.4696	-712.5	PPAB	5.48	1.91	1.10	0.348	1.739	4.993	1373.	46.	3.	754.5	29.6	1
728	0	440	37.8009	89.4689	-710.0	PPAB	4.94	2.75	1.02	0.556	2.703	4.863	1296.	34.	2.	753.5	29.6	1
729	0	448	37.8009	89.4681	-707.2	PPAB	5.63	2.05	1.13	0.364	1.820	5.004	1350.	39.	5.	753.5	29.7	1
730	10	452	37.8009	89.4674	-706.5	PPAB	5.47	0.85	1.07	0.0	0.0	5.106	1177.	52.	3.	754.5	29.7	1
731	0	488	37.8009	89.4667	-704.5	PPAB	4.13	1.83	0.69	0.444	2.661	5.998	1030.	45.	8.	754.5	29.6	1
732	10	544	37.8009	89.4660	-702.5	PPAB	4.30	1.22	0.46	0.0	0.0	9.402	955.	51.	10.	754.5	29.6	1
733	10	604	37.8009	89.4652	-701.0	PPAB	3.96	0.89	0.49	0.0	0.0	8.038	812.	35.	12.	754.5	29.6	1
734	10	672	37.8009	89.4644	-697.7	PPAB	2.93	0.31	0.31	0.0	0.0	9.578	678.	35.	15.	754.5	29.6	1
735	11	676	37.8010	89.4636	-695.0	PPAB	1.88	-0.80	0.16	0.0	0.0	0.0	470.	45.	16.	754.5	29.6	1
736	110	672	37.8010	89.4629	-695.0	QAL	1.55	-0.39	0.32	0.0	0.0	0.0	480.	51.	13.	755.0	29.6	1
737	10	668	37.8010	89.4621	-694.2	QAL	3.44	-0.27	0.32	0.0	0.0	10.905	644.	33.	15.	756.1	29.5	1
738	10	572	37.8010	89.4613	-690.5	QAL	1.47	-0.25	0.43	0.0	0.0	3.420	631.	34.	18.	756.6	29.5	1
739	10	564	37.8011	89.4605	-688.5	QAL	2.82	0.28	0.52	0.0	0.0	5.390	665.	45.	15.	755.5	29.5	1
740	110	580	37.8011	89.4598	-688.2	QAL	1.03	0.22	0.25	0.0	0.0	0.0	641.	33.	14.	755.5	29.6	1
741	10	572	37.8012	89.4589	-685.5	QAL	1.73	0.30	0.42	0.0	0.0	4.133	606.	48.	12.	756.1	29.6	1
742	10	576	37.8012	89.4582	-683.7	QAL	2.86	-1.66	0.76	0.0	0.0	3.759	703.	37.	15.	756.1	29.7	1

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
743	10	564	37.8012	89.4574	-683.0	QAL	2.93	-1.42	0.59	0.0	0.0	4.996	668.	36.	11.	756.1	29.7	1
744	10	524	37.8012	89.4566	-680.5	QAL	2.46	1.10	0.29	0.0	0.0	8.413	789.	44.	10.	755.5	29.7	1
745	0	516	37.8013	89.4559	-680.0	QAL	4.33	1.75	0.43	0.405	4.120	10.176	761.	35.	10.	754.5	29.7	1
746	10	520	37.8013	89.4551	-679.0	QAL	3.31	0.62	0.56	0.0	0.0	5.929	717.	47.	6.	755.5	29.7	1
747	10	552	37.8014	89.4544	-677.7	QAL	3.23	1.41	0.41	0.0	0.0	7.858	772.	42.	4.	755.5	29.8	1
748	10	612	37.8014	89.4536	-676.7	QAL	3.22	-0.75	0.57	0.0	0.0	5.635	736.	38.	7.	753.5	29.7	1
749	10	660	37.8014	89.4528	-674.5	QAL	5.62	-0.42	0.32	0.0	0.0	17.676	685.	39.	8.	753.5	29.7	1
750	11	660	37.8014	89.4520	-673.7	QAL	3.53	1.90	0.11	0.0	0.0	0.0	587.	46.	9.	754.5	29.7	1
751	100	664	37.8015	89.4513	-673.2	QAL	1.11	1.91	0.42	0.0	4.581	0.0	671.	43.	6.	753.5	29.7	1
752	10	600	37.8015	89.4505	-672.0	QAL	3.40	1.17	0.59	0.0	0.0	5.774	687.	39.	6.	753.5	29.7	1
753	10	576	37.8015	89.4497	-670.2	QAL	3.56	-0.84	0.41	0.0	0.0	8.710	562.	46.	7.	753.5	29.7	1
754	10	632	37.8015	89.4490	-670.5	QAL	3.01	1.26	0.33	0.0	0.0	9.155	543.	30.	5.	753.5	29.6	1
755	11	676	37.8016	89.4482	-668.7	QAL	3.14	1.08	-0.04	0.0	0.0	0.0	511.	46.	10.	753.5	29.6	1
756	110	676	37.8016	89.4474	-667.0	QAL	1.75	-0.44	0.26	0.0	0.0	0.0	403.	48.	12.	754.0	29.6	1
757	110	672	37.8017	89.4467	-665.2	QAL	1.02	-0.05	0.26	0.0	0.0	0.0	439.	30.	10.	754.0	29.5	1
758	11	668	37.8017	89.4459	-665.0	QAL	2.36	-2.21	0.17	0.0	0.0	0.0	498.	46.	17.	754.0	29.5	1
759	10	664	37.8017	89.4451	-664.5	QAL	2.42	-1.24	0.37	0.0	0.0	6.601	583.	29.	13.	754.0	29.5	1
760	110	660	37.8017	89.4444	-662.5	QAL	-0.01	0.61	0.29	0.0	0.0	0.0	571.	34.	9.	755.0	29.5	1
761	110	656	37.8018	89.4435	-660.7	QAL	1.00	-0.34	0.42	0.0	0.0	0.0	674.	38.	10.	755.0	29.5	1
762	10	656	37.8018	89.4428	-661.7	QAL	2.19	0.97	0.26	0.0	0.0	8.414	634.	40.	8.	756.1	29.5	1
763	10	656	37.8019	89.4420	-660.2	QAL	3.33	-0.10	0.69	0.0	0.0	4.806	610.	28.	3.	756.1	29.4	1
764	101	656	37.8019	89.4412	-658.5	QAL	0.91	2.86	0.25	0.0	0.0	0.0	524.	29.	3.	756.1	29.5	1
765	111	652	37.8019	89.4404	-658.0	QAL	1.65	1.37	0.24	0.0	0.0	0.0	418.	43.	4.	756.1	29.4	1
766	111	652	37.8019	89.4397	-656.7	QAL	1.12	0.15	0.14	0.0	0.0	0.0	375.	46.	1.	756.6	29.4	1
767	111	656	37.8020	89.4389	-655.5	QAL	1.28	1.33	0.24	0.0	0.0	0.0	376.	41.	5.	756.6	29.4	1
768	110	652	37.8020	89.4381	-655.0	QAL	0.26	0.39	0.44	0.0	0.0	0.0	364.	48.	4.	756.6	29.4	1
769	100	652	37.8021	89.4374	-654.0	QAL	0.69	1.98	0.29	0.0	6.763	0.0	515.	42.	0.	756.6	29.4	1
770	100	652	37.8021	89.4366	-653.0	QAL	1.08	2.18	0.41	0.0	5.267	0.0	517.	42.	2.	755.5	29.4	1
771	11	644	37.8021	89.4358	-653.5	QAL	2.77	0.12	0.23	0.0	0.0	0.0	481.	48.	5.	755.0	29.4	1
772	10	632	37.8021	89.4350	-653.2	PPAB	2.55	1.34	0.33	0.0	0.0	7.739	399.	47.	1.	755.0	29.4	1
773	101	616	37.8022	89.4343	-651.7	PPAB	1.01	1.48	0.07	0.0	0.0	0.0	315.	42.	0.	755.5	29.4	1
774	11	600	37.8022	89.4335	-648.7	PPAB	2.09	-0.89	0.18	0.0	0.0	0.0	226.	43.	2.	757.6	29.5	1
775	111	584	37.8023	89.4327	-647.7	PPAB	0.58	-0.47	0.11	0.0	0.0	0.0	194.	52.	3.	758.7	29.5	1
776	110	572	37.8023	89.4320	-646.2	PPAB	0.52	0.23	0.30	0.0	0.0	0.0	334.	48.	2.	757.6	29.6	1
777	10	560	37.8023	89.4312	-645.2	PPAB	2.09	0.68	0.30	0.0	0.0	6.991	421.	34.	3.	757.6	29.6	1
778	10	548	37.8023	89.4304	-643.7	PPAB	2.08	1.38	0.33	0.0	0.0	6.241	429.	50.	3.	756.6	29.7	1
779	10	536	37.8024	89.4297	-642.5	PPAB	1.56	0.44	0.38	0.0	0.0	4.067	514.	29.	5.	756.6	29.7	1
780	10	524	37.8024	89.4288	-641.5	PPAB	2.66	0.11	0.59	0.0	0.0	4.498	567.	23.	4.	758.1	29.7	1
781	10	516	37.8025	89.4281	-639.5	PPAB	2.77	0.67	0.52	0.0	0.0	5.328	709.	37.	4.	759.2	29.8	1
782	110	488	37.8025	89.4274	-637.7	PPAB	1.12	0.84	0.62	0.0	0.0	0.0	720.	37.	7.	758.1	29.8	1
783	10	452	37.8025	89.4265	-638.7	PPAB	2.29	0.66	0.35	0.0	0.0	6.485	619.	35.	8.	758.1	29.9	1
784	0	496	37.8025	89.4258	-637.0	PPAB	1.65	1.41	0.25	0.857	5.698	6.649	526.	41.	7.	758.7	30.0	1
785	10	492	37.8026	89.4250	-635.5	PPAB	2.42	1.05	0.42	0.0	0.0	5.820	637.	28.	8.	759.7	30.0	1
786	0	488	37.8026	89.4242	-636.0	PPAB	3.02	2.04	0.44	0.675	4.584	6.795	712.	34.	7.	759.7	30.0	1
787	10	484	37.8026	89.4234	-633.2	PPAB	4.93	0.02	0.74	0.0	0.0	6.665	837.	48.	7.	758.7	30.1	1
788	0	436	37.8026	89.4227	-631.2	PPAB	5.16	1.77	0.66	0.343	2.664	7.757	943.	33.	1.	758.7	30.1	1
789	0	416	37.8027	89.4219	-629.7	PPAB	4.83	1.59	0.80	0.328	1.970	5.999	1077.	42.	3.	758.7	30.1	1
790	10	428	37.8027	89.4211	-629.5	PPAB	6.93	0.83	1.19	0.0	0.0	5.813	1292.	44.	3.	758.7	30.2	1
791	0	448	37.8028	89.4204	-629.0	PPAB	7.41	1.61	1.01	0.217	1.598	7.355	1338.	48.	1.	759.7	30.2	1
792	0	456	37.8028	89.4196	-627.5	PPAB	3.50	2.43	0.84	0.694	2.893	4.167	1116.	39.	5.	758.1	30.2	1
793	10	468	37.8028	89.4188	-625.7	PPAB	3.77	1.45	0.37	0.0	0.0	10.321	705.	41.	8.	757.1	30.2	1
794	10	468	37.8028	89.4181	-625.0	PPAB	2.62	-0.26	0.29	0.0	0.0	9.026	386.	30.	12.	759.2	30.2	1
795	11	472	37.8029	89.4173	-624.5	PPAB	1.36	0.09	0.14	0.0	0.0	0.0	328.	29.	12.	760.7	30.2	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
796	10	476	37.8029	89.4165	-621.7	PPAB	2.49	-1.24	0.47	0.0	0.0	5.305	470.	42.	10.	759.7	30.2	1
797	10	480	37.8029	89.4158	-619.0	PPAB	3.18	0.69	0.54	0.0	0.0	5.923	734.	32.	6.	758.1	30.1	1
798	10	476	37.8030	89.4150	-617.2	PPAB	3.91	1.22	0.46	0.0	0.0	8.572	707.	40.	4.	759.2	30.1	1
799	10	484	37.8030	89.4142	-615.2	PPAB	2.53	0.80	0.25	0.0	0.0	10.032	593.	36.	9.	760.2	30.1	1
800	11	484	37.8030	89.4134	-614.7	PPAB	1.28	1.05	0.16	0.0	0.0	0.0	479.	27.	4.	759.2	30.1	1
801	10	484	37.8030	89.4127	-612.5	PPAB	3.22	-1.13	0.50	0.0	0.0	6.401	409.	51.	4.	758.7	30.1	1
802	10	484	37.8031	89.4118	-610.7	PPAB	3.36	-1.09	0.63	0.0	0.0	5.365	596.	44.	7.	759.7	30.1	1
803	10	488	37.8031	89.4111	-609.5	PPAB	3.24	1.10	0.57	0.0	0.0	5.722	795.	28.	6.	758.7	30.2	1
804	0	488	37.8032	89.4103	-608.5	PPAB	2.30	1.87	0.58	0.813	3.203	3.941	758.	38.	4.	758.7	30.2	1
805	10	492	37.8032	89.4095	-607.0	PPAB	3.67	-0.85	0.53	0.0	0.0	6.981	580.	52.	9.	759.7	30.2	1
806	10	496	37.8032	89.4088	-607.7	PPAB	3.14	-1.10	0.37	0.0	0.0	8.426	508.	46.	9.	759.7	30.2	1
807	10	500	37.8032	89.4080	-607.2	PPAB	2.52	0.72	0.46	0.0	0.0	5.434	519.	26.	6.	758.7	30.2	1
808	10	504	37.8033	89.4072	-607.0	PPAB	2.36	0.44	0.22	0.0	0.0	10.705	459.	42.	6.	759.7	30.2	1
809	10	508	37.8033	89.4064	-604.0	PPAB	2.14	0.64	0.64	0.0	0.0	3.357	578.	45.	4.	758.7	30.2	1
810	0	504	37.8033	89.4057	-596.5	PPAB	2.57	1.42	0.55	0.552	2.558	4.637	660.	38.	4.	758.7	30.2	1
811	10	484	37.8033	89.4049	-593.0	PPAB	4.24	1.09	0.67	0.0	0.0	6.320	852.	35.	0.	758.7	30.2	1
812	0	500	37.8034	89.4041	-594.2	PPAB	4.92	2.15	0.76	0.437	2.838	6.498	1035.	47.	0.	758.1	30.3	1
813	0	504	37.8034	89.4034	-593.2	PPAB	6.28	2.48	1.07	0.395	2.317	5.865	1174.	51.	2.	759.2	30.3	1
814	0	512	37.8035	89.4026	-590.5	PPAB	4.55	5.08	0.80	1.114	6.334	5.684	1347.	41.	0.	759.2	30.3	1
815	0	512	37.8035	89.4018	-588.5	PPAB	5.10	4.17	0.93	0.818	4.469	5.462	1496.	30.	3.	757.6	30.2	1
816	0	504	37.8035	89.4011	-585.7	PPAB	5.51	1.79	1.21	0.324	1.478	4.565	1537.	43.	5.	758.7	30.1	1
817	0	496	37.8035	89.4003	-582.7	PPAB	7.42	2.98	1.60	0.401	1.865	4.653	1668.	33.	6.	759.2	30.1	1
818	0	500	37.8036	89.3995	-579.7	PPAB	7.99	4.11	0.96	0.514	4.288	8.342	1624.	32.	3.	758.1	30.1	1
819	10	504	37.8036	89.3988	-577.5	PPAB	9.48	1.26	1.15	0.0	0.0	8.256	1582.	40.	5.	759.2	30.0	1
820	0	496	37.8037	89.3980	-575.7	PPAB	7.38	3.12	1.51	0.423	2.071	4.895	1760.	38.	5.	758.7	30.0	1
821	0	488	37.8037	89.3972	-572.5	PPAB	9.68	5.28	0.96	0.545	5.494	10.075	1689.	49.	1.	757.6	30.0	1
822	0	480	37.8037	89.3964	-570.5	PPAB	9.43	2.90	1.31	0.307	2.214	7.205	1688.	35.	0.	759.2	30.0	1
823	0	480	37.8037	89.3957	-568.7	PPS	6.58	3.43	1.06	0.521	3.226	6.186	1625.	41.	1.	759.2	30.1	1
824	0	480	37.8038	89.3949	-565.5	PPS	8.25	4.72	1.14	0.572	4.152	7.261	1668.	49.	0.	758.7	30.1	1
825	0	480	37.8038	89.3941	-563.0	PPS	8.70	2.27	1.29	0.261	1.767	6.763	1607.	38.	0.	759.7	30.1	1
826	0	476	37.8038	89.3933	-561.7	PPS	6.77	2.60	1.42	0.384	1.838	4.780	1642.	49.	0.	759.2	30.1	1
827	0	472	37.8038	89.3925	-559.2	PPS	9.49	3.16	1.07	0.333	2.948	8.848	1715.	38.	1.	759.2	30.1	1
828	0	472	37.8039	89.3918	-556.7	PPS	9.85	4.08	1.35	0.415	3.027	7.300	1705.	33.	0.	759.2	30.3	1
829	0	476	37.8039	89.3910	-554.5	PPS	8.97	2.37	1.35	0.264	1.755	6.644	1626.	30.	3.	758.1	30.2	1
830	0	484	37.8040	89.3902	-553.2	PPS	7.87	2.92	1.31	0.371	2.236	6.025	1687.	52.	6.	758.7	30.2	1
831	10	484	37.8040	89.3895	-549.2	PPS	8.58	0.97	1.31	0.0	0.0	6.567	1623.	34.	7.	758.7	30.3	1
832	0	476	37.8040	89.3887	-546.7	PPS	9.69	2.81	1.16	0.290	2.416	8.326	1692.	32.	4.	758.1	30.1	1
833	0	476	37.8040	89.3879	-544.5	PPS	7.22	2.90	1.40	0.401	2.073	5.170	1637.	41.	8.	758.1	30.2	1
834	0	476	37.8041	89.3872	-541.5	PPS	6.07	1.87	1.52	0.309	1.230	3.988	1607.	41.	8.	758.7	30.3	1
835	0	484	37.8041	89.3864	-539.2	PPS	5.82	3.22	1.17	0.554	2.751	4.966	1621.	39.	9.	758.7	30.3	1
836	0	484	37.8042	89.3856	-538.0	PPS	5.89	3.17	1.10	0.538	2.886	5.366	1546.	37.	7.	758.7	30.3	1
837	0	484	37.8042	89.3849	-534.7	PPS	6.62	2.33	1.22	0.352	1.905	5.418	1551.	44.	10.	758.1	30.3	1
838	0	488	37.8042	89.3841	-531.5	PPS	7.81	3.00	1.02	0.385	2.944	7.654	1718.	37.	8.	758.1	30.4	1
839	0	488	37.8042	89.3833	-529.5	PPS	9.17	2.46	1.22	0.268	2.015	7.523	1686.	43.	6.	758.7	30.3	1
840	0	492	37.8043	89.3826	-527.7	PPS	7.89	3.36	1.24	0.426	2.704	6.343	1676.	35.	5.	758.7	30.3	1
841	0	492	37.8043	89.3817	-525.2	PPS	9.77	2.97	1.22	0.304	2.430	7.985	1711.	25.	7.	758.1	30.2	1
842	0	492	37.8044	89.3810	-523.7	PPS	7.35	2.66	1.36	0.362	1.959	5.405	1744.	38.	4.	759.2	30.2	1
843	0	484	37.8044	89.3803	-521.0	PPS	8.27	3.41	1.36	0.412	2.502	6.072	1757.	27.	0.	759.2	30.2	1
844	0	480	37.8044	89.3794	-516.2	PPS	7.84	4.15	0.90	0.529	4.600	8.689	1712.	35.	2.	758.1	30.2	1
845	0	476	37.8044	89.3787	-512.7	PPS	5.98	2.27	1.35	0.380	1.682	4.426	1645.	35.	3.	758.1	30.1	1
846	0	476	37.8045	89.3779	-510.2	PPS	8.56	1.92	1.39	0.224	1.379	6.148	1708.	32.	0.	758.7	30.2	1
847	0	480	37.8045	89.3772	-510.0	PPS	9.72	4.65	1.23	0.478	3.777	7.895	1717.	36.	0.	758.7	30.1	1
848	0	484	37.8046	89.3763	-509.0	PPS	9.55	5.12	0.83	0.536	6.152	11.468	1704.	39.	1.	758.7	30.1	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
849	0	480	37.8046	89.3755	-506.0	PPS	9.68	2.01	1.28	0.207	1.564	7.542	1775.	26.	2.	758.7	30.1	1
850	0	480	37.8046	89.3748	-503.7	PPS	9.77	3.79	1.10	0.388	3.438	8.863	1826.	37.	4.	758.7	30.1	1
851	0	480	37.8046	89.3740	-500.5	PPS	12.00	2.72	0.91	0.227	2.988	13.169	1849.	43.	4.	758.7	30.1	1
852	10	476	37.8047	89.3732	-497.7	PPS	7.95	1.14	1.47	0.0	0.0	5.400	1705.	54.	8.	758.7	30.1	1
853	0	472	37.8047	89.3725	-494.5	PPS	9.51	3.65	1.03	0.384	3.539	9.222	1780.	34.	6.	759.2	30.1	1
854	0	468	37.8047	89.3717	-492.0	PPS	8.03	2.82	1.08	0.352	2.605	7.404	1762.	42.	8.	759.2	30.2	1
855	0	476	37.8047	89.3709	-489.2	PPS	9.01	2.52	1.39	0.279	1.812	6.486	1810.	44.	8.	758.7	30.1	1
856	10	476	37.8047	89.3702	-488.2	PPS	7.79	1.02	1.05	0.0	0.0	7.437	1741.	40.	11.	759.7	30.2	1
857	0	476	37.8048	89.3694	-485.2	PPS	7.05	2.92	1.44	0.414	2.029	4.903	1695.	39.	8.	760.2	30.1	1
858	10	480	37.8048	89.3686	-483.7	PPS	9.74	1.61	1.29	0.0	0.0	7.545	1723.	36.	11.	759.2	30.1	1
859	0	488	37.8049	89.3679	-480.2	PPS	7.19	2.77	1.07	0.385	2.581	6.698	1630.	31.	9.	758.7	30.1	1
860	0	460	37.8049	89.3671	-477.5	PPS	5.94	2.16	1.12	0.363	1.926	5.308	1497.	46.	12.	759.2	30.1	1
861	0	432	37.8049	89.3663	-474.7	PPS	6.20	2.40	1.05	0.388	2.293	5.909	1402.	39.	9.	759.2	30.1	1
862	10	416	37.8049	89.3656	-471.5	PPS	4.15	1.03	1.16	0.0	0.0	3.587	1391.	36.	11.	759.2	30.1	1
863	0	420	37.8050	89.3647	-469.7	PPS	6.49	3.27	0.93	0.504	3.514	6.974	1346.	29.	9.	759.2	30.1	1
864	10	428	37.8050	89.3640	-468.2	PPS	5.33	0.50	1.10	0.0	0.0	4.843	1411.	37.	11.	759.2	30.1	1
865	0	456	37.8051	89.3632	-465.2	PPS	7.65	2.47	1.21	0.323	2.040	6.317	1580.	35.	7.	759.2	30.2	1
866	10	500	37.8051	89.3625	-463.0	PPS	7.49	1.50	1.28	0.0	0.0	5.862	1688.	39.	9.	759.2	30.1	1
867	0	504	37.8051	89.3616	-460.5	PPS	7.54	3.41	1.23	0.452	2.763	6.111	1704.	41.	6.	759.2	30.1	1
868	0	496	37.8051	89.3609	-458.7	PPS	7.78	3.15	1.40	0.405	2.241	5.538	1683.	35.	3.	759.2	30.0	1
869	0	500	37.8052	89.3602	-455.2	PPS	8.64	2.79	1.04	0.323	2.689	8.318	1623.	49.	6.	759.2	30.0	1
870	10	508	37.8052	89.3593	-451.7	PPS	7.52	1.31	1.63	0.0	0.0	4.616	1661.	41.	8.	759.2	30.0	1
871	0	516	37.8052	89.3586	-450.7	PPS	7.48	2.59	1.23	0.346	2.100	6.068	1702.	45.	7.	758.1	30.0	1
872	0	524	37.8052	89.3578	-449.2	PPS	7.97	2.56	1.48	0.322	1.731	5.382	1645.	44.	7.	759.2	29.9	1
873	0	524	37.8053	89.3570	-446.2	PPS	6.19	2.15	1.31	0.347	1.639	4.728	1587.	54.	5.	759.7	29.8	1
874	0	532	37.8053	89.3563	-443.2	PPS	7.58	2.23	1.47	0.295	1.520	5.153	1606.	44.	6.	758.7	29.9	1
875	0	536	37.8054	89.3555	-440.7	QAL	9.69	2.30	1.47	0.237	1.563	6.593	1744.	41.	5.	758.7	29.9	1
876	0	532	37.8054	89.3547	-437.0	QAL	6.58	1.95	1.44	0.296	1.354	4.570	1674.	49.	5.	759.2	29.9	1
877	0	516	37.8054	89.3540	-434.5	QAL	9.45	3.24	1.50	0.343	2.155	6.283	1733.	42.	5.	759.2	29.9	1
878	0	508	37.8054	89.3532	-433.7	QAL	8.05	2.76	1.30	0.343	2.116	6.170	1656.	45.	2.	759.2	30.0	1
879	10	512	37.8055	89.3524	-431.0	QAL	7.32	1.57	1.36	0.0	0.0	5.381	1678.	44.	6.	759.7	29.9	1
880	0	508	37.8055	89.3517	-427.0	QAL	7.85	2.63	1.29	0.335	2.029	6.066	1687.	26.	6.	759.7	30.0	1
881	0	492	37.8055	89.3509	-425.0	PPS	7.42	2.37	1.16	0.319	2.044	6.404	1623.	41.	5.	759.2	30.1	1
882	0	484	37.8056	89.3501	-422.7	PPS	8.34	2.66	1.32	0.319	2.020	6.324	1666.	35.	5.	759.2	30.2	1
883	10	480	37.8056	89.3493	-421.0	PPS	5.01	1.47	1.46	0.0	0.0	3.422	1642.	49.	11.	759.7	30.2	1
884	0	480	37.8056	89.3486	-418.2	PPS	8.74	3.58	1.26	0.409	2.852	6.965	1758.	35.	7.	759.2	30.2	1
885	10	484	37.8057	89.3477	-417.0	PPS	9.43	0.40	1.63	0.0	0.0	5.778	1723.	37.	11.	759.2	30.2	1
886	0	484	37.8057	89.3470	-414.2	PPS	5.92	2.67	1.57	0.451	1.702	3.772	1702.	42.	10.	759.7	30.1	1
887	0	480	37.8057	89.3462	-412.7	PPS	7.25	4.17	1.46	0.576	2.865	4.977	1694.	36.	6.	759.7	30.1	1
888	0	480	37.8057	89.3455	-408.5	PPS	9.98	3.62	1.25	0.363	2.888	7.957	1767.	35.	5.	759.7	30.1	1
889	0	480	37.8058	89.3446	-405.5	PPS	7.99	4.14	1.29	0.518	3.219	6.210	1768.	41.	7.	760.2	30.0	1
890	0	484	37.8058	89.3439	-404.0	PPS	6.59	1.85	1.26	0.281	1.464	5.207	1602.	47.	8.	760.7	30.0	1
891	0	488	37.8059	89.3431	-401.5	PPS	7.58	2.95	1.30	0.389	2.259	5.813	1676.	46.	8.	760.7	30.0	1
892	0	476	37.8059	89.3423	-399.0	PPS	6.03	4.55	1.53	0.755	2.977	3.944	1727.	50.	3.	760.2	30.0	1
893	0	472	37.8059	89.3416	-396.5	PPS	8.27	2.00	1.36	0.242	1.474	6.095	1732.	37.	7.	760.7	30.0	1
894	0	464	37.8059	89.3408	-394.2	PPS	9.98	2.97	1.37	0.297	2.165	7.280	1749.	36.	3.	760.2	30.0	1
895	0	464	37.8060	89.3400	-391.2	PPS	7.95	2.77	1.42	0.349	1.955	5.604	1751.	37.	5.	760.2	30.0	1
896	10	456	37.8060	89.3393	-388.5	PPS	7.43	1.08	1.50	0.0	0.0	4.956	1604.	60.	7.	761.2	30.0	1
897	0	456	37.8060	89.3385	-385.7	PPS	7.27	4.24	1.00	0.583	4.227	7.246	1676.	42.	4.	760.2	30.0	1
898	10	456	37.8061	89.3377	-381.5	PPS	8.03	1.49	1.33	0.0	0.0	6.047	1715.	33.	8.	761.2	30.0	1
899	0	456	37.8061	89.3370	-380.0	PPS	9.11	3.30	1.06	0.362	3.111	8.593	1718.	44.	1.	761.8	30.0	1
900	0	456	37.8061	89.3362	-378.5	PPS	5.61	2.29	1.25	0.408	1.838	4.506	1640.	41.	6.	759.7	30.0	1
901	0	456	37.8062	89.3354	-376.5	PPS	7.65	3.21	1.01	0.419	3.185	7.603	1649.	36.	2.	760.7	30.0	1

CP9 IP12
CP9 IP12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
902	0	456	37.8062	89.3346	-374.5	PPS	8.97	2.55	1.43	0.285	1.780	6.254	1644.	39.	4.	760.7	30.1	1
903	0	460	37.8062	89.3339	-371.2	PPS	7.62	1.84	1.16	0.242	1.588	6.562	1587.	45.	7.	759.2	30.1	1
904	0	468	37.8062	89.3331	-369.0	PPS	7.88	2.24	1.37	0.284	1.632	5.750	1627.	49.	2.	761.2	30.1	1
905	0	472	37.8063	89.3324	-366.7	PPS	7.11	2.92	1.40	0.411	2.083	5.070	1627.	38.	5.	761.2	30.1	1
906	0	472	37.8063	89.3315	-364.0	PPS	7.56	3.32	1.12	0.439	2.972	6.773	1647.	29.	1.	759.2	30.1	1
907	0	472	37.8064	89.3308	-360.5	PPS	6.40	2.94	1.26	0.459	2.333	5.085	1589.	43.	4.	761.2	30.0	1
908	0	472	37.8064	89.3300	-358.7	PPS	4.34	4.13	1.27	0.953	3.243	3.402	1657.	41.	1.	760.7	30.0	1
909	0	476	37.8064	89.3292	-357.7	PPS	6.30	2.11	1.39	0.335	1.515	4.525	1688.	33.	2.	758.7	30.0	1
910	0	484	37.8064	89.3285	-355.5	PPS	6.74	4.30	1.28	0.638	3.364	5.269	1757.	36.	1.	760.7	30.1	1
911	0	484	37.8065	89.3277	-354.7	PPS	7.69	2.46	1.56	0.321	1.580	4.930	1782.	33.	3.	760.7	30.1	1
912	0	496	37.8065	89.3269	-352.2	PPS	7.71	1.77	1.60	0.229	1.101	4.803	1767.	32.	2.	759.2	30.1	1
913	0	504	37.8065	89.3261	-349.2	PPS	5.87	3.67	1.57	0.624	2.328	3.729	1732.	52.	3.	761.2	30.1	1
914	0	508	37.8065	89.3254	-347.5	PPS	5.84	3.90	1.69	0.668	2.304	3.448	1713.	41.	2.	760.2	30.1	1
915	0	508	37.8066	89.3246	-344.5	PPS	6.69	5.35	1.38	0.800	3.875	4.846	1756.	46.	1.	758.1	30.0	1
916	10	508	37.8066	89.3238	-342.0	PPS	8.96	0.79	1.58	0.0	0.0	5.667	1706.	32.	4.	759.7	30.0	1
917	0	496	37.8066	89.3231	-340.2	PPS	6.32	3.33	1.58	0.526	2.111	4.010	1642.	40.	6.	760.7	30.0	1
918	0	496	37.8066	89.3223	-339.7	PPS	6.08	3.06	1.29	0.504	2.383	4.728	1542.	49.	1.	759.2	30.0	1
919	0	492	37.8066	89.3216	-338.7	PPS	6.10	2.54	1.20	0.415	2.115	5.092	1613.	43.	3.	759.2	29.9	1
920	0	488	37.8066	89.3208	-335.7	PPS	4.88	3.47	1.07	0.710	3.231	4.548	1472.	43.	3.	760.7	30.0	1
921	0	468	37.8067	89.3201	-333.7	PPS	4.64	2.75	1.34	0.593	2.055	3.468	1358.	50.	2.	759.7	30.0	1
922	0	484	37.8066	89.3193	-332.2	PPS	6.65	3.00	1.03	0.452	2.915	6.455	1394.	39.	2.	759.2	30.0	1
923	0	500	37.8066	89.3186	-330.7	PPS	4.96	2.81	1.47	0.567	1.915	3.377	1588.	41.	5.	761.2	30.1	1
924	0	484	37.8066	89.3179	-327.5	PPS	5.60	1.89	1.57	0.337	1.203	3.568	1516.	41.	5.	760.7	30.1	1
925	10	480	37.8066	89.3172	-326.0	PPS	6.89	0.95	1.57	0.0	0.0	4.401	1461.	50.	3.	758.7	30.0	1
926	0	476	37.8066	89.3163	-322.5	PPS	5.14	2.02	1.49	0.392	1.353	3.448	1508.	52.	4.	760.7	30.0	1
927	0	472	37.8065	89.3156	-320.5	PPS	4.52	2.92	1.48	0.646	1.977	3.060	1470.	43.	4.	761.8	30.1	1
928	0	472	37.8065	89.3149	-317.7	PPS	4.23	2.42	1.29	0.571	1.879	3.288	1508.	46.	6.	759.7	30.1	1
929	0	464	37.8065	89.3142	-315.0	PPS	5.32	3.27	1.18	0.615	2.781	4.523	1522.	44.	1.	758.7	30.1	1
930	0	456	37.8065	89.3134	-314.0	PPS	5.33	2.58	1.33	0.484	1.930	3.991	1568.	37.	5.	760.7	30.2	1
931	0	456	37.8065	89.3127	-311.7	PPS	6.07	1.79	1.58	0.294	1.133	3.850	1547.	48.	6.	761.8	30.1	1
932	10	456	37.8065	89.3120	-308.2	PPS	8.42	1.38	1.55	0.0	0.0	5.422	1594.	32.	6.	759.7	30.2	1
933	10	456	37.8065	89.3112	-307.2	PPS	5.78	0.43	1.45	0.0	0.0	3.973	1512.	42.	7.	759.2	30.2	1
934	0	456	37.8065	89.3105	-305.5	PPS	5.85	3.13	1.35	0.534	2.315	4.335	1519.	30.	4.	760.7	30.2	1
935	10	460	37.8065	89.3097	-301.2	PPS	7.04	1.11	1.40	0.0	0.0	5.034	1474.	46.	6.	761.8	30.2	1
936	0	472	37.8065	89.3090	-299.2	PPS	6.29	1.97	1.33	0.313	1.480	4.726	1469.	40.	6.	759.7	30.3	1
937	0	480	37.8065	89.3082	-298.2	PPS	5.02	1.63	1.73	0.325	0.943	2.903	1461.	34.	9.	758.7	30.3	1
938	0	488	37.8065	89.3075	-295.7	PPS	7.48	2.02	1.49	0.270	1.355	5.020	1570.	31.	3.	759.7	30.3	1
939	0	492	37.8065	89.3067	-293.2	PPS	7.46	2.15	1.24	0.288	1.733	6.024	1460.	41.	4.	761.8	30.3	1
940	0	484	37.8065	89.3060	-291.2	PPS	7.41	2.33	1.44	0.315	1.620	5.149	1525.	42.	4.	760.7	30.3	1
941	10	488	37.8064	89.3053	-288.2	PPS	6.76	0.37	1.56	0.0	0.0	4.330	1524.	48.	7.	758.7	30.3	1
942	10	492	37.8064	89.3045	-286.5	PPS	6.68	0.54	1.54	0.0	0.0	4.333	1554.	34.	9.	758.7	30.2	1
943	0	488	37.8064	89.3038	-285.0	PPS	4.33	2.08	1.50	0.480	1.384	2.881	1465.	55.	11.	760.7	30.2	1
944	10	488	37.8064	89.3031	-281.5	PPS	5.60	1.45	1.28	0.0	0.0	4.362	1442.	38.	11.	760.7	30.2	1
945	10	484	37.8064	89.3023	-280.5	PPS	5.19	0.99	1.36	0.0	0.0	3.812	1462.	42.	11.	759.7	30.3	1
946	10	480	37.8064	89.3016	-278.2	PPS	6.34	-0.48	1.31	0.0	0.0	4.831	1516.	45.	12.	759.7	30.2	1
947	0	484	37.8064	89.3009	-275.5	PPS	3.62	3.05	1.43	0.842	2.130	2.531	1608.	21.	9.	758.7	30.5	1
948	10	484	37.8064	89.3000	-273.2	PPS	6.31	1.00	1.18	0.0	0.0	5.360	1425.	52.	10.	759.7	31.4	1
949	0	488	37.8064	89.2993	-272.7	PPS	5.24	2.05	1.22	0.391	1.680	4.295	1543.	48.	12.	760.2	31.9	1
950	10	488	37.8063	89.2986	-270.2	QAL	6.33	1.09	1.50	0.0	0.0	4.234	1497.	36.	9.	759.2	31.5	1
951	10	492	37.8063	89.2979	-267.2	QAL	6.21	1.04	1.59	0.0	0.0	3.915	1480.	52.	7.	758.1	30.5	1
952	10	504	37.8063	89.2971	-266.0	QAL	7.27	-0.06	1.32	0.0	0.0	5.512	1430.	44.	8.	759.2	30.2	1
953	10	508	37.8063	89.2964	-266.0	QAL	6.45	1.54	1.60	0.0	0.0	4.024	1573.	43.	9.	760.7	30.3	1
954	0	508	37.8063	89.2957	-264.0	QAL	4.84	2.15	1.47	0.446	1.470	3.298	1469.	49.	7.	760.7	30.3	1

CP 9 IP 12

* TAGS *			LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
955	10	504	37.8062	89.2949	-260.0		QAL	5.72	1.42	1.53	0.0	0.0	3.736	1391.	35.	4.	759.7	30.3	1
956	0	524	37.8063	89.2942	-257.5		QAL	5.99	1.97	1.09	0.328	1.803	5.490	1446.	61.	4.	758.7	30.1	1
957	0	536	37.8063	89.2934	-256.2		QAL	5.31	2.79	0.87	0.524	3.215	6.130	1512.	31.	7.	758.7	30.3	1
958	0	552	37.8063	89.2927	-255.7		QAL	5.58	2.32	1.31	0.417	1.779	4.272	1507.	34.	4.	758.7	31.2	1
959	0	544	37.8062	89.2920	-253.5		QAL	6.03	2.45	1.31	0.406	1.869	4.598	1494.	43.	5.	760.7	31.5	1
960	0	524	37.8062	89.2912	-251.7		QAL	3.78	3.17	1.34	0.836	2.363	2.825	1448.	44.	7.	759.7	31.3	1
961	10	520	37.8062	89.2904	-249.7		PPS	7.60	1.36	1.49	0.0	0.0	5.102	1414.	47.	6.	758.7	31.4	1
962	0	516	37.8062	89.2897	-248.2		PPS	6.95	3.16	1.44	0.454	2.193	4.830	1438.	30.	2.	760.7	31.4	1
963	10	508	37.8062	89.2890	-248.7		PPS	5.66	1.26	1.50	0.0	0.0	3.773	1381.	38.	8.	761.2	31.4	1
964	10	500	37.8062	89.2882	-246.2		PPS	7.69	1.07	1.89	0.0	0.0	4.077	1557.	42.	8.	759.2	31.4	1
965	0	492	37.8062	89.2875	-242.2		PPS	5.74	1.72	1.45	0.300	1.182	3.946	1493.	45.	4.	759.2	31.3	1
966	10	484	37.8062	89.2868	-239.5		PPS	5.88	1.12	1.55	0.0	0.0	3.787	1429.	39.	6.	761.2	31.4	1
967	0	480	37.8062	89.2860	-238.2		PPS	3.96	3.38	1.21	0.852	2.793	3.276	1381.	34.	2.	761.2	31.5	1
968	10	464	37.8061	89.2853	-240.0		PPS	5.91	-0.19	1.34	0.0	0.0	4.414	1332.	58.	6.	759.7	31.4	1
969	0	472	37.8061	89.2846	-240.0		PPS	5.45	2.26	1.31	0.414	1.719	4.156	1354.	43.	2.	760.7	31.4	1
970	0	516	37.8061	89.2838	-237.7		PPS	6.26	1.76	1.64	0.281	1.074	3.816	1479.	56.	0.	761.8	31.3	1
971	10	520	37.8061	89.2831	-234.5		PPS	7.74	0.26	1.19	0.0	0.0	6.477	1429.	36.	3.	759.7	31.5	1
972	10	464	37.8061	89.2823	-234.0		QAL	5.88	1.22	1.23	0.0	0.0	4.783	1364.	39.	4.	758.7	31.2	1
973	0	456	37.8061	89.2816	-233.7		QAL	5.91	1.82	1.08	0.308	1.693	5.488	1303.	48.	3.	760.7	30.3	1
974	0	452	37.8061	89.2808	-232.0		QAL	3.40	2.92	1.55	0.857	1.884	2.198	1443.	31.	4.	761.8	30.1	1
975	10	460	37.8061	89.2801	-230.2		QAL	7.43	0.33	1.66	0.0	0.0	4.466	1485.	52.	8.	761.8	30.3	1
976	0	468	37.8061	89.2794	-232.2		QAL	3.40	2.76	1.45	0.813	1.911	2.351	1569.	36.	10.	761.8	30.2	1
977	10	476	37.8061	89.2786	-231.0		QAL	6.74	0.81	1.48	0.0	0.0	4.545	1560.	45.	7.	760.7	30.3	1
978	0	484	37.8060	89.2778	-228.0		QAL	6.95	2.59	1.39	0.372	1.867	5.013	1617.	35.	9.	759.2	30.2	1
979	0	488	37.8060	89.2771	-230.0		PPS	6.06	2.85	1.27	0.471	2.244	4.767	1562.	37.	7.	759.2	30.3	1
980	10	488	37.8060	89.2764	-230.2		PPS	6.04	1.32	1.50	0.0	0.0	4.023	1584.	42.	10.	759.7	31.1	1
981	10	480	37.8060	89.2757	-227.2		PPS	6.78	1.27	1.65	0.0	0.0	4.103	1469.	46.	10.	759.7	31.6	1
982	0	480	37.8060	89.2750	-226.7		PPS	4.68	1.70	1.35	0.363	1.253	3.455	1598.	38.	10.	760.7	31.4	1
983	0	484	37.8060	89.2742	-224.5		PPS	6.20	4.11	1.45	0.663	2.836	4.277	1654.	28.	5.	760.7	31.3	1
984	0	480	37.8060	89.2734	-219.0		PPS	7.21	2.44	1.58	0.339	1.550	4.573	1600.	36.	6.	759.7	31.4	1
985	0	480	37.8060	89.2727	-216.5		PPS	7.00	2.14	1.36	0.306	1.570	5.133	1533.	43.	3.	759.7	31.1	1
986	10	476	37.8060	89.2720	-221.5		PPS	6.63	1.26	1.45	0.0	0.0	4.568	1583.	45.	5.	759.7	30.2	1
987	0	480	37.8059	89.2712	-225.7		PPS	5.26	2.94	1.49	0.559	1.979	3.541	1563.	41.	4.	758.7	30.0	1
988	0	480	37.8059	89.2705	-225.2		PPS	7.37	4.07	1.59	0.552	2.564	4.642	1775.	36.	0.	759.7	30.1	1
989	0	480	37.8059	89.2697	-225.2		PPS	5.38	2.30	1.53	0.428	1.505	3.519	1543.	44.	2.	760.7	30.0	1
990	0	476	37.8059	89.2690	-226.5		PPS	6.26	2.81	1.27	0.449	2.210	4.923	1651.	32.	3.	759.7	30.1	1
991	10	472	37.8059	89.2682	-225.0		PPS	9.26	0.09	1.28	0.0	0.0	7.235	1608.	35.	3.	759.7	30.1	1
992	0	468	37.8059	89.2675	-223.7		PPS	6.21	2.60	1.40	0.419	1.861	4.441	1533.	45.	5.	760.7	30.1	1
993	0	464	37.8059	89.2668	-221.5		PPS	6.29	3.43	1.27	0.545	2.699	4.949	1512.	41.	0.	760.7	30.2	1
994	0	460	37.8059	89.2661	-218.2		PPS	6.62	2.89	1.65	0.437	1.752	4.005	1514.	32.	2.	760.7	30.0	1
995	0	456	37.8059	89.2654	-217.7		PPS	4.76	1.80	1.57	0.379	1.147	3.030	1578.	53.	3.	760.7	30.2	1
996	0	456	37.8058	89.2645	-219.2		PPS	5.10	3.86	1.15	0.758	3.347	4.417	1575.	34.	2.	762.8	31.2	1
997	0	456	37.8058	89.2638	-220.7		PPS	6.62	3.43	1.50	0.518	2.290	4.422	1562.	41.	0.	762.8	31.4	1
998	0	456	37.8058	89.2631	-222.0		PPS	8.59	1.98	1.35	0.230	1.460	6.343	1527.	48.	0.	760.7	31.3	1
999	0	460	37.8058	89.2623	-221.7		PPS	6.40	2.67	1.32	0.418	2.030	4.859	1552.	56.	0.	760.2	31.3	1
1000	0	464	37.8058	89.2616	-221.0		PPS	5.18	3.73	1.42	0.721	2.632	3.649	1578.	39.	1.	759.7	31.1	1
1001	0	464	37.8058	89.2608	-222.0		PPS	5.99	2.46	1.44	0.410	1.702	4.146	1678.	33.	0.	759.7	31.4	1
1002	0	468	37.8058	89.2601	-224.0		PPS	6.16	2.65	1.59	0.429	1.666	3.879	1629.	50.	1.	760.7	31.2	1
1003	0	468	37.8058	89.2594	-223.5		PPS	5.01	4.23	1.18	0.845	3.575	4.233	1533.	43.	5.	761.8	30.3	1
1004	10	472	37.8058	89.2586	-223.2		PPS	7.13	1.11	1.24	0.0	0.0	5.774	1663.	38.	8.	761.8	30.0	1
1005	0	480	37.8057	89.2579	-225.2		PPS	5.23	2.04	1.74	0.391	1.177	3.012	1689.	44.	10.	760.7	30.2	1
1006	0	476	37.8057	89.2572	-225.7		PPS	6.17	1.69	1.40	0.274	1.207	4.411	1608.	32.	6.	760.7	30.1	1
1007	0	472	37.8057	89.2564	-225.0		PPS	4.28	2.88	1.56	0.673	1.844	2.741	1536.	34.	3.	761.8	30.2	1

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1008	0	468	37.8057	89.2557	-224.0	PPS	4.49	1.59	1.28	0.354	1.243	3.510	1556.	44.	11.	761.8	30.2	1
1009	10	468	37.8057	89.2549	-224.2	PPS	6.02	1.30	1.56	0.0	0.0	3.848	1469.	44.	9.	760.2	30.1	1
1010	0	480	37.8057	89.2542	-227.5	PPS	6.75	3.94	1.28	0.583	3.073	5.271	1556.	30.	3.	760.2	30.2	1
1011	0	480	37.8057	89.2534	-228.2	PPS	2.81	1.61	1.54	0.573	1.050	1.832	1456.	36.	8.	760.2	30.2	1
1012	10	480	37.8057	89.2527	-226.2	PPS	5.85	0.03	1.71	0.0	0.0	3.428	1518.	36.	12.	759.7	30.1	1
1013	10	476	37.8057	89.2520	-226.5	PPS	5.76	1.09	1.30	0.0	0.0	4.439	1516.	40.	12.	759.7	30.2	1
1014	10	476	37.8057	89.2512	-227.7	PPS	5.81	1.03	1.45	0.0	0.0	4.003	1351.	44.	13.	759.7	30.2	1
1015	0	480	37.8056	89.2505	-227.0	PPS	4.09	2.06	1.34	0.503	1.535	3.050	1321.	34.	12.	759.7	30.2	1
1016	10	468	37.8056	89.2498	-227.0	PPS	5.53	1.43	1.43	0.0	0.0	3.873	1402.	32.	13.	760.7	30.2	1
1017	10	460	37.8056	89.2490	-228.0	PPS	5.41	0.11	1.35	0.0	0.0	4.001	1409.	46.	13.	759.7	30.1	1
1018	10	420	37.8056	89.2482	-229.7	PPS	5.43	1.45	1.23	0.0	0.0	4.416	1362.	43.	10.	759.7	30.1	1
1019	10	420	37.8056	89.2475	-229.2	PPS	4.07	0.78	1.09	0.0	0.0	3.728	1329.	35.	11.	761.2	30.1	1
1020	10	452	37.8056	89.2468	-229.2	PPS	6.24	0.18	1.55	0.0	0.0	4.019	1469.	33.	9.	761.2	30.1	1
1021	10	448	37.8056	89.2460	-231.0	PPS	4.21	1.24	1.66	0.0	0.0	2.530	1475.	44.	11.	760.7	30.1	1
1022	10	448	37.8056	89.2453	-231.2	PPS	5.60	0.56	1.44	0.0	0.0	3.889	1551.	48.	8.	761.8	30.2	1
1023	0	432	37.8056	89.2445	-231.2	PPS	3.90	4.25	1.38	1.091	3.089	2.831	1473.	40.	5.	761.8	30.1	1
1024	10	452	37.8055	89.2438	-232.0	PPS	5.19	1.05	1.35	0.0	0.0	3.837	1521.	26.	10.	761.8	30.2	1
1025	0	448	37.8055	89.2431	-232.5	QAL	4.99	1.59	1.22	0.318	1.301	4.087	1340.	42.	12.	761.8	30.2	1
1026	0	444	37.8055	89.2423	-233.5	QAL	4.93	1.81	1.18	0.368	1.537	4.181	1296.	38.	8.	761.8	30.2	1
1027	0	452	37.8055	89.2416	-235.0	QAL	7.18	2.78	0.90	0.388	3.082	7.950	1310.	51.	4.	761.8	30.3	1
1028	0	464	37.8055	89.2409	-235.5	QAL	6.24	1.94	1.26	0.310	1.533	4.939	1274.	48.	5.	761.8	30.3	1
1029	0	472	37.8055	89.2402	-237.0	QAL	5.86	2.96	0.75	0.504	3.940	7.811	1313.	31.	5.	761.2	30.3	1
1030	10	488	37.8055	89.2394	-237.7	QAL	5.53	-0.18	1.21	0.0	0.0	4.569	1255.	33.	4.	761.2	30.3	1
1031	0	492	37.8055	89.2386	-237.2	QAL	4.99	2.64	1.18	0.529	2.230	4.219	1312.	37.	1.	760.2	30.3	1
1032	0	528	37.8055	89.2379	-238.2	QAL	5.24	2.44	1.19	0.466	2.056	4.416	1487.	30.	0.	758.7	30.3	1
1033	0	532	37.8054	89.2372	-238.2	QAL	8.48	4.34	1.04	0.512	4.174	8.152	1524.	36.	0.	758.7	30.2	1
1034	0	532	37.8054	89.2364	-239.5	QAL	9.85	3.65	1.26	0.370	2.906	7.848	1641.	34.	0.	759.7	30.2	1
1035	0	536	37.8055	89.2357	-240.7	QAL	5.32	3.06	1.62	0.575	1.888	3.285	1561.	33.	0.	760.7	30.2	1
1036	0	528	37.8055	89.2349	-241.0	QAL	6.31	2.88	1.39	0.457	2.075	4.546	1521.	36.	0.	761.8	30.2	1
1037	0	524	37.8055	89.2342	-240.7	QAL	6.21	2.78	1.20	0.448	2.311	5.161	1432.	35.	2.	760.7	30.2	1
1038	0	520	37.8054	89.2335	-240.0	QAL	4.59	1.63	1.36	0.355	1.202	3.382	1420.	26.	4.	758.7	30.2	1
1039	0	520	37.8054	89.2327	-241.7	QAL	6.53	2.53	1.04	0.388	2.434	6.276	1322.	46.	4.	759.7	30.3	1
1040	0	524	37.8054	89.2320	-241.7	QAL	5.58	1.99	1.12	0.357	1.783	4.999	1340.	32.	7.	759.7	30.3	1
1041	10	528	37.8054	89.2312	-240.0	QAL	7.64	0.72	1.29	0.0	0.0	5.915	1425.	23.	4.	759.7	30.3	1
1042	10	496	37.8054	89.2305	-239.5	QAL	4.08	1.04	1.12	0.0	0.0	3.637	1269.	39.	8.	759.7	30.3	1
1043	0	480	37.8054	89.2298	-242.2	QAL	6.62	2.29	0.90	0.346	2.535	7.321	1336.	29.	4.	760.7	30.3	1
1044	10	512	37.8054	89.2290	-241.5	PPS	5.56	1.30	1.22	0.0	0.0	4.559	1380.	46.	5.	761.2	30.3	1
1045	10	512	37.8054	89.2282	-240.7	PPS	7.75	0.90	1.21	0.0	0.0	6.409	1492.	45.	4.	760.2	30.3	1
1046	0	520	37.8054	89.2275	-242.5	PPS	5.51	1.68	1.63	0.306	1.035	3.387	1550.	43.	5.	759.2	30.3	1
1047	0	516	37.8053	89.2268	-243.5	PPS	6.28	1.96	1.11	0.313	1.774	5.676	1468.	31.	8.	759.7	30.2	1
1048	0	516	37.8053	89.2260	-241.7	PPS	6.67	1.69	1.27	0.254	1.332	5.245	1454.	41.	4.	760.7	30.2	1
1049	0	512	37.8053	89.2253	-243.0	PPS	3.71	4.16	1.23	1.121	3.379	3.015	1408.	37.	5.	760.7	30.2	1
1050	10	500	37.8053	89.2246	-243.2	PPS	7.95	1.68	1.17	0.0	0.0	6.816	1375.	34.	6.	760.7	30.3	1
1051	0	508	37.8053	89.2239	-244.5	PPS	7.78	3.09	1.06	0.397	2.912	7.335	1429.	36.	5.	759.7	30.2	1
1052	0	516	37.8053	89.2231	-244.2	PPS	5.20	1.68	1.25	0.324	1.351	4.174	1426.	53.	5.	759.7	30.3	1
1053	0	508	37.8053	89.2224	-245.5	PPS	6.18	3.57	1.11	0.577	3.213	5.571	1366.	55.	1.	760.7	30.2	1
1054	10	500	37.8053	89.2216	-246.5	PPS	7.43	1.36	1.37	0.0	0.0	5.435	1471.	31.	1.	761.2	30.2	1
1055	0	492	37.8053	89.2209	-246.5	PPS	7.54	2.04	1.33	0.271	1.533	5.660	1537.	30.	4.	761.8	30.2	1
1056	10	492	37.8052	89.2202	-246.2	PPS	8.81	0.65	1.16	0.0	0.0	7.582	1520.	44.	6.	760.7	30.2	1
1057	0	488	37.8052	89.2194	-247.7	PPS	7.09	2.45	1.13	0.345	2.158	6.258	1461.	46.	2.	759.7	30.2	1
1058	0	488	37.8052	89.2186	-248.0	PPS	6.89	3.50	1.42	0.507	2.456	4.842	1514.	38.	5.	760.7	30.1	1
1059	0	488	37.8052	89.2179	-249.5	PPS	6.33	2.23	1.37	0.353	1.631	4.626	1546.	42.	4.	761.8	30.2	1
1060	0	492	37.8052	89.2172	-251.2	PPS	4.97	3.39	1.05	0.681	3.226	4.735	1452.	45.	4.	761.2	30.3	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1061	0	492	37.8052	89.2164	-251.0	PPS	6.46	2.55	1.03	0.395	2.465	6.246	1477.	39.	8.	760.2	30.3	1
1062	10	488	37.8052	89.2157	-251.2	PPS	6.88	0.35	1.26	0.0	0.0	5.438	1436.	47.	10.	760.2	30.3	1
1063	0	464	37.8052	89.2150	-254.0	PPS	6.60	1.66	1.24	0.252	1.339	5.308	1382.	27.	10.	762.3	30.2	1
1064	10	452	37.8052	89.2143	-253.5	PPS	9.66	-0.40	0.95	0.0	0.0	10.195	1404.	37.	11.	762.3	30.2	1
1065	10	452	37.8052	89.2134	-253.5	PPS	7.91	0.04	1.31	0.0	0.0	6.036	1434.	43.	14.	760.2	30.1	1
1066	10	452	37.8051	89.2127	-255.0	QAL	7.99	-0.45	1.22	0.0	0.0	6.550	1435.	29.	13.	760.2	30.2	1
1067	10	448	37.8051	89.2120	-256.0	QAL	5.76	0.31	1.20	0.0	0.0	4.815	1370.	40.	12.	762.3	30.2	1
1068	10	432	37.8051	89.2112	-257.2	QAL	8.10	0.86	0.92	0.0	0.0	8.762	1286.	35.	12.	761.8	30.3	1
1069	10	440	37.8051	89.2105	-260.2	QAL	6.59	-0.09	1.26	0.0	0.0	5.207	1292.	33.	12.	759.7	30.3	1
1070	10	448	37.8051	89.2097	-261.2	QAL	4.49	1.13	1.17	0.0	0.0	3.842	1304.	45.	10.	759.7	30.4	1
1071	10	448	37.8051	89.2090	-261.5	QAL	7.42	0.53	0.81	0.0	0.0	9.141	1246.	45.	6.	761.8	30.4	1
1072	10	472	37.8051	89.2083	-261.2	QAL	7.68	0.97	0.98	0.0	0.0	7.868	1247.	41.	9.	762.3	30.5	1
1073	0	460	37.8051	89.2076	-261.7	QAL	4.92	3.54	0.65	0.720	5.472	7.602	1192.	46.	2.	760.2	30.4	1
1074	10	448	37.8051	89.2068	-262.5	QT-1	5.78	-0.06	0.91	0.0	0.0	6.365	1160.	34.	4.	759.2	30.4	1
1075	0	452	37.8050	89.2061	-264.0	QT-1	5.62	1.51	1.06	0.268	1.417	5.290	1188.	38.	3.	760.2	30.4	1
1076	10	464	37.8050	89.2054	-264.7	QT-1	5.65	0.79	0.90	0.0	0.0	6.250	1244.	48.	3.	761.2	30.4	1
1077	0	472	37.8050	89.2046	-267.0	QT-1	5.43	1.96	0.95	0.361	2.062	5.717	1251.	48.	2.	761.2	30.4	1
1078	0	468	37.8050	89.2038	-267.0	QT-1	8.07	2.33	1.13	0.288	2.053	7.127	1345.	32.	2.	760.2	30.3	1
1079	0	468	37.8050	89.2031	-266.5	QT-1	4.97	1.70	1.51	0.342	1.125	3.286	1302.	38.	3.	759.2	30.3	1
1080	0	500	37.8050	89.2023	-268.0	QT-1	6.26	2.68	1.34	0.428	2.005	4.684	1459.	31.	5.	760.2	30.2	1
1081	0	500	37.8050	89.2016	-270.0	PPCA-1	6.33	3.18	1.43	0.502	2.222	4.423	1586.	34.	4.	761.2	30.2	1
1082	0	496	37.8050	89.2009	-269.2	PPCA-1	6.78	2.06	1.62	0.304	1.270	4.182	1609.	40.	1.	760.2	30.2	1
1083	0	496	37.8050	89.2001	-272.0	PPCA-1	6.76	2.03	1.50	0.301	1.356	4.504	1579.	36.	5.	760.2	30.2	1
1084	0	500	37.8049	89.1994	-273.5	PPCA-1	3.82	3.81	1.39	0.997	2.748	2.757	1584.	31.	4.	761.2	30.2	1
1085	0	508	37.8049	89.1987	-273.2	PPCA-1	6.18	3.98	1.53	0.645	2.600	4.032	1577.	56.	4.	761.2	30.1	1
1086	0	508	37.8049	89.1980	-274.7	PPCA-1	6.63	1.94	1.46	0.293	1.328	4.540	1619.	39.	5.	759.7	30.1	1
1087	0	508	37.8049	89.1972	-276.2	PPCA-1	6.09	3.61	1.47	0.592	2.457	4.151	1608.	39.	1.	759.7	30.1	1
1088	0	504	37.8049	89.1964	-277.7	PPCA-1	7.31	2.43	1.54	0.333	1.583	4.752	1658.	37.	2.	761.8	30.1	1
1089	0	504	37.8049	89.1957	-278.5	PPCA-1	6.85	2.13	1.49	0.311	1.428	4.595	1656.	33.	8.	761.8	30.1	1
1090	10	500	37.8049	89.1950	-280.5	PPCA-1	7.16	1.46	1.60	0.0	0.0	4.485	1585.	51.	6.	759.2	30.2	1
1091	10	488	37.8049	89.1942	-281.0	PPCA-1	8.23	1.73	1.52	0.0	0.0	5.422	1597.	28.	10.	760.2	30.2	1
1092	10	480	37.8049	89.1934	-280.2	PPCA-1	6.36	0.95	1.62	0.0	0.0	3.930	1591.	38.	7.	762.3	30.3	1
1093	10	496	37.8048	89.1927	-282.0	PPCA-1	7.58	0.63	1.45	0.0	0.0	5.212	1601.	48.	9.	760.7	30.2	1
1094	0	496	37.8048	89.1920	-283.2	PPCA-1	7.07	2.41	1.35	0.340	1.785	5.246	1652.	46.	4.	759.7	30.3	1
1095	0	492	37.8048	89.1913	-285.7	PPCA-1	6.80	3.59	1.57	0.528	2.291	4.335	1710.	35.	6.	761.8	30.2	1
1096	0	484	37.8048	89.1905	-287.0	PPCA-1	6.15	3.16	1.43	0.514	2.210	4.297	1697.	34.	7.	761.8	30.2	1
1097	0	484	37.8048	89.1898	-287.0	PPCA-1	6.42	3.49	1.77	0.544	1.969	3.620	1716.	43.	5.	759.7	30.1	1
1098	0	480	37.8048	89.1891	-288.0	PPCA-1	4.86	4.28	1.61	0.879	2.660	3.025	1635.	48.	1.	760.7	30.2	1
1099	0	492	37.8048	89.1883	-289.5	PPCA-1	7.56	2.27	1.17	0.301	1.939	6.452	1707.	31.	5.	760.7	30.2	1
1100	0	496	37.8048	89.1875	-290.7	PPCA-1	5.09	4.02	1.51	0.789	2.664	3.377	1714.	34.	6.	759.7	30.3	1
1101	0	492	37.8048	89.1868	-290.2	PPCA-1	6.59	1.85	1.43	0.280	1.290	4.607	1625.	43.	4.	760.7	30.2	1
1102	0	504	37.8048	89.1861	-289.7	PPCA-1	7.32	3.02	1.35	0.413	2.244	5.440	1762.	25.	4.	761.8	30.3	1
1103	0	504	37.8047	89.1853	-287.0	PPCA-1	5.80	2.12	1.56	0.365	1.360	3.722	1632.	45.	4.	759.7	30.2	1
1104	0	500	37.8047	89.1845	-288.0	PPCA-1	3.04	2.56	1.39	0.841	1.844	2.193	1515.	45.	7.	760.2	30.2	1
1105	10	500	37.8047	89.1838	-293.0	PPCA-1	7.64	0.91	1.49	0.0	0.0	5.140	1650.	31.	7.	761.2	30.2	1
1106	0	492	37.8047	89.1831	-295.7	PPCA-1	4.83	2.13	1.44	0.442	1.477	3.342	1614.	47.	3.	759.7	30.2	1
1107	0	488	37.8047	89.1824	-296.7	PPCA-1	8.54	2.16	1.41	0.253	1.534	6.068	1629.	43.	3.	760.7	30.2	1
1108	10	484	37.8047	89.1817	-299.0	PPCA-1	10.20	1.15	1.26	0.0	0.0	8.084	1656.	34.	1.	761.2	30.2	1
1109	0	484	37.8047	89.1809	-300.7	PPCA-1	6.66	3.06	1.40	0.460	2.178	4.739	1709.	50.	1.	760.2	30.2	1
1110	0	488	37.8047	89.1802	-300.7	PPCA-1	5.71	2.95	1.34	0.516	2.202	4.267	1765.	47.	4.	761.2	30.2	1
1111	0	488	37.8047	89.1794	-300.5	PPCA-1	7.87	3.37	1.61	0.428	2.095	4.893	1759.	38.	1.	760.7	30.2	1
1112	0	492	37.8046	89.1787	-302.5	PPCA-1	9.23	2.79	1.41	0.303	1.982	6.549	1634.	35.	3.	759.7	30.2	1
1113	0	492	37.8046	89.1779	-303.5	PPCA-1	8.22	1.88	1.09	0.228	1.725	7.551	1650.	51.	1.	761.2	30.3	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/k	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1114	0	464	37.8046	89.1772	-303.5	PPCA-1	5.64	2.06	1.35	0.365	1.527	4.184	1533.	4c	7.	760.7	30.0	1
1115	10	472	37.8046	89.1764	-304.7	PPCA-1	7.82	1.36	1.37	0.0	0.0	5.697	1409.	39.	3.	760.7	30.5	1
1116	0	480	37.8046	89.1757	-305.2	PPCA-1	6.78	3.00	0.97	0.443	3.094	6.986	1488.	42.	2.	761.8	31.2	1
1117	0	472	37.8046	89.1749	-306.7	PPCA-1	6.17	3.55	1.06	0.576	3.354	5.823	1396.	52.	2.	759.7	30.7	1
1118	10	484	37.8046	89.1742	-306.2	QAL	6.90	1.01	1.23	0.0	0.0	5.618	1330.	40.	6.	759.7	30.2	1
1119	0	500	37.8046	89.1735	-307.7	QAL	5.78	2.54	1.09	0.439	2.325	5.301	1452.	42.	6.	761.2	30.5	1
1120	10	500	37.8046	89.1728	-307.5	QAL	9.00	-0.04	1.03	0.0	0.0	8.758	1399.	32.	8.	760.2	30.4	1
1121	0	500	37.8045	89.1720	-308.0	QAL	5.21	2.03	1.13	0.390	1.799	4.616	1502.	29.	8.	759.7	30.3	1
1122	10	488	37.8045	89.1713	-309.5	QAL	7.35	1.63	1.12	0.0	0.0	6.566	1472.	35.	8.	760.7	30.4	1
1123	0	480	37.8045	89.1705	-310.5	QAL	5.03	2.30	1.13	0.458	2.036	4.444	1399.	47.	7.	759.7	30.3	1
1124	10	472	37.8045	89.1698	-309.7	QAL	7.44	1.60	1.11	0.0	0.0	6.689	1435.	34.	9.	760.2	30.3	1
1125	10	476	37.8045	89.1691	-310.2	QAL	7.43	1.08	0.92	0.0	0.0	8.094	1437.	42.	6.	760.2	30.3	1
1126	0	468	37.8045	89.1682	-311.2	QAL	5.18	3.77	0.87	0.729	4.351	5.968	1373.	31.	6.	759.7	30.3	1
1127	0	468	37.8045	89.1675	-311.2	QAL	7.28	2.43	0.84	0.334	2.907	8.691	1415.	39.	5.	760.2	30.3	1
1128	0	464	37.8045	89.1668	-311.5	QAL	7.82	1.60	0.96	0.204	1.656	8.109	1344.	28.	0.	760.7	30.3	1
1129	10	456	37.8045	89.1661	-311.0	QAL	7.24	0.79	0.98	0.0	0.0	7.424	1369.	48.	3.	760.2	30.3	1
1130	10	464	37.8045	89.1654	-311.2	QAL	7.39	0.83	0.91	0.0	0.0	8.077	1309.	41.	3.	761.2	30.3	1
1131	0	476	37.8045	89.1646	-312.7	QAL	7.02	2.12	1.00	0.303	2.120	7.004	1311.	32.	2.	761.2	30.2	1
1132	0	456	37.8045	89.1639	-313.0	QAL	5.03	1.57	1.01	0.311	1.544	4.962	1276.	38.	6.	760.7	30.2	1
1133	0	444	37.8045	89.1632	-312.2	QAL	6.88	1.88	0.66	0.274	2.837	10.347	1298.	32.	5.	761.2	30.2	1
1134	0	432	37.8045	89.1625	-313.7	QAL	5.36	4.01	0.86	0.747	4.637	6.204	1358.	39.	6.	760.2	30.3	1
1135	10	436	37.8045	89.1617	-311.5	QAL	6.86	1.37	1.14	0.0	0.0	6.029	1420.	42.	7.	759.7	30.2	1
1136	0	436	37.8046	89.1610	-312.0	PPCA-1	6.87	2.28	0.97	0.332	2.347	7.073	1457.	34.	5.	761.2	30.4	1
1137	0	448	37.8046	89.1603	-313.2	PPCA-1	4.36	2.75	1.06	0.631	2.593	4.110	1425.	35.	6.	760.7	30.5	1
1138	0	448	37.8046	89.1596	-313.0	PPCA-1	3.88	2.06	1.23	0.532	1.676	3.147	1383.	42.	9.	759.7	30.5	1
1139	0	460	37.8046	89.1589	-310.2	PPCA-1	6.64	1.59	1.31	0.240	1.212	5.058	1509.	34.	5.	760.2	30.5	1
1140	10	500	37.8046	89.1581	-312.0	PPCA-1	8.81	1.34	1.56	0.0	0.0	5.654	1592.	29.	6.	760.2	30.6	1
1141	0	516	37.8047	89.1574	-311.7	PPCA-1	7.51	2.28	1.27	0.304	1.796	5.905	1506.	53.	7.	760.2	30.6	1
1142	0	520	37.8047	89.1567	-310.7	PPCA-1	5.91	4.25	1.30	0.719	3.279	4.560	1606.	41.	4.	760.7	30.7	1
1143	0	524	37.8047	89.1560	-310.0	PPCA-1	5.33	2.79	1.43	0.523	1.954	3.736	1583.	42.	4.	759.7	30.5	1
1144	0	524	37.8047	89.1552	-310.2	PPCA-1	7.60	3.51	1.30	0.461	2.698	5.849	1505.	47.	0.	759.2	30.5	1
1145	0	532	37.8047	89.1545	-310.2	PPCA-1	6.65	3.38	1.27	0.508	2.668	5.252	1610.	27.	2.	760.2	30.4	1
1146	0	540	37.8047	89.1538	-309.5	PPCA-1	10.70	3.39	1.30	0.317	2.606	8.215	1690.	32.	0.	760.2	30.4	1
1147	0	536	37.8047	89.1530	-309.0	PPCA-1	8.17	2.21	1.42	0.271	1.562	5.770	1570.	44.	0.	760.2	30.3	1
1148	0	520	37.8048	89.1524	-308.7	PPCA-1	5.50	5.94	1.32	1.080	4.503	4.170	1597.	32.	0.	760.2	30.3	1
1149	0	508	37.8048	89.1516	-308.7	PPCA-1	7.62	2.28	1.30	0.299	1.753	5.859	1596.	36.	0.	760.2	30.2	1
1150	10	504	37.8048	89.1509	-308.2	PPCA-1	7.39	1.54	1.34	0.0	0.0	5.523	1572.	41.	4.	760.7	30.3	1
1151	0	500	37.8048	89.1502	-308.2	PPCA-1	9.00	2.14	1.30	0.238	1.646	6.927	1606.	37.	3.	760.7	30.2	1
1152	0	496	37.8048	89.1495	-306.2	PPCA-1	5.89	3.40	1.58	0.577	2.152	3.732	1599.	47.	6.	760.2	30.2	1
1153	10	496	37.8048	89.1487	-307.0	PPCA-1	7.99	1.59	1.17	0.0	0.0	6.838	1552.	39.	9.	760.2	30.2	1
1154	10	492	37.8048	89.1480	-306.2	PPCA-1	7.53	0.83	1.32	0.0	0.0	5.708	1595.	42.	11.	761.2	30.2	1
1155	0	488	37.8049	89.1473	-304.2	QAL	8.12	2.15	1.39	0.264	1.546	5.848	1624.	27.	12.	761.2	30.2	1
1156	10	488	37.8049	89.1467	-303.5	QAL	7.27	0.39	1.39	0.0	0.0	5.225	1619.	44.	15.	761.2	30.3	1
1157	10	496	37.8049	89.1459	-304.5	QAL	8.70	0.34	1.20	0.0	0.0	7.248	1595.	39.	13.	761.8	30.3	1
1158	10	512	37.8049	89.1452	-302.2	QAL	9.25	1.77	1.55	0.0	0.0	5.987	1717.	40.	10.	761.8	30.3	1
1159	0	516	37.8050	89.1445	-301.0	QAL	7.40	3.90	1.24	0.528	3.143	5.955	1693.	41.	5.	760.2	30.3	1
1160	10	512	37.8050	89.1438	-301.5	QAL	9.74	1.42	1.73	0.0	0.0	5.615	1711.	31.	10.	759.7	30.4	1
1161	0	516	37.8050	89.1430	-300.2	QAL	7.21	4.31	1.34	0.597	3.211	5.378	1617.	46.	2.	760.2	30.3	1
1162	0	520	37.8050	89.1423	-298.0	QAL	7.71	2.70	1.20	0.350	2.247	6.411	1641.	32.	4.	760.2	30.4	1
1163	0	508	37.8050	89.1416	-296.5	QAL	6.62	2.78	1.21	0.420	2.291	5.456	1690.	28.	3.	760.2	30.4	1
1164	0	468	37.8050	89.1409	-296.5	QAL	4.87	2.97	1.18	0.610	2.531	4.148	1497.	42.	4.	760.2	30.4	1
1165	10	484	37.8050	89.1401	-295.2	QAL	6.73	0.94	1.87	0.0	0.0	3.609	1636.	43.	4.	759.7	30.4	1
1166	0	460	37.8051	89.1394	-294.5	QAL	8.79	3.18	1.40	0.362	2.273	6.282	1801.	32.	0.	760.2	30.4	1

FLIGHT LINE 3 DAY 170 REDUCED DATA TEX-KENT 1979 PADUCAH

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1167	0	464	37.8051	89.1387	-292.7	PPCA-1	6.48	3.47	1.49	0.536	2.327	4.341	1861.	45.	0.	759.7	30.4	1
1168	0	464	37.8051	89.1380	-291.5	PPCA-1	6.78	5.21	1.66	0.768	3.137	4.084	2014.	36.	0.	759.7	30.4	1
1169	0	448	37.8052	89.1372	-290.2	PPCA-1	8.35	5.11	1.37	0.612	3.733	6.099	1968.	38.	2.	760.7	30.3	1
1170	0	480	37.8052	89.1365	-289.2	PPCA-1	10.00	4.47	1.74	0.447	2.572	5.761	2255.	34.	0.	759.2	30.3	1
1171	0	476	37.8052	89.1358	-288.5	PPCA-1	7.37	2.96	1.51	0.402	1.959	4.872	1926.	42.	2.	759.7	30.4	1
1172	0	472	37.8052	89.1351	-287.7	PPCA-1	6.10	4.51	1.54	0.740	2.927	3.957	1777.	45.	0.	761.2	30.4	1
1173	0	476	37.8052	89.1343	-287.0	PPCA-1	7.19	2.10	1.53	0.292	1.375	4.705	1578.	37.	2.	759.2	30.4	1
1174	0	504	37.8052	89.1336	-284.5	PPCA-1	6.89	5.82	1.02	0.845	5.716	6.765	1642.	44.	0.	760.2	30.4	1
1175	0	500	37.8052	89.1329	-283.0	PPCA-1	6.07	3.62	1.36	0.596	2.660	4.461	1619.	35.	3.	761.2	30.3	1
1176	0	496	37.8053	89.1322	-281.7	PPCA-1	6.23	2.81	1.02	0.451	2.754	6.105	1678.	33.	6.	759.7	30.4	1
1177	0	492	37.8053	89.1314	-280.7	PPCA-1	6.91	3.35	1.21	0.485	2.767	5.709	1652.	46.	4.	760.7	30.3	1
1178	0	484	37.8053	89.1307	-279.2	PPCA-1	8.94	1.83	1.30	0.205	1.405	6.852	1674.	40.	5.	761.2	30.6	1
1179	0	480	37.8053	89.1300	-278.0	PPCA-1	8.32	2.21	1.42	0.265	1.559	5.881	1677.	47.	6.	760.2	31.6	1
1180	0	476	37.8053	89.1293	-276.2	PPCA-1	5.02	2.43	1.24	0.483	1.955	4.047	1590.	39.	7.	760.7	31.8	1
1181	0	480	37.8053	89.1286	-275.2	PPCA-1	7.59	3.76	1.22	0.496	3.087	6.229	1634.	45.	3.	760.7	31.6	1
1182	0	488	37.8053	89.1279	-274.0	PPCA-1	7.15	2.68	1.24	0.374	2.168	5.790	1589.	39.	9.	760.7	31.4	1
1183	10	484	37.8054	89.1272	-272.7	PPCA-1	8.82	1.02	1.03	0.0	0.0	8.583	1460.	36.	5.	760.2	30.5	1
1184	0	472	37.8054	89.1264	-272.5	PPCA-1	6.73	3.14	0.64	0.467	4.879	10.456	1384.	34.	4.	758.7	30.2	1
1185	0	472	37.8054	89.1257	-269.7	PPCA-1	5.74	3.01	1.00	0.525	3.006	5.730	1465.	36.	6.	759.7	30.5	1
1186	10	484	37.8054	89.1250	-267.0	PPCA-1	7.19	0.97	1.13	0.0	0.0	6.373	1412.	34.	4.	762.3	30.4	1
1187	0	480	37.8055	89.1243	-266.2	PPCA-1	6.76	3.70	0.83	0.547	4.446	8.125	1421.	42.	3.	761.2	30.4	1
1188	0	480	37.8055	89.1236	-266.2	PPCA-1	4.08	4.19	1.13	1.027	3.701	3.603	1362.	52.	2.	758.7	30.5	1
1189	0	472	37.8055	89.1228	-264.2	PPCA-1	8.88	2.32	1.05	0.261	2.203	8.425	1444.	43.	0.	758.7	30.3	1
1190	0	472	37.8055	89.1221	-263.7	PPCA-1	6.66	5.19	1.08	0.780	4.799	6.149	1600.	28.	5.	759.7	30.6	1
1191	0	476	37.8055	89.1214	-262.7	PPCA-1	7.95	2.29	1.26	0.289	1.826	6.324	1594.	36.	4.	759.7	31.4	1
1192	0	476	37.8055	89.1207	-260.0	PPCA-1	7.74	3.28	1.29	0.423	2.532	5.981	1658.	38.	4.	758.7	31.8	1
1193	10	476	37.8055	89.1199	-258.0	PPCA-1	6.28	1.35	1.08	0.0	0.0	5.839	1485.	46.	9.	758.7	31.6	1
1194	0	460	37.8056	89.1192	-257.2	PPCA-1	6.71	2.38	1.07	0.354	2.217	6.264	1498.	42.	4.	758.7	31.5	1
1195	0	456	37.8056	89.1185	-256.5	PPCA-1	10.02	2.25	1.04	0.225	2.167	9.642	1458.	34.	5.	759.7	31.7	1
1196	10	440	37.8056	89.1178	-255.0	PPCA-1	5.59	0.84	1.28	0.0	0.0	4.365	1436.	42.	9.	760.2	31.5	1
1197	0	432	37.8056	89.1171	-253.7	PPCA-1	7.61	2.28	1.10	0.299	2.067	6.903	1430.	49.	4.	759.2	30.7	1
1198	0	432	37.8056	89.1163	-253.5	PPCA-1	7.77	3.89	0.82	0.500	4.755	9.508	1466.	42.	5.	759.2	30.3	1
1199	0	444	37.8056	89.1156	-253.0	PPCA-1	6.29	3.00	1.10	0.477	2.729	5.723	1516.	31.	4.	761.2	30.4	1
1200	0	460	37.8056	89.1149	-253.7	PPCA-1	6.91	2.02	1.22	0.292	1.648	5.644	1448.	54.	5.	761.8	30.3	1
1201	10	464	37.8057	89.1142	-253.2	PPCA-1	11.02	0.14	1.25	0.0	0.0	8.822	1532.	27.	8.	760.7	30.2	1
1202	0	456	37.8057	89.1134	-252.0	PPCA-1	6.00	3.22	1.03	0.538	3.144	5.849	1482.	39.	5.	760.7	30.4	1
1203	0	444	37.8057	89.1127	-250.0	PPCA-1	4.65	3.74	1.10	0.805	3.409	4.236	1448.	43.	6.	759.7	30.3	1
1204	0	416	37.8058	89.1120	-249.2	PPCA-1	7.00	2.38	0.88	0.340	2.719	7.996	1493.	33.	8.	758.7	30.4	1
1205	10	452	37.8058	89.1113	-248.2	PPCA-1	6.50	1.53	0.97	0.0	0.0	6.739	1466.	34.	10.	758.7	30.4	1
1206	0	460	37.8058	89.1105	-246.5	PPCA-1	6.65	1.71	0.91	0.257	1.879	7.319	1567.	32.	9.	759.7	30.1	1
1207	0	448	37.8058	89.1099	-246.5	PPCA-1	8.46	2.07	1.30	0.245	1.593	6.513	1658.	29.	8.	759.7	30.6	1
1208	0	448	37.8058	89.1091	-246.5	PPCA-1	4.44	3.78	1.17	0.851	3.222	3.785	1470.	47.	7.	760.7	31.2	1
1209	0	456	37.8058	89.1084	-244.2	PPCA-1	7.07	1.94	1.03	0.275	1.891	6.885	1541.	32.	7.	760.7	30.5	1
1210	0	452	37.8058	89.1077	-243.2	PPCA-1	8.27	2.09	1.04	0.252	2.004	7.938	1473.	48.	2.	760.2	30.0	1
1211	0	448	37.8058	89.1070	-244.7	PPCA-1	6.71	2.02	1.24	0.302	1.629	5.400	1508.	43.	3.	760.2	30.2	1
1212	10	432	37.8059	89.1062	-243.0	PPCA-1	6.51	1.10	1.22	0.0	0.0	5.350	1429.	41.	0.	760.2	30.2	1
1213	0	452	37.8059	89.1055	-240.5	PPCA-1	7.74	2.16	1.04	0.279	2.084	7.478	1507.	51.	5.	759.2	30.1	1
1214	0	464	37.8059	89.1048	-240.5	PPCA-1	7.37	1.76	1.49	0.239	1.182	4.947	1517.	51.	3.	759.2	30.2	1
1215	0	480	37.8059	89.1041	-241.5	PPCA-1	8.86	4.62	0.50	0.522	9.310	17.849	1525.	34.	5.	759.2	30.3	1
1216	0	488	37.8059	89.1034	-240.2	PPCA-1	7.78	2.73	1.27	0.351	2.155	6.135	1653.	35.	7.	759.2	30.2	1
1217	10	492	37.8059	89.1026	-240.0	PPCA-1	8.65	0.55	1.29	0.0	0.0	6.713	1599.	50.	7.	759.2	30.2	1
1218	10	492	37.8059	89.1019	-239.7	PPCA-1	8.02	1.57	1.36	0.0	0.0	5.914	1567.	41.	7.	759.2	30.2	1
1219	0	484	37.8060	89.1012	-240.0	PPCA-1	7.08	1.91	1.01	0.270	1.899	7.040	1588.	37.	9.	759.2	30.2	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1220	10	480	37.8060	89.1005	-238.7	PPCA-1	7.52	0.89	1.49	0.0	0.0	5.062	1631.	39.	12.	759.2	30.2	1
1221	0	480	37.8060	89.0997	-236.2	PPCA-1	8.17	3.07	1.47	0.376	2.093	5.573	1722.	27.	8.	759.7	30.2	1
1222	10	476	37.8061	89.0990	-236.0	PPCA-1	11.79	-0.12	1.41	0.0	0.0	8.390	1689.	32.	11.	759.7	30.2	1
1223	10	476	37.8061	89.0983	-235.7	PPCA-1	8.64	0.88	1.32	0.0	0.0	6.543	1738.	43.	12.	758.7	30.2	1
1224	10	480	37.8061	89.0976	-234.7	PPCA-1	7.86	1.14	1.46	0.0	0.0	5.370	1641.	40.	12.	758.7	30.2	1
1225	0	484	37.8061	89.0968	-234.5	PPCA-1	7.28	3.04	1.42	0.418	2.144	5.128	1681.	46.	8.	758.7	30.2	1
1226	10	488	37.8061	89.0961	-234.0	PPCA-1	8.81	0.92	1.06	0.0	0.0	8.336	1604.	38.	13.	758.7	30.2	1
1227	10	492	37.8061	89.0954	-232.0	PPCA-1	10.29	1.44	1.19	0.0	0.0	8.680	1656.	27.	7.	759.2	30.2	1
1228	10	496	37.8061	89.0947	-231.7	PPCA-1	6.39	0.98	1.33	0.0	0.0	4.798	1605.	44.	10.	759.2	30.3	1
1229	0	500	37.8062	89.0939	-231.2	PPCA-1	7.72	2.15	1.55	0.279	1.385	4.968	1673.	37.	7.	759.2	30.2	1
1230	0	504	37.8062	89.0932	-230.2	PPCA-1	8.68	2.91	1.18	0.335	2.466	7.358	1621.	51.	7.	759.7	30.2	1
1231	0	500	37.8062	89.0925	-230.2	PPCA-1	7.37	2.29	1.24	0.311	1.849	5.949	1579.	33.	4.	759.7	30.4	1
1232	0	500	37.8062	89.0919	-229.2	PPCA-1	7.54	3.17	1.07	0.420	2.965	7.052	1613.	33.	4.	760.2	30.5	1
1233	0	504	37.8062	89.0912	-229.0	PPCA-1	7.28	1.73	1.26	0.237	1.368	5.778	1622.	29.	5.	761.2	30.4	1
1234	0	508	37.8062	89.0904	-228.5	PPCA-1	10.38	2.90	1.04	0.280	2.789	9.978	1573.	28.	2.	760.2	30.2	1
1235	0	504	37.8062	89.0897	-228.0	QAL	6.09	4.40	1.28	0.722	3.445	4.774	1546.	53.	0.	759.2	30.2	1
1236	0	500	37.8063	89.0890	-227.2	QAL	5.05	2.70	1.11	0.535	2.439	4.562	1491.	43.	6.	759.2	30.2	1
1237	10	496	37.8063	89.0882	-227.7	QAL	6.14	1.39	1.06	0.0	0.0	5.814	1510.	43.	6.	759.7	30.1	1
1238	0	496	37.8063	89.0875	-227.5	QAL	5.35	4.37	1.16	0.816	3.763	4.612	1625.	33.	6.	759.7	30.1	1
1239	0	496	37.8063	89.0868	-227.5	QAL	6.84	3.10	0.93	0.454	3.325	7.332	1473.	30.	3.	759.7	30.4	1
1240	0	488	37.8064	89.0861	-226.2	QAL	5.98	2.16	1.29	0.362	1.678	4.638	1575.	29.	7.	760.7	30.4	1
1241	0	488	37.8064	89.0854	-224.7	QAL	6.00	3.39	0.88	0.565	3.867	6.850	1400.	46.	5.	761.8	30.4	1
1242	0	484	37.8064	89.0846	-225.0	QAL	7.34	4.77	0.63	0.650	7.619	11.727	1486.	39.	2.	761.8	30.5	1
1243	0	480	37.8064	89.0839	-223.7	PPCA-1	6.99	2.34	1.06	0.335	2.201	6.567	1459.	36.	4.	761.2	30.5	1
1244	0	484	37.8064	89.0832	-223.2	PPCA-1	5.62	1.97	1.36	0.350	1.448	4.139	1436.	45.	3.	761.2	30.5	1
1245	0	484	37.8064	89.0825	-224.7	PPCA-1	7.15	3.11	0.95	0.435	3.281	7.542	1516.	39.	8.	760.7	30.6	1
1246	0	484	37.8064	89.0817	-223.5	PPCA-1	4.96	4.54	0.60	0.916	7.528	8.221	1376.	44.	6.	759.7	30.6	1
1247	0	484	37.8065	89.0810	-222.5	PPCA-1	5.99	3.89	0.68	0.649	5.732	8.834	1523.	36.	8.	759.7	30.6	1
1248	0	488	37.8065	89.0803	-222.7	PPCA-1	3.49	4.74	0.90	1.358	5.261	3.874	1458.	47.	10.	759.7	30.8	1
1249	10	496	37.8065	89.0796	-223.0	PPCA-1	8.64	0.63	0.80	0.0	0.0	10.775	1407.	46.	10.	761.2	30.8	1
1250	10	504	37.8065	89.0789	-223.7	PPCA-1	4.15	0.77	0.86	0.0	0.0	4.798	1404.	31.	13.	761.2	30.8	1
1251	0	512	37.8065	89.0781	-225.0	PPCA-1	6.65	2.73	1.06	0.411	2.573	6.262	1468.	32.	9.	759.2	30.7	1
1252	0	516	37.8065	89.0774	-223.2	PPCA-1	6.37	2.91	0.90	0.457	3.255	7.118	1435.	47.	10.	758.7	30.4	1
1253	10	516	37.8065	89.0767	-223.0	PPCA-1	5.70	0.43	1.17	0.0	0.0	4.861	1388.	51.	10.	759.7	30.3	1
1254	10	528	37.8066	89.0760	-224.2	PPCA-1	7.67	1.64	1.15	0.0	0.0	6.647	1465.	40.	9.	760.7	30.3	1
1255	0	536	37.8066	89.0752	-227.5	PPCA-1	5.74	2.85	1.30	0.497	2.186	4.402	1556.	29.	6.	759.7	30.3	1
1256	0	492	37.8066	89.0745	-228.7	QAL	4.36	2.00	1.04	0.459	1.917	4.171	1328.	38.	6.	758.7	30.2	1
1257	0	492	37.8067	89.0738	-227.0	QAL	5.48	2.00	1.10	0.365	1.812	4.959	1393.	39.	2.	758.7	30.2	1
1258	0	484	37.8067	89.0731	-225.2	QAL	5.73	3.41	0.99	0.595	3.446	5.786	1548.	36.	2.	760.7	30.2	1
1259	0	496	37.8067	89.0724	-226.2	QAL	7.35	3.94	1.35	0.536	2.918	5.441	1643.	44.	0.	760.7	30.2	1
1260	0	520	37.8067	89.0717	-227.5	QAL	10.81	3.35	1.00	0.310	3.350	10.814	1730.	47.	2.	759.7	30.2	1
1261	0	512	37.8067	89.0709	-227.7	QAL	9.35	3.14	1.11	0.336	2.834	8.435	1750.	39.	5.	758.7	30.2	1
1262	0	508	37.8067	89.0702	-227.5	QAL	8.55	1.92	1.39	0.224	1.374	6.130	1670.	33.	3.	759.7	30.2	1
1263	0	512	37.8067	89.0695	-228.0	QAL	8.24	1.80	1.34	0.219	1.348	6.152	1640.	31.	8.	760.7	30.5	1
1264	0	512	37.8068	89.0687	-227.5	PPCA-1	7.23	2.85	1.36	0.395	2.096	5.308	1821.	38.	5.	760.7	30.5	1
1265	10	512	37.8068	89.0680	-229.0	PPCA-1	11.21	1.22	1.26	0.0	0.0	8.904	1692.	46.	6.	759.7	30.3	1
1266	0	504	37.8068	89.0673	-229.5	PPCA-1	7.92	3.07	1.36	0.388	2.257	5.818	1718.	44.	9.	758.7	30.3	1
1267	0	504	37.8068	89.0666	-229.5	PPCA-1	8.46	2.66	1.22	0.314	2.186	6.960	1790.	38.	9.	759.7	30.2	1
1268	0	504	37.8069	89.0659	-230.0	PPCA-1	7.34	1.77	1.67	0.241	1.059	4.393	1719.	34.	6.	761.8	30.2	1
1269	10	504	37.8069	89.0651	-229.2	PPCA-1	6.44	0.45	1.39	0.0	0.0	4.620	1690.	28.	12.	759.7	30.2	1
1270	0	504	37.8069	89.0644	-230.7	PPCA-1	9.85	2.92	1.08	0.296	2.704	9.130	1698.	35.	8.	758.7	30.2	1
1271	0	504	37.8069	89.0637	-231.2	PPCA-1	8.89	2.27	1.13	0.255	2.012	7.886	1633.	34.	10.	760.7	30.2	1
1272	0	500	37.8069	89.0630	-232.0	QAL	8.15	1.79	1.31	0.220	1.371	6.237	1616.	35.	8.	761.8	30.3	1

*	TAGS		* LOCATION		*			REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1273	0	492	37.8069	89.0622	-232.7		QAL	7.78	2.66	0.38	0.342	2.714	7.947	1483.	47.	8.	760.7	30.2	1
1274	0	492	37.8069	89.0615	-232.2		QAL	5.16	2.73	1.09	0.529	2.506	4.735	1556.	37.	7.	759.7	30.3	1
1275	0	496	37.8070	89.0608	-233.0		QAL	7.86	3.08	1.20	0.392	2.562	6.535	1619.	36.	5.	760.7	30.3	1
1276	10	500	37.8070	89.0601	-234.0		QAL	7.24	0.75	1.18	0.0	0.0	6.160	1477.	47.	9.	761.8	30.3	1
1277	10	504	37.8070	89.0594	-235.2		QAL	6.38	1.46	1.21	0.0	0.0	5.276	1413.	45.	8.	760.7	30.3	1
1278	10	504	37.8070	89.0586	-235.0		QAL	7.56	0.59	1.08	0.0	0.0	7.029	1328.	45.	8.	759.7	30.3	1
1279	0	504	37.8070	89.0579	-234.0		PPM	5.68	1.85	0.97	0.327	1.918	5.875	1396.	31.	6.	761.8	30.3	1
1280	0	492	37.8070	89.0572	-234.0		PPM	5.25	2.37	1.01	0.452	2.344	5.192	1415.	36.	4.	761.8	30.3	1
1281	0	488	37.8071	89.0565	-234.7		PPM	5.78	1.89	1.04	0.327	1.817	5.561	1375.	45.	7.	759.7	30.2	1
1282	0	484	37.8071	89.0557	-236.7		PPM	7.84	2.31	1.02	0.295	2.276	7.710	1423.	38.	6.	759.7	30.2	1
1283	0	484	37.8071	89.0551	-237.2		PPM	7.00	2.45	1.34	0.350	1.831	5.231	1503.	44.	4.	762.3	30.2	1
1284	0	480	37.8071	89.0544	-238.0		PPM	5.56	2.47	1.53	0.444	1.614	3.637	1520.	44.	11.	762.8	30.3	1
1285	0	484	37.8071	89.0537	-238.5		PPM	5.56	3.70	1.21	0.666	3.070	4.608	1484.	34.	9.	759.7	30.3	1
1286	0	480	37.8072	89.0529	-240.7		PPM	4.11	3.67	0.96	0.893	3.840	4.300	1408.	51.	8.	759.7	30.3	1
1287	0	480	37.8072	89.0522	-241.0		PPM	7.64	2.51	1.02	0.328	2.453	7.470	1526.	32.	10.	761.8	30.2	1
1288	0	472	37.8072	89.0515	-241.5		PPM	6.07	3.08	0.96	0.507	3.197	6.300	1450.	49.	9.	760.7	30.3	1
1289	0	476	37.8072	89.0508	-242.2		PPM	7.40	1.81	1.32	0.244	1.363	5.586	1452.	48.	6.	759.7	30.2	1
1290	0	476	37.8072	89.0500	-243.5		PPM	6.20	2.64	1.07	0.425	2.452	5.775	1477.	36.	10.	760.7	30.2	1
1291	10	472	37.8072	89.0493	-244.2		PPM	7.81	1.01	0.78	0.0	0.0	9.950	1406.	34.	9.	761.8	30.2	1
1292	10	468	37.8072	89.0486	-247.0		PPM	7.07	1.33	1.21	0.0	0.0	5.830	1495.	40.	10.	760.7	30.2	1
1293	10	464	37.8073	89.0479	-247.7		PPM	7.42	1.33	1.36	0.0	0.0	5.443	1497.	36.	9.	760.7	30.1	1
1294	10	464	37.8073	89.0471	-249.7		PPM	7.16	0.42	0.89	0.0	0.0	8.051	1369.	50.	11.	761.8	30.1	1
1295	0	456	37.8073	89.0464	-250.0		PPM	5.58	2.01	0.87	0.360	2.318	6.436	1358.	44.	9.	761.8	30.1	1
1296	10	460	37.8073	89.0457	-249.5		PPM	6.65	0.05	0.93	0.0	0.0	7.174	1356.	43.	11.	759.7	30.2	1
1297	0	464	37.8073	89.0450	-250.5		PPM	4.19	2.40	0.74	0.572	3.236	5.652	1280.	32.	8.	759.7	30.2	1
1298	10	464	37.8073	89.0442	-249.5		PPM	6.03	1.06	0.81	0.0	0.0	7.423	1318.	48.	11.	761.8	30.2	1
1299	0	464	37.8073	89.0435	-247.5		PPM	4.56	2.78	0.58	0.609	4.774	7.840	1308.	44.	10.	760.7	30.3	1
1300	0	464	37.8074	89.0428	-248.7		PPM	4.34	2.16	0.83	0.499	2.609	5.234	1304.	38.	12.	758.7	30.3	1
1301	0	464	37.8074	89.0421	-249.5		PPM	4.80	2.27	0.90	0.473	2.535	5.364	1261.	34.	11.	759.7	30.2	1
1302	0	468	37.8074	89.0413	-250.5		PPM	4.30	2.27	1.00	0.529	2.270	4.292	1323.	37.	11.	761.8	30.3	1
1303	10	472	37.8075	89.0406	-253.0		PPM	5.51	1.38	0.66	0.0	0.0	8.324	1162.	47.	10.	759.7	30.3	1
1304	0	472	37.8075	89.0399	-255.5		PPM	7.33	1.84	0.84	0.251	2.198	8.773	1258.	40.	7.	759.7	30.3	1
1305	0	480	37.8075	89.0392	-258.0		PPM	6.35	2.49	0.82	0.392	3.046	7.766	1284.	31.	7.	760.7	30.3	1
1306	0	484	37.8075	89.0385	-259.0		PPM	3.95	3.96	0.53	1.005	7.426	7.391	1245.	30.	0.	759.7	30.4	1
1307	0	484	37.8075	89.0377	-259.5		PPM	4.89	1.76	0.81	0.360	2.169	6.021	1309.	35.	4.	758.7	30.3	1
1308	0	484	37.8075	89.0370	-256.2		PPM	4.54	2.69	1.04	0.592	2.593	4.380	1333.	41.	2.	760.7	30.3	1
1309	0	480	37.8075	89.0363	-251.2		PPM	5.41	2.49	1.12	0.461	2.234	4.848	1307.	35.	4.	760.7	30.2	1
1310	0	480	37.8076	89.0356	-249.0		PPM	5.76	1.40	1.02	0.242	1.368	5.646	1204.	36.	1.	759.7	30.2	1
1311	0	476	37.8076	89.0349	-247.2		PPM	6.72	2.74	0.83	0.408	3.283	8.045	1367.	33.	3.	760.7	30.2	1
1312	0	476	37.8076	89.0342	-248.2		PPM	3.51	3.54	0.74	1.007	4.807	4.772	1310.	41.	6.	761.8	30.2	1
1313	0	476	37.8076	89.0335	-249.0		PPM	6.90	1.88	1.14	0.273	1.656	6.066	1265.	31.	6.	760.2	30.1	1
1314	0	480	37.8076	89.0327	-249.2		PPM	4.40	3.04	0.84	0.690	3.612	5.235	1346.	33.	8.	760.2	30.2	1
1315	0	476	37.8076	89.0320	-251.2		PPM	4.62	3.05	0.97	0.661	3.143	4.754	1310.	37.	7.	762.3	30.1	1
1316	10	468	37.8076	89.0313	-253.5		PPM	5.43	1.02	1.09	0.0	0.0	4.986	1250.	40.	7.	761.8	30.1	1
1317	0	472	37.8077	89.0305	-256.7		PPM	5.32	2.64	0.82	0.497	3.226	6.494	1279.	36.	6.	759.7	30.1	1
1318	0	472	37.8077	89.0298	-255.5		PPM	6.35	2.50	0.67	0.394	3.749	9.511	1182.	31.	8.	760.7	30.3	1
1319	0	472	37.8077	89.0291	-247.7		PPM	5.64	2.23	0.60	0.396	3.733	9.429	1207.	50.	4.	761.8	30.3	1
1320	10	456	37.8077	89.0284	-238.7		PPM	4.90	0.26	0.76	0.0	0.0	6.424	1001.	46.	5.	760.7	30.3	1
1321	0	468	37.8077	89.0277	-234.0		PPM	4.54	1.56	0.72	0.344	2.167	6.307	1023.	43.	6.	759.7	30.3	1
1322	0	464	37.8077	89.0269	-229.5		PPM	4.89	2.51	0.73	0.513	3.413	6.654	1005.	44.	3.	761.8	30.3	1
1323	0	476	37.8077	89.0262	-233.0		PPM	3.20	1.91	0.60	0.597	3.156	5.287	992.	50.	1.	760.7	30.3	1
1324	0	472	37.8078	89.0255	-244.7		PPM	2.80	1.76	0.55	0.630	3.189	5.062	978.	42.	3.	759.7	30.3	1
1325	10	480	37.8078	89.0248	-255.0		PPM	5.01	0.90	0.71	0.0	0.0	7.067	1178.	34.	9.	761.8	30.2	1

CP9 IP 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1326	0	476	37.8078	89.0240	-257.2	PPM	4.25	2.17	0.92	0.511	2.359	4.617	1219.	43.	6.	761.8	30.2	1
1327	10	472	37.8078	89.0233	-257.5	PPM	5.97	1.27	0.66	0.0	0.0	8.988	1245.	39.	7.	759.7	30.2	1
1328	0	464	37.8079	89.0226	-258.0	PPM	5.80	2.43	0.72	0.418	3.392	8.107	1250.	37.	7.	760.7	30.2	1
1329	0	460	37.8079	89.0219	-258.0	PPM	3.09	1.85	0.75	0.597	2.454	4.113	1235.	43.	5.	762.8	30.2	1
1330	0	456	37.8079	89.0212	-257.5	PPM	4.31	3.48	0.83	0.806	4.183	5.187	1249.	39.	3.	760.7	30.2	1
1331	0	460	37.8079	89.0204	-258.7	PPM	3.23	3.86	0.82	1.193	4.714	3.953	1247.	35.	6.	759.7	30.2	1
1332	0	460	37.8079	89.0197	-260.2	PPM	6.01	2.63	0.63	0.438	4.182	9.544	1239.	41.	5.	762.8	30.2	1
1333	0	464	37.8079	89.0190	-260.5	PPM	6.45	2.80	0.93	0.435	3.014	6.933	1285.	54.	3.	761.8	30.2	1
1334	0	464	37.8079	89.0183	-258.5	PPM	5.98	3.86	0.69	0.646	5.592	8.654	1332.	32.	7.	758.7	30.3	1
1335	10	476	37.8080	89.0176	-259.0	PPM	8.53	0.84	0.75	0.0	0.0	11.403	1376.	43.	7.	760.7	30.3	1
1336	10	484	37.8080	89.0169	-258.7	PPM	5.44	1.17	1.10	0.0	0.0	4.960	1325.	32.	9.	761.8	30.3	1
1337	0	484	37.8080	89.0162	-257.7	PPM	6.15	3.64	0.83	0.592	4.404	7.444	1323.	34.	9.	759.7	30.3	1
1338	0	492	37.8080	89.0154	-256.5	PPM	6.27	1.87	0.79	0.299	2.372	7.931	1240.	32.	13.	759.7	30.3	1
1339	10	496	37.8080	89.0147	-256.5	PPM	6.27	1.57	0.58	0.0	0.0	10.896	1113.	40.	11.	761.8	30.3	1
1340	10	496	37.8080	89.0140	-256.7	QAL	5.00	0.53	0.43	0.0	0.0	11.518	914.	37.	14.	759.7	30.4	1
1341	10	500	37.8080	89.0133	-255.2	QAL	3.61	-1.09	0.77	0.0	0.0	4.656	802.	32.	18.	759.7	30.3	1
1342	10	504	37.8081	89.0125	-253.0	QAL	4.79	0.15	0.52	0.0	0.0	9.190	879.	38.	13.	761.8	30.3	1
1343	10	500	37.8081	89.0118	-250.5	QAL	3.99	1.27	0.61	0.0	0.0	6.552	980.	28.	9.	759.7	30.3	1
1344	10	492	37.8081	89.0111	-245.7	QAL	4.67	1.32	0.59	0.0	0.0	7.929	1097.	45.	9.	759.7	30.3	1
1345	10	492	37.8082	89.0104	-241.5	QAL	5.65	0.46	0.91	0.0	0.0	6.190	1155.	36.	9.	761.8	30.3	1
1346	0	496	37.8082	89.0096	-244.2	QAL	4.85	2.61	0.76	0.539	3.430	6.365	1185.	40.	6.	760.7	30.3	1
1347	10	496	37.8082	89.0089	-248.0	QAL	5.26	1.08	1.03	0.0	0.0	5.115	1341.	35.	11.	758.7	30.3	1
1348	0	496	37.8082	89.0082	-249.5	QAL	7.33	2.02	0.97	0.276	2.089	7.577	1361.	36.	6.	760.7	30.3	1
1349	0	492	37.8082	89.0075	-253.0	QAL	8.18	2.22	1.07	0.271	2.075	7.661	1544.	37.	9.	761.8	30.3	1
1350	10	488	37.8082	89.0067	-254.0	QAL	5.69	1.39	1.10	0.0	0.0	5.197	1453.	34.	7.	759.7	30.3	1
1351	0	484	37.8082	89.0060	-252.7	QAL	8.21	2.75	1.06	0.335	2.594	7.738	1541.	42.	10.	760.7	30.3	1
1352	0	484	37.8083	89.0053	-253.0	QAL	5.95	2.68	1.07	0.450	2.514	5.582	1623.	31.	13.	761.8	30.4	1
1353	0	484	37.8083	89.0046	-252.2	QAL	7.85	2.01	1.06	0.255	1.895	7.418	1501.	41.	11.	759.7	30.4	1
1354	10	488	37.8083	89.0038	-254.7	QAL	6.44	1.49	0.99	0.0	0.0	6.533	1564.	42.	14.	759.2	30.4	1
1355	0	488	37.8083	89.0031	-253.5	QAL	7.48	2.63	1.03	0.352	2.555	7.262	1570.	37.	8.	761.2	30.4	1
1356	0	488	37.8083	89.0024	-252.7	QAL	6.53	3.32	1.11	0.509	2.995	5.884	1500.	35.	8.	760.7	30.5	1
1357	0	488	37.8083	89.0017	-253.2	QAL	7.66	3.48	1.01	0.454	3.452	7.600	1580.	36.	7.	759.7	30.4	1
1358	10	492	37.8083	89.0009	-252.5	QAL	8.05	1.49	1.22	0.0	0.0	6.618	1533.	32.	7.	761.8	30.4	1
1359	0	496	37.8083	89.0003	-252.2	QAL	8.54	4.08	1.03	0.477	3.973	8.321	1538.	34.	2.	761.8	30.3	1
1360	0	496	37.8083	88.9995	-253.2	PPCA-1	8.58	3.16	0.98	0.369	3.212	8.711	1524.	53.	8.	759.2	30.3	1
1361	10	484	37.8083	88.9988	-252.7	PPCA-1	9.16	1.71	1.28	0.0	0.0	7.181	1594.	35.	8.	760.7	30.3	1
1362	0	484	37.8083	88.9980	-251.5	QAL	8.15	2.79	1.00	0.343	2.799	8.163	1658.	40.	7.	761.8	30.3	1
1363	10	484	37.8082	88.9973	-252.2	QAL	8.55	1.11	1.24	0.0	0.0	6.923	1561.	42.	9.	759.7	30.3	1
1364	0	476	37.8082	88.9966	-252.2	QAL	6.21	1.62	1.07	0.261	1.513	5.787	1617.	34.	9.	760.7	30.3	1
1365	0	472	37.8082	88.9958	-251.7	QAL	8.28	3.02	1.11	0.365	2.731	7.488	1660.	54.	9.	761.8	30.2	1
1366	10	472	37.8082	88.9950	-250.2	QAL	10.40	0.68	1.25	0.0	0.0	8.324	1716.	31.	9.	759.7	30.3	1
1367	10	468	37.8081	88.9943	-250.0	QAL	8.39	1.56	1.17	0.0	0.0	7.190	1696.	36.	9.	759.7	30.3	1
1368	0	468	37.8081	88.9935	-249.2	QAL	9.13	2.43	1.10	0.266	2.214	8.322	1701.	42.	9.	762.8	30.4	1
1369	0	480	37.8080	88.9929	-250.2	QAL	8.08	3.13	1.16	0.387	2.692	6.949	1717.	33.	10.	760.7	30.3	1
1370	0	484	37.8080	88.9921	-249.2	QAL	6.82	3.68	1.19	0.540	3.079	5.706	1669.	46.	8.	759.7	30.4	1
1371	0	488	37.8080	88.9913	-248.2	QAL	6.21	2.76	1.43	0.445	1.934	4.347	1653.	41.	7.	761.8	30.4	1
1372	0	488	37.8080	88.9906	-248.5	QAL	7.68	2.58	0.98	0.335	2.633	7.849	1479.	46.	10.	760.7	30.5	1
1373	10	456	37.8079	88.9898	-249.5	QAL	6.63	1.12	0.91	0.0	0.0	7.297	1391.	38.	5.	759.2	30.4	1
1374	0	460	37.8079	88.9891	-249.5	QAL	5.50	1.90	1.11	0.346	1.720	4.967	1363.	41.	5.	761.2	30.4	1
1375	0	480	37.8079	88.9884	-250.5	QAL	6.11	3.20	0.99	0.523	3.215	6.146	1468.	39.	4.	761.2	30.4	1
1376	0	520	37.8079	88.9877	-250.0	QAL	8.22	2.56	0.80	0.312	3.206	10.278	1534.	42.	9.	759.2	30.5	1
1377	10	524	37.8078	88.9868	-247.7	PPCA-1	10.05	0.81	1.63	0.0	0.0	6.151	1718.	37.	7.	760.7	30.5	1
1378	0	520	37.8078	88.9861	-249.0	PPCA-1	7.08	2.89	1.30	0.407	2.214	5.434	1664.	39.	4.	761.8	30.4	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1379	0	516	37.8078	88.9854	-250.5	PPCA-1	7.65	2.52	1.33	0.329	1.899	5.767	1605.	43.	7.	759.7	30.3	1
1380	0	508	37.8078	88.9846	-250.0	PPCA-1	8.86	4.31	1.32	0.486	3.256	6.699	1681.	41.	5.	759.7	30.3	1
1381	0	500	37.8077	88.9839	-248.5	PPCA-1	9.33	2.71	1.15	0.290	2.355	8.114	1604.	38.	4.	761.8	30.3	1
1382	0	492	37.8077	88.9832	-248.7	QAL	8.78	2.35	1.12	0.267	2.101	7.858	1588.	40.	6.	760.2	30.3	1
1383	0	492	37.8077	88.9824	-245.7	QAL	5.44	4.86	0.92	0.892	5.256	5.892	1568.	40.	5.	759.2	30.2	1
1384	0	488	37.8077	88.9817	-246.2	QAL	5.87	2.31	1.40	0.394	1.647	4.179	1541.	50.	5.	761.2	30.2	1
1385	10	480	37.8076	88.9809	-246.2	QAL	8.72	0.33	1.26	0.0	0.0	6.944	1520.	44.	7.	762.3	30.2	1
1386	0	480	37.8076	88.9802	-245.7	QAL	7.43	3.08	0.89	0.414	3.457	8.341	1436.	33.	7.	761.2	30.2	1
1387	10	476	37.8075	88.9794	-247.2	QAL	6.92	1.46	0.95	0.0	0.0	7.266	1384.	42.	7.	761.2	30.2	1
1388	0	472	37.8075	88.9787	-248.2	QAL	5.95	1.88	1.11	0.317	1.696	5.355	1463.	49.	9.	761.8	30.3	1
1389	0	460	37.8075	88.9779	-246.2	QAL	5.79	2.93	0.98	0.507	2.996	5.915	1452.	35.	7.	760.7	30.2	1
1390	0	452	37.8075	88.9772	-244.7	PPCA-1	8.84	1.74	0.77	0.196	2.256	11.493	1412.	28.	7.	760.7	30.3	1
1391	10	448	37.8074	88.9764	-243.5	PPCA-1	5.89	0.62	1.31	0.0	0.0	4.483	1412.	56.	8.	761.8	30.3	1
1392	0	452	37.8074	88.9757	-245.5	PPCA-1	6.13	2.81	1.13	0.458	2.488	5.435	1481.	33.	6.	760.7	30.5	1
1393	0	456	37.8074	88.9750	-246.5	PPCA-1	4.77	2.31	1.01	0.485	2.279	4.698	1422.	46.	9.	761.8	30.5	1
1394	0	460	37.8074	88.9742	-244.2	PPCA-1	6.15	3.38	1.18	0.550	2.867	5.211	1532.	34.	7.	761.8	30.4	1
1395	0	464	37.8073	88.9735	-245.2	PPCA-1	6.45	3.13	0.98	0.485	3.191	6.575	1463.	44.	5.	759.7	30.4	1
1396	0	464	37.8073	88.9727	-245.5	PPCA-1	8.80	2.49	0.85	0.283	2.919	10.309	1523.	34.	3.	760.7	30.4	1
1397	0	468	37.8073	88.9720	-243.7	PPCA-1	5.37	3.97	1.16	0.739	3.420	4.626	1564.	36.	4.	762.8	30.5	1
1398	0	472	37.8073	88.9712	-245.7	PPCA-1	6.96	3.01	1.03	0.433	2.921	6.745	1548.	35.	0.	760.7	30.5	1
1399	0	472	37.8072	88.9705	-246.0	PPCA-1	6.31	3.38	0.86	0.536	3.907	7.293	1476.	42.	5.	759.7	30.5	1
1400	0	472	37.8072	88.9698	-243.7	PPCA-1	9.64	3.81	0.94	0.396	4.074	10.299	1660.	24.	2.	761.8	30.5	1
1401	0	468	37.8072	88.9690	-243.0	PPCA-1	11.69	2.79	1.25	0.239	2.233	9.349	1627.	45.	2.	760.7	30.5	1
1402	0	464	37.8071	88.9682	-243.0	PPCA-1	7.60	2.44	1.37	0.320	1.785	5.571	1648.	31.	3.	759.7	30.5	1
1403	0	468	37.8071	88.9675	-242.0	PPCA-1	8.80	2.61	1.03	0.296	2.537	8.560	1670.	37.	6.	761.8	30.5	1
1404	0	468	37.8071	88.9668	-241.2	PPCA-1	8.98	2.02	1.21	0.225	1.674	7.432	1689.	27.	4.	761.8	30.5	1
1405	0	460	37.8070	88.9660	-240.7	PPCA-1	8.00	3.39	1.06	0.424	3.195	7.543	1610.	42.	6.	759.7	30.4	1
1406	10	460	37.8070	88.9652	-240.5	PPCA-1	7.12	1.45	1.08	0.0	0.0	6.593	1600.	43.	9.	761.8	30.4	1
1407	0	460	37.8070	88.9646	-240.2	PPCA-1	6.07	3.20	1.22	0.526	2.622	4.981	1536.	40.	8.	761.8	30.4	1
1408	0	460	37.8069	88.9638	-239.5	PPCA-1	5.71	2.57	1.12	0.451	2.289	5.078	1503.	27.	9.	759.7	30.4	1
1409	10	464	37.8069	88.9630	-239.5	PPCA-1	6.26	1.40	1.19	0.0	0.0	5.247	1535.	23.	11.	761.8	30.4	1
1410	0	460	37.8069	88.9623	-238.7	PPCA-1	7.86	2.52	1.08	0.320	2.337	7.307	1516.	46.	6.	762.8	30.4	1
1411	0	460	37.8069	88.9616	-237.7	PPCA-1	7.44	3.27	1.01	0.439	3.242	7.377	1594.	32.	8.	760.7	30.4	1
1412	10	460	37.8068	88.9608	-237.5	PPCA-1	9.07	1.31	1.03	0.0	0.0	8.838	1536.	40.	8.	761.2	30.5	1
1413	10	460	37.8068	88.9601	-237.2	PPCA-1	8.71	1.54	1.15	0.0	0.0	7.593	1486.	33.	5.	762.3	30.5	1
1414	10	464	37.8068	88.9594	-237.0	PPCA-1	7.59	1.12	1.19	0.0	0.0	6.384	1489.	42.	5.	760.7	30.4	1
1415	0	464	37.8068	88.9585	-236.2	PPCA-1	9.27	2.19	1.26	0.236	1.740	7.381	1562.	45.	4.	761.8	30.5	1
1416	0	468	37.8067	88.9578	-236.2	PPCA-1	7.78	2.66	1.07	0.342	2.490	7.281	1556.	34.	8.	762.8	30.5	1
1417	10	464	37.8067	88.9571	-235.5	PPCA-1	9.22	1.57	1.10	0.0	0.0	8.399	1583.	40.	6.	760.7	30.5	1
1418	0	464	37.8066	88.9564	-234.2	PPCA-1	7.78	3.88	0.97	0.499	3.997	8.010	1566.	42.	3.	759.7	30.5	1
1419	0	460	37.8066	88.9556	-232.7	PPCA-1	7.50	1.70	1.04	0.226	1.640	7.243	1662.	27.	7.	761.8	30.5	1
1420	10	460	37.8066	88.9549	-232.2	PPCA-1	7.01	1.19	1.54	0.0	0.0	4.544	1595.	42.	8.	760.7	30.5	1
1421	0	460	37.8066	88.9541	-232.2	QAL	7.20	2.75	1.29	0.381	2.126	5.573	1680.	31.	6.	759.7	30.4	1
1422	0	460	37.8065	88.9534	-232.2	QAL	7.51	2.92	1.06	0.389	2.742	7.056	1631.	40.	7.	761.8	30.5	1
1423	0	468	37.8065	88.9526	-233.0	QAL	7.29	3.09	0.99	0.424	3.110	7.333	1609.	40.	9.	761.2	30.5	1
1424	0	476	37.8065	88.9519	-232.2	QAL	7.10	1.88	1.06	0.265	1.770	6.677	1559.	48.	6.	759.2	30.5	1
1425	0	480	37.8065	88.9512	-231.2	QAL	5.36	4.84	0.79	0.902	6.151	6.816	1476.	42.	9.	760.2	30.6	1
1426	10	488	37.8064	88.9504	-231.0	QAL	5.60	0.35	1.08	0.0	0.0	5.181	1402.	34.	13.	761.2	30.6	1
1427	10	496	37.8064	88.9496	-231.0	QAL	5.69	1.62	1.03	0.0	0.0	5.541	1371.	44.	13.	760.2	30.5	1
1428	0	492	37.8064	88.9489	-231.5	QAL	6.32	2.35	0.95	0.372	2.482	6.675	1417.	57.	9.	760.7	30.5	1
1429	0	440	37.8064	88.9482	-232.7	QAL	5.17	1.97	0.86	0.381	2.296	6.026	1254.	29.	10.	760.7	30.5	1
1430	0	440	37.8063	88.9474	-229.7	QAL	7.06	2.47	0.78	0.350	3.153	9.015	1280.	32.	6.	758.7	30.5	1
1431	10	484	37.8063	88.9467	-227.7	PPCA-1	5.98	1.51	1.01	0.0	0.0	5.921	1360.	35.	8.	760.2	30.5	1

*	TAGS			* LOCATION		*						REDUCED DATA							*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS	
1432	10	504	37.8062	88.9460	-225.2	PPCA-1	6.92	1.44	0.91	0.0	0.0	7.567	1445.	35.	5.	762.3	30.6	1	
1433	0	504	37.8062	88.9452	-208.2	PPCA-1	5.41	4.60	1.14	0.851	4.038	4.743	1527.	42.	1.	759.2	30.6	1	
1434	0	480	37.8062	88.9444	-185.2	PPCA-1	6.92	3.32	1.10	0.479	3.016	6.295	1408.	46.	0.	758.7	30.5	1	
1435	0	476	37.8062	88.9437	-187.5	PPCA-1	6.52	3.30	0.99	0.506	3.316	6.556	1323.	33.	2.	761.8	30.5	1	
1436	0	488	37.8061	88.9429	-209.7	PPCA-1	6.50	2.90	0.79	0.446	3.682	8.247	1275.	34.	1.	760.7	30.5	1	
1437	0	480	37.8061	88.9422	-222.2	PPCA-1	4.72	1.82	1.17	0.386	1.552	4.020	1170.	40.	3.	759.7	30.4	1	
1438	0	480	37.8061	88.9415	-223.5	QAL	5.61	1.72	0.91	0.306	1.888	6.161	1156.	40.	6.	761.8	30.4	1	
1439	0	472	37.8060	88.9407	-224.7	QAL	6.74	1.83	0.90	0.272	2.028	7.463	1262.	48.	6.	761.8	30.4	1	
1440	0	468	37.8060	88.9399	-227.5	QAL	8.68	1.80	0.81	0.208	2.227	10.721	1420.	45.	8.	759.7	30.3	1	
1441	0	464	37.8059	88.9392	-229.5	QAL	5.34	3.22	1.03	0.603	3.134	5.197	1500.	49.	9.	761.2	30.3	1	
1442	0	460	37.8059	88.9385	-229.7	QAL	6.04	3.06	0.90	0.507	3.415	6.742	1455.	36.	11.	762.3	30.3	1	
1443	10	452	37.8059	88.9377	-229.7	QAL	7.04	1.04	1.11	0.0	0.0	6.326	1502.	29.	11.	760.2	30.3	1	
1444	0	420	37.8059	88.9370	-230.2	QAL	5.47	1.59	0.96	0.290	1.647	5.681	1351.	42.	11.	761.2	30.3	1	
1445	0	392	37.8058	88.9362	-230.2	QAL	5.20	1.97	0.98	0.379	2.016	5.317	1366.	32.	9.	761.2	30.3	1	
1446	10	404	37.8058	88.9355	-229.5	QAL	6.31	0.82	1.01	0.0	0.0	6.275	1373.	28.	11.	759.7	30.3	1	
1447	10	396	37.8058	88.9348	-227.2	QAL	5.78	0.30	0.72	0.0	0.0	8.057	1222.	47.	9.	760.7	30.3	1	
1448	10	400	37.8058	88.9340	-226.5	QAL	7.11	1.26	0.75	0.0	0.0	9.458	1269.	28.	8.	761.8	30.4	1	
1449	0	408	37.8057	88.9333	-227.2	QAL	6.27	2.85	0.64	0.454	4.464	9.830	1289.	38.	7.	759.7	30.4	1	
1450	0	416	37.8057	88.9325	-226.7	QAL	4.87	2.02	0.74	0.416	2.750	6.614	1265.	43.	8.	760.7	30.4	1	
1451	0	440	37.8057	88.9318	-224.7	QAL	7.15	2.43	0.80	0.340	3.023	8.887	1388.	38.	6.	761.8	30.4	1	
1452	0	472	37.8057	88.9310	-223.5	QAL	7.08	2.06	0.99	0.291	2.079	7.144	1499.	34.	10.	760.7	30.3	1	
1453	0	456	37.8056	88.9303	-222.7	QAL	4.97	1.89	0.95	0.381	1.998	5.248	1334.	45.	8.	761.2	30.3	1	
1454	0	456	37.8056	88.9295	-224.2	QAL	6.03	3.14	0.89	0.520	3.536	6.798	1379.	42.	5.	762.3	30.3	1	
1455	0	428	37.8055	88.9288	-225.5	QAL	5.74	2.25	0.81	0.391	2.772	7.082	1290.	47.	5.	760.2	30.3	1	
1456	0	428	37.8055	88.9281	-225.7	QAL	5.66	1.95	0.94	0.345	2.069	5.994	1223.	39.	3.	760.2	30.3	1	
1457	0	428	37.8055	88.9273	-223.2	QAL	2.63	3.56	0.79	1.353	4.509	3.333	1229.	43.	1.	761.8	30.3	1	
1458	10	416	37.8055	88.9266	-222.5	QAL	6.11	0.89	1.11	0.0	0.0	5.522	1207.	37.	2.	760.7	30.3	1	
1459	0	448	37.8054	88.9259	-223.2	QAL	5.02	2.99	0.94	0.596	3.197	5.363	1338.	36.	4.	759.7	30.3	1	
1460	0	456	37.8054	88.9251	-223.5	QAL	5.69	3.17	1.09	0.558	2.904	5.206	1393.	28.	2.	762.3	30.3	1	
1461	10	452	37.8054	88.9243	-222.2	QAL	6.21	1.45	0.99	0.0	0.0	6.270	1292.	47.	4.	762.3	30.3	1	
1462	0	452	37.8054	88.9236	-222.0	QAL	6.21	2.90	0.64	0.467	4.509	9.648	1220.	34.	4.	759.2	30.3	1	
1463	0	452	37.8053	88.9229	-222.0	QAL	4.45	1.85	1.11	0.417	1.676	4.023	1235.	49.	7.	761.2	30.3	1	
1464	0	444	37.8053	88.9221	-222.7	QAL	6.39	3.51	0.76	0.549	4.634	8.442	1336.	44.	6.	762.3	30.3	1	
1465	0	444	37.8053	88.9214	-222.7	QAL	4.74	4.33	1.04	0.913	4.170	4.570	1518.	43.	9.	759.7	30.3	1	
1466	0	440	37.8053	88.9206	-222.0	QAL	7.02	3.24	0.98	0.461	3.296	7.143	1490.	68.	4.	760.7	30.3	1	
1467	0	444	37.8052	88.9199	-221.0	QAL	7.71	3.22	1.14	0.418	2.829	6.766	1588.	46.	5.	761.8	30.4	1	
1468	0	440	37.8052	88.9191	-220.7	QAL	8.89	3.11	1.08	0.350	2.877	8.230	1653.	37.	3.	759.7	30.6	1	
1469	0	436	37.8052	88.9184	-219.5	QAL	7.37	3.74	1.16	0.507	3.234	6.381	1603.	35.	4.	760.7	30.7	1	
1470	10	436	37.8052	88.9177	-218.7	QAL	8.68	0.30	1.53	0.0	0.0	5.676	1552.	51.	6.	762.8	30.7	1	
1471	10	440	37.8051	88.9169	-220.5	PPCA-1	7.55	1.47	1.14	0.0	0.0	6.628	1534.	47.	8.	759.7	30.6	1	
1472	0	436	37.8051	88.9161	-221.2	PPCA-1	6.30	2.49	0.98	0.394	2.545	6.452	1528.	44.	9.	758.7	30.3	1	
1473	10	448	37.8050	88.9154	-219.0	PPCA-1	5.01	1.20	1.25	0.0	0.0	4.015	1508.	45.	6.	761.2	30.3	1	
1474	10	412	37.8050	88.9147	-218.7	PPCA-1	7.18	0.08	1.29	0.0	0.0	5.555	1430.	41.	12.	760.2	30.3	1	
1475	10	388	37.8050	88.9139	-220.2	PPCA-1	6.93	1.03	1.10	0.0	0.0	6.315	1421.	37.	9.	760.2	30.3	1	
1476	10	384	37.8050	88.9132	-220.7	PPCA-1	6.73	1.31	0.99	0.0	0.0	6.801	1462.	38.	7.	762.3	30.5	1	
1477	0	432	37.8049	88.9125	-220.7	PPM	8.11	1.71	1.08	0.211	1.585	7.525	1595.	33.	8.	761.2	30.6	1	
1478	0	424	37.8049	88.9117	-220.0	PPM	8.12	2.30	1.32	0.284	1.740	6.131	1709.	35.	9.	759.7	30.6	1	
1479	0	412	37.8049	88.9109	-219.5	PPM	7.68	2.70	1.30	0.351	2.069	5.895	1782.	32.	8.	761.8	30.6	1	
1480	0	388	37.8048	88.9102	-218.7	PPM	8.62	1.71	1.45	0.199	1.180	5.940	1744.	41.	5.	761.8	30.5	1	
1481	0	380	37.8048	88.9095	-216.0	PPM	8.23	1.87	1.30	0.228	1.439	6.323	1653.	44.	5.	759.7	30.3	1	
1482	0	372	37.8047	88.9087	-212.0	PPM	7.99	2.65	1.52	0.331	1.744	5.265	1736.	41.	5.	761.8	30.3	1	
1483	0	364	37.8047	88.9080	-214.2	PPM	7.10	2.42	1.30	0.341	1.868	5.483	1687.	38.	6.	761.8	30.3	1	
1484	0	364	37.8047	88.9072	-219.2	PPM	7.76	4.23	1.07	0.545	3.974	7.286	1587.	48.	1.	759.7	30.3	1	

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*	TAGS		* LOCATION		*			REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1485	0	324	37.8047	88.9065	-219.2		PPM	7.07	2.20	1.00	0.311	2.194	7.063	1440.	37.	4.	761.8	30.4	1
1486	0	328	37.8046	88.9057	-218.7		PPM	4.71	2.42	0.91	0.515	2.663	5.171	1330.	33.	6.	762.8	30.4	1
1487	0	344	37.8046	88.9050	-219.7		PPM	6.31	3.75	0.90	0.594	4.163	7.009	1396.	26.	4.	760.2	30.4	1
1488	0	364	37.8046	88.9043	-217.2		PPM	7.13	2.24	1.12	0.315	1.995	6.336	1488.	35.	8.	761.2	30.5	1
1489	0	392	37.8046	88.9035	-217.0		PPM	7.01	2.12	1.09	0.302	1.935	6.416	1535.	49.	5.	762.8	30.5	1
1490	10	404	37.8045	88.9027	-219.5		PPM	11.51	1.11	1.32	0.0	0.0	8.704	1744.	29.	0.	759.7	30.5	1
1491	0	400	37.8045	88.9020	-219.2		PPM	7.40	4.23	1.25	0.572	3.393	5.931	1678.	48.	1.	759.7	30.5	1
1492	0	392	37.8045	88.9012	-218.2		PPM	8.85	2.99	1.19	0.338	2.515	7.432	1730.	31.	5.	762.8	30.5	1
1493	0	384	37.8045	88.9005	-218.2		PPM	9.21	3.98	1.11	0.433	3.592	8.304	1754.	39.	2.	760.7	30.5	1
1494	0	384	37.8044	88.8998	-217.5		PPM	7.54	2.59	1.24	0.343	2.081	6.063	1773.	32.	1.	759.7	30.5	1
1495	0	380	37.8044	88.8991	-217.2		PPM	9.08	3.50	1.12	0.385	3.133	8.142	1708.	55.	2.	761.8	30.5	1
1496	0	384	37.8044	88.8983	-217.5		PPM	8.55	2.53	1.18	0.296	2.146	7.237	1717.	36.	2.	761.8	30.5	1
1497	0	384	37.8044	88.8976	-217.0		PPM	8.99	2.68	1.25	0.298	2.140	7.186	1713.	31.	0.	759.7	30.5	1
1498	0	396	37.8043	88.8969	-217.0		PPM	5.86	3.22	0.90	0.549	3.576	6.517	1534.	53.	3.	760.7	30.6	1
1499	0	396	37.8043	88.8960	-219.0		PPM	5.63	3.12	1.26	0.554	2.475	4.471	1570.	43.	1.	760.7	30.7	1
1500	0	404	37.8042	88.8953	-218.5		QAL	8.12	2.72	1.04	0.335	2.620	7.823	1551.	31.	2.	759.7	30.8	1
1501	0	428	37.8042	88.8946	-217.7		QAL	7.64	2.97	1.23	0.389	2.412	6.208	1560.	48.	5.	760.7	30.8	1
1502	0	424	37.8042	88.8938	-216.0		QAL	9.45	2.10	1.05	0.222	1.996	8.993	1598.	35.	1.	760.7	30.8	1
1503	0	412	37.8042	88.8931	-216.2		QAL	9.13	2.72	1.10	0.298	2.478	8.303	1610.	37.	6.	759.7	30.7	1
1504	10	404	37.8041	88.8923	-219.0		PPM	8.97	0.81	1.28	0.0	0.0	6.983	1666.	42.	6.	760.7	30.7	1
1505	0	404	37.8041	88.8916	-216.7		PPM	7.25	4.33	0.82	0.597	5.252	8.791	1697.	35.	8.	761.8	30.6	1
1506	0	404	37.8040	88.8908	-216.5		PPM	6.88	2.59	1.35	0.377	1.926	5.110	1614.	43.	8.	759.7	30.5	1
1507	10	380	37.8040	88.8901	-218.2		PPM	6.62	1.15	0.86	0.0	0.0	7.714	1415.	51.	12.	760.7	30.6	1
1508	0	364	37.8040	88.8894	-218.7		PPM	7.01	1.68	1.01	0.240	1.663	6.919	1440.	42.	11.	762.3	30.6	1
1509	10	396	37.8040	88.8887	-218.2		PPM	4.98	0.76	1.24	0.0	0.0	4.026	1407.	42.	14.	760.2	30.5	1
1510	10	420	37.8039	88.8878	-219.0		PPM	8.68	0.60	1.18	0.0	0.0	7.362	1528.	48.	12.	760.2	30.5	1
1511	0	412	37.8039	88.8871	-219.0		PPM	5.43	2.24	1.10	0.413	2.046	4.954	1536.	42.	8.	762.3	30.5	1
1512	0	404	37.8039	88.8864	-219.7		PPM	8.11	2.04	1.41	0.251	1.450	5.769	1599.	62.	5.	760.7	30.5	1
1513	0	404	37.8039	88.8856	-219.2		PPM	5.54	4.29	1.02	0.775	4.196	5.412	1593.	34.	4.	760.7	30.5	1
1514	0	400	37.8038	88.8849	-216.2		PPM	7.28	5.33	1.11	0.733	4.823	6.580	1692.	36.	0.	762.8	30.5	1
1515	0	404	37.8038	88.8842	-218.2		PPM	9.02	2.63	1.13	0.291	2.328	7.988	1619.	39.	0.	760.7	30.5	1
1516	0	408	37.8038	88.8835	-221.0		PPM	6.47	4.93	1.16	0.761	4.254	5.588	1633.	32.	0.	759.7	30.5	1
1517	0	408	37.8038	88.8826	-220.0		PPM	7.49	3.40	1.15	0.454	2.953	6.504	1645.	34.	2.	761.8	30.5	1
1518	0	412	37.8037	88.8819	-220.0		PPM	7.32	2.84	1.07	0.388	2.654	6.838	1601.	43.	0.	760.7	30.5	1
1519	0	404	37.8036	88.8812	-220.7		PPM	8.31	2.38	1.10	0.287	2.164	7.550	1644.	26.	1.	759.7	30.5	1
1520	0	420	37.8036	88.8804	-219.7		QAL	6.92	3.69	1.17	0.534	3.146	5.896	1530.	36.	2.	760.7	30.5	1
1521	0	400	37.8036	88.8797	-221.0		QAL	7.73	3.36	0.79	0.435	4.262	9.795	1339.	45.	3.	760.7	30.5	1
1522	0	408	37.8036	88.8790	-221.7		QAL	7.10	1.58	1.07	0.222	1.473	6.628	1346.	45.	5.	759.7	30.6	1
1523	10	412	37.8035	88.8782	-222.0		QAL	7.89	0.92	0.94	0.0	0.0	8.372	1304.	38.	6.	761.2	30.5	1
1524	0	416	37.8035	88.8774	-222.7		QAL	4.80	1.79	0.84	0.372	2.125	5.711	1289.	57.	11.	761.2	30.5	1
1525	0	420	37.8035	88.8767	-224.0		PPM	4.49	3.10	0.80	0.690	3.896	5.647	1280.	42.	8.	759.2	30.5	1
1526	0	436	37.8035	88.8760	-223.2		PPM	4.05	1.76	1.43	0.434	1.230	2.838	1395.	53.	9.	760.2	30.5	1
1527	0	444	37.8034	88.8752	-224.5		PPM	6.55	2.78	0.97	0.425	2.859	6.728	1388.	46.	4.	761.2	30.4	1
1528	0	440	37.8034	88.8744	-225.7		PPM	4.72	2.23	0.86	0.473	2.592	5.484	1232.	37.	2.	760.2	30.5	1
1529	10	440	37.8034	88.8737	-226.2		PPM	4.16	1.17	0.64	0.0	0.0	6.506	900.	37.	4.	760.7	30.4	1
1530	10	440	37.8034	88.8730	-226.7		QAL	3.12	-0.27	0.37	0.0	0.0	8.447	571.	42.	4.	761.8	30.4	1
1531	10	436	37.8033	88.8722	-226.0		QAL	2.38	0.70	0.28	0.0	0.0	8.599	433.	37.	6.	759.7	30.4	1
1532	11	432	37.8033	88.8715	-226.2		QAL	1.66	0.33	0.14	0.0	0.0	0.0	376.	41.	5.	760.2	30.4	1
1533	10	428	37.8032	88.8708	-227.2		QAL	1.95	-0.27	0.40	0.0	0.0	4.896	554.	38.	5.	761.8	30.4	1
1534	0	428	37.8032	88.8700	-225.0		QAL	2.38	2.13	0.51	0.894	4.219	4.716	802.	48.	5.	760.7	30.4	1
1535	10	428	37.8032	88.8693	-224.2		QAL	3.95	1.07	0.89	0.0	0.0	4.454	1089.	43.	3.	760.7	30.4	1
1536	0	424	37.8032	88.8685	-224.7		QAL	4.89	2.21	1.01	0.452	2.190	4.847	1254.	44.	6.	762.8	30.4	1
1537	0	416	37.8031	88.8678	-223.5		QAL	9.68	2.66	0.99	0.275	2.694	9.811	1394.	39.	0.	760.7	30.4	1

CP9 IP12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1538	0	412	37.8031	88.8670	-225.0	QAL	6.20	1.99	1.24	0.321	1.610	5.010	1457.	49.	7.	759.2	30.4	1
1539	0	380	37.8031	88.8663	-226.2	QAL	6.81	2.76	0.98	0.404	2.804	6.935	1361.	42.	6.	762.3	30.4	1
1540	10	380	37.8031	88.8656	-226.5	QAL	6.27	0.47	1.07	0.0	0.0	5.855	1327.	45.	13.	762.3	30.4	1
1541	10	420	37.8030	88.8648	-227.7	QAL	5.92	0.69	0.89	0.0	0.0	6.641	1318.	51.	14.	760.2	30.4	1
1542	10	420	37.8030	88.8640	-226.5	QAL	7.78	0.12	1.14	0.0	0.0	6.822	1341.	44.	12.	761.8	30.5	1
1543	0	424	37.8030	88.8633	-226.7	QAL	6.34	1.61	1.02	0.254	1.582	6.239	1406.	27.	6.	761.8	30.5	1
1544	10	412	37.8030	88.8626	-227.0	QAL	5.34	0.88	1.18	0.0	0.0	4.517	1425.	37.	11.	759.7	30.6	1
1545	0	404	37.8029	88.8618	-224.5	PPM	6.00	1.55	1.69	0.258	0.918	3.558	1482.	34.	4.	761.2	30.6	1
1546	0	416	37.8029	88.8611	-226.0	PPM	6.98	1.83	1.03	0.262	1.780	6.789	1447.	43.	6.	760.7	30.6	1
1547	0	428	37.8028	88.8604	-227.2	PPM	6.48	3.22	1.13	0.498	2.860	5.748	1506.	39.	4.	759.7	30.6	1
1548	0	424	37.8028	88.8596	-226.7	PPM	5.66	3.22	1.30	0.570	2.475	4.343	1499.	43.	0.	761.8	30.6	1
1549	0	416	37.8028	88.8588	-226.7	PPM	8.77	1.67	1.10	0.190	1.514	7.954	1528.	37.	4.	761.8	30.5	1
1550	0	412	37.8028	88.8581	-227.2	PPM	7.96	3.17	1.01	0.398	3.122	7.852	1573.	30.	3.	759.7	30.5	1
1551	0	412	37.8027	88.8574	-226.7	PPM	7.33	2.68	1.22	0.366	2.201	6.018	1618.	36.	4.	760.7	30.6	1
1552	0	372	37.8027	88.8566	-226.2	PPM	8.02	2.85	0.90	0.355	3.183	8.961	1435.	36.	2.	760.2	30.6	1
1553	0	388	37.8027	88.8559	-227.0	PPM	7.78	1.88	1.20	0.242	1.561	6.456	1585.	43.	7.	760.2	30.6	1
1554	0	400	37.8027	88.8552	-225.5	PPM	7.56	2.16	1.22	0.285	1.768	6.198	1604.	30.	5.	762.3	30.6	1
1555	0	400	37.8026	88.8543	-224.5	PPM	9.32	2.60	1.14	0.279	2.288	8.205	1661.	37.	3.	760.7	30.5	1
1556	0	392	37.8026	88.8536	-225.0	PPM	10.18	2.50	1.19	0.246	2.109	8.578	1637.	43.	4.	760.2	30.5	1
1557	0	384	37.8026	88.8529	-224.2	PPM	8.07	2.61	0.97	0.324	2.693	8.325	1593.	42.	3.	761.2	30.6	1
1558	0	384	37.8026	88.8522	-222.5	PPM	8.46	2.81	0.89	0.332	3.138	9.459	1594.	44.	3.	760.2	30.6	1
1559	0	392	37.8026	88.8514	-222.7	PPM	6.78	2.29	1.12	0.337	2.035	6.037	1595.	23.	5.	761.2	30.6	1
1560	0	400	37.8026	88.8507	-225.0	PPM	9.13	2.47	1.27	0.271	1.949	7.198	1559.	60.	3.	762.3	30.6	1
1561	0	404	37.8026	88.8499	-225.2	PPM	5.76	2.66	1.17	0.462	2.271	4.913	1515.	35.	1.	760.7	30.6	1
1562	0	372	37.8026	88.8492	-225.2	PPM	6.58	3.29	0.86	0.500	3.843	7.684	1350.	41.	0.	760.7	30.5	1
1563	0	356	37.8026	88.8483	-225.0	PPM	5.98	2.82	0.98	0.472	2.863	6.071	1404.	49.	4.	761.2	30.5	1
1564	0	396	37.8025	88.8476	-224.7	PPM	7.65	1.84	1.16	0.240	1.578	6.580	1532.	36.	4.	760.2	30.5	1
1565	0	360	37.8025	88.8468	-224.7	PPM	4.44	1.42	1.14	0.320	1.244	3.890	1428.	38.	6.	760.7	30.5	1
1566	10	392	37.8025	88.8461	-223.5	PPM	6.32	1.05	1.42	0.0	0.0	4.460	1644.	31.	8.	760.7	30.5	1
1567	0	404	37.8025	88.8453	-223.2	PPM	5.96	2.75	0.89	0.461	3.107	6.738	1604.	40.	6.	760.7	30.5	1
1568	0	408	37.8026	88.8445	-222.5	PPM	6.83	2.06	1.35	0.302	1.526	5.059	1585.	40.	3.	760.7	30.5	1
1569	0	400	37.8026	88.8438	-223.0	PPM	6.03	1.95	1.27	0.324	1.534	4.737	1461.	38.	4.	760.7	30.4	1
1570	0	388	37.8026	88.8431	-225.2	PPM	6.58	3.13	1.19	0.476	2.629	5.524	1471.	40.	2.	761.2	30.4	1
1571	0	356	37.8026	88.8423	-225.5	PPM	7.36	3.30	0.92	0.449	3.583	7.984	1450.	38.	1.	762.3	30.5	1
1572	0	368	37.8026	88.8416	-224.0	PPM	6.05	3.22	1.08	0.532	2.974	5.593	1490.	51.	1.	761.8	30.5	1
1573	0	380	37.8026	88.8407	-223.7	PPM	8.64	1.50	1.08	0.173	1.385	7.988	1534.	36.	3.	760.7	30.5	1
1574	0	384	37.8026	88.8400	-225.0	PPM	9.03	2.73	1.25	0.302	2.179	7.205	1605.	30.	1.	760.2	30.5	1
1575	0	372	37.8026	88.8392	-223.7	PPM	10.57	2.46	1.06	0.232	2.320	9.982	1582.	28.	2.	760.2	30.5	1
1576	0	364	37.8026	88.8385	-224.0	PPM	6.54	3.66	1.13	0.560	3.227	5.761	1735.	42.	2.	761.2	30.5	1
1577	10	356	37.8027	88.8377	-223.2	PPM	10.84	0.86	1.36	0.0	0.0	7.960	1727.	39.	2.	761.2	30.5	1
1578	0	352	37.8027	88.8370	-223.5	PPM	5.43	3.14	1.26	0.578	2.486	4.302	1600.	41.	4.	761.8	30.5	1
1579	0	352	37.8027	88.8362	-223.7	PPM	7.42	2.14	1.15	0.288	1.861	6.465	1611.	49.	6.	761.2	30.5	1
1580	0	316	37.8027	88.8355	-224.0	PPM	7.32	1.67	0.95	0.228	1.753	7.675	1483.	34.	5.	761.2	30.5	1
1581	0	308	37.8027	88.8347	-225.0	PPM	7.28	2.92	1.04	0.400	2.812	7.022	1490.	40.	5.	761.8	30.5	1
1582	0	332	37.8027	88.8339	-224.7	PPM	9.21	1.52	1.19	0.165	1.272	7.709	1643.	39.	6.	761.8	30.4	1
1583	0	324	37.8027	88.8331	-223.0	PPM	6.20	2.78	1.19	0.448	2.327	5.197	1674.	32.	8.	761.2	30.4	1
1584	0	328	37.8026	88.8324	-222.7	PPM	7.40	2.58	1.13	0.349	2.291	6.568	1542.	32.	7.	761.2	30.4	1
1585	0	316	37.8026	88.8316	-221.5	PPM	7.10	2.46	1.24	0.346	1.980	5.719	1597.	36.	5.	761.2	30.4	1
1586	0	320	37.8026	88.8309	-221.7	PPM	6.50	1.77	1.18	0.273	1.503	5.500	1579.	40.	7.	761.2	30.3	1
1587	0	304	37.8027	88.8301	-225.5	PPM	6.85	2.72	1.21	0.398	2.250	5.659	1496.	32.	2.	761.2	30.4	1
1588	0	300	37.8027	88.8294	-225.0	PPM	6.54	1.91	0.97	0.292	1.977	6.770	1449.	49.	4.	761.2	30.4	1
1589	0	332	37.8027	88.8286	-214.0	PPM	8.94	3.27	0.82	0.366	3.967	10.843	1524.	40.	2.	761.8	30.5	1
1590	0	316	37.8027	88.8279	-200.5	PPM	7.89	3.66	0.94	0.464	3.901	8.404	1532.	29.	0.	761.8	30.5	1

*	TAGS		* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1591	0	312	37.8027	88.8271	-193.2	PPM	5.27	2.43	1.06	0.462	2.296	4.972	1429.	40.	1.	761.2	30.5	1
1592	10	360	37.8027	88.8264	-190.7	QAL	8.82	1.23	1.43	0.0	0.0	6.163	1437.	38.	0.	761.8	30.5	1
1593	0	380	37.8027	88.8255	-188.7	QAL	7.36	3.19	1.17	0.433	2.732	6.306	1484.	33.	1.	762.3	30.5	1
1594	0	380	37.8027	88.8248	-188.0	QAL	9.35	3.10	1.04	0.332	2.997	9.029	1455.	37.	3.	761.2	30.6	1
1595	0	380	37.8027	88.8240	-189.5	QAL	6.92	2.38	1.25	0.343	1.894	5.520	1515.	52.	3.	760.2	30.6	1
1596	0	384	37.8027	88.8233	-190.7	QAL	5.92	2.57	1.27	0.434	2.021	4.661	1573.	44.	4.	760.7	30.6	1
1597	10	364	37.8027	88.8225	-188.2	PPM	9.54	0.34	1.21	0.0	0.0	7.857	1542.	31.	7.	761.8	30.6	1
1598	10	352	37.8027	88.8218	-185.7	PPM	6.82	1.01	1.31	0.0	0.0	5.224	1573.	45.	8.	761.2	30.6	1
1599	0	352	37.8027	88.8210	-185.0	PPM	7.31	2.74	1.04	0.374	2.627	7.022	1652.	46.	6.	760.7	30.5	1
1600	0	352	37.8027	88.8202	-183.7	PPM	7.95	3.29	1.32	0.414	2.487	6.006	1724.	35.	7.	760.7	30.5	1
1601	0	348	37.8027	88.8195	-180.5	PPM	9.62	1.50	1.34	0.156	1.122	7.205	1711.	25.	5.	760.7	30.6	1
1602	0	340	37.8027	88.8188	-181.2	PPM	8.14	3.87	1.18	0.476	3.293	6.922	1816.	39.	4.	761.2	30.6	1
1603	0	328	37.8027	88.8179	-179.7	PPM	8.41	1.54	1.49	0.183	1.033	5.629	1697.	40.	4.	760.7	30.6	1
1604	0	320	37.8027	88.8172	-174.2	PPM	5.64	2.59	1.18	0.459	2.189	4.764	1535.	44.	6.	760.2	30.6	1
1605	0	324	37.8028	88.8164	-175.5	PPM	7.63	2.85	1.25	0.374	2.274	6.084	1637.	38.	3.	761.2	30.6	1
1606	0	324	37.8028	88.8157	-175.7	PPM	8.40	2.05	1.00	0.244	2.054	8.402	1586.	50.	2.	760.7	30.8	1
1607	0	320	37.8028	88.8149	-174.0	PPM	9.93	2.72	1.31	0.274	2.078	7.579	1710.	53.	2.	760.2	30.7	1
1608	0	320	37.8028	88.8142	-175.0	PPM	6.20	2.69	1.21	0.434	2.232	5.144	1644.	34.	5.	760.7	30.8	1
1609	0	332	37.8028	88.8134	-174.0	PPM	10.25	4.64	0.99	0.453	4.713	10.404	1734.	31.	0.	760.2	30.8	1
1610	10	344	37.8028	88.8127	-170.0	PPM	8.42	0.75	1.21	0.0	0.0	6.973	1583.	46.	8.	760.7	30.8	1
1611	0	352	37.8028	88.8119	-170.0	PPM	7.32	1.48	1.45	0.202	1.023	5.058	1603.	39.	10.	761.2	30.8	1
1612	0	344	37.8028	88.8112	-168.2	PPM	6.97	2.26	1.25	0.324	1.807	5.574	1587.	37.	7.	760.2	30.8	1
1613	0	324	37.8028	88.8103	-165.7	PPM	7.12	2.45	0.92	0.344	2.675	7.784	1418.	40.	9.	760.7	30.7	1
1614	10	348	37.8028	88.8096	-165.0	PPM	7.71	1.07	1.03	0.0	0.0	7.502	1558.	47.	8.	760.7	30.7	1
1615	0	340	37.8029	88.8088	-165.0	PPM	6.91	2.67	1.28	0.387	2.081	5.380	1665.	37.	10.	760.2	30.8	1
1616	0	336	37.8029	88.8081	-163.5	PPM	8.26	3.06	1.26	0.370	2.421	6.542	1649.	36.	7.	761.2	30.7	1
1617	0	340	37.8029	88.8073	-161.7	PPM	8.28	2.17	1.23	0.262	1.765	6.743	1685.	35.	6.	759.7	30.6	1
1618	0	344	37.8029	88.8066	-159.2	PPM	9.45	2.12	1.35	0.224	1.566	6.993	1793.	34.	6.	759.7	30.6	1
1619	0	340	37.8029	88.8058	-156.5	PPM	6.19	2.85	1.30	0.460	2.185	4.749	1696.	41.	5.	761.8	30.6	1
1620	0	344	37.8029	88.8051	-155.7	PPM	8.60	2.46	0.97	0.286	2.540	8.897	1629.	29.	4.	759.7	30.6	1
1621	0	340	37.8029	88.8043	-162.0	PPM	6.31	3.50	1.04	0.554	3.365	6.072	1534.	39.	5.	759.7	30.5	1
1622	0	340	37.8029	88.8036	-167.5	PPM	7.92	2.91	1.12	0.368	2.606	7.084	1643.	39.	5.	760.7	30.6	1
1623	0	344	37.8028	88.8028	-166.5	PPM	8.49	1.57	1.43	0.185	1.094	5.916	1690.	42.	7.	759.7	30.6	1
1624	0	352	37.8029	88.8020	-164.0	PPM	8.61	2.25	1.08	0.262	2.095	7.997	1677.	34.	10.	760.7	30.6	1
1625	0	352	37.8029	88.8012	-161.7	PPM	9.28	2.37	1.35	0.255	1.757	6.878	1651.	41.	9.	760.7	30.6	1
1626	0	352	37.8029	88.8005	-158.2	PPM	10.00	2.38	1.17	0.238	2.028	8.517	1688.	42.	7.	759.7	30.6	1
1627	0	360	37.8029	88.7997	-155.0	PPM	8.58	3.07	1.24	0.358	2.489	6.947	1737.	39.	4.	761.8	30.6	1
1628	0	360	37.8029	88.7990	-152.5	PPM	7.92	2.19	1.43	0.276	1.535	5.558	1705.	43.	4.	760.7	30.6	1
1629	10	364	37.8029	88.7982	-149.5	PPM	8.90	1.17	1.47	0.0	0.0	6.045	1654.	40.	3.	759.7	30.6	1
1630	0	368	37.8029	88.7974	-146.5	PPM	8.02	2.22	1.52	0.277	1.457	5.263	1679.	35.	5.	761.8	30.6	1
1631	0	376	37.8029	88.7967	-143.7	QAL	6.33	2.72	1.25	0.430	2.180	5.074	1729.	41	8.	761.2	30.8	1
1632	0	380	37.8029	88.7959	-141.2	QAL	6.47	3.28	1.34	0.507	2.458	4.848	1686.	55	3.	759.2	30.7	1
1633	0	376	37.8029	88.7952	-139.2	QAL	8.63	1.61	1.34	0.187	1.205	6.444	1660.	[illegible]	4.	760.7	30.8	1
1634	0	376	37.8030	88.7944	-137.0	QAL	9.57	2.41	1.25	0.252	1.939	7.683	1627.	[illegible]5.	3.	761.8	30.8	1
1635	10	384	37.8030	88.7937	-134.2	QAL	6.14	1.31	1.14	0.0	0.0	5.395	1527.	[illegible]0.	10.	759.7	30.6	1
1636	0	388	37.8029	88.7929	-133.2	QAL	8.22	1.70	1.25	0.207	1.355	6.550	1533.	37.	13.	759.7	30.6	1
1637	0	388	37.8029	88.7922	-130.5	PPM	6.93	2.00	1.10	0.288	1.816	6.300	1445.	38.	11.	760.7	30.6	1
1638	0	388	37.8029	88.7914	-127.5	PPM	6.33	2.61	1.09	0.412	2.390	5.800	1554.	38.	12.	761.8	30.6	1
1639	0	340	37.8029	88.7907	-125.0	PPM	4.97	1.40	1.12	0.282	1.252	4.437	1585.	28.	13.	760.7	30.6	1
1640	0	360	37.8029	88.7899	-123.5	PPM	6.86	2.56	0.99	0.372	2.573	6.910	1676.	42.	11.	759.7	30.5	1
1641	0	368	37.8029	88.7892	-122.5	PPM	7.57	3.40	1.08	0.449	3.145	7.008	1698.	46.	6.	761.8	30.5	1
1642	0	364	37.8029	88.7883	-120.2	PPM	7.83	3.91	1.18	0.499	3.301	6.615	1699.	29.	4.	762.8	30.5	1
1643	0	364	37.8030	88.7876	-118.5	PPM	8.95	3.94	1.00	0.440	3.942	8.959	1679.	56.	1.	761.2	30.4	1

*	TAGS		* LOCATION		*			REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1644	0	360	37.8030	88.7868	-117.5	PPM	6.16	3.42	1.17	0.554	2.911	5.252	1692.	40.	2.	760.2	30.5	1
1645	0	352	37.8030	88.7861	-116.7	PPM	8.54	1.50	1.27	0.176	1.180	6.713	1661.	42.	1.	760.2	30.5	1
1646	0	352	37.8030	88.7853	-115.0	PPM	6.99	2.39	1.21	0.341	1.967	5.762	1638.	44.	0.	761.2	30.5	1
1647	0	364	37.8030	88.7846	-114.0	PPM	8.42	3.15	1.13	0.374	2.780	7.439	1668.	33.	0.	762.3	30.5	1
1648	0	372	37.8030	88.7838	-111.3	PPM	7.56	2.30	1.24	0.305	1.863	6.114	1609.	49.	0.	762.3	30.5	1
1649	0	368	37.8030	88.7831	-109.3	PPM	8.60	2.66	1.27	0.309	2.087	6.762	1636.	47.	0.	760.7	30.4	1
1650	0	352	37.8030	88.7823	-108.8	PPM	8.12	3.40	1.17	0.418	2.913	6.962	1585.	37.	0.	760.7	30.6	1
1651	0	360	37.8030	88.7816	-105.5	PPM	7.71	4.01	1.06	0.520	3.792	7.291	1643.	41.	0.	760.7	30.6	1
1652	0	364	37.8031	88.7807	-102.5	PPM	6.59	3.86	1.03	0.587	3.768	6.421	1614.	45.	0.	760.2	30.5	1
1653	0	364	37.8031	88.7800	-102.0	PPM	10.08	1.44	0.95	0.143	1.519	10.634	1559.	35.	0.	761.2	30.5	1
1654	0	364	37.8030	88.7793	-97.8	PPM	6.15	3.86	0.90	0.627	4.302	6.858	1568.	42.	0.	763.3	30.5	1
1655	0	360	37.8030	88.7785	-92.8	PPM	8.51	2.53	1.19	0.297	2.130	7.175	1572.	30.	4.	762.3	30.4	1
1656	0	360	37.8030	88.7777	-95.3	PPM	9.04	2.57	0.95	0.284	2.712	9.559	1506.	34.	1.	762.3	30.6	1
1657	0	360	37.8030	88.7770	-99.0	PPM	8.34	2.98	0.81	0.357	3.656	10.248	1533.	36.	2.	761.8	30.7	1
1658	0	364	37.8030	88.7762	-97.5	PPM	8.49	1.67	1.07	0.197	1.559	7.925	1556.	37.	5.	759.7	30.7	1
1659	0	364	37.8030	88.7755	-97.3	PPM	7.24	3.51	0.94	0.484	3.740	7.719	1647.	42.	0.	759.7	30.7	1
1660	0	364	37.8030	88.7747	-98.0	PPM	10.37	3.16	0.96	0.305	3.285	10.764	1629.	28.	0.	759.7	30.8	1
1661	0	368	37.8030	88.7739	-96.8	PPM	9.35	2.62	1.28	0.280	2.039	7.285	1615.	30.	1.	759.7	30.8	1
1662	0	376	37.8031	88.7731	-95.3	PPM	6.87	2.25	1.01	0.327	2.235	6.839	1557.	43.	5.	759.7	31.0	1
1663	0	380	37.8031	88.7724	-92.8	PPM	8.20	2.03	1.14	0.247	1.771	7.164	1599.	36.	5.	760.7	30.9	1
1664	0	384	37.8031	88.7716	-91.3	PPM	9.16	2.06	0.91	0.225	2.269	10.088	1551.	51.	7.	760.7	30.9	1
1665	0	388	37.8031	88.7709	-91.5	PPM	9.38	1.64	1.13	0.175	1.460	8.338	1598.	40.	4.	761.8	30.8	1
1666	0	388	37.8031	88.7701	-90.8	PPM	7.25	3.15	1.09	0.434	2.901	6.678	1551.	47.	7.	761.8	30.7	1
1667	0	392	37.8031	88.7694	-89.8	PPM	6.12	2.53	1.25	0.413	2.020	4.885	1577.	46.	12.	759.7	30.6	1
1668	10	396	37.8031	88.7686	-90.5	PPM	8.75	0.49	1.32	0.0	0.0	6.642	1588.	37.	8.	759.7	30.8	1
1669	10	400	37.8031	88.7679	-89.8	PPM	7.66	1.11	0.91	0.0	0.0	8.377	1620.	41.	13.	759.7	30.8	1
1670	10	404	37.8031	88.7671	-90.0	PPM	9.06	1.00	1.31	0.0	0.0	6.909	1520.	39.	9.	759.7	30.8	1
1671	10	404	37.8031	88.7664	-88.3	PPM	8.25	1.48	0.67	0.0	0.0	12.368	1467.	33.	10.	759.7	30.6	1
1672	0	388	37.8031	88.7655	-86.3	PPM	6.10	2.03	1.01	0.334	2.014	6.036	1471.	40.	8.	760.7	30.6	1
1673	0	384	37.8031	88.7648	-86.0	PPM	7.39	1.93	0.99	0.261	1.950	7.459	1470.	47.	11.	761.8	30.5	1
1674	0	404	37.8031	88.7640	-87.0	PPM	5.39	1.78	1.12	0.331	1.595	4.825	1502.	48.	10.	761.8	30.5	1
1675	0	400	37.8031	88.7633	-86.3	PPM	8.09	1.63	0.94	0.201	1.728	8.593	1519.	35.	9.	760.7	30.5	1
1676	0	396	37.8031	88.7625	-85.8	PPM	5.85	3.14	1.15	0.537	2.741	5.102	1531.	40.	7.	759.7	30.5	1
1677	0	392	37.8031	88.7618	-85.8	PPM	7.68	2.08	0.99	0.271	2.113	7.799	1428.	45.	5.	759.2	30.4	1
1678	0	356	37.8031	88.7610	-86.3	PPM	6.54	1.75	1.28	0.267	1.362	5.104	1447.	35.	5.	759.7	30.4	1
1679	0	332	37.8031	88.7603	-87.3	PPM	7.01	3.19	0.77	0.455	4.156	9.133	1365.	44.	0.	759.7	30.4	1
1680	0	324	37.8032	88.7595	-86.3	PPM	5.65	2.52	0.91	0.447	2.760	6.175	1459.	34.	0.	760.7	30.5	1
1681	0	324	37.8032	88.7588	-85.8	PPM	5.53	2.95	1.06	0.532	2.778	5.217	1450.	47.	2.	762.3	30.5	1
1682	0	320	37.8032	88.7579	-86.5	PPM	8.15	2.92	0.78	0.358	3.725	10.398	1413.	42.	0.	762.3	30.5	1
1683	0	320	37.8032	88.7572	-87.0	PPM	5.62	2.33	0.99	0.416	2.357	5.669	1423.	36.	5.	761.2	30.5	1
1684	0	312	37.8032	88.7564	-86.5	PPM	7.45	1.59	0.89	0.213	1.775	8.338	1345.	30.	4.	761.8	30.5	1
1685	0	312	37.8032	88.7557	-87.8	PPM	7.32	1.39	0.81	0.190	1.724	9.076	1409.	39.	5.	761.8	30.5	1
1686	0	312	37.8032	88.7549	-86.5	PPM	6.55	2.49	0.87	0.379	2.845	7.501	1415.	35.	5.	760.7	30.5	1
1687	0	312	37.8032	88.7542	-86.5	PPM	8.76	1.73	0.92	0.197	1.869	9.495	1444.	46.	5.	759.7	30.5	1
1688	0	324	37.8032	88.7534	-86.3	PPM	6.95	2.37	0.93	0.341	2.545	7.456	1463.	47.	9.	759.7	30.5	1
1689	0	376	37.8032	88.7527	-86.3	PPM	9.18	1.92	1.06	0.209	1.806	8.648	1621.	42.	7.	759.7	30.5	1
1690	0	380	37.8032	88.7519	-88.0	PPM	8.53	3.42	0.96	0.400	3.547	8.858	1687.	24.	10.	759.7	30.6	1
1691	0	360	37.8032	88.7512	-88.8	PPM	7.98	1.64	1.01	0.205	1.625	7.915	1557.	37.	12.	759.7	30.6	1
1692	10	340	37.8032	88.7504	-90.0	PPM	8.39	1.27	1.04	0.0	0.0	8.094	1465.	37.	13.	759.7	30.6	1
1693	0	364	37.8032	88.7496	-90.3	PPM	5.31	2.20	0.95	0.414	2.318	5.592	1425.	42.	13.	759.7	30.6	1
1694	0	396	37.8032	88.7488	-91.0	PPM	6.89	3.38	1.09	0.491	3.091	6.301	1486.	40.	14.	759.7	30.6	1
1695	0	396	37.8032	88.7481	-93.3	PPM	5.45	2.47	0.76	0.453	3.227	7.121	1519.	39.	14.	759.7	30.7	1
1696	0	400	37.8032	88.7473	-95.0	PPM	8.04	2.59	1.07	0.322	2.428	7.530	1534.	38.	9.	760.2	30.7	1

* TAGS *			* LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1697	0	404	37.8032	88.7466	-95.5	PPM	6.07	2.29	1.26	0.377	1.814	4.808	1507.	44.	12.	760.2	30.7	1
1698	0	408	37.8032	88.7458	-96.3	PPM	8.10	2.76	1.00	0.340	2.755	8.101	1536.	51.	6.	759.7	30.6	1
1699	10	408	37.8033	88.7450	-97.8	PPM	6.19	0.26	1.36	0.0	0.0	4.536	1506.	52.	11.	760.7	30.6	1
1700	0	404	37.8033	88.7443	-97.5	PPM	6.84	3.98	1.16	0.583	3.445	5.913	1635.	42.	5.	761.2	30.6	1
1701	0	400	37.8033	88.7436	-98.5	PPM	10.53	3.31	1.09	0.314	3.033	9.654	1648.	35.	3.	759.7	30.6	1
1702	0	388	37.8033	88.7428	-99.5	PPM	7.60	3.45	1.12	0.454	3.083	6.792	1737.	34.	0.	759.7	30.6	1
1703	0	388	37.8033	88.7421	-100.5	PPM	7.64	2.36	1.05	0.308	2.245	7.283	1636.	51.	0.	761.2	30.5	1
1704	0	392	37.8033	88.7412	-102.5	PPM	7.73	3.17	1.05	0.410	3.030	7.396	1644.	33.	0.	761.2	30.6	1
1705	0	392	37.8033	88.7405	-102.3	PPM	6.56	4.14	1.19	0.631	3.491	5.533	1597.	50.	0.	761.8	30.5	1
1706	0	360	37.8033	88.7397	-103.0	PPM	7.30	2.17	0.95	0.298	2.280	7.655	1474.	50.	1.	761.8	30.5	1
1707	0	336	37.8033	88.7390	-104.3	PPM	6.42	1.91	0.92	0.298	2.082	6.983	1405.	47.	3.	762.3	30.5	1
1708	0	336	37.8033	88.7383	-105.8	PPM	6.90	2.39	0.97	0.347	2.458	7.090	1438.	29.	4.	763.3	30.5	1
1709	0	332	37.8033	88.7375	-106.5	PPM	6.98	3.21	0.81	0.460	3.969	8.628	1415.	38.	4.	762.3	30.5	1
1710	10	360	37.8033	88.7367	-108.3	PPM	7.27	0.57	1.03	0.0	0.0	7.064	1414.	38.	8.	761.8	30.5	1
1711	0	368	37.8033	88.7360	-111.0	PPM	7.25	3.30	0.83	0.455	3.987	8.768	1478.	50.	4.	762.3	30.5	1
1712	0	372	37.8033	88.7352	-110.3	PPM	6.47	2.50	1.11	0.386	2.246	5.815	1594.	38.	5.	761.2	30.5	1
1713	0	368	37.8033	88.7344	-112.0	PPM	8.55	2.38	0.89	0.279	2.673	9.581	1568.	37.	5.	761.2	30.4	1
1714	0	360	37.8033	88.7337	-112.5	PPM	6.94	2.61	1.17	0.376	2.237	5.947	1631.	37.	5.	762.3	30.5	1
1715	0	356	37.8033	88.7329	-115.2	PPM	10.10	1.86	1.30	0.184	1.426	7.753	1676.	41.	1.	761.8	30.5	1
1716	0	356	37.8033	88.7322	-116.2	PPM	8.16	1.53	1.20	0.187	1.276	6.824	1648.	44.	5.	760.7	30.5	1
1717	0	356	37.8033	88.7314	-117.5	PPM	7.33	2.95	1.00	0.402	2.956	7.352	1579.	35.	4.	760.2	30.5	1
1718	0	368	37.8034	88.7307	-119.7	PPM	7.91	2.03	1.19	0.257	1.704	6.627	1537.	24.	2.	761.2	30.5	1
1719	0	336	37.8034	88.7299	-120.7	PPM	7.92	2.35	1.17	0.297	2.003	6.743	1574.	30.	2.	761.8	30.5	1
1720	10	352	37.8034	88.7292	-121.5	PPM	11.66	1.04	0.99	0.0	0.0	11.777	1594.	33.	1.	761.8	30.5	1
1721	0	336	37.8034	88.7283	-123.2	PPM	6.07	2.47	1.01	0.407	2.454	6.026	1470.	47.	3.	761.8	30.5	1
1722	0	356	37.8034	88.7276	-126.0	PPM	9.73	1.50	1.39	0.154	1.075	6.986	1676.	39.	0.	760.7	30.5	1
1723	0	356	37.8034	88.7269	-128.0	PPM	6.85	3.97	1.22	0.580	3.259	5.621	1675.	28.	2.	759.7	30.5	1
1724	0	348	37.8034	88.7261	-128.7	PPM	9.92	2.71	1.26	0.273	2.155	7.899	1644.	45.	1.	760.7	30.5	1
1725	0	344	37.8034	88.7253	-129.5	PPM	7.71	2.16	1.35	0.281	1.603	5.709	1708.	38.	5.	760.7	30.5	1
1726	0	348	37.8034	88.7246	-131.5	PPM	9.33	2.79	1.30	0.299	2.146	7.169	1686.	41.	3.	759.7	30.5	1
1727	0	348	37.8034	88.7238	-131.5	PPM	8.44	3.30	1.16	0.390	2.852	7.307	1741.	28.	5.	759.7	30.5	1
1728	0	348	37.8034	88.7231	-133.5	PPM	8.68	2.28	1.24	0.262	1.836	7.003	1707.	47.	8.	761.8	30.5	1
1729	10	360	37.8034	88.7223	-136.7	PPM	8.53	0.92	1.32	0.0	0.0	6.440	1760.	31.	5.	760.7	30.5	1
1730	0	352	37.8034	88.7215	-137.2	PPM	9.48	2.82	1.14	0.297	2.462	8.291	1690.	37.	6.	760.7	30.5	1
1731	0	348	37.8034	88.7207	-139.5	PPM	7.92	2.59	1.41	0.327	1.847	5.639	1689.	52.	2.	762.8	30.5	1
1732	0	352	37.8034	88.7200	-141.0	PPM	8.11	3.06	1.10	0.378	2.781	7.363	1683.	38.	2.	761.8	30.5	1
1733	0	360	37.8034	88.7193	-141.2	PPM	9.20	2.10	1.23	0.229	1.712	7.479	1655.	42.	1.	760.2	30.5	1
1734	0	356	37.8034	88.7185	-144.0	PPM	6.59	3.63	1.40	0.551	2.590	4.703	1592.	38.	0.	760.2	30.6	1
1735	0	328	37.8034	88.7177	-147.7	PPM	6.62	2.98	0.91	0.450	3.286	7.303	1458.	47.	1.	760.2	30.5	1
1736	0	368	37.8034	88.7170	-148.7	PPM	7.18	4.03	0.97	0.561	4.178	7.445	1617.	45.	0.	759.2	30.5	1
1737	0	372	37.8035	88.7162	-149.0	PPM	9.65	4.27	0.92	0.442	4.625	10.460	1626.	37.	0.	759.7	30.5	1
1738	0	372	37.8035	88.7155	-151.0	PPM	8.31	2.03	1.02	0.244	1.996	8.168	1572.	38.	0.	760.7	30.5	1
1739	0	356	37.8035	88.7147	-153.2	PPM	8.86	2.16	1.05	0.244	2.064	8.472	1527.	48.	0.	761.8	30.5	1
1740	0	352	37.8035	88.7140	-154.2	PPM	9.73	3.39	0.95	0.349	3.553	10.191	1566.	37.	0.	761.8	30.6	1
1741	0	380	37.8035	88.7131	-158.0	PPM	8.89	2.88	1.11	0.324	2.600	8.023	1700.	42.	0.	761.8	30.6	1
1742	0	388	37.8035	88.7124	-159.7	PPM	7.34	2.62	1.18	0.357	2.222	6.216	1668.	29.	0.	760.2	30.6	1
1743	0	392	37.8035	88.7117	-160.0	PPM	9.19	2.23	1.06	0.243	2.103	8.663	1680.	43.	4.	759.2	30.5	1
1744	0	396	37.8035	88.7109	-161.0	PPM	10.70	1.55	1.38	0.144	1.123	7.775	1641.	45.	4.	760.2	30.5	1
1745	10	400	37.8034	88.7101	-162.5	PPM	10.75	1.02	1.26	0.0	0.0	8.549	1620.	32.	6.	761.2	30.5	1
1746	0	404	37.8035	88.7094	-164.2	PPM	5.71	3.44	1.17	0.601	2.942	4.894	1591.	37.	9.	761.8	30.4	1
1747	10	412	37.8035	88.7086	-165.2	PPM	7.66	1.05	1.27	0.0	0.0	6.024	1591.	25.	10.	761.8	30.4	1
1748	10	480	37.8035	88.7079	-165.7	PPM	8.06	1.53	1.35	0.0	0.0	5.974	1767.	44.	9.	760.7	30.4	1
1749	0	364	37.8035	88.7071	-166.5	PPM	8.35	1.80	1.05	0.216	1.710	7.925	1469.	45.	3.	759.7	30.4	1

CP9 1P 12
CP9 1P 12

*	TAGS		* LOCATION		*			REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1750	0	360	37.8035	88.7064	-169.0		PPM	5.73	2.78	1.06	0.485	2.628	5.423	1537.	32.	8.	760.7	30.4	1
1751	0	356	37.8035	88.7056	-171.0		PPM	6.28	3.49	1.01	0.556	3.468	6.234	1623.	37.	7.	761.8	30.4	1
1752	0	376	37.8035	88.7048	-171.5		PPM	7.25	3.70	1.09	0.510	3.400	6.667	1604.	41.	4.	762.8	30.4	1
1753	0	376	37.8035	88.7040	-173.0		PPM	8.36	1.67	1.32	0.199	1.264	6.344	1659.	48.	5.	761.8	30.3	1
1754	0	380	37.8035	88.7033	-173.0		PPM	8.01	2.34	1.07	0.292	2.177	7.457	1613.	31.	6.	760.7	30.3	1
1755	0	380	37.8035	88.7025	-174.0		PPM	7.43	2.78	1.15	0.375	2.421	6.463	1602.	48.	9.	760.7	30.4	1
1756	0	380	37.8035	88.7018	-174.2		PPM	7.83	3.34	1.23	0.426	2.703	6.342	1634.	41.	7.	761.8	30.4	1
1757	0	380	37.8035	88.7010	-175.7		PPM	6.81	3.41	1.09	0.501	3.133	6.258	1690.	43.	9.	762.3	30.3	1
1758	0	384	37.8035	88.7003	-177.5		PPM	9.06	2.19	1.13	0.242	1.932	7.983	1667.	43.	11.	762.3	30.4	1
1759	0	384	37.8035	88.6995	-179.5		PPM	7.38	1.81	1.34	0.245	1.346	5.495	1633.	38.	9.	761.2	30.4	1
1760	0	392	37.8035	88.6988	-180.5		PPM	8.02	2.62	1.03	0.327	2.548	7.792	1593.	49.	7.	761.2	30.4	1
1761	0	400	37.8035	88.6979	-181.5		PPM	9.54	2.13	1.26	0.223	1.684	7.555	1643.	45.	9.	761.8	30.4	1
1762	0	400	37.8035	88.6972	-182.2		PPM	6.28	2.60	1.12	0.415	2.315	5.581	1675.	30.	8.	762.8	30.4	1
1763	0	400	37.8035	88.6964	-183.0		PPM	8.47	2.00	1.15	0.237	1.747	7.388	1596.	29.	4.	762.8	30.4	1
1764	0	404	37.8035	88.6957	-183.7		PPM	6.32	3.95	1.03	0.625	3.846	6.157	1594.	32.	6.	761.2	30.4	1
1765	0	412	37.8036	88.6949	-186.5		PPM	7.40	2.64	1.06	0.356	2.488	6.979	1607.	41.	5.	760.2	30.5	1
1766	0	420	37.8036	88.6942	-188.7		PPM	9.28	2.79	1.20	0.301	2.322	7.716	1613.	39.	1.	760.2	30.5	1
1767	0	428	37.8036	88.6934	-188.2		PPM	8.11	1.67	1.08	0.206	1.554	7.531	1554.	46.	3.	762.3	30.6	1
1768	0	436	37.8036	88.6927	-190.5		PPM	6.49	2.65	1.09	0.408	2.422	5.941	1534.	38.	8.	762.8	30.6	1
1769	10	444	37.8036	88.6919	-191.5		PPM	9.54	1.66	1.15	0.0	0.0	8.292	1558.	40.	7.	759.7	30.5	1
1770	0	456	37.8036	88.6912	-193.0		PPM	6.46	2.42	1.18	0.375	2.046	5.461	1553.	40.	8.	758.7	30.5	1
1771	10	464	37.8036	88.6904	-192.7		PPM	6.84	1.36	1.08	0.0	0.0	6.306	1554.	39.	10.	761.8	30.5	1
1772	10	472	37.8036	88.6897	-194.0		PPM	7.98	1.49	1.13	0.0	0.0	7.044	1494.	41.	12.	761.8	30.5	1
1773	0	428	37.8036	88.6888	-194.5		PPM	5.22	1.90	0.94	0.365	2.025	5.553	1364.	41.	8.	759.7	30.4	1
1774	0	432	37.8036	88.6881	-196.0		PPM	5.75	3.18	0.89	0.554	3.561	6.432	1419.	46.	7.	759.7	30.4	1
1775	0	432	37.8036	88.6873	-195.7		PPM	6.07	3.43	0.90	0.565	3.823	6.765	1393.	44.	4.	760.7	30.4	1
1776	0	464	37.8036	88.6866	-196.5		PPM	6.35	2.96	0.94	0.466	3.154	6.770	1397.	31.	0.	761.8	30.4	1
1777	10	464	37.8036	88.6858	-197.7		PPM	9.47	1.57	1.32	0.0	0.0	7.174	1569.	45.	3.	761.8	30.4	1
1778	0	456	37.8036	88.6850	-199.2		PPM	9.37	3.11	1.04	0.332	2.990	9.002	1659.	38.	2.	760.2	30.5	1
1779	0	452	37.8036	88.6843	-199.2		PPM	6.66	4.29	0.80	0.644	5.371	8.336	1552.	33.	0.	760.2	30.5	1
1780	0	456	37.8036	88.6836	-200.0		PPM	9.22	2.38	1.02	0.258	2.338	9.054	1630.	48.	2.	761.8	30.4	1
1781	0	452	37.8036	88.6828	-199.2		PPM	6.12	3.42	1.35	0.559	2.542	4.549	1602.	46.	4.	761.8	30.4	1
1782	0	452	37.8036	88.6821	-202.2		PPM	7.30	3.10	1.26	0.425	2.462	5.797	1648.	40.	1.	760.7	30.5	1
1783	10	452	37.8036	88.6814	-203.5		PPM	6.59	1.36	1.36	0.0	0.0	4.854	1560.	38.	5.	760.2	30.5	1
1784	0	456	37.8037	88.6806	-204.0		PPM	7.67	1.99	1.23	0.260	1.616	6.216	1539.	40.	5.	761.2	30.5	1
1785	10	464	37.8037	88.6799	-205.0		PPM	6.91	1.47	0.89	0.0	0.0	7.745	1474.	36.	8.	761.2	30.5	1
1786	0	472	37.8037	88.6792	-206.5		PPM	6.19	2.39	1.12	0.387	2.134	5.520	1474.	42.	6.	759.2	30.6	1
1787	0	472	37.8037	88.6785	-207.5		PPM	8.57	4.16	1.10	0.486	3.791	7.807	1502.	42.	0.	759.7	30.5	1
1788	0	468	37.8037	88.6778	-207.2		PPM	7.77	3.78	0.88	0.486	4.269	8.789	1592.	40.	1.	761.8	30.5	1
1789	0	464	37.8037	88.6771	-208.5		PPM	8.79	2.33	1.03	0.266	2.259	8.504	1508.	44.	1.	759.7	30.6	1
1790	0	464	37.8038	88.6765	-208.5		PPM	9.87	1.85	1.10	0.188	1.682	8.970	1577.	39.	0.	758.7	30.6	1
1791	0	464	37.8038	88.6758	-208.2		PPM	10.55	2.61	1.00	0.248	2.602	10.502	1536.	30.	0.	761.8	30.5	1
1792	0	472	37.8038	88.6751	-209.0		PPM	7.04	3.32	1.11	0.471	2.987	6.336	1499.	46.	3.	760.7	30.5	1
1793	0	476	37.8038	88.6743	-209.0		PPM	4.60	3.08	1.26	0.668	2.450	3.667	1507.	46.	4.	759.7	30.5	1
1794	0	472	37.8038	88.6736	-207.2		PPM	6.05	2.41	1.04	0.399	2.323	5.826	1487.	42.	4.	762.3	30.5	1
1795	0	468	37.8038	88.6730	-210.7		PPM	7.55	4.90	1.10	0.649	4.473	6.889	1546.	31.	2.	761.2	30.5	1
1796	0	468	37.8039	88.6723	-213.2		PPM	6.67	3.09	0.90	0.463	3.417	7.386	1543.	43.	6.	759.2	30.5	1
1797	0	460	37.8039	88.6716	-215.2		PPM	7.34	3.41	0.91	0.465	3.750	8.061	1609.	30.	5.	761.2	30.5	1
1798	0	448	37.8039	88.6709	-215.5		PPM	6.93	3.12	1.28	0.450	2.436	5.409	1617.	35.	9.	760.7	30.4	1
1799	0	444	37.8039	88.6702	-215.0		PPM	7.88	1.66	0.97	0.210	1.708	8.112	1573.	44.	9.	759.7	30.4	1
1800	0	440	37.8039	88.6695	-214.7		PPM	8.40	1.80	1.07	0.215	1.679	7.824	1509.	33.	6.	761.8	30.4	1
1801	0	444	37.8039	88.6689	-215.2		PPM	5.51	3.75	1.03	0.681	3.659	5.373	1548.	39.	9.	760.7	30.4	1
1802	0	444	37.8039	88.6682	-214.5		PPM	6.23	2.65	1.01	0.425	2.616	6.158	1555.	44.	13.	760.7	30.4	1

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1803	10	448	37.8040	88.6674	-215.0	PPM	8.48	0.82	1.05	0.0	0.0	8.088	1538.	38.	8.	762.8	30.4	1
1804	0	452	37.8040	88.6668	-217.0	PPM	7.86	2.36	0.82	0.300	2.865	9.537	1534.	40.	11.	761.8	30.4	1
1805	10	456	37.8040	88.6660	-217.0	PPM	7.51	1.08	0.88	0.0	0.0	8.537	1508.	46.	12.	760.2	30.4	1
1806	0	456	37.8040	88.6654	-217.7	PPM	6.04	2.55	0.92	0.422	2.776	6.581	1492.	40.	9.	762.3	30.4	1
1807	10	452	37.8040	88.6647	-219.7	PPM	7.00	1.30	1.02	0.0	0.0	6.856	1398.	33.	9.	762.3	30.4	1
1808	10	452	37.8040	88.6640	-220.2	PPM	6.66	1.28	0.92	0.0	0.0	7.231	1451.	44.	3.	761.2	30.5	1
1809	0	452	37.8041	88.6633	-220.5	PPM	8.68	2.17	1.20	0.250	1.811	7.237	1497.	41.	0.	761.8	30.5	1
1810	0	456	37.8041	88.6627	-221.7	PPM	6.57	4.37	1.33	0.664	3.284	4.945	1636.	39.	3.	761.8	30.6	1
1811	0	460	37.8041	88.6619	-222.5	PPM	6.93	4.42.	0.98	0.638	4.522	7.087	1592.	47.	0.	762.3	30.5	1
1812	0	456	37.8042	88.6612	-223.2	PPM	7.94	2.88	1.16	0.363	2.493	6.872	1612.	35.	0.	761.2	30.5	1
1813	0	460	37.8042	88.6605	-223.2	PPM	7.12	3.69	1.12	0.518	3.298	6.371	1523.	56.	0.	759.7	30.6	1
1814	0	452	37.8042	88.6598	-222.7	PPM	6.14	4.54	1.17	0.740	3.898	5.264	1553.	50.	1.	761.8	30.7	1
1815	0	436	37.8042	88.6592	-224.0	PPM	6.87	2.87	1.06	0.417	2.692	6.449	1487.	35.	0.	762.3	30.6	1
1816	0	432	37.8042	88.6584	-226.2	PPM	7.54	1.98	0.94	0.263	2.100	7.984	1614.	40.	5.	760.7	30.6	1
1817	0	420	37.8042	88.6578	-226.2	PPM	8.31	4.05	1.00	0.488	4.038	8.282	1633.	39.	3.	761.8	30.5	1
1818	0	416	37.8042	88.6571	-226.5	PPM	10.13	1.65	0.86	0.163	1.909	11.728	1585.	45.	7.	761.2	30.5	1
1819	0	424	37.8042	88.6564	-228.0	PPM	5.38	2.02	0.85	0.376	2.383	6.340	1523.	45.	6.	760.7	30.5	1
1820	0	432	37.8042	88.6557	-229.7	PPM	10.94	3.40	0.92	0.311	3.682	11.848	1644.	39.	4.	762.3	30.5	1
1821	0	440	37.8042	88.6549	-229.2	PPM	8.35	2.01	1.16	0.241	1.735	7.200	1485.	47.	5.	761.2	30.5	1
1822	0	444	37.8043	88.6544	-229.7	PPM	5.55	2.52	1.22	0.454	2.065	4.546	1586.	33.	9.	761.2	30.5	1
1823	0	444	37.8043	88.6536	-231.2	PPM	6.93	3.72	1.11	0.536	3.349	6.245	1528.	31.	6.	761.8	30.4	1
1824	10	448	37.8043	88.6529	-232.5	PPM	5.54	0.55	1.40	0.0	0.0	3.959	1498.	65.	9.	761.2	30.5	1
1825	0	448	37.8044	88.6522	-232.2	PPM	7.27	3.49	0.92	0.480	3.781	7.880	1577.	40.	7.	762.3	30.4	1
1826	0	444	37.8044	88.6516	-233.5	PPM	7.00	2.09	1.23	0.299	1.697	5.682	1485.	35.	5.	762.3	30.4	1
1827	0	436	37.8044	88.6508	-233.5	PPM	5.40	3.15	1.09	0.584	2.893	4.952	1527.	37.	6.	762.8	30.4	1
1828	0	428	37.8044	88.6502	-233.7	PPM	8.52	3.13	1.21	0.367	2.591	7.056	1653.	29.	0.	762.3	30.4	1
1829	0	412	37.8044	88.6495	-233.2	PPM	5.59	3.18	1.10	0.569	2.898	5.090	1593.	36.	0.	761.2	30.4	1
1830	0	396	37.8044	88.6488	-233.2	PPM	9.20	1.61	1.07	0.175	1.513	8.631	1463.	55.	2.	762.3	30.4	1
1831	0	396	37.8044	88.6481	-236.5	PPM	8.08	3.90	1.15	0.483	3.393	7.030	1583.	25.	0.	762.8	30.4	1
1832	0	400	37.8045	88.6474	-236.5	PPM	7.91	2.70	1.08	0.341	2.509	7.359	1547.	44.	0.	762.3	30.4	1
1833	0	400	37.8045	88.6467	-233.2	PPM	5.29	3.72	0.86	0.703	4.307	6.126	1497.	39.	2.	762.8	30.4	1
1834	0	404	37.8045	88.6460	-231.5	PPM	7.85	2.76	0.92	0.352	2.991	8.495	1507.	33.	4.	761.8	30.4	1
1835	10	408	37.8045	88.6453	-234.0	PPM	7.41	0.88	1.20	0.0	0.0	6.197	1468.	44.	12.	761.8	30.4	1
1836	10	412	37.8045	88.6446	-238.5	PPM	8.37	0.77	1.05	0.0	0.0	7.955	1469.	29.	12.	762.3	30.5	1
1837	0	424	37.8045	88.6440	-241.2	PPM	6.99	2.16	0.92	0.308	2.350	7.625	1564.	37.	14.	762.3	30.5	1
1838	10	436	37.8046	88.6433	-243.0	PPM	8.02	0.82	1.21	0.0	0.0	6.617	1557.	34.	14.	761.8	30.6	1
1839	0	448	37.8046	88.6425	-243.7	PPM	7.63	2.28	0.90	0.299	2.543	8.509	1580.	39.	14.	761.2	30.6	1
1840	0	448	37.8046	88.6419	-244.0	PPM	7.26	2.61	1.12	0.359	2.317	6.456	1578.	47.	11.	761.2	30.7	1
1841	0	448	37.8046	88.6411	-243.0	PPM	7.90	2.68	1.25	0.339	2.141	6.313	1582.	30.	10.	760.7	30.6	1
1842	0	456	37.8046	88.6405	-245.5	PPM	6.32	4.06	1.01	0.641	4.028	6.281	1483.	39.	6.	760.2	30.6	1
1843	0	460	37.8046	88.6398	-247.7	PPM	7.01	3.46	1.11	0.494	3.115	6.304	1541.	31.	3.	762.3	30.6	1
1844	10	460	37.8046	88.6391	-247.5	PPM	6.05	1.37	0.83	0.0	0.0	7.287	1301.	45.	2.	761.8	30.6	1
1845	0	464	37.8047	88.6384	-248.0	PPM	5.54	2.11	0.97	0.380	2.169	5.703	1312.	46.	4.	759.7	30.5	1
1846	0	464	37.8047	88.6377	-250.0	PPM	6.79	3.23	0.80	0.476	4.052	8.510	1462.	45.	6.	760.2	30.5	1
1847	0	460	37.8047	88.6370	-250.0	PPM	7.81	2.46	1.15	0.315	2.136	6.780	1502.	33.	5.	761.2	30.5	1
1848	0	452	37.8047	88.6363	-249.5	PPM	6.77	4.20	1.09	0.619	3.861	6.234	1681.	26.	9.	761.2	30.5	1
1849	0	448	37.8047	88.6357	-251.0	PPM	8.31	2.91	0.87	0.350	3.355	9.575	1592.	38.	8.	760.7	30.4	1
1850	0	452	37.8047	88.6349	-253.2	PPM	9.74	1.87	1.28	0.192	1.461	7.612	1645.	38.	10.	760.7	30.5	1
1851	0	460	37.8048	88.6343	-254.5	PPM	5.58	2.46	1.24	0.441	1.980	4.491	1672.	33.	16.	761.8	30.4	1
1852	0	468	37.8048	88.6335	-255.7	PPM	9.49	1.81	1.25	0.191	1.445	7.572	1609.	44.	10.	761.2	30.4	1
1853	0	472	37.8048	88.6329	-257.5	PPM	4.10	2.88	1.29	0.702	2.231	3.177	1614.	43.	13.	760.2	30.4	1
1854	10	476	37.8048	88.6322	-257.7	PPM	6.74	1.64	1.48	0.0	0.0	4.561	1511.	35.	9.	761.2	30.5	1
1855	0	480	37.8048	88.6315	-258.5	PPM	7.03	2.50	1.03	0.356	2.422	6.807	1473.	42.	9.	761.2	30.6	1

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* ID	TAGS QUAL	ALT	LAT	* LOCATION LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
1856	0	484	37.8048	88.6308	-259.2		PPM	6.82	2.06	0.94	0.303	2.193	7.245	1484.	38.	4.	760.7	30.6	1
1857	0	488	37.8049	88.6301	-261.2		PPM	6.08	3.13	1.07	0.515	2.935	5.695	1458.	52.	4.	761.2	30.5	1
1858	0	488	37.8049	88.6294	-262.5		PPM	7.02	3.61	1.32	0.514	2.738	5.330	1461.	45.	3.	761.2	30.5	1
1859	0	484	37.8049	88.6287	-262.7		PPM	5.65	2.35	1.14	0.415	2.052	4.938	1450.	43.	2.	760.7	30.5	1
1860	0	480	37.8049	88.6281	-264.0		PPM	7.17	2.53	1.06	0.353	2.391	6.779	1512.	31.	4.	761.2	30.5	1
1861	0	472	37.8049	88.6273	-265.7		PPM	7.75	2.61	1.07	0.337	2.435	7.218	1510.	45.	4.	761.2	30.4	1
1862	0	468	37.8049	88.6267	-266.2		PPM	6.47	4.33	1.15	0.670	3.778	5.639	1526.	52.	5.	761.2	30.4	1
1863	0	464	37.8049	88.6259	-267.7		PPM	8.30	2.82	1.33	0.340	2.126	6.250	1598.	42.	4.	761.8	30.4	1
1864	0	464	37.8050	88.6253	-268.2		PPM	7.76	1.96	1.25	0.252	1.571	6.227	1615.	46.	9.	761.2	30.5	1
1865	10	460	37.8050	88.6246	-269.7		PPM	6.56	1.36	0.89	0.0	0.0	7.336	1521.	34.	11.	762.3	30.5	1
1866	10	460	37.8050	88.6239	-270.2		PPM	9.39	0.98	0.99	0.0	0.0	9.450	1531.	31.	11.	762.3	30.5	1
1867	0	452	37.8050	88.6232	-271.7		PPM	7.20	2.94	1.17	0.408	2.510	6.147	1519.	46.	12.	760.7	30.5	1
1868	0	452	37.8050	88.6225	-273.7		PPM	8.24	2.84	0.87	0.344	3.243	9.418	1578.	41.	8.	761.2	30.5	1
1869	0	444	37.8050	88.6218	-274.2		PPM	7.38	3.01	0.96	0.408	3.145	7.717	1583.	35.	11.	761.2	30.5	1
1870	10	440	37.8051	88.6211	-276.2		PPM	8.24	1.43	1.11	0.0	0.0	7.437	1536.	40.	10.	760.7	30.5	1
1871	0	436	37.8051	88.6205	-277.2		PPM	7.11	2.58	0.89	0.363	2.884	7.948	1639.	35.	9.	761.2	30.5	1
1872	0	432	37.8051	88.6197	-280.0		PPM	5.92	3.15	0.93	0.532	3.377	6.343	1626.	47.	5.	761.2	30.5	1
1873	0	432	37.8051	88.6190	-281.2		PPM	8.92	2.42	0.85	0.271	2.844	10.506	1584.	27.	5.	761.8	30.4	1
1874	0	424	37.8051	88.6183	-284.0		PPM	5.90	3.25	1.16	0.552	2.794	5.063	1559.	37.	7.	761.8	30.5	1
1875	0	420	37.8051	88.6176	-283.0		PPM	8.27	2.24	1.02	0.271	2.190	8.074	1551.	46.	4.	761.2	30.5	1
1876	0	412	37.8051	88.6170	-284.0		PPM	6.55	2.43	1.14	0.371	2.137	5.768	1524.	46.	7.	761.8	30.5	1
1877	10	364	37.8052	88.6163	-286.5		PPM	9.05	1.03	0.95	0.0	0.0	9.486	1438.	39.	3.	761.8	30.5	1
1878	0	372	37.8052	88.6156	-288.5		PPM	5.65	1.43	1.15	0.252	1.237	4.902	1384.	42.	3.	762.3	30.5	1
1879	0	384	37.8052	88.6149	-290.5		PPM	5.63	3.11	0.83	0.552	3.766	6.826	1367.	37.	2.	762.8	30.5	1
1880	0	412	37.8052	88.6142	-291.2		PPM	6.42	2.09	1.25	0.326	1.673	5.138	1396.	46.	2.	761.2	30.5	1
1881	0	432	37.8052	88.6135	-292.2		PPM	8.25	3.40	0.88	0.413	3.880	9.399	1525.	44.	4.	762.3	30.5	1
1882	0	428	37.8052	88.6129	-293.0		PPM	6.70	2.83	0.90	0.423	3.165	7.479	1546.	45.	0.	761.2	30.5	1
1883	0	412	37.8053	88.6121	-294.0		PPM	6.09	2.78	1.03	0.457	2.697	5.909	1451.	35.	4.	760.7	30.5	1
1884	10	432	37.8053	88.6114	-296.0		PPM	8.65	0.93	1.19	0.0	0.0	7.249	1541.	43.	0.	761.8	30.5	1
1885	10	444	37.8053	88.6107	-294.7		PPM	8.36	0.74	1.31	0.0	0.0	6.406	1511.	40.	4.	760.7	30.6	1
1886	0	452	37.8053	88.6100	-295.5		PPM	6.96	3.32	1.07	0.477	3.120	6.506	1558.	49.	2.	760.7	30.6	1
1887	0	460	37.8053	88.6094	-298.2		PPM	8.07	3.41	1.03	0.423	3.320	7.856	1648.	39.	0.	761.8	30.6	1
1888	0	468	37.8053	88.6087	-300.7		PPM	8.13	3.08	1.35	0.378	2.272	6.005	1675.	43.	5.	759.7	30.6	1
1889	0	464	37.8053	88.6080	-301.2		PPM	5.43	4.97	0.89	0.917	5.600	6.108	1530.	51.	4.	759.7	30.6	1
1890	10	468	37.8054	88.6073	-302.0		PPM	8.82	1.05	1.22	0.0	0.0	7.218	1649.	39.	12.	760.2	30.6	1
1891	10	480	37.8054	88.6066	-301.2		PPM	8.21	1.77	1.11	0.0	0.0	7.375	1626.	51.	11.	759.2	30.6	1
1892	0	488	37.8054	88.6059	-304.5		PPM	4.81	2.78	1.24	0.579	2.240	3.870	1622.	47.	12.	761.2	30.6	1
1893	0	484	37.8054	88.6052	-309.7		PPM	10.10	2.13	1.07	0.211	1.988	9.431	1685.	28.	11.	761.2	30.5	1
1894	0	488	37.8054	88.6045	-309.7		PPM	7.64	3.01	0.88	0.394	3.422	8.689	1563.	37.	13.	759.2	30.5	1
1895	10	488	37.8054	88.6038	-311.0		PPM	8.36	1.23	1.44	0.0	0.0	5.810	1730.	47.	10.	760.2	30.5	1
1896	0	484	37.8055	88.6031	-313.2		PPM	7.53	2.21	1.01	0.293	2.187	7.454	1571.	44.	12.	760.2	30.5	1
1897	10	484	37.8055	88.6024	-313.7		PPM	9.51	1.76	1.16	0.0	0.0	8.212	1581.	41.	9.	759.2	30.6	1
1898	0	500	37.8055	88.6018	-315.0		PPM	6.25	3.39	1.10	0.542	3.081	5.683	1537.	47.	8.	760.2	30.7	1
1899	0	508	37.8055	88.6011	-317.5		PPM	7.66	3.70	1.06	0.483	3.477	7.199	1645.	30.	8.	761.2	30.7	1
1900	10	520	37.8055	88.6004	-318.7		PPM	7.17	1.21	0.95	0.0	0.0	7.516	1514.	42.	10.	760.2	30.8	1
1901	10	524	37.8055	88.5997	-320.5		PPM	8.17	0.90	1.08	0.0	0.0	7.541	1620.	37.	9.	760.2	30.6	1
1902	10	524	37.8056	88.5989	-322.7		PPM	7.13	1.20	1.41	0.0	0.0	5.051	1641.	46.	6.	761.2	30.6	1
1903	0	516	37.8056	88.5983	-324.5		PPM	6.63	2.16	1.01	0.326	2.133	6.549	1586.	42.	9.	759.7	30.5	1
1904	0	516	37.8056	88.5976	-324.2		QAL	10.30	2.29	1.37	0.223	1.668	7.493	1603.	44.	3.	759.7	30.5	1
1905	0	516	37.8056	88.5969	-324.5		QAL	7.58	2.22	1.19	0.292	1.866	6.386	1538.	30.	5.	761.8	30.5	1
1906	10	524	37.8056	88.5962	-326.2		QAL	9.64	1.25	1.39	0.0	0.0	6.933	1597.	36.	4.	760.7	30.5	1
1907	0	524	37.8056	88.5956	-328.7		QAL	6.86	3.95	1.18	0.576	3.348	5.810	1532.	34.	0.	758.7	30.5	1
1908	0	524	37.8056	88.5948	-329.5		QAL	7.79	4.23	0.91	0.543	4.668	8.595	1536.	32.	3.	761.2	30.6	1

*	TAGS		* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	CDS	UAIR	PRESS	TEMP	SYS
1909	0	528	37.8057	88.5942	-330.7	QAL	5.07	3.16	1.10	0.623	2.876	4.618	1496.	47.	5.	762.3	30.6	1
1910	0	528	37.8057	88.5935	-332.7	QAL	5.63	4.08	0.98	0.725	4.167	5.747	1477.	36.	1.	759.2	30.6	1
1911	10	496	37.8057	88.5927	-333.7	QAL	9.96	1.09	1.13	0.0	0.0	8.855	1466.	38.	7.	759.2	30.5	1
1912	0	516	37.8057	88.5920	-335.0	QAL	6.54	3.48	1.04	0.532	3.331	6.258	1574.	33.	5.	761.2	30.5	1
1913	0	532	37.8057	88.5914	-336.2	QAL	4.81	3.68	0.81	0.766	4.568	5.963	1532.	31.	12.	761.2	30.5	1
1914	10	528	37.8057	88.5907	-337.2	QAL	7.41	0.64	1.27	0.0	0.0	5.823	1565.	25.	15.	759.2	30.5	1
1915	0	520	37.8058	88.5900	-336.5	QAL	8.72	2.41	1.01	0.277	2.388	8.625	1506.	34.	13.	760.2	30.5	1
1916	10	516	37.8058	88.5893	-337.0	QAL	8.29	1.57	1.25	0.0	0.0	6.627	1564.	31.	12.	761.8	30.5	1
1917	10	512	37.8058	88.5886	-339.0	QAL	8.56	0.56	1.28	0.0	0.0	6.678	1518.	46.	8.	760.7	30.5	1
1918	0	512	37.8058	88.5880	-338.2	QAL	7.02	2.10	1.08	0.298	1.947	6.524	1503.	45.	10.	759.7	30.5	1
1919	0	516	37.8058	88.5871	-339.5	QAL	6.96	2.27	1.27	0.325	1.785	5.484	1462.	45.	6.	760.7	30.5	1
1920	0	512	37.8058	88.5864	-345.0	QAL	7.49	2.40	1.04	0.320	2.310	7.218	1503.	34.	7.	762.8	30.5	1
1921	0	468	37.8058	88.5856	-351.0	QAL	5.69	3.93	0.90	0.692	4.365	6.310	1439.	28.	4.	761.8	30.5	1
1922	0	460	37.8058	88.5849	-352.7	QAL	7.40	1.82	0.67	0.245	2.726	11.103	1376.	38.	5.	760.7	30.5	1
1923	0	472	37.8058	88.5840	-354.2	QAL	7.90	2.64	0.92	0.334	2.870	8.590	1574.	38.	2.	761.2	30.5	1
1924	0	480	37.8058	88.5833	-355.5	QAL	8.85	2.78	1.14	0.314	2.447	7.783	1596.	42.	0.	762.3	30.5	1
1925	0	484	37.8058	88.5826	-354.5	QAL	7.31	1.62	1.56	0.222	1.042	4.690	1627.	32.	0.	762.3	30.5	1
1926	0	488	37.8058	88.5817	-354.7	PPM	9.09	3.05	1.28	0.336	2.390	7.119	1602.	46.	0.	760.2	30.6	1
1927	0	492	37.8058	88.5810	-355.7	PPM	7.82	4.15	1.28	0.531	3.251	6.127	1758.	35.	0.	759.7	30.6	1
1928	0	500	37.8059	88.5802	-358.0	PPM	6.25	4.00	1.38	0.641	2.910	4.544	1671.	42.	0.	761.8	30.6	1
1929	0	504	37.8059	88.5795	-358.2	PPM	5.03	5.84	0.98	1.161	5.949	5.125	1538.	37.	2.	762.8	30.6	1
1930	0	504	37.8059	88.5787	-359.5	PPM	8.36	3.30	0.98	0.395	3.354	8.499	1632.	41.	0.	762.3	30.6	1
1931	0	504	37.8059	88.5779	-360.5	PPM	7.34	3.77	1.19	0.514	3.179	6.182	1574.	34.	3.	761.2	30.5	1
1932	0	496	37.8059	88.5772	-360.7	PPM	6.63	3.46	1.26	0.522	2.750	5.268	1623.	36.	5.	761.2	30.5	1
1933	0	484	37.8059	88.5764	-360.0	PPM	10.12	2.63	1.27	0.260	2.066	7.958	1687.	34.	4.	761.8	30.5	1
1934	0	488	37.8059	88.5755	-361.7	PPM	6.63	3.22	1.12	0.486	2.876	5.921	1692.	41.	7.	761.8	30.5	1
1935	0	492	37.8059	88.5748	-363.2	PPM	8.43	2.98	1.38	0.353	2.153	6.091	1776.	30.	9.	760.7	30.5	1
1936	0	488	37.8059	88.5741	-365.0	PPM	10.40	3.20	1.07	0.307	2.973	9.679	1684.	36.	7.	759.7	30.5	1
1937	10	496	37.8059	88.5732	-365.2	PPM	8.33	0.46	1.37	0.0	0.0	6.100	1678.	51.	9.	759.7	30.5	1
1938	10	504	37.8059	88.5726	-366.2	PPM	8.97	-0.57	1.19	0.0	0.0	7.524	1570.	54.	12.	760.7	30.5	1
1939	10	508	37.8059	88.5717	-367.0	PPM	7.88	1.19	1.14	0.0	0.0	6.914	1542.	55.	12.	762.8	30.5	1
1940	0	504	37.8059	88.5710	-368.2	PPM	5.21	2.72	1.12	0.522	2.414	4.628	1541.	37.	12.	762.8	30.5	1
1941	10	504	37.8059	88.5702	-369.7	QAL	7.39	0.93	1.45	0.0	0.0	5.098	1515.	45.	12.	760.7	30.5	1
1942	0	504	37.8059	88.5694	-368.0	QAL	9.38	2.97	1.12	0.316	2.649	8.382	1525.	48.	8.	759.7	30.5	1
1943	0	504	37.8059	88.5687	-369.7	PPM	9.36	3.11	1.11	0.332	2.788	8.404	1583.	47.	9.	760.7	30.5	1
1944	0	504	37.8059	88.5679	-371.2	PPM	4.89	4.22	1.09	0.863	3.878	4.493	1599.	46.	10.	761.8	30.5	1
1945	10	504	37.8059	88.5671	-371.5	PPM	7.87	1.26	1.23	0.0	0.0	6.376	1554.	32.	10.	762.8	30.5	1
1946	0	504	37.8059	88.5664	-372.0	PPM	7.84	3.31	1.28	0.422	2.595	6.147	1684.	28.	6.	762.8	30.5	1
1947	0	500	37.8059	88.5656	-372.0	PPM	5.45	2.94	1.09	0.539	2.696	4.999	1636.	42.	11.	762.8	30.5	1
1948	10	492	37.8059	88.5648	-373.7	PPM	5.88	1.32	1.05	0.0	0.0	5.597	1567.	43.	13.	761.8	30.5	1
1949	0	480	37.8059	88.5641	-373.2	PPM	6.26	2.20	1.07	0.351	2.060	5.862	1586.	48.	9.	760.7	30.5	1
1950	0	476	37.8059	88.5633	-374.2	PPM	7.39	3.03	1.25	0.410	2.419	5.902	1622.	38.	10.	760.7	30.6	1
1951	0	484	37.8059	88.5625	-375.2	PPM	8.44	2.06	1.56	0.244	1.315	5.397	1615.	34.	7.	760.7	30.5	1
1952	0	496	37.8059	88.5617	-375.2	PPM	10.18	3.33	0.84	0.327	3.990	12.183	1591.	31.	4.	761.8	30.5	1
1953	0	496	37.8059	88.5610	-374.7	QAL	5.05	1.73	1.13	0.342	1.523	4.458	1507.	41.	5.	762.8	30.5	1
1954	0	496	37.8059	88.5602	-375.7	QAL	5.74	2.41	1.23	0.419	1.957	4.672	1506.	37.	1.	762.8	30.5	1
1955	10	500	37.8059	88.5594	-376.7	QAL	6.83	0.67	1.38	0.0	0.0	4.937	1494.	49.	3.	761.8	30.5	1
1956	0	504	37.8060	88.5586	-377.2	QAL	6.22	4.30	1.11	0.691	3.886	5.625	1488.	37.	0.	760.7	30.5	1
1957	0	508	37.8060	88.5579	-378.2	QAL	6.12	3.59	1.19	0.586	3.015	5.147	1436.	37.	0.	759.7	30.6	1
1958	0	512	37.8060	88.5571	-377.2	QAL	6.90	2.25	1.13	0.326	1.995	6.120	1508.	38.	2.	759.7	30.6	1
1959	10	516	37.8060	88.5563	-376.7	PPM	5.49	1.54	1.52	0.0	0.0	3.612	1512.	37.	4.	761.2	30.6	1
1960	0	512	37.8060	88.5556	-372.7	PPM	6.70	2.24	0.93	0.334	2.396	7.171	1367.	53.	4.	762.3	30.7	1
1961	0	520	37.8060	88.5548	-370.5	PPM	6.90	3.34	0.95	0.485	3.508	7.240	1553.	37.	7.	761.8	30.7	1

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1962	10	516	37.8060	88.5541	-372.5	PPM	8.36	-0.27	0.98	0.0	0.0	8.502	1475.	35.	11.	761.8	30.7	1
1963	0	512	37.8060	88.5533	-373.5	PPM	6.07	5.60	1.24	0.923	4.530	4.910	1630.	39.	7.	761.8	30.7	1
1964	0	516	37.8060	88.5525	-376.7	PPM	7.60	2.68	1.20	0.352	2.225	6.314	1587.	46.	6.	760.2	30.8	1
1965	0	512	37.8060	88.5518	-379.5	PPM	7.07	2.36	1.42	0.333	1.664	4.993	1665.	30.	9.	759.7	30.9	1
1966	0	512	37.8060	88.5510	-382.0	PPM	7.65	2.24	1.04	0.293	2.147	7.325	1506.	41.	8.	759.7	30.9	1
1967	0	516	37.8060	88.5502	-383.7	PPM	8.03	4.97	0.74	0.619	6.696	10.819	1526.	47.	6.	760.7	30.9	1
1968	10	524	37.8060	88.5494	-383.2	PPM	6.80	1.26	1.30	0.0	0.0	5.219	1512.	49.	9.	761.8	30.8	1
1969	0	532	37.8060	88.5487	-384.0	PPM	6.47	4.62	0.92	0.715	5.037	7.049	1531.	56.	7.	761.8	30.8	1
1970	10	536	37.8060	88.5479	-384.2	PPM	8.12	1.76	1.05	0.0	0.0	7.714	1482.	37.	10.	761.8	30.8	1
1971	10	540	37.8060	88.5471	-385.0	PPM	9.45	1.02	1.06	0.0	0.0	8.948	1509.	41.	13.	761.8	30.8	1
1972	10	536	37.8060	88.5463	-385.0	PPM	7.34	0.51	1.45	0.0	0.0	5.047	1506.	48.	12.	760.2	30.8	1
1973	0	536	37.8060	88.5456	-386.7	PPM	6.49	1.96	1.09	0.302	1.801	5.962	1510.	39.	7.	759.7	30.8	1
1974	0	532	37.8060	88.5448	-385.2	PPM	4.61	2.00	1.31	0.433	1.521	3.509	1516.	39.	9.	759.7	30.7	1
1975	0	528	37.8060	88.5440	-384.7	PPM	6.35	2.49	1.55	0.392	1.604	4.091	1555.	38.	5.	759.7	30.6	1
1976	0	520	37.8060	88.5433	-384.5	PPM	8.61	1.79	1.04	0.207	1.724	8.314	1408.	47.	0.	759.7	30.6	1
1977	0	512	37.8060	88.5425	-386.0	PPM	8.63	2.89	1.13	0.334	2.552	7.631	1461.	39.	0.	759.7	30.6	1
1978	0	512	37.8060	88.5417	-387.0	PPM	6.25	3.94	1.41	0.630	2.792	4.430	1547.	38.	0.	760.7	30.6	1
1979	0	508	37.8060	88.5410	-387.7	PPM	7.54	4.07	1.45	0.540	2.808	5.199	1618.	35.	0.	761.8	30.6	1
1980	0	512	37.8060	88.5402	-389.0	PPM	6.31	3.64	0.97	0.576	3.750	6.510	1447.	35.	1.	762.8	30.6	1
1981	10	516	37.8060	88.5394	-390.0	PPM	7.84	0.84	1.50	0.0	0.0	5.218	1576.	32.	0.	761.8	30.6	1
1982	0	516	37.8060	88.5387	-390.2	PPM	7.60	3.08	1.25	0.406	2.475	6.102	1488.	54.	0.	761.8	30.6	1
1983	0	512	37.8060	88.5379	-390.0	PPM	6.66	2.22	0.99	0.333	2.247	6.739	1480.	48.	5.	762.8	30.6	1
1984	0	508	37.8061	88.5371	-388.7	PPM	7.25	2.53	0.91	0.349	2.795	8.001	1396.	46.	6.	762.3	30.6	1
1985	10	512	37.8061	88.5364	-388.5	PPM	8.96	0.37	1.23	0.0	0.0	7.302	1451.	30.	6.	761.8	30.5	1
1986	10	504	37.8061	88.5356	-388.0	PPM	7.14	0.85	1.47	0.0	0.0	4.842	1506.	34.	7.	760.7	30.6	1
1987	0	500	37.8061	88.5349	-388.2	PPM	5.58	3.74	1.06	0.671	3.517	5.245	1532.	48.	3.	760.7	30.6	1
1988	0	496	37.8061	88.5340	-390.7	PPM	7.27	1.62	1.33	0.223	1.219	5.471	1511.	37.	4.	760.7	30.6	1
1989	0	492	37.8061	88.5333	-389.5	PPM	5.72	2.95	1.27	0.516	2.332	4.520	1526.	41.	2.	760.2	30.6	1
1990	0	496	37.8061	88.5325	-389.7	PPM	6.64	2.88	1.51	0.434	1.904	4.384	1566.	35.	2.	760.2	30.6	1
1991	0	496	37.8061	88.5317	-390.7	PPM	7.91	3.58	1.51	0.453	2.365	5.226	1641.	34.	0.	760.2	30.6	1
1992	0	496	37.8061	88.5309	-391.0	PPM	8.16	3.46	1.07	0.424	3.230	7.622	1528.	45.	0.	760.2	30.7	1
1993	0	496	37.8061	88.5302	-390.2	PPM	8.11	2.54	1.09	0.314	2.325	7.415	1525.	49.	3.	760.7	30.6	1
1994	0	496	37.8061	88.5294	-390.5	QAL	7.02	3.59	1.11	0.512	3.247	6.345	1445.	43.	0.	760.7	30.7	1
1995	0	492	37.8061	88.5287	-391.5	QAL	6.80	2.90	1.13	0.427	2.573	6.026	1446.	53.	2.	760.7	30.7	1
1996	0	488	37.8061	88.5279	-392.2	QAL	6.82	3.40	0.90	0.499	3.799	7.610	1547.	41.	2.	761.2	30.7	1
1997	0	476	37.8061	88.5271	-391.0	QAL	7.70	2.75	1.11	0.357	2.481	6.953	1593.	41.	3.	761.8	30.7	1
1998	10	464	37.8061	88.5264	-392.0	QAL	8.09	1.08	1.06	0.0	0.0	7.661	1531.	29.	1.	762.8	30.7	1
1999	0	464	37.8061	88.5255	-393.2	QAL	7.72	2.50	0.99	0.324	2.528	7.791	1566.	34.	4.	762.8	30.7	1
2000	0	452	37.8061	88.5248	-393.7	QAL	3.78	2.53	1.01	0.669	2.500	3.738	1404.	42.	4.	762.8	30.8	1
2001	0	460	37.8061	88.5240	-394.0	QAL	8.33	2.60	0.78	0.312	3.323	10.633	1441.	32.	3.	763.8	30.8	1
2002	0	492	37.8061	88.5233	-394.0	QAL	8.45	2.31	0.93	0.274	2.472	9.038	1417.	50.	4.	762.8	30.8	1
2003	0	504	37.8062	88.5224	-394.0	PPM	6.40	3.89	1.08	0.607	3.606	5.940	1476.	42.	6.	761.8	30.8	1
2004	0	512	37.8062	88.5217	-394.0	PPM	7.54	3.04	0.85	0.403	3.581	8.892	1418.	53.	5.	762.8	30.8	1
2005	0	512	37.8062	88.5209	-395.5	PPM	7.53	4.56	1.02	0.606	4.459	7.357	1578.	34.	6.	761.8	30.7	1
2006	10	512	37.8062	88.5202	-396.5	PPM	6.77	1.60	1.03	0.0	0.0	6.567	1558.	36.	9.	760.7	30.8	1
2007	0	516	37.8062	88.5194	-397.2	PPM	6.23	2.67	1.37	0.428	1.951	4.558	1570.	41.	3.	761.2	30.8	1
2008	0	520	37.8062	88.5186	-396.7	PPM	8.35	2.32	1.31	0.278	1.771	6.373	1592.	35.	2.	761.2	30.9	1
2009	0	520	37.8061	88.5179	-396.2	PPM	7.57	2.81	1.12	0.371	2.511	6.775	1589.	34.	2.	760.2	30.9	1
2010	0	516	37.8061	88.5171	-397.0	PPM	7.36	4.37	1.30	0.593	3.360	5.661	1690.	42.	0.	760.2	31.0	1
2011	0	512	37.8061	88.5163	-396.5	PPM	8.73	2.59	1.03	0.297	2.518	8.477	1602.	41.	0.	760.2	30.9	1
2012	0	504	37.8062	88.5155	-397.5	PPM	8.23	4.02	1.28	0.488	3.131	6.415	1629.	45.	1.	760.2	30.9	1
2013	0	504	37.8062	88.5148	-399.0	PPM	8.60	4.79	0.90	0.558	5.336	9.569	1608.	43.	0.	760.2	30.9	1
2014	0	504	37.8062	88.5140	-398.5	PPM	5.85	4.65	1.08	0.795	4.315	5.425	1696.	38.	0.	759.7	30.9	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2015	0	508	37.8062	88.5133	-398.5	PPM	10.21	1.85	1.06	0.182	1.747	9.616	1666.	40.	3.	759.7	30.8	1
2016	0	504	37.8062	88.5124	-399.7	PPM	7.06	2.03	1.01	0.288	2.022	7.022	1592.	49.	7.	760.7	30.8	1
2017	0	504	37.8062	88.5117	-401.5	PPM	7.23	3.08	1.06	0.426	2.912	6.830	1582.	37.	7.	760.7	30.7	1
2018	10	500	37.8062	88.5110	-401.5	PPM	7.39	0.32	1.29	0.0	0.0	5.726	1638.	44.	13.	760.2	30.6	1
2019	10	504	37.8062	88.5101	-403.0	PPM	7.69	1.01	1.25	0.0	0.0	6.132	1647.	46.	11.	760.2	30.7	1
2020	0	504	37.8062	88.5094	-402.5	PPM	6.57	2.93	1.50	0.445	1.945	4.370	1644.	47.	6.	760.2	30.7	1
2021	0	496	37.8062	88.5086	-401.5	PPM	6.97	1.91	1.16	0.275	1.656	6.032	1660.	29.	8.	760.2	30.6	1
2022	0	496	37.8062	88.5079	-403.0	PPM	7.73	2.66	1.35	0.344	1.970	5.723	1553.	40.	4.	760.2	30.6	1
2023	0	500	37.8062	88.5071	-404.5	PPM	7.01	3.64	0.97	0.519	3.73[illegible]	7.191	1582.	36.	5.	760.2	30.6	1
2024	0	504	37.8062	88.5063	-406.5	PPM	6.98	1.84	1.33	0.264	1.385	5.244	1553.	35.	2.	760.7	30.8	1
2025	0	508	37.8062	88.5055	-408.0	PPM	8.13	2.86	1.16	0.352	2.457	6.986	1531.	42.	0.	760.7	30.8	1
2026	0	508	37.8062	88.5048	-406.7	PPM	8.24	3.82	1.23	0.464	3.114	6.712	1539.	44.	0.	760.2	30.7	1
2027	0	504	37.8062	88.5040	-406.7	PPM	6.16	3.47	1.10	0.563	3.163	5.622	1400.	36.	0.	761.2	30.7	1
2028	0	496	37.8062	88.5033	-408.0	PPM	4.98	2.96	0.92	0.594	3.218	5.418	1366.	34.	0.	762.3	30.7	1
2029	10	492	37.8062	88.5025	-409.0	PPM	8.26	1.16	0.91	0.0	0.0	9.039	1324.	46.	1.	761.2	30.6	1
2030	0	496	37.8062	88.5017	-411.2	PPM	6.26	3.06	0.80	0.489	3.842	7.862	1412.	34.	3.	760.7	30.6	1
2031	0	496	37.8062	88.5010	-412.2	PPM	7.86	2.32	1.09	0.296	2.131	7.205	1467.	45.	6.	760.7	30.6	1
2032	0	488	37.8062	88.5002	-413.5	PPM	7.55	4.49	0.97	0.594	4.630	7.791	1525.	42.	1.	760.7	30.6	1
2033	0	484	37.8062	88.4994	-414.0	PPM	7.31	3.76	1.11	0.515	3.404	6.609	1579.	30.	4.	761.8	30.6	1
2034	10	480	37.8062	88.4986	-413.2	PPM	9.15	0.20	1.20	0.0	0.0	7.608	1557.	45.	6.	761.8	30.7	1
2035	0	476	37.8062	88.4978	-415.0	PPM	6.85	2.07	1.14	0.302	1.820	6.031	1512.	40.	3.	760.7	30.6	1
2036	0	472	37.8062	88.4970	-414.7	PPM	7.58	3.36	0.85	0.443	3.954	8.923	1422.	43.	1.	760.7	30.6	1
2037	0	472	37.8062	88.4963	-415.5	PPM	9.01	2.48	1.01	0.276	2.450	8.887	1512.	46.	0.	760.7	30.6	1
2038	0	472	37.8062	88.4955	-418.2	PPM	8.74	4.00	0.97	0.458	4.133	9.029	1494.	33.	0.	761.8	30.7	1
2039	0	472	37.8062	88.4948	-419.2	PPM	7.07	3.92	0.80	0.554	4.903	8.842	1473.	43.	0.	761.8	30.5	1
2040	0	468	37.8063	88.4940	-419.2	PPM	8.44	3.67	0.99	0.435	3.701	8.509	1481.	39.	0.	761.8	30.6	1
2041	0	460	37.8063	88.4932	-419.5	PPM	6.51	3.45	0.89	0.529	3.882	7.337	1463.	34.	0.	761.8	30.6	1
2042	0	460	37.8063	88.4925	-419.2	PPM	7.24	2.84	1.07	0.393	2.668	6.794	1617.	32.	0.	761.8	30.6	1
2043	0	460	37.8063	88.4917	-419.2	PPM	7.25	2.56	1.28	0.354	2.000	5.653	1540.	33.	0.	761.8	30.6	1
2044	0	472	37.8063	88.4909	-421.0	PPM	8.39	5.15	0.57	0.614	9.059	14.751	1566.	37.	0.	761.8	30.6	1
2045	0	472	37.8063	88.4902	-422.5	PPM	8.36	2.53	0.98	0.303	2.591	8.560	1499.	33.	0.	761.2	30.6	1
2046	0	472	37.8063	88.4894	-423.5	PPM	5.77	3.25	1.00	0.564	3.252	5.765	1363.	45.	0.	761.2	30.7	1
2047	0	468	37.8063	88.4886	-425.5	PPM	8.25	2.25	1.09	0.273	2.076	7.596	1481.	35.	2.	762.3	30.8	1
2048	0	464	37.8063	88.4879	-427.2	PPM	6.08	2.56	0.98	0.421	2.615	6.214	1570.	22.	4.	762.8	30.6	1
2049	0	460	37.8063	88.4871	-430.0	PPM	5.62	3.52	0.73	0.626	4.832	7.718	1438.	36.	6.	762.8	30.6	1
2050	0	460	37.8063	88.4863	-430.5	PPM	8.46	2.81	0.92	0.333	3.069	9.229	1531.	40.	5.	762.8	30.6	1
2051	0	464	37.8063	88.4855	-430.0	PPM	7.31	2.66	0.94	0.364	2.833	7.792	1469.	45.	5.	762.8	30.6	1
2052	0	468	37.8063	88.4847	-430.0	PPM	8.20	2.26	0.88	0.275	2.550	9.271	1508.	45.	9.	762.8	30.6	1
2053	10	468	37.8063	88.4840	-433.5	PPM	7.36	1.28	1.01	0.0	0.0	7.258	1550.	43.	8.	762.8	30.6	1
2054	0	468	37.8063	88.4832	-436.0	PPM	8.72	3.07	0.93	0.352	3.294	9.366	1579.	34.	4.	762.8	30.6	1
2055	0	468	37.8063	88.4824	-437.0	PPM	8.52	2.08	1.31	0.244	1.591	6.508	1597.	33.	3.	762.8	30.6	1
2056	0	464	37.8063	88.4817	-438.5	PPM	9.45	2.72	1.22	0.288	2.230	7.756	1564.	51.	2.	762.8	30.6	1
2057	0	460	37.8063	88.4809	-440.7	PPM	7.24	1.91	1.14	0.263	1.671	6.345	1571.	34.	1.	761.8	30.6	1
2058	0	456	37.8063	88.4802	-441.2	PPM	9.30	3.57	1.25	0.384	2.865	7.454	1573.	40.	0.	760.7	30.6	1
2059	0	464	37.8064	88.4794	-445.0	PPM	7.96	4.12	1.05	0.517	3.906	7.552	1624.	37.	0.	759.7	30.5	1
2060	10	464	37.8064	88.4787	-447.0	PPM	8.09	1.32	1.09	0.0	0.0	7.426	1474.	37.	0.	759.7	30.6	1
2061	0	472	37.8063	88.4780	-449.0	PPM	6.59	3.04	1.00	0.462	3.040	6.584	1488.	43.	0.	759.7	30.8	1
2062	0	480	37.8063	88.4772	-449.2	PPM	6.61	4.33	0.97	0.655	4.465	6.816	1437.	49.	0.	759.7	30.8	1
2063	0	484	37.8063	88.4764	-451.5	PPM	8.14	1.55	0.91	0.190	1.701	8.952	1479.	31.	0.	759.7	30.8	1
2064	0	492	37.8063	88.4757	-453.2	PPM	4.91	5.31	0.81	1.081	6.520	6.033	1438.	38.	1.	760.7	30.8	1
2065	0	492	37.8063	88.4750	-456.0	PPM	5.41	3.02	0.79	0.559	3.837	6.869	1492.	50.	0.	760.7	30.7	1
2066	0	496	37.8063	88.4742	-457.2	PPM	7.09	1.88	0.93	0.265	2.021	7.611	1508.	53.	2.	760.7	30.7	1
2067	0	500	37.8063	88.4735	-458.5	PPM	6.24	2.64	1.16	0.422	2.271	5.377	1494.	36.	6.	761.8	30.6	1

*	TAGS		* LOCATION		*			REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2068	0	504	37.8063	88.4727	-459.2		PPM	8.74	2.23	1.09	0.255	2.046	8.027	1425.	39.	2.	761.8	30.6	1
2069	10	504	37.8064	88.4720	-461.2		PPM	7.62	0.76	0.95	0.0	0.0	8.036	1445.	36.	6.	761.8	30.6	1
2070	0	508	37.8064	88.4713	-463.5		PPM	6.44	2.85	1.00	0.443	2.858	6.457	1485.	37.	10.	761.8	30.6	1
2071	10	508	37.8064	88.4706	-463.7		PPM	8.80	-0.51	1.25	0.0	0.0	7.020	1392.	39.	11.	760.7	30.7	1
2072	0	504	37.8064	88.4698	-464.5		PPM	7.35	2.38	1.08	0.323	2.191	6.774	1496.	42.	7.	760.7	30.7	1
2073	0	508	37.8064	88.4691	-465.7		PPM	7.08	2.08	0.82	0.293	2.521	8.597	1394.	44.	2.	760.7	30.6	1
2074	0	504	37.8064	88.4684	-467.7		PPM	7.82	2.97	0.89	0.380	3.345	8.799	1432.	37.	3.	760.7	30.6	1
2075	0	500	37.8064	88.4676	-470.2		PPM	8.62	2.15	1.16	0.249	1.859	7.456	1504.	38.	4.	761.8	30.6	1
2076	0	488	37.8064	88.4669	-470.2		PPM	7.02	3.14	1.41	0.448	2.234	4.990	1566.	34.	0.	762.8	30.6	1
2077	0	480	37.8064	88.4660	-471.0		PPM	9.19	2.09	0.97	0.227	2.146	9.457	1429.	52.	0.	762.8	30.6	1
2078	0	476	37.8064	88.4653	-473.0		PPM	6.10	3.63	1.07	0.596	3.402	5.708	1555.	36.	3.	761.8	30.6	1
2079	0	476	37.8064	88.4646	-475.5		PPM	7.10	2.17	1.25	0.305	1.738	5.698	1495.	45.	5.	760.7	30.6	1
2080	10	472	37.8064	88.4639	-478.2		PPM	8.83	0.61	1.26	0.0	0.0	7.021	1510.	31.	6.	760.7	30.6	1
2081	0	472	37.8064	88.4631	-481.0		PPM	7.85	1.82	1.01	0.232	1.801	7.764	1467.	48.	6.	761.8	30.6	1
2082	0	476	37.8064	88.4624	-483.7		PPM	5.31	3.37	0.83	0.635	4.048	6.379	1388.	44.	6.	762.8	30.6	1
2083	10	472	37.8064	88.4617	-486.2		PPM	7.31	1.06	0.83	0.0	0.0	8.837	1382.	39.	8.	763.3	30.6	1
2084	0	472	37.8064	88.4609	-487.7		PPM	7.92	2.64	0.83	0.333	3.199	9.595	1513.	34.	8.	762.3	30.7	1
2085	0	472	37.8064	88.4602	-490.0		PPM	7.62	4.40	0.62	0.577	7.107	12.314	1565.	36.	2.	761.2	30.8	1
2086	10	480	37.8064	88.4594	-493.7		PPM	7.81	1.56	1.21	0.0	0.0	6.448	1553.	35.	6.	761.2	30.9	1
2087	10	488	37.8064	88.4587	-497.7		PPM	8.83	1.46	1.09	0.0	0.0	8.081	1531.	46.	6.	760.7	30.9	1
2088	0	496	37.8064	88.4580	-499.5		PPM	6.25	2.93	1.37	0.469	2.138	4.559	1506.	43.	3.	760.7	30.9	1
2089	0	500	37.8064	88.4572	-501.0		PPM	7.60	2.51	1.54	0.330	1.629	4.943	1552.	32.	0.	762.8	30.8	1
2090	0	504	37.8064	88.4564	-500.7		PPM	6.67	2.55	0.88	0.382	2.903	7.602	1404.	49.	4.	762.8	30.8	1
2091	0	504	37.8064	88.4557	-499.5		PPM	6.73	4.06	0.93	0.604	4.374	7.245	1446.	42.	5.	761.2	30.8	1
2092	0	504	37.8064	88.4550	-497.7		PPM	4.86	2.05	0.95	0.421	2.165	5.138	1337.	39.	8.	760.2	30.8	1
2093	0	508	37.8064	88.4543	-496.5		PPM	6.41	2.81	0.79	0.438	3.574	8.153	1222.	44.	7.	760.7	30.8	1
2094	10	508	37.8064	88.4536	-496.5		PPM	5.63	1.66	1.11	0.0	0.0	5.072	1253.	37.	11.	762.3	30.9	1
2095	0	512	37.8064	88.4528	-498.5		PPM	5.53	2.62	1.01	0.474	2.593	5.471	1236.	48.	9.	762.3	30.9	1
2096	0	512	37.8064	88.4521	-500.0		PPM	5.53	1.74	0.78	0.315	2.247	7.130	1314.	37.	6.	760.7	30.9	1
2097	10	516	37.8064	88.4513	-503.0		PPM	6.21	0.92	0.93	0.0	0.0	6.690	1293.	35.	9.	759.2	30.9	1
2098	10	516	37.8064	88.4506	-507.0		PPM	7.18	0.81	1.08	0.0	0.0	6.653	1293.	43.	8.	759.2	31.0	1
2099	10	520	37.8064	88.4498	-508.7		PPM	6.31	1.37	1.00	0.0	0.0	6.316	1364.	37.	4.	761.2	30.9	1
2100	0	524	37.8064	88.4491	-508.2		PPM	6.26	4.86	0.68	0.777	7.169	9.231	1438.	36.	3.	760.7	30.9	1
2101	0	524	37.8065	88.4483	-505.0		PPM	4.65	3.71	0.86	0.797	4.330	5.430	1258.	36.	4.	758.7	30.9	1
2102	0	524	37.8064	88.4476	-502.0		PPM	4.74	2.73	1.12	0.576	2.446	4.249	1314.	37.	0.	758.7	31.0	1
2103	0	528	37.8064	88.4469	-507.7		PPM	8.17	2.19	0.81	0.268	2.700	10.070	1335.	40.	1.	759.7	30.9	1
2104	0	540	37.8064	88.4461	-513.7		PPM	7.75	2.61	1.19	0.336	2.191	6.523	1300.	46.	0.	760.7	31.0	1
2105	0	544	37.8064	88.4454	-519.0		PPM	3.90	2.48	1.21	0.636	2.051	3.222	1376.	49.	2.	760.7	30.9	1
2106	10	540	37.8064	88.4446	-524.7		PPM	8.28	1.20	0.95	0.0	0.0	8.699	1331.	50.	0.	759.2	30.9	1
2107	10	540	37.8064	88.4439	-528.5		PPM	8.44	1.10	1.09	0.0	0.0	7.719	1434.	38.	3.	760.7	30.9	1
2108	10	536	37.8064	88.4432	-531.5		PPM	7.07	1.12	1.35	0.0	0.0	5.234	1484.	38.	5.	761.8	30.8	1
2109	10	528	37.8064	88.4424	-534.5		PPM	8.59	1.67	1.15	0.0	0.0	7.459	1495.	51.	6.	759.7	30.8	1
2110	10	524	37.8064	88.4417	-537.5		PPM	8.38	1.77	0.95	0.0	0.0	8.845	1556.	26.	8.	758.7	30.8	1
2111	0	520	37.8064	88.4410	-538.7		PPM	9.05	2.28	1.36	0.252	1.672	6.644	1563.	48.	9.	761.2	30.8	1
2112	0	512	37.8065	88.4402	-537.7		PPM	8.24	2.89	1.02	0.351	2.830	8.069	1487.	45.	8.	762.3	30.8	1
2113	10	508	37.8065	88.4394	-536.7		PPM	5.16	1.33	1.01	0.0	0.0	5.124	1477.	45.	12.	760.2	30.8	1
2114	0	500	37.8065	88.4387	-536.0		PPM	5.37	4.27	1.30	0.795	3.280	4.127	1485.	33.	7.	761.2	30.8	1
2115	10	492	37.8065	88.4380	-535.5		PPM	5.68	1.35	0.92	0.0	0.0	6.171	1266.	47.	9.	763.3	30.8	1
2116	0	488	37.8065	88.4372	-539.5		PPM	5.23	2.36	1.22	0.451	1.926	4.270	1472.	38.	8.	760.7	30.8	1
2117	0	488	37.8065	88.4366	-543.0		PPM	7.58	3.18	1.01	0.420	3.137	7.469	1466.	43.	3.	758.7	30.8	1
2118	0	480	37.8065	88.4358	-540.7		PPM	5.78	2.24	1.08	0.387	2.068	5.344	1454.	44.	4.	762.3	30.9	1
2119	0	480	37.8065	88.4350	-534.0		PPM	7.25	4.12	0.80	0.568	5.133	9.035	1384.	38.	0.	762.3	31.0	1
2120	0	480	37.8065	88.4343	-518.5		PPM	4.41	3.81	0.94	0.865	4.073	4.707	1341.	41.	0.	759.2	31.0	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2121	0	484	37.8065	88.4336	-490.7	PPM	5.24	3.75	0.85	0.716	4.421	6.171	1345.	41.	0.	761.8	31.1	1
2122	0	480	37.8065	88.4328	-452.7	PPM	5.73	1.76	1.04	0.307	1.686	5.490	1428.	35.	0.	762.8	31.1	1
2123	0	472	37.8065	88.4321	-429.5	PPM	8.38	1.58	1.18	0.188	1.333	7.079	1517.	34.	2.	759.2	31.1	1
2124	0	480	37.8065	88.4314	-449.2	PPM	6.68	3.27	1.13	0.490	2.899	5.921	1526.	35.	2.	760.2	31.1	1
2125	0	492	37.8065	88.4306	-497.5	PPM	7.52	3.58	1.04	0.477	3.455	7.250	1493.	44.	1.	761.8	31.2	1
2126	10	504	37.8065	88.4299	-533.5	PPM	6.75	1.60	1.35	0.0	0.0	5.015	1443.	48.	4.	759.7	31.2	1
2127	0	512	37.8065	88.4291	-549.7	PPM	6.76	2.83	1.08	0.419	2.618	6.250	1465.	48.	6.	761.2	31.3	1
2128	10	512	37.8065	88.4284	-558.7	PPM	5.99	1.19	1.09	0.0	0.0	5.522	1412.	41.	7.	762.3	31.3	1
2129	10	508	37.8065	88.4276	-563.2	PPM	5.65	0.67	1.33	0.0	0.0	4.264	1361.	38.	8.	759.2	31.2	1
2130	0	508	37.8065	88.4269	-566.0	PPM	5.43	2.61	1.06	0.481	2.477	5.149	1387.	41.	10.	760.2	31.2	1
2131	10	512	37.8065	88.4261	-569.0	PPM	6.65	1.45	0.90	0.0	0.0	7.387	1356.	35.	9.	761.2	31.0	1
2132	0	512	37.8065	88.4254	-570.7	PPM	9.07	2.14	1.00	0.236	2.134	9.050	1428.	38.	9.	758.7	31.0	1
2133	0	508	37.8065	88.4247	-573.2	PPM	7.40	2.81	1.04	0.380	2.695	7.095	1425.	46.	8.	759.7	30.9	1
2134	0	500	37.8065	88.4240	-576.2	PPM	6.14	2.55	0.90	0.416	2.827	6.796	1393.	36.	5.	761.2	30.9	1
2135	10	496	37.8065	88.4232	-576.5	PPM	9.78	0.55	1.10	0.0	0.0	8.889	1537.	19.	8.	760.2	30.8	1
2136	0	500	37.8065	88.4224	-578.2	PPM	9.38	3.53	0.88	0.376	4.007	10.654	1509.	36.	1.	760.7	30.9	1
2137	0	500	37.8065	88.4217	-581.7	PPM	8.31	2.08	0.80	0.251	2.608	10.393	1448.	35.	5.	760.7	30.9	1
2138	0	500	37.8065	88.4210	-582.0	PPM	8.52	2.85	1.00	0.334	2.849	8.523	1456.	43.	0.	760.2	30.9	1
2139	10	500	37.8065	88.4203	-583.7	PPM	7.87	1.04	1.18	0.0	0.0	6.678	1434.	31.	3.	761.2	30.9	1
2140	0	500	37.8065	88.4195	-587.0	PPM	8.66	1.99	1.03	0.230	1.924	8.382	1484.	32.	0.	760.2	31.0	1
2141	0	496	37.8065	88.4187	-588.2	PPM	6.70	3.68	1.11	0.550	3.311	6.020	1594.	44.	0.	760.7	30.9	1
2142	0	496	37.8065	88.4180	-590.0	PPM	7.71	2.83	1.03	0.367	2.745	7.474	1562.	32.	0.	761.2	30.9	1
2143	0	496	37.8065	88.4173	-590.0	PPM	7.62	3.90	1.31	0.512	2.969	5.795	1609.	45.	1.	760.2	30.9	1
2144	0	492	37.8065	88.4166	-591.2	PPM	7.51	3.28	1.18	0.436	2.772	6.352	1611.	39.	0.	760.7	30.9	1
2145	0	488	37.8065	88.4158	-595.0	PPM	5.72	3.04	1.08	0.530	2.818	5.314	1526.	49.	3.	761.2	30.8	1
2146	0	484	37.8065	88.4151	-597.5	PPM	8.71	3.55	1.19	0.407	2.988	7.341	1540.	36.	4.	761.8	30.9	1
2147	0	488	37.8065	88.4143	-600.2	PPM	5.67	2.06	1.32	0.363	1.562	4.300	1532.	44.	8.	761.8	30.8	1
2148	0	484	37.8065	88.4136	-601.7	PPM	6.01	3.79	1.28	0.630	2.952	4.684	1555.	35.	8.	760.2	30.8	1
2149	0	484	37.8065	88.4129	-602.7	PPM	8.15	1.85	1.26	0.227	1.466	6.457	1524.	33.	8.	760.7	30.8	1
2150	0	484	37.8065	88.4121	-604.0	PPM	7.37	2.31	1.26	0.314	1.830	5.835	1513.	52.	6.	761.2	30.8	1
2151	0	480	37.8065	88.4113	-606.5	PPM	6.04	3.11	0.91	0.515	3.431	6.657	1490.	41.	6.	760.7	30.8	1
2152	0	480	37.8065	88.4106	-608.7	PPM	8.48	2.85	1.01	0.337	2.833	8.416	1573.	40.	3.	761.8	30.8	1
2153	0	484	37.8065	88.4099	-610.0	PPM	6.14	2.74	1.04	0.446	2.640	5.921	1551.	40.	5.	760.7	30.8	1
2154	10	484	37.8066	88.4091	-611.5	PPM	7.61	1.49	0.95	0.0	0.0	7.984	1546.	40.	4.	760.2	30.8	1
2155	0	484	37.8065	88.4084	-613.5	PPM	6.30	3.54	0.86	0.561	4.108	7.318	1482.	33.	0.	761.2	30.8	1
2156	0	488	37.8065	88.4077	-615.7	PPM	9.96	1.86	1.02	0.186	1.820	9.765	1559.	29.	2.	761.2	30.8	1
2157	0	488	37.8065	88.4069	-615.5	PPM	6.84	3.53	0.88	0.516	3.988	7.726	1512.	46.	2.	761.8	30.8	1
2158	0	488	37.8065	88.4062	-616.7	PPM	7.09	3.32	0.70	0.468	4.741	10.138	1370.	37.	3.	761.2	30.8	1
2159	0	488	37.8065	88.4054	-618.7	PPM	9.42	2.56	0.90	0.272	2.831	10.425	1450.	35.	1.	760.7	30.7	1
2160	0	484	37.8065	88.4047	-620.2	PPM	5.57	3.29	1.13	0.591	2.913	4.925	1512.	31.	3.	761.8	30.7	1
2161	0	484	37.8065	88.4040	-622.0	PPM	7.38	2.17	1.05	0.294	2.069	7.026	1559.	33.	1.	761.8	30.6	1
2162	0	480	37.8065	88.4033	-623.5	PPM	6.27	3.34	1.30	0.533	2.562	4.809	1485.	41.	0.	761.8	30.6	1
2163	0	480	37.8065	88.4024	-624.5	PPM	6.69	2.88	1.23	0.430	2.335	5.431	1430.	30.	0.	761.2	30.6	1
2164	0	484	37.8065	88.4017	-626.7	PPM	10.85	3.38	0.79	0.311	4.262	13.686	1568.	30.	0.	760.2	30.6	1
2165	0	480	37.8066	88.4010	-628.2	PPM	6.52	4.56	1.07	0.699	4.275	6.115	1414.	32.	0.	761.8	30.6	1
2166	0	480	37.8066	88.4003	-629.0	PPM	7.69	2.97	0.93	0.387	3.197	8.268	1472.	40.	0.	762.3	30.6	1
2167	0	476	37.8066	88.3996	-629.7	PPM	8.91	3.13	1.20	0.351	2.613	7.440	1623.	38.	0.	761.2	30.6	1
2168	0	468	37.8066	88.3988	-631.2	PPM	6.06	3.47	0.99	0.574	3.511	6.122	1456.	33.	0.	761.8	30.6	1
2169	0	472	37.8066	88.3980	-633.0	PPM	8.95	3.36	0.99	0.375	3.387	9.027	1441.	31.	1.	761.8	30.6	1
2170	0	468	37.8066	88.3973	-634.5	PPM	7.84	2.11	1.32	0.270	1.601	5.937	1698.	29.	6.	760.7	30.7	1
2171	0	464	37.8066	88.3966	-636.2	PPM	9.88	2.45	1.21	0.248	2.031	8.182	1547.	38.	2.	760.7	30.8	1
2172	0	464	37.8065	88.3958	-636.2	PPM	8.60	2.95	1.07	0.343	2.769	8.070	1690.	27.	5.	760.7	30.9	1
2173	0	468	37.8065	88.3951	-636.7	PPM	8.28	2.68	1.01	0.324	2.653	8.195	1640.	39.	10.	760.7	31.0	1

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2174	0	472	37.8065	88.3943	-638.5	PPM	7.14	1.85	1.24	0.259	1.494	5.764	1609.	28.	6.	760.2	31.1	1
2175	10	480	37.8066	88.3937	-638.0	PPM	9.99	1.55	1.32	0.0	0.0	7.573	1679.	29.	10.	760.2	31.1	1
2176	10	496	37.8066	88.3929	-638.0	PPM	7.65	1.52	1.11	0.0	0.0	6.866	1553.	43.	11.	761.2	31.1	1
2177	0	504	37.8066	88.3921	-640.7	PPM	6.13	3.91	0.98	0.638	3.974	6.226	1760.	41.	6.	761.2	31.1	1
2178	0	508	37.8066	88.3914	-643.5	PPM	7.45	3.46	0.99	0.465	3.503	7.540	1716.	44.	7.	759.2	31.1	1
2179	0	504	37.8066	88.3907	-644.7	PPM	8.93	2.24	1.53	0.251	1.467	5.849	1645.	49.	3.	760.2	31.1	1
2180	0	500	37.8066	88.3899	-646.2	PPM	10.08	2.04	1.14	0.203	1.791	8.834	1657.	42.	4.	760.2	31.1	1
2181	0	508	37.8066	88.3892	-649.0	PPM	6.78	3.64	1.21	0.536	2.993	5.584	1629.	37.	3.	759.2	31.1	1
2182	0	512	37.8066	88.3884	-650.0	PPM	6.82	2.13	1.25	0.312	1.700	5.451	1590.	41.	5.	759.7	31.2	1
2183	10	516	37.8066	88.3877	-651.7	PPM	8.93	1.28	1.16	0.0	0.0	7.677	1564.	37.	5.	760.7	31.1	1
2184	0	516	37.8066	88.3870	-654.0	PPM	7.29	3.05	1.37	0.418	2.234	5.343	1590.	43.	3.	760.7	31.1	1
2185	0	512	37.8066	88.3863	-654.5	PPM	11.30	3.81	1.02	0.337	3.732	11.063	1682.	39.	2.	759.7	31.2	1
2186	10	508	37.8066	88.3855	-656.0	PPM	8.66	1.07	1.30	0.0	0.0	6.663	1602.	32.	1.	759.7	31.3	1
2187	0	512	37.8066	88.3847	-657.5	PPM	9.40	1.97	1.27	0.209	1.553	7.417	1738.	28.	3.	759.7	31.3	1
2188	0	512	37.8066	88.3840	-660.0	PPM	8.00	2.67	1.50	0.334	1.784	5.341	1642.	49.	3.	760.7	31.3	1
2189	0	500	37.8066	88.3833	-660.5	PPM	8.15	2.78	1.17	0.340	2.371	6.964	1614.	30.	3.	760.7	31.2	1
2190	0	516	37.8066	88.3825	-662.5	PPM	6.65	3.15	0.99	0.474	3.179	6.707	1549.	42.	0.	760.7	31.2	1
2191	0	512	37.8066	88.3817	-663.7	PPM	6.56	1.61	1.56	0.245	1.028	4.200	1670.	34.	3.	760.7	31.1	1
2192	0	508	37.8066	88.3810	-664.0	PPM	10.25	2.34	1.28	0.228	1.833	8.024	1681.	34.	1.	760.7	31.1	1
2193	0	500	37.8066	88.3803	-665.2	PPM	8.40	3.46	1.30	0.412	2.654	6.448	1702.	40.	1.	760.7	31.0	1
2194	0	508	37.8066	88.3796	-668.7	PPM	9.53	2.73	1.22	0.286	2.233	7.807	1712.	48.	4.	760.2	31.0	1
2195	0	504	37.8066	88.3788	-668.7	PPM	7.58	3.90	1.29	0.514	3.020	5.872	1760.	31.	5.	760.7	31.0	1
2196	0	500	37.8066	88.3781	-669.7	PPM	7.25	3.84	1.04	0.530	3.706	6.994	1603.	49.	4.	761.2	31.0	1
2197	0	500	37.8067	88.3774	-672.2	PPM	6.03	3.29	1.16	0.546	2.838	5.202	1684.	48.	5.	760.2	31.0	1
2198	0	496	37.8067	88.3766	-674.7	PPM	7.33	3.66	1.30	0.499	2.808	5.621	1599.	43.	8.	759.7	31.1	1
2199	0	492	37.8067	88.3759	-674.7	PPM	9.81	1.91	1.21	0.195	1.584	8.139	1664.	26.	9.	759.7	31.1	1
2200	10	492	37.8066	88.3751	-675.7	PPM	8.54	1.73	1.12	0.0	0.0	7.596	1678.	43.	10.	759.7	31.1	1
2201	0	488	37.8066	88.3744	-679.5	PPM	8.48	2.81	0.95	0.332	2.966	8.946	1693.	53.	11.	760.7	31.1	1
2202	0	488	37.8066	88.3737	-680.2	PPM	7.02	2.66	1.30	0.378	2.037	5.387	1750.	42.	8.	760.7	31.1	1
2203	0	484	37.8066	88.3729	-680.7	PPM	8.76	4.94	0.84	0.563	5.854	10.392	1690.	41.	7.	760.2	31.2	1
2204	10	488	37.8066	88.3721	-682.5	PPM	8.68	1.52	1.40	0.0	0.0	6.192	1705.	37.	10.	760.7	31.0	1
2205	10	496	37.8066	88.3714	-684.2	PPM	8.21	0.74	1.31	0.0	0.0	6.274	1702.	41.	11.	760.2	30.9	1
2206	0	504	37.8066	88.3707	-685.2	PPM	9.09	2.31	1.13	0.255	2.050	8.050	1667.	39.	13.	760.7	31.1	1
2207	0	516	37.8067	88.3700	-686.2	PPM	6.88	2.68	1.13	0.389	2.362	6.071	1613.	44.	10.	760.7	31.3	1
2208	10	524	37.8067	88.3692	-687.7	QAL	5.71	1.67	1.28	0.0	0.0	4.477	1592.	41.	14.	760.2	31.2	1
2209	10	532	37.8067	88.3685	-690.0	QAL	6.15	1.02	1.19	0.0	0.0	5.172	1550.	55.	13.	760.7	31.2	1
2210	10	536	37.8067	88.3677	-691.2	QAL	8.46	1.09	1.36	0.0	0.0	6.218	1527.	52.	10.	760.2	31.1	1
2211	0	540	37.8067	88.3670	-693.2	QAL	5.52	2.92	1.35	0.530	2.163	4.085	1633.	46.	9.	760.7	31.1	1
2212	0	540	37.8067	88.3663	-694.5	QAL	9.40	3.31	1.16	0.352	2.861	8.123	1575.	36.	7.	760.7	31.1	1
2213	10	536	37.8067	88.3655	-696.0	QAL	9.59	1.34	1.30	0.0	0.0	7.356	1569.	39.	2.	760.2	31.1	1
2214	10	536	37.8067	88.3647	-697.5	QAL	6.19	1.47	1.31	0.0	0.0	4.708	1627.	31.	6.	761.8	31.0	1
2215	0	532	37.8066	88.3640	-697.2	QAL	5.36	3.52	1.55	0.658	2.278	3.461	1723.	31.	4.	761.2	31.0	1
2216	0	524	37.8066	88.3633	-697.5	QAL	5.75	2.32	1.41	0.403	1.643	4.074	1536.	48.	0.	759.2	31.0	1
2217	0	516	37.8066	88.3625	-698.5	QAL	7.18	2.28	1.46	0.318	1.562	4.920	1639.	39.	3.	761.2	31.0	1
2218	0	508	37.8067	88.3618	-701.0	QAL	7.46	2.77	1.11	0.372	2.499	6.716	1617.	43.	6.	760.7	31.0	1
2219	0	508	37.8067	88.3611	-702.2	QAL	7.79	3.08	1.26	0.395	2.437	6.169	1632.	45.	5.	759.7	31.1	1
2220	0	512	37.8067	88.3603	-704.5	QAL	8.21	2.11	1.15	0.257	1.835	7.151	1669.	41.	7.	762.3	31.1	1
2221	10	512	37.8067	88.3596	-704.0	PPM	7.71	1.51	1.41	0.0	0.0	5.474	1661.	42.	9.	760.7	31.1	1
2222	10	508	37.8067	88.3589	-704.2	PPM	9.92	0.52	1.31	0.0	0.0	7.562	1692.	38.	8.	759.7	31.0	1
2223	10	504	37.8067	88.3581	-706.5	PPM	10.27	0.67	1.20	0.0	0.0	8.571	1647.	44.	14.	761.8	31.0	1
2224	10	512	37.8067	88.3574	-706.5	PPM	6.85	0.76	1.39	0.0	0.0	4.927	1642.	47.	14.	759.7	31.0	1
2225	10	516	37.8067	88.3567	-708.0	PPM	7.44	1.70	1.30	0.0	0.0	5.708	1613.	42.	9.	759.7	31.0	1
2226	0	512	37.8067	88.3560	-709.5	PPM	5.83	2.46	1.42	0.422	1.732	4.103	1623.	36.	11.	762.3	30.9	1

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*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2227	10	508	37.8067	88.3551	-710.0	PPM	5.45	1.12	1.37	0.0	0.0	3.970	1642.	42.	10.	760.2	30.8	1
2228	0	504	37.8067	88.3544	-711.0	PPM	7.28	2.33	1.00	0.320	2.337	7.297	1647.	45.	6.	760.2	30.9	1
2229	0	500	37.8067	88.3537	-713.2	PPM	6.35	3.21	1.28	0.505	2.504	4.955	1526.	53.	5.	763.3	30.8	1
2230	0	500	37.8067	88.3529	-713.2	PPM	8.20	4.20	1.27	0.512	3.299	6.442	1694.	42.	4.	761.2	30.8	1
2231	0	496	37.8067	88.3522	-714.0	PPM	5.96	2.35	1.36	0.394	1.724	4.379	1656.	41.	5.	760.7	30.8	1
2232	0	492	37.8067	88.3514	-715.7	PPM	7.92	2.27	0.92	0.287	2.465	8.589	1653.	49.	5.	762.8	30.8	1
2233	0	484	37.8067	88.3507	-715.2	PPM	7.28	3.59	1.04	0.493	3.455	7.010	1690.	40.	2.	760.7	30.8	1
2234	0	476	37.8067	88.3500	-717.0	PPM	9.60	2.58	1.10	0.269	2.348	8.733	1732.	40.	5.	760.7	30.8	1
2235	0	472	37.8067	88.3493	-718.5	PPM	8.58	4.01	1.28	0.467	3.133	6.713	1635.	26.	4.	762.8	30.8	1
2236	10	472	37.8067	88.3485	-718.5	PPM	7.45	1.25	1.27	0.0	0.0	5.855	1559.	42.	6.	761.8	30.8	1
2237	0	420	37.8067	88.3478	-718.7	PPM	8.57	1.48	1.07	0.173	1.391	8.028	1470.	26.	2.	760.7	30.7	1
2238	0	424	37.8067	88.3470	-720.7	PPM	6.38	1.88	1.00	0.294	1.871	6.368	1399.	46.	2.	762.8	30.8	1
2239	0	452	37.8067	88.3463	-722.2	PPM	7.05	3.88	0.87	0.550	4.452	8.092	1462.	32.	1.	762.8	30.8	1
2240	10	484	37.8067	88.3456	-723.5	PPM	8.07	0.96	1.54	0.0	0.0	5.242	1606.	51.	0.	760.7	30.8	1
2241	0	488	37.8067	88.3448	-723.5	PPM	5.98	3.87	1.27	0.647	3.047	4.711	1654.	42.	0.	761.8	30.8	1
2242	0	488	37.8067	88.3440	-724.0	PPM	9.44	2.27	1.25	0.240	1.812	7.541	1745.	35.	1.	761.8	30.8	1
2243	0	496	37.8067	88.3433	-725.0	PPM	6.59	3.92	1.20	0.595	3.265	5.488	1628.	39.	1.	760.7	30.8	1
2244	0	504	37.8067	88.3426	-726.0	PPM	6.16	3.11	1.14	0.505	2.742	5.426	1600.	37.	0.	760.7	30.8	1
2245	0	512	37.8067	88.3418	-725.7	PPM	7.80	3.28	1.11	0.421	2.956	7.026	1689.	36.	2.	761.2	30.9	1
2246	0	520	37.8067	88.3411	-725.7	PPM	5.23	2.86	1.38	0.546	2.078	3.802	1604.	50.	5.	760.2	31.0	1
2247	10	524	37.8067	88.3404	-726.5	PPM	8.64	1.23	1.47	0.0	0.0	5.863	1648.	34.	5.	760.2	31.0	1
2248	10	536	37.8067	88.3397	-727.0	PPM	7.51	1.73	1.43	0.0	0.0	5.256	1598.	48.	5.	762.3	31.1	1
2249	10	540	37.8067	88.3389	-726.2	PPM	8.60	1.94	1.19	0.0	0.0	7.251	1549.	35.	10.	761.2	31.1	1
2250	0	548	37.8067	88.3381	-726.7	PPM	6.78	3.21	1.48	0.473	2.165	4.579	1643.	27.	7.	759.2	31.2	1
2251	0	552	37.8067	88.3374	-727.0	PPM	7.11	3.08	1.36	0.434	2.262	5.216	1631.	31.	7.	760.2	31.0	1
2252	0	548	37.8067	88.3367	-727.2	PPM	6.92	2.25	1.20	0.325	1.872	5.767	1577.	59.	8.	760.7	31.0	1
2253	0	552	37.8067	88.3359	-728.0	PPM	6.70	2.46	1.33	0.368	1.854	5.045	1604.	50.	7.	758.7	30.9	1
2254	0	552	37.8067	88.3351	-726.5	PPM	6.34	3.86	1.16	0.610	3.336	5.471	1693.	26.	5.	759.7	30.9	1
2255	0	540	37.8067	88.3344	-725.5	PPM	7.75	2.17	1.22	0.280	1.779	6.344	1668.	41.	2.	761.8	30.8	1
2256	0	532	37.8067	88.3337	-727.2	PPM	5.67	3.84	1.22	0.677	3.157	4.662	1567.	37.	0.	760.7	30.8	1
2257	0	532	37.8067	88.3330	-729.0	PPM	8.08	2.34	1.17	0.290	1.995	6.892	1558.	43.	3.	758.7	30.8	1
2258	10	532	37.8067	88.3323	-728.7	PPM	7.80	.59	1.33	0.0	0.0	5.881	1605.	29.	1.	760.7	30.8	1
2259	0	536	37.8067	88.3315	-730.0	PPM	8.54	2.90	1.29	0.339	2.241	6.609	1699.	34.	0.	761.8	30.9	1
2260	10	544	37.8068	88.3308	-731.7	PPM	7.89	1.60	1.08	0.0	0.0	7.328	1529.	46.	2.	759.2	31.0	1
2261	0	548	37.8068	88.3300	-730.5	PPM	8.95	2.95	1.14	0.330	2.589	7.847	1690.	31.	5.	759.2	31.0	1
2262	0	556	37.8068	88.3293	-732.0	QAL	8.03	2.83	1.19	0.353	2.372	6.722	1517.	43.	4.	761.8	31.0	1
2263	10	548	37.8068	88.3285	-732.5	QAL	6.58	1.28	1.28	0.0	0.0	5.124	1628.	62.	5.	760.7	31.0	1
2264	0	540	37.8067	88.3277	-734.0	QAL	8.38	1.74	1.34	0.208	1.303	6.269	1638.	37.	1.	758.7	31.0	1
2265	0	540	37.8067	88.3270	-736.7	QAL	3.98	3.50	1.33	0.879	2.620	2.982	1616.	41.	6.	759.7	30.9	1
2266	0	540	37.8067	88.3263	-738.2	QAL	7.91	2.57	1.00	0.324	2.575	7.937	1575.	50.	1.	761.2	30.9	1
2267	0	544	37.8067	88.3256	-738.5	QAL	6.77	3.81	1.01	0.563	3.756	6.670	1665.	40.	5.	760.2	30.8	1
2268	0	552	37.8067	88.3248	-740.2	QAL	5.17	3.13	1.13	0.606	2.781	4.589	1616.	50.	3.	759.2	30.8	1
2269	0	548	37.8067	88.3241	-741.5	QAL	10.75	3.30	1.40	0.307	2.359	7.680	1732.	40.	2.	761.2	30.8	1
2270	0	540	37.8067	88.3234	-739.2	QAL	6.86	3.05	1.68	0.445	1.820	4.090	1698.	39.	5.	761.2	30.8	1
2271	0	536	37.8068	88.3226	-739.5	QAL	8.08	2.63	1.29	0.325	2.042	6.281	1652.	36.	6.	759.7	30.8	1
2272	10	528	37.8068	88.3219	-742.0	QAL	7.97	1.22	1.38	0.0	0.0	5.764	1626.	50.	5.	760.7	30.8	1
2273	0	524	37.8068	88.3212	-743.2	QAL	7.29	2.09	1.67	0.287	1.250	4.355	1770.	36.	7.	762.8	30.8	1
2274	10	520	37.8068	88.3204	-746.2	QAL	6.54	0.86	1.65	0.0	0.0	3.961	1697.	37.	10.	761.8	30.8	1
2275	10	512	37.8068	88.3197	-749.0	QAL	9.45	1.79	1.44	0.0	0.0	6.582	1600.	26.	11.	759.7	30.8	1
2276	0	512	37.8068	88.3190	-750.0	QAL	5.07	3.72	1.28	0.733	2.894	3.949	1564.	56.	10.	760.7	30.7	1
2277	0	508	37.8068	88.3181	-750.0	QAL	5.56	2.12	1.03	0.381	2.065	5.415	1587.	54.	10.	762.8	30.8	1
2278	10	504	37.8068	88.3174	-751.0	QAL	8.60	1.24	1.38	0.0	0.0	6.221	1633.	35.	10.	761.8	30.8	1
2279	10	500	37.8067	88.3167	-751.5	QAL	7.83	1.52	1.40	0.0	0.0	5.598	1612.	31.	9.	760.7	30.8	1

*	TAGS		* LOCATION			*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2280	0	500	37.8067	88.3160	-754.0		QAL	6.57	1.93	1.37	0.294	1.408	4.791	1625.	40.	7.	761.8	30.8	1
2281	10	496	37.8067	88.3152	-753.7		QAL	6.81	1.07	1.56	0.0	0.0	4.364	1541.	43.	10.	762.8	30.7	1
2282	0	492	37.8068	88.3145	-754.7		QAL	7.26	2.26	1.21	0.311	1.860	5.985	1546.	41.	5.	762.8	30.8	1
2283	0	488	37.8068	88.3137	-755.7		QAL	7.08	2.82	1.23	0.398	2.296	5.765	1514.	40.	0.	760.7	30.7	1
2284	0	488	37.8068	88.3130	-756.5		QAL	5.77	3.52	1.57	0.610	2.245	3.677	1584.	46.	0.	761.8	30.7	1
2285	10	488	37.8068	88.3123	-756.0		QAL	5.88	1.31	1.30	0.0	0.0	4.521	1606.	31.	3.	762.8	30.6	1
2286	0	488	37.8068	88.3116	-757.0		QAL	9.78	3.94	1.04	0.404	3.795	9.404	1638.	44.	0.	761.8	30.6	1
2287	0	492	37.8068	88.3108	-758.5		QAL	8.23	2.71	1.45	0.329	1.868	5.678	1595.	43.	0.	760.2	30.6	1
2288	0	492	37.8068	88.3101	-758.7		QAL	7.28	3.72	1.34	0.511	2.787	5.451	1738.	31.	2.	761.2	30.6	1
2289	0	492	37.8068	88.3094	-759.5		QAL	6.47	1.63	1.64	0.253	0.996	3.944	1567.	35.	3.	763.3	30.6	1
2290	10	492	37.8068	88.3087	-761.0		QAL	6.53	1.39	1.26	0.0	0.0	5.170	1510.	28.	2.	762.3	30.6	1
2291	0	496	37.8068	88.3079	-760.7		QAL	6.20	2.72	1.45	0.438	1.873	4.274	1583.	22.	6.	760.7	30.6	1
2292	10	500	37.8068	88.3072	-762.2		QAL	5.69	1.35	1.15	0.0	0.0	4.924	1509.	43.	5.	761.8	30.6	1
2293	0	500	37.8068	88.3065	-763.5		QAL	6.48	2.35	1.29	0.363	1.828	5.038	1449.	35.	4.	762.8	30.7	1
2294	0	504	37.8068	88.3058	-762.2		QAL	8.79	3.13	0.96	0.356	3.254	9.148	1432.	37.	2.	760.7	30.8	1
2295	0	508	37.8068	88.3051	-763.5		QAL	6.23	3.24	1.19	0.521	2.733	5.249	1535.	42.	2.	759.7	30.8	1
2296	0	512	37.8068	88.3043	-764.5		QAL	8.30	2.51	1.20	0.302	2.084	6.892	1510.	42.	6.	760.7	30.8	1
2297	0	520	37.8068	88.3036	-764.2		QAL	5.27	2.27	1.18	0.431	1.922	4.461	1454.	43.	7.	761.8	30.8	1
2298	0	524	37.8068	88.3029	-766.2		QAL	6.80	2.61	1.32	0.384	1.979	5.149	1499.	39.	9.	759.7	30.9	1
2299	0	532	37.8068	88.3022	-767.2		QAL	5.78	1.73	1.62	0.299	1.069	3.573	1645.	36.	5.	759.7	30.9	1
2300	10	544	37.8068	88.3014	-767.5		QAL	6.97	1.12	1.44	0.0	0.0	4.829	1554.	41.	8.	761.8	30.9	1
2301	10	552	37.8068	88.3007	-769.7		QAL	9.04	1.92	1.38	0.0	0.0	6.544	1585.	47.	5.	761.8	30.8	1
2302	0	556	37.8068	88.3000	-770.2		QAL	6.76	2.24	1.56	0.331	1.438	4.349	1643.	43.	6.	759.7	30.8	1
2303	10	556	37.8068	88.2993	-770.0		QAL	8.82	1.40	1.28	0.0	0.0	6.880	1675.	38.	5.	760.7	30.8	1
2304	0	508	37.8068	88.2985	-769.2		QAL	8.36	3.02	1.09	0.362	2.776	7.677	1567.	31.	0.	761.8	30.8	1
2305	10	500	37.8068	88.2978	-770.7		QAL	9.72	1.08	0.85	0.0	0.0	11.413	1463.	33.	0.	760.7	30.9	1
2306	0	500	37.8068	88.2971	-771.0		QAL	5.70	3.39	1.21	0.594	2.799	4.715	1319.	45.	0.	759.7	30.8	1
2307	10	564	37.8068	88.2964	-772.7		QAL	10.84	1.48	1.57	0.0	0.0	6.886	1570.	45.	0.	759.7	30.8	1
2308	0	564	37.8068	88.2956	-773.5		QAL	7.58	2.91	1.10	0.385	2.642	6.869	1478.	37.	0.	760.7	30.8	1
2309	0	552	37.8068	88.2949	-774.0		QAL	6.55	3.05	1.18	0.466	2.595	5.568	1458.	34.	0.	761.8	30.8	1
2310	0	560	37.8068	88.2942	-774.5		QAL	6.37	4.02	1.20	0.631	3.344	5.300	1590.	34.	0.	759.7	30.8	1
2311	0	560	37.8068	88.2935	-776.2		QAL	4.87	3.62	1.24	0.743	2.922	3.932	1519.	44.	0.	759.7	30.8	1
2312	0	552	37.8068	88.2927	-777.5		QAL	7.46	3.90	1.11	0.523	3.505	6.706	1512.	34.	0.	762.8	30.8	1
2313	10	544	37.8069	88.2920	-778.5		QAL	7.03	0.90	1.56	0.0	0.0	4.516	1547.	40.	2.	762.8	30.7	1
2314	0	536	37.8068	88.2913	-779.2		QAL	5.97	2.35	1.36	0.394	1.725	4.380	1468.	36.	2.	759.7	30.7	1
2315	0	528	37.8069	88.2906	-780.2		QAL	7.20	4.03	1.28	0.560	3.152	5.627	1564.	37.	3.	760.7	30.5	1
2316	0	516	37.8068	88.2898	-780.7		QAL	5.61	3.06	1.35	0.546	2.262	4.142	1607.	44.	3.	762.8	30.6	1
2317	0	516	37.8068	88.2891	-782.0		QAL	7.12	2.75	1.57	0.386	1.753	4.543	1638.	32.	2.	761.8	30.6	1
2318	10	512	37.8068	88.2884	-782.2		QAL	7.21	1.43	1.48	0.0	0.0	4.884	1594.	43.	5.	760.7	30.6	1
2319	0	504	37.8068	88.2877	-782.7		QAL	6.52	3.00	1.20	0.460	2.493	5.422	1542.	47.	7.	760.7	30.6	1
2320	0	504	37.8068	88.2869	-782.2		QAL	5.16	1.89	1.41	0.367	1.345	3.661	1475.	43.	10.	762.3	30.6	1
2321	10	500	37.8068	88.2862	-784.7		QAL	6.40	1.03	1.34	0.0	0.0	4.772	1567.	35.	7.	763.3	30.6	1
2322	10	508	37.8068	88.2855	-786.0		QAL	4.45	1.55	1.48	0.0	0.0	3.005	1554.	53.	10.	761.2	30.7	1
2323	10	512	37.8068	88.2848	-786.7		QAL	6.61	0.78	1.39	0.0	0.0	4.756	1543.	23.	12.	760.2	30.7	1
2324	10	520	37.8069	88.2840	-787.7		QAL	7.57	1.23	1.62	0.0	0.0	4.683	1661.	36.	12.	762.3	30.7	1
2325	10	516	37.8069	88.2833	-788.7		QAL	7.79	1.20	1.46	0.0	0.0	5.342	1646.	28.	10.	763.3	30.6	1
2326	0	516	37.8069	88.2826	-788.7		QAL	6.03	2.66	1.40	0.441	1.899	4.311	1537.	39.	9.	760.2	30.6	1
2327	0	512	37.8069	88.2818	-789.0		QAL	5.73	3.48	1.38	0.607	2.521	4.151	1550.	31.	7.	759.7	30.6	1
2328	0	508	37.8069	88.2811	-788.2		QAL	8.83	3.03	1.49	0.343	2.031	5.918	1588.	32.	3.	762.8	30.7	1
2329	10	504	37.8069	88.2804	-789.5		QAL	6.40	1.18	1.63	0.0	0.0	3.931	1608.	43.	9.	762.8	30.6	1
2330	10	496	37.8069	88.2797	-790.7		QAL	7.57	1.36	1.37	0.0	0.0	5.524	1520.	47.	5.	760.7	30.7	1
2331	0	496	37.8068	88.2789	-790.5		QAL	6.86	2.37	1.23	0.346	1.933	5.590	1420.	47.	1.	760.7	30.6	1
2332	10	500	37.8068	88.2782	-792.0		QAL	6.49	1.04	1.18	0.0	0.0	5.485	1463.	38.	6.	762.8	30.7	1

CP 9 IP 12

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2333	0	516	37.8068	88.2775	-789.7	QAL	5.37	2.62	1.41	0.488	1.858	3.804	1519.	46.	4.	763.3	30.7	1
2334	10	516	37.8068	88.2768	-787.5	QAL	6.15	1.38	1.11	0.0	0.0	5.545	1482.	37.	7.	761.2	30.7	1
2335	0	520	37.8069	88.2760	-789.2	QAL	3.41	2.15	1.45	0.631	1.487	2.358	1446.	54.	10.	761.2	30.7	1
2336	10	520	37.8069	88.2753	-793.5	QAL	4.92	0.45	1.67	0.0	0.0	2.954	1578.	34.	11.	763.3	30.7	1
2337	10	520	37.8069	88.2746	-795.7	QAL	6.44	0.50	1.37	0.0	0.0	4.688	1579.	29.	10.	763.8	30.7	1
2338	0	520	37.8069	88.2739	-797.2	QAL	7.02	2.17	1.14	0.309	1.899	6.139	1578.	35.	9.	761.8	30.8	1
2339	10	520	37.8069	88.2731	-797.5	QAL	7.12	0.65	1.50	0.0	0.0	4.742	1614.	34.	10.	760.7	30.8	1
2340	0	524	37.8069	88.2724	-798.7	QAL	3.43	3.33	1.16	0.972	2.881	2.965	1514.	45.	6.	761.8	30.8	1
2341	10	524	37.8069	88.2717	-799.2	QAL	5.78	1.21	1.80	0.0	0.0	3.219	1619.	30.	4.	762.8	30.8	1
2342	0	528	37.8069	88.2710	-800.0	QAL	4.95	2.46	1.11	0.496	2.217	4.474	1505.	41.	5.	762.8	30.7	1
2343	0	528	37.8069	88.2702	-800.2	QAL	6.96	2.36	1.58	0.339	1.494	4.408	1558.	43.	2.	760.7	30.8	1
2344	0	528	37.8069	88.2695	-802.0	QAL	7.63	2.59	1.30	0.340	1.988	5.853	1549.	33.	0.	761.8	30.8	1
2345	10	528	37.8069	88.2688	-801.5	QAL	5.87	0.58	1.94	0.0	0.0	3.025	1551.	45.	3.	763.8	30.8	1
2346	0	524	37.8069	88.2681	-802.5	QAL	5.99	3.22	1.45	0.538	2.218	4.126	1666.	31.	2.	762.8	30.8	1
2347	0	520	37.8069	88.2673	-804.5	QAL	5.98	1.77	1.77	0.296	1.000	3.378	1669.	41.	2.	761.8	30.8	1
2348	0	520	37.8069	88.2666	-805.5	QAL	8.86	2.11	1.45	0.238	1.454	6.115	1629.	43.	1.	761.8	30.8	1
2349	0	516	37.8069	88.2659	-806.5	QAL	6.18	1.98	1.58	0.320	1.251	3.908	1662.	44.	4.	762.8	30.8	1
2350	0	512	37.8069	88.2652	-806.5	QAL	4.50	1.76	1.65	0.392	1.072	2.734	1632.	54.	6.	763.8	30.8	1
2351	10	500	37.8069	88.2644	-807.7	QAL	6.04	-0.23	1.60	0.0	0.0	3.787	1605.	47.	7.	763.3	30.8	1
2352	0	492	37.8069	88.2637	-808.5	QAL	8.58	2.99	1.31	0.349	2.285	6.558	1772.	33.	3.	761.2	30.8	1
2353	0	476	37.8069	88.2630	-810.2	QAL	5.62	1.69	1.56	0.300	1.081	3.602	1577.	44.	4.	762.3	30.8	1
2354	0	464	37.8069	88.2623	-811.0	QAL	5.65	2.44	1.50	0.432	1.634	3.779	1650.	42.	0.	764.9	30.8	1
2355	10	460	37.8069	88.2616	-811.2	QAL	8.69	1.01	1.50	0.0	0.0	5.792	1632.	45.	1.	764.9	30.9	1
2356	10	448	37.8069	88.2608	-813.5	QAL	6.49	1.18	1.67	0.0	0.0	3.873	1616.	35.	0.	763.3	30.9	1
2357	0	436	37.8069	88.2601	-815.0	QAL	4.11	3.99	1.30	0.970	3.061	3.156	1559.	46.	0.	763.3	30.9	1
2358	0	428	37.8069	88.2594	-814.2	QT-1	6.51	3.06	1.25	0.470	2.453	5.224	1628.	32.	1.	763.3	30.9	1
2359	0	416	37.8069	88.2587	-814.7	QT-1	5.66	4.08	1.32	0.722	3.090	4.283	1597.	44.	0.	764.9	30.9	1
2360	0	404	37.8069	88.2579	-815.7	QT-1	6.88	1.60	1.30	0.232	1.231	5.302	1640.	39.	0.	765.4	30.9	1
2361	0	400	37.8069	88.2572	-817.2	QT-1	6.01	2.49	1.32	0.415	1.885	4.544	1649.	38.	2.	764.3	30.9	1
2362	0	380	37.8069	88.2565	-817.7	QT-1	6.09	2.40	1.18	0.394	2.040	5.177	1564.	41.	5.	763.8	31.0	1
2363	0	384	37.8069	88.2558	-816.5	QT-1	5.45	2.73	1.13	0.502	2.412	4.807	1466.	29.	5.	763.8	31.0	1
2364	0	380	37.8069	88.2550	-818.5	QT-1	6.25	1.55	1.31	0.247	1.181	4.776	1485.	42.	1.	764.9	31.0	1
2365	10	376	37.8069	88.2543	-820.7	QT-1	5.51	0.86	1.32	0.0	0.0	4.166	1488.	47.	7.	765.9	31.0	1
2366	10	372	37.8069	88.2536	-822.7	QT-1	6.92	1.32	1.45	0.0	0.0	4.765	1559.	43.	6.	764.9	31.0	1
2367	0	372	37.8069	88.2529	-825.7	QT-1	6.44	3.15	1.30	0.489	2.429	4.972	1634.	45.	4.	763.3	31.0	1
2368	0	368	37.8069	88.2521	-827.2	QT-1	3.91	2.49	1.57	0.636	1.588	2.497	1538.	58.	6.	764.3	31.0	1
2369	0	368	37.8069	88.2514	-829.0	QT-1	6.41	2.10	1.49	0.328	1.408	4.299	1547.	42.	5.	765.9	31.0	1
2370	10	368	37.8069	88.2507	-831.5	QT-1	5.26	0.93	1.60	0.0	0.0	3.290	1500.	30.	5.	765.9	31.0	1
2371	10	368	37.8069	88.2499	-832.7	QT-1	7.19	-0.20	1.63	0.0	0.0	4.426	1488.	44.	9.	765.4	31.0	1
2372	10	372	37.8069	88.2492	-832.7	QT-1	6.17	1.28	1.63	0.0	0.0	3.793	1471.	47.	5.	764.9	31.1	1
2373	0	380	37.8069	88.2485	-833.2	QT-2	6.00	1.71	1.43	0.285	1.196	4.201	1578.	48.	8.	763.3	31.1	1
2374	10	384	37.8069	88.2478	-835.0	QT-2	5.98	1.17	1.46	0.0	0.0	4.107	1562.	35.	7.	764.9	31.1	1
2375	0	380	37.8069	88.2470	-835.7	QT-2	8.60	2.94	1.55	0.341	1.894	5.547	1728.	21.	1.	765.9	31.1	1
2376	0	384	37.8069	88.2463	-837.5	QT-2	8.78	1.92	1.33	0.219	1.447	6.605	1671.	46.	3.	764.3	31.1	1
2377	0	384	37.8069	88.2456	-838.7	QT-2	5.94	2.21	1.74	0.372	1.272	3.416	1686.	40.	2.	763.8	31.2	1
2378	0	384	37.8069	88.2449	-838.5	QT-2	5.92	1.86	1.47	0.314	1.267	4.034	1603.	30.	4.	763.8	31.3	1
2379	10	388	37.8069	88.2441	-839.2	QT-1	7.20	1.02	1.66	0.0	0.0	4.328	1622.	40.	3.	763.8	31.2	1
2380	0	392	37.8069	88.2434	-841.2	QT-1	5.97	1.80	1.77	0.301	1.017	3.379	1512.	36.	1.	765.4	31.2	1
2381	10	392	37.8069	88.2427	-841.7	QAL	6.69	1.07	1.38	0.0	0.0	4.839	1574.	39.	4.	765.9	31.2	1
2382	0	392	37.8069	88.2420	-842.5	QAL	4.43	3.33	1.67	0.750	1.993	2.656	1583.	28.	2.	764.3	31.1	1
2383	0	388	37.8069	88.2412	-843.5	QAL	6.35	1.90	1.50	0.299	1.265	4.225	1536.	37.	5.	763.8	31.2	1
2384	0	384	37.8069	88.2405	-843.2	QAL	5.72	2.00	1.43	0.350	1.397	3.990	1581.	32.	2.	763.8	31.2	1
2385	0	396	37.8069	88.2398	-845.7	QAL	8.15	3.79	1.35	0.465	2.799	6.024	1596.	44.	0.	764.9	31.2	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2386	0	404	37.8069	88.2391	-845.2	QAL	5.38	2.37	1.36	0.442	1.742	3.944	1545.	49.	7.	765.9	31.3	1
2387	0	408	37.8069	88.2383	-845.2	QAL	5.79	2.29	1.41	0.395	1.622	4.107	1512.	37.	5.	764.9	31.3	1
2388	0	412	37.8069	88.2376	-848.0	QAL	7.07	3.48	1.69	0.491	2.058	4.188	1616.	39.	0.	763.8	31.4	1
2389	10	416	37.8069	88.2369	-849.2	QAL	6.52	0.75	1.62	0.0	0.0	4.028	1504.	33.	5.	762.8	31.4	1
2390	0	420	37.8069	88.2362	-850.2	QAL	5.12	2.13	1.30	0.416	1.634	3.933	1543.	35.	5.	763.8	31.4	1
2391	0	428	37.8069	88.2354	-850.2	QAL	6.32	3.27	1.72	0.518	1.899	3.666	1599.	38.	0.	765.4	31.4	1
2392	0	428	37.8069	88.2347	-851.2	QAL	6.45	4.23	1.48	0.655	2.858	4.361	1635.	35.	0.	764.3	31.3	1
2393	0	428	37.8069	88.2340	-852.7	QAL	7.82	2.02	1.51	0.259	1.342	5.184	1673.	26.	0.	763.8	31.2	1
2394	0	424	37.8069	88.2333	-852.5	QAL	5.78	1.47	1.71	0.255	0.863	3.386	1522.	41.	0.	763.8	31.2	1
2395	10	424	37.8069	88.2325	-853.7	QAL	7.70	1.07	1.47	0.0	0.0	5.235	1642.	45.	0.	762.8	31.2	1
2396	0	420	37.8069	88.2318	-854.2	QAL	8.24	1.51	1.54	0.183	0.977	5.333	1456.	33.	3.	763.8	31.2	1
2397	0	420	37.8069	88.2311	-854.0	QAL	5.45	3.75	1.77	0.688	2.117	3.078	1622.	27.	0.	765.4	31.1	1
2398	10	416	37.8069	88.2304	-854.7	QAL	7.23	0.80	1.46	0.0	0.0	4.949	1490.	44.	2.	764.9	31.1	1
2399	10	416	37.8070	88.2296	-855.5	QAL	5.27	1.19	1.53	0.0	0.0	3.457	1492.	48.	5.	763.8	31.0	1
2400	10	416	37.8069	88.2289	-855.2	QAL	6.31	0.68	1.59	0.0	0.0	3.970	1561.	38.	4.	762.8	31.0	1
2401	0	416	37.8069	88.2282	-855.5	QAL	5.16	3.79	1.41	0.735	2.698	3.672	1560.	51.	3.	762.8	31.0	1
2402	0	420	37.8069	88.2275	-855.2	QAL	7.11	3.34	1.36	0.469	2.460	5.241	1552.	36.	2.	764.3	31.1	1
2403	0	420	37.8069	88.2267	-856.2	QAL	5.76	2.64	1.41	0.459	1.874	4.080	1559.	38.	0.	764.3	31.1	1
2404	0	428	37.8069	88.2260	-858.2	QAL	6.63	2.37	1.39	0.358	1.714	4.786	1614.	40.	3.	764.3	31.1	1
2405	0	428	37.8069	88.2253	-857.7	QAL	7.35	2.23	1.59	0.303	1.406	4.635	1619.	33.	1.	763.8	31.1	1
2406	0	432	37.8069	88.2246	-857.5	QAL	4.26	1.89	1.60	0.443	1.177	2.656	1593.	40.	1.	761.8	31.1	1
2407	0	432	37.8069	88.2238	-858.7	QAL	7.51	2.25	1.27	0.300	1.775	5.916	1597.	26.	0.	762.8	31.1	1
2408	0	432	37.8069	88.2231	-858.5	QAL	7.33	2.47	1.54	0.337	1.606	4.772	1597.	29.	0.	764.3	31.1	1
2409	0	424	37.8070	88.2224	-857.5	QAL	5.20	2.81	1.50	0.540	1.876	3.473	1517.	37.	1.	764.3	31.1	1
2410	0	416	37.8070	88.2217	-856.2	QAL	4.51	1.40	1.64	0.310	0.851	2.750	1502.	46.	4.	764.3	31.1	1
2411	0	420	37.8070	88.2209	-856.7	QAL	6.08	2.09	1.67	0.344	1.251	3.634	1576.	50.	5.	763.8	31.1	1
2412	10	416	37.8070	88.2202	-857.5	QAL	5.20	0.73	1.74	0.0	0.0	2.987	1615.	36.	7.	762.8	31.1	1
2413	0	408	37.8069	88.2195	-857.2	QAL	6.58	1.72	1.76	0.261	0.980	3.748	1599.	35.	5.	762.8	31.1	1
2414	0	408	37.8069	88.2188	-857.2	QAL	7.25	1.54	1.84	0.213	0.837	3.940	1695.	35.	5.	763.8	31.1	1
2415	0	408	37.8069	88.2181	-859.0	QAL	5.06	3.16	1.59	0.625	1.983	3.175	1657.	45.	1.	765.4	31.1	1
2416	0	408	37.8069	88.2173	-857.7	QAL	8.29	2.92	1.56	0.353	1.877	5.324	1773.	30.	1.	765.4	31.0	1
2417	0	404	37.8069	88.2166	-857.7	QAL	7.11	3.51	1.71	0.493	2.053	4.162	1739.	40.	2.	763.8	31.0	1
2418	0	408	37.8069	88.2158	-859.2	QAL	5.88	3.31	1.65	0.562	1.998	3.554	1798.	42.	0.	762.8	31.1	1
2419	0	408	37.8069	88.2151	-859.0	QAL	7.02	2.35	1.52	0.335	1.541	4.603	1782.	37.	0.	762.8	31.0	1
2420	0	408	37.8070	88.2144	-857.2	QAL	7.28	3.88	2.11	0.533	1.844	3.459	1785.	34.	0.	763.8	31.0	1
2421	0	404	37.8070	88.2137	-858.7	QAL	6.34	3.13	1.64	0.494	1.907	3.858	1664.	34.	0.	764.3	31.0	1
2422	0	408	37.8070	88.2129	-860.2	QAL	5.82	4.04	1.49	0.694	2.707	3.901	1754.	36.	0.	765.4	31.0	1
2423	0	412	37.8070	88.2122	-861.2	QAL	8.04	2.60	1.48	0.323	1.754	5.426	1716.	35.	0.	764.9	31.0	1
2424	0	408	37.8070	88.2115	-861.2	QAL	7.11	1.47	1.78	0.206	0.822	3.987	1780.	28.	0.	764.3	31.0	1
2425	0	408	37.8070	88.2108	-860.0	QAL	7.69	2.18	1.53	0.284	1.432	5.043	1752.	41.	1.	763.8	31.1	1
2426	0	408	37.8069	88.2100	-859.5	QAL	8.17	2.52	2.00	0.308	1.260	4.090	1842.	35.	2.	762.3	31.2	1
2427	0	416	37.8069	88.2093	-858.2	QAL	8.28	2.72	1.78	0.329	1.533	4.665	1869.	27.	1.	762.3	31.3	1
2428	0	416	37.8069	88.2086	-856.0	QAL	6.82	4.02	1.51	0.590	2.664	4.515	1772.	50.	0.	763.3	31.4	1
2429	0	420	37.8069	88.2079	-854.0	QAL	7.45	3.90	1.21	0.524	3.219	6.144	1732.	40.	4.	763.8	31.4	1
2430	0	424	37.8069	88.2072	-856.0	QAL	7.70	1.83	1.76	0.237	1.038	4.371	1860.	46.	5.	763.3	31.2	1
2431	10	428	37.8070	88.2064	-857.2	QAL	7.75	0.47	1.73	0.0	0.0	4.482	1788.	38.	8.	763.3	31.2	1
2432	0	428	37.8070	88.2057	-855.7	QAL	7.73	1.83	1.60	0.237	1.145	4.827	1772.	38.	5.	763.8	31.1	1
2433	0	428	37.8070	88.2050	-854.5	QAL	8.19	2.45	1.36	0.299	1.794	6.004	1726.	37.	7.	764.3	31.1	1
2434	10	428	37.8070	88.2043	-854.7	QAL	10.26	1.07	1.77	0.0	0.0	5.803	1724.	43.	4.	763.8	31.1	1
2435	0	428	37.8070	88.2035	-854.0	QAL	8.25	2.65	1.55	0.321	1.704	5.309	1713.	46.	1.	763.8	31.1	1
2436	0	428	37.8070	88.2028	-853.7	QAL	8.54	2.14	1.81	0.250	1.181	4.716	1772.	39.	3.	763.3	31.1	1
2437	0	424	37.8070	88.2021	-853.7	QAL	8.95	2.78	1.82	0.311	1.528	4.918	1772.	44.	0.	762.8	31.1	1
2438	0	424	37.8070	88.2014	-853.0	QAL	9.06	2.93	1.72	0.323	1.704	5.270	1845.	40.	0.	762.8	31.1	1

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*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2439	0	420	37.8069	88.2006	-852.0	QAL	7.43	4.17	1.55	0.561	2.699	4.809	1778.	46.	1.	763.8	31.1	1
2440	10	416	37.8069	88.1999	-852.0	QAL	7.42	1.07	1.69	0.0	0.0	4.392	1707.	49.	0.	764.3	31.1	1
2441	0	412	37.8070	88.1992	-850.5	QAL	8.98	2.05	1.84	0.228	1.109	4.867	1756.	52.	0.	764.3	31.0	1
2442	0	412	37.8070	88.1985	-851.7	QAL	5.89	3.42	1.61	0.581	2.123	3.653	1761.	29.	3.	764.3	31.0	1
2443	0	412	37.8070	88.1977	-849.7	QAL	7.20	4.33	1.27	0.602	3.400	5.647	1729.	36.	1.	763.8	31.0	1
2444	0	412	37.8070	88.1970	-847.2	QAL	6.00	1.87	1.68	0.312	1.114	3.570	1650.	46.	4.	762.8	31.0	1
2445	10	412	37.8070	88.1963	-845.7	QAL	8.27	0.71	1.64	0.0	0.0	5.049	1609.	45.	5.	763.3	31.0	1
2446	10	408	37.8070	88.1956	-844.7	QAL	7.37	0.09	1.57	0.0	0.0	4.694	1690.	39.	7.	763.3	31.1	1
2447	0	412	37.8070	88.1948	-843.7	QAL	5.67	1.89	1.58	0.334	1.199	3.595	1656.	39.	10.	762.3	31.1	1
2448	0	408	37.8070	88.1941	-840.2	QAL	8.04	2.20	1.35	0.274	1.630	5.954	1719.	37.	7.	763.3	31.1	1
2449	0	408	37.8070	88.1934	-836.2	QAL	6.86	3.46	1.24	0.505	2.796	5.542	1688.	38.	2.	763.3	31.1	1
2450	10	404	37.8070	88.1927	-831.2	QAL	9.87	1.11	1.38	0.0	0.0	7.140	1689.	35.	7.	762.3	31.2	1
2451	0	404	37.8070	88.1919	-831.5	QAL	5.73	2.87	1.49	0.500	1.919	3.837	1629.	37.	5.	762.3	31.2	1
2452	10	408	37.8070	88.1912	-833.5	QAL	7.33	1.32	1.52	0.0	0.0	4.819	1535.	49.	6.	763.8	31.2	1
2453	0	408	37.8070	88.1905	-833.5	QAL	4.08	2.81	1.30	0.689	2.170	3.150	1480.	32.	5.	763.8	31.2	1
2454	10	412	37.8070	88.1898	-829.7	QAL	7.32	0.87	1.60	0.0	0.0	4.582	1504.	45.	2.	763.3	31.2	1
2455	0	412	37.8070	88.1890	-825.2	QAL	7.61	2.62	1.16	0.345	2.266	6.571	1469.	35.	4.	764.3	31.2	1
2456	0	408	37.8070	88.1883	-822.0	QAL	4.37	2.12	1.47	0.485	1.441	2.971	1492.	43.	5.	763.8	31.2	1
2457	0	408	37.8070	88.1876	-820.5	QAL	4.61	2.69	1.19	0.584	2.254	3.858	1407.	31.	1.	762.8	31.2	1
2458	0	408	37.8070	88.1869	-823.2	QAL	5.00	4.36	0.91	0.871	4.809	5.524	1398.	39.	0.	764.3	31.2	1
2459	0	408	37.8070	88.1861	-824.5	QAL	3.95	4.33	1.09	1.097	3.979	3.628	1377.	51.	1.	765.4	31.2	1
2460	10	404	37.8070	88.1854	-821.5	QAL	6.59	0.45	1.28	0.0	0.0	5.147	1354.	53.	3.	763.8	31.1	1
2461	0	408	37.8070	88.1846	-820.0	QAL	6.12	1.69	1.17	0.277	1.451	5.239	1397.	34.	2.	763.8	31.1	1
2462	0	408	37.8070	88.1839	-817.5	QAL	6.88	2.28	1.04	0.332	2.197	6.616	1347.	43.	0.	763.8	31.1	1
2463	10	412	37.8070	88.1832	-816.0	QAL	6.51	0.58	1.64	0.0	0.0	3.972	1371.	34.	0.	763.8	31.1	1
2464	0	412	37.8070	88.1825	-815.0	QAL	5.50	1.69	1.41	0.307	1.201	3.907	1361.	36.	0.	763.8	31.1	1
2465	0	412	37.8070	88.1818	-812.2	QAL	4.71	2.41	1.37	0.511	1.758	3.441	1338.	57.	0.	762.8	31.1	1
2466	0	412	37.8070	88.1810	-810.0	QAL	6.50	1.99	1.45	0.306	1.368	4.472	1444.	37.	0.	762.8	31.1	1
2467	0	412	37.8070	88.1803	-807.2	QAL	6.21	3.57	1.40	0.575	2.545	4.422	1410.	49.	0.	762.8	31.1	1
2468	0	412	37.8070	88.1796	-805.0	QAL	4.68	2.37	1.10	0.506	2.157	4.265	1281.	49.	0.	762.3	31.1	1
2469	0	408	37.8070	88.1788	-803.5	QAL	6.00	2.49	1.17	0.415	2.125	5.119	1323.	47.	0.	762.3	31.1	1
2470	0	412	37.8070	88.1781	-803.7	QAL	5.31	1.61	1.33	0.303	1.206	3.988	1396.	41.	4.	763.3	31.1	1
2471	0	412	37.8070	88.1774	-799.7	QAL	5.37	2.60	1.35	0.485	1.925	3.968	1378.	43.	5.	762.8	31.1	1
2472	0	412	37.8070	88.1767	-793.7	QAL	5.62	2.00	1.35	0.355	1.480	4.170	1451.	41.	3.	762.3	31.1	1
2473	10	412	37.8070	88.1760	-788.7	QT-1	5.20	1.28	1.49	0.0	0.0	3.488	1496.	38.	4.	763.3	31.1	1
2474	0	416	37.8070	88.1752	-782.5	QT-1	4.87	2.36	1.62	0.484	1.452	3.000	1561.	31.	1.	763.3	31.1	1
2475	0	416	37.8070	88.1745	-779.5	QT-1	4.37	3.39	1.30	0.777	2.616	3.368	1532.	38.	0.	762.3	31.0	1
2476	0	412	37.8070	88.1738	-778.7	QT-1	6.82	2.74	1.70	0.402	1.610	4.008	1574.	45.	0.	763.8	31.1	1
2477	0	412	37.8070	88.1730	-776.2	QT-2	6.09	2.69	1.56	0.442	1.727	3.911	1636.	46.	0.	764.3	31.0	1
2478	0	416	37.8070	88.1723	-775.7	QT-2	9.50	2.21	1.24	0.233	1.786	7.671	1630.	47.	0.	764.3	31.0	1
2479	0	420	37.8070	88.1716	-773.5	QT-2	8.83	2.35	1.41	0.266	1.664	6.256	1679.	35.	0.	765.4	31.0	1
2480	10	420	37.8070	88.1709	-769.2	QT-2	9.66	1.04	1.64	0.0	0.0	5.882	1706.	30.	0.	764.3	31.0	1
2481	0	416	37.8070	88.1702	-767.2	QT-2	6.06	3.94	1.59	0.650	2.480	3.818	1657.	40.	0.	764.3	31.0	1
2482	0	416	37.8070	88.1694	-763.7	QT-2	5.54	3.39	1.56	0.612	2.177	3.558	1704.	36.	0.	765.4	31.0	1
2483	0	416	37.8070	88.1687	-759.2	QT-2	6.53	2.52	1.55	0.386	1.536	4.213	1601.	44.	0.	764.9	31.0	1
2484	0	412	37.8070	88.1680	-756.5	QAL	6.72	2.60	1.56	0.387	1.664	4.305	1622.	40.	0.	764.3	31.0	1
2485	10	404	37.8070	88.1673	-752.5	QAL	7.44	0.78	1.46	0.0	0.0	5.078	1580.	47.	4.	763.8	31.0	1
2486	10	404	37.8070	88.1665	-748.0	QAL	6.94	0.68	1.63	0.0	0.0	4.258	1628.	41.	5.	763.3	31.0	1
2487	0	400	37.8070	88.1658	-744.2	QAL	7.61	3.00	1.50	0.394	1.996	5.063	1620.	39.	2.	763.3	31.0	1
2488	0	396	37.8070	88.1651	-742.0	QAL	9.61	1.69	1.34	0.175	1.259	7.182	1727.	36.	4.	763.3	31.0	1
2489	0	392	37.8070	88.1644	-738.5	QAL	6.54	2.35	1.79	0.359	1.310	3.646	1714.	29.	3.	763.8	31.0	1
2490	0	392	37.8070	88.1637	-735.0	QAL	6.41	2.49	1.31	0.389	1.905	4.899	1580.	50.	0.	764.3	31.0	1
2491	0	392	37.8070	88.1629	-730.5	QAL	5.09	3.22	1.37	0.632	2.355	3.727	1546.	53.	3.	764.3	31.0	1

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2492	0	392	37.8070	88.1622	-727.0	QAL	6.66	2.63	1.38	0.395	1.908	4.832	1472.	32.	3.	764.9	31.1	1
2493	10	396	37.8070	88.1615	-722.7	QAL	6.41	1.11	1.46	0.0	0.0	4.386	1569.	34.	4.	764.9	31.1	1
2494	0	404	37.8070	88.1608	-719.0	QAL	4.60	2.07	1.29	0.450	1.610	3.577	1418.	39.	0.	763.8	31.1	1
2495	10	404	37.8070	88.1600	-716.2	QAL	6.54	0.48	1.67	0.0	0.0	3.915	1466.	31.	3.	762.8	31.1	1
2496	0	400	37.8070	88.1593	-712.5	QAL	7.22	1.44	1.48	0.200	0.971	4.862	1368.	43.	3.	762.8	31.2	1
2497	0	412	37.8070	88.1586	-708.5	QAL	6.09	1.54	1.49	0.252	1.033	4.092	1544.	39.	6.	763.8	31.3	1
2498	0	424	37.8070	88.1579	-704.2	QAL	7.31	2.72	1.34	0.372	2.024	5.436	1577.	40.	5.	764.3	31.3	1
2499	10	428	37.8070	88.1571	-701.5	QAL	6.88	1.31	1.53	0.0	0.0	4.513	1574.	37.	2.	764.3	31.3	1
2500	0	432	37.8070	88.1564	-697.5	QAL	5.02	3.06	1.61	0.610	1.899	3.114	1679.	33.	1.	764.3	31.3	1
2501	0	428	37.8070	88.1557	-692.7	QAL	6.23	1.47	1.64	0.235	0.892	3.789	1585.	42.	2.	763.3	31.3	1
2502	0	428	37.8070	88.1550	-688.0	QAL	6.35	2.30	1.73	0.362	1.328	3.673	1580.	35.	2.	762.3	31.3	1
2503	10	428	37.8070	88.1542	-683.2	QAL	7.47	1.06	1.14	0.0	0.0	6.559	1504.	41.	3.	762.3	31.3	1
2504	0	428	37.8070	88.1535	-679.7	QT-1	5.33	3.58	1.49	0.671	2.401	3.578	1589.	38.	2.	763.3	31.3	1
2505	0	424	37.8071	88.1528	-675.2	QT-1	6.61	3.19	1.39	0.482	2.296	4.759	1440.	40.	2.	763.8	31.3	1
2506	0	424	37.8070	88.1521	-669.2	QT-1	4.72	1.73	1.43	0.367	1.212	3.307	1464.	34.	5.	764.3	31.4	1
2507	0	424	37.8070	88.1513	-663.5	QT-1	5.09	2.36	1.38	0.464	1.714	3.693	1427.	41.	6.	763.8	31.5	1
2508	0	436	37.8070	88.1506	-659.2	QT-1	5.43	1.76	1.28	0.324	1.379	4.260	1394.	32.	5.	761.8	31.4	1
2509	10	440	37.8070	88.1499	-656.0	QT-1	6.52	1.08	1.56	0.0	0.0	4.175	1501.	41.	5.	761.8	31.4	1
2510	10	440	37.8070	88.1492	-651.5	QT-1	6.65	1.18	1.37	0.0	0.0	4.854	1446.	36.	5.	762.8	31.5	1
2511	0	444	37.8070	88.1484	-647.2	QT-1	5.47	2.54	1.45	0.465	1.756	3.777	1452.	47.	6.	763.8	31.6	1
2512	10	448	37.8070	88.1477	-644.5	QT-1	4.71	0.18	1.63	0.0	0.0	2.885	1481.	34.	5.	763.8	31.6	1
2513	0	452	37.8071	88.1470	-640.7	QT-1	5.14	2.65	1.37	0.515	1.934	3.753	1400.	36.	5.	762.8	31.5	1
2514	10	452	37.8071	88.1463	-636.5	QT-1	7.26	1.26	0.83	0.0	0.0	8.764	1343.	32.	3.	761.8	31.5	1
2515	10	448	37.8071	88.1456	-634.0	QT-1	4.41	0.18	1.04	0.0	0.0	4.253	1110.	34.	9.	762.8	31.4	1
2516	10	440	37.8071	88.1449	-630.7	QT-1	3.65	0.29	1.34	0.0	0.0	2.726	1134.	42.	8.	763.8	31.3	1
2517	10	428	37.8071	88.1442	-624.5	QT-1	2.94	1.10	1.35	0.0	0.0	2.180	1118.	43.	6.	764.3	31.3	1
2518	10	424	37.8070	88.1434	-619.7	QT-1	4.36	1.08	1.21	0.0	0.0	3.596	1221.	25.	6.	763.8	31.3	1
2519	10	424	37.8070	88.1427	-616.5	QT-1	2.65	1.16	1.18	0.0	0.0	2.251	1156.	34.	8.	762.8	31.3	1
2520	10	420	37.8071	88.1420	-613.5	QT-1	3.94	0.71	1.15	0.0	0.0	3.430	1188.	41.	6.	762.8	31.3	1
2521	0	416	37.8071	88.1413	-609.0	QT-1	2.29	2.97	1.20	1.297	2.466	1.902	1178.	45.	4.	763.8	31.3	1
2522	0	416	37.8071	88.1405	-604.2	QT-1	3.81	2.07	1.41	0.544	1.467	2.700	1252.	48.	3.	764.9	31.3	1
2523	0	416	37.8071	88.1398	-602.0	QT-1	3.26	1.95	1.28	0.598	1.523	2.546	1245.	50.	3.	763.8	31.3	1
2524	0	416	37.8071	88.1391	-597.5	QT-1	4.73	1.55	1.36	0.329	1.143	3.476	1288.	45.	2.	762.8	31.3	1
2525	0	416	37.8071	88.1385	-593.2	QT-1	4.10	2.24	1.17	0.547	1.926	3.518	1245.	45.	0.	762.8	31.3	1
2526	0	416	37.8071	88.1377	-589.2	QAL	4.35	3.21	0.96	0.738	3.332	4.515	1243.	40.	2.	764.3	31.3	1
2527	0	424	37.8071	88.1370	-585.5	QAL	4.80	1.61	1.14	0.335	1.410	4.214	1275.	38.	4.	764.3	31.2	1
2528	10	432	37.8071	88.1363	-582.0	QAL	7.72	1.08	1.22	0.0	0.0	6.351	1301.	38.	0.	762.8	31.3	1
2529	0	436	37.8071	88.1356	-579.5	QAL	4.29	3.93	0.78	0.916	5.032	5.494	1396.	30.	0.	762.8	31.4	1
2530	0	440	37.8071	88.1348	-576.2	QAL	7.45	1.73	0.71	0.233	2.439	10.469	1371.	44.	0.	763.8	31.4	1
2531	0	444	37.8071	88.1341	-571.7	QAL	8.70	2.10	0.80	0.242	2.632	10.897	1444.	41.	0.	764.3	31.4	1
2532	0	444	37.8071	88.1334	-567.5	QAL	7.15	2.74	1.39	0.383	1.973	5.154	1519.	38.	0.	764.3	31.4	1
2533	0	444	37.8071	88.1327	-563.2	QAL	6.52	4.17	1.10	0.640	3.784	5.911	1457.	32.	0.	762.8	31.4	1
2534	0	436	37.8071	88.1319	-559.0	QAL	6.12	2.05	1.29	0.335	1.594	4.759	1422.	31.	0.	762.8	31.4	1
2535	0	432	37.8071	88.1313	-554.0	QAL	6.70	3.07	1.04	0.459	2.960	6.451	1448.	43.	0.	764.3	31.4	1
2536	0	428	37.8071	88.1306	-549.7	QAL	7.20	1.65	1.38	0.229	1.191	5.209	1506.	33.	1.	764.3	31.3	1
2537	10	428	37.8071	88.1299	-547.0	QAL	7.27	1.20	1.19	0.0	0.0	6.132	1580.	44.	5.	763.8	31.3	1
2538	0	428	37.8071	88.1291	-542.7	QAL	6.88	2.03	1.20	0.295	1.692	5.741	1425.	40.	4.	763.8	31.3	1
2539	0	428	37.8071	88.1284	-539.7	QAL	7.97	1.87	1.40	0.235	1.336	5.683	1580.	32.	4.	764.3	31.3	1
2540	0	428	37.8071	88.1277	-536.2	QAL	7.62	2.70	1.17	0.354	2.300	6.496	1512.	45.	1.	765.4	31.4	1
2541	0	428	37.8071	88.1269	-532.5	QAL	6.83	3.44	1.03	0.504	3.339	6.621	1625.	45.	4.	763.8	31.3	1
2542	0	424	37.8072	88.1262	-528.5	QAL	8.76	3.24	1.20	0.370	2.706	7.309	1648.	36.	2.	763.8	31.3	1
2543	0	420	37.8071	88.1255	-525.2	QAL	9.09	1.82	1.12	0.200	1.631	8.144	1638.	48.	0.	765.9	31.2	1
2544	0	416	37.8071	88.1249	-520.7	QAL	8.05	3.17	1.35	0.394	2.345	5.953	1684.	34.	0.	764.3	31.4	1

CPY IP 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2545	0	416	37.8071	88.1241	-516.7	QAL	6.90	3.06	1.32	0.443	2.319	5.233	1796.	36.	4.	762.3	31.6	1
2546	0	424	37.8071	88.1234	-515.0	QAL	8.03	3.97	1.24	0.494	3.211	6.495	1770.	45.	1.	764.3	31.7	1
2547	0	432	37.8071	88.1227	-511.2	QAL	7.60	3.36	1.47	0.443	2.295	5.182	1734.	39.	2.	764.9	31.8	1
2548	0	440	37.8071	88.1220	-508.2	QAL	8.64	3.83	1.71	0.443	2.237	5.044	1792.	28.	1.	763.3	31.7	1
2549	0	440	37.8071	88.1212	-505.0	QAL	7.41	2.49	1.33	0.336	1.867	5.559	1639.	35.	1.	763.3	31.6	1
2550	0	440	37.8072	88.1205	-500.7	QAL	6.86	2.99	1.34	0.436	2.236	5.135	1654.	45.	0.	764.9	31.5	1
2551	0	436	37.8072	88.1198	-496.5	QAL	7.68	4.23	1.33	0.550	3.188	5.793	1728.	36.	0.	763.8	31.4	1
2552	0	432	37.8072	88.1191	-493.7	QAL	8.82	3.73	1.48	0.423	2.515	5.946	1704.	37.	2.	762.8	31.4	1
2553	0	428	37.8072	88.1183	-489.7	QAL	7.92	3.15	1.30	0.398	2.418	6.079	1732.	37.	2.	764.3	31.3	1
2554	0	424	37.8072	88.1177	-484.5	QAL	7.20	3.04	1.63	0.422	1.860	4.410	1795.	36.	3.	765.4	31.3	1
2555	0	424	37.8071	88.1170	-481.0	QAL	8.33	3.77	1.21	0.452	3.100	6.857	1743.	34.	2.	763.8	31.3	1
2556	0	420	37.8071	88.1162	-479.0	QAL	6.95	2.43	1.67	0.350	1.457	4.158	1748.	54.	5.	764.3	31.2	1
2557	0	416	37.8072	88.1155	-475.2	QAL	9.74	3.35	1.38	0.344	2.428	7.055	1692.	42.	3.	765.4	31.2	1
2558	0	416	37.8072	88.1147	-474.0	QAL	5.94	3.49	1.38	0.588	2.528	4.301	1774.	37.	0.	763.8	31.2	1
2559	0	412	37.8072	88.1140	-471.0	QAL	7.98	3.48	1.37	0.436	2.545	5.835	1794.	40.	0.	764.3	31.2	1
2560	0	408	37.8072	88.1133	-467.0	QAL	8.94	2.19	1.32	0.245	1.667	6.792	1697.	44.	2.	765.4	31.2	1
2561	0	408	37.8072	88.1126	-463.2	QAL	8.31	3.04	1.43	0.366	2.125	5.812	1767.	40.	3.	764.3	31.2	1
2562	0	412	37.8072	88.1119	-460.2	QAL	9.14	2.96	1.40	0.324	2.113	6.530	1793.	39.	1.	762.8	31.2	1
2563	10	412	37.8072	88.1112	-458.0	QAL	8.41	1.17	1.41	0.0	0.0	5.950	1757.	43.	3.	765.4	31.2	1
2564	0	416	37.8072	88.1105	-454.2	QAL	5.98	4.48	1.37	0.749	3.266	4.364	1745.	27.	3.	765.4	31.2	1
2565	0	420	37.8072	88.1098	-450.2	QAL	8.87	2.84	1.30	0.320	2.186	6.822	1712.	34.	4.	763.8	31.2	1
2566	0	424	37.8072	88.1091	-444.7	QAL	6.91	3.26	1.44	0.472	2.269	4.807	1741.	33.	7.	763.8	31.2	1
2567	0	428	37.8072	88.1084	-437.5	QAL	10.11	2.00	1.64	0.198	1.219	6.150	1795.	41.	7.	765.4	31.2	1
2568	0	432	37.8072	88.1076	-431.5	QAL	7.76	2.28	1.78	0.294	1.279	4.353	1809.	35.	5.	764.3	31.2	1
2569	0	436	37.8072	88.1069	-427.2	QAL	8.66	2.56	1.49	0.295	1.712	5.802	1897.	41.	2.	763.8	31.2	1
2570	0	424	37.8072	88.1062	-427.0	QAL	8.38	1.93	1.33	0.230	1.450	6.312	1691.	29.	5.	764.3	31.3	1
2571	0	444	37.8072	88.1055	-426.5	QAL	9.99	3.13	1.44	0.313	2.178	6.955	1803.	37.	0.	764.3	31.3	1
2572	0	440	37.8072	88.1047	-425.7	QAL	8.58	2.49	1.42	0.290	1.754	6.043	1788.	48.	0.	763.8	31.3	1
2573	0	440	37.8072	88.1040	-423.0	QAL	8.97	3.78	1.55	0.422	2.435	5.774	1802.	39.	1.	762.8	31.2	1
2574	0	444	37.8072	88.1033	-420.0	QAL	7.44	2.11	1.64	0.283	1.281	4.530	1838.	31.	3.	764.3	31.3	1
2575	0	448	37.8072	88.1026	-417.7	QAL	10.01	3.82	1.52	0.382	2.510	6.573	1940.	41.	0.	763.8	31.5	1
2576	0	448	37.8072	88.1019	-416.5	QAL	10.69	3.55	1.57	0.332	2.260	6.805	1958.	34.	0.	762.8	31.6	1
2577	0	448	37.8072	88.1012	-414.5	QAL	10.14	2.76	1.65	0.273	1.680	6.163	1884.	36.	1.	764.3	31.7	1
2578	0	448	37.8072	88.1004	-412.5	QAL	6.23	3.98	1.20	0.638	3.306	5.178	1833.	41.	4.	764.9	31.5	1
2579	0	448	37.8072	88.0997	-410.5	QAL	8.28	3.89	1.62	0.469	2.394	5.103	1961.	32.	2.	762.3	31.4	1
2580	0	444	37.8072	88.0990	-407.7	QAL	7.42	4.12	1.33	0.556	3.097	5.574	1879.	45.	1.	762.3	31.5	1
2581	0	444	37.8072	88.0983	-404.5	QAL	8.11	4.62	1.32	0.570	3.502	6.145	1958.	36.	1.	764.9	31.5	1
2582	0	448	37.8072	88.0975	-402.5	QAL	8.97	3.79	1.60	0.422	2.371	5.613	1870.	39.	0.	764.3	31.5	1
2583	0	452	37.8072	88.0969	-396.7	QAL	6.92	4.68	1.52	0.676	3.079	4.554	2000.	25.	0.	762.8	31.4	1
2584	0	448	37.8072	88.0962	-391.7	QAL	7.43	4.39	1.30	0.591	3.375	5.709	1843.	34.	0.	764.3	31.4	1
2585	0	444	37.8072	88.0955	-391.2	QAL	11.40	1.69	1.61	0.148	1.048	7.070	1852.	27.	0.	764.3	31.4	1
2586	0	440	37.8073	88.0948	-393.2	QAL	8.97	1.64	1.50	0.182	1.091	5.977	1762.	43.	3.	762.8	31.3	1
2587	0	436	37.8073	88.0940	-393.0	QAL	6.94	2.97	1.46	0.428	2.035	4.753	1718.	39.	1.	763.8	31.3	1
2588	0	428	37.8073	88.0933	-389.2	QAL	8.39	2.67	1.46	0.318	1.823	5.726	1764.	41.	2.	765.4	31.3	1
2589	10	388	37.8073	88.0926	-388.0	QAL	9.52	0.43	1.16	0.0	0.0	8.181	1585.	40.	0.	763.8	31.2	1
2590	0	396	37.8073	88.0919	-385.2	QAL	9.50	2.40	1.36	0.252	1.767	7.000	1771.	28.	0.	764.3	31.3	1
2591	0	424	37.8072	88.0911	-384.0	QAL	8.82	2.16	1.71	0.245	1.266	5.164	1853.	45.	3.	765.4	31.2	1
2592	0	424	37.8072	88.0904	-380.7	QAL	7.66	4.28	1.51	0.560	2.846	5.087	1762.	43.	0.	762.8	31.2	1
2593	0	424	37.8072	88.0897	-377.2	QAL	9.45	4.10	1.32	0.434	3.097	7.138	1841.	44.	0.	763.8	31.2	1
2594	0	428	37.8073	88.0890	-374.7	QAL	7.24	1.96	1.82	0.271	1.078	3.985	1810.	38.	3.	764.9	31.2	1
2595	0	428	37.8073	88.0883	-372.5	QAL	7.49	3.57	1.64	0.477	2.181	4.571	1786.	41.	2.	762.8	31.2	1
2596	0	424	37.8073	88.0876	-371.7	QAL	9.46	3.63	1.38	0.384	2.640	6.876	1805.	34.	1.	764.3	31.2	1
2597	0	424	37.8073	88.0869	-370.2	QAL	6.82	3.02	1.45	0.443	2.082	4.698	1823.	40.	4.	765.4	31.2	1

CP 9 IP 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2598	0	428	37.8073	88.0861	-368.5	QAL	9.10	1.73	1.61	0.190	1.071	5.634	1806.	36.	5.	764.3	31.2	1
2599	0	428	37.8073	88.0854	-366.2	QAL	9.36	2.52	1.10	0.269	2.278	8.472	1827.	35.	6.	765.4	31.2	1
2600	0	428	37.8072	88.0847	-364.7	QAL	7.72	2.91	1.61	0.377	1.806	4.787	1927.	46.	9.	764.3	31.3	1
2601	10	424	37.8073	88.0839	-361.5	QAL	9.48	0.78	1.65	0.0	0.0	5.752	1862.	28.	8.	762.8	31.3	1
2602	0	424	37.8073	88.0833	-361.0	QAL	10.26	3.22	1.56	0.314	2.060	6.571	1958.	32.	6.	764.3	31.4	1
2603	0	428	37.8073	88.0826	-359.5	QAL	7.89	3.53	1.54	0.448	2.293	5.120	2008.	50.	9.	763.8	31.4	1
2604	0	432	37.8073	88.0819	-356.0	QAL	9.21	2.02	1.62	0.219	1.245	5.684	1936.	43.	9.	764.3	31.5	1
2605	0	436	37.8073	88.0812	-353.7	QAL	8.84	2.64	1.71	0.299	1.551	5.184	1982.	35.	9.	764.9	31.4	1
2606	0	436	37.8073	88.0804	-353.2	QAL	6.13	4.40	1.55	0.718	2.839	3.956	1933.	48.	6.	763.3	31.4	1
2607	0	440	37.8073	88.0797	-352.2	QAL	9.78	1.80	1.77	0.184	1.016	5.537	1990.	43.	7.	763.8	31.4	1
2608	10	440	37.8073	88.0790	-349.2	(WATER)	9.81	1.66	1.51	0.0	0.0	6.490	1878.	42.	8.	764.9	31.4	1
2609	0	436	37.8073	88.0782	-347.7	(WATER)	8.97	1.85	1.49	0.206	1.246	6.040	1718.	28.	7.	763.8	31.3	1
2610	0	380	37.8073	88.0775	-346.5	(WATER)	5.66	1.84	1.43	0.325	1.290	3.971	1460.	38.	3.	763.8	31.3	1
2611	0	368	37.8073	88.0768	-345.0	(WATER)	4.29	1.73	1.01	0.404	1.719	4.259	1121.	38.	5.	764.3	31.2	1
2612	10	384	37.8073	88.0761	-343.2	(WATER)	2.74	1.14	0.49	0.0	0.0	5.619	783.	46.	7.	764.3	31.3	1
2613	10	440	37.8073	88.0754	-342.0	(WATER)	2.60	0.81	0.57	0.0	0.0	4.587	637.	34.	3.	764.9	31.2	1
2614	1	440	37.8073	88.0747	-340.2	(WATER)	3.03	1.38	0.06	0.456	0.0	0.0	456.	38.	6.	764.3	31.2	1
2615	110	436	37.8073	88.0739	-339.7	(WATER)	0.95	0.27	0.24	0.0	0.0	0.0	344.	38.	5.	764.9	31.2	1
2616	11	436	37.8073	88.0732	-337.7	QAL	1.80	-0.02	0.14	0.0	0.0	0.0	347.	26.	8.	763.8	31.2	1
2617	10	432	37.8073	88.0725	-336.7	QAL	1.59	0.46	0.29	0.0	0.0	5.524	437.	30.	7.	763.3	31.3	1
2618	10	436	37.8073	88.0718	-334.5	QAL	3.62	0.43	0.54	0.0	0.0	6.740	705.	30.	6.	763.8	31.4	1
2619	0	436	37.8073	88.0710	-333.2	QAL	5.47	1.57	0.75	0.286	2.089	7.306	1008.	37.	3.	764.3	31.5	1
2620	0	432	37.8073	88.0703	-334.0	QAL	4.49	2.16	1.34	0.481	1.605	3.339	1288.	34.	7.	763.8	31.5	1
2621	10	436	37.8073	88.0696	-332.2	QAL	7.00	0.77	1.35	0.0	0.0	5.174	1606.	35.	5.	763.8	31.5	1
2622	0	444	37.8073	88.0690	-331.7	QAL	6.84	2.74	1.29	0.401	2.132	5.315	1695.	43.	2.	763.3	31.5	1
2623	0	452	37.8074	88.0683	-330.5	QAL	8.26	3.65	1.47	0.442	2.476	5.605	1813.	30.	1.	763.3	31.6	1
2624	0	456	37.8074	88.0676	-329.0	QAL	7.88	1.82	1.69	0.232	1.078	4.653	1874.	42.	3.	764.3	31.5	1
2625	0	464	37.8074	88.0668	-329.0	QAL	7.17	4.94	1.50	0.689	3.288	4.773	1915.	52.	3.	763.8	31.5	1
2626	0	468	37.8074	88.0661	-328.5	QAL	8.26	4.25	1.34	0.514	3.164	6.153	1896.	39.	0.	762.8	31.5	1
2627	0	472	37.8073	88.0654	-328.0	QAL	8.92	4.25	1.54	0.476	2.756	5.788	1915.	39.	0.	763.3	31.4	1
2628	0	472	37.8073	88.0647	-326.7	QAL	6.70	2.79	1.67	0.416	1.671	4.016	1899.	48.	2.	763.3	31.4	1
2629	0	476	37.8073	88.0639	-326.2	QAL	7.41	3.38	1.58	0.456	2.141	4.694	1968.	42.	0.	762.8	31.4	1
2630	0	476	37.8074	88.0632	-325.2	QAL	8.48	2.94	1.76	0.347	1.668	4.809	1918.	49.	0.	763.3	31.4	1
2631	0	476	37.8074	88.0625	-325.0	QAL	6.98	4.09	1.70	0.586	2.402	4.098	2003.	48.	1.	763.3	31.4	1
2632	0	476	37.8074	88.0618	-323.7	QAL	10.87	2.62	1.54	0.241	1.701	7.053	1998.	45.	0.	762.8	31.4	1
2633	0	472	37.8074	88.0611	-324.7	QAL	10.06	3.44	1.64	0.342	2.096	6.124	1979.	35.	0.	762.8	31.4	1
2634	0	472	37.8074	88.0603	-323.5	QAL	8.14	3.39	1.59	0.417	2.136	5.120	2015.	39.	0.	762.8	31.4	1
2635	0	472	37.8074	88.0596	-322.7	QAL	9.02	2.65	1.73	0.294	1.527	5.202	1952.	33.	2.	763.3	31.4	1
2636	0	472	37.8074	88.0589	-321.5	QAL	8.91	3.54	1.79	0.398	1.984	4.985	1984.	35.	2.	763.3	31.4	1
2637	0	472	37.8074	88.0582	-321.5	QAL	7.55	5.06	1.33	0.671	3.814	5.686	1926.	40.	0.	762.8	31.3	1
2638	0	468	37.8074	88.0574	-320.5	QAL	12.19	2.50	1.78	0.205	1.400	6.831	1986.	31.	2.	763.3	31.4	1
2639	0	464	37.8074	88.0567	-319.7	QAL	8.63	3.66	1.57	0.423	2.327	5.496	1909.	45.	4.	763.3	31.3	1
2640	0	464	37.8074	88.0560	-320.2	QAL	8.58	3.96	1.67	0.462	2.367	5.128	1944.	47.	1.	762.8	31.3	1
2641	0	464	37.8074	88.0554	-319.5	QAL	9.91	4.26	1.45	0.430	2.941	6.846	1997.	37.	2.	763.3	31.4	1
2642	0	464	37.8074	88.0547	-319.0	QAL	9.10	3.29	1.57	0.361	2.096	5.803	1913.	36.	2.	763.8	31.4	1
2643	0	460	37.8074	88.0539	-319.2	QAL	9.81	1.67	1.32	0.170	1.263	7.438	1916.	37.	4.	763.3	31.5	1
2644	0	460	37.8074	88.0532	-319.2	QAL	8.52	3.22	1.54	0.377	2.090	5.538	1831.	38.	0.	763.3	31.5	1
2645	0	464	37.8074	88.0525	-319.0	QAL	8.48	2.34	1.52	0.276	1.541	5.585	1822.	31.	0.	763.3	31.4	1
2646	0	468	37.8074	88.0518	-319.2	QAL	7.46	2.19	1.58	0.293	1.387	4.730	1726.	35.	0.	763.3	31.4	1
2647	0	472	37.8074	88.0510	-319.5	QAL	8.14	2.73	1.39	0.336	1.965	5.852	1536.	41.	1.	763.8	31.4	1
2648	0	468	37.8074	88.0503	-319.0	QAL	6.49	1.68	1.06	0.259	1.589	6.127	1392.	39.	0.	763.8	31.3	1
2649	10	464	37.8074	88.0496	-320.5	QAL	5.67	1.00	1.22	0.0	0.0	4.635	1195.	36.	2.	763.3	31.3	1
2650	10	460	37.8074	88.0489	-319.2	QAL	4.85	1.27	0.74	0.0	0.0	6.559	924.	32.	4.	763.8	31.2	1

CP9 IP12

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2651	10	460	37.8074	88.0482	-318.2	(WATER)	2.90	0.29	0.49	0.0	0.0	5.925	653.	28.	5.	764.3	31.2	1
2652	10	452	37.8074	88.0475	-319.7	(WATER)	2.45	-0.26	0.26	0.0	0.0	9.535	432.	24.	5.	764.3	31.2	1
2653	100	448	37.8074	88.0467	-319.7	(WATER)	0.49	1.22	0.21	0.0	5.760	0.0	319.	39.	2.	763.3	31.3	1
2654	10	448	37.8074	88.0460	-321.0	(WATER)	2.09	-0.24	0.27	0.0	0.0	7.621	299.	33.	2.	763.3	31.5	1
2655	110	452	37.8074	88.0453	-321.0	(WATER)	1.13	0.29	0.46	0.0	0.0	0.0	409.	44.	1.	763.8	31.5	1
2656	0	460	37.8074	88.0446	-322.0	(WATER)	3.08	1.66	0.66	0.538	2.509	4.660	728.	37.	2.	763.8	31.5	1
2657	0	452	37.8074	88.0438	-322.5	(WATER)	4.78	1.61	0.99	0.337	1.630	4.839	1132.	36.	3.	763.8	31.5	1
2658	0	448	37.8074	88.0431	-323.0	(WATER)	5.30	3.33	1.20	0.628	2.777	4.418	1404.	47.	0.	763.3	31.5	1
2659	0	452	37.8074	88.0424	-324.0	(WATER)	6.22	2.83	1.30	0.455	2.174	4.782	1615.	37.	3.	762.8	31.4	1
2660	10	452	37.8075	88.0418	-324.5	QAL	8.91	1.32	1.71	0.0	0.0	5.203	1730.	44.	2.	763.3	31.4	1
2661	0	456	37.8075	88.0410	-324.5	QAL	7.28	4.06	1.62	0.558	2.504	4.490	1761.	36.	1.	763.3	31.4	1
2662	0	456	37.8074	88.0403	-326.2	QAL	6.19	2.90	1.63	0.469	1.775	3.788	1790.	47.	4.	762.8	31.4	1
2663	0	456	37.8074	88.0396	-327.2	QAL	8.39	2.23	1.67	0.265	1.334	5.027	1887.	35.	4.	763.3	31.3	1
2664	0	456	37.8074	88.0388	-327.5	QAL	11.23	3.14	1.51	0.280	2.086	7.457	1932.	33.	0.	763.8	31.3	1
2665	0	452	37.8074	88.0382	-328.2	QAL	8.65	2.78	1.30	0.322	2.138	6.643	1792.	43.	1.	764.3	31.3	1
2666	10	452	37.8074	88.0374	-329.7	QAL	11.14	0.59	1.71	0.0	0.0	6.515	1789.	38.	3.	763.8	31.2	1
2667	0	448	37.8075	88.0367	-330.2	QAL	7.61	3.38	1.55	0.445	2.184	4.912	1781.	38.	0.	763.8	31.2	1
2668	0	448	37.8075	88.0360	-331.7	QAL	8.63	2.43	1.51	0.282	1.613	5.721	1724.	47.	0.	764.9	31.2	1
2669	10	452	37.8075	88.0353	-333.7	QAL	10.30	0.93	1.61	0.0	0.0	6.400	1821.	38.	0.	762.8	31.2	1
2670	10	452	37.8075	88.0346	-334.5	QAL	10.26	1.13	1.84	0.0	0.0	5.591	1680.	45.	0.	762.8	31.3	1
2671	0	452	37.8074	88.0339	-336.7	QAL	9.06	2.71	1.21	0.299	2.246	7.511	1734.	41.	0.	764.3	31.3	1
2672	0	448	37.8074	88.0331	-338.7	(WATER)	6.74	2.11	1.50	0.313	1.405	4.482	1635.	46.	0.	763.8	31.4	1
2673	0	436	37.8074	88.0324	-339.0	(WATER)	7.72	2.81	1.31	0.365	2.143	5.878	1563.	42.	0.	763.8	31.3	1
2674	0	452	37.8075	88.0317	-340.5	(WATER)	8.34	2.37	1.12	0.285	2.117	7.435	1541.	42.	2.	764.3	31.3	1
2675	0	448	37.8075	88.0310	-343.2	(WATER)	6.08	1.69	1.19	0.279	1.423	5.102	1550.	39.	2.	763.8	31.3	1
2676	0	424	37.8075	88.0302	-345.0	(WATER)	6.30	3.17	0.88	0.504	3.598	7.137	1432.	45.	4.	763.8	31.3	1
2677	0	404	37.8075	88.0295	-346.0	(WATER)	5.05	1.38	1.23	0.272	1.120	4.113	1325.	39.	8.	764.3	31.3	1
2678	0	400	37.8075	88.0288	-348.5	(WATER)	6.59	2.85	1.03	0.433	2.780	6.415	1340.	45.	8.	763.3	31.3	1
2679	10	396	37.8075	88.0281	-349.7	QAL	6.23	0.79	0.79	0.0	0.0	7.923	1265.	32.	10.	763.3	31.2	1
2680	10	396	37.8075	88.0274	-351.0	QAL	5.86	-0.21	0.90	0.0	0.0	6.490	1129.	36.	9.	763.8	31.2	1
2681	0	396	37.8075	88.0267	-353.0	QAL	5.05	1.69	0.72	0.335	2.367	7.058	1110.	30.	7.	763.8	31.2	1
2682	10	404	37.8075	88.0260	-356.0	QAL	4.84	0.27	1.00	0.0	0.0	4.828	1048.	34.	10.	763.8	31.2	1
2683	10	432	37.8075	88.0253	-359.0	QAL	3.50	0.66	0.59	0.0	0.0	5.880	746.	38.	7.	763.3	31.2	1
2684	10	464	37.8075	88.0246	-360.0	QAL	2.22	0.27	0.39	0.0	0.0	5.740	410.	42.	5.	763.3	31.2	1
2685	10	464	37.8075	88.0238	-362.2	QAL	1.58	-0.57	0.18	0.0	0.0	9.034	307.	45.	4.	763.8	31.2	1
2686	10	464	37.8075	88.0231	-365.7	QAL	1.95	0.37	0.30	0.0	0.0	6.586	307.	48.	0.	764.9	31.2	1
2687	0	464	37.8075	88.0224	-366.2	QAL	3.28	1.56	0.19	0.474	8.049	16.981	571.	32.	0.	764.3	31.2	1
2688	0	460	37.8075	88.0217	-369.0	QAL	3.58	1.50	0.73	0.419	2.049	4.886	857.	51.	0.	763.8	31.3	1
2689	0	452	37.8075	88.0210	-372.2	QAL	4.94	1.89	1.18	0.383	1.598	4.172	1258.	30.	0.	763.8	31.2	1
2690	10	452	37.8075	88.0203	-374.5	QAL	8.65	1.20	1.20	0.0	0.0	7.229	1406.	43.	0.	763.3	31.2	1
2691	0	452	37.8075	88.0195	-375.7	QAL	5.30	4.41	1.17	0.833	3.770	4.525	1398.	39.	0.	764.3	31.2	1
2692	0	452	37.8075	88.0188	-377.5	QAL	7.05	1.78	1.31	0.252	1.358	5.393	1451.	39.	0.	763.3	31.2	1
2693	0	456	37.8075	88.0181	-379.2	QAL	7.68	2.11	1.11	0.274	1.892	6.899	1410.	42.	0.	762.3	31.2	1
2694	0	460	37.8075	88.0174	-381.2	QAL	6.92	3.54	0.79	0.512	4.488	8.762	1391.	38.	0.	763.8	31.2	1
2695	0	464	37.8075	88.0166	-383.5	QAL	4.89	2.52	1.39	0.516	1.815	3.517	1390.	39.	0.	763.3	31.2	1
2696	0	468	37.8075	88.0159	-385.2	QAL	3.90	3.18	1.60	0.814	1.990	2.445	1430.	34.	0.	762.8	31.2	1
2697	0	468	37.8075	88.0152	-388.2	QAL	7.35	2.69	1.18	0.366	2.281	6.240	1523.	52.	1.	763.8	31.2	1
2698	10	464	37.8075	88.0145	-390.5	QAL	9.28	1.29	1.30	0.0	0.0	7.165	1493.	32.	1.	762.8	31.2	1
2699	10	464	37.8075	88.0138	-394.2	QAL	8.46	1.30	1.79	0.0	0.0	4.721	1605.	39.	7.	762.8	31.2	1
2700	0	468	37.8075	88.0131	-397.7	QAL	8.22	1.85	1.44	0.225	1.289	5.723	1583.	43.	6.	763.3	31.2	1
2701	0	468	37.8075	88.0124	-399.2	QAL	6.82	2.66	1.35	0.390	1.965	5.044	1592.	41.	7.	762.3	31.2	1
2702	10	464	37.8075	88.0117	-401.7	QAL	5.80	1.39	1.55	0.0	0.0	3.738	1683.	32.	8.	763.3	31.3	1
2703	10	464	37.8075	88.0109	-403.5	QAL	8.16	0.82	1.64	0.0	0.0	4.978	1679.	39.	10.	763.8	31.3	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2704	10	464	37.8076	88.0102	-406.5	QAL	5.95	-0.45	1.38	0.0	0.0	4.320	1610.	40.	12.	762.8	31.2	1
2705	0	460	37.8075	88.0095	-407.2	QT-2	7.25	1.98	1.46	0.273	1.357	4.975	1741.	37.	10.	764.3	31.2	1
2706	0	456	37.8075	88.0087	-411.0	QT-2	9.51	2.68	1.21	0.282	2.219	7.874	1771.	48.	9.	763.8	31.3	1
2707	0	452	37.8075	88.0080	-413.7	QT-2	8.09	2.88	1.40	0.356	2.063	5.790	1836.	36.	7.	761.8	31.3	1
2708	0	448	37.8075	88.0073	-413.7	QT-2	8.65	2.56	1.26	0.296	2.034	6.864	1760.	48.	4.	762.8	31.3	1
2709	0	448	37.8075	88.0067	-415.5	QT-2	7.28	2.80	1.82	0.384	1.540	4.006	1842.	42.	10.	763.8	31.4	1
2710	10	448	37.8075	88.0059	-419.5	QT-2	8.66	1.54	1.71	0.0	0.0	5.065	1820.	33.	9.	762.3	31.4	1
2711	10	448	37.8076	88.0052	-423.7	QT-2	9.57	0.03	1.64	0.0	0.0	5.833	1699.	37.	10.	763.3	31.4	1
2712	10	396	37.8076	88.0045	-425.2	QT-2	7.47	0.48	1.42	0.0	0.0	5.255	1571.	37.	8.	764.3	31.4	1
2713	0	380	37.8076	88.0038	-428.2	QT-2	5.23	2.48	1.24	0.475	1.997	4.205	1522.	41.	9.	761.8	31.3	1
2714	0	372	37.8075	88.0030	-430.0	QT-2	7.34	1.75	1.16	0.238	1.507	6.330	1492.	40.	4.	761.8	31.4	1
2715	10	368	37.8076	88.0023	-430.2	QT-2	7.75	0.55	1.33	0.0	0.0	5.805	1459.	44.	4.	764.3	31.4	1
2716	10	372	37.8075	88.0016	-433.2	QT-2	7.93	1.14	1.20	0.0	0.0	6.596	1393.	39.	2.	762.8	31.4	1
2717	0	388	37.8075	88.0009	-436.2	QT-2	7.56	2.52	0.95	0.332	2.643	7.951	1435.	42.	2.	761.8	31.4	1
2718	0	428	37.8075	88.0002	-437.2	QT-2	6.34	2.25	1.43	0.355	1.576	4.438	1610.	42.	4.	764.3	31.4	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1	0	516	37.7191	88.0005	-801.7	PPST	6.46	3.50	1.08	0.542	3.237	5.966	1595.	23.	6.	757.6	25.4	1
2	0	504	37.7191	88.0011	-800.2	PPST	5.05	4.44	1.09	0.881	4.074	4.626	1451.	52.	2.	758.7	25.4	1
3	0	492	37.7191	88.0018	-800.0	PPST	5.82	2.83	0.89	0.486	3.189	6.558	1388.	55.	3.	758.7	25.4	1
4	0	488	37.7191	88.0024	-799.7	PPST	7.84	1.85	0.97	0.236	1.905	8.076	1382.	57.	0.	758.7	25.4	1
5	0	468	37.7190	88.0030	-800.2	PPST	7.17	3.99	1.03	0.557	3.888	6.983	1454.	38.	3.	758.7	25.4	1
6	0	456	37.7190	88.0038	-798.5	PPST	5.87	2.28	1.24	0.388	1.840	4.744	1470.	40.	2.	759.2	25.4	1
7	0	460	37.7190	88.0044	-797.0	PPST	5.61	4.46	0.93	0.796	4.786	6.016	1566.	44.	7.	759.2	25.4	1
8	10	468	37.7190	88.0051	-796.2	PPST	5.54	1.16	1.18	0.0	0.0	4.707	1438.	47.	6.	758.7	25.4	1
9	10	476	37.7189	88.0057	-796.7	PPST	6.24	1.20	1.17	0.0	0.0	5.344	1406.	42.	7.	759.2	25.4	1
10	0	468	37.7189	88.0065	-796.5	PPST	5.42	2.43	1.24	0.449	1.962	4.373	1439.	48.	7.	759.2	25.4	1
11	0	448	37.7189	88.0071	-795.0	PPST	4.40	3.24	0.75	0.736	4.346	5.901	1377.	56.	5.	758.7	25.4	1
12	0	424	37.7188	88.0077	-791.5	PPST	7.89	1.84	1.34	0.233	1.373	5.882	1535.	45.	0.	758.7	25.5	1
13	0	376	37.7188	88.0084	-791.0	PPST	6.40	2.71	0.81	0.423	3.321	7.854	1333.	34.	1.	758.7	25.4	1
14	0	380	37.7188	88.0091	-790.7	PPST	5.79	2.29	1.06	0.395	2.155	5.458	1402.	42.	0.	758.7	25.4	1
15	0	368	37.7188	88.0098	-790.0	PPST	6.89	3.07	1.01	0.446	3.056	6.852	1384.	38.	0.	759.2	25.4	1
16	0	364	37.7187	88.0104	-788.7	PPST	7.96	2.30	0.95	0.289	2.438	8.426	1397.	47.	0.	759.2	25.5	1
17	0	352	37.7187	88.0110	-787.0	PPST	6.68	3.38	0.98	0.507	3.461	6.834	1442.	41.	0.	758.7	25.5	1
18	10.	384	37.7187	88.0118	-785.0	PPST	7.34	1.28	1.10	0.0	0.0	6.682	1470.	52.	3.	759.2	25.5	1
19	0	396	37.7186	88.0125	-783.5	PPST	8.11	1.89	1.24	0.233	1.520	6.526	1551.	39.	4.	759.7	25.5	1
20	0	400	37.7186	88.0131	-782.0	PPST	7.64	2.33	1.14	0.304	2.044	6.718	1579.	40.	8.	759.7	25.6	1
21	0	404	37.7186	88.0137	-781.5	PPST	7.33	2.29	1.13	0.313	2.024	6.465	1589.	40.	8.	759.2	25.5	1
22	0	412	37.7186	88.0145	-781.2	PPST	6.32	3.10	1.24	0.490	2.505	5.112	1636.	29.	10.	760.2	25.5	1
23	0	400	37.7185	88.0151	-780.7	PPST	6.23	2.59	1.14	0.415	2.263	5.452	1515.	41.	10.	760.7	25.5	1
24	0	408	37.7185	88.0157	-778.7	PPST	6.88	2.08	1.26	0.303	1.652	5.456	1628.	56.	2.	759.7	25.4	1
25	0	416	37.7185	88.0164	-778.2	PPST	7.94	2.86	1.30	0.360	2.209	6.130	1596.	40.	8.	759.2	25.4	1
26	0	420	37.7184	88.0172	-776.0	PPST	7.14	4.05	1.27	0.567	3.196	5.634	1616.	33.	3.	759.7	25.4	1
27	0	444	37.7184	88.0178	-774.0	PPST	6.91	1.97	1.39	0.285	1.420	4.983	1611.	31.	1.	759.2	25.4	1
28	0	448	37.7184	88.0184	-773.5	PPST	7.88	2.39	1.26	0.303	1.902	6.275	1640.	47.	2.	759.7	25.4	1
29	0	428	37.7184	88.0191	-774.0	PPST	8.20	2.31	1.08	0.282	2.147	7.614	1531.	37.	5.	759.7	25.4	1
30	0	432	37.7184	88.0199	-772.5	PPST	6.60	2.36	1.15	0.357	2.046	5.731	1532.	43.	9.	760.2	25.5	1
31	0	452	37.7183	88.0205	-771.2	PPST	6.39	2.53	0.81	0.395	3.103	7.848	1520.	57.	12.	760.2	25.4	1
32	10	464	37.7183	88.0211	-770.7	PPST	8.15	0.02	1.46	0.0	0.0	5.567	1531.	51.	10.	758.7	25.4	1
33	10	452	37.7182	88.0218	-769.0	PPST	9.07	1.18	1.36	0.0	0.0	6.669	1550.	37.	10.	758.1	25.4	1
34	0	464	37.7182	88.0225	-766.2	PPST	6.49	4.22	0.77	0.651	5.512	8.464	1538.	42.	10.	759.2	25.4	1
35	0	476	37.7182	88.0231	-766.0	PPST	7.54	5.08	0.73	0.674	6.996	10.386	1579.	30.	6.	759.7	25.5	1
36	0	468	37.7182	88.0238	-763.5	PPST	5.97	1.85	1.48	0.309	1.243	4.021	1714.	32.	8.	759.7	25.5	1
37	0	452	37.7182	88.0244	-759.2	PPST	6.24	3.46	1.13	0.554	3.058	5.517	1551.	47.	7.	759.7	25.5	1
38	0	460	37.7182	88.0252	-757.2	PPST	9.59	1.92	1.22	0.201	1.582	7.885	1614.	45.	0.	759.2	25.6	1
39	0	448	37.7181	88.0258	-752.2	PPST	6.38	4.09	1.26	0.641	3.259	5.082	1498.	41.	0.	759.2	25.6	1
40	0	364	37.7180	88.0265	-747.2	PPST	5.87	3.13	0.83	0.533	3.795	7.114	1286.	46.	0.	760.2	25.7	1
41	0	340	37.7180	88.0271	-749.2	PPST	5.68	2.31	0.66	0.406	3.473	8.545	1199.	45.	0.	759.7	25.7	1
42	0	348	37.7180	88.0278	-752.0	PPST	4.79	2.17	0.76	0.454	2.867	6.312	1210.	41.	1.	759.2	25.8	1
43	10	388	37.7180	88.0285	-752.7	PPST	6.41	1.13	1.05	0.0	0.0	6.113	1307.	46.	3.	760.7	25.8	1
44	10	448	37.7179	88.0291	-755.5	PPST	6.90	1.11	0.91	0.0	0.0	7.555	1400.	39.	6.	760.7	25.9	1
45	10	448	37.7179	88.0298	-756.0	PPST	7.70	0.73	1.30	0.0	0.0	5.923	1424.	36.	6.	760.2	25.8	1
46	10	440	37.7179	88.0305	-754.2	PPST	9.45	0.28	1.13	0.0	0.0	8.349	1530.	38.	8.	760.7	25.8	1
47	0	424	37.7178	88.0312	-753.5	PPST	6.78	2.34	0.93	0.345	2.513	7.284	1476.	48.	6.	760.7	25.7	1
48	0	412	37.7178	88.0318	-751.5	PPST	7.73	2.97	1.05	0.384	2.822	7.355	1561.	46.	6.	761.2	25.7	1
49	0	408	37.7178	88.0325	-751.2	PPST	6.88	2.13	1.06	0.310	2.005	6.461	1626.	31.	7.	762.3	25.6	1
50	10	396	37.7178	88.0332	-751.2	PPST	9.63	1.46	1.25	0.0	0.0	7.707	1597.	45.	6.	761 8	25.7	1
51	0	380	37.7177	88.0338	-751.0	PPST	5.88	2.21	1.10	0.376	2.017	5.367	1420.	42.	8.	761.2	25.7	1
52	10	348	37.7177	88.0345	-749.2	PPST	4.81	0.88	0.92	0.0	0.0	5.217	1266.	35.	8.	761.2	25.7	1
53	10	408	37.7177	88.0352	-751.5	PPST	7.57	0.23	0.85	0.0	0.0	8.871	1348.	44.	9.	761.2	25.6	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
54	0	424	37.7177	88.0359	-751.7	PPST	6.89	2.72	0.74	0.394	3.696	9.369	1374.	38.	8.	761.8	25.7	1
55	0	424	37.7177	88.0365	-749.2	PPST	7.20	1.86	0.92	0.258	2.030	7.863	1407.	39.	10.	762.3	25.7	1
56	0	428	37.7176	88.0372	-747.7	PPST	7.75	1.87	1.08	0.242	1.727	7.152	1475.	37.	6.	761.8	25.7	1
57	10	428	37.7176	88.0378	-746.7	QT-2	8.15	0.71	1.11	0.0	0.0	7.354	1450.	44.	7.	761.8	25.7	1
58	0	424	37.7176	88.0385	-747.0	QT-2	7.80	3.19	0.94	0.409	3.408	8.327	1392.	52.	6.	762.3	25.6	1
59	0	420	37.7176	88.0392	-745.7	QT-2	7.08	3.13	1.02	0.442	3.061	6.917	1471.	30.	4.	762.3	25.7	1
60	0	420	37.7175	88.0399	-744.5	QT-2	5.77	1.81	1.19	0.314	1.525	4.856	1467.	37.	6.	762.3	25.7	1
61	10	416	37.7175	88.0405	-744.5	QT-2	6.82	0.78	1.09	0.0	0.0	6.241	1425.	42.	6.	762.8	25.7	1
62	0	416	37.7175	88.0412	-743.7	QT-1	6.00	3.48	1.06	0.581	3.293	5.671	1445.	34.	4.	762.8	25.8	1
63	0	416	37.7174	88.0419	-742.5	QT-1	5.87	3.46	1.05	0.589	3.285	5.579	1521.	29.	2.	762.8	25.8	1
64	0	416	37.7174	88.0425	-741.7	QT-2	7.75	3.63	1.00	0.468	3.624	7.736	1497.	49.	1.	762.3	25.9	1
65	10	416	37.7174	88.0432	-739.7	QT-2	6.38	0.65	1.13	0.0	0.0	5.623	1411.	35.	5.	762.3	25.9	1
66	0	412	37.7174	88.0439	-738.0	QT-2	8.27	2.41	1.14	0.292	2.125	7.288	1462.	45.	2.	762.8	26.0	1
67	0	408	37.7173	88.0445	-736.5	QT-2	7.24	2.45	1.23	0.339	2.000	5.908	1479.	54.	1.	763.3	26.0	1
68	0	396	37.7173	88.0452	-735.7	QT-2	8.09	2.65	1.29	0.327	2.051	6.264	1526.	43.	3.	763.3	26.1	1
69	0	396	37.7173	88.0459	-735.0	QT-2	7.80	1.99	1.20	0.255	1.656	6.483	1511.	38.	7.	763.3	26.2	1
70	0	392	37.7172	88.0466	-734.7	QT-2	5.98	2.95	1.24	0.494	2.387	4.832	1514.	43.	6.	762.8	26.3	1
71	0	384	37.7172	88.0474	-734.5	QT-2	6.71	3.02	1.35	0.450	2.244	4.985	1532.	44.	6.	761.8	26.3	1
72	0	376	37.7172	88.0482	-732.2	QAL	4.00	3.93	1.26	0.984	3.129	3.181	1610.	46.	8.	762.8	26.3	1
73	0	368	37.7172	88.0490	-731.2	QAL	9.75	2.82	1.21	0.289	2.319	8.033	1651.	39.	6.	763.3	26.3	1
74	10	364	37.7172	88.0497	-731.2	QAL	9.51	1.34	1.41	0.0	0.0	6.764	1632.	36.	10.	763.8	26.2	1
75	10	360	37.7172	88.0506	-729.0	QAL	7.83	1.05	1.35	0.0	0.0	5.807	1658.	35.	9.	763.8	26.1	1
76	0	360	37.7172	88.0514	-726.5	QAL	9.08	2.78	1.23	0.306	2.258	7.368	1666.	40.	7.	763.3	26.0	1
77	0	368	37.7172	88.0522	-726.2	QAL	10.53	2.74	1.03	0.260	2.655	10.200	1853.	44.	8.	763.3	26.0	1
78	0	376	37.7172	88.0530	-724.5	QAL	6.12	3.86	1.35	0.630	2.854	4.531	1844.	40.	6.	763.8	26.0	1
79	0	380	37.7172	88.0537	-724.2	QAL	8.23	3.12	1.63	0.379	1.915	5.057	2026.	39.	4.	763.8	25.9	1
80	0	384	37.7172	88.0546	-723.2	QAL	8.65	1.94	1.63	0.224	1.192	5.317	1900.	46.	8.	762.3	26.0	1
81	0	392	37.7172	88.0553	-721.0	QAL	9.85	2.98	1.32	0.302	2.262	7.485	1994.	44.	1.	762.3	26.0	1
82	0	400	37.7172	88.0561	-720.0	QAL	7.02	4.64	1.57	0.661	2.948	4.461	1965.	49.	0.	762.8	26.0	1
83	0	404	37.7172	88.0569	-718.5	QAL	8.67	3.43	1.53	0.395	2.246	5.680	2028.	32.	6.	762.8	26.0	1
84	0	408	37.7172	88.0577	-718.0	QAL	9.12	3.04	1.61	0.334	1.886	5.653	2024.	36.	1.	762.8	26.1	1
85	0	412	37.7171	88.0585	-715.5	QAL	9.66	3.24	1.65	0.336	1.962	5.843	1927.	63.	0.	762.8	26.0	1
86	0	416	37.7171	88.0593	-714.2	QAL	7.78	4.58	1.55	0.589	2.949	5.005	1975.	31.	1.	761.8	26.1	1
87	0	412	37.7172	88.0601	-712.7	QAL	10.03	3.65	1.78	0.364	2.045	5.622	2046.	44.	0.	762.3	26.1	1
88	0	416	37.7172	88.0609	-711.7	QAL	8.05	5.64	1.57	0.700	3.589	5.126	2064.	42.	1.	762.8	26.1	1
89	0	416	37.7172	88.0617	-710.2	QAL	9.30	3.92	1.89	0.422	2.070	4.910	2030.	37.	0.	762.3	26.1	1
90	0	416	37.7171	88.0625	-710.0	QAL	8.40	3.02	1.57	0.360	1.923	5.346	1946.	39.	3.	761.8	26.0	1
91	0	424	37.7171	88.0633	-707.7	QAL	9.23	4.85	1.53	0.526	3.170	6.030	2026.	52.	3.	762.3	26.0	1
92	0	424	37.7171	88.0640	-706.7	QAL	9.40	3.86	1.74	0.410	2.212	5.392	2087.	39.	3.	762.3	25.9	1
93	10	424	37.7171	88.0649	-706.5	QAL	9.55	1.45	1.85	0.0	0.0	5.165	1952.	35.	3.	762.8	25.9	1
94	0	428	37.7171	88.0656	-703.2	QAL	6.93	5.64	1.60	0.815	3.528	4.331	1942.	37.	2.	763.3	25.9	1
95	0	432	37.7171	88.0665	-702.0	QAL	9.35	3.08	1.56	0.329	1.967	5.981	1890.	37.	2.	762.8	25.8	1
96	0	436	37.7171	88.0673	-700.7	QAL	9.75	2.59	1.76	0.266	1.475	5.551	1950.	31.	6.	762.3	25.9	1
97	0	432	37.7171	88.0681	-699.7	QAL	9.12	2.54	1.42	0.278	1.788	6.422	1856.	37.	2.	762.8	25.9	1
98	0	424	37.7171	88.0688	-698.2	QAL	8.97	3.90	1.49	0.435	2.608	6.001	1949.	35.	1.	762.8	26.0	1
99	0	412	37.7171	88.0696	-698.0	QAL	5.78	3.93	1.66	0.680	2.360	3.471	1933.	33.	3.	762.8	26.0	1
100	0	400	37.7170	88.0704	-696.2	QAL	7.73	3.43	1.21	0.443	2.837	6.403	1831.	37.	4.	762.8	26.0	1
101	0	392	37.7171	88.0712	-696.2	QAL	7.93	2.70	1.41	0.341	1.912	5.609	1797.	32.	8.	762.3	25.9	1
102	0	384	37.7171	88.0720	-694.5	QAL	7.42	3.23	1.61	0.435	2.011	4.618	1683.	43.	6.	762.8	25.9	1
103	10	380	37.7171	88.0728	-693.0	QAL	10.99	1.06	1.30	0.0	0.0	8.442	1782.	51.	5.	763.8	25.8	1
104	0	380	37.7171	88.0736	-690.2	QAL	9.21	3.20	1.14	0.348	2.816	8.099	1758.	41.	8.	763.8	25.8	1
105	10	380	37.7170	88.0744	-690.0	QAL	9.20	0.82	1.50	0.0	0.0	6.142	1827.	54.	5.	764.3	25.8	1
106	0	388	37.7170	88.0752	-688.7	QAL	8.09	2.57	1.36	0.318	1.887	5.934	1835.	39.	5.	763.8	25.8	1

(Cp 6 of 12)

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
107	0	392	37.7170	88.0760	-686.5	QAL	6.74	3.33	1.52	0.494	2.198	4.446	1749.	48.	2.	763.8	25.8	1
108	0	392	37.7170	88.0768	-684.7	QAL	9.96	1.46	1.51	0.146	0.966	6.606	1756.	44.	0.	763.8	25.9	1
109	0	392	37.7170	88.0776	-683.2	QAL	6.83	2.76	1.46	0.405	1.898	4.691	1639.	42.	0.	764.3	25.8	1
110	0	392	37.7170	88.0784	-680.7	QAL	5.97	2.26	1.32	0.378	1.718	4.540	1573.	35.	2.	763.8	25.9	1
111	0	396	37.7170	88.0792	-679.7	QAL	5.85	2.15	1.24	0.367	1.734	4.732	1439.	43.	0.	763.3	25.9	1
112	0	400	37.7170	88.0799	-678.5	(WATER)	6.92	3.61	0.96	0.522	3.746	7.174	1476.	41.	0.	763.3	25.9	1
113	0	400	37.7170	88.0808	-677.5	(WATER)	5.93	1.40	0.97	0.237	1.446	6.104	1278.	48.	6.	762.8	25.9	1
114	0	412	37.7170	88.0815	-676.5	(WATER)	5.10	2.43	0.81	0.477	2.987	6.268	1051.	33.	1.	763.3	26.0	1
115	10	424	37.7170	88.0824	-675.0	(WATER)	2.29	0.58	0.68	0.0	0.0	3.372	740.	46.	7.	763.3	26.0	1
116	10	420	37.7170	88.0832	-673.2	(WATER)	2.95	-0.06	0.32	0.0	0.0	9.275	525.	39.	4.	762.8	26.0	1
117	110	416	37.7170	88.0839	-672.0	(WATER)	0.93	0.52	0.17	0.0	0.0	0.0	361.	32.	8.	763.3	26.0	1
118	110	416	37.7170	88.0848	-670.0	(WATER)	0.36	-0.19	0.22	0.0	0.0	0.0	235.	34.	6.	763.3	26.0	1
119	11	420	37.7170	88.0855	-668.5	(WATER)	1.28	-0.06	-0.08	0.0	0.0	0.0	178.	39.	6.	762.8	25.9	1
120	111	428	37.7169	88.0863	-667.5	(WATER)	0.82	-0.61	0.04	0.0	0.0	0.0	151.	34.	6.	763.3	25.8	1
121	111	436	37.7169	88.0871	-665.2	(WATER)	0.62	0.41	-0.08	0.0	0.0	0.0	112.	34.	5.	762.8	25.7	1
122	111	448	37.7169	88.0879	-663.2	(WATER)	-0.06	0.39	0.10	0.0	0.0	0.0	100.	39.	4.	762.8	25.7	1
123	101	456	37.7170	88.0887	-662.0	(WATER)	0.02	1.05	-0.04	0.0	0.0	0.0	117.	28.	0.	763.3	25.7	1
124	111	464	37.7170	88.0895	-661.0	(WATER)	-0.02	0.06	-0.02	0.0	0.0	0.0	61.	42.	1.	762.3	25.7	1
125	111	468	37.7169	88.0903	-658.2	(WATER)	-0.01	0.45	0.02	0.0	0.0	0.0	111.	43.	1.	762.3	25.7	1
126	111	472	37.7169	88.0911	-657.5	(WATER)	0.95	0.02	-0.00	0.0	0.0	0.0	63.	44.	2.	762.8	25.7	1
127	111	476	37.7169	88.0919	-655.2	(WATER)	0.10	0.93	-0.13	0.0	0.0	0.0	81.	34.	5.	762.3	25.7	1
128	111	480	37.7169	88.0928	-654.0	(WATER)	-0.04	-0.08	0.04	0.0	0.0	0.0	60.	44.	4.	762.3	25.8	1
129	111	484	37.7169	88.0936	-652.5	(WATER)	-0.05	0.03	0.05	0.0	0.0	0.0	84.	45.	5.	762.3	25.8	1
130	111	484	37.7169	88.0944	-651.7	(WATER)	0.13	-0.66	0.10	0.0	0.0	0.0	130.	38.	7.	761.8	25.8	1
131	111	484	37.7169	88.0952	-649.2	(WATER)	0.98	-0.56	0.11	0.0	0.0	0.0	165.	30.	7.	762.3	25.8	1
132	111	480	37.7169	88.0960	-648.2	(WATER)	0.11	-0.91	0.08	0.0	0.0	0.0	177.	33.	7.	762.3	25.8	1
133	10	480	37.7169	88.0967	-645.2	QAL	1.70	-1.35	0.19	0.0	0.0	9.207	320.	31.	7.	761.2	25.8	1
134	110	476	37.7169	88.0975	-643.5	QAL	0.67	0.05	0.35	0.0	0.0	0.0	439.	27.	12.	760.7	25.8	1
135	10	440	37.7169	88.0983	-641.7	QAL	2.09	0.52	0.54	0.0	0.0	3.903	628.	38.	7.	761.8	25.8	1
136	10	440	37.7169	88.0991	-640.5	QAL	2.59	0.30	0.38	0.0	0.0	6.830	734.	60.	7.	762.3	25.7	1
137	10	444	37.7169	88.0999	-639.2	QAL	2.63	-0.26	0.92	0.0	0.0	2.875	847.	46.	12.	761.2	25.6	1
138	0	448	37.7169	88.1007	-637.2	QAL	3.21	2.24	0.60	0.697	3.721	5.337	913.	40.	4.	761.2	25.7	1
139	10	444	37.7169	88.1015	-636.0	QAL	3.26	0.68	0.69	0.0	0.0	4.726	819.	39.	10.	762.8	25.6	1
140	0	392	37.7168	88.1023	-634.2	QAL	2.39	1.20	0.52	0.501	2.322	4.633	821.	41.	6.	762.8	25.6	1
141	0	376	37.7168	88.1031	-633.0	QAL	4.11	2.26	0.80	0.549	2.824	5.141	988.	38.	4.	761.8	25.6	1
142	10	384	37.7168	88.1039	-630.2	QAL	5.15	0.66	0.97	0.0	0.0	5.295	1145.	39.	5.	762.8	25.6	1
143	0	392	37.7168	88.1047	-630.0	QAL	4.08	2.44	0.92	0.597	2.654	4.445	1155.	35.	9.	763.8	25.6	1
144	0	436	37.7169	88.1055	-628.2	QAL	5.98	2.69	1.24	0.450	2.170	4.825	1446.	34.	7.	762.8	25.7	1
145	0	436	37.7168	88.1063	-625.5	QAL	5.61	1.57	0.97	0.280	1.620	5.793	1344.	48.	8.	762.8	25.6	1
146	10	432	37.7168	88.1070	-624.5	QAL	5.87	0.13	1.46	0.0	0.0	4.029	1398.	48.	9.	763.3	25.7	1
147	0	436	37.7168	88.1079	-623.7	QAL	7.27	1.71	1.31	0.235	1.300	5.537	1406.	36.	5.	762.8	25.7	1
148	0	444	37.7168	88.1087	-621.7	QAL	6.88	2.42	1.57	0.352	1.546	4.393	1554.	30.	4.	762.8	25.7	1
149	0	440	37.7168	88.1095	-621.0	QAL	8.49	2.53	0.94	0.298	2.689	9.013	1447.	46.	4.	763.3	25.7	1
150	0	436	37.7168	88.1103	-619.2	QAL	6.21	2.86	1.06	0.461	2.711	5.883	1472.	47.	3.	762.8	25.7	1
151	0	436	37.7168	88.1111	-618.7	QAL	6.87	1.60	1.21	0.234	1.331	5.697	1434.	49.	3.	762.8	25.7	1
152	10	440	37.7168	88.1119	-617.2	QAL	9.50	1.24	1.14	0.0	0.0	8.311	1595.	46.	8.	762.8	25.7	1
153	0	436	37.7168	88.1126	-616.7	QAL	7.75	1.71	1.36	0.221	1.262	5.708	1561.	56.	8.	762.8	25.7	1
154	10	436	37.7168	88.1134	-615.7	QAL	9.91	1.44	1.35	0.0	0.0	7.332	1710.	38.	7.	763.3	25.7	1
155	0	432	37.7167	88.1142	-613.7	QAL	8.49	1.66	1.19	0.196	1.391	7.110	1698.	40.	7.	763.3	25.7	1
156	0	432	37.7167	88.1150	-611.2	QAL	8.26	2.77	1.31	0.336	2.125	6.330	1737.	27.	8.	762.8	25.6	1
157	10	444	37.7167	88.1159	-610.2	QAL	7.30	1.54	1.36	0.0	0.0	5.357	1678.	54.	12.	762.8	25.6	1
158	0	440	37.7167	88.1166	-609.0	QAL	6.76	3.85	1.24	0.569	3.104	5.454	1788.	32.	10.	762.3	25.6	1
159	10	444	37.7167	88.1174	-607.5	QAL	8.92	1.39	1.44	0.0	0.0	6.180	1715.	28.	6.	762.3	25.5	1

CP9 1P12

* ID	TAGS QUAL	ALT	LAT	* LOCATION LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
160	10	448	37.7167	88.1182	-607.0	QAL	7.11	1.38	1.48	0.0	0.0	4.796	1641.	49.	11.	762.8	25.5	1
161	10	448	37.7167	88.1190	-605.7	QAL	9.02	1.70	1.38	0.0	0.0	6.558	1629.	47.	8.	762.8	25.5	1
162	10	440	37.7167	88.1198	-605.0	QAL	8.36	0.69	1.43	0.0	0.0	5.832	1657.	36.	13.	761.8	25.5	1
163	10	440	37.7167	88.1206	-603.2	QAL	9.35	0.74	1.18	0.0	0.0	7.905	1699.	36.	11.	761.2	25.5	1
164	10	440	37.7167	88.1214	-601.5	QAL	6.88	0.75	1.26	0.0	0.0	5.477	1674.	39.	16.	761.8	25.6	1
165	10	444	37.7167	88.1222	-600.5	QAL	9.23	0.71	1.42	0.0	0.0	6.507	1691.	31.	14.	762.8	25.6	1
166	10	444	37.7167	88.1230	-599.2	QAL	5.86	1.00	1.39	0.0	0.0	4.215	1612.	47.	16.	762.3	25.6	1
167	10	444	37.7167	88.1238	-598.7	QAL	6.13	0.79	1.17	0.0	0.0	5.254	1512.	43.	15.	761.2	25.6	1
168	0	444	37.7167	88.1246	-597.5	QAL	6.37	2.73	0.99	0.429	2.766	6.443	1573.	33.	10.	761.8	25.6	1
169	0	444	37.7166	88.1254	-596.5	QAL	7.37	4.24	0.81	0.575	5.248	9.128	1546.	40.	11.	762.8	25.7	1
170	0	440	37.7167	88.1262	-595.0	QAL	6.74	2.00	1.21	0.297	1.658	5.574	1530.	40.	9.	762.3	25.7	1
171	10	440	37.7167	88.1269	-593.5	QAL	7.52	0.23	1.62	0.0	0.0	4.644	1576.	42.	8.	761.2	25.7	1
172	0	440	37.7167	88.1278	-593.7	QAL	7.06	1.60	1.35	0.227	1.187	5.222	1632.	30.	5.	761.2	25.7	1
173	0	436	37.7167	88.1285	-592.2	QAL	6.29	3.26	1.41	0.518	2.317	4.474	1641.	38.	4.	762.3	25.8	1
174	0	436	37.7166	88.1293	-590.5	QAL	7.36	3.65	1.39	0.496	2.628	5.298	1722.	35.	3.	762.3	25.9	1
175	0	428	37.7166	88.1301	-589.7	QAL	8.79	2.47	1.19	0.282	2.082	7.396	1765.	39.	5.	761.8	26.0	1
176	0	424	37.7166	88.1309	-589.7	QAL	7.75	3.21	1.46	0.414	2.197	5.303	1811.	40.	4.	761.8	25.9	1
177	0	416	37.7166	88.1317	-588.0	QAL	10.00	3.32	1.50	0.332	2.204	6.647	1869.	28.	1.	762.3	25.9	1
178	0	416	37.7166	88.1325	-587.0	QAL	6.94	2.67	1.39	0.385	1.922	4.992	1674.	51.	4.	762.3	25.8	1
179	0	420	37.7166	88.1333	-585.7	QAL	7.20	2.49	1.71	0.346	1.463	4.223	1766.	44.	2.	762.3	25.8	1
180	0	420	37.7166	88.1341	-585.0	QAL	8.69	2.25	1.32	0.259	1.704	6.582	1664.	42.	0.	762.8	25.8	1
181	0	424	37.7166	88.1349	-584.2	QAL	7.45	2.83	1.25	0.380	2.261	5.948	1690.	50.	3.	763.3	25.8	1
182	0	424	37.7166	88.1357	-583.5	QAL	9.39	1.73	1.28	0.185	1.350	7.318	1713.	51.	5.	762.8	25.8	1
183	0	428	37.7166	88.1365	-582.7	QAL	7.88	3.06	1.51	0.388	2.031	5.237	1716.	43.	3.	762.8	25.7	1
184	0	424	37.7166	88.1373	-582.0	QAL	6.76	3.42	1.33	0.507	2.573	5.080	1618.	35.	3.	762.8	25.7	1
185	10	428	37.7166	88.1381	-580.7	QAL	8.10	0.42	1.42	0.0	0.0	5.698	1504.	40.	6.	762.8	25.7	1
186	0	428	37.7166	88.1390	-580.7	QAL	5.25	3.46	1.40	0.660	2.477	3.755	1557.	34.	5.	761.8	25.8	1
187	0	432	37.7166	88.1397	-579.5	QAL	7.65	1.96	1.41	0.256	1.390	5.438	1568.	45.	3.	761.8	25.6	1
188	0	436	37.7166	88.1405	-578.2	PPM	11.16	2.57	1.16	0.230	2.218	9.636	1712.	38.	0.	761.8	25.6	1
189	10	444	37.7165	88.1413	-578.5	PPM	8.22	0.02	1.43	0.0	0.0	5.760	1600.	40.	7.	761.8	25.6	1
190	0	452	37.7165	88.1421	-576.7	PPM	5.24	3.47	1.33	0.663	2.613	3.941	1631.	42.	2.	761.8	25.7	1
191	0	456	37.7165	88.1430	-575.7	PPM	8.11	2.93	1.09	0.362	2.683	7.420	1600.	38.	3.	761.8	25.6	1
192	0	460	37.7165	88.1437	-575.2	PPM	5.91	3.07	1.51	0.520	2.030	3.907	1632.	26.	1.	761.8	25.7	1
193	0	432	37.7166	88.1445	-574.0	PPM	5.40	3.67	1.17	0.679	3.144	4.627	1498.	53.	0.	761.8	25.7	1
194	10	368	37.7165	88.1453	-573.0	PPM	6.75	0.78	1.37	0.0	0.0	4.925	1400.	41.	2.	761.8	25.7	1
195	0	396	37.7165	88.1461	-572.2	PPM	5.54	3.84	1.02	0.692	3.746	5.411	1469.	44.	1.	761.8	25.7	1
196	10	412	37.7165	88.1469	-571.7	PPM	5.91	1.21	1.26	0.0	0.0	4.698	1523.	45.	3.	761.8	25.7	1
197	0	428	37.7165	88.1477	-572.5	PPM	8.58	2.07	1.26	0.241	1.647	6.831	1523.	35.	2.	761.8	25.6	1
198	0	440	37.7165	88.1485	-574.0	PPM	4.20	4.14	1.23	0.987	3.368	3.413	1496.	38.	2.	760.7	25.6	1
199	0	452	37.7165	88.1493	-573.2	PPM	6.14	4.54	0.93	0.740	4.908	6.632	1530.	40.	1.	760.7	25.6	1
200	0	460	37.7165	88.1501	-570.7	PPM	6.91	1.74	1.34	0.251	1.292	5.143	1503.	49.	2.	760.7	25.6	1
201	0	468	37.7165	88.1509	-565.7	PPM	5.49	1.58	1.32	0.288	1.196	4.153	1466.	41.	5.	760.7	25.6	1
202	0	468	37.7165	88.1517	-566.5	PPM	5.49	3.18	1.31	0.580	2.428	4.186	1385.	32.	1.	760.2	25.6	1
203	0	480	37.7165	88.1525	-570.0	PPM	4.91	3.41	1.04	0.694	3.284	4.731	1483.	44.	2.	760.2	25.6	1
204	0	476	37.7164	88.1533	-568.0	PPM	7.30	2.46	1.25	0.337	1.969	5.845	1544.	31.	2.	760.2	25.6	1
205	0	476	37.7164	88.1541	-566.7	PPM	6.46	3.75	1.08	0.581	3.490	6.009	1642.	31.	6.	759.7	25.6	1
206	0	480	37.7164	88.1549	-566.5	PPM	6.89	1.96	1.43	0.285	1.368	4.805	1578.	47.	5.	759.7	25.7	1
207	0	480	37.7164	88.1556	-566.7	PPM	7.95	2.29	1.19	0.288	1.925	6.675	1734.	27.	4.	759.7	25.8	1
208	0	468	37.7165	88.1565	-566.2	PPM	9.84	2.48	1.07	0.252	2.318	9.206	1627.	42.	6.	759.7	25.8	1
209	0	460	37.7164	88.1573	-565.2	PPM	7.31	2.36	1.31	0.323	1.803	5.589	1582.	40.	6.	759.7	25.9	1
210	10	448	37.7164	88.1581	-563.7	PPM	9.09	0.68	1.41	0.0	0.0	6.438	1656.	36.	9.	760.2	26.0	1
211	0	420	37.7164	88.1589	-564.2	PPM	8.83	2.41	1.30	0.274	1.856	6.784	1684.	45.	7.	760.2	26.1	1
212	0	412	37.7164	88.1596	-563.2	PPM	4.95	4.32	1.31	0.872	3.296	3.779	1692.	45.	7.	760.2	26.0	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
213	0	400	37.7164	88.1604	-562.7	PPM	8.81	2.41	1.18	0.273	2.036	7.455	1643.	44.	6.	760.2	25.9	1
214	0	420	37.7164	88.1612	-561.2	PPM	5.33	3.68	1.31	0.690	2.816	4.078	1631.	40.	4.	759.7	25.9	1
215	0	440	37.7164	88.1620	-562.0	PPM	9.03	3.03	1.35	0.336	2.237	6.666	1782.	33.	5.	760.2	25.8	1
216	10	428	37.7164	88.1628	-562.0	PPM	11.44	1.37	1.28	0.0	0.0	8.931	1722.	41.	2.	760.2	25.9	1
217	0	412	37.7164	88.1636	-561.2	PPM	8.69	2.78	1.41	0.320	1.976	6.178	1719.	38.	6.	759.7	25.9	1
218	0	432	37.7164	88.1644	-560.5	PPM	7.17	2.73	1.52	0.380	1.796	4.721	1748.	36.	4.	759.2	26.0	1
219	0	448	37.7164	88.1652	-560.2	PPM	7.72	2.69	1.20	0.348	2.242	6.440	1649.	47.	8.	758.7	26.0	1
220	0	460	37.7164	88.1660	-561.7	PPM	8.79	1.80	1.13	0.205	1.602	7.801	1650.	47.	6.	759.7	26.0	1
221	0	464	37.7164	88.1668	-560.5	PPM	7.34	2.67	1.50	0.363	1.783	4.909	1795.	41.	5.	760.7	26.0	1
222	10	468	37.7164	88.1676	-560.7	PPM	8.95	1.32	1.37	0.0	0.0	6.551	1610.	45.	8.	759.7	26.0	1
223	0	468	37.7164	88.1684	-561.5	PPM	8.87	3.61	0.90	0.407	4.020	9.886	1583.	50.	4.	759.7	25.9	1
224	0	464	37.7163	88.1692	-561.2	PPM	7.29	3.31	1.23	0.453	2.694	5.941	1586.	35.	3.	760.2	25.9	1
225	0	460	37.7163	88.1699	-560.5	PPM	7.63	2.55	1.42	0.334	1.802	5.389	1701.	36.	2.	759.7	25.8	1
226	0	460	37.7163	88.1708	-561 0	PPM	6.14	5.16	1.12	0.841	4.612	5.487	1669.	33.	0.	759.2	25.9	1
227	0	448	37.7163	88.1715	-560.0	PPM	7.21	4.10	1.11	0.569	3.693	6.495	1653.	44.	6.	759.7	25.8	1
228	10	444	37.7163	88.1723	-560.0	PPM	8.98	1.31	1.37	0.0	0.0	6.562	1702.	35.	7.	760.7	25.8	1
229	10	464	37.7163	88.1732	-560.0	PPM	9.16	1.28	1.28	0.0	0.0	7.145	1767.	38.	10.	760.2	25.8	1
230	0	480	37.7163	88.1739	-559.7	PPM	7.16	2.35	1.43	0.329	1.649	5.015	1681.	55.	8.	759.7	25.9	1
231	0	480	37.7163	88.1747	-561.0	PPM	6.95	2.36	1.44	0.340	1.637	4.814	1803.	44.	10.	759.7	26.0	1
232	0	480	37.7163	88.1755	-560.0	PPM	5.33	3.87	1.10	0.727	3.511	4.832	1625.	44.	10.	759.2	26.1	1
233	0	488	37.7163	88.1763	-560.7	PPM	7.60	3.49	1.02	0.459	3.417	7.445	1637.	37.	9.	759.7	26.1	1
234	0	492	37.7162	88.1771	-561.2	PPM	5.49	2.19	1.47	0.399	1.489	3.731	1634.	46.	14.	760.2	26.0	1
235	10	496	37.7163	88.1779	-561.5	PPM	6.16	1.18	1.27	0.0	0.0	4.839	1539.	37.	12.	759.2	26.0	1
236	0	496	37.7163	88.1787	-561.7	PPM	7.28	3.41	1.65	0.469	2.064	4.402	1594.	35.	4.	759.7	26.0	1
237	10	484	37.7163	88.1795	-562.7	PPM	5.56	1.49	1.23	0.0	0.0	4.518	1488.	44.	9.	759.7	25.9	1
238	10	472	37.7163	88.1803	-563.0	PPM	5.69	0.58	1.33	0.0	0.0	4.268	1387.	48.	9.	759.2	25.9	1
239	10	476	37.7162	88.1811	-563.0	PPM	6.30	1.53	1.03	0.0	0.0	6.140	1389.	51.	4.	759.7	25.7	1
240	0	480	37.7162	88.1819	-563.0	PPM	5.38	3.36	1.11	0.624	3.030	4.854	1430.	30.	4.	759.2	25.6	1
241	0	472	37.7162	88.1827	-561.7	PPM	2.87	3.78	0.95	1.319	3.986	3.023	1296.	41.	5.	759.7	25.6	1
242	0	480	37.7162	88.1835	-560.2	PPM	3.62	3.33	0.98	0.920	3.394	3.691	1370.	36.	3.	760.7	25.6	1
243	0	480	37.7162	88.1843	-559.5	PPM	5.68	2.40	0.86	0.423	2.801	6.618	1340.	48.	5.	759.7	25.6	1
244	0	424	37.7193	88.1859	-560.5	PPM	3.09	2.22	0.91	0.718	2.431	3.384	1169.	50.	8.	762.8	31.3	1
245	0	428	37.7194	88.1866	-563.2	PPM	4.84	1.56	1.06	0.323	1.477	4.576	1206.	46.	4.	762.3	31.3	1
246	10	432	37.7194	88.1873	-566.7	PPM	6.56	1.37	1.01	0.0	0.0	6.496	1302.	50.	2.	761.2	31.2	1
247	0	432	37.7194	88.1879	-570.7	PPM	6.76	2.36	0.82	0.349	2.871	8.235	1336.	36.	4.	762.3	31.2	1
248	0	428	37.7194	88.1886	-573.0	PPM	4.32	1.53	1.07	0.353	1.424	4.030	1291.	39.	4.	762.8	31.1	1
249	0	424	37.7194	88.1893	-573.0	PPM	6.05	2.21	0.93	0.365	2.382	6.520	1299.	35.	2.	760.7	31.1	1
250	0	420	37.7194	88.1900	-574.5	PPM	5.20	2.88	1.33	0.554	2.172	3.921	1341.	27.	0.	761.8	31.1	1
251	0	412	37.7194	88.1908	-574.5	PPM	7.02	1.86	1.16	0.266	1.605	6.041	1383.	44.	4.	764.3	31.1	1
252	0	404	37.7194	88.1914	-572.5	PPM	5.07	3.46	1.13	0.683	3.072	4.498	1299.	37.	0.	762.3	31.2	1
253	0	396	37.7194	88.1921	-571.5	PPM	5.70	2.59	1.07	0.455	2.408	5.299	1278.	36.	1.	761.2	31.2	1
254	0	396	37.7194	88.1929	-573.5	PPM	4.79	2.31	1.30	0.483	1.777	3.682	1236.	47.	4.	763.3	31.2	1
255	0	368	37.7194	88.1935	-578.0	PPM	4.70	2.93	0.89	0.624	3.288	5.272	1252.	42.	2.	762.3	31.2	1
256	0	372	37.7194	88.1942	-579.5	PPM	7.01	1.75	1.10	0.250	1.588	6.359	1389.	33.	2.	760.2	31.2	1
257	0	408	37.7195	88.1949	-578.5	PPM	7.00	1.37	1.31	0.196	1.044	5.337	1452.	41.	1.	761.8	31.2	1
258	0	416	37.7195	88.1956	-578.0	PPM	6.67	3.42	1.46	0.512	2.343	4.573	1556.	37.	3.	762.8	31.2	1
259	0	432	37.7195	88.1963	-578.7	PPM	6.94	3.43	1.51	0.494	2.274	4.607	1681.	32.	2.	761.2	31.2	1
260	0	432	37.7195	88.1969	-578.2	PPM	6.66	1.53	1.43	0.230	1.073	4.658	1531.	37.	5.	760.7	31.1	1
261	0	432	37.7195	88.1977	-579.0	PPM	5.39	3.61	1.36	0.670	2.657	3.964	1549.	28.	0.	762.8	31.2	1
262	0	440	37.7195	88.1984	-580.5	PPM	6.31	2.04	1.30	0.324	1.569	4.844	1538.	49.	4.	761.8	31.2	1
263	0	448	37.7195	88.1991	-581.5	PPM	7.46	2.06	1.04	0.275	1.974	7.164	1501.	37.	0.	759.7	31.1	1
264	0	448	37.7195	88.1998	-581.2	QAL	6.06	3.19	1.24	0.526	2.567	4.881	1463.	44.	0.	761.8	31.2	1
265	0	448	37.7195	88.2005	-581.7	QAL	4.86	4.06	1.34	0.836	3.031	3.626	1477.	46.	0.	762.8	31.2	1

* TAGS			* LOCATION		*		REDUCED DATA												*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
266	0	448	37.7195	88.2012	-581.0		QAL	8.22	1.84	1.52	0.224	1.212	5.408	1504.	46.	0.	760.7	31.1	1
267	0	444	37.7195	88.2019	-581.5		QAL	7.71	2.34	1.48	0.303	1.583	5.215	1551.	30.	0.	761.8	31.2	1
268	0	436	37.7196	88.2025	-582.5		QAL	6.22	1.55	1.40	0.249	1.111	4.456	1473.	55.	0.	763.8	31.2	1
269	0	432	37.7196	88.2032	-582.7		QAL	6.47	2.19	1.56	0.339	1.406	4.153	1448.	39.	0.	762.8	31.2	1
270	0	428	37.7196	88.2040	-582.2		QAL	5.72	1.74	1.29	0.305	1.351	4.434	1436.	34.	1.	760.7	31.2	1
271	0	428	37.7196	88.2046	-583.0		QAL	6.25	1.30	1.20	0.209	1.089	5.222	1380.	29.	0.	762.8	31.3	1
272	0	424	37.7196	88.2054	-582.5		QAL	5.24	2.31	1.25	0.441	1.843	4.182	1345.	31.	5.	763.8	31.2	1
273	0	424	37.7196	88.2061	-580.5		QAL	3.72	1.34	1.21	0.359	1.104	3.070	1439.	39.	6.	762.8	31.2	1
274	10	424	37.7196	88.2067	-580.7		QAL	4.30	0.74	1.53	0.0	0.0	2.814	1293.	39.	7.	761.8	31.2	1
275	0	424	37.7196	88.2074	-581.5		QAL	4.31	1.92	1.12	0.444	1.717	3.864	1330.	44.	5.	762.8	31.2	1
276	0	424	37.7197	88.2081	-582.7		QAL	4.16	1.91	0.95	0.460	2.018	4.388	1301.	32.	8.	763.8	31.1	1
277	0	424	37.7197	88.2088	-584.2		QAL	3.99	2.06	1.38	0.516	1.492	2.890	1346.	41.	5.	762.3	31.1	1
278	0	424	37.7197	88.2095	-583.5		QAL	4.54	2.29	1.21	0.505	1.892	3.749	1260.	44.	2.	761.2	31.1	1
279	0	420	37.7197	88.2102	-583.0		QAL	4.32	1.53	1.27	0.354	1.204	3.400	1191.	36.	2.	763.3	31.1	1
280	0	420	37.7197	88.2109	-584.2		QAL	2.85	2.47	0.90	0.868	2.736	3.151	1135.	45.	0.	763.8	31.1	1
281	0	416	37.7197	88.2116	-583.2		QAL	3.55	2.29	1.26	0.646	1.821	2.821	1226.	36.	1.	761.8	31.1	1
282	0	416	37.7197	88.2123	-581.2		QAL	4.33	1.18	1.32	0.273	0.898	3.289	1312.	41.	0.	761.8	31.1	1
283	0	416	37.7197	88.2130	-582.2		QAL	5.13	1.41	1.37	0.275	1.030	3.748	1348.	37.	1.	763.3	31.1	1
284	0	416	37.7197	88.2137	-583.2		QAL	2.89	3.60	1.30	1.243	2.777	2.234	1410.	48.	1.	762.3	31.1	1
285	0	416	37.7197	88.2144	-583.5		QAL	4.75	2.11	1.23	0.443	1.710	3.857	1405.	28.	0.	761.2	31.2	1
286	0	420	37.7197	88.2151	-583.7		QAL	5.14	2.47	1.26	0.480	1.952	4.069	1373.	36.	4.	762.3	31.2	1
287	0	424	37.7198	88.2157	-583.5		QAL	4.06	1.80	1.19	0.443	1.509	3.404	1320.	48.	6.	763.3	31.3	1
288	0	428	37.7197	88.2165	-583.5		QAL	4.25	1.96	1.35	0.462	1.455	3.151	1268.	42.	3.	761.8	31.3	1
289	10	424	37.7198	88.2172	-583.7		QAL	4.47	-0.95	1.33	0.0	0.0	3.353	1125.	38.	6.	760.7	31.3	1
290	0	432	37.7198	88.2179	-584.7		QT-1	2.09	2.76	1.19	1.316	2.310	1.756	1149.	46.	2.	762.3	31.3	1
291	10	432	37.7198	88.2186	-585.5		QT-1	3.82	0.99	1.49	0.0	0.0	2.565	1207.	31.	1.	763.3	31.4	1
292	10	412	37.7198	88.2192	-584.7		QT-1	4.71	1.03	1.41	0.0	0.0	3.336	1157.	33.	0.	762.3	31.5	1
293	10	432	37.7198	88.2199	-580.7		QT-1	3.82	0.94	1.08	0.0	0.0	3.540	1032.	52.	0.	761.2	31.4	1
294	0	456	37.7198	88.2207	-575.7		QT-1	2.50	1.59	1.14	0.634	1.391	2.193	1069.	40.	0.	762.8	31.3	1
295	10	460	37.7198	88.2213	-573.0		QT-1	3.77	1.03	1.29	0.0	0.0	2.918	1105.	50.	0.	763.3	31.3	1
296	10	460	37.7198	88.2220	-570.0		QT-1	2.98	0.79	1.23	0.0	0.0	2.424	1035.	39.	0.	762.3	31.2	1
297	10	460	37.7198	88.2227	-569.2		QT-1	5.06	0.25	1.41	0.0	0.0	3.602	1095.	46.	0.	761.2	31.2	1
298	0	464	37.7198	88.2234	-575.0		QT-1	2.18	1.71	1.05	0.785	1.625	2.071	1107.	40.	4.	761.2	31.2	1
299	0	468	37.7198	88.2242	-582.0		QT-1	3.28	3.25	1.13	0.991	2.887	2.914	1107.	40.	2.	762.8	31.0	1
300	10	472	37.7199	88.2248	-584.5		QT-1	5.51	0.05	1.42	0.0	0.0	3.888	1186.	42.	5.	762.8	30.9	1
301	10	476	37.7199	88.2255	-585.5		QT-1	4.74	0.48	1.17	0.0	0.0	4.046	1220.	33.	6.	761.2	31.0	1
302	0	476	37.7199	88.2262	-585.2		QT-1	5.54	1.57	1.34	0.284	1.171	4.122	1359.	34.	2.	761.8	31.1	1
303	10	476	37.7199	88.2269	-583.7		QT-1	6.22	0.50	1.29	0.0	0.0	4.821	1356.	36.	5.	762.8	31.1	1
304	10	472	37.7199	88.2276	-583.5		QT-1	5.48	1.11	1.54	0.0	0.0	3.561	1403.	42.	2.	763.3	31.1	1
305	0	472	37.7199	88.2283	-583.7		QT-1	5.28	3.95	1.12	0.749	3.514	4.693	1502.	38.	1.	763.3	31.1	1
306	10	476	37.7199	88.2290	-584.0		QT-1	6.46	0.78	1.34	0.0	0.0	4.808	1441.	36.	4.	762.3	31.0	1
307	0	476	37.7199	88.2297	-583.5		QT-1	7.95	2.74	1.22	0.345	2.245	6.513	1437.	44.	0.	763.3	31.1	1
308	0	476	37.7199	88.2303	-584.0		QT-1	6.64	2.99	1.22	0.450	2.457	5.459	1474.	44.	2.	763.3	31.0	1
309	0	476	37.7200	88.2311	-583.2		QT-1	5.37	3.01	1.16	0.561	2.600	4.639	1441.	34.	1.	760.7	31.1	1
310	0	472	37.7200	88.2318	-582.7		QT-1	5.95	1.78	1.45	0.298	1.228	4.114	1410.	39.	0.	760.7	31.2	1
311	0	476	37.7200	88.2325	-583.0		QT-1	7.29	2.24	1.20	0.308	1.873	6.086	1375.	32.	0.	762.8	31.2	1
312	0	480	37.7200	88.2332	-583.0		QT-1	4.59	1.53	1.18	0.334	1.298	3.881	1341.	27.	1.	762.8	31.1	1
313	0	484	37.7200	88.2339	-582.5		QT-1	6.76	1.60	1.24	0.237	1.290	5.439	1336.	38.	2.	761.8	31.1	1
314	0	488	37.7200	88.2345	-582.2		QT-1	6.11	2.21	1.41	0.361	1.568	4.345	1326.	35.	0.	761.8	31.1	1
315	0	492	37.7200	88.2352	-582.7		QT-1	5.02	3.42	1.04	0.681	3.277	4.816	1364.	30.	3.	762.8	31.1	1
316	10	496	37.7200	88.2359	-581.5		QAL	5.87	0.44	1.28	0.0	0.0	4.591	1379.	40.	2.	762.8	31.1	1
317	0	504	37.7200	88.2366	-581.7		QAL	7.01	1.77	1.38	0.252	1.282	5.082	1363.	41.	0.	760.7	31.2	1
318	0	508	37.7200	88.2374	-580.7		QAL	5.00	3.26	1.11	0.653	2.943	4.510	1413.	34.	0.	760.7	31.1	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
319	0	508	37.7200	88.2380	-579.2	QT-1	5.05	2.42	1.21	0.479	1.997	4.165	1333.	34.	1.	762.8	31.2	1
320	0	512	37.7201	88.2387	-578.7	QT-1	5.85	2.61	1.42	0.447	1.837	4.111	1398.	40.	0.	761.8	31.3	1
321	0	516	37.7201	88.2394	-578.7	QT-1	2.78	2.52	1.29	0.908	1.953	2.150	1257.	55.	0.	760.7	31.2	1
322	10	516	37.7201	88.2401	-578.7	QT-1	5.59	0.92	1.21	0.0	0.0	4.617	1163.	51.	0.	760.7	31.1	1
323	10	508	37.7201	88.2408	-577.5	QT-1	4.32	1.21	1.21	0.0	0.0	3.557	1151.	33.	0.	761.8	31.0	1
324	0	496	37.7201	88.2415	-577.7	QT-1	2.72	1.81	1.13	0.664	1.605	2.417	1112.	40.	2.	761.8	31.0	1
325	10	500	37.7201	88.2422	-577.5	QT-1	3.01	0.81	0.96	0.0	0.0	3.140	1012.	43.	1.	760.7	31.0	1
326	10	512	37.7201	88.2429	-579.0	QT-1	6.42	0.10	1.30	0.0	0.0	4.948	1142.	45.	2.	761.8	31.0	1
327	0	512	37.7201	88.2435	-579.5	QT-1	5.18	2.16	0.94	0.417	2.293	5.494	1137.	38.	1.	763.8	31.1	1
328	0	512	37.7201	88.2443	-579.5	QT-1	5.01	2.26	0.97	0.452	2.325	5.146	1263.	34.	2.	762.8	31.1	1
329	0	512	37.7201	88.2450	-579.0	QT-1	6.63	1.71	1.04	0.258	1.643	6.355	1157.	31.	5.	760.7	31.2	1
330	0	512	37.7201	88.2457	-579.0	QAL	4.15	3.75	0.80	0.903	4.665	5.167	1283.	36.	1.	760.7	31.2	1
331	10	512	37.7201	88.2464	-577.5	QAL	4.05	1.30	1.06	0.0	0.0	3.825	1215.	37.	3.	762.8	31.3	1
332	10	516	37.7200	88.2471	-577.0	QAL	6.71	1.38	1.08	0.0	0.0	6.187	1372.	49.	5.	762.8	31.3	1
333	10	516	37.7200	88.2478	-577.7	QAL	5.91	1.50	1.61	0.0	0.0	3.675	1342.	51.	1.	761.2	31.4	1
334	0	512	37.7201	88.2484	-576.2	QAL	5.64	2.49	1.38	0.442	1.800	4.073	1393.	46.	3.	760.2	31.4	1
335	0	516	37.7201	88.2491	-576.0	QAL	5.59	2.28	1.38	0.408	1.654	4.052	1357.	40.	0.	761.2	31.4	1
336	0	516	37.7201	88.2498	-575.5	QAL	5.54	2.51	1.37	0.453	1.831	4.039	1348.	35.	0.	762.3	31.3	1
337	10	516	37.7201	88.2505	-575.5	QAL	7.27	0.66	1.45	0.0	0.0	5.005	1426.	45.	0.	761.8	31.3	1
338	0	512	37.7201	88.2513	-574.5	QAL	6.18	1.67	1.48	0.270	1.128	4.173	1418.	41.	0.	760.7	31.2	1
339	10	512	37.7201	88.2519	-574.0	QAL	4.40	0.69	1.32	0.0	0.0	3.333	1474.	31.	4.	760.7	31.3	1
340	0	516	37.7200	88.2526	-572.2	QAL	5.61	1.84	1.41	0.327	1.303	3.982	1378.	39.	4.	761.8	31.4	1
341	10	512	37.7200	88.2533	-572.0	QT-1	6.90	1.42	1.07	0.0	0.0	6.469	1327.	39.	4.	762.8	31.5	1
342	0	516	37.7200	88.2540	-573.0	QT-1	4.58	2.01	1.51	0.439	1.332	3.034	1381.	34.	7.	761.8	31.5	1
343	0	516	37.7200	88.2547	-572.7	QT-1	4.77	1.73	1.12	0.362	1.539	4.254	1356.	37.	6.	760.2	31.5	1
344	0	512	37.7200	88.2554	-570.7	QT-1	4.20	3.55	1.07	0.844	3.326	3.940	1335.	30.	4.	760.2	31.4	1
345	10	508	37.7200	88.2561	-570.5	QT-1	4.00	0.51	1.52	0.0	0.0	2.626	1301.	38.	8.	761.2	31.4	1
346	0	504	37.7201	88.2567	-570.7	QT-1	5.27	2.09	1.14	0.396	1.839	4.643	1354.	30.	5.	761.2	31.3	1
347	0	500	37.7201	88.2574	-570.2	QT-1	6.20	2.04	1.49	0.328	1.372	4.177	1379.	41.	7.	761.8	31.4	1
348	10	496	37.7200	88.2581	-570.0	QT-1	4.70	1.18	1.25	0.0	0.0	3.759	1286.	46.	9.	762.8	31.3	1
349	10	488	37.7200	88.2589	-570.0	QT-1	7.21	-0.01	1.45	0.0	0.0	4.974	1419.	34.	4.	762.8	31.3	1
350	0	480	37.7200	88.2596	-568.7	QT-1	5.93	1.71	1.17	0.289	1.458	5.050	1370.	38.	7.	761.8	31.3	1
351	0	476	37.7200	88.2602	-569.2	QT-1	4.88	2.63	1.26	0.539	2.090	3.877	1433.	44.	7.	760.7	31.4	1
352	0	472	37.7200	88.2609	-568.2	QT-1	4.12	2.27	1.27	0.550	1.789	3.251	1445.	37.	9.	760.7	31.3	1
353	10	468	37.7200	88.2616	-568.0	QT-1	5.98	1.41	1.23	0.0	0.0	4.857	1440.	32.	7.	761.8	31.3	1
354	10	472	37.7200	88.2623	-567.7	QT-1	6.64	-0.25	1.29	0.0	0.0	5.152	1375.	42.	9.	762.8	31.4	1
355	0	476	37.7200	88.2629	-566.7	QT-1	5.38	2.55	1.30	0.474	1.958	4.126	1416.	34.	6.	763.8	31.4	1
356	0	476	37.7200	88.2637	-566.0	QAL	7.38	2.55	1.11	0.345	2.304	6.668	1425.	32.	6.	762.8	31.3	1
357	0	480	37.7200	88.2644	-566.2	QAL	5.81	2.09	1.24	0.359	1.682	4.681	1410.	41.	5.	762.8	31.3	1
358	0	484	37.7200	88.2650	-565.7	QAL	6.61	2.55	1.50	0.387	1.706	4.412	1541.	38.	5.	762.8	31.3	1
359	0	488	37.7200	88.2658	-564.0	QAL	4.45	1.52	1.87	0.343	0.815	2.380	1521.	48.	4.	761.8	31.3	1
360	10	492	37.7200	88.2664	-566.0	QAL	6.05	1.05	1.42	0.0	0.0	4.259	1412.	34.	5.	760.7	31.3	1
361	10	496	37.7200	88.2672	-566.2	QAL	6.95	0.15	1.45	0.0	0.0	4.801	1405.	37.	1.	759.7	31.4	1
362	0	500	37.7200	88.2679	-566.0	QAL	6.70	1.80	1.34	0.269	1.341	4.984	1493.	35.	7.	760.7	31.3	1
363	0	504	37.7200	88.2685	-565.7	QAL	4.61	3.12	1.23	0.676	2.539	3.757	1315.	55.	2.	760.7	31.3	1
364	0	508	37.7200	88.2692	-565.5	QAL	5.44	3.41	0.98	0.627	3.495	5.572	1345.	49.	6.	761.8	31.2	1
365	0	508	37.7200	88.2699	-564.5	QAL	6.52	2.48	1.19	0.380	2.086	5.483	1411.	48.	1.	762.8	31.2	1
366	0	504	37.7200	88.2706	-564.2	QAL	5.51	2.97	1.38	0.539	2.146	3.983	1433.	52.	8.	762.8	31.2	1
367	0	500	37.7200	88.2712	-563.2	QAL	5.18	1.58	1.48	0.304	1.066	3.503	1463.	36.	1.	761.8	31.2	1
368	0	496	37.7200	88.2720	-562.7	QAL	6.43	2.01	1.36	0.313	1.477	4.725	1469.	44.	4.	761.8	31.1	1
369	0	492	37.7200	88.2727	-562.2	QAL	6.11	2.30	1.22	0.377	1.886	5.002	1468.	43.	3.	760.7	31.1	1
370	0	488	37.7200	88.2733	-563.2	QAL	5.06	1.59	1.42	0.314	1.119	3.568	1441.	39.	3.	760.7	31.1	1
371	0	484	37.7200	88.2741	-563.0	QAL	6.55	1.84	1.61	0.280	1.140	4.064	1409.	42.	0.	762.8	31.1	1

CP 6 IP 12

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
372	0	484	37.7199	88.2748	-563.7	QAL	6.40	1.55	1.27	0.242	1.217	5.022	1416.	44.	3.	762.8	31.1	1
373	10	480	37.7199	88.2755	-564.5	QAL	7.83	0.78	1.52	0.0	0.0	5.157	1447.	35.	6.	763.8	31.1	1
374	0	472	37.7199	88.2762	-563.0	QAL	4.60	2.22	1.45	0.482	1.529	3.173	1468.	45.	4.	763.8	31.1	1
375	0	468	37.7199	88.2768	-562.2	QAL	4.62	1.70	1.37	0.367	1.239	3.374	1461.	46.	6.	762.8	31.1	1
376	10	468	37.7199	88.2775	-564.7	QAL	8.66	-0.90	1.34	0.0	0.0	6.484	1358.	43.	6.	761.8	31.1	1
377	10	468	37.7199	88.2782	-565.5	QAL	8.39	1.15	1.56	0.0	0.0	5.364	1485.	41.	6.	761.8	31.1	1
378	0	464	37.7200	88.2789	-564.5	QAL	5.71	2.21	1.31	0.387	1.685	4.352	1433.	35.	9.	760.7	31.0	1
379	10	468	37.7199	88.2796	-563.5	QAL	5.51	0.40	1.59	0.0	0.0	3.460	1453.	44.	12.	761.8	31.1	1
380	10	468	37.7199	88.2803	-562.5	QAL	5.67	1.49	1.59	0.0	0.0	3.556	1390.	31.	8.	762.8	31.1	1
381	10	464	37.7199	88.2810	-563.0	QAL	4.51	0.69	1.27	0.0	0.0	3.557	1358.	33.	11.	762.8	31.1	1
382	0	460	37.7199	88.2817	-562.5	QAL	4.55	2.19	1.02	0.482	2.148	4.459	1326.	38.	12.	762.8	31.0	1
383	10	460	37.7199	88.2824	-562.5	QAL	5.89	0.92	1.20	0.0	0.0	4.897	1398.	30.	12.	763.8	31.0	1
384	10	456	37.7199	88.2831	-561.7	QAL	5.97	0.83	1.32	0.0	0.0	4.516	1366.	41.	8.	764.3	31.0	1
385	0	452	37.7199	88.2838	-560.7	QAL	4.93	2.01	1.43	0.409	1.412	3.453	1410.	34.	9.	763.8	31.0	1
386	0	452	37.7199	88.2844	-562.7	QAL	5.05	1.71	1.44	0.338	1.187	3.506	1461.	41.	10.	763.3	31.0	1
387	10	452	37.7199	88.2851	-563.0	QAL	8.33	1.13	1.43	0.0	0.0	5.816	1567.	42.	1.	763.3	31.0	1
388	10	448	37.7199	88.2858	-562.5	QAL	7.66	0.37	1.26	0.0	0.0	6.078	1488.	46.	9.	762.8	31.0	1
389	0	448	37.7199	88.2865	-562.7	QAL	8.01	1.90	1.46	0.238	1.299	5.467	1576.	32.	7.	761.8	31.0	1
390	0	448	37.7199	88.2872	-562.7	QAL	4.80	3.54	1.18	0.738	2.990	4.052	1580.	34.	8.	761.8	31.0	1
391	0	448	37.7199	88.2879	-561.5	QAL	6.91	2.09	1.55	0.302	1.347	4.455	1657.	37.	8.	762.8	31.1	1
392	10	448	37.7199	88.2886	-560.7	QAL	6.98	0.83	1.64	0.0	0.0	4.259	1632.	48.	7.	762.8	31.1	1
393	0	456	37.7199	88.2894	-560.7	QAL	8.17	4.05	1.28	0.495	3.172	6.403	1667.	35.	2.	763.8	31.2	1
394	0	464	37.7199	88.2900	-560.5	QAL	5.23	2.59	1.55	0.494	1.669	3.376	1656.	45.	4.	764.3	31.1	1
395	0	468	37.7198	88.2907	-561.7	QAL	7.35	3.11	1.06	0.423	2.943	6.961	1657.	44.	4.	763.8	31.1	1
396	0	472	37.7198	88.2914	-560.7	QAL	6.88	2.91	1.32	0.422	2.200	5.211	1649.	47.	5.	763.8	31.0	1
397	0	476	37.7198	88.2921	-561.0	QAL	7.28	2.27	1.27	0.312	1.784	5.721	1579.	39.	1.	763.8	31.1	1
398	10	476	37.7198	88.2927	-560.7	QAL	8.65	1.13	1.43	0.0	0.0	6.062	1547.	42.	5.	763.8	31.1	1
399	0	456	37.7199	88.2934	-560.0	QAL	7.18	2.88	1.17	0.401	2.455	6.128	1419.	44.	4.	762.8	31.1	1
400	10	492	37.7199	88.2942	-558.7	QAL	8.84	0.56	1.31	0.0	0.0	6.755	1553.	36.	9.	762.8	31.1	1
401	0	492	37.7199	88.2948	-558.5	QAL	7.05	2.02	1.39	0.286	1.452	5.071	1621.	28.	8.	761.8	31.1	1
402	0	492	37.7199	88.2956	-558.2	QAL	8.87	3.17	1.37	0.358	2.320	6.478	1624.	42.	8.	760.7	31.1	1
403	0	492	37.7198	88.2962	-557.7	QAL	6.76	2.11	1.42	0.313	1.487	4.757	1643.	33.	6.	761.8	31.1	1
404	10	496	37.7198	88.2969	-556.0	QAL	5.75	1.45	1.42	0.0	0.0	4.037	1544.	35.	7.	761.8	31.1	1
405	10	492	37.7198	88.2976	-556.0	QAL	7.14	1.02	1.50	0.0	0.0	4.752	1628.	32.	7.	761.8	31.1	1
406	0	476	37.7198	88.2983	-557.0	QAL	9.10	2.26	1.21	0.248	1.867	7.521	1490.	40.	4.	763.8	31.1	1
407	0	452	37.7198	88.2990	-556.2	QAL	7.83	1.91	0.98	0.243	1.938	7.962	1508.	44.	7.	763.8	31.1	1
408	0	456	37.7198	88.2997	-555.2	QAL	6.37	4.10	1.40	0.643	2.923	4.548	1651.	44.	2.	762.8	31.1	1
409	10	460	37.7198	88.3004	-555.5	QAL	7.63	1.23	1.31	0.0	0.0	5.823	1558.	37.	5.	762.8	31.1	1
410	0	464	37.7198	88.3010	-554.7	QAL	8.48	3.34	1.09	0.394	3.067	7.774	1611.	42.	3.	763.3	31.1	1
411	0	480	37.7198	88.3017	-553.7	QAL	9.58	1.71	1.55	0.178	1.102	6.181	1688.	31.	3.	762.3	31.1	1
412	0	504	37.7198	88.3025	-553.5	QAL	5.96	2.42	1.37	0.407	1.765	4.337	1680.	47.	4.	762.3	31.0	1
413	0	508	37.7198	88.3031	-552.5	QAL	8.03	2.69	1.25	0.335	2.149	6.412	1734.	39.	4.	762.8	31.0	1
414	10	504	37.7198	88.3039	-552.2	QAL	11.65	1.50	1.40	0.0	0.0	8.331	1701.	46.	1.	761.8	31.0	1
415	10	500	37.7198	88.3045	-551.2	QAL	8.81	1.28	1.42	0.0	0.0	6.185	1647.	39.	1.	761.2	31.0	1
416	0	496	37.7198	88.3052	-549.0	QAL	8.44	3.63	1.19	0.430	3.060	7.117	1664.	35.	0.	761.2	31.0	1
417	0	492	37.7198	88.3059	-547.7	QAL	7.94	3.09	1.11	0.390	2.776	7.124	1498.	25.	0.	760.7	30.9	1
418	0	488	37.7198	88.3066	-548.5	QAL	5.79	3.81	1.14	0.658	3.351	5.096	1570.	29.	0.	760.7	31.0	1
419	0	448	37.7198	88.3073	-548.0	QAL	6.93	3.27	0.66	0.472	4.962	10.509	1303.	36.	0.	761.2	31.0	1
420	0	452	37.7198	88.3080	-546.2	QAL	7.56	2.77	1.14	0.366	2.435	6.656	1383.	40.	0.	761.2	31.0	1
421	0	484	37.7198	88.3087	-546.7	QAL	7.43	2.26	1.24	0.304	1.821	5.990	1619.	45.	0.	760.7	31.0	1
422	0	480	37.7198	88.3093	-545.2	QAL	7.91	2.77	1.25	0.350	2.207	6.314	1689.	42.	0.	760.7	31.0	1
423	10	476	37.7198	88.3100	-544.0	QAL	7.58	1.29	1.79	0.0	0.0	4.236	1644.	37.	3.	761.8	31.0	1
424	0	472	37.7198	88.3108	-543.0	QAL	6.53	2.85	1.14	0.436	2.502	5.743	1726.	36.	1.	761.8	31.0	1

CP9 IP12

*	TAGS		* LOCATION		*			REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
425	0	468	37.7198	88.3115	-542.7		QAL	10.06	2.95	1.41	0.294	2.102	7.157	1668.	38.	1.	761.8	31.0	1
426	0	468	37.7198	88.3122	-542.5		QAL	7.38	2.94	1.26	0.399	2.333	5.854	1721.	33.	0.	761.8	30.9	1
427	0	464	37.7197	88.3128	-541.0		QAL	7.47	3.39	1.58	0.453	2.139	4.717	1622.	43.	0.	762.8	31.0	1
428	0	464	37.7197	88.3136	-540.0		QAL	8.44	2.03	1.77	0.241	1.147	4.758	1686.	41.	1.	762.8	31.0	1
429	0	464	37.7197	88.3142	-539.5		QAL	5.64	3.33	1.40	0.590	2.374	4.025	1694.	35.	0.	762.8	31.0	1
430	0	468	37.7197	88.3149	-538.5		QAL	6.56	2.08	1.66	0.317	1.250	3.943	1728.	35.	3.	762.8	30.9	1
431	0	468	37.7197	88.3156	-537.7		QAL	8.04	1.63	1.31	0.203	1.243	6.124	1635.	42.	1.	763.8	31.0	1
432	10	464	37.7197	88.3163	-536.5		QAL	10.21	1.33	1.69	0.0	0.0	6.026	1758.	36.	2.	763.8	30.9	1
433	10	460	37.7198	88.3170	-536.0		QAL	9.92	1.07	1.67	0.0	0.0	5.931	1736.	26.	3.	764.3	30.9	1
434	0	456	37.7197	88.3177	-535.2		QAL	7.41	3.19	1.51	0.430	2.114	4.917	1743.	41.	4.	763.8	31.0	1
435	0	456	37.7197	88.3184	-533.5		QAL	8.19	3.57	1.51	0.437	2.363	5.414	1831.	30.	2.	763.8	31.1	1
436	10	456	37.7197	88.3190	-533.7		QAL	8.06	1.34	1.66	0.0	0.0	4.860	1715.	53.	4.	764.3	31.2	1
437	10	464	37.7197	88.3198	-533.7		QAL	6.40	1.24	1.67	0.0	0.0	3.824	1698.	40.	5.	764.3	31.3	1
438	0	464	37.7197	88.3205	-530.2		QAL	8.67	1.96	1.47	0.226	1.338	5.918	1733.	40.	3.	764.3	31.3	1
439	0	464	37.7197	88.3212	-529.0		QAL	6.46	4.25	1.34	0.658	3.158	4.801	1703.	38.	0.	763.8	31.2	1
440	0	464	37.7197	88.3219	-528.5		QAL	8.64	1.53	1.45	0.177	1.054	5.970	1719.	42.	0.	763.8	31.1	1
441	0	460	37.7197	88.3225	-527.2		QAL	7.58	3.56	1.29	0.470	2.756	5.865	1694.	40.	3.	763.8	31.1	1
442	10	460	37.7197	88.3232	-526.0		QAL	10.12	1.47	1.31	0.0	0.0	7.743	1725.	29.	0.	763.8	31.1	1
443	0	460	37.7197	88.3239	-524.0		QAL	6.26	1.66	1.77	0.265	0.937	3.532	1722.	35.	3.	763.3	31.1	1
444	0	464	37.7197	88.3246	-522.5		QAL	7.43	1.63	1.81	0.220	0.903	4.107	1874.	39.	5.	763.3	31.2	1
445	0	472	37.7197	88.3253	-521.5		QAL	7.09	1.62	1.84	0.228	0.877	3.851	1787.	43.	5.	763.8	31.3	1
446	0	472	37.7197	88.3260	-520.0		QAL	7.58	2.33	1.43	0.307	1.628	5.309	1728.	36.	6.	763.8	31.2	1
447	0	476	37.7197	88.3267	-518.5		QAL	9.51	4.30	1.30	0.452	3.319	7.337	1811.	46.	4.	763.8	31.2	1
448	0	480	37.7197	88.3274	-517.2		QAL	8.15	3.50	1.37	0.429	2.548	5.934	1863.	31.	4.	763.8	31.1	1
449	0	484	37.7197	88.3281	-515.5		QAL	7.84	3.36	1.60	0.429	2.107	4.914	1853.	56.	5.	762.8	31.1	1
450	0	484	37.7196	88.3288	-514.0		QAL	6.16	2.56	1.58	0.416	1.621	3.894	1763.	45.	5.	762.8	31.0	1
451	0	484	37.7196	88.3294	-512.5		QAL	8.46	2.42	1.90	0.286	1.270	4.446	1875.	54.	3.	763.3	31.1	1
452	0	484	37.7197	88.3302	-511.2		QAL	7.23	3.41	1.48	0.472	2.302	4.874	1772.	39.	0.	763.3	31.2	1
453	0	484	37.7197	88.3308	-510.7		QAL	6.65	2.75	1.86	0.413	1.480	3.585	1908.	52.	0.	762.8	31.0	1
454	0	480	37.7197	88.3315	-508.2		QAL	7.33	2.30	1.65	0.314	1.396	4.444	1925.	30.	0.	761.8	31.0	1
455	10	480	37.7197	88.3323	-507.2		QAL	8.50	0.78	2.00	0.0	0.0	4.252	1981.	39.	0.	762.3	31.0	1
456	0	480	37.7197	88.3329	-504.5		QAL	9.08	3.96	2.11	0.437	1.881	4.307	1993.	35.	0.	763.3	31.1	1
457	0	484	37.7197	88.3337	-504.0		QAL	8.57	3.13	1.69	0.365	1.856	5.077	1975.	33.	2.	762.8	31.1	1
458	0	484	37.7196	88.3343	-503.0		QAL	6.88	4.88	1.57	0.708	3.101	4.379	2006.	34.	0.	762.8	31.1	1
459	0	476	37.7196	88.3350	-500.7		QAL	8.06	3.00	1.85	0.371	1.620	4.362	2023.	41.	1.	762.8	31.1	1
460	10	476	37.7196	88.3357	-499.2		QAL	7.74	1.39	1.72	0.0	0.0	4.489	1867.	47.	3.	761.2	31.0	1
461	0	480	37.7196	88.3364	-496.2		QAL	11.09	1.80	1.72	0.162	1.045	6.446	2021.	29.	0.	761.2	31.1	1
462	0	488	37.7196	88.3371	-493.7		QAL	9.52	1.62	1.87	0.171	0.869	5.093	1938.	36.	1.	762.3	31.1	1
463	10	492	37.7196	88.3377	-493.2		QAL	8.06	0.76	1.62	0.0	0.0	4.981	1799.	37.	4.	761.8	31.1	1
464	0	496	37.7196	88.3385	-492.0		QAL	7.92	3.33	1.45	0.420	2.293	5.455	1799.	43.	0.	761.8	31.1	1
465	0	492	37.7196	88.3391	-488.5		QAL	7.43	1.77	1.38	0.239	1.287	5.392	1732.	38.	1.	762.3	31.1	1
466	0	484	37.7196	88.3398	-488.7		QAL	7.40	3.10	1.35	0.419	2.295	5.476	1748.	44.	1.	761.8	31.0	1
467	0	480	37.7196	88.3405	-488.0		QAL	5.39	2.89	1.64	0.537	1.761	3.277	1750.	40.	3.	760.7	31.0	1
468	0	476	37.7196	88.3413	-485.0		QAL	6.39	2.44	1.85	0.381	1.319	3.460	1884.	30.	2.	761.8	31.0	1
469	0	472	37.7196	88.3420	-485.0		QAL	10.01	1.85	1.58	0.185	1.171	6.342	1802.	43.	0.	762.8	31.0	1
470	0	468	37.7196	88.3426	-482.7		QAL	6.68	3.22	1.65	0.482	1.948	4.041	1806.	47.	0.	762.3	31.0	1
471	0	468	37.7196	88.3433	-480.7		QAL	8.65	2.90	1.66	0.335	1.747	5.208	1799.	41.	0.	762.3	31.0	1
472	0	464	37.7196	88.3440	-479.2		QAL	6.60	3.29	1.65	0.498	1.997	4.007	1840.	35.	0.	762.8	31.0	1
473	0	464	37.7196	88.3447	-477.2		QAL	6.02	2.80	1.65	0.466	1.702	3.653	1767.	42.	0.	762.8	31.0	1
474	0	464	37.7196	88.3454	-475.0		QAL	7.46	2.50	1.83	0.336	1.368	4.073	1823.	42.	0.	762.8	31.0	1
475	0	464	37.7196	88.3461	-473.0		QAL	8.34	3.55	1.73	0.426	2.052	4.816	1746.	42.	0.	763.8	31.0	1
476	0	464	37.7196	88.3468	-470.0		QAL	7.36	2.92	1.33	0.396	2.195	5.536	1745.	43.	0.	763.8	31.0	1
477	10	468	37.7196	88.3474	-468.5		QAL	9.97	1.53	1.91	0.0	0.0	5.225	1854.	37.	0.	763.8	31.0	1

CP 9 IP 12

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
478	10	468	37.7196	88.3482	-467.2	QAL	11.96	0.54	1.58	0.0	0.0	7.576	1902.	38.	3.	763.8	31.0	1
479	0	464	37.7196	88.3488	-464.0	QAL	7.51	2.83	1.82	0.378	1.558	4.127	1848.	50.	4.	764.3	31.0	1
480	0	464	37.7196	88.3495	-462.0	QAL	8.86	2.36	1.88	0.267	1.256	4.708	1980.	36.	5.	763.3	31.0	1
481	10	464	37.7196	88.3503	-460.2	QAL	7.49	1.45	1.75	0.0	0.0	4.286	1933.	40.	7.	761.2	31.0	1
482	0	460	37.7195	88.3509	-458.7	QAL	10.31	2.64	1.60	0.256	1.648	6.444	1917.	46.	6.	762.3	31.0	1
483	0	460	37.7195	88.3516	-455.0	QAL	8.36	3.51	1.69	0.420	2.080	4.952	1956.	36.	9.	762.3	31.0	1
484	10	460	37.7195	88.3523	-453.0	QAL	9.13	1.01	1.65	0.0	0.0	5.542	1860.	37.	11.	761.8	31.1	1
485	0	464	37.7195	88.3530	-451.2	QAL	8.36	2.69	1.77	0.322	1.520	4.726	1907.	40.	10.	761.8	31.1	1
486	0	464	37.7195	88.3537	-449.2	QAL	7.32	2.95	1.60	0.404	1.846	4.573	1932.	38.	10.	761.8	31.1	1
487	0	468	37.7195	88.3544	-446.7	QAL	7.16	3.26	1.72	0.455	1.895	4.163	1926.	29.	11.	761.8	31.2	1
488	0	472	37.7195	88.3551	-445.2	QAL	9.05	2.96	2.01	0.328	1.473	4.498	1998.	46.	5.	762.3	31.2	1
489	0	480	37.7195	88.3557	-443.7	QAL	10.05	3.75	1.52	0.373	2.471	6.617	1852.	41.	3.	762.3	31.2	1
490	0	488	37.7195	88.3565	-440.5	QAL	8.03	5.53	1.38	0.688	4.002	5.816	1864.	41.	3.	762.3	31.2	1
491	10	492	37.7195	88.3572	-439.5	QAL	9.91	1.10	1.65	0.0	0.0	6.014	1730.	64.	0.	762.8	31.2	1
492	0	492	37.7195	88.3578	-438.0	QAL	6.65	3.61	1.67	0.543	2.166	3.988	1750.	59.	2.	762.8	31.1	1
493	0	488	37.7195	88.3586	-434.2	QAL	8.78	2.58	1.53	0.294	1.684	5.737	1870.	27.	1.	762.8	31.1	1
494	0	484	37.7195	88.3592	-431.7	QAL	9.25	3.03	1.43	0.327	2.111	6.447	1648.	50.	0.	761.8	31.0	1
495	0	480	37.7195	88.3599	-430.0	QAL	7.27	3.75	1.40	0.515	2.671	5.184	1701.	31.	0.	761.2	31.1	1
496	0	476	37.7195	88.3606	-428.2	QAL	8.33	3.66	1.32	0.439	2.776	6.327	1843.	40.	0.	762.3	31.0	1
497	0	476	37.7195	88.3613	-426.7	QAL	8.23	3.73	1.69	0.453	2.214	4.881	1820.	38.	4.	762.3	31.0	1
498	0	472	37.7195	88.3620	-424.5	QAL	6.28	4.93	1.58	0.785	3.115	3.968	1826.	43.	1.	762.3	31.0	1
499	0	468	37.7195	88.3627	-421.5	QAL	6.89	2.18	1.65	0.317	1.328	4.190	1778.	40.	5.	762.8	30.9	1
500	0	472	37.7195	88.3634	-419.0	QAL	8.80	2.42	1.68	0.275	1.441	5.241	1743.	38.	5.	763.8	31.1	1
501	0	472	37.7195	88.3641	-418.0	QAL	9.37	2.65	1.37	0.283	1.932	6.831	1756.	31.	5.	764.3	31.1	1
502	10	476	37.7195	88.3648	-416.5	QAL	10.38	1.62	1.27	0.0	0.0	8.177	1730.	36.	6.	763.8	31.2	1
503	0	484	37.7195	88.3655	-413.7	QAL	5.35	4.10	1.48	0.768	2.769	3.608	1756.	41.	9.	763.3	31.3	1
504	10	496	37.7195	88.3662	-409.5	QAL	9.48	0.21	1.34	0.0	0.0	7.099	1631.	50.	8.	762.3	31.3	1
505	10	500	37.7194	88.3669	-408.5	QAL	9.98	1.51	1.45	0.0	0.0	6.883	1736.	31.	7.	760.7	31.4	1
506	0	508	37.7194	88.3675	-405.7	QAL	7.80	1.83	1.38	0.234	1.319	5.637	1674.	41.	8.	760.7	31.5	1
507	0	508	37.7194	88.3682	-403.2	QAL	7.17	3.45	1.17	0.481	2.952	6.141	1671.	44.	5.	761.8	31.5	1
508	0	508	37.7194	88.3689	-400.5	QAL	9.32	3.36	1.30	0.360	2.588	7.186	1741.	35.	2.	760.7	31.5	1
509	0	508	37.7194	88.3696	-396.7	QAL	8.09	3.42	1.58	0.422	2.166	5.133	1739.	37.	3.	761.8	31.5	1
510	0	508	37.7194	88.3703	-394.7	QAL	9.55	3.06	1.11	0.320	2.766	8.634	1755.	35.	4.	762.8	31.4	1
511	0	504	37.7195	88.3710	-392.2	QAL	7.91	2.21	1.64	0.280	1.353	4.835	1752.	43.	3.	762.8	31.4	1
512	0	496	37.7195	88.3717	-390.0	QAL	7.33	2.09	1.64	0.285	1.276	4.473	1768.	35.	4.	761.8	31.3	1
513	10	492	37.7194	88.3724	-387.2	QAL	9.65	1.36	1.49	0.0	0.0	6.496	1854.	43.	2.	760.7	31.3	1
514	0	488	37.7194	88.3731	-385.7	QAL	9.30	2.42	1.39	0.260	1.734	6.676	1671.	35.	1.	760.2	31.3	1
515	0	484	37.7194	88.3738	-383.0	QAL	6.40	2.45	1.38	0.383	1.784	4.658	1717.	30.	4.	760.2	31.4	1
516	0	436	37.7194	88.3745	-380.5	QAL	7.91	2.25	1.22	0.285	1.842	6.470	1583.	51.	4.	760.7	31.3	1
517	0	444	37.7194	88.3751	-378.7	QAL	5.69	2.34	1.05	0.411	2.228	5.423	1467.	51.	7.	762.8	31.3	1
518	0	452	37.7194	88.3758	-376.5	QAL	6.07	2.05	1.39	0.338	1.473	4.359	1495.	50.	6.	763.8	31.2	1
519	10	452	37.7194	88.3765	-375.2	QAL	6.97	1.40	1.28	0.0	0.0	5.451	1484.	37.	7.	762.8	31.2	1
520	0	480	37.7194	88.3772	-373.7	QAL	7.63	2.88	1.18	0.378	2.450	6.488	1616.	46.	6.	762.8	31.2	1
521	0	476	37.7194	88.3780	-370.7	QAL	9.05	2.70	0.93	0.298	2.904	9.737	1600.	37.	4.	761.8	31.1	1
522	0	448	37.7194	88.3786	-368.0	QAL	6.65	1.80	1.10	0.270	1.639	6.062	1546.	29.	7.	760.7	31.1	1
523	0	440	37.7194	88.3793	-365.2	QAL	6.39	2.88	1.22	0.450	2.363	5.250	1516.	35.	4.	760.7	31.2	1
524	0	440	37.7194	88.3801	-363.5	QAL	4.64	3.00	1.01	0.647	2.963	4.580	1398.	40.	2.	762.8	31.1	1
525	0	416	37.7194	88.3807	-360.2	QAL	6.85	1.56	0.90	0.228	1.746	7.655	1363.	36.	2.	763.3	31.2	1
526	10	416	37.7194	88.3814	-359.0	QAL	7.19	0.69	1.15	0.0	0.0	6.274	1262.	37.	2.	763.3	31.2	1
527	0	408	37.7194	88.3821	-357.5	QAL	5.74	2.77	1.11	0.482	2.496	5.177	1406.	30.	0.	764.3	31.2	1
528	0	416	37.7194	88.3828	-354.0	QAL	6.79	1.36	1.16	0.201	1.175	5.853	1334.	29.	0.	763.3	31.2	1
529	0	416	37.7193	88.3834	-351.5	QAL	5.51	2.36	0.96	0.429	2.470	5.759	1251.	39.	1.	761.8	31.2	1
530	0	464	37.7194	88.3842	-351.7	QAL	4.83	2.65	0.86	0.549	3.090	5.629	1310.	37.	1.	761.8	31.2	1

CP9 IP12
CP9 IP12

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
531	0	476	37.7194	88.3849	-347.2	QAL	4.67	3.47	1.20	0.744	2.898	3.895	1452.	26.	0.	761.8	31.2	1
532	0	488	37.7194	88.3856	-344.2	QAL	6.04	1.83	1.23	0.303	1.485	4.904	1367.	44.	2.	761.8	31.1	1
533	0	492	37.7194	88.3863	-343.0	QAL	4.28	1.89	1.57	0.441	1.206	2.731	1452.	38.	6.	762.8	31.2	1
534	10	472	37.7194	88.3869	-341.2	PPCA-1	4.29	0.57	1.21	0.0	0.0	3.542	1380.	46.	8.	762.8	31.1	1
535	0	480	37.7194	88.3876	-339.2	PPCA-1	8.27	1.97	1.24	0.238	1.588	6.684	1536.	42.	9.	762.8	31.1	1
536	0	484	37.7194	88.3883	-336.2	PPCA-1	5.66	1.64	1.28	0.289	1.284	4.438	1602.	44.	9.	761.8	31.1	1
537	10	472	37.7193	88.3890	-335.0	PPCA-1	5.45	1.34	1.13	0.0	0.0	4.827	1486.	60.	9.	761.2	31.1	1
538	0	476	37.7193	88.3897	-333.5	PPCA-1	7.02	3.27	0.89	0.466	3.678	7.885	1483.	46.	9.	762.3	31.1	1
539	0	484	37.7192	88.3904	-331.2	PPCA-1	7.09	1.83	1.17	0.258	1.568	6.068	1529.	43.	10.	762.3	31.2	1
540	10	488	37.7192	88.3912	-330.5	PPCA-1	6.08	0.88	1.45	0.0	0.0	4.206	1630.	51.	9.	762.3	31.2	1
541	0	492	37.7191	88.3919	-331.0	PPCA-1	7.57	2.44	1.14	0.322	2.145	6.665	1653.	37.	8.	762.3	31.3	1
542	0	492	37.7191	88.3926	-328.7	PPCA-1	8.04	3.39	0.90	0.422	3.759	8.917	1682.	33.	7.	761.8	31.3	1
543	0	488	37.7191	88.3933	-328.0	PPCA-1	7.68	2.40	1.26	0.312	1.903	6.098	1903.	42.	6.	760.7	31.3	1
544	0	472	37.7190	88.3941	-326.5	PPCA-1	7.84	3.29	1.23	0.420	2.683	6.389	1935.	45.	6.	760.7	31.2	1
545	0	444	37.7189	88.3948	-325.5	PPCA-1	7.24	6.63	1.32	0.917	5.013	5.469	2059.	42.	0.	760.7	31.2	1
546	0	444	37.7189	88.3955	-325.7	PPCA-1	7.01	6.63	1.49	0.946	4.450	4.705	2088.	38.	2.	761.8	31.1	1
547	0	428	37.7188	88.3962	-325.5	PPCA-1	7.51	4.11	1.61	0.548	2.552	4.661	2061.	41.	2.	762.8	31.1	1
548	0	436	37.7188	88.3969	-324.5	PPCA-1	9.42	4.46	1.88	0.474	2.373	5.010	2145.	48.	1.	762.8	31.1	1
549	0	412	37.7188	88.3976	-325.0	PPCA-1	5.81	7.29	1.26	1.256	5.793	4.614	2017.	42.	0.	761.8	31.1	1
550	0	408	37.7187	88.3983	-324.2	PPCA-1	6.50	4.69	1.52	0.721	3.087	4.281	2071.	48.	0.	760.7	31.0	1
551	0	412	37.7187	88.3990	-323.7	PPCA-1	8.49	5.26	1.18	0.620	4.464	7.200	2096.	51.	1.	760.7	31.0	1
552	0	432	37.7186	88.3998	-325.0	PPCA-1	8.36	3.43	1.47	0.411	2.331	5.675	1901.	39.	5.	762.8	31.0	1
553	0	476	37.7186	88.4005	-325.2	PPCA-1	9.17	3.54	1.35	0.386	2.627	6.802	1937.	35.	9.	763.8	31.1	1
554	0	480	37.7185	88.4012	-325.0	PPCA-1	6.96	3.39	1.16	0.488	2.927	6.002	1847.	43.	10.	762.8	31.0	1
555	10	476	37.7185	88.4020	-325.7	PPCA-1	6.57	0.89	1.17	0.0	0.0	5.596	1667.	43.	16.	760.7	31.1	1
556	0	476	37.7185	88.4027	-328.0	PPCA-1	7.52	3.09	1.15	0.411	2.681	6.531	1757.	36.	15.	760.7	31.1	1
557	10	476	37.7184	88.4034	-327.2	QAL	8.44	1.60	1.65	0.0	0.0	5.124	1850.	28.	15.	761.8	31.0	1
558	10	472	37.7184	88.4040	-326.7	QAL	9.21	0.74	1.44	0.0	0.0	6.392	1832.	33.	12.	762.8	31.0	1
559	0	472	37.7183	88.4048	-327.7	QAL	4.92	3.48	1.73	0.708	2.015	2.846	1826.	38.	8.	761.8	31.0	1
560	10	472	37.7182	88.4055	-328.2	QAL	8.79	1.12	1.41	0.0	0.0	6.252	1852.	42.	10.	761.2	31.0	1
561	10	472	37.7182	88.4062	-329.0	QAL	8.34	1.56	1.72	0.0	0.0	4.852	1823.	40.	5.	762.3	31.0	1
562	0	472	37.7182	88.4069	-329.2	QAL	6.85	2.51	1.51	0.367	1.658	4.523	1752.	36.	2.	763.3	31.0	1
563	0	476	37.7182	88.4076	-329.2	QAL	7.30	4.36	1.76	0.597	2.472	4.139	2025.	34.	2.	763.3	31.1	1
564	0	472	37.7181	88.4084	-328.7	QAL	7.30	2.69	1.55	0.368	1.730	4.696	1906.	49.	0.	761.2	31.2	1
565	0	476	37.7180	88.4091	-329.5	QAL	10.13	4.04	1.21	0.399	3.327	8.338	1863.	34.	0.	761.2	31.3	1
566	0	480	37.7180	88.4098	-329.2	QAL	6.48	3.76	1.23	0.581	3.056	5.264	1784.	31.	2.	762.8	31.2	1
567	0	480	37.7180	88.4105	-329.2	QAL	5.74	3.82	1.29	0.666	2.953	4.435	1697.	42.	3.	763.8	31.2	1
568	0	480	37.7179	88.4113	-329.7	QAL	8.83	2.30	1.22	0.260	1.880	7.221	1679.	47.	4.	762.8	31.1	1
569	0	480	37.7178	88.4119	-330.0	QAL	7.28	3.52	1.24	0.483	2.831	5.866	1790.	32.	3.	761.8	31.1	1
570	0	480	37.7178	88.4127	-329.5	QAL	8.92	2.48	1.54	0.278	1.612	5.805	1792.	36.	5.	762.8	31.1	1
571	0	476	37.7178	88.4134	-330.0	QAL	9.04	4.07	1.22	0.450	3.334	7.410	1679.	47.	1.	763.8	31.2	1
572	0	476	37.7177	88.4141	-328.2	QAL	6.94	2.34	1.23	0.338	1.902	5.635	1638.	48.	5.	762.3	31.2	1
573	0	480	37.7177	88.4149	-328.0	QAL	9.99	3.34	1.57	0.334	2.130	6.370	1739.	39.	5.	761.2	31.2	1
574	0	480	37.7177	88.4156	-326.2	QAL	9.32	3.30	1.48	0.354	2.222	6.281	1846.	38.	3.	763.3	31.2	1
575	10	480	37.7176	88.4163	-326.7	QAL	7.89	1.17	1.66	0.0	0.0	4.745	1760.	46.	9.	763.3	31.2	1
576	0	476	37.7175	88.4170	-326.5	QAL	5.11	3.01	1.80	0.588	1.671	2.840	1846.	47.	7.	761.2	31.2	1
577	10	472	37.7175	88.4177	-327.7	QAL	9.55	0.70	1.67	0.0	0.0	5.702	1838.	49.	11.	761.2	31.2	1
578	0	468	37.7174	88.4185	-327.5	QAL	6.79	2.16	1.79	0.317	1.201	3.785	1907.	33.	15.	763.8	31.3	1
579	10	468	37.7174	88.4191	-327.2	QAL	8.64	1.42	1.95	0.0	0.0	4.430	1900.	46.	13.	763.8	31.3	1
580	10	464	37.7174	88.4198	-327.5	QAL	7.87	0.84	1.45	0.0	0.0	5.440	1773.	29.	12.	761.2	31.4	1
581	10	464	37.7173	88.4205	-327.0	QAL	7.86	1.42	1.66	0.0	0.0	4.723	1724.	39.	6.	762.3	31.4	1
582	10	464	37.7173	88.4212	-326.7	QAL	7.77	0.65	1.71	0.0	0.0	4.543	1721.	33.	7.	763.8	31.4	1
583	0	468	37.7172	88.4220	-327.0	QAL	5.78	2.40	1.66	0.414	1.442	3.480	1684.	35.	6.	762.3	31.4	1

CP9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
584	0	468	37.7172	88.4227	-325.2	QAL	6.91	2.92	1.42	0.422	2.050	4.857	1548.	41.	3.	761.8	31.3	1
585	0	468	37.7171	88.4234	-324.0	QAL	7.85	2.81	1.06	0.357	2.648	7.411	1533.	31.	2.	763.8	31.3	1
586	0	468	37.7171	88.4241	-323.7	QAL	6.59	1.84	1.29	0.280	1.428	5.103	1563.	34.	0.	762.8	31.3	1
587	0	464	37.7171	88.4249	-323.2	QAL	5.14	3.43	1.43	0.668	2.407	3.605	1470.	37.	0.	761.8	31.2	1
588	0	460	37.7170	88.4256	-322.7	QAL	6.41	2.79	1.35	0.434	2.072	4.768	1578.	39.	2.	763.8	31.2	1
589	0	456	37.7170	88.4263	-322.0	QAL	4.69	2.15	1.32	0.459	1.625	3.542	1405.	50.	5.	762.8	31.2	1
590	0	448	37.7169	88.4270	-322.5	QAL	6.09	2.62	1.58	0.429	1.653	3.848	1568.	28.	4.	761.8	31.1	1
591	10	444	37.7169	88.4277	-321.5	QAL	7.31	1.38	1.34	0.0	0.0	5.443	1483.	44.	4.	762.8	31.1	1
592	0	436	37.7169	88.4284	-321.2	QAL	4.26	2.42	1.50	0.568	1.616	2.845	1517.	34.	8.	763.8	31.1	1
593	10	436	37.7168	88.4292	-321.7	QAL	7.65	1.40	1.20	0.0	0.0	6.387	1571.	30.	9.	762.8	31.2	1
594	10	436	37.7167	88.4299	-321.7	QAL	6.48	0.38	1.63	0.0	0.0	3.986	1531.	35.	13.	763.3	31.2	1
595	0	436	37.7167	88.4306	-321.5	QAL	6.22	2.82	1.34	0.452	2.106	4.654	1553.	39.	11.	764.9	31.2	1
596	0	440	37.7166	88.4313	-320.2	QAL	5.54	2.61	1.33	0.471	1.959	4.161	1571.	40.	8.	763.3	31.2	1
597	0	440	37.7166	88.4321	-319.0	QAL	5.81	2.38	1.31	0.409	1.818	4.441	1523.	38.	9.	761.8	31.2	1
598	10	444	37.7166	88.4328	-318.7	QAL	6.38	0.15	1.67	0.0	0.0	3.825	1601.	39.	10.	763.8	31.2	1
599	0	444	37.7165	88.4335	-318.2	QAL	4.45	2.34	1.47	0.525	1.591	3.029	1636.	43.	9.	763.3	31.2	1
600	10	448	37.7165	88.4342	-318.5	QAL	5.64	1.16	1.59	0.0	0.0	3.556	1671.	39.	8.	761.2	31.3	1
601	10	452	37.7164	88.4349	-317.2	QAL	8.36	1.52	1.51	0.0	0.0	5.544	1631.	35.	8.	763.3	31.4	1
602	0	456	37.7164	88.4355	-316.0	QAL	6.87	2.11	1.75	0.307	1.203	3.919	1723.	33.	8.	764.3	31.4	1
603	0	460	37.7163	88.4363	-315.2	QAL	6.15	2.68	1.52	0.435	1.764	4.052	1763.	37.	10.	761.8	31.4	1
604	10	464	37.7163	88.4370	-317.0	QAL	8.17	1.24	1.41	0.0	0.0	5.782	1730.	32.	8.	762.8	31.4	1
605	0	468	37.7163	88.4377	-316.5	QAL	8.40	1.89	1.32	0.225	1.437	6.385	1688.	30.	4.	763.8	31.4	1
606	0	468	37.7162	88.4385	-316.7	QAL	8.53	3.65	1.36	0.428	2.684	6.276	1698.	32.	3.	761.8	31.3	1
607	0	472	37.7162	88.4392	-316.5	QAL	7.55	1.75	1.45	0.232	1.206	5.206	1645.	47.	5.	761.8	31.4	1
608	10	472	37.7161	88.4399	-315.5	QAL	8.88	0.43	1.75	0.0	0.0	5.086	1678.	52.	5.	762.8	31.4	1
609	10	476	37.7160	88.4406	-315.7	QAL	6.34	1.40	1.74	0.0	0.0	3.637	1679.	40.	4.	761.2	31.5	1
610	0	480	37.7160	88.4414	-316.0	QAL	6.07	3.46	1.59	0.569	2.170	3.813	1693.	46.	5.	761.2	31.5	1
611	0	484	37.7160	88.4421	-314.2	QAL	7.10	3.01	1.74	0.424	1.729	4.080	1782.	29.	5.	762.3	31.5	1
612	0	484	37.7159	88.4427	-314.7	QAL	7.88	2.63	1.76	0.334	1.494	4.472	1749.	33.	0.	760.7	31.5	1
613	0	484	37.7159	88.4435	-313.2	QAL	7.66	2.97	1.58	0.387	1.876	4.841	1727.	31.	1.	760.7	31.4	1
614	0	484	37.7158	88.4442	-313.0	QAL	10.29	2.02	1.47	0.197	1.374	6.992	1632.	59.	0.	762.8	31.4	1
615	0	484	37.7158	88.4449	-313.0	QAL	5.68	2.54	1.61	0.446	1.573	3.526	1565.	43.	1.	761.8	31.4	1
616	0	488	37.7157	88.4456	-312.0	QAL	6.83	2.81	1.68	0.412	1.670	4.055	1745.	26.	0.	761.8	31.4	1
617	0	488	37.7157	88.4464	-311.2	QAL	6.62	2.26	1.60	0.342	1.413	4.133	1669.	47.	0.	762.8	31.3	1
618	0	484	37.7157	88.4471	-311.5	QAL	5.98	2.53	1.58	0.423	1.595	3.774	1656.	45.	0.	761.8	31.3	1
619	0	480	37.7156	88.4478	-311.0	QAL	5.94	2.30	1.76	0.471	1.592	3.380	1680.	39.	0.	760.7	31.3	1
620	0	476	37.7156	88.4485	-310.7	QAL	7.34	1.93	1.44	0.263	1.337	5.087	1516.	39.	1.	762.8	31.2	1
621	0	472	37.7155	88.4492	-309.2	QAL	7.15	1.85	1.70	0.259	1.087	4.200	1650.	43.	6.	762.8	31.2	1
622	0	472	37.7154	88.4499	-308.7	QAL	6.02	2.08	1.37	0.347	1.525	4.402	1603.	39.	6.	761.2	31.2	1
623	10	472	37.7155	88.4507	-308.7	QAL	7.03	1.06	1.33	0.0	0.0	5.272	1516.	35.	8.	762.3	31.2	1
624	10	468	37.7154	88.4514	-308.7	QAL	7.25	0.08	1.59	0.0	0.0	4.545	1585.	44.	7.	762.3	31.2	1
625	10	468	37.7153	88.4521	-306.7	QAL	6.88	0.40	1.86	0.0	0.0	3.705	1617.	34.	10.	761.2	31.2	1
626	0	472	37.7153	88.4528	-305.7	QAL	8.55	1.96	1.33	0.230	1.480	6.446	1547.	24.	7.	763.3	31.2	1
627	10	468	37.7152	88.4536	-306.0	QAL	7.56	1.27	1.50	0.0	0.0	5.047	1590.	44.	12.	762.8	31.2	1
628	0	468	37.7152	88.4542	-304.2	QAL	5.83	1.96	1.43	0.336	1.370	4.082	1561.	54.	12.	760.7	31.1	1
629	10	468	37.7152	88.4550	-303.2	QAL	9.87	1.61	1.25	0.0	0.0	7.879	1688.	29.	9.	762.8	31.1	1
630	10	468	37.7151	88.4557	-302.7	QAL	6.64	1.11	1.42	0.0	0.0	4.667	1496.	31.	8.	762.8	31.1	1
631	0	468	37.7151	88.4564	-301.7	QAL	5.02	2.12	1.50	0.423	1.412	3.341	1590.	45.	8.	760.7	31.1	1
632	0	468	37.7150	88.4572	-300.2	QAL	5.39	2.16	1.40	0.401	1.541	3.844	1598.	29.	10.	762.8	31.1	1
633	0	468	37.7150	88.4578	-299.7	QAL	5.43	2.34	1.13	0.430	2.060	4.786	1509.	46.	7.	763.3	31.2	1
634	0	472	37.7149	88.4585	-298.2	QAL	6.15	2.14	1.36	0.348	1.575	4.534	1647.	49.	9.	761.2	31.2	1
635	0	476	37.7149	88.4592	-297.7	QAL	4.77	3.22	1.41	0.674	2.290	3.395	1584.	31.	10.	762.3	31.2	1
636	0	472	37.7149	88.4599	-297.0	QAL	6.19	2.51	1.27	0.405	1.977	4.878	1710.	32.	10.	762.3	31.2	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
637	10	472	37.7148	88.4607	-297.5		QAL	9.17	1.36	1.47	0.0	0.0	6.217	1707.	42.	10.	761.8	31.2	1
638	10	468	37.7147	88.4614	-296.0		QAL	9.88	0.15	1.52	0.0	0.0	6.497	1651.	30.	10.	763.8	31.2	1
639	0	464	37.7147	88.4621	-294.0		QAL	6.96	2.05	1.66	0.295	1.238	4.202	1710.	39.	6.	762.8	31.2	1
640	0	464	37.7147	88.4628	-293.7		QAL	7.18	1.65	1.39	0.230	1.193	5.184	1688.	32.	6.	761.2	31.2	1
641	10	460	37.7146	88.4636	-293.7		QAL	9.50	1.08	1.36	0.0	0.0	6.966	1631.	52.	4.	763.3	31.2	1
642	0	460	37.7146	88.4643	-291.2		QAL	6.28	2.86	1.54	0.455	1.855	4.077	1678.	41.	1.	762.3	31.2	1
643	0	464	37.7146	88.4650	-291.0		QAL	9.15	2.81	1.41	0.307	1.991	6.487	1707.	52.	1.	760.2	31.2	1
644	0	464	37.7145	88.4657	-290.7		QAL	8.15	5.24	1.21	0.643	4.347	6.764	1672.	44.	0.	763.3	31.1	1
645	0	464	37.7144	88.4664	-289.7		QAL	7.89	2.20	1.49	0.279	1.479	5.307	1704.	32.	0.	762.3	31.2	1
646	10	464	37.7144	88.4671	-287.5		QAL	8.52	0.59	1.88	0.0	0.0	4.521	1688.	41.	0.	761.2	31.1	1
647	10	460	37.7143	88.4678	-289.0		QAL	6.24	1.07	1.74	0.0	0.0	3.592	1656.	41.	4.	763.3	31.1	1
648	0	460	37.7143	88.4686	-287.2		QAL	7.56	3.75	1.55	0.495	2.420	4.887	1637.	42.	3.	761.8	31.1	1
649	0	464	37.7143	88.4693	-285.5		QAL	4.30	3.25	1.63	0.756	1.989	2.632	1643.	47.	6.	760.7	31.1	1
650	0	464	37.7142	88.4700	-284.7		QAL	6.20	2.59	1.46	0.418	1.777	4.250	1585.	32.	2.	762.8	31.1	1
651	0	464	37.7142	88.4708	-283.7		QAL	7.02	2.64	1.55	0.376	1.705	4.536	1671.	41.	6.	761.8	31.1	1
652	0	460	37.7141	88.4715	-282.0		QAL	5.70	2.56	1.64	0.450	1.561	3.469	1600.	44.	6.	760.7	31.1	1
653	0	460	37.7141	88.4722	-281.7		QAL	6.17	2.81	1.60	0.455	1.754	3.852	1623.	37.	2.	763.8	31.1	1
654	0	456	37.7141	88.4729	-281.0		QAL	6.21	2.23	1.44	0.360	1.556	4.325	1566.	40.	6.	761.8	31.0	1
655	0	452	37.7140	88.4735	-279.2		QAL	6.50	2.48	1.19	0.382	2.087	5.460	1596.	33.	3.	760.7	31.1	1
656	0	456	37.7139	88.4742	-279.7		QAL	7.03	1.96	1.47	0.278	1.332	4.789	1604.	47.	6.	764.3	31.1	1
657	0	460	37.7139	88.4750	-278.2		QAL	6.44	1.47	1.38	0.229	1.070	4.682	1557.	32.	3.	762.8	31.1	1
658	0	460	37.7138	88.4757	-278.0		QAL	8.65	1.76	1.42	0.204	1.243	6.096	1567.	49.	0.	760.7	31.1	1
659	0	456	37.7138	88.4764	-277.2		QAL	5.67	2.28	1.63	0.402	1.397	3.478	1612.	44.	3.	763.3	31.1	1
660	0	460	37.7138	88.4771	-275.0		QAL	7.87	3.05	1.31	0.388	2.331	6.006	1580.	39.	0.	763.3	31.1	1
661	0	464	37.7137	88.4779	-270.5		QAL	8.31	3.30	1.52	0.398	2.173	5.465	1645.	27.	1.	762.3	31.1	1
662	0	464	37.7137	88.4786	-269.5		QAL	8.89	1.75	1.19	0.196	1.468	7.472	1629.	33.	0.	763.3	31.1	1
663	0	480	37.7136	88.4793	-271.7		QAL	6.33	3.22	1.59	0.509	2.027	3.984	1635.	33.	0.	762.3	31.2	1
664	0	488	37.7135	88.4800	-271.7		QAL	6.69	2.75	1.69	0.410	1.626	3.964	1620.	44.	0.	762.3	31.2	1
665	0	488	37.7135	88.4807	-271.0		QAL	6.32	3.17	1.36	0.501	2.336	4.660	1686.	35.	0.	762.3	31.2	1
666	0	488	37.7135	88.4814	-269.7		QAL	6.01	2.57	1.69	0.427	1.517	3.549	1654.	37.	0.	760.7	31.1	1
667	0	484	37.7134	88.4822	-267.7		QAL	6.91	1.79	1.51	0.259	1.186	4.575	1663.	33.	2.	761.8	31.2	1
668	0	480	37.7134	88.4829	-267.0		QAL	8.17	2.82	1.15	0.346	2.452	7.091	1551.	41.	0.	762.3	31.2	1
669	0	480	37.7133	88.4836	-266.5		QAL	6.07	2.89	1.66	0.476	1.742	3.659	1653.	30.	2.	761.2	31.3	1
670	10	484	37.7133	88.4843	-266.5		QAL	6.50	0.53	1.47	0.0	0.0	4.411	1619.	46.	7.	762.8	31.3	1
671	0	484	37.7132	88.4851	-266.0		QAL	6.20	2.98	1.37	0.481	2.172	4.517	1600.	37.	7.	762.8	31.3	1
672	0	484	37.7132	88.4858	-265.5		QAL	7.87	2.01	1.32	0.256	1.522	5.949	1649.	34.	5.	761.2	31.3	1
673	0	480	37.7132	88.4865	-265.5		QAL	6.36	3.47	1.29	0.546	2.685	4.919	1658.	35.	5.	762.8	31.3	1
674	0	444	37.7131	88.4872	-263.2		QAL	8.00	1.89	1.14	0.236	1.660	7.030	1491.	33.	4.	761.8	31.2	1
675	10	444	37.7131	88.4879	-263.0		QAL	8.16	1.07	1.56	0.0	0.0	5.223	1634.	35.	6.	761.2	31.4	1
676	0	452	37.7130	88.4886	-263.0		QAL	4.76	3.61	1.32	0.757	2.736	3.613	1637.	40.	2.	762.3	31.5	1
677	0	500	37.7130	88.4893	-262.0		QAL	6.76	3.91	1.41	0.579	2.766	4.778	1794.	35.	5.	760.7	31.4	1
678	0	500	37.7129	88.4901	-262.0		QAL	8.79	2.28	1.48	0.259	1.538	5.928	1777.	40.	5.	760.7	31.2	1
679	0	500	37.7129	88.4907	-261.2		QAL	8.55	3.76	1.25	0.440	3.001	6.820	1723.	44.	4.	762.3	31.3	1
680	0	500	37.7129	88.4915	-261.0		QAL	9.12	2.27	1.41	0.248	1.609	6.474	1687.	42.	4.	761.2	31.3	1
681	0	496	37.7128	88.4922	-259.7		QAL	6.64	1.70	1.62	0.256	1.047	4.090	1671.	50.	5.	761.2	31.2	1
682	10	488	37.7127	88.4929	-259.2		QAL	8.71	-0.24	1.42	0.0	0.0	6.115	1615.	31.	7.	761.2	31.2	1
683	10	492	37.7127	88.4937	-259.5		QAL	8.08	1.70	1.41	0.0	0.0	5.708	1667.	38.	7.	762.3	31.2	1
684	10	472	37.7126	88.4944	-259.0		QAL	7.25	1.43	1.40	0.0	0.0	5.173	1722.	39.	11.	762.8	31.2	1
685	10	476	37.7126	88.4951	-258.7		QAL	8.38	0.34	1.78	0.0	0.0	4.716	1747.	56.	8.	760.2	31.2	1
686	0	472	37.7126	88.4958	-259.5		QAL	7.89	2.60	1.58	0.330	1.643	4.987	1816.	37.	8.	761.8	31.2	1
687	0	476	37.7125	88.4965	-258.0		QAL	7.88	2.19	1.43	0.278	1.527	5.494	1732.	35.	5.	763.3	31.3	1
688	10	480	37.7125	88.4972	-258.0		QAL	8.79	1.58	1.80	0.0	0.0	4.895	1693.	42.	8.	761.2	31.3	1
689	10	476	37.7124	88.4979	-258.7		QAL	10.22	1.28	1.50	0.0	0.0	6.820	1811.	36.	5.	762.3	31.3	1

* TAGS *			* LOCATION *				REDUCED DATA											
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
690	0	472	37.7124	88.4986	-259.0	QAL	8.92	2.05	1.44	0.230	1.427	6.202	1793.	40.	2.	762.8	31.3	1
691	0	468	37.7124	88.4994	-259.2	QAL	7.49	1.61	1.18	0.215	1.366	6.364	1676.	44.	2.	762.3	31.2	1
692	0	468	37.7123	88.5001	-259.5	QAL	6.77	3.54	1.48	0.523	2.401	4.588	1770.	47.	0.	763.3	31.2	1
693	0	464	37.7123	88.5008	-259.0	QAL	9.17	2.15	1.91	0.234	1.125	4.802	1731.	38.	2.	762.3	31.2	1
694	0	460	37.7122	88.5015	-259.2	QAL	8.46	3.87	1.16	0.457	3.334	7.300	1712.	38.	0.	762.8	31.2	1
695	0	456	37.7122	88.5023	-259.2	QAL	5.58	4.26	1.62	0.764	2.636	3.449	1750.	39.	0.	763.3	31.2	1
696	0	452	37.7121	88.5030	-258.7	QAL	4.56	3.85	1.29	0.844	2.986	3.537	1657.	42.	0.	762.8	31.2	1
697	0	448	37.7121	88.5037	-258.2	QAL	4.63	2.96	1.89	0.639	1.569	2.454	1764.	38.	0.	763.3	31.3	1
698	0	444	37.7121	88.5043	-259.2	QAL	7.30	2.47	1.61	0.339	1.535	4.529	1763.	44.	1.	762.8	31.3	1
699	0	444	37.7120	88.5051	-260.7	QAL	8.77	1.60	1.45	0.183	1.102	6.038	1865.	43.	2.	762.3	31.3	1
700	0	444	37.7119	88.5058	-261.2	QAL	6.23	3.90	1.41	0.626	2.758	4.408	1848.	33.	3.	762.8	31.3	1
701	0	448	37.7119	88.5065	-262.5	QAL	9.86	3.84	1.63	0.390	2.351	6.033	1884.	27.	0.	762.3	31.4	1
702	0	456	37.7118	88.5073	-262.5	QAL	6.37	3.15	1.93	0.495	1.631	3.299	1975.	32.	6.	762.8	31.5	1
703	0	468	37.7118	88.5080	-262.7	PPCA-1	7.80	3.25	2.06	0.417	1.577	3.785	1986.	34.	3.	762.3	31.5	1
704	0	476	37.7118	88.5087	-263.7	PPCA-1	9.42	2.96	1.93	0.315	1.531	4.870	2007.	41.	0.	761.8	31.4	1
705	10	480	37.7117	88.5094	-264.2	PPCA-1	10.95	1.65	1.68	0.0	0.0	6.506	1995.	43.	3.	762.3	31.5	1
706	0	480	37.7117	88.5101	-264.0	PPCA-1	9.26	2.77	1.82	0.299	1.522	5.090	2064.	35.	3.	761.8	31.4	1
707	10	480	37.7116	88.5108	-266.0	PPCA-1	9.36	1.23	2.00	0.0	0.0	4.681	1968.	41.	4.	761.2	31.4	1
708	0	480	37.7115	88.5115	-267.5	PPCA-1	8.78	2.99	1.43	0.340	2.089	6.142	2050.	35.	4.	761.8	31.3	1
709	0	476	37.7115	88.5122	-267.2	PPCA-1	7.69	3.53	1.66	0.460	2.126	4.626	1884.	42.	4.	762.3	31.3	1
710	0	476	37.7115	88.5129	-270.0	PPCA-1	9.04	3.70	1.97	0.410	1.880	4.589	1975.	33.	4.	761.8	31.3	1
711	0	480	37.7114	88.5137	-271.5	PPCA-1	7.87	2.17	1.95	0.276	1.110	4.026	1874.	42.	5.	762.3	31.3	1
712	0	480	37.7114	88.5144	-271.0	PPCA-1	7.08	3.70	1.90	0.522	1.941	3.716	1958.	39.	11.	762.3	31.2	1
713	10	484	37.7113	88.5151	-272.5	PPCA-1	7.39	1.00	2.06	0.0	0.0	3.581	1902.	49.	8.	761.8	31.3	1
714	0	488	37.7113	88.5158	-275.2	PPCA-1	8.52	2.30	1.63	0.269	1.408	5.228	1971.	37.	9.	761.8	31.4	1
715	10	496	37.7112	88.5166	-276.7	PPCA-1	7.65	1.49	1.83	0.0	0.0	4.175	1804.	33.	13.	761.8	31.4	1
716	0	496	37.7112	88.5173	-277.2	PPCA-1	8.76	3.08	1.31	0.352	2.362	6.714	1770.	47.	8.	761.2	31.3	1
717	0	492	37.7112	88.5180	-279.7	PPCA-1	11.36	2.07	1.57	0.183	1.320	7.234	1876.	45.	4.	760.7	31.3	1
718	0	488	37.7111	88.5187	-279.5	PPCA-1	8.06	3.84	1.54	0.476	2.498	5.251	1753.	44.	1.	762.3	31.3	1
719	0	484	37.7111	88.5194	-280.5	QAL	7.05	2.57	1.51	0.365	1.701	4.663	1697.	41.	1.	762.3	31.3	1
720	0	476	37.7110	88.5201	-282.5	QAL	7.88	2.38	1.25	0.302	1.906	6.311	1650.	30.	5.	761.8	31.3	1
721	0	468	37.7110	88.5209	-283.0	QAL	7.33	4.01	1.43	0.547	2.801	5.118	1659.	36.	3.	762.3	31.3	1
722	0	460	37.7110	88.5216	-283.7	QAL	6.99	4.17	1.17	0.597	3.571	5.985	1583.	38.	0.	761.8	31.3	1
723	0	456	37.7109	88.5223	-286.2	QAL	6.05	3.33	1.10	0.551	3.029	5.496	1599.	35.	0.	761.2	31.3	1
724	0	452	37.7108	88.5230	-288.2	QAL	6.56	2.36	1.16	0.360	2.036	5.652	1586.	40.	0.	762.8	31.3	1
725	0	444	37.7108	88.5237	-289.7	QAL	7.36	3.05	1.14	0.414	2.676	6.461	1600.	32.	3.	762.3	31.3	1
726	0	444	37.7107	88.5245	-292.0	QAL	7.11	3.29	1.15	0.463	2.853	6.163	1583.	45.	4.	761.2	31.3	1
727	0	444	37.7107	88.5252	-293.2	QAL	7.63	3.88	1.12	0.508	3.475	6.837	1605.	36.	0.	761.8	31.2	1
728	0	440	37.7107	88.5259	-296.0	PPCA-1	7.22	2.00	1.42	0.277	1.410	5.082	1547.	36.	5.	762.3	31.3	1
729	0	444	37.7106	88.5266	-298.2	PPCA-1	6.14	1.75	1.28	0.285	1.368	4.792	1575.	47.	7.	762.8	31.3	1
730	0	452	37.7106	88.5272	-300.2	PPCA-1	7.84	2.37	0.94	0.303	2.517	8.320	1483.	51.	2.	762.8	31.2	1
731	0	452	37.7105	88.5280	-303.0	PPCA-1	5.46	3.39	1.26	0.621	2.681	4.319	1547.	41.	3.	762.3	31.2	1
732	0	440	37.7105	88.5287	-305.0	PPCA-1	8.02	4.22	0.99	0.526	4.251	8.089	1624.	36.	3.	762.3	31.2	1
733	0	428	37.7104	88.5294	-308.2	PPCA-1	9.43	1.95	1.39	0.207	1.400	6.778	1680.	39.	1.	762.3	31.2	1
734	0	412	37.7104	88.5301	-313.5	PPCA-1	8.40	3.50	0.86	0.416	4.061	9.763	1667.	24.	3.	762.3	31.1	1
735	0	400	37.7104	88.5309	-317.7	PPCA-1	8.20	2.21	1.45	0.269	1.524	5.655	1674.	36.	1.	761.8	31.1	1
736	0	392	37.7103	88.5316	-319.7	PPCA-1	6.64	3.49	1.02	0.526	3.427	6.510	1531.	40.	0.	762.3	31.1	1
737	0	392	37.7103	88.5323	-319.5	PPCA-1	8.13	2.43	1.12	0.299	2.167	7.246	1525.	41.	2.	763.3	31.2	1
738	10	400	37.7102	88.5331	-321.0	PPCA-1	9.68	0.90	0.94	0.0	0.0	10.288	1506.	47.	0.	762.8	31.1	1
739	10	412	37.7102	88.5337	-324.0	PPCA-1	7.19	1.33	1.08	0.0	0.0	6.670	1468.	35.	3.	762.8	31.1	1
740	10	424	37.7102	88.5344	-325.7	PPCA-1	8.58	0.40	1.18	0.0	0.0	7.290	1481.	29.	7.	762.8	31.1	1
741	0	440	37.7102	88.5352	-326.5	PPCA-1	6.35	3.34	1.02	0.525	3.276	6.235	1533.	22.	6.	762.8	31.1	1
742	0	452	37.7102	88.5359	-328.5	PPCA-1	7.86	2.18	1.45	0.277	1.503	5.430	1582.	42.	5.	762.8	31.1	1

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TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
743	0	452	37.7102	88.5366	-330.7	PPCA-1	6.68	2.18	1.25	0.327	1.746	5.340	1670.	37.	10.	762.8	31.1	1
744	0	452	37.7103	88.5373	-332.0	PPCA-1	9.88	2.27	1.52	0.230	1.493	6.495	1788.	46.	2.	762.8	31.0	1
745	0	452	37.7103	88.5380	-332.7	PPCA-1	8.91	3.69	1.61	0.415	2.295	5.536	1867.	47.	3.	762.3	31.1	1
746	10	448	37.7103	88.5388	-335.2	PPCA-2	9.76	1.13	1.64	0.0	0.0	5.970	1822.	49.	6.	762.3	31.0	1
747	10	448	37.7104	88.5395	-337.5	PPCA-2	11.80	0.69	1.62	0.0	0.0	7.286	1895.	44.	8.	762.8	31.1	1
748	0	452	37.7105	88.5402	-339.2	PPCA-1	8.80	3.19	1.64	0.363	1.947	5.366	2001.	42.	1.	763.3	31.1	1
749	0	456	37.7105	88.5409	-343.0	PPCA-1	10.74	2.57	1.42	0.239	1.815	7.583	1900.	39.	1.	763.3	31.1	1
750	0	456	37.7105	88.5417	-343.5	PPCA-1	7.73	2.20	1.75	0.285	1.256	4.410	1853.	45.	6.	762.8	31.1	1
751	0	456	37.7105	88.5424	-344.7	PPCA-1	5.70	4.78	1.23	0.838	3.881	4.631	1805.	38.	6.	761.2	31.1	1
752	0	456	37.7106	88.5430	-347.2	PPCA-1	7.69	2.98	1.56	0.387	1.905	4.919	1813.	50.	3.	761.8	31.2	1
753	0	460	37.7106	88.5437	-350.7	PPCA-1	5.98	2.26	1.42	0.377	1.590	4.213	1645.	46.	5.	763.3	31.2	1
754	0	460	37.7106	88.5445	-352.5	PPCA-1	7.25	2.65	1.52	0.366	1.738	4.754	1832.	36.	5.	763.8	31.2	1
755	10	464	37.7107	88.5452	-355.5	PPCA-1	9.10	0.95	1.33	0.0	0.0	6.838	1605.	44.	8.	762.3	31.2	1
756	0	468	37.7108	88.5459	-357.2	PPCA-1	7.72	2.57	1.69	0.332	1.522	4.581	1719.	36.	4.	762.8	31.2	1
757	0	468	37.7108	88.5467	-358.7	PPCA-1	5.61	2.09	1.23	0.372	1.693	4.550	1599.	45.	4.	762.8	31.2	1
758	0	472	37.7108	88.5473	-362.5	PPCA-1	6.59	2.35	1.65	0.356	1.420	3.986	1627.	40.	1.	761.8	31.2	1
759	0	476	37.7108	88.5481	-365.7	PPCA-1	6.84	1.99	1.33	0.291	1.495	5.132	1524.	44.	6.	762.3	31.2	1
760	0	476	37.7109	88.5488	-368.5	PPCA-1	7.73	4.97	1.20	0.642	4.154	6.468	1558.	45.	0.	762.3	31.2	1
761	0	480	37.7109	88.5495	-370.5	PPCA-1	7.51	2.90	1.15	0.387	2.530	6.540	1505.	29.	1.	761.8	31.3	1
762	0	480	37.7109	88.5502	-371.5	PPCA-1	6.85	2.68	1.17	0.392	2.293	5.857	1505.	36.	4.	762.3	31.2	1
763	0	476	37.7110	88.5509	-371.7	PPCA-1	5.14	2.42	1.13	0.470	2.140	4.556	1410.	36.	3.	762.3	31.2	1
764	0	472	37.7111	88.5516	-372.5	PPCA-1	7.45	1.62	0.99	0.217	1.633	7.530	1366.	30.	3.	761.2	31.1	1
765	0	464	37.7111	88.5523	-369.2	PPCA-1	6.06	2.37	1.02	0.391	2.318	5.937	1258.	45.	3.	762.3	31.1	1
766	0	452	37.7111	88.5530	-367.2	PPCA-1	8.61	3.16	0.68	0.367	4.672	12.718	1319.	36.	4.	762.8	31.0	1
767	0	460	37.7111	88.5538	-373.5	PPCA-1	4.84	4.92	0.75	1.016	6.540	6.437	1328.	39.	2.	761.8	31.1	1
768	0	468	37.7112	88.5545	-380.2	PPCA-1	5.48	4.77	0.96	0.869	4.960	5.705	1494.	39.	3.	761.8	31.0	1
769	0	464	37.7112	88.5552	-385.5	PPCA-1	5.60	3.73	1.16	0.665	3.211	4.825	1432.	36.	2.	761.8	31.0	1
770	0	460	37.7112	88.5559	-389.0	PPCA-1	7.04	2.91	1.08	0.414	2.700	6.524	1508.	35.	4.	761.8	31.0	1
771	0	460	37.7113	88.5567	-391.0	PPCA-1	8.16	4.36	1.03	0.534	4.226	7.908	1633.	29.	1.	761.8	31.2	1
772	0	456	37.7114	88.5574	-393.5	QAL	6.82	3.29	0.89	0.482	3.677	7.630	1569.	37.	6.	762.3	31.2	1
773	0	452	37.7114	88.5581	-395.2	QAL	5.13	2.37	0.93	0.462	2.536	5.490	1568.	37.	6.	762.3	31.2	1
774	0	448	37.7114	88.5588	-397.7	QAL	10.43	3.97	1.10	0.380	3.620	9.517	1747.	32.	8.	762.3	31.2	1
775	10	432	37.7114	88.5595	-399.2	QAL	9.66	1.63	1.20	0.0	0.0	8.086	1712.	45.	9.	762.8	31.1	1
776	0	436	37.7115	88.5602	-400.7	QAL	8.66	2.55	1.39	0.295	1.839	6.243	1926.	38.	14.	762.8	31.1	1
777	0	424	37.7115	88.5610	-401.0	QAL	6.91	4.53	1.03	0.655	4.381	6.685	1802.	43.	11.	762.8	31.1	1
778	0	408	37.7115	88.5617	-404.7	QAL	8.30	2.47	1.11	0.297	2.232	7.505	1726.	54.	11.	762.8	31.1	1
779	0	392	37.7116	88.5624	-406.7	QAL	7.07	3.46	1.43	0.490	2.417	4.934	1834.	44.	9.	762.8	31.1	1
780	0	396	37.7117	88.5631	-406.5	QAL	6.68	3.77	1.38	0.564	2.737	4.852	1949.	36.	11.	761.8	31.0	1
781	0	420	37.7117	88.5638	-408.2	QAL	9.44	2.39	1.54	0.253	1.554	6.136	2060.	33.	5.	762.3	31.1	1
782	0	412	37.7117	88.5646	-412.2	QAL	7.48	4.49	1.48	0.600	3.028	5.043	2042.	50.	6.	763.3	31.0	1
783	0	388	37.7117	88.5653	-414.0	QAL	9.55	3.59	1.68	0.375	2.129	5.672	2070.	29.	4.	762.8	31.0	1
784	0	388	37.7118	88.5660	-415.7	QAL	9.26	6.86	1.45	0.741	4.739	6.399	2188.	54.	0.	762.3	31.0	1
785	0	388	37.7119	88.5667	-417.5	QAL	8.81	4.74	1.72	0.537	2.753	5.124	2221.	64.	0.	762.3	31.1	1
786	0	392	37.7119	88.5674	-419.5	QAL	11.42	4.03	1.75	0.353	2.302	6.515	2274.	49.	0.	762.8	31.1	1
787	0	408	37.7119	88.5681	-421.7	QAL	10.24	3.09	1.70	0.301	1.816	6.029	2219.	39.	0.	762.8	31.2	1
788	0	400	37.7120	88.5688	-422.5	QAL	8.52	3.67	1.31	0.430	2.796	6.498	2030.	42.	1.	761.8	31.2	1
789	0	408	37.7120	88.5695	-424.2	QAL	9.86	2.35	1.72	0.238	1.360	5.716	1861.	46.	0.	762.3	31.2	1
790	0	412	37.7121	88.5702	-425.5	QAL	7.81	2.72	1.35	0.349	2.015	5.780	1683.	38.	0.	763.3	31.2	1
791	0	416	37.7121	88.5710	-425.5	PPCA-1	6.96	4.37	1.39	0.628	3.146	5.013	1821.	39.	3.	761.8	31.2	1
792	0	416	37.7121	88.5717	-428.0	PPCA-1	9.77	4.55	1.39	0.466	3.274	7.028	1833.	40.	3.	761.2	31.2	1
793	0	416	37.7122	88.5724	-430.0	PPCA-1	7.28	3.03	1.51	0.417	2.004	4.811	1886.	42.	7.	762.3	31.2	1
794	0	408	37.7122	88.5731	-432.0	PPCA-1	9.70	4.35	1.76	0.448	2.473	5.517	2160.	36.	8.	762.3	31.2	1
795	0	400	37.7122	88.5739	-433.7	PPCA-2	9.20	3.49	1.94	0.379	1.796	4.734	2298.	38.	14.	761.2	31.2	1

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*	TAGS			* LOCATION		*		REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
796	0	388	37.7123	88.5746	-435.5	PPCA-2	12.42	3.64	1.80	0.293	2.015	6.886	2344.	44.	12.	762.3	31.2	1
797	0	384	37.7123	88.5752	-436.5	PPCA-2	8.43	4.53	1.92	0.537	2.362	4.396	2394.	38.	13.	762.3	31.2	1
798	0	380	37.7124	88.5760	-437.7	PPCA-2	11.55	3.22	1.95	0.279	1.650	5.915	2431.	46.	14.	762.3	31.2	1
799	0	376	37.7124	88.5767	-438.5	PPCA-2	10.58	3.48	1.83	0.329	1.902	5.785	2437.	52.	11.	762.3	31.2	1
800	0	372	37.7124	88.5774	-440.2	PPCA-2	9.97	3.79	2.03	0.380	1.870	4.917	2351.	39.	7.	762.3	31.2	1
801	0	372	37.7125	83.5781	-440.5	PPCA-2	11.71	3.08	1.91	0.263	1.614	6.147	2408.	40.	7.	761.8	31.3	1
802	0	376	37.7125	88.5788	-441.5	PPCA-2	10.69	3.06	2.20	0.286	1.395	4.868	2441.	40.	6.	762.3	31.4	1
803	0	380	37.7125	88.5796	-443.0	PPCA-2	9.27	4.37	1.88	0.472	2.326	4.931	2401.	43.	3.	762.8	31.3	1
804	0	396	37.7126	88.5803	-444.5	PPCA-2	10.36	2.91	2.16	0.281	1.349	4.808	2469.	43.	4.	762.3	31.3	1
805	0	388	37.7126	88.5810	-446.0	PPCA-2	10.12	4.97	1.57	0.491	3.165	6.441	2325.	35.	0.	762.3	31.3	1
806	0	384	37.7127	88.5817	-446.7	PPCA-2	10.94	4.96	1.89	0.454	2.628	5.789	2342.	51.	2.	762.3	31.3	1
807	0	384	37.7127	88.5825	-447.7	PPCA-2	11.51	4.24	1.89	0.368	2.249	6.105	2315.	42.	0.	761.8	31.3	1
808	0	384	37.7127	88.5831	-449.5	PPCA-2	11.08	3.45	2.20	0.312	1.570	5.038	2430.	44.	2.	761.8	31.2	1
809	0	380	37.7128	88.5838	-450.0	PPCA-2	9.62	4.94	1.83	0.514	2.707	5.264	2446.	46.	6.	762.3	31.2	1
810	0	376	37.7128	88.5846	-449.7	PPCA-2	12.09	3.90	1.87	0.323	2.083	6.453	2426.	36.	4.	762.8	31.2	1
811	0	364	37.7128	88.5853	-451.7	PPCA-2	7.13	4.51	2.29	0.632	1.973	3.119	2495.	40.	8.	762.3	31.2	1
812	0	352	37.7129	88.5860	-452.0	PPCA-2	9.94	6.78	1.86	0.682	3.649	5.347	2518.	50.	6.	762.8	31.2	1
813	0	344	37.7129	88.5867	-451.0	PPCA-2	13.07	2.96	2.12	0.227	1.396	6.162	2478.	36.	5.	762.3	31.2	1
814	0	340	37.7130	88.5875	-452.5	PPCA-2	8.09	5.41	2.32	0.668	2.333	3.492	2577.	56.	8.	761.8	31.3	1
815	0	344	37.7130	88.5882	-456.0	PPCA-2	10.98	4.45	2.27	0.405	1.961	4.838	2511.	49.	3.	762.3	31.3	1
816	0	352	37.7130	88.5889	-457.2	PPCA-2	10.24	7.12	1.69	0.695	4.216	6.064	2523.	39.	0.	762.8	31.2	1
817	0	364	37.7131	88.5896	-458.5	PPCA-2	7.46	5.69	1.86	0.764	3.058	4.004	2344.	45.	4.	762.8	31.2	1
818	0	392	37.7131	88.5903	-459.7	PPCA-2	12.28	7.20	1.95	0.587	3.699	6.304	2545.	45.	0.	761.8	31.2	1
819	10	376	37.7131	88.5910	-461.0	PPCA-2	13.84	1.03	1.98	0.0	0.0	6.978	2457.	35.	1.	762.3	31.3	1
820	0	360	37.7132	88.5917	-461.7	PPCA-2	9.52	4.62	1.92	0.485	2.399	4.948	2287.	35.	4.	763.3	31.2	1
821	0	368	37.7132	88.5924	-462.0	PPCA-2	8.51	3.52	2.45	0.414	1.436	3.472	2424.	52.	0.	762.8	31.2	1
822	0	380	37.7132	88.5932	-464.0	PPCA-2	11.35	5.21	1.98	0.459	2.631	5.738	2582.	39.	4.	762.8	31.4	1
823	0	384	37.7133	88.5939	-464.2	PPCA-2	9.82	3.79	1.85	0.386	2.050	5.318	2397.	49.	8.	762.8	31.5	1
824	0	392	37.7133	88.5946	-463.5	PPCA-2	9.04	3.28	2.31	0.363	1.418	3.907	2595.	40.	12.	762.8	31.4	1
825	0	392	37.7134	88.5953	-465.0	PPCA-2	10.46	3.27	2.17	0.313	1.509	4.825	2500.	35.	10.	762.3	31.3	1
826	0	388	37.7134	88.5961	-465.7	PPCA-2	10.75	5.68	1.57	0.529	3.630	6.865	2481.	36.	9.	762.3	31.3	1
827	0	388	37.7134	88.5967	-466.5	PPCA-2	11.08	5.02	1.80	0.453	2.786	6.155	2482.	38.	7.	761.8	31.4	1
828	0	392	37.7135	88.5975	-468.7	PPCA-2	11.60	3.80	2.11	0.328	1.799	5.486	2450.	40.	10.	761.8	31.6	1
829	0	384	37.7135	88.5982	-469.0	PPCA-2	9.60	3.77	1.96	0.392	1.922	4.901	2359.	42.	8.	763.3	31.6	1
830	0	384	37.7136	88.5989	-469.0	PPCA-2	9.49	5.50	2.20	0.580	2.500	4.312	2413.	46.	7.	762.8	31.5	1
831	0	380	37.7136	88.5996	-470.0	PPCA-2	11.73	4.44	2.11	0.378	2.104	5.565	2516.	35.	6.	762.3	31.4	1
832	0	368	37.7136	88.6003	-470.5	PPCA-2	9.03	5.59	2.15	0.619	2.601	4.201	2431.	33.	3.	762.3	31.5	1
833	0	360	37.7137	88.6010	-472.5	PPCA-2	11.02	3.75	2.13	0.340	1.760	5.172	2510.	33.	7.	762.8	31.4	1
834	0	364	37.7137	88.6018	-473.5	PPCA-2	10.17	4.69	1.89	0.461	2.484	5.387	2505.	50.	4.	763.3	31.3	1
835	0	372	37.7137	88.6025	-474.5	PPCA-2	9.66	2.64	2.19	0.273	1.207	4.417	2429.	41.	7.	761.8	31.2	1
836	0	388	37.7138	88.6032	-474.7	PPCA-2	10.52	3.66	1.94	0.347	1.885	5.427	2457.	46.	9.	761.2	31.2	1
837	0	384	37.7138	88.6039	-474.0	PPCA-2	7.19	6.26	1.61	0.870	3.881	4.459	2300.	42.	8.	762.3	31.2	1
838	0	380	37.7139	88.6047	-475.2	PPCA-2	9.60	3.02	1.74	0.314	1.734	5.524	2231.	45.	9.	762.8	31.2	1
839	0	388	37.7139	88.6054	-478.7	PPCA-2	9.14	4.26	1.71	0.466	2.482	5.330	2202.	45.	6.	762.3	31.2	1
840	0	388	37.7139	88.6061	-478.7	PPCA-1	11.60	3.12	1.38	0.269	2.262	8.425	2202.	44.	10.	761.8	31.2	1
841	0	372	37.7140	88.6068	-481.0	PPCA-2	10.24	3.98	1.83	0.388	2.172	5.596	2197.	35.	10.	762.3	31.2	1
842	0	392	37.7140	88.6075	-480.2	PPCA-2	8.31	4.46	1.86	0.537	2.394	4.461	2168.	47.	8.	761.8	31.2	1
843	0	424	37.7141	88.6082	-480.5	PPCA-2	10.18	5.45	1.71	0.535	3.192	5.963	2351.	47.	9.	761.8	31.2	1
844	0	404	37.7141	88.6089	-482.5	PPCA-2	10.19	2.83	1.83	0.277	1.541	5.553	2311.	45.	6.	762.8	31.2	1
845	0	412	37.7141	88.6096	-483.2	PPCA-2	7.88	3.29	1.90	0.417	1.729	4.143	2207.	43.	7.	762.3	31.3	1
846	0	412	37.7142	88.6104	-482.7	PPCA-1	9.76	5.09	1.75	0.522	2.909	5.574	2268.	45.	6.	761.8	31.3	1
847	0	416	37.7142	88.6111	-482.5	PPCA-1	11.30	4.30	1.55	0.380	2.767	7.277	2288.	45.	2.	762.3	31.2	1
848	0	420	37.7142	88.6118	-484.0	PPCA-1	8.95	5.15	1.78	0.576	2.889	5.017	2246.	41.	5.	761.2	31.2	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
849	0	412	37.7143	88.6125	-484.7	PPCA-1	8.11	4.24	1.52	0.523	2.784	5.326	2112.	25.	4.	762.8	31.2	1
850	0	404	37.7143	88.6133	-485.0	PPCA-1	8.06	3.94	1.36	0.488	2.904	5.948	1905.	39.	4.	762.8	31.2	1
851	0	428	37.7144	88.6140	-484.2	PPCA-1	8.68	3.61	1.52	0.416	2.379	5.716	1876.	39.	2.	761.2	31.2	1
852	0	424	37.7144	88.6147	-485.7	PPCA-1	7.59	3.42	1.43	0.450	2.383	5.292	1831.	43.	4.	762.3	31.2	1
853	0	400	37.7144	88.6153	-486.5	PPCA-1	7.63	1.83	1.32	0.240	1.382	5.769	1773.	38.	6.	762.3	31.2	1
854	0	420	37.7145	88.6160	-485.5	QAL	7.91	4.61	1.36	0.583	3.383	5.805	1903.	40.	4.	761.8	31.1	1
855	0	436	37.7145	88.6168	-485.5	QAL	8.04	3.69	1.26	0.459	2.938	6.403	1824.	28.	9.	762.3	31.1	1
856	0	440	37.7145	88.6175	-486.2	QAL	7.74	2.56	1.05	0.331	2.447	7.386	1636.	38.	8.	762.3	31.1	1
857	0	440	37.7146	88.6182	-486.7	QAL	7.33	3.54	0.87	0.484	4.085	8.443	1635.	28.	6.	763.8	31.2	1
858	0	444	37.7146	88.6189	-484.0	QAL	4.96	2.92	1.05	0.590	2.791	4.735	1525.	46.	6.	762.3	31.2	1
859	0	444	37.7147	88.6197	-480.0	PPCA-1	7.68	2.45	0.97	0.318	2.524	7.927	1451.	43.	4.	761.8	31.2	1
860	0	440	37.7147	88.6204	-477.7	PPCA-1	7.67	2.22	0.96	0.289	2.305	7.969	1539.	39.	2.	762.8	31.1	1
861	0	440	37.7147	88.6211	-477.0	PPCA-1	6.59	2.30	1.12	0.350	2.059	5.885	1505.	35.	5.	762.3	31.1	1
862	0	440	37.7148	88.6218	-479.0	PPCA-1	8.82	2.21	1.29	0.251	1.721	6.861	1582.	33.	1.	762.8	31.1	1
863	0	440	37.7148	88.6225	-481.2	PPCA-1	8.11	2.33	1.29	0.287	1.800	6.269	1642.	46.	5.	762.3	31.1	1
864	0	436	37.7148	88.6233	-484.0	PPCA-1	10.56	3.36	1.16	0.318	2.895	9.093	1784.	41.	1.	761.2	31.1	1
865	0	424	37.7149	88.6240	-484.7	PPCA-1	7.66	3.22	1.69	0.421	1.906	4.529	1784.	46.	1.	762.3	31.2	1
866	0	432	37.7149	88.6247	-486.5	PPCA-1	8.94	3.03	1.24	0.340	2.439	7.184	1908.	34.	5.	761.8	31.2	1
867	0	412	37.7150	88.6254	-487.7	PPCA-1	6.12	5.03	1.01	0.822	4.986	6.068	1818.	47.	6.	761.2	31.3	1
868	0	412	37.7150	88.6261	-486.5	PPCA-1	7.41	5.12	1.37	0.691	3.740	5.411	1915.	48.	3.	762.3	31.4	1
869	0	432	37.7150	88.6268	-486.7	PPCA-1	9.10	4.11	1.58	0.452	2.610	5.777	2048.	31.	7.	761.2	31.4	1
870	0	436	37.7151	88.6276	-486.7	PPCA-1	10.74	3.06	1.48	0.285	2.065	7.253	2015.	38.	4.	762.3	31.3	1
871	0	428	37.7151	88.6283	-485.7	PPCA-1	8.82	5.31	1.64	0.602	3.238	5.382	2081.	49.	4.	762.8	31.3	1
872	0	420	37.7151	88.6290	-486.7	PPCA-2	10.00	3.35	1.47	0.335	2.279	6.803	2053.	35.	5.	761.2	31.3	1
873	0	436	37.7152	88.6297	-487.7	PPCA-1	10.48	1.82	1.72	0.174	1.058	6.086	2000.	45.	5.	762.3	31.3	1
874	0	436	37.7152	88.6305	-485.7	QAL	7.67	4.84	1.37	0.631	3.542	5.616	1925.	30.	6.	761.8	31.3	1
875	0	448	37.7153	88.6312	-485.0	QAL	9.78	2.38	1.09	0.244	2.185	8.963	1757.	30.	6.	760.7	31.4	1
876	0	452	37.7153	88.6318	-486.2	QAL	6.86	3.79	1.01	0.553	3.759	6.801	1721.	43.	8.	762.8	31.4	1
877	0	456	37.7153	88.6326	-485.5	QAL	7.35	4.16	1.17	0.566	3.562	6.289	1645.	40.	7.	761.8	31.4	1
878	0	456	37.7154	88.6332	-486.0	QAL	6.34	3.45	1.23	0.544	2.803	5.149	1647.	29.	6.	761.2	31.4	1
879	0	452	37.7154	88.6340	-486.2	QAL	6.06	2.94	0.96	0.485	3.058	6.312	1452.	29.	2.	762.3	31.4	1
880	0	452	37.7154	88.6347	-488.0	QAL	7.08	4.96	1.08	0.701	4.594	6.556	1591.	40.	2.	761.2	31.3	1
881	0	452	37.7155	88.6354	-486.2	QAL	6.07	1.89	0.95	0.311	1.992	6.411	1509.	46.	8.	761.8	31.4	1
882	0	448	37.7155	88.6362	-486.5	QAL	6.30	3.53	0.96	0.560	3.663	6.537	1547.	40.	8.	761.2	31.3	1
883	0	432	37.7156	88.6369	-485.2	QAL	7.32	2.99	1.03	0.409	2.904	7.097	1519.	43.	6.	759.7	31.3	1
884	0	376	37.7156	88.6376	-485.0	QAL	5.30	4.67	0.75	0.880	6.220	7.067	1412.	43.	2.	762.3	31.3	1
885	0	364	37.7156	88.6383	-485.2	PPCA-1	3.58	4.15	0.90	1.158	4.620	3.990	1482.	37.	5.	762.3	31.3	1
886	0	372	37.7157	88.6391	-487.0	PPCA-1	6.70	4.34	1.08	0.647	4.012	6.199	1671.	39.	1.	760.7	31.3	1
887	0	376	37.7157	88.6397	-484.5	PPCA-1	8.77	3.27	0.92	0.374	3.578	9.579	1612.	36.	2.	762.3	31.4	1
888	0	372	37.7157	88.6404	-484.0	PPCA-1	6.63	2.67	1.19	0.402	2.232	5.552	1716.	40.	2.	760.7	31.4	1
889	0	388	37.7158	88.6411	-483.7	PPCA-1	7.45	4.42	1.05	0.593	4.211	7.102	1826.	52.	1.	760.7	31.4	1
890	0	368	37.7158	88.6419	-481.2	PPCA-1	7.72	3.31	1.14	0.429	2.907	6.782	1768.	40.	2.	762.3	31.4	1
891	0	364	37.7159	88.6426	-479.5	PPCA-1	6.96	3.81	0.93	0.547	4.086	7.470	1654.	35.	1.	761.2	31.4	1
892	0	368	37.7159	88.6433	-479.7	PPCA-1	6.77	3.59	1.09	0.530	3.290	6.211	1650.	40.	4.	762.3	31.4	1
893	0	360	37.7159	88.6440	-478.5	PPCA-1	6.67	3.26	1.43	0.488	2.271	4.651	1659.	47.	2.	762.8	31.4	1
894	0	348	37.7160	88.6447	-476.7	PPCA-1	7.13	3.93	1.10	0.551	3.579	6.492	1696.	50.	2.	760.7	31.4	1
895	0	344	37.7160	88.6455	-475.2	PPCA-1	6.78	4.10	1.01	0.604	4.063	6.726	1732.	43.	5.	762.8	31.4	1
896	0	352	37.7160	88.6462	-476.0	PPCA-1	6.64	2.24	1.29	0.338	1.734	5.135	1764.	44.	8.	762.8	31.3	1
897	0	376	37.7161	88.6469	-476.5	PPCA-1	8.60	3.94	1.16	0.458	3.410	7.442	1811.	51.	2.	760.7	31.3	1
898	0	388	37.7161	88.6476	-477.7	PPCA-1	9.01	2.94	1.37	0.326	2.139	6.558	1887.	41.	3.	762.8	31.3	1
899	0	356	37.7162	88.6483	-476.7	PPCA-1	6.97	3.90	1.22	0.559	3.150	5.711	1895.	43.	9.	761.8	31.3	1
900	0	356	37.7162	88.6490	-475.0	PPCA-1	7.09	2.66	1.29	0.375	2.061	5.491	1799.	38.	7.	761.2	31.3	1
901	0	340	37.7162	88.6498	-473.7	PPCA-1	9.62	2.57	1.17	0.267	2.191	8.202	1781.	30.	7.	763.8	31.4	1

* TAGS			* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
902	0	336	37.7163	88.6505	-472.5	PPCA-1	7.25	3.30	1.35	0.455	2.453	5.390	1791.	39.	8.	762.3	31.4	1
903	0	336	37.7163	88.6512	-471.7	PPCA-1	7.79	4.53	1.31	0.581	3.463	5.961	1762.	46.	4.	761.8	31.5	1
904	0	348	37.7164	88.6519	-471.5	PPCA-1	8.03	4.01	1.42	0.499	2.819	5.645	1790.	40.	7.	763.3	31.5	1
905	0	376	37.7164	88.6527	-469.7	PPCA-1	6.30	4.43	1.20	0.704	3.692	5.247	1786.	42.	5.	761.2	31.5	1
906	0	376	37.7164	88.6534	-468.0	PPCA-1	7.27	2.09	1.43	0.287	1.460	5.081	1777.	39.	8.	761.2	31.4	1
907	0	348	37.7165	88.6541	-468.0	PPCA-1	6.47	3.27	1.26	0.506	2.592	5.125	1791.	38.	9.	763.3	31.4	1
908	0	348	37.7165	88.6548	-467.7	PPCA-1	8.54	2.34	1.36	0.274	1.720	6.269	1828.	30.	8.	760.7	31.4	1
909	0	360	37.7165	88.6555	-464.5	PPCA-1	8.07	4.35	1.28	0.539	3.406	6.321	1945.	33.	5.	760.7	31.4	1
910	0	356	37.7166	88.6562	-465.0	PPCA-1	11.09	2.68	1.33	0.241	2.015	8.344	1957.	43.	7.	762.8	31.4	1
911	0	380	37.7166	88.6569	-462.7	PPCA-1	7.48	4.91	1.49	0.657	3.294	5.016	2022.	42.	7.	761.8	31.5	1
912	0	408	37.7166	88.6576	-459.7	PPCA-1	7.47	4.57	1.47	0.612	3.120	5.096	2030.	46.	7.	761.8	31.5	1
913	0	416	37.7167	88.6583	-460.5	PPCA-1	8.80	3.21	1.60	0.364	2.003	5.498	2027.	36.	5.	762.8	31.5	1
914	0	400	37.7167	88.6590	-461.2	PPCA-1	8.94	3.01	1.31	0.337	2.291	6.806	1766.	40.	4.	761.2	31.6	1
915	0	392	37.7168	88.6597	-459.7	PPCA-1	7.23	2.90	1.21	0.401	2.392	5.968	1740.	44.	7.	761.2	31.7	1
916	0	404	37.7168	88.6605	-459.5	PPCA-1	8.08	3.07	1.27	0.379	2.415	6.368	1747.	38.	5.	763.3	31.8	1
917	0	396	37.7168	88.6612	-457.7	PPCA-1	7.76	4.13	1.08	0.532	3.826	7.197	1881.	45.	3.	762.8	31.8	1
918	0	392	37.7169	88.6619	-455.7	PPCA-1	8.94	2.80	1.65	0.313	1.692	5.409	1991.	45.	2.	762.8	31.8	1
919	0	380	37.7169	88.6627	-455.2	PPCA-1	8.16	4.35	1.32	0.533	3.294	6.178	1910.	42.	2.	763.3	31.8	1
920	0	392	37.7169	88.6634	-454.2	PPCA-1	9.21	2.47	1.57	0.268	1.570	5.863	1890.	35.	2.	760.7	31.7	1
921	0	404	37.7170	88.6640	-450.2	PPCA-1	10.76	3.00	1.20	0.279	2.496	8.942	1839.	40.	0.	760.7	31.7	1
922	0	416	37.7170	88.6648	-446.7	PPCA-1	7.27	4.03	0.79	0.554	5.072	9.152	1602.	34.	6.	762.3	31.8	1
923	0	416	37.7171	88.6655	-445.0	PPCA-1	6.84	3.32	1.22	0.486	2.715	5.590	1527.	42.	3.	761.2	31.8	1
924	0	376	37.7171	88.6662	-445.2	PPCA-1	6.44	3.43	0.97	0.534	3.557	6.666	1535.	43.	2.	761.8	31.8	1
925	0	364	37.7171	88.6669	-446.5	PPCA-1	7.46	3.95	0.97	0.529	4.079	7.712	1557.	40.	5.	762.8	31.8	1
926	0	388	37.7172	88.6677	-445.0	PPCA-1	6.71	3.67	1.11	0.548	3.316	6.050	1699.	33.	8.	760.7	31.7	1
927	0	396	37.7172	88.6684	-443.2	PPCA-1	4.63	3.94	0.97	0.851	4.071	4.786	1676.	51.	12.	761.8	31.7	1
928	0	392	37.7172	88.6691	-442.5	PPCA-1	6.05	4.38	1.39	0.724	3.137	4.335	1864.	48.	10.	762.8	31.8	1
929	0	384	37.7173	88.6698	-440.2	PPCA-1	8.58	3.19	1.11	0.372	2.882	7.749	1890.	43.	11.	761.8	31.7	1
930	0	384	37.7173	88.6706	-440.0	PPCA-1	5.82	4.19	1.43	0.720	2.923	4.062	1993.	37.	14.	761.8	31.8	1
931	0	356	37.7174	88.6713	-437.7	PPCA-1	6.62	3.26	1.25	0.492	2.613	5.313	1781.	42.	14.	761.8	31.8	1
932	0	352	37.7174	88.6719	-435.5	PPCA-1	6.29	3.01	1.16	0.479	2.589	5.410	1775.	41.	14.	760.7	31.9	1
933	10	352	37.7174	88.6727	-433.5	PPCA-1	6.76	1.20	1.34	0.0	0.0	5.056	1834.	38.	15.	761.8	31.8	1
934	0	368	37.7175	88.6734	-433.0	PPCA-1	8.37	1.80	1.32	0.215	1.366	6.362	1849.	39.	16.	762.8	31.8	1
935	0	364	37.7175	88.6741	-432.5	PPCA-1	7.91	3.54	1.14	0.447	3.103	6.937	1764.	36.	13.	761.2	31.7	1
936	10	356	37.7175	88.6749	-431.0	PPCA-1	7.59	1.29	1.22	0.0	0.0	6.202	1595.	41.	15.	761.2	31.6	1
937	0	368	37.7176	88.6756	-427.2	PPCA-1	5.74	2.04	1.11	0.356	1.847	5.187	1609.	47.	14.	762.3	31.6	1
938	0	372	37.7176	88.6763	-427.2	PPCA-1	6.08	2.92	1.07	0.480	2.723	5.674	1559.	47.	9.	761.2	31.6	1
939	0	368	37.7177	88.6770	-426.0	PPCA-1	6.47	2.23	1.31	0.345	1.707	4.945	1479.	34.	7.	762.3	31.5	1
940	0	376	37.7177	88.6777	-423.5	PPCA-1	5.52	2.54	1.20	0.461	2.119	4.601	1441.	49.	5.	762.3	31.5	1
941	0	408	37.7177	88.6784	-422.0	PPCA-1	3.82	4.33	0.83	1.134	5.242	4.622	1418.	47.	2.	761.2	31.4	1
942	0	416	37.7178	88.6792	-416.2	PPCA-1	5.64	2.55	0.84	0.452	3.031	6.707	1265.	38.	3.	762.3	31.4	1
943	10	416	37.7178	88.6798	-414.5	PPCA-1	7.70	1.14	0.90	0.0	0.0	8.552	1218.	43.	1.	763.3	31.4	1
944	0	416	37.7178	88.6805	-416.5	PPCA-1	4.41	3.76	0.85	0.852	4.401	5.166	1221.	44.	0.	762.3	31.4	1
945	0	416	37.7178	88.6812	-417.7	PPCA-1	3.54	4.53	0.68	1.281	6.620	5.168	1263.	49.	0.	762.3	31.4	1
946	0	416	37.7178	88.6819	-416.7	PPCA-1	6.37	3.78	0.83	0.593	4.560	7.694	1446.	35.	1.	763.3	31.5	1
947	0	416	37.7178	88.6826	-414.7	PPCA-1	6.74	4.66	0.90	0.692	5.191	7.505	1424.	34.	1.	762.3	31.5	1
948	0	416	37.7178	88.6833	-409.7	PPCA-1	5.37	4.61	0.85	0.858	5.407	6.304	1544.	41.	1.	761.2	31.5	1
949	0	412	37.7178	88.6840	-405.7	PPCA-1	6.18	4.49	0.86	0.727	5.208	7.164	1513.	37.	3.	763.3	31.5	1
950	0	380	37.7178	88.6847	-404.5	PPCA-1	7.77	3.67	0.68	0.472	5.416	11.474	1524.	41.	5.	762.3	31.5	1
951	0	372	37.7178	88.6854	-403.2	PPCA-1	7.61	4.06	0.90	0.533	4.508	8.452	1535.	42.	5.	761.8	31.4	1
952	0	364	37.7178	88.6861	-402.7	PPCA-1	6.57	3.10	0.98	0.472	3.166	6.710	1606.	40.	7.	763.8	31.4	1
953	0	380	37.7178	88.6868	-400.0	PPCA-1	9.02	2.10	1.44	0.233	1.461	6.276	1730.	41.	10.	762.8	31.4	1
954	0	372	37.7178	88.6875	-398.7	PPCA-1	11.93	2.40	1.37	0.202	1.751	8.690	1944.	33.	7.	761.8	31.4	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
955	0	372	37.7178	88.6882	-398.7	PPCA-1	7.66	2.90	1.32	0.378	2.203	5.826	1964.	28.	9.	763.3	31.4	1
956	0	376	37.7178	88.6889	-396.0	PPCA-1	5.39	4.24	1.58	0.786	2.679	3.407	1982.	40.	9.	761.8	31.4	1
957	0	368	37.7178	88.6895	-391.7	PPCA-1	11.75	3.45	1.31	0.294	2.642	8.986	2075.	50.	6.	760.7	31.4	1
958	0	352	37.7178	88.6903	-389.7	PPCA-1	10.31	4.40	1.29	0.427	3.403	7.962	2040.	45.	7.	762.8	31.5	1
959	0	340	37.7178	88.6909	-389.2	PPCA-1	7.96	3.04	1.84	0.382	1.655	4.337	2012.	46.	8.	762.3	31.5	1
960	0	368	37.7178	88.6917	-389.7	PPCA-1	7.14	2.68	1.83	0.375	1.464	3.900	2034.	51.	10.	761.2	31.5	1
961	0	352	37.7178	88.6924	-387.5	PPCA-1	7.25	4.03	1.79	0.556	2.253	4.051	2065.	32.	10.	763.3	31.5	1
962	10	360	37.7178	88.6930	-385.2	PPCA-1	9.44	1.25	1.62	0.0	0.0	5.831	2004.	39.	10.	762.8	31.5	1
963	0	364	37.7178	88.6937	-384.7	PPCA-1	9.14	3.66	1.37	0.401	2.671	6.668	2029.	38.	11.	760.7	31.5	1
964	0	376	37.7178	88.6944	-383.7	PPCA-1	10.30	2.51	1.58	0.244	1.588	6.504	2017.	44.	9.	761.8	31.5	1
965	0	388	37.7178	88.6951	-383.0	PPCA-1	7.65	3.74	1.68	0.489	2.223	4.542	1982.	58.	7.	762.8	31.5	1
966	0	392	37.7178	88.6958	-383.5	PPCA-1	8.01	4.11	1.08	0.514	3.812	7.419	1796.	34.	4.	760.7	31.4	1
967	0	396	37.7178	88.6965	-381.2	PPCA-1	7.64	3.32	1.29	0.435	2.583	5.942	1650.	34.	6.	761.8	31.4	1
968	0	392	37.7178	88.6972	-379.0	PPCA-1	7.00	2.06	1.11	0.294	1.849	6.294	1456.	38.	6.	762.8	31.3	1
969	0	396	37.7178	88.6979	-379.0	PPCA-1	6.10	3.22	0.89	0.528	3.624	6.866	1325.	34.	4.	761.8	31.3	1
970	0	396	37.7178	88.6986	-379.2	PPCA-1	6.53	3.00	0.88	0.459	3.404	7.414	1356.	35.	2.	761.8	31.2	1
971	0	380	37.7178	88.6993	-379.5	PPCA-1	6.13	4.35	0.80	0.709	5.418	7.645	1489.	31.	0.	762.8	31.3	1
972	0	332	37.7178	88.7000	-377.5	PPCA-1	7.00	2.68	1.08	0.382	2.468	6.458	1518.	40.	3.	762.8	31.3	1
973	0	372	37.7178	88.7007	-375.5	PPCA-1	7.30	4.51	1.08	0.617	4.153	6.731	1543.	45.	0.	761.8	31.3	1
974	0	380	37.7178	88.7014	-374.2	PPCA-1	8.15	2.76	1.41	0.339	1.965	5.792	1713.	32.	2.	762.8	31.4	1
975	0	368	37.7178	88.7020	-373.2	PPCA-1	8.94	3.60	1.50	0.403	2.402	5.958	1872.	47.	0.	762.8	31.4	1
976	0	372	37.7178	88.7027	-372.2	PPCA-1	5.01	6.41	1.22	1.280	5.241	4.096	1994.	40.	0.	760.7	31.4	1
977	0	372	37.7178	88.7034	-372.7	PPCA-1	8.19	4.52	1.53	0.552	2.945	5.338	1925.	31.	0.	761.8	31.4	1
978	0	356	37.7178	88.7042	-371.2	PPCA-1	7.68	3.41	1.38	0.444	2.467	5.552	1721.	45.	2.	763.8	31.3	1
979	0	356	37.7178	88.7049	-371.0	PPCA-1	7.00	3.94	1.04	0.563	3.775	6.709	1661.	32.	2.	762.8	31.4	1
980	0	372	37.7178	88.7056	-371.5	PPCA-1	9.17	2.76	0.97	0.301	2.858	9.502	1615.	32.	4.	760.7	31.4	1
981	0	344	37.7178	88.7063	-371.0	PPCA-1	5.41	3.58	0.94	0.662	3.800	5.742	1648.	45.	9.	762.8	31.4	1
982	0	328	37.7178	88.7070	-370.5	PPCA-1	7.19	3.74	1.18	0.520	3.158	6.079	1784.	40.	6.	762.8	31.4	1
983	0	308	37.7178	88.7076	-369.2	PPCA-1	8.31	2.78	1.24	0.334	2.248	6.726	1767.	35.	10.	760.7	31.4	1
984	0	324	37.7178	88.7083	-369.0	PPCA-1	8.99	2.75	1.28	0.306	2.154	7.042	1853.	38.	11.	760.7	31.4	1
985	0	332	37.7178	88.7090	-369.5	PPCA-1	8.83	4.79	1.19	0.543	4.021	7.408	1859.	43.	10.	762.8	31.4	1
986	0	316	37.7178	88.7097	-370.5	PPCA-1	8.10	4.43	1.20	0.547	3.681	6.730	1886.	40.	10.	762.8	31.4	1
987	0	328	37.7178	88.7105	-369.7	PPCA-1	6.85	3.22	1.30	0.470	2.470	5.250	1783.	39.	9.	760.7	31.4	1
988	0	328	37.7178	88.7111	-370.0	PPCA-1	7.98	2.28	1.12	0.286	2.042	7.137	1686.	43.	9.	760.7	31.4	1
989	0	336	37.7178	88.7118	-370.5	PPCA-1	6.17	3.23	1.00	0.523	3.229	6.171	1557.	39.	7.	762.3	31.4	1
990	0	316	37.7178	88.7125	-368.2	PPCA-1	7.62	1.82	1.06	0.239	1.726	7.223	1473.	37.	7.	763.3	31.4	1
991	0	296	37.7178	88.7132	-370.0	PPCA-1	5.07	3.30	1.04	0.650	3.184	4.896	1364.	44.	3.	762.3	31.4	1
992	0	312	37.7178	88.7139	-371.5	PPCA-1	6.20	2.17	0.91	0.350	2.383	6.811	1280.	33.	5.	761.2	31.3	1
993	0	312	37.7178	88.7146	-372.2	PPCA-1	5.32	1.93	0.98	0.363	1.976	5.443	1309.	37.	4.	762.3	31.4	1
994	0	320	37.7178	88.7153	-373.0	PPCA-1	6.01	2.01	0.93	0.334	2.152	6.448	1412.	44.	5.	762.8	31.3	1
995	0	320	37.7178	88.7160	-371.7	PPCA-1	6.16	2.36	1.05	0.383	2.244	5.854	1501.	29.	7.	761.8	31.3	1
996	0	280	37.7178	88.7166	-372.5	PPCA-1	6.85	3.39	1.13	0.496	2.994	6.037	1564.	44.	4.	760.7	31.3	1
997	0	276	37.7179	88.7174	-373.2	PPCA-1	5.61	1.79	1.06	0.319	1.685	5.291	1472.	56.	8.	761.8	31.3	1
998	10	332	37.7179	88.7180	-373.7	PPCA-1	6.05	0.99	1.28	0.0	0.0	4.734	1602.	31.	13.	763.8	31.4	1
999	0	336	37.7178	88.7188	-372.2	PPCA-1	6.87	3.07	1.05	0.446	2.921	6.545	1617.	39.	9.	762.8	31.4	1
1000	0	296	37.7178	88.7195	-372.7	PPCA-1	5.33	1.39	1.05	0.262	1.327	5.070	1497.	39.	10.	761.2	31.3	1
1001	0	308	37.7178	88.7201	-373.7	PPCA-1	6.63	2.86	1.11	0.431	2.582	5.984	1568.	41.	7.	762.3	31.3	1
1002	0	312	37.7179	88.7209	-376.5	PPCA-1	6.12	4.14	0.76	0.677	5.482	8.104	1559.	39.	4.	763.3	31.2	1
1003	0	304	37.7179	88.7215	-376.2	PPCA-1	6.19	2.92	0.89	0.471	3.270	6.943	1395.	44.	6.	761.2	31.2	1
1004	0	320	37.7179	88.7222	-376.5	QAL	7.24	3.10	0.91	0.428	3.416	7.982	1424.	30.	3.	760.7	31.2	1
1005	0	332	37.7179	88.7229	-378.0	QAL	4.88	1.69	1.15	0.346	1.474	4.257	1353.	45.	8.	762.8	31.2	1
1006	0	320	37.7179	88.7236	-377.5	QAL	6.74	1.40	1.05	0.208	1.339	6.443	1318.	47.	2.	762.8	31.2	1
1007	10	356	37.7179	88.7243	-381.0	QAL	7.65	1.12	1.31	0.0	0.0	5.818	1300.	40.	4.	760.7	31.2	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1008	0	392	37.7179	88.7251	-383.2	QAL	7.11	2.08	0.90	0.293	2.314	7.909	1320.	41.	2.	760.7	31.1	1
1009	0	416	37.7179	88.7257	-383.5	QAL	5.58	2.65	0.81	0.475	3.262	6.864	1310.	27.	4.	762.8	31.1	1
1010	0	416	37.7179	88.7264	-384.5	PPCA-1	6.54	3.02	0.69	0.461	4.383	9.510	1254.	34.	2.	761.8	31.0	1
1011	0	404	37.7179	88.7271	-386.0	PPCA-1	6.11	3.27	0.85	0.535	3.826	7.156	1308.	43.	1.	759.7	31.0	1
1012	0	408	37.7179	88.7278	-386.2	PPCA-1	6.55	3.44	0.89	0.525	3.849	7.333	1437.	43.	2.	760.7	30.9	1
1013	0	428	37.7179	88.7285	-389.0	PPCA-1	4.76	3.20	0.87	0.674	3.665	5.440	1348.	42.	3.	761.8	30.9	1
1014	0	428	37.7179	88.7292	-389.0	PPCA-1	7.22	2.20	0.91	0.304	2.404	7.908	1471.	41.	6.	761.2	30.8	1
1015	0	404	37.7179	88.7299	-390.7	PPCA-1	5.43	3.51	0.89	0.646	3.950	6.114	1335.	50.	2.	760.7	30.8	1
1016	0	376	37.7179	88.7306	-392.5	PPCA-1	5.13	2.99	1.01	0.582	2.957	5.081	1300.	54.	0.	759.7	30.8	1
1017	0	416	37.7179	88.7313	-393.7	PPCA-1	7.86	2.64	0.78	0.335	3.396	10.130	1350.	27.	0.	760.7	30.9	1
1018	0	368	37.7179	88.7320	-393.7	PPCA-1	4.17	2.53	0.84	0.607	2.999	4.940	1173.	52.	2.	762.3	30.8	1
1019	0	380	37.7179	88.7326	-394.5	PPCA-1	4.64	2.28	0.88	0.491	2.587	5.270	1133.	45.	3.	761.2	30.8	1
1020	0	424	37.7179	88.7334	-395.0	PPCA-1	3.20	4.55	0.66	1.423	6.886	4.838	1168.	45.	2.	759.7	30.8	1
1021	0	440	37.7179	88.7341	-395.2	PPCA-1	5.31	2.87	0.67	0.540	4.283	7.935	1102.	52.	2.	759.7	30.9	1
1022	0	436	37.7179	88.7347	-396.7	PPCA-1	6.31	3.16	0.81	0.501	3.890	7.759	1290.	38.	5.	760.7	30.9	1
1023	0	384	37.7179	88.7354	-397.7	PPCA-1	8.01	1.53	1.04	0.191	1.468	7.685	1361.	37.	6.	762.3	30.9	1
1024	0	400	37.7179	88.7361	-401.5	PPCA-1	9.15	2.27	0.99	0.248	2.307	9.288	1490.	43.	9.	760.7	30.9	1
1025	0	436	37.7179	88.7368	-405.5	PPCA-1	5.13	2.95	1.27	0.574	2.322	4.042	1511.	44.	7.	758.7	30.9	1
1026	10	424	37.7179	88.7375	-408.5	PPCA-1	7.95	0.39	1.52	0.0	0.0	5.235	1573.	50.	10.	759.7	30.9	1
1027	0	428	37.7179	88.7382	-408.2	QAL	7.15	2.41	1.11	0.337	2.169	6.441	1524.	39.	11.	761.8	30.9	1
1028	0	412	37.7179	88.7389	-406.2	QAL	6.62	2.47	0.86	0.374	2.872	7.689	1339.	36.	10.	761.8	30.8	1
1029	0	376	37.7179	88.7397	-407.2	QAL	5.28	1.88	0.85	0.357	2.204	6.180	1273.	33.	10.	759.7	30.8	1
1030	0	396	37.7179	88.7403	-408.7	QAL	5.80	2.53	0.84	0.436	3.010	6.900	1315.	43.	6.	759.7	30.8	1
1031	10	456	37.7179	88.7410	-409.2	QAL	8.12	1.56	1.25	0.0	0.0	6.471	1450.	35.	9.	761.8	30.8	1
1032	10	460	37.7179	88.7417	-411.2	QAL	5.80	1.46	1.42	0.0	0.0	4.089	1423.	41.	8.	762.8	30.8	1
1033	0	456	37.7179	88.7424	-412.5	QAL	8.36	2.23	1.04	0.267	2.143	8.042	1418.	48.	4.	761.8	30.9	1
1034	0	456	37.7179	88.7431	-413.7	QAL	6.83	3.54	1.20	0.519	2.952	5.686	1410.	41.	0.	760.2	30.9	1
1035	10	456	37.7179	88.7437	-414.7	QAL	7.44	1.14	0.97	0.0	0.0	7.649	1389.	43.	5.	760.2	31.0	1
1036	10	448	37.7179	88.7445	-416.0	PPCA-1	8.21	1.45	1.18	0.0	0.0	6.943	1465.	37.	6.	761.2	31.0	1
1037	10	440	37.7179	88.7452	-417.0	PPCA-1	8.97	0.51	1.24	0.0	0.0	7.261	1492.	38.	3.	762.3	31.0	1
1038	0	452	37.7179	88.7459	-419.0	PPCA-1	6.79	3.10	1.03	0.457	3.000	6.568	1502.	41.	2.	760.7	31.1	1
1039	0	456	37.7179	88.7466	-420.5	PPCA-1	8.04	2.68	1.09	0.334	2.459	7.373	1549.	43.	2.	758.7	31.1	1
1040	0	452	37.7179	88.7472	-422.0	PPCA-1	7.12	4.35	0.85	0.611	5.143	8.420	1539.	35.	2.	760.2	31.1	1
1041	0	440	37.7179	88.7479	-422.2	PPCA-1	10.23	3.92	0.93	0.383	4.221	11.026	1526.	39.	4.	762.3	31.0	1
1042	0	436	37.7179	88.7487	-422.5	PPCA-1	6.58	3.48	0.83	0.528	4.199	7.955	1550.	47.	4.	761.2	31.0	1
1043	0	432	37.7179	88.7493	-422.7	PPCA-1	7.14	2.62	1.16	0.367	2.250	6.136	1670.	37.	2.	760.2	31.0	1
1044	0	420	37.7179	88.7501	-424.2	PPCA-1	8.38	2.55	1.17	0.304	2.179	7.162	1514.	42.	1.	758.7	31.0	1
1045	0	364	37.7179	88.7507	-426.7	PPCA-1	6.10	4.25	0.86	0.697	4.945	7.095	1397.	31.	0.	758.7	31.0	1
1046	0	392	37.7179	88.7514	-428.0	PPCA-1	4.66	2.28	1.20	0.488	1.895	3.879	1351.	35.	2.	761.8	31.0	1
1047	0	424	37.7179	88.7522	-429.5	PPCA-1	6.56	4.04	0.97	0.617	4.168	6.760	1547.	33.	2.	761.8	31.0	1
1048	0	424	37.7179	88.7528	-431.7	PPCA-1	7.61	3.09	1.00	0.406	3.080	7.590	1634.	32.	0.	758.7	31.0	1
1049	0	396	37.7179	88.7535	-433.2	PPCA-1	8.73	2.88	1.05	0.330	2.737	8.282	1566.	37.	1.	758.7	31.1	1
1050	0	432	37.7179	88.7542	-434.2	PPCA-1	8.66	4.65	0.92	0.537	5.081	9.465	1778.	46.	1.	758.7	31.1	1
1051	0	376	37.7179	88.7549	-436.0	PPCA-1	4.66	3.56	1.29	0.762	2.750	3.607	1641.	42.	2.	759.7	31.2	1
1052	0	372	37.7179	88.7556	-438.0	PPCA-1	7.81	3.45	1.08	0.442	3.203	7.248	1654.	40.	3.	760.7	31.2	1
1053	0	380	37.7179	88.7562	-437.7	PPCA-1	6.60	3.10	0.89	0.469	3.473	7.401	1563.	47.	6.	760.7	31.1	1
1054	0	392	37.7179	88.7570	-438.0	PPCA-1	5.08	3.22	0.95	0.633	3.371	5.326	1530.	51.	7.	759.7	31.1	1
1055	0	408	37.7179	88.7577	-440.2	PPCA-1	7.90	3.36	1.02	0.425	3.297	7.761	1607.	40.	8.	758.7	31.0	1
1056	0	396	37.7179	88.7584	-441.5	PPCA-1	7.48	3.00	1.08	0.400	2.764	6.904	1587.	37.	8.	758.7	31.0	1
1057	0	420	37.7179	88.7591	-441.0	PPCA-1	6.53	3.66	0.86	0.560	4.233	7.557	1598.	37.	2.	759.7	31.0	1
1058	0	400	37.7179	88.7597	-442.7	PPCA-1	9.01	2.92	1.16	0.324	2.522	7.778	1624.	44.	5.	761.2	31.0	1
1059	0	392	37.7179	88.7605	-443.7	PPCA-1	8.25	3.74	1.16	0.453	3.214	7.092	1731.	35.	4.	761.2	31.0	1
1060	0	404	37.7179	88.7612	-443.5	PPCA-1	7.36	5.67	1.22	0.771	4.670	6.053	1814.	34.	4.	760.2	31.0	1

CP9 1P 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG.	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1061	0	380	37.7179	88.7618	-445.7	PPCA-1	7.88	3.43	1.62	0.435	2.113	4.857	1869.	25.	4.	760.2	31.0	1
1062	0	380	37.7179	88.7625	-446.5	PPCA-1	8.09	3.86	1.55	0.478	2.496	5.227	1971.	49.	3.	759.2	30.9	1
1063	0	376	37.7179	88.7633	-448.7	PPCA-1	7.88	4.09	1.31	0.519	3.116	6.000	1908.	42.	0.	759.7	31.0	1
1064	0	368	37.7179	88.7639	-449.0	PPCA-1	8.68	3.79	1.49	0.436	2.543	5.830	2011.	51.	0.	761.8	31.0	1
1065	0	340	37.7179	88.7647	-449.7	PPCA-1	11.29	2.72	1.56	0.241	1.747	7.248	2019.	33.	0.	761.8	31.0	1
1066	0	332	37.7179	88.7653	-451.7	PPCA-1	8.65	2.39	1.98	0.277	1.210	4.374	2064.	48.	1.	760.7	31.0	1
1067	0	308	37.7179	88.7660	-452.5	PPCA-1	8.57	3.22	1.62	0.376	1.985	5.284	1967.	42.	0.	759.7	31.0	1
1068	0	328	37.7179	88.7667	-451.7	PPCA-2	8.53	3.78	1.50	0.444	2.513	5.667	2061.	34.	0.	759.7	31.0	1
1069	0	368	37.7179	88.7674	-452.2	PPCA-1	9.56	5.05	1.77	0.528	2.858	5.409	2150.	50.	0.	759.7	31.0	1
1070	0	356	37.7179	88.7681	-454.7	PPCA-2	10.33	4.68	1.68	0.453	2.789	6.157	2133.	36.	0.	760.7	31.0	1
1071	0	352	37.7179	88.7688	-456.0	PPCA-2	9.60	4.44	1.51	0.462	2.949	6.376	2143.	41.	0.	761.8	31.0	1
1072	0	364	37.7179	88.7695	-454.7	PPCA-1	10.27	2.68	1.83	0.261	1.468	5.624	2109.	50.	3.	760.7	31.0	1
1073	0	384	37.7179	88.7702	-456.7	PPCA-1	11.07	3.41	1.68	0.308	2.033	6.605	2105.	39.	0.	759.7	31.1	1
1074	0	412	37.7179	88.7708	-457.2	PPCA-1	8.07	6.91	1.30	0.856	5.310	6.203	2131.	43.	3.	758.7	31.1	1
1075	0	428	37.7179	88.7716	-458.0	PPCA-1	6.94	3.03	1.20	0.436	2.529	5.802	1916.	41.	9.	758.7	31.1	1
1076	0	444	37.7179	88.7723	-458.2	PPCA-1	8.42	5.03	0.73	0.598	6.936	11.599	1834.	43.	7.	759.7	31.0	1
1077	0	456	37.7179	88.7730	-460.7	PPCA-1	5.05	5.55	1.01	1.098	5.498	5.007	1773.	31.	5.	760.7	31.0	1
1078	0	420	37.7179	88.7737	-460.5	PPCA-1	5.97	5.22	0.74	0.875	7.073	8.088	1602.	40.	4.	760.2	31.0	1
1079	0	432	37.7179	88.7743	-461.2	PPCA-1	5.63	3.14	1.05	0.558	2.992	5.359	1528.	47.	6.	759.2	31.0	1
1080	0	424	37.7179	88.7751	-461.2	PPCA-1	8.01	5.09	0.84	0.635	6.053	9.529	1601.	42.	0.	759.2	30.9	1
1081	0	420	37.7179	88.7758	-461.2	PPCA-1	5.82	3.91	1.33	0.672	2.945	4.385	1637.	39.	0.	758.1	30.9	1
1082	0	420	37.7179	88.7764	-464.5	PPCA-1	4.42	5.41	1.07	1.223	5.059	4.136	1565.	40.	0.	758.1	30.8	1
1083	0	420	37.7180	88.7772	-465.0	PPCA-1	5.51	3.98	1.24	0.722	3.202	4.436	1696.	40.	0.	758.7	30.9	1
1084	0	424	37.7180	88.7779	-464.0	PPCA-1	9.00	3.70	1.33	0.411	2.774	6.751	1786.	51.	2.	758.7	30.8	1
1085	0	428	37.7180	88.7785	-465.5	PPCA-1	7.28	5.70	1.11	0.783	5.153	6.581	1942.	35.	0.	758.7	30.8	1
1086	0	448	37.7180	88.7793	-464.7	PPCA-1	5.73	5.20	1.48	0.907	3.506	3.866	2039.	38.	3.	759.7	30.8	1
1087	0	424	37.7180	88.7799	-465.0	PPCA-1	6.19	5.01	1.70	0.810	2.956	3.651	2054.	34.	2.	759.7	30.8	1
1088	0	400	37.7180	88.7806	-466.7	PPCA-1	6.53	5.15	1.49	0.788	3.453	4.380	1899.	48.	6.	758.7	30.8	1
1089	0	384	37.7180	88.7813	-466.2	PPCA-1	7.99	4.05	1.23	0.508	3.308	6.517	1959.	40.	7.	758.7	30.8	1
1090	0	380	37.7180	88.7820	-466.7	PPCA-1	8.84	2.91	1.15	0.329	2.524	7.676	1840.	42.	8.	758.7	30.8	1
1091	0	388	37.7180	88.7827	-466.5	PPCA-1	6.55	1.81	0.99	0.276	1.818	6.595	1593.	46.	10.	758.7	30.8	1
1092	0	416	37.7180	88.7834	-466.7	PPCA-1	4.12	4.28	1.43	1.040	3.005	2.890	1618.	50.	10.	759.7	30.8	1
1093	0	452	37.7180	88.7841	-467.7	PPCA-1	8.03	4.22	1.03	0.526	4.093	7.784	1740.	31.	11.	759.7	30.8	1
1094	0	432	37.7180	88.7848	-469.5	PPCA-1	8.83	3.51	1.28	0.397	2.742	6.899	1707.	40.	6.	758.7	30.8	1
1095	0	420	37.7180	88.7855	-468.7	PPCA-1	5.33	2.21	1.29	0.415	1.709	4.123	1576.	42.	7.	758.7	30.8	1
1096	10	440	37.7180	88.7862	-467.2	PPCA-1	9.38	1.50	1.17	0.0	0.0	8.007	1684.	31.	7.	758.7	30.8	1
1097	0	436	37.7180	88.7869	-468.5	PPCA-1	8.26	2.95	0.98	0.358	3.020	8.441	1630.	33.	5.	759.2	30.8	1
1098	10	436	37.7180	88.7876	-469.2	PPCA-1	7.54	1.16	1.30	0.0	0.0	5.814	1607.	37.	4.	760.2	30.8	1
1099	0	428	37.7180	88.7883	-470.0	PPCA-1	7.14	1.65	1.29	0.231	1.279	5.527	1654.	41.	4.	760.2	30.8	1
1100	10	424	37.7180	88.7889	-470.7	PPCA-1	8.90	0.91	1.19	0.0	0.0	7.497	1624.	37.	7.	759.2	30.8	1
1101	10	420	37.7180	88.7896	-470.0	PPCA-1	8.69	1.52	1.16	0.0	0.0	7.476	1580.	31.	7.	758.7	30.8	1
1102	10	416	37.7180	88.7904	-470.0	PPCA-1	7.34	0.72	1.25	0.0	0.0	5.889	1614.	36.	9.	758.7	30.8	1
1103	0	416	37.7180	88.7910	-471.2	PPCA-1	9.38	3.10	1.12	0.331	2.780	8.412	1650.	43.	5.	758.7	30.8	1
1104	0	416	37.7180	88.7918	-471.5	PPCA-1	7.25	3.40	1.35	0.469	2.512	5.355	1670.	29.	5.	759.2	30.8	1
1105	0	420	37.7180	88.7924	-471.2	PPCA-1	6.80	5.01	0.92	0.736	5.437	7.384	1704.	29.	4.	760.2	30.8	1
1106	0	424	37.7180	88.7931	-471.7	PPCA-1	8.38	3.12	1.20	0.372	2.608	7.003	1561.	42.	2.	760.7	30.8	1
1107	0	420	37.7180	88.7939	-471.2	PPCA-1	8.05	2.38	1.34	0.295	1.778	6.023	1590.	32.	4.	760.7	30.8	1
1108	0	420	37.7180	88.7945	-469.2	PPCA-1	6.33	4.16	1.08	0.657	3.836	5.840	1663.	39.	6.	760.2	30.8	1
1109	0	416	37.7180	88.7952	-469.0	PPCA-1	6.01	3.97	1.05	0.660	3.782	5.728	1533.	47.	5.	759.2	30.8	1
1110	0	412	37.7180	88.7959	-470.5	PPCA-1	8.25	3.73	1.12	0.452	3.323	7.346	1556.	47.	3.	758.1	30.9	1
1111	0	412	37.7180	88.7966	-471.5	PPCA-1	8.59	3.11	0.97	0.362	3.206	8.856	1575.	39.	5.	759.2	30.9	1
1112	0	408	37.7180	88.7973	-471.0	PPCA-1	7.22	3.07	0.96	0.425	3.195	7.513	1497.	28.	8.	759.7	31.0	1
1113	0	408	37.7180	88.7979	-471.7	PPCA-1	7.59	2.35	0.98	0.310	2.397	7.742	1412.	52.	7.	759.7	31.0	1

CP9 IP12
CP6 IP12

*	TAGS		*	LOCATION		*		REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1114	0	412	37.7180	88.7987	-472.2	PPCA-1	7.35	1.54	1.13	0.209	1.357	6.499	1352.	47.	8.	760.7	30.9	1
1115	0	412	37.7180	88.7994	-471.0	PPCA-1	6.95	1.97	0.95	0.283	2.074	7.318	1421.	48.	7.	760.7	30.9	1
1116	0	408	37.7180	88.8001	-471.0	PPCA-1	7.16	2.14	1.24	0.299	1.732	5.788	1577.	36.	6.	759.2	30.9	1
1117	0	404	37.7180	88.8008	-472.2	PPCA-1	7.78	3.51	1.00	0.452	3.502	7.752	1615.	34.	5.	758.1	30.9	1
1118	0	404	37.7180	88.8014	-472.7	PPCA-1	6.81	2.72	1.30	0.399	2.095	5.244	1560.	37.	6.	758.7	30.9	1
1119	0	404	37.7179	88.8022	-473.5	PPCA-1	8.21	3.72	0.95	0.453	3.899	8.616	1542.	39.	6.	758.7	30.9	1
1120	0	404	37.7179	88.8029	-473.5	PPCA-1	5.20	2.19	0.93	0.421	2.360	5.603	1417.	47.	8.	758.7	30.9	1
1121	0	408	37.7179	88.8036	-473.0	PPCA-1	7.09	2.83	1.08	0.399	2.605	6.537	1533.	42.	8.	759.2	30.9	1
1122	0	408	37.7179	88.8043	-472.7	PPCA-1	4.75	2.01	1.13	0.422	1.770	4.196	1457.	42.	13.	760.2	30.9	1
1123	0	408	37.7179	88.8050	-473.2	PPCA-1	6.26	2.85	0.83	0.456	3.419	7.500	1398.	40.	10.	760.2	30.9	1
1124	0	404	37.7179	88.8057	-473.5	PPCA-1	5.41	2.63	0.87	0.485	3.020	6.220	1337.	45.	15.	760.2	30.9	1
1125	0	392	37.7179	88.8064	-471.7	PPCA-1	4.13	3.41	0.80	0.826	4.262	5.163	1362.	31.	16.	759.2	31.0	1
1126	0	376	37.7179	88.8071	-472.0	PPCA-1	5.19	3.93	0.85	0.756	4.595	6.076	1380.	46.	14.	758.7	31.0	1
1127	0	368	37.7179	88.8078	-472.0	PPCA-1	5.05	2.24	1.06	0.444	2.116	4.765	1387.	40.	12.	758.7	31.0	1
1128	0	392	37.7179	88.8085	-470.7	PPCA-1	5.06	3.24	0.77	0.642	4.188	6.525	1391.	29.	10.	758.7	31.0	1
1129	0	412	37.7179	88.8093	-468.5	PPCA-1	4.41	2.06	1.03	0.466	1.997	4.283	1295.	39.	10.	758.7	31.0	1
1130	10	404	37.7179	88.8100	-467.2	PPCA-1	6.35	1.22	0.94	0.0	0.0	6.755	1243.	35.	7.	758.7	31.0	1
1131	0	408	37.7179	88.8107	-469.0	PPCA-1	6.00	2.05	1.28	0.342	1.602	4.688	1333.	46.	5.	758.7	31.0	1
1132	0	404	37.7178	88.8113	-470.0	PPCA-1	6.70	2.56	0.92	0.383	2.776	7.256	1388.	36.	3.	758.7	30.9	1
1133	0	412	37.7178	88.8120	-470.2	PPCA-1	7.64	3.11	1.10	0.407	2.830	6.951	1521.	37.	2.	759.7	30.9	1
1134	0	412	37.7178	88.8128	-469.2	PPCA-1	7.22	3.44	1.21	0.477	2.842	5.960	1609.	45.	5.	760.7	30.8	1
1135	0	412	37.7178	88.8135	-469.0	PPCA-1	9.31	3.66	1.03	0.393	3.533	8.994	1624.	40.	1.	760.7	30.9	1
1136	0	420	37.7178	88.8142	-468.5	PPCA-1	7.23	3.87	1.14	0.535	3.386	6.324	1594.	50.	8.	759.7	30.9	1
1137	0	416	37.7178	88.8149	-468.7	PPCA-1	9.70	1.66	1.17	0.172	1.423	8.296	1546.	30.	3.	759.2	30.9	1
1138	10	420	37.7178	88.8156	-467.5	PPCA-1	10.32	0.37	1.23	0.0	0.0	8.364	1559.	48.	8.	759.2	30.9	1
1139	0	428	37.7178	88.8163	-468.2	PPCA-1	8.13	2.23	0.93	0.274	2.383	8.706	1672.	42.	9.	759.2	30.9	1
1140	10	432	37.7178	88.8170	-469.5	PPCA-1	7.55	1.43	1.27	0.0	0.0	5.952	1568.	54.	6.	758.1	30.8	1
1141	10	424	37.7178	88.8177	-467.5	PPCA-1	7.98	1.36	1.22	0.0	0.0	6.542	1556.	37.	7.	758.7	30.9	1
1142	0	432	37.7178	88.8184	-467.5	PPCA-1	6.00	3.28	1.22	0.546	2.689	4.927	1607.	45.	12.	759.7	30.8	1
1143	0	436	37.7178	88.8192	-469.2	PPCA-1	7.0?	2.81	1.21	0.401	2.321	5.789	1555.	40.	13.	759.7	30.9	1
1144	0	428	37.7178	88.8199	-468.7	PPCA-1	7.6?	2.43	1.35	0.317	1.807	5.703	1579.	49.	10.	759.7	30.9	1
1145	10	428	37.7178	88.8205	-467.7	PPCA-1	9.42	0.63	1.16	0.0	0.0	8.088	1561.	33.	10.	759.7	31.0	1
1146	10	432	37.7177	88.8212	-468.5	PPCA-1	6.20	1.35	1.06	0.0	0.0	5.875	1525.	43.	11.	759.7	31.0	1
1147	10	428	37.7177	88.8220	-468.7	PPCA-1	9.29	0.96	1.13	0.0	0.0	8.204	1542.	35.	11.	759.7	31.0	1
1148	0	424	37.7177	88.8227	-468.2	PPCA-1	6.56	1.83	1.18	0.278	1.549	5.562	1499.	33.	12.	759.7	31.0	1
1149	0	424	37.7177	88.8233	-468.7	PPCA-1	6.56	2.75	1.28	0.420	2.157	5.142	1572.	38.	10.	758.7	31.0	1
1150	0	428	37.7177	88.8241	-470.0	PPCA-1	7.21	2.56	1.12	0.355	2.288	6.439	1573.	35.	11.	758.7	31.0	1
1151	0	424	37.7177	88.8248	-468.5	PPCA-1	6.96	1.68	1.11	0.241	1.515	6.293	1498.	44.	9.	758.7	31.0	1
1152	0	420	37.7177	88.8255	-468.7	PPCA-1	8.44	2.54	1.13	0.301	2.250	7.469	1605.	31.	9.	758.7	30.9	1
1153	0	412	37.7177	88.8262	-468.0	PPCA-1	7.25	4.24	1.11	0.585	3.831	6.551	1644.	37.	5.	758.7	30.9	1
1154	0	416	37.7177	88.8269	-467.7	PPCA-1	6.42	5.19	1.11	0.808	4.679	5.788	1627.	37.	5.	758.7	30.9	1
1155	0	416	37.7177	88.8276	-467.2	PPCA-1	8.35	3.78	1.33	0.453	2.852	6.297	1717.	35.	5.	759.7	30.9	1
1156	0	420	37.7177	88.8283	-468.0	PPCA-1	8.33	2.48	1.13	0.298	2.194	7.372	1584.	43.	5.	759.7	30.9	1
1157	0	416	37.7177	88.8290	-467.5	PPCA-1	7.85	2.69	1.29	0.343	2.085	6.075	1645.	38	5.	759.7	31.0	1
1158	0	408	37.7177	88.8297	-468.5	PPCA-1	6.11	2.15	1.10	0.351	1.952	5.556	1549.	54.	7.	759.7	30.9	1
1159	0	412	37.7176	88.8304	-469.5	PPCA-1	6.43	2.50	1.56	0.390	1.608	4.128	1741.	38.	7.	759.7	31.0	1
1160	0	408	37.7176	88.8312	-468.2	PPCA-1	8.56	3.83	1.36	0.448	2.817	6.290	1673.	41.	1.	759.2	31.0	1
1161	0	404	37.7176	88.8319	-466.7	PPCA-1	7.20	4.68	1.31	0.651	3.565	5.478	1686.	24.	1.	759.2	31.0	1
1162	0	404	37.7176	88.8325	-466.2	PPCA-1	7.90	2.47	1.31	0.313	1.895	6.050	1709.	36.	5.	759.2	31.0	1
1163	0	396	37.7176	88.8332	-466.0	PPCA-1	8.61	3.18	1.20	0.370	2.654	7.182	1628.	39.	2.	759.2	31.0	1
1164	0	396	37.7176	88.8339	-466.7	PPCA-1	8.98	3.01	1.22	0.335	2.470	7.364	1725.	50.	0.	759.2	31.0	1
1165	0	392	37.7176	88.8347	-466.2	PPCA-1	8.23	2.88	1.22	0.351	2.359	6.731	1652.	57.	0.	758.7	31.0	1
1166	0	400	37.7176	88.8354	-466.0	PPCA-1	8.88	2.61	1.31	0.294	1.987	6.756	1644.	38.	0.	758.7	31.0	1

CP 9 IP 12

* TAGS *			LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1167	0	392	37.7176	88.8361	-465.7	PPCA-1	6.83	4.02	1.22	0.589	3.290	5.590	1637.	34.	0.	758.7	31.0	1
1168	0	384	37.7176	88.8368	-464.7	PPCA-1	6.14	3.18	1.08	0.518	2.934	5.669	1449.	45.	0.	758.1	30.9	1
1169	0	404	37.7176	88.8375	-464.0	PPCA-1	4.71	1.81	0.89	0.384	2.036	5.302	1326.	45.	5.	758.1	31.0	1
1170	0	412	37.7176	88.8382	-464.0	PPCA-1	6.71	3.54	0.84	0.528	4.219	7.991	1335.	43.	5.	758.7	31.0	1
1171	0	428	37.7176	88.8389	-465.0	PPCA-1	7.49	3.11	0.96	0.415	3.248	7.829	1406.	37.	7.	758.7	31.1	1
1172	10	404	37.7176	88.8396	-464.5	PPCA-1	6.51	0.93	1.27	0.0	0.0	5.142	1449.	38.	5.	758.7	31.1	1
1173	0	408	37.7175	88.8403	-464.7	PPCA-1	6.10	2.95	0.94	0.483	3.139	6.504	1524.	35.	5.	759.7	31.1	1
1174	0	420	37.7175	88.8410	-463.5	PPCA-1	6.67	2.32	0.93	0.348	2.499	7.183	1518.	29.	9.	759.7	31.0	1
1175	0	444	37.7175	88.8417	-463.7	PPCA-1	7.71	1.55	1.34	0.201	1.157	5.756	1541.	30.	7.	759.7	31.1	1
1176	0	472	37.7175	88.8424	-463.5	PPCA-1	8.08	3.70	1.31	0.459	2.834	6.180	1657.	42.	4.	759.7	31.0	1
1177	0	472	37.7175	88.8431	-462.7	PPCA-1	8.20	3.51	1.01	0.429	3.470	8.092	1664.	33.	5.	758.7	30.9	1
1178	10	464	37.7175	88.8438	-463.0	PPCA-1	7.78	1.45	1.34	0.0	0.0	5.824	1597.	39.	7.	758.7	30.9	1
1179	0	468	37.7175	88.8446	-463.0	PPCA-1	7.58	2.13	1.50	0.282	1.425	5.061	1564.	41.	6.	758.7	30.9	1
1180	0	468	37.7175	88.8453	-464.0	PPCA-1	5.39	2.35	1.34	0.437	1.763	4.039	1521.	42.	5.	758.7	30.8	1
1181	0	468	37.7175	88.8460	-462.2	PPCA-1	3.29	1.76	1.16	0.534	1.514	2.833	1498.	37.	5.	758.7	30.8	1
1182	10	476	37.7175	88.8467	-462.7	PPCA-1	6.18	1.05	1.15	0.0	0.0	5.353	1440.	41.	3.	758.7	30.8	1
1183	0	476	37.7175	88.8474	-462.7	PPCA-1	7.01	2.06	0.98	0.294	2.097	7.129	1426.	35.	5.	759.7	30.9	1
1184	0	480	37.7175	88.8481	-462.0	PPCA-1	6.82	2.88	1.02	0.422	2.827	6.702	1503.	28.	7.	759.7	30.9	1
1185	10	484	37.7175	88.8488	-462.2	PPCA-1	7.98	0.83	1.10	0.0	0.0	7.272	1438.	32.	9.	759.7	30.9	1
1186	0	488	37.7175	88.8495	-461.2	PPCA-1	6.49	3.14	1.06	0.483	2.971	6.147	1453.	47.	10.	759.7	31.0	1
1187	0	496	37.7174	88.8502	-461.2	PPCA-1	6.10	3.44	0.95	0.565	3.619	6.408	1493.	36.	8.	759.7	31.0	1
1188	10	504	37.7174	88.8509	-459.2	PPCA-1	6.13	1.31	0.99	0.0	0.0	6.174	1421.	44.	11.	758.7	31.0	1
1189	10	508	37.7174	88.8516	-455.0	PPCA-1	9.15	1.67	1.13	0.0	0.0	8.126	1424.	32.	10.	758.7	31.0	1
1190	10	512	37.7174	88.8523	-450.7	PPCA-1	8.38	0.31	1.19	0.0	0.0	7.018	1495.	42.	14.	758.7	30.9	1
1191	10	508	37.7174	88.8530	-450.2	PPCA-1	6.05	1.32	0.62	0.0	0.0	9.829	1380.	40.	13.	758.1	30.9	1
1192	0	508	37.7174	88.8538	-451.0	PPCA-1	8.00	2.45	0.98	0.306	2.501	8.179	1448.	32.	9.	758.1	30.9	1
1193	10	508	37.7173	88.8544	-450.5	PPCA-1	7.14	0.14	1.48	0.0	0.0	4.818	1412.	44.	7.	758.1	30.9	1
1194	0	512	37.7173	88.8552	-448.5	PPCA-1	10.04	1.80	1.07	0.180	1.687	9.391	1415.	29.	4.	758.1	30.8	1
1195	10	508	37.7173	88.8559	-449.0	PPCA-1	7.40	1.39	1.13	0.0	0.0	6.526	1425.	37.	4.	758.7	30.9	1
1196	0	508	37.7173	88.8566	-450.2	PPCA-1	7.73	3.19	1.27	0.413	2.518	6.102	1537.	36.	4.	758.7	30.9	1
1197	10	508	37.7173	88.8572	-452.0	PPCA-1	7.51	1.71	1.19	0.0	0.0	6.309	1451.	38.	8.	759.2	30.9	1
1198	0	504	37.7173	88.8579	-451.7	PPCA-1	7.79	2.54	1.10	0.326	2.304	7.073	1516.	28.	1.	760.2	30.9	1
1199	10	500	37.7173	88.8587	-450.5	PPCA-1	7.58	1.21	1.20	0.0	0.0	6.294	1544.	33.	8.	760.2	30.9	1
1200	0	504	37.7173	88.8594	-450.0	PPCA-1	7.80	3.36	1.11	0.430	3.022	7.026	1516.	53.	1.	759.2	30.9	1
1201	0	496	37.7173	88.8601	-449.7	PPCA-1	7.19	2.02	0.97	0.280	2.078	7.409	1468.	41.	9.	758.1	30.9	1
1202	10	488	37.7173	88.8608	-448.5	PPCA-1	6.68	1.58	1.06	0.0	0.0	6.276	1560.	39.	9.	759.2	30.9	1
1203	0	492	37.7173	88.8615	-447.5	PPCA-1	6.05	2.40	1.18	0.397	2.033	5.119	1530.	41.	8.	760.7	31.0	1
1204	0	492	37.7173	88.8622	-448.5	PPCA-1	6.87	3.03	1.06	0.441	2.842	6.449	1555.	37.	11.	759.7	31.3	1
1205	10	484	37.7173	88.8630	-446.0	PPCA-1	8.31	0.79	1.22	0.0	0.0	6.817	1522.	44.	11.	758.7	31.6	1
1206	0	484	37.7173	88.8636	-445.0	PPCA-1	7.10	2.68	1.02	0.377	2.622	6.955	1511.	40.	8.	759.2	31.3	1
1207	0	480	37.7172	88.8643	-445.2	PPCA-1	7.87	2.26	1.05	0.287	2.161	7.535	1593.	38.	9.	759.7	30.9	1
1208	0	476	37.7172	88.8651	-444.7	PPCA-1	8.99	2.01	1.12	0.224	1.799	8.049	1586.	40.	7.	760.7	30.9	1
1209	0	472	37.7172	88.8657	-443.2	PPCA-1	8.34	2.70	1.04	0.324	2.602	8.023	1559.	47.	5.	760.2	30.9	1
1210	0	472	37.7172	88.8664	-445.0	PPCA-1	9.04	3.24	1.13	0.359	2.864	7.986	1619.	42.	0.	759.2	31.1	1
1211	0	476	37.7172	88.8671	-443.5	PPCA-1	8.37	3.56	1.27	0.425	2.801	6.587	1649.	38.	1.	759.2	31.5	1
1212	0	484	37.7172	88.8679	-443.0	PPCA-1	7.33	2.75	1.15	0.376	2.390	6.361	1591.	46.	2.	759.2	31.7	1
1213	0	488	37.7172	88.8686	-442.7	PPCA-1	7.64	2.08	1.34	0.273	1.560	5.714	1632.	24.	3.	758.7	31.6	1
1214	0	488	37.7172	88.8693	-443.5	PPCA-1	8.17	2.26	1.61	0.277	1.402	5.070	1639.	35.	3.	758.7	31.6	1
1215	10	488	37.7172	88.8700	-444.2	PPCA-1	7.99	1.58	1.07	0.0	0.0	7.439	1549.	43.	7.	758.7	31.5	1
1216	0	496	37.7172	88.8707	-442.2	PPCA-1	9.53	2.69	1.54	0.282	1.741	6.176	1778.	31.	2.	758.7	31.5	1
1217	0	504	37.7172	88.8714	-442.0	PPCA-1	6.88	2.27	1.19	0.329	1.903	5.776	1583.	47.	6.	758.7	31.5	1
1218	0	516	37.7172	88.8721	-442.2	PPCA-1	6.84	2.73	1.28	0.399	2.129	5.332	1620.	44.	4.	758.7	31.5	1
1219	0	524	37.7172	88.8728	-442.2	PPCA-1	7.00	4.71	1.19	0.673	3.957	5.877	1621.	33.	4.	758.7	31.6	1

CP9 1P 12
CP9 1P 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1220	0	524	37.7172	88.8735	-441.7	PPCA-1	7.70	1.81	1.34	0.235	1.349	5.748	1587.	44.	3.	758.7	31.6	1
1221	0	524	37.7171	88.8742	-441.5	QAL	8.64	1.95	1.18	0.225	1.655	7.342	1540.	41.	0.	759.2	31.5	1
1222	0	524	37.7171	88.8749	-440.7	QAL	8.38	1.87	0.94	0.224	1.988	8.888	1462.	44.	0.	760.2	31.4	1
1223	0	524	37.7171	88.8757	-440.7	QAL	8.29	3.93	1.32	0.475	2.989	6.298	1617.	34.	0.	760.2	31.4	1
1224	0	524	37.7171	88.8763	-441.2	QAL	7.16	3.65	0.92	0.509	3.943	7.748	1509.	36.	0.	759.7	31.0	1
1225	0	520	37.7171	88.8771	-441.0	QAL	6.18	3.11	1.38	0.503	2.250	4.473	1606.	34.	0.	759.7	30.9	1
1226	0	516	37.7171	88.8778	-439.5	PPCA-1	7.22	3.17	1.14	0.439	2.780	6.327	1593.	32.	0.	759.7	31.0	1
1227	0	512	37.7171	88.8785	-439.0	PPCA-1	6.07	3.68	1.33	0.607	2.773	4.571	1626.	32.	3.	758.7	30.9	1
1228	0	500	37.7171	88.8791	-437.7	PPCA-1	7.93	2.09	1.40	0.264	1.491	5.650	1598.	29.	1.	758.7	31.0	1
1229	0	492	37.7171	88.8799	-437.7	PPCA-1	8.79	2.21	1.46	0.251	1.508	6.014	1649.	33.	1.	758.7	31.3	1
1230	0	484	37.7171	88.8806	-436.5	PPCA-1	7.55	2.72	1.02	0.360	2.666	7.403	1584.	38.	2.	759.7	31.1	1
1231	0	488	37.7171	88.8813	-436.2	PPCA-1	8.15	2.52	1.08	0.310	2.340	7.558	1500.	47.	2.	760.2	30.9	1
1232	0	488	37.7171	88.8820	-436.5	QAL	6.95	2.05	0.97	0.294	2.100	7.134	1492.	46.	3.	760.2	31.0	1
1233	0	484	37.7171	88.8827	-436.0	QAL	6.30	4.32	1.05	0.685	4.095	5.981	1580.	41.	1.	761.2	31.0	1
1234	10	484	37.7170	88.8834	-435.5	QAL	7.34	1.03	1.27	0.0	0.0	5.772	1518.	32.	7.	760.2	30.9	1
1235	10	488	37.7170	88.8841	-435.7	QAL	8.61	1.49	1.43	0.0	0.0	6.019	1517.	35.	4.	758.7	30.9	1
1236	0	492	37.7170	88.8848	-434.5	QAL	6.26	2.32	1.41	0.370	1.648	4.457	1563.	42.	7.	758.7	30.9	1
1237	10	496	37.7170	88.8855	-436.0	QAL	7.30	0.96	1.53	0.0	0.0	4.775	1580.	36.	8.	759.2	30.8	1
1238	10	504	37.7170	88.8862	-435.7	PPCA-1	5.75	1.05	1.31	0.0	0.0	4.406	1457.	51.	9.	760.2	30.8	1
1239	10	508	37.7170	88.8870	-435.7	PPCA-1	7.39	1.02	0.92	0.0	0.0	8.016	1561.	30.	13.	761.2	30.9	1
1240	10	516	37.7170	88.8877	-434.2	PPCA-1	8.57	1.83	1.04	0.0	0.0	8.265	1471.	45.	9.	760.2	31.0	1
1241	10	512	37.7170	88.8883	-432.5	PPCA-1	6.43	0.73	1.20	0.0	0.0	5.365	1470.	48.	10.	758.7	30.9	1
1242	0	512	37.7170	88.8890	-429.5	QAL	6.48	2.00	1.28	0.309	1.558	5.047	1516.	42.	11.	758.7	30.9	1
1243	0	512	37.7170	88.8897	-427.2	QAL	9.33	1.93	1.06	0.207	1.812	8.772	1523.	35.	9.	759.7	31.0	1
1244	10	512	37.7170	88.8905	-425.7	QAL	5.86	0.47	1.23	0.0	0.0	4.767	1481.	37.	10.	760.7	31.0	1
1245	10	516	37.7170	88.8912	-425.7	QAL	7.12	1.27	1.22	0.0	0.0	5.820	1494.	50.	6.	759.7	31.1	1
1246	0	520	37.7170	88.8919	-425.7	QAL	5.26	2.56	1.43	0.486	1.788	3.677	1506.	50.	3.	758.7	31.1	1
1247	0	528	37.7170	88.8926	-425.0	QAL	7.41	2.65	0.98	0.358	2.709	7.577	1484.	29.	7.	758.7	31.1	1
1248	0	540	37.7169	88.8933	-424.5	QAL	7.39	2.84	1.10	0.384	2.591	6.748	1478.	44.	3.	759.7	31.1	1
1249	0	544	37.7169	88.8940	-425.5	QAL	7.42	5.05	1.08	0.680	4.665	6.862	1637.	36.	0.	759.7	31.1	1
1250	0	544	37.7169	88.8947	-425.0	QAL	7.93	3.41	1.18	0.430	2.893	6.730	1558.	47.	7.	759.7	31.1	1
1251	0	548	37.7169	88.8954	-424.7	QAL	9.54	3.54	1.10	0.371	3.212	8.659	1624.	34.	1.	758.7	31.2	1
1252	0	548	37.7169	88.8961	-426.0	QAL	8.32	3.70	1.09	0.444	3.402	7.660	1638.	29.	7.	758.1	31.2	1
1253	0	544	37.7169	88.8969	-425.2	QAL	9.98	3.36	1.05	0.336	3.182	9.459	1693.	30.	1.	759.2	31.1	1
1254	10	536	37.7169	88.8975	-424.7	QAL	11.53	0.71	1.11	0.0	0.0	10.406	1635.	34.	2.	760.2	31.1	1
1255	0	528	37.7169	88.8982	-425.0	QAL	8.79	2.47	1.15	0.281	2.139	7.618	1579.	43.	5.	759.2	31.2	1
1256	0	524	37.7169	88.8989	-423.5	QAL	6.59	2.48	1.31	0.376	1.893	5.033	1583.	36.	6.	759.2	31.2	1
1257	0	516	37.7169	88.8997	-423.5	QAL	6.06	3.84	1.32	0.634	2.901	4.577	1465.	44.	3.	758.7	31.2	1
1258	10	512	37.7169	88.9004	-424.5	QAL	7.71	1.17	0.92	0.0	0.0	8.394	1503.	52.	5.	758.7	31.2	1
1259	10	496	37.7169	88.9010	-424.7	QAL	6.08	0.95	1.12	0.0	0.0	5.413	1410.	52.	7.	759.7	31.2	1
1260	0	460	37.7169	88.9018	-426.0	QAL	5.39	2.31	1.00	0.428	2.305	5.390	1287.	44.	7.	759.7	31.2	1
1261	10	492	37.7169	88.9025	-424.5	QAL	9.01	1.62	0.91	0.0	0.0	9.875	1376.	36.	5.	759.2	31.3	1
1262	10	492	37.7168	88.9032	-420.2	QAL	6.56	1.02	0.97	0.0	0.0	6.786	1356.	53.	7.	758.1	31.3	1
1263	0	492	37.7168	88.9038	-417.2	QAL	5.89	2.92	0.86	0.497	3.385	6.815	1453.	33.	1.	758.1	31.3	1
1264	0	496	37.7168	88.9046	-417.7	QAL	7.89	3.02	1.17	0.382	2.568	6.715	1527.	46.	2.	760.2	31.2	1
1265	0	496	37.7168	88.9053	-419.2	QAL	6.58	4.24	1.20	0.645	3.525	5.466	1487.	44.	2.	761.2	31.2	1
1266	0	496	37.7168	88.9060	-422.0	QAL	7.31	2.25	1.20	0.308	1.871	6.072	1537.	42.	1.	759.7	31.1	1
1267	0	488	37.7168	88.9067	-421.2	QAL	7.01	2.63	1.43	0.375	1.835	4.899	1648.	45.	1.	758.7	31.1	1
1268	0	484	37.7167	88.9074	-421.2	QAL	8.32	4.36	0.82	0.524	5.289	10.097	1646.	34.	0.	758.7	31.1	1
1269	0	484	37.7167	88.9081	-422.0	QAL	6.16	4.45	1.19	0.722	3.727	5.163	1600.	43.	0.	759.7	31.1	1
1270	0	480	37.7167	88.9089	-422.2	QAL	8.37	4.11	1.27	0.491	3.246	6.613	1582.	45.	0.	760.7	31.1	1
1271	0	476	37.7167	88.9096	-422.5	QAL	9.48	3.32	1.55	0.350	2.147	6.130	1709.	40.	0.	759.7	31.1	1
1272	0	472	37.7167	88.9102	-421.5	QAL	6.55	4.00	1.12	0.610	3.572	5.852	1558.	58.	0.	758.7	31.1	1

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ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
	TAGS		LOCATION					REDUCED DATA											
1273	0	468	37.7167	88.9109	-423.0		QAL	6.62	3.90	1.48	0.589	2.636	4.476	1613.	41.	0.	759.7	31.1	1
1274	0	464	37.7167	88.9117	-422.7		QAL	6.80	3.18	1.41	0.468	2.249	4.808	1617.	47.	2.	760.7	31.1	1
1275	0	464	37.7167	88.9124	-421.7		QAL	9.28	2.09	1.14	0.226	1.831	8.118	1615.	43.	3.	760.7	31.1	1
1276	0	464	37.7167	88.9130	-421.2		QAL	10.06	3.70	0.94	0.367	3.945	10.740	1636.	45.	1.	759.7	31.1	1
1277	0	464	37.7167	88.9138	-422.0		QAL	8.19	3.22	1.45	0.393	2.214	5.631	1686.	39.	0.	758.7	31.1	1
1278	0	468	37.7167	88.9145	-421.0		QAL	6.73	3.16	1.30	0.470	2.435	5.186	1626.	49.	0.	758.7	31.1	1
1279	10	468	37.7167	88.9152	-420.5		QAL	9.64	1.55	1.50	0.0	0.0	6.408	1758.	37.	0.	760.7	31.1	1
1280	0	468	37.7167	88.9159	-422.2		QAL	7.61	4.18	0.97	0.549	4.300	7.827	1664.	58.	0.	761.8	31.0	1
1281	0	468	37.7167	88.9166	-422.7		QAL	10.16	3.65	1.26	0.359	2.883	8.039	1724.	30.	0.	759.7	31.0	1
1282	0	472	37.7166	88.9173	-421.7		QAL	6.45	3.05	1.53	0.472	1.994	4.224	1653.	43.	0.	758.7	31.0	1
1283	0	472	37.7166	88.9180	-421.5		QAL	6.16	5.08	0.95	0.825	5.341	6.476	1697.	31.	0.	760.7	31.1	1
1284	0	472	37.7166	88.9187	-423.2		QAL	4.43	4.83	1.52	1.091	3.189	2.923	1670.	38.	0.	761.8	31.1	1
1285	0	476	37.7166	88.9194	-424.5		QAL	9.80	3.51	1.21	0.359	2.895	8.071	1724.	40.	0.	759.7	31.1	1
1286	0	480	37.7166	88.9201	-426.0		QAL	5.76	4.16	1.56	0.722	2.658	3.682	1677.	47.	5.	759.7	31.1	1
1287	10	484	37.7166	88.9208	-426.0		QAL	9.54	1.31	1.41	0.0	0.0	6.790	1799.	23.	5.	760.7	31.1	1
1288	0	488	37.7166	88.9216	-426.5		QAL	9.36	2.09	1.23	0.223	1.697	7.604	1733.	38.	5.	760.7	31.0	1
1289	0	492	37.7166	88.9222	-427.2		QAL	9.18	2.30	1.37	0.251	1.677	6.682	1745.	32.	4.	758.7	31.1	1
1290	10	496	37.7166	88.9230	-427.5		QAL	10.43	1.56	1.35	0.0	0.0	7.697	1738.	44.	8.	758.7	31.1	1
1291	10	500	37.7166	88.9237	-428.2		QAL	10.27	1.10	1.34	0.0	0.0	7.635	1623.	42.	7.	759.7	30.9	1
1292	0	500	37.7166	88.9244	-428.5		QAL	6.22	2.56	1.02	0.412	2.514	6.101	1535.	30.	6.	760.7	31.0	1
1293	10	500	37.7166	88.9251	-427.2		QAL	9.40	1.06	0.79	0.0	0.0	11.846	1487.	30.	5.	758.7	31.0	1
1294	0	500	37.7166	88.9257	-427.7		QAL	7.92	3.15	1.06	0.398	2.976	7.477	1411.	51.	3.	758.7	31.0	1
1295	0	476	37.7166	88.9265	-426.0		QAL	5.20	2.08	1.05	0.401	1.992	4.971	1352.	43.	4.	760.7	31.0	1
1296	0	500	37.7165	88.9272	-421.5		QAL	6.08	4.01	0.80	0.660	5.035	7.630	1446.	29.	0.	760.7	31.1	1
1297	10	500	37.7165	88.9279	-421.5		QAL	9.31	1.57	0.99	0.0	0.0	9.416	1468.	37.	1.	758.7	31.0	1
1298	0	500	37.7165	88.9286	-425.5		QAL	8.28	1.84	0.93	0.222	1.983	8.920	1410.	34.	9.	758.7	31.0	1
1299	0	500	37.7165	88.9293	-430.0		QAL	5.19	4.20	1.21	0.810	3.484	4.298	1527.	42.	8.	759.7	31.0	1
1300	10	492	37.7165	88.9300	-432.0		QAL	6.46	1.26	1.25	0.0	0.0	5.152	1405.	46.	12.	760.7	31.0	1
1301	0	488	37.7165	88.9307	-433.2		QAL	4.68	2.51	1.18	0.535	2.124	3.970	1412.	39.	8.	759.7	31.0	1
1302	0	484	37.7165	88.9314	-432.2		QAL	5.45	3.47	0.83	0.635	4.166	6.557	1443.	37.	7.	758.7	31.0	1
1303	0	480	37.7165	88.9321	-430.7		QAL	6.60	1.76	1.13	0.266	1.558	5.846	1422.	32.	13.	760.7	31.0	1
1304	0	492	37.7165	88.9328	-431.0		QAL	5.12	2.37	1.03	0.463	2.299	4.970	1415.	46.	11.	760.7	30.9	1
1305	0	488	37.7165	88.9335	-432.5		QAL	5.80	2.41	1.03	0.416	2.351	5.657	1389.	38.	11.	758.7	31.0	1
1306	0	484	37.7166	88.9343	-434.0		QAL	4.12	1.62	1.32	0.393	1.225	3.117	1420.	26.	8.	759.7	31.0	1
1307	0	484	37.7166	88.9349	-435.7		PPCA-1	7.29	2.24	1.06	0.307	2.104	6.851	1407.	37.	6.	761.8	31.0	1
1308	0	476	37.7166	88.9357	-439.0		PPCA-1	4.93	1.84	1.01	0.372	1.821	4.893	1425.	34.	7.	760.7	31.0	1
1309	10	472	37.7166	88.9364	-439.5		PPCA-1	6.17	1.01	1.07	0.0	0.0	5.760	1403.	38.	4.	758.7	31.0	1
1310	0	472	37.7166	88.9371	-441.7		PPCA-1	4.37	2.15	1.29	0.492	1.662	3.380	1334.	39.	3.	759.7	31.0	1
1311	0	480	37.7166	88.9378	-444.2		PPCA-1	4.91	3.36	1.33	0.684	2.529	3.697	1409.	24.	0.	761.8	30.9	1
1312	0	484	37.7166	88.9385	-446.0		PPCA-1	8.13	3.00	0.76	0.370	3.945	10.675	1446.	42.	2.	759.7	30.9	1
1313	0	484	37.7167	88.9392	-445.5		PPCA-1	7.00	3.68	0.83	0.526	4.424	8.412	1361.	33.	0.	758.1	30.9	1
1314	0	488	37.7167	88.9399	-448.5		PPCA-1	5.59	3.67	0.98	0.656	3.723	5.678	1323.	35.	0.	760.2	30.9	1
1315	0	496	37.7167	88.9407	-450.2		PPCA-1	8.80	2.29	1.24	0.261	1.849	7.096	1413.	37	2.	760.2	30.9	1
1316	0	492	37.7167	88.9413	-451.2		PPS	5.76	1.92	1.07	0.333	1.799	5.397	1363.	35.	0.	758.7	30.9	1
1317	0	488	37.7167	88.9420	-453.7		PPS	7.34	2.41	0.90	0.328	2.679	8.165	1450.	43.	0.	759.7	30.9	1
1318	0	492	37.7167	88.9427	-456.7		PPS	7.19	1.96	1.15	0.272	1.707	6.267	1376.	43.	0.	760.7	31.0	1
1319	0	488	37.7167	88.9435	-458.2		PPS	4.55	2.69	1.21	0.590	2.214	3.749	1389.	35.	4.	759.7	31.0	1
1320	10	488	37.7167	88.9441	-459.0		PPCA-1	7.40	1.12	1.14	0.0	0.0	6.494	1526.	30.	7.	759.7	31.0	1
1321	10	484	37.7168	88.9448	-460.0		PPCA-1	8.06	0.39	1.21	0.0	0.0	6.684	1449.	38.	5.	759.7	31.0	1
1322	0	480	37.7168	88.9456	-459.5		PPCA-1	6.03	1.84	1.15	0.305	1.600	5.249	1424.	32.	3.	760.7	31.0	1
1323	0	476	37.7168	88.9463	-458.2		PPCA-1	5.82	2.76	1.13	0.475	2.435	5.132	1471.	31.	7.	760.7	31.0	1
1324	0	472	37.7169	88.9470	-459.2		PPCA-1	5.26	2.46	1.24	0.468	1.979	4.229	1534.	41.	7.	758.7	31.0	1
1325	0	464	37.7169	88.9477	-463.2		PPCA-1	7.07	3.04	0.88	0.430	3.472	8.068	1453.	51.	5.	759.7	31.0	1

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CP9 1P12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1326	0	460	37.7169	88.9484	-463.2	PPCA-1	7.40	3.50	0.80	0.473	4.351	9.206	1527.	38.	5.	761.8	31.0	1
1327	0	452	37.7169	88.9491	-464.0	PPCA-1	6.01	3.56	1.07	0.592	3.342	5.642	1549.	32.	2.	760.7	31.0	1
1328	0	400	37.7169	88.9499	-465.2	PPCA-1	5.83	1.90	1.12	0.326	1.699	5.210	1380.	46.	1.	759.7	31.0	1
1329	0	404	37.7169	88.9505	-468.0	PPCA-1	7.06	2.71	0.87	0.384	3.125	8.144	129[illegible]	48.	0.	761.8	31.0	1
1330	0	456	37.7169	88.9512	-468.5	PPCA-1	7.48	3.17	1.22	0.424	2.602	6.143	1566.	31.	0.	761.8	30.9	1
1331	10	456	37.7169	88.9519	-470.5	PPCA-1	9.70	0.97	1.52	0.0	0.0	6.370	1546.	33.	0.	759.7	30.9	1
1332	0	448	37.7170	88.9526	-472.2	PPCA-1	7.17	2.00	1.19	0.279	1.678	6.012	1548.	51.	0.	759.7	30.9	1
1333	0	448	37.7170	88.9534	-474.2	PPCA-1	8.60	3.31	1.07	0.386	3.107	8.059	1606.	42.	0.	760.7	30.9	1
1334	0	444	37.7170	88.9540	-474.5	PPCA-1	8.70	2.15	1.19	0.247	1.809	7.324	1644.	30.	4.	761.2	30.9	1
1335	0	440	37.7170	88.9548	-475.2	PPCA-1	8.11	2.00	1.16	0.247	1.721	6.966	1599.	24.	1.	760.2	31.0	1
1336	0	436	37.7170	88.9555	-476.5	PPCA-1	7.34	3.02	1.15	0.412	2.630	6.386	1577.	33.	7.	759.2	30.9	1
1337	10	432	37.7170	88.9562	-477.5	PPCA-1	6.70	1.44	1.01	0.0	0.0	6.610	1448.	49.	7.	761.2	30.9	1
1338	0	432	37.7170	88.9568	-477.2	PPCA-1	4.14	3.13	1.07	0.756	2.929	3.875	1460.	43.	8.	761.2	30.9	1
1339	0	432	37.7171	88.9576	-475.5	PPCA-1	5.43	5.23	0.80	0.965	6.517	6.755	1386.	34.	7.	760.2	31.0	1
1340	10	432	37.7171	88.9583	-477.0	PPCA-1	8.17	1.10	1.37	0.0	0.0	5.975	1521.	42.	5.	760.2	31.0	1
1341	0	448	37.7171	88.9590	-482.0	PPCA-1	7.04	2.43	0.90	0.345	2.710	7.847	1460.	35.	8.	762.3	31.0	1
1342	0	448	37.7172	88.9597	-484.7	PPCA-1	6.94	2.01	0.92	0.290	2.193	7.568	1470.	34.	6.	761.8	31.0	1
1343	0	444	37.7172	88.9604	-486.7	PPCA-1	8.88	2.03	1.35	0.229	1.503	6.568	1564.	50.	2.	759.7	31.0	1
1344	0	436	37.7172	88.9611	-489.0	PPCA-1	6.77	2.66	1.07	0.393	2.495	6.351	1594.	48.	4.	760.2	31.0	1
1345	0	424	37.7172	88.9618	-489.7	PPCA-1	8.60	2.80	1.03	0.325	2.722	8.373	1591.	32.	4.	761.2	31.0	1
1346	0	420	37.7172	88.9625	-491.7	PPCA-1	5.40	3.31	1.49	0.612	2.224	3.633	1597.	43.	2.	759.2	31.0	1
1347	0	416	37.7172	88.9632	-494.5	PPCA-1	8.54	3.33	1.25	0.391	2.664	6.818	1682.	45.	4.	759.2	31.0	1
1348	0	412	37.7172	88.9640	-495.5	PPCA-1	5.97	3.27	1.39	0.547	2.351	4.297	1559.	37.	3.	761.2	31.0	1
1349	0	412	37.7172	88.9647	-496.7	PPCA-1	7.18	1.55	1.17	0.217	1.323	6.111	1580.	43.	8.	761.8	31.0	1
1350	0	416	37.7173	88.9654	-498.7	PPCA-1	7.87	2.52	1.38	0.320	1.827	5.703	1647.	43.	0.	759.7	30.9	1
1351	0	424	37.7173	88.9660	-496.5	PPCA-1	8.64	2.29	1.25	0.266	1.833	6.903	1583.	30.	6.	758.7	30.9	1
1352	0	440	37.7173	88.9667	-494.0	PPCA-1	9.01	1.55	1.16	0.173	1.337	7.746	1571.	37.	3.	760.7	30.9	1
1353	0	456	37.7173	88.9674	-494.7	PPCA-1	5.62	2.96	1.22	0.527	2.422	4.597	1562.	38.	8.	760.7	31.0	1
1354	0	464	37.7173	88.9682	-494.5	PPCA-1	4.94	2.90	1.22	0.587	2.377	4.051	1539.	43.	9.	758.7	31.0	1
1355	0	428	37.7173	88.9689	-494.7	PPCA-1	6.28	2.29	0.95	0.365	2.405	6.591	1427.	35.	6.	759.7	31.0	1
1356	0	436	37.7173	88.9696	-496.7	PPCA-1	4.65	1.34	1.20	0.288	1.112	3.862	1490.	39.	4.	760.7	31.0	1
1357	10	480	37.7174	88.9703	-498.0	PPCA-1	8.81	1.70	1.02	0.0	0.0	8.627	1546.	34.	8.	759.7	31.0	1
1358	0	492	37.7174	88.9710	-499.5	QAL	7.07	1.65	1.33	0.233	1.240	5.324	1560.	39.	6.	758.7	30.9	1
1359	10	500	37.7174	88.9717	-501.2	QAL	8.13	1.37	1.06	0.0	0.0	7.703	1532.	30.	8.	758.7	30.9	1
1360	10	504	37.7174	88.9724	-500.7	QAL	6.68	0.82	1.31	0.0	0.0	5.112	1442.	42.	7.	759.7	30.9	1
1361	0	500	37.7174	88.9731	-502.0	QAL	5.53	2.64	0.73	0.476	3.626	7.614	1282.	34.	2.	760.2	31.0	1
1362	10	464	37.7174	88.9738	-504.0	QAL	5.89	-0.00	0.85	0.0	0.0	6.955	1030.	42.	3.	759.2	31.0	1
1363	0	476	37.7174	88.9745	-503.0	QAL	2.19	1.60	0.64	0.731	2.494	3.411	794.	28.	3.	758.1	31.0	1
1364	10	504	37.7175	88.9753	-505.0	QAL	4.43	0.38	0.44	0.0	0.0	9.966	605.	42.	0.	759.7	30.9	1
1365	0	500	37.7175	88.9759	-506.2	QAL	3.12	1.38	0.47	0.444	2.931	6.603	590.	36.	2.	760.7	30.9	1
1366	0	500	37.7175	88.9766	-505.7	QAL	3.73	1.44	0.38	0.385	3.795	9.857	677.	39.	0.	759.7	30.9	1
1367	10	500	37.7175	88.9774	-507.5	PPCA-1	4.39	1.32	0.51	0.0	0.0	8.641	819.	39.	2.	758.7	30.9	1
1368	0	500	37.7175	88.9781	-509.5	PPCA-1	4.58	2.73	0.98	0.595	2.778	4.672	1080.	32.	0.	760.7	30.9	1
1369	0	496	37.7175	88.9787	-508.2	PPCA-1	9.13	2.60	0.74	0.285	3.534	12.400	1383.	34.	0.	760.7	30.9	1
1370	0	488	37.7175	88.9795	-508.7	PPCA-1	5.42	4.74	0.94	0.874	5.031	5.760	1521.	37.	3.	758.7	30.9	1
1371	0	484	37.7175	88.9802	-511.0	PPCA-1	8.68	2.14	1.29	0.247	1.665	6.751	1577.	44.	2.	760.2	30.9	1
1372	0	484	37.7176	88.9809	-511.2	PPCA-1	7.89	2.49	1.12	0.316	2.232	7.067	1533.	46.	0.	762.3	30.9	1
1373	0	476	37.7176	88.9817	-511.5	PPCA-1	6.56	5.02	1.26	0.765	3.996	5.222	1626.	37.	2.	760.2	30.9	1
1374	0	468	37.7176	88.9823	-512.7	PPCA-1	7.07	2.19	1.01	0.311	2.175	7.003	1516.	50.	3.	759.2	30.9	1
1375	0	460	37.7177	88.9830	-513.0	PPCA-1	7.29	2.98	1.27	0.409	2.342	5.724	1640.	38.	3.	760.7	30.9	1
1376	0	456	37.7177	88.9837	-511.7	PPCA-1	8.99	3.43	1.23	0.382	2.796	7.318	1677.	40.	1.	760.7	30.9	1
1377	0	456	37.7177	88.9844	-512.5	PPS	8.17	1.93	1.51	0.237	1.280	5.412	1659.	51.	3.	758.7	31.0	1
1378	10	460	37.7177	88.9851	-513.5	PPS	6.71	0.31	1.47	0.0	0.0	4.561	1574.	40.	4.	758.7	31.0	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1379	0	468	37.7177	88.9858	-513.7	PPS	6.58	3.68	1.32	0.559	2.785	4.979	1583.	38.	7.	761.2	31.0	1
1380	0	468	37.7177	88.9866	-515.5	PPS	8.65	2.26	0.96	0.261	2.339	8.970	1542.	38.	4.	761.2	31.0	1
1381	0	480	37.7177	88.9873	-516.2	PPS	7.07	1.75	0.92	0.248	1.900	7.674	1481.	[illegible]	6.	759.2	31.0	1
1382	10	480	37.7178	88.9880	-516.2	PPS	8.18	1.09	1.05	0.0	0.0	7.787	1477.	[illegible]	5.	760.2	30.9	1
1383	0	480	37.7178	88.9886	-516.5	PPS	7.82	2.13	0.95	0.272	2.245	8.242	1447.	[illegible]	6.	761.2	30.8	1
1384	0	476	37.7178	88.9893	-517.7	PPCA-1	7.47	4.00	0.91	0.536	4.386	8.179	1485.	35.	1.	759.2	30.8	1
1385	0	472	37.7178	88.9901	-516.7	PPCA-1	5.55	4.08	0.78	0.735	5.233	7.121	1408.	35.	2.	760.2	30.8	1
1386	0	468	37.7178	88.9908	-517.2	PPCA-1	4.49	3.32	1.08	0.740	3.066	4.145	1374.	44.	4.	761.2	30.8	1
1387	0	464	37.7178	88.9915	-516.5	PPCA-1	8.31	1.79	0.99	0.216	1.817	8.431	1495.	50.	4.	758.7	30.8	1
1388	0	460	37.7178	88.9922	-517.0	PPCA-1	7.30	2.87	1.17	0.393	2.453	6.241	1438.	47.	3.	759.7	30.7	1
1389	0	452	37.7178	88.9929	-518.0	PPCA-1	7.00	3.23	1.01	0.462	3.197	6.924	1487.	54.	6.	761.8	30.8	1
1390	0	452	37.7179	88.9936	-517.5	PPCA-1	8.23	1.74	1.04	0.212	1.683	7.944	1419.	39.	2.	759.7	30.8	1
1391	0	452	37.7179	88.9943	-517.7	PPCA-1	6.81	3.84	0.79	0.564	4.838	8.580	1413.	33.	2.	759.2	30.8	1
1392	0	456	37.7179	88.9950	-518.7	PPCA-1	7.51	3.16	0.87	0.421	3.616	8.587	1415.	39.	2.	760.2	30.8	1
1393	0	460	37.7179	88.9957	-517.2	PPCA-1	7.52	2.07	0.99	0.275	2.084	7.579	1375.	45.	0.	759.2	30.8	1
1394	0	440	37.7179	88.9965	-517.2	PPCA-1	6.48	2.11	0.75	0.326	2.798	8.585	1350.	34.	1.	759.7	30.8	1
1395	0	396	37.7179	88.9972	-518.0	PPCA-1	5.36	2.46	0.77	0.459	3.205	6.983	12[illegible]	44.	1.	760.7	30.8	1
1396	0	432	37.7179	88.9978	-518.5	PPCA-1	6.15	3.37	0.90	0.548	3.744	6.827	142[illegible]	31.	0.	759.7	30.8	1
1397	0	464	37.7180	88.9985	-520.5	PPCA-1	7.46	1.51	1.00	0.202	1.51[illegible]	7.482	1513.	38.	1.	759.7	30.9	1
1398	0	468	37.7180	88.9992	-520.2	PPCA-1	7.19	2.66	1.37	0.370	1.944	5.253	1536.	41.	2.	759.7	30.8	1
1399	0	468	37.7180	89.0000	-519.0	PPCA-1	6.23	2.13	1.29	0.342	1.655	4.834	1543.	38.	4.	759.2	30.9	1
1400	0	468	37.7180	89.0007	-519.0	PPCA-1	5.17	3.77	1.01	0.730	3.737	5.118	1530.	40.	5.	760.2	31.4	1
1401	0	472	37.7180	89.0014	-520.7	PPCA-1	5.50	1.67	1.17	0.303	1.425	4.705	1523.	46.	10.	760.2	31.4	1
1402	0	472	37.7180	89.0021	-520.2	PPCA-1	7.63	1.67	1.30	0.219	1.284	5.872	1485.	45.	7.	759.2	31.4	1
1403	0	472	37.7180	89.0028	-518.5	PPCA-1	8.56	1.69	0.96	0.198	1.756	8.875	1513.	44.	7.	760.2	31.4	1
1404	0	476	37.7181	89.0035	-518.5	PPCA-1	6.27	3.16	1.18	0.505	2.685	5.320	1579.	39.	9.	760.2	31.0	1
1405	0	472	37.7181	89.0042	-518.0	PPCA-1	8.61	3.38	1.14	0.392	2.957	7.544	1578.	35.	7.	758.7	30.8	1
1406	0	468	37.7181	89.0049	-517.2	PPCA-1	8.26	2.39	0.86	0.289	2.772	9.587	1520.	40.	4.	760.2	30.9	1
1407	0	468	37.7181	89.0056	-517.2	PPCA-1	7.86	3.08	1.11	0.392	2.778	7.092	1604.	31.	2.	760.7	30.9	1
1408	0	468	37.7182	89.0063	-517.5	PPCA-1	5.39	2.78	1.26	0.515	2.203	4.280	1574.	41.	5.	759.7	30.9	1
1409	0	464	37.7182	89.0070	-517.2	PPCA-1	9.10	3.12	0.93	0.343	3.343	9.752	1595.	37.	2.	760.2	31.0	1
1410	0	460	37.7182	89.0077	-517.0	PPCA-1	8.67	2.56	0.95	0.295	2.679	9.094	1536.	44.	3.	759.7	30.9	1
1411	0	460	37.7182	89.0084	-515.5	PPCA-1	11.35	1.66	1.35	0.146	1.235	8.432	1727.	42.	0.	759.2	31.0	1
1412	0	460	37.7182	89.0092	-515.7	PPCA-1	7.36	4.34	1.07	0.590	4.050	6.868	1668.	38.	0.	759.7	31.0	1
1413	0	456	37.7182	89.0099	-516.5	PPCA-1	5.43	5.36	1.01	0.927	5.304	5.372	1641.	41.	1.	759.7	30.9	1
1414	10	464	37.7182	89.0105	-516.5	PPCA-1	9.85	0.66	1.38	0.0	0.0	7.154	1621.	45.	0.	760.2	31.0	1
1415	0	472	37.7183	89.0113	-516.5	PPCA-1	9.50	3.80	1.03	0.400	3.695	9.231	1622.	52.	0.	760.7	30.9	1
1416	0	472	37.7183	89.0120	-515.7	PPCA-1	8.73	1.94	1.68	0.222	1.153	5.188	1672.	31.	1.	760.2	31.0	1
1417	0	472	37.7183	89.0127	-516.0	PPCA-1	8.24	1.80	1.29	0.218	1.400	6.411	1565.	32.	0.	760.2	31.0	1
1418	0	472	37.7183	89.0134	-514.5	PPCA-1	9.57	2.95	1.13	0.308	2.604	8.450	1551.	44.	0.	759.2	30.9	1
1419	0	476	37.7183	89.0141	-514.0	PPCA-1	5.83	4.66	1.15	0.799	4.059	5.080	1454.	48.	0.	759.7	31.0	1
1420	0	480	37.7183	89.0148	-513.5	PPCA-1	7.34	3.55	1.06	0.484	3.362	6.951	1477.	42.	0.	760.2	31.0	1
1421	0	484	37.7183	89.0155	-512.7	PPCA-1	8.23	3.61	1.01	0.438	3.558	8.125	1530.	44.	0.	759.2	31.0	1
1422	0	492	37.7184	89.0162	-513.0	PPCA-1	5.11	3.31	1.13	0.648	2.922	4.511	1416.	45.	0.	760.2	31.0	1
1423	0	496	37.7184	89.0169	-513.2	PPCA-1	5.03	1.68	0.89	0.334	1.896	5.675	1323.	36.	1.	759.7	31.0	1
1424	10	496	37.7184	89.0176	-513.0	PPCA-1	6.97	0.82	1.18	0.0	0.0	5.917	1331.	46.	0.	758.7	31.0	1
1425	0	496	37.7184	89.0184	-510.7	PPCA-1	7.05	3.36	0.73	0.476	4.618	9.698	1321.	49.	0.	760.7	31.0	1
1426	0	492	37.7185	89.0191	-511.7	PPCA-1	9.79	2.34	0.92	0.239	2.534	10.597	1452.	32.	0.	759.7	31.0	1
1427	0	476	37.7185	89.0197	-512.0	PPCA-1	5.97	2.84	1.06	0.476	2.679	5.630	1370.	37.	0.	759.2	31.0	1
1428	0	468	37.7185	89.0204	-510.7	PPCA-1	6.62	2.01	0.92	0.303	2.175	7.180	1337.	43.	1.	760.2	31.0	1
1429	0	464	37.7185	89.0212	-510.2	PPCA-1	5.76	2.60	1.15	0.451	2.258	5.009	1379.	45.	1.	759.2	31.0	1
1430	10	492	37.7185	89.0219	-510.7	PPCA-1	7.94	1.36	1.20	0.0	0.0	6.623	1617.	34.	6.	759.2	30.9	1
1431	0	492	37.7185	89.0226	-509.0	PPCA-1	7.83	3.49	1.12	0.445	3.113	6.994	1597.	44.	4.	759.7	31.0	1

CP9 1P12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1432	0	496	37.7185	89.0233	-509.0	PPCA-1	6.45	1.73	0.96	0.268	1.803	6.735	1498.	42.	7.	759.2	30.9	1
1433	10	500	37.7186	89.0240	-509.5	PPCA-1	8.38	1.59	1.22	0.0	0.0	6.857	1537.	41.	7.	759.7	30.9	1
1434	0	484	37.7186	89.0247	-508.5	PPCA-1	7.30	2.29	0.90	0.313	2.538	8.110	1466.	36.	6.	759.7	30.8	1
1435	10	484	37.7186	89.0254	-506.0	PPCA-1	6.51	1.66	1.25	0.0	0.0	5.212	1531.	40.	9.	759.2	30.8	1
1436	10	492	37.7186	89.0261	-504.5	PPCA-1	7.85	1.69	1.14	0.0	0.0	6.908	1418.	57.	8.	759.7	30.8	1
1437	0	488	37.7186	89.0268	-505.7	PPCA-1	7.80	2.07	1.21	0.265	1.713	6.456	1433.	33.	3.	759.2	30.8	1
1438	0	488	37.7186	89.0275	-506.2	PPCA-1	8.65	2.27	1.27	0.263	1.785	6.794	1601.	41.	0.	759.7	30.8	1
1439	0	492	37.7186	89.0282	-507.0	PPCA-1	6.66	2.90	1.18	0.435	2.461	5.657	1538.	29.	2.	759.7	30.8	1
1440	0	492	37.7186	89.0289	-506.2	PPCA-1	8.67	2.45	1.07	0.282	2.286	8.095	1563.	34.	0.	759.7	30.9	1
1441	0	488	37.7187	89.0296	-506.5	PPCA-1	5.73	3.29	0.85	0.574	3.855	6.711	1403.	37.	1.	759.2	30.9	1
1442	10	472	37.7187	89.0303	-506.7	PPCA-1	7.02	0.52	0.89	0.0	0.0	7.870	1060.	41.	0.	759.2	30.9	1
1443	10	504	37.7187	89.0311	-506.5	PPCA-1	3.71	0.96	0.74	0.0	0.0	5.042	941.	37.	5.	759.7	30.9	1
1444	10	504	37.7187	89.0318	-507.5	PPCA-1	4.90	0.99	0.68	0.0	0.0	7.249	941.	36.	7.	759.2	30.9	1
1445	10	500	37.7187	89.0325	-506.0	PPCA-1	5.10	0.13	0.62	0.0	0.0	8.193	876.	60.	8.	758.7	30.9	1
1446	0	472	37.7187	89.0332	-505.0	PPCA-1	5.01	2.64	0.70	0.527	3.752	7.121	1247.	30.	5.	759.7	30.8	1
1447	0	424	37.7187	89.0339	-505.2	PPCA-1	5.67	1.53	0.76	0.270	2.012	7.460	1223.	32.	7.	759.7	30.9	1
1448	10	412	37.7188	89.0346	-505.5	PPCA-1	5.53	1.02	1.29	0.0	0.0	4.281	1330.	33.	3.	759.2	30.9	1
1449	0	420	37.7188	89.0353	-504.7	PPCA-1	6.45	1.84	0.85	0.285	2.175	7.622	1416.	36.	10.	759.7	30.9	1
1450	0	460	37.7188	89.0360	-505.7	PPCA-1	8.76	2.54	1.21	0.290	2.104	7.263	1561.	42.	6.	760.2	30.9	1
1451	10	456	37.7188	89.0367	-505.7	PPCA-1	6.53	1.43	1.07	0.0	0.0	6.128	1410.	41.	7.	760.2	30.9	1
1452	0	452	37.7188	89.0374	-503.7	PPCA-1	7.02	2.83	1.23	0.403	2.292	5.691	1413.	37.	3.	759.7	30.9	1
1453	0	452	37.7188	89.0381	-501.0	PPCA-1	4.81	2.19	1.08	0.454	2.028	4.464	1329.	41.	4.	759.7	31.0	1
1454	0	456	37.7188	89.0388	-497.5	PPCA-1	6.74	2.16	0.85	0.321	2.555	7.959	1424.	41.	3.	760.2	30.9	1
1455	0	460	37.7189	89.0395	-496.7	PPCA-1	6.94	2.06	0.88	0.297	2.351	7.918	1359.	41.	4.	760.2	30.9	1
1456	10	460	37.7189	89.0402	-497.5	PPCA-1	7.10	0.55	1.17	0.0	0.0	6.066	1369.	46.	3.	759.2	31.0	1
1457	0	464	37.7189	89.0410	-500.0	PPCA-1	5.25	1.56	1.23	0.298	1.270	4.265	1500.	39.	5.	759.7	30.9	1
1458	0	460	37.7189	89.0417	-501.7	PPCA-1	7.51	2.87	0.99	0.383	2.911	7.611	1494.	39.	2.	760.7	30.9	1
1459	0	460	37.7189	89.0424	-503.7	PPCA-1	6.49	2.50	1.21	0.386	2.072	5.367	1631.	47.	1.	760.2	31.0	1
1460	0	464	37.7189	89.0431	-503.7	PPCA-1	9.14	2.54	1.09	0.278	2.338	8.413	1578.	43.	5.	760.7	31.0	1
1461	0	464	37.7189	89.0438	-502.2	PPCA-1	5.53	1.82	1.20	0.329	1.510	4.592	1487.	53.	6.	760.7	31.0	1
1462	0	468	37.7190	89.0445	-499.0	PPCA-1	6.23	2.05	1.16	0.328	1.758	5.353	1396.	38.	2.	759.7	31.0	1
1463	0	472	37.7190	89.0451	-484.0	PPCA-1	8.75	2.86	0.79	0.327	3.629	11.092	1420.	39.	3.	760.7	31.0	1
1464	10	472	37.7190	89.0459	-464.2	PPCA-1	7.22	1.47	0.80	0.0	0.0	9.073	1278.	50.	6.	760.7	31.0	1
1465	10	472	37.7190	89.0466	-461.5	PPCA-1	6.53	1.42	0.93	0.0	0.0	6.993	1351.	42.	6.	759.2	31.0	1
1466	0	468	37.7191	89.0473	-476.5	PPCA-1	4.00	3.47	1.00	0.867	3.470	4.002	1364.	51.	1.	759.7	31.0	1
1467	0	472	37.7191	89.0480	-490.7	PPCA-1	6.95	2.93	1.10	0.422	2.665	6.314	1448.	43.	0.	761.2	31.0	1
1468	0	464	37.7191	89.0487	-498.0	PPCA-1	7.56	3.12	0.96	0.412	3.241	7.861	1475.	39.	0.	761.2	30.9	1
1469	0	472	37.7191	89.0494	-500.5	PPCA-1	5.30	3.35	1.19	0.631	2.806	4.445	1496.	35.	0.	760.2	31.0	1
1470	0	472	37.7191	89.0502	-499.2	PPCA-1	6.16	2.72	1.07	0.442	2.534	5.734	1460.	55.	1.	759.2	30.9	1
1471	0	468	37.7191	89.0509	-499.0	PPCA-1	7.71	2.35	1.03	0.304	2.275	7.475	1371.	47.	1.	760.2	30.9	1
1472	10	444	37.7191	89.0515	-500.0	PPCA-1	5.72	1.37	0.96	0.0	0.0	5.955	1291.	32.	8.	761.2	30.9	1
1473	10	420	37.7192	89.0522	-498.2	PPCA-1	7.68	0.87	0.98	0.0	0.0	7.864	1242.	39.	5.	760.2	30.9	1
1474	10	424	37.7192	89.0530	-496.7	PPCA-1	4.54	1.29	0.97	0.0	0.0	4.678	1231.	44.	9.	759.7	30.9	1
1475	10	440	37.7192	89.0537	-497.5	PPCA-1	5.80	0.50	1.02	0.0	0.0	5.680	1231.	38.	13.	760.7	30.9	1
1476	0	472	37.7192	89.0543	-498.5	PPCA-1	5.72	1.90	1.03	0.332	1.836	5.537	1294.	46.	11.	760.7	30.9	1
1477	10	476	37.7192	89.0551	-496.2	PPCA-1	6.55	0.56	1.02	0.0	0.0	6.438	1338.	44.	13.	760.7	30.9	1
1478	10	472	37.7192	89.0558	-496.7	PPCA-1	7.71	0.68	1.13	0.0	0.0	6.837	1450.	44.	12.	760.7	30.9	1
1479	0	472	37.7192	89.0565	-496.5	PPCA-1	7.37	2.99	0.97	0.406	3.083	7.593	1469.	44.	10.	760.2	30.9	1
1480	0	460	37.7192	89.0572	-496.0	PPCA-1	5.79	3.72	1.04	0.643	3.591	5.587	1449.	29.	8.	760.2	30.9	1
1481	0	460	37.7192	89.0579	-496.0	PPCA-1	5.95	2.99	1.11	0.503	2.703	5.370	1469.	41.	11.	760.2	30.9	1
1482	0	480	37.7192	89.0586	-495.5	PPCA-1	5.85	2.46	1.18	0.420	2.081	4.950	1552.	35.	10.	760.2	30.9	1
1483	0	488	37.7192	89.0592	-496.0	PPCA-1	7.91	2.99	0.88	0.378	3.383	8.956	1513.	39.	8.	759.7	30.9	1
1484	0	500	37.7192	89.0600	-496.2	PPCA-1	9.37	2.07	0.92	0.221	2.238	10.137	1407.	51.	7.	759.7	30.9	1

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TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1485	0	512	37.7192	89.0606	-496.0	PPCA-1	5.18	2.24	0.87	0.432	2.558	5.924	1342.	32.	6.	759.7	30.9	1
1486	0	516	37.7192	89.0614	-495.7	PPCA-1	6.31	2.12	0.65	0.335	3.275	9.761	1179.	40.	8.	759.7	30.9	1
1487	0	516	37.7192	89.0621	-496.0	PPCA-1	3.49	1.70	0.62	0.487	2.758	5.658	1051.	39.	8.	759.7	30.9	1
1488	10	496	37.7192	89.0627	-495.0	PPCA-1	6.70	1.27	0.79	0.0	0.0	8.432	1142.	53.	5.	759.7	30.8	1
1489	0	480	37.7192	89.0634	-495.5	PPCA-1	3.98	1.69	0.98	0.425	1.731	4.078	1109.	37.	6.	759.7	30.8	1
1490	10	516	37.7192	89.0641	-497.2	PPCA-1	6.08	0.57	0.88	0.0	0.0	6.894	1033.	37.	4.	758.7	30.8	1
1491	0	520	37.7192	89.0648	-497.2	PPCA-1	3.86	1.88	0.37	0.486	5.063	10.421	841.	31.	1.	759.7	30.8	1
1492	10	520	37.7192	89.0655	-496.7	PPAB	1.88	0.91	0.27	0.0	0.0	7.018	529.	35.	5.	759.7	30.8	1
1493	11	520	37.7192	89.0662	-495.5	PPAB	1.83	0.01	0.11	0.0	0.0	0.0	282.	46.	2.	759.7	30.8	1
1494	11	516	37.7192	89.0669	-496.2	PPAB	1.31	0.69	-0.00	0.0	0.0	0.0	270.	17.	2.	759.7	30.7	1
1495	111	516	37.7192	89.0676	-496.5	PPAB	0.08	0.43	-0.08	0.0	0.0	0.0	117.	45.	4.	759.7	30.7	1
1496	111	512	37.7192	89.0683	-497.5	PPAB	1.05	-0.32	0.03	0.0	0.0	0.0	61.	43.	2.	758.7	30.7	1
1497	111	512	37.7192	89.0690	-496.7	PPAB	0.35	0.31	-0.05	0.0	0.0	0.0	47.	42.	2.	759.7	30.7	1
1498	111	512	37.7191	89.0697	-496.7	PPAB	0.69	-0.78	0.05	0.0	0.0	0.0	107.	34.	4.	759.7	30.6	1
1499	111	512	37.7191	89.0704	-497.2	PPAB	-0.02	-0.23	0.05	0.0	0.0	0.0	49.	38.	4.	759.7	30.7	1
1500	111	512	37.7191	89.0710	-497.2	PPAB	-0.01	-0.62	0.05	0.0	0.0	0.0	24.	45.	6.	759.7	30.6	1
1501	111	508	37.7191	89.0717	-496.0	PPAB	-0.07	0.80	-0.04	0.0	0.0	0.0	43.	31.	0.	759.7	30.7	1
1502	111	508	37.7191	89.0724	-497.0	PPAB	0.41	-1.07	0.08	0.0	0.0	0.0	57.	32.	6.	759.7	30.6	1
1503	111	504	37.7191	89.0731	-498.5	PPAB	0.17	-0.64	-0.00	0.0	0.0	0.0	9.	44.	5.	759.7	30.6	1
1504	111	504	37.7191	89.0739	-497.2	PPAB	0.46	0.42	0.03	0.0	0.0	0.0	106.	30.	3.	759.7	30.6	1
1505	111	504	37.7191	89.0745	-495.7	PPAB	-0.06	0.08	-0.01	0.0	0.0	0.0	47.	31.	6.	759.7	30.6	1
1506	111	504	37.7191	89.0752	-495.7	PPAB	0.40	-0.35	0.09	0.0	0.0	0.0	69.	35.	3.	759.7	30.6	1
1507	111	504	37.7191	89.0759	-496.5	PPAB	0.78	-0.28	0.00	0.0	0.0	0.0	75.	35.	4.	759.7	30.6	1
1508	111	504	37.7191	89.0766	-496.5	PPAB	-0.05	0.54	0.10	0.0	0.0	0.0	-11.	43.	0.	759.7	30.6	1
1509	111	504	37.7190	89.0773	-496.5	PPAB	-0.05	0.27	0.08	0.0	0.0	0.0	64.	44.	3.	759.7	30.6	1
1510	111	504	37.7190	89.0780	-497.2	PPAB	0.39	0.37	-0.07	0.0	0.0	0.0	90.	33.	3.	759.7	30.7	1
1511	111	504	37.7190	89.0787	-497.5	PPAB	-0.00	-0.50	0.12	0.0	0.0	0.0	56.	37.	6.	759.7	30.6	1
1512	111	500	37.7190	89.0794	-497.7	PPAB	0.19	-0.24	-0.05	0.0	0.0	0.0	45.	31.	7.	760.2	30.5	1
1513	111	500	37.7190	89.0800	-498.5	PPAB	-0.02	-0.05	0.03	0.0	0.0	0.0	104.	30.	2.	760.2	30.6	1
1514	111	500	37.7190	89.0807	-497.7	PPAB	-0.02	-0.23	-0.02	0.0	0.0	0.0	47.	40.	4.	759.2	30.8	1
1515	111	500	37.7190	89.0814	-497.0	PPAB	0.68	0.43	0.01	0.0	0.0	0.0	61.	32.	2.	760.2	30.8	1
1516	111	500	37.7190	89.0822	-498.7	PPAB	0.00	-0.06	0.00	0.0	0.0	0.0	33.	41.	0.	760.2	30.8	1
1517	111	500	37.7190	89.0829	-499.2	PPAB	0.56	-0.24	0.08	0.0	0.0	0.0	63.	29.	0.	760.2	30.8	1
1518	111	496	37.7190	89.0835	-500.0	PPAB	-0.03	0.36	0.05	0.0	0.0	0.0	86.	40.	0.	760.2	30.8	1
1519	111	492	37.7190	89.0842	-499.7	PPAB	-0.01	0.14	-0.01	0.0	0.0	0.0	46.	42.	0.	759.7	30.8	1
1520	111	488	37.7190	89.0849	-499.5	PPAB	-0.03	0.44	0.07	0.0	0.0	0.0	35.	44.	0.	760.2	30.8	1
1521	111	484	37.7190	89.0856	-499.2	PPAB	0.00	-0.02	0.05	0.0	0.0	0.0	63.	33.	0.	761.2	30.8	1
1522	111	480	37.7190	89.0863	-499.5	PPAB	-0.06	0.80	-0.06	0.0	0.0	0.0	16.	36.	0.	760.2	30.8	1
1523	111	476	37.7190	89.0870	-499.2	PPAB	-0.06	0.62	0.04	0.0	0.0	0.0	47.	33.	2.	759.7	30.9	1
1524	111	476	37.7189	89.0877	-499.0	PPAB	-0.01	0.44	-0.05	0.0	0.0	0.0	15.	40.	1.	760.7	30.9	1
1525	101	476	37.7189	89.0883	-499.2	PPAB	-0.11	1.41	-0.12	0.0	0.0	0.0	42.	42.	0.	760.7	30.9	1
1526	111	480	37.7189	89.0890	-500.5	PPAB	-0.03	0.23	0.02	0.0	0.0	0.0	36.	35.	1.	760.7	30.9	1
1527	111	484	37.7189	89.0898	-501.0	PPAB	0.02	-0.40	0.02	0.0	0.0	0.0	14.	33.	1.	761.2	30.9	1
1528	111	488	37.7189	89.0905	-501.0	PPAB	-0.05	0.21	-0.02	0.0	0.0	0.0	35.	32.	3.	761.2	30.8	1
1529	111	492	37.7189	89.0912	-501.5	PPAB	-0.05	0.70	-0.06	0.0	0.0	0.0	29.	39.	0.	761.2	30.9	1
1530	111	496	37.7189	89.0919	-503.0	PPAB	0.94	0.07	0.00	0.0	0.0	0.0	75.	38.	4.	760.2	30.8	1
1531	111	500	37.7189	89.0925	-503.0	PPAB	0.08	-0.09	-0.03	0.0	0.0	0.0	57.	43.	6.	760.2	30.8	1
1532	111	500	37.7189	89.0932	-502.2	PPAB	0.75	-0.85	0.10	0.0	0.0	0.0	98.	28.	5.	760.2	30.8	1
1533	111	504	37.7189	89.0939	-502.7	PPAB	0.86	-1.20	0.01	0.0	0.0	0.0	31.	44.	7.	760.2	30.9	1
1534	111	504	37.7189	89.0946	-503.2	PPAB	0.33	0.60	-0.07	0.0	0.0	0.0	20.	48.	3.	760.2	30.9	1
1535	111	504	37.7189	89.0953	-503.2	PPAB	0.25	0.17	0.04	0.0	0.0	0.0	62.	29.	2.	760.2	30.9	1
1536	111	504	37.7189	89.0960	-503.0	PPAB	0.35	-1.02	0.02	0.0	0.0	0.0	11.	42.	5.	760.2	30.8	1
1537	111	504	37.7189	89.0967	-503.5	PPAB	0.76	0.55	-0.03	0.0	0.0	0.0	33.	32.	0.	759.7	30.9	1

CP9 1P12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1538	111	504	37.7188	89.0973	-505.2	PPAB	0.32	0.59	-0.03	0.0	0.0	0.0	78.	34.	3.	759.7	30.8	1
1539	111	504	37.7188	89.0981	-505.7	PPAB	0.17	0.12	0.07	0.0	0.0	0.0	69.	43.	2.	760.2	30.9	1
1540	111	504	37.7188	89.0988	-507.0	PPAB	0.46	1.07	0.01	0.0	0.0	0.0	129.	35.	3.	760.2	30.9	1
1541	111	504	37.7188	89.0994	-506.5	PPAB	-0.03	0.24	0.04	0.0	0.0	0.0	105.	40.	2.	759.7	30.9	1
1542	111	500	37.7188	89.1002	-506.0	PPAB	0.99	0.53	0.12	0.0	0.0	0.0	201.	38.	2.	760.7	30.9	1
1543	10	496	37.7188	89.1008	-507.7	PPAB	1.76	0.10	0.25	0.0	0.0	6.956	323.	40.	2.	760.7	30.9	1
1544	10	492	37.7188	89.1015	-509.7	PPAB	3.90	0.14	0.30	0.0	0.0	13.121	498.	30.	3.	759.7	30.9	1
1545	0	488	37.7188	89.1022	-509.0	PPAB	1.96	2.92	0.32	1.489	9.226	6.197	511.	39.	0.	759.7	30.8	1
1546	0	480	37.7188	89.1029	-507.7	PPAB	1.47	1.22	0.35	0.829	3.467	4.184	495.	33.	3.	760.2	30.9	1
1547	10	488	37.7188	89.1037	-509.5	PPAB	1.42	-0.20	0.25	0.0	0.0	5.588	395.	52.	4.	760.2	30.9	1
1548	110	488	37.7188	89.1043	-510.7	PPAB	0.90	0.05	0.32	0.0	0.0	0.0	224.	51.	0.	760.2	30.9	1
1549	110	492	37.7188	89.1050	-511.0	PPAB	-0.10	0.87	0.21	0.0	0.0	0.0	182.	38.	3.	760.7	30.9	1
1550	111	492	37.7188	89.1057	-510.7	PPAB	0.98	-0.53	0.09	0.0	0.0	0.0	133.	38.	6.	760.7	30.8	1
1551	11	492	37.7188	89.1064	-511.5	PPAB	1.48	0.49	0.02	0.0	0.0	0.0	176.	28.	3.	760.7	30.9	1
1552	111	488	37.7188	89.1071	-512.2	PPAB	0.49	1.03	-0.05	0.0	0.0	0.0	184.	33.	3.	760.7	30.9	1
1553	111	488	37.7188	89.1078	-512.7	PPAB	0.20	-0.44	-0.01	0.0	0.0	0.0	90.	41.	8.	760.7	30.9	1
1554	111	484	37.7188	89.1085	-514.2	PPAB	0.45	0.19	0.15	0.0	0.0	0.0	227.	29.	8.	760.7	30.9	1
1555	11	484	37.7187	89.1091	-515.2	PPAB	1.77	0.17	0.13	0.0	0.0	0.0	325.	35.	7.	760.7	30.9	1
1556	0	480	37.7187	89.1098	-514.0	PPAB	2.08	1.75	0.34	0.843	5.162	6.120	578.	35.	5.	760.7	31.0	1
1557	10	472	37.7187	89.1106	-515.2	PPS	3.88	0.70	0.52	0.0	0.0	7.517	965.	40.	11.	760.7	31.4	1
1558	0	456	37.7187	89.1112	-516.5	PPS	4.35	2.55	0.90	0.587	2.851	4.860	1151.	39.	3.	760.7	31.6	1
1559	0	432	37.7187	89.1120	-516.5	PPS	5.14	2.15	0.69	0.418	3.092	7.401	1131.	36.	5.	760.7	31.4	1
1560	0	436	37.7187	89.1126	-516.2	PPS	4.25	2.34	0.63	0.550	3.703	6.730	1199.	37.	6.	760.7	31.1	1
1561	0	440	37.7187	89.1133	-517.5	PPS	5.78	2.52	0.79	0.437	3.211	7.354	1206.	29.	4.	760.7	30.9	1
1562	10	444	37.7187	89.1140	-518.2	PPAB	4.15	0.16	0.89	0.0	0.0	4.680	955.	42.	4.	761.2	31.0	1
1563	10	484	37.7187	89.1147	-518.2	PPAB	4.60	-0.19	0.69	0.0	0.0	6.632	811.	48.	8.	759.7	31.0	1
1564	0	484	37.7187	89.1154	-518.5	PPAB	2.35	1.41	0.50	0.598	2.828	4.729	656.	37.	2.	760.2	31.0	1
1565	10	488	37.7187	89.1161	-520.7	PPAB	3.00	0.59	0.56	0.0	0.0	5.311	791.	34.	3.	760.7	31.0	1
1566	0	468	37.7187	89.1168	-521.2	PPS	4.67	2.80	0.59	0.599	4.755	7.938	951.	51.	4.	759.7	30.9	1
1567	0	492	37.7186	89.1174	-520.7	PPS	5.42	2.03	0.77	0.374	2.646	7.068	1089.	42.	3.	759.7	31.1	1
1568	10	484	37.7186	89.1181	-522.7	PPS	6.14	0.04	1.12	0.0	0.0	5.492	1270.	37.	8.	759.7	31.4	1
1569	0	480	37.7186	89.1189	-523.7	PPS	5.68	3.17	0.80	0.559	3.975	7.116	1268.	48.	2.	760.7	31.1	1
1570	10	496	37.7186	89.1196	-523.7	PPS	6.94	-0.77	0.90	0.0	0.0	7.693	1208.	39.	10.	761.8	30.9	1
1571	10	500	37.7186	89.1203	-523.2	PPS	6.22	0.94	0.68	0.0	0.0	9.144	1128.	33.	7.	759.7	31.0	1
1572	10	500	37.7186	89.1209	-526.0	PPS	3.34	1.06	0.65	0.0	0.0	5.118	902.	57.	6.	759.2	31.0	1
1573	0	504	37.7186	89.1216	-526.2	PPS	1.87	1.98	0.42	1.059	4.685	4.425	694.	48.	5.	760.2	31.1	1
1574	10	508	37.7186	89.1223	-527.0	PPS	1.67	1.04	0.45	0.0	0.0	3.718	545.	42.	2.	759.7	31.0	1
1575	10	508	37.7186	89.1230	-528.0	PPAB	2.93	0.20	0.17	0.0	0.0	17.417	373.	34.	2.	759.2	31.0	1
1576	11	508	37.7186	89.1237	-528.2	PPAB	3.26	0.46	0.13	0.0	0.0	0.0	401.	44.	0.	759.7	31.0	1
1577	10	512	37.7186	89.1244	-528.5	PPAB	2.41	1.18	0.25	0.0	0.0	9.616	466.	34.	0.	759.7	31.1	1
1578	0	512	37.7186	89.1251	-529.7	PPAB	2.30	1.69	0.46	0.733	3.668	5.003	528.	48.	0.	759.7	31.0	1
1579	0	508	37.7186	89.1257	-531.0	PPAB	1.53	2.05	0.35	1.340	5.845	4.362	532.	35.	0.	759.7	31.0	1
1580	0	500	37.7186	89.1265	-530.7	PPAB	3.60	2.31	0.37	0.642	6.155	9.589	666.	35.	0.	760.2	31.0	1
1581	10	464	37.7186	89.1272	-531.2	PPAB	3.43	0.33	0.47	0.0	0.0	7.481	549.	43.	0.	760.7	31.0	1
1582	10	488	37.7186	89.1279	-532.2	PPAB	2.79	0.90	0.31	0.0	0.0	8.075	414.	41.	0.	760.2	31.0	1
1583	10	488	37.7186	89.1286	-533.5	PPAB	1.37	0.70	0.19	0.0	0.0	7.157	375.	32.	2.	760.2	31.0	1
1584	11	484	37.7186	89.1292	-532.7	PPAB	1.88	-0.06	0.15	0.0	0.0	0.0	245.	31.	7.	760.7	31.0	1
1585	111	484	37.7186	89.1300	-533.0	PPAB	0.60	0.09	0.14	0.0	0.0	0.0	248.	31.	5.	760.2	31.0	1
1586	111	480	37.7185	89.1306	-534.2	PPAB	0.57	-0.69	0.12	0.0	0.0	0.0	179.	41.	4.	759.2	31.0	1
1587	11	480	37.7185	89.1313	-535.7	PPAB	1.27	-1.31	0.10	0.0	0.0	0.0	187.	36.	11.	759.7	31.1	1
1588	111	480	37.7185	89.1320	-535.5	PPAB	0.29	-0.95	0.11	0.0	0.0	0.0	134.	38.	10.	760.7	31.0	1
1589	111	476	37.7185	89.1327	-535.5	PPAB	0.32	-0.75	0.13	0.0	0.0	0.0	105.	37.	8.	760.2	31.0	1
1590	111	476	37.7185	89.1334	-536.0	PPAB	-0.04	-0.57	-0.00	0.0	0.0	0.0	106.	29.	9.	759.7	31.0	1

CP9 IP12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1591	110	480	37.7185	89.1340	-537.0	PPAB	0.40	-0.65	0.18	0.0	0.0	0.0	111.	33.	9.	760.2	31.0	1
1592	111	480	37.7185	89.1348	-537.5	PPAB	-0.01	-1.06	0.08	0.0	0.0	0.0	122.	49.	10.	760.7	30.9	1
1593	110	476	37.7185	89.1355	-538.2	PPAB	0.23	-0.65	0.26	0.0	0.0	0.0	257.	53.	12.	760.7	31.0	1
1594	10	476	37.7185	89.1362	-539.5	PPAB	1.78	-0.37	0.18	0.0	0.0	9.733	370.	43.	7.	760.2	31.0	1
1595	10	476	37.7185	89.1369	-540.0	PPAB	3.61	-0.30	0.18	0.0	0.0	19.730	386.	31.	10.	760.7	31.0	1
1596	111	476	37.7184	89.1375	-541.2	PPAB	0.69	1.03	0.03	0.0	0.0	0.0	313.	32.	8.	761.2	30.9	1
1597	11	480	37.7184	89.1382	-541.7	PPAB	1.79	1.18	0.13	0.0	0.0	0.0	237.	36.	4.	760.7	30.9	1
1598	101	480	37.7184	89.1389	-542.0	PPAB	0.92	1.53	0.03	0.0	0.0	0.0	215.	33.	4.	761.2	30.9	1
1599	10	480	37.7184	89.1396	-543.0	PPAB	1.90	-1.64	0.37	0.0	0.0	5.171	296.	30.	8.	760.7	30.9	1
1600	10	480	37.7184	89.1403	-543.7	PPAB	1.60	-0.33	0.21	0.0	0.0	7.449	291.	40.	6.	760.2	30.8	1
1601	111	480	37.7184	89.1410	-544.2	PPAB	0.40	0.43	0.05	0.0	0.0	0.0	210.	46.	4.	760.7	30.9	1
1602	110	480	37.7184	89.1417	-545.2	PPAB	0.03	-1.17	0.23	0.0	0.0	0.0	154.	40.	7.	760.2	30.9	1
1603	11	480	37.7184	89.1424	-544.7	PPAB	1.24	-0.67	0.04	0.0	0.0	0.0	141.	25.	4.	760.7	31.0	1
1604	111	484	37.7184	89.1431	-545.7	PPAB	-0.03	-0.37	-0.03	0.0	0.0	0.0	45.	37.	6.	760.2	31.0	1
1605	111	488	37.7184	89.1438	-547.5	PPAB	-0.06	0.34	0.01	0.0	0.0	0.0	68.	38.	3.	759.7	31.0	1
1606	111	496	37.7184	89.1445	-547.5	PPAB	-0.03	-0.04	-0.03	0.0	0.0	0.0	43.	47.	4.	760.2	31.0	1
1607	111	496	37.7184	89.1452	-547.7	PPAB	-0.06	0.23	-0.06	0.0	0.0	0.0	51.	38.	4.	760.7	31.0	1
1608	111	500	37.7184	89.1459	-549.5	PPAB	0.13	0.35	-0.01	0.0	0.0	0.0	68.	35.	3.	759.7	31.0	1
1609	111	504	37.7184	89.1465	-550.2	PPAB	0.09	0.77	0.03	0.0	0.0	0.0	36.	43.	0.	759.2	31.0	1
1610	110	504	37.7184	89.1473	-550.7	PPAB	0.45	-0.95	0.17	0.0	0.0	0.0	65.	39.	3.	759.7	30.9	1
1611	111	508	37.7184	89.1479	-551.0	PPAB	0.80	0.28	-0.04	0.0	0.0	0.0	111.	43.	6.	760.2	30.9	1
1612	11	504	37.7184	89.1487	-552.0	QAL	1.72	1.00	0.12	0.0	0.0	0.0	255.	31.	4.	759.7	31.0	1
1613	10	500	37.7183	89.1494	-551.7	QAL	1.66	0.50	0.36	0.0	0.0	4.624	454.	44.	6.	759.7	31.0	1
1614	10	500	37.7183	89.1501	-552.0	QAL	4.57	0.07	0.74	0.0	0.0	6.206	811.	28.	5.	759.7	30.9	1
1615	0	492	37.7183	89.1507	-553.0	QAL	5.45	1.91	0.68	0.351	2.796	7.959	1018.	40.	1.	760.2	30.9	1
1616	10	460	37.7183	89.1514	-556.7	QAL	4.60	1.24	0.98	0.0	0.0	4.707	1108.	37.	1.	760.2	31.0	1
1617	0	472	37.7183	89.1521	-556.5	QAL	6.19	2.42	1.06	0.392	2.287	5.837	1262.	42.	2.	759.7	30.9	1
1618	0	464	37.7183	89.1528	-556.7	QAL	5.64	1.75	1.02	0.310	1.712	5.522	1218.	43.	3.	760.2	30.9	1
1619	0	500	37.7183	89.1535	-558.5	QAL	5.04	1.60	0.97	0.317	1.646	5.191	1308.	39.	5.	760.2	30.9	1
1620	10	508	37.7183	89.1542	-559.7	QAL	7.07	0.62	1.30	0.0	0.0	5.446	1349.	41.	7.	760.7	30.9	1
1621	10	468	37.7183	89.1548	-559.5	QAL	7.60	1.44	0.75	0.0	0.0	10.083	1245.	37.	5.	760.7	31.0	1
1622	10	448	37.7183	89.1556	-560.7	QAL	7.81	0.66	0.82	0.0	0.0	9.554	1170.	33.	3.	760.2	30.9	1
1623	10	448	37.7183	89.1562	-561.5	QAL	5.94	0.68	1.10	0.0	0.0	5.399	1132.	54.	7.	760.7	31.0	1
1624	10	460	37.7183	89.1570	-563.0	QAL	7.60	1.40	1.05	0.0	0.0	7.225	1344.	35.	8.	761.2	31.0	1
1625	0	500	37.7182	89.1577	-564.0	QAL	7.26	2.02	0.93	0.277	2.160	7.786	1416.	31.	10.	760.7	31.0	1
1626	0	512	37.7182	89.1584	-566.0	QAL	5.62	3.02	1.11	0.538	2.719	5.051	1489.	48.	8.	760.2	31.0	1
1627	10	512	37.7182	89.1590	-565.7	QAL	5.07	1.14	1.47	0.0	0.0	3.458	1542.	49.	8.	760.2	31.0	1
1628	0	512	37.7182	89.1597	-566.0	QAL	8.51	2.60	1.05	0.306	2.488	8.140	1603.	26.	8.	760.7	31.0	1
1629	10	508	37.7182	89.1604	-568.0	QAL	8.27	1.15	1.16	0.0	0.0	7.156	1560.	33.	7.	760.2	31.0	1
1630	0	508	37.7182	89.1611	-569.5	QAL	6.12	4.63	0.92	0.756	5.058	6.688	1600.	35.	3.	760.2	31.0	1
1631	0	508	37.7182	89.1618	-570.0	QAL	6.18	1.88	1.39	0.304	1.347	4.434	1627.	36.	5.	760.7	31.0	1
1632	0	508	37.7182	89.1625	-570.0	QAL	7.60	2.12	1.03	0.279	2.065	7.406	1544.	43.	4.	760.7	31.0	1
1633	10	508	37.7182	89.1632	-571.7	QAL	8.05	1.09	1.26	0.0	0.0	6.390	1541.	54.	3.	760.2	31.0	1
1634	0	512	37.7182	89.1639	-572.7	QAL	7.19	1.83	1.13	0.254	1.620	6.375	1526.	45.	1.	760.2	31.0	1
1635	10	468	37.7181	89.1646	-573.5	QAL	6.39	1.33	1.25	0.0	0.0	5.130	1380.	46.	1.	761.2	31.0	1
1636	10	460	37.7181	89.1653	-574.0	QAL	6.81	1.20	1.21	0.0	0.0	5.619	1390.	35.	3.	760.2	31.0	1
1637	0	468	37.7181	89.1659	-576.0	QAL	7.54	1.71	1.26	0.226	1.356	5.995	1318.	44.	1.	759.2	30.9	1
1638	10	476	37.7181	89.1667	-578.2	QAL	7.46	1.35	1.09	0.0	0.0	6.836	1410.	34.	3.	760.2	31.1	1
1639	0	484	37.7181	89.1673	-579.0	QAL	7.35	1.70	1.06	0.231	1.605	6.938	1341.	47.	4.	760.2	31.8	1
1640	0	488	37.7181	89.1680	-580.7	QAL	5.03	2.23	1.11	0.443	2.012	4.539	1346.	45.	4.	759.7	32.2	1
1641	0	500	37.7181	89.1687	-582.5	QAL	7.46	2.62	0.95	0.351	2.752	7.836	1414.	33.	2.	759.7	31.9	1
1642	10	536	37.7181	89.1694	-582.5	QAL	7.37	1.62	0.90	0.0	0.0	8.150	1377.	53.	3.	759.7	31.1	1
1643	10	536	37.7181	89.1701	-583.7	QAL	7.75	0.63	1.27	0.0	0.0	6.122	1442.	30.	3.	759.7	30.9	1

CP9 IP 12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1644	10	536	37.7181	89.1708	-584.7		QAL	8.64	0.87	1.25	0.0	0.0	6.931	1444.	39.	6.	759.2	31.0	1
1645	0	492	37.7181	89.1715	-585.2		QAL	6.98	2.21	1.11	0.316	1.993	6.307	1296.	46.	1.	760.7	30.8	1
1646	0	472	37.7181	89.1722	-587.7		QAL	6.76	4.64	0.81	0.686	5.725	8.343	1434.	41.	0.	761.8	31.0	1
1647	10	484	37.7181	89.1729	-589.5		QAL	6.03	1.22	1.44	0.0	0.0	4.202	1445.	44.	6.	759.7	31.9	1
1648	0	452	37.7181	89.1736	-590.2		QAL	6.87	1.76	1.15	0.257	1.537	5.984	1422.	40.	3.	759.2	32.1	1
1649	0	448	37.7181	89.1743	-592.7		QAL	6.19	2.22	1.12	0.358	1.981	5.529	1368.	29.	3.	760.2	31.9	1
1650	0	432	37.7181	89.1750	-594.2		PPS	5.86	3.31	0.92	0.565	3.585	6.350	1304.	43.	1.	759.7	31.9	1
1651	0	424	37.7181	89.1756	-594.2		PPS	6.52	3.45	0.85	0.528	4.047	7.658	1351.	43.	0.	760.2	32.0	1
1652	0	428	37.7180	89.1763	-595.0		PPS	7.35	1.56	1.06	0.213	1.482	6.966	1308.	33.	1.	760.2	32.0	1
1653	0	440	37.7180	89.1770	-597.5		PPS	6.62	2.35	1.16	0.354	2.019	5.698	1442.	32.	1.	760.2	32.1	1
1654	0	484	37.7180	89.1777	-600.0		PPS	7.53	3.22	0.79	0.427	4.070	9.530	1439.	35.	2.	760.7	31.9	1
1655	0	488	37.7180	89.1785	-600.0		PPS	6.93	2.15	1.47	0.310	1.456	4.702	1550.	39.	3.	759.7	31.4	1
1656	0	488	37.7180	89.1791	-600.5		PPS	6.53	2.94	1.10	0.450	2.679	5.957	1353.	38.	4.	759.7	31.1	1
1657	0	492	37.7180	89.1798	-601.5		PPS	7.77	2.02	0.97	0.260	2.080	7.991	1419.	41.	4.	761.8	31.1	1
1658	0	496	37.7180	89.1805	-603.2		PPS	6.23	3.41	1.20	0.548	2.846	5.195	1459.	44.	0.	759.7	31.1	1
1659	0	500	37.7180	89.1812	-605.2		PPS	4.84	3.64	0.88	0.752	4.133.	5.500	1395.	38.	2.	758.7	31.1	1
1660	0	500	37.7180	89.1819	-606.2		PPS	8.23	1.94	0.88	0.236	2.203	9.338	1403.	51.	1.	760.2	31.1	1
1661	0	496	37.7180	89.1826	-609.0		PPS	6.99	1.98	1.04	0.283	1.899	6.699	1327.	36.	2.	759.2	31.1	1
1662	0	496	37.7180	89.1833	-612.0		PPS	3.80	3.91	0.72	1.031	5.458	5.294	1283.	34.	0.	759.2	31.2	1
1663	0	500	37.7180	89.1839	-613.5		PPS	6.46	2.76	0.65	0.427	4.251	9.965	1412.	30.	3.	761.2	31.2	1
1664	0	508	37.7179	89.1846	-617.5		PPS	6.45	3.26	0.97	0.505	3.363	6.661	1322.	47.	1.	759.2	31.2	1
1665	0	512	37.7179	89.1854	-618.2		PPS	5.98	2.96	1.34	0.495	2.203	4.453	1449.	36.	1.	759.2	31.2	1
1666	0	512	37.7179	89.1861	-619.2		PPS	7.09	2.97	1.44	0.419	2.065	4.932	1475.	34.	0.	760.2	31.3	1
1667	0	508	37.7179	89.1868	-621.5		PPS	8.54	1.60	1.19	0.188	1.341	7.151	1557.	34.	0.	759.2	31.1	1
1668	0	504	37.7179	89.1875	-623.0		PPS	6.85	3.39	1.23	0.495	2.755	5.566	1576.	41.	0.	759.7	31.1	1
1669	0	504	37.7179	89.1882	-624.0		PPS	6.01	3.02	1.07	0.503	2.836	5.642	1521.	55.	0.	760.7	31.2	1
1670	0	504	37.7178	89.1889	-624.7		PPS	7.32	3.55	0.88	0.485	4.046	8.335	1500.	37.	0.	760.2	31.0	1
1671	0	488	37.7178	89.1897	-622.5		PPS	5.62	1.46	0.99	0.261	1.472	5.650	1386.	39.	0.	759.2	31.3	1
1672	0	488	37.7178	89.1904	-622.2		PPS	6.20	3.23	0.99	0.522	3.270	6.268	1397.	31.	0.	759.2	31.8	1
1673	0	492	37.7178	89.1910	-624.7		PPS	5.95	2.60	0.98	0.437	2.662	6.097	1249.	46.	0.	760.7	31.4	1
1674	0	488	37.7178	89.1917	-625.0		PPS	5.23	3.91	0.99	0.748	3.960	5.295	1263.	47.	0.	759.7	31.0	1
1675	10	496	37.7178	89.1925	-627.0		PPS	7.50	0.76	1.12	0.0	0.0	6.680	1338.	39.	0.	759.2	31.2	1
1676	0	496	37.7178	89.1932	-630.2		PPS	5.37	3.40	0.91	0.634	3.750	5.915	1308.	37.	0.	760.2	31.2	1
1677	0	492	37.7178	89.1938	-635.2		PPS	4.69	4.32	0.89	0.922	4.873	5.283	1346.	37.	1.	759.7	31.1	1
1678	0	488	37.7178	89.1946	-638.7		PPS	5.47	3.54	1.12	0.648	3.171	4.896	1541.	31.	8.	760.2	31.1	1
1679	10	480	37.7178	89.1953	-641.2		PPS	6.63	1.50	1.10	0.0	0.0	6.010	1450.	42.	5.	760.2	31.2	1
1680	10	468	37.7178	89.1960	-644.7		PPS	7.63	1.30	1.15	0.0	0.0	6.610	1457.	44.	6.	759.2	31.2	1
1681	0	456	37.7178	89.1967	-646.5		PPS	6.68	2.66	1.21	0.398	2.198	5.527	1459.	50.	5.	760.7	31.2	1
1682	0	456	37.7178	89.1974	-646.0		PPS	7.18	2.32	1.12	0.323	2.074	6.423	1378.	47.	6.	761.2	31.3	1
1683	0	456	37.7177	89.1981	-647.2		PPS	5.49	3.27	1.38	0.596	2.365	3.968	1478.	39.	0.	759.7	31.2	1
1684	0	464	37.7177	89.1989	-652.7		PPS	5.30	3.69	1.01	0.696	3.660	5.259	1375.	43.	5.	759.7	31.1	1
1685	0	464	37.7177	89.1996	-655.5		PPS	7.60	1.64	1.20	0.216	1.368	6.343	1429.	44.	0.	760.2	31.1	1
1686	0	468	37.7177	89.2003	-659.0		PPS	7.29	2.91	1.09	0.399	2.664	6.670	1472.	46.	1.	760.7	31.1	1
1687	10	472	37.7177	89.2009	-659.5		PPS	8.39	0.05	1.04	0.0	0.0	8.048	1265.	36.	4.	760.7	31.2	1
1688	10	468	37.7177	89.2016	-659.5		PPS	5.97	0.84	1.15	0.0	0.0	5.196	1219.	47.	1.	759.7	31.0	1
1689	10	472	37.7177	89.2023	-660.7		PPS	6.62	0.90	0.67	0.0	0.0	9.877	1143.	33.	0.	760.7	31.1	1
1690	0	464	37.7177	89.2031	-662.5		PPS	4.48	3.14	0.78	0.701	4.046	5.776	1198.	35.	2.	760.2	31.1	1
1691	0	468	37.7177	89.2038	-664.7		QAL	5.06	1.98	0.94	0.391	2.099	5.363	1202.	32.	5.	759.2	31.1	1
1692	0	468	37.7177	89.2045	-664.0		QAL	3.52	1.70	1.09	0.482	1.549	3.214	1153.	36.	5.	760.2	31.1	1
1693	10	492	37.7177	89.2052	-667.5		QAL	5.86	0.06	0.87	0.0	0.0	6.700	1132.	43.	6.	758.7	31.2	1
1694	0	512	37.7177	89.2059	-679.0		QAL	4.61	2.50	0.88	0.541	2.852	5.268	1207.	31.	3.	759.2	31.1	1
1695	10	540	37.7177	89.2066	-685.0		QAL	4.28	0.94	0.91	0.0	0.0	4.682	1125.	46.	5.	760.2	31.1	1
1696	0	544	37.7176	89.2073	-688.5		QAL	5.25	2.32	1.03	0.442	2.249	5.091	1234.	33.	3.	759.2	31.0	1

CP9 1P12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1697	0	548	37.7176	89.2080	-688.5	QAL	6.64	1.93	0.89	0.291	2.164	7.440	1314.	36.	4.	759.2	31.0	1
1698	10	544	37.7176	89.2087	-669.2	PPS	6.76	1.25	1.10	0.0	0.0	6.125	1299.	43.	9.	758.7	31.0	1
1699	10	552	37.7176	89.2095	-655.7	PPS	4.99	1.23	1.52	0.0	0.0	3.279	1367.	38.	8.	758.1	30.9	1
1700	0	548	37.7176	89.2101	-668.5	PPS	6.33	1.91	1.22	0.301	1.562	5.186	1354.	36.	7.	759.7	30.9	1
1701	10	536	37.7176	89.2108	-671.0	PPS	6.34	0.42	1.38	0.0	0.0	4.601	1324.	41.	8.	759.2	31.0	1
1702	0	524	37.7175	89.2115	-649.2	PPS	4.31	2.08	0.93	0.483	2.231	4.619	1106.	46.	6.	758.7	31.0	1
1703	0	528	37.7175	89.2123	-644.7	PPS	4.19	2.87	0.57	0.685	5.050	7.376	1128.	36.	6.	758.1	31.0	1
1704	0	548	37.7175	89.2130	-664.5	PPS	4.41	2.34	0.74	0.530	3.169	5.980	1081.	44.	7.	758.1	31.0	1
1705	0	544	37.7175	89.2137	-687.5	PPS	4.07	2.29	1.09	0.562	2.098	3.735	1130.	47.	5.	759.2	31.0	1
1706	0	548	37.7175	89.2144	-701.7	PPS	3.97	4.03	0.69	1.016	5.888	5.796	1090.	35.	1.	758.7	30.9	1
1707	0	540	37.7175	89.2151	-704.0	PPS	5.85	2.71	0.64	0.463	4.206	9.075	1086.	33.	2.	758.1	30.9	1
1708	0	512	37.7175	89.2158	-703.5	PPS	4.24	3.12	0.50	0.735	6.255	8.507	1016.	38.	6.	757.6	30.9	1
1709	10	484	37.7175	89.2166	-705.2	PPS	3.57	0.09	0.93	0.0	0.0	3.842	1094.	36.	8.	757.6	31.0	1
1710	0	520	37.7175	89.2172	-711.2	PPS	2.47	4.26	0.70	1.727	6.108	3.536	1110.	39.	4.	758.7	31.0	1
1711	10	528	37.7175	89.2179	-716.5	PPS	5.45	0.58	0.73	0.0	0.0	7.479	1163.	39.	8.	759.2	30.9	1
1712	10	540	37.7175	89.2186	-711.5	PPS	5.03	0.82	1.01	0.0	0.0	4.995	1203.	41.	6.	757.6	30.9	1
1713	0	512	37.7174	89.2193	-701.2	PPS	5.66	1.71	0.68	0.302	2.507	8.298	1150.	30.	3.	758.1	30.9	1
1714	10	508	37.7174	89.2200	-704.2	PPS	6.22	1.01	1.16	0.0	0.0	5.366	1199.	48.	2.	758.1	30.9	1
1715	0	520	37.7174	89.2207	-720.5	PPS	4.53	2.24	0.97	0.495	2.303	4.656	1195.	45.	1.	758.1	30.9	1
1716	10	520	37.7174	89.2215	-736.0	PPS	4.28	1.23	1.07	0.0	0.0	3.989	1223.	50.	5.	758.7	30.9	1
1717	0	516	37.7174	89.2222	-743.5	PPS	5.42	3.82	1.10	0.704	3.469	4.925	1283.	34.	0.	759.2	30.9	1
1718	0	520	37.7174	89.2229	-740.2	PPS	6.20	2.01	0.84	0.325	2.396	7.369	1266.	40.	0.	758.7	30.9	1
1719	0	516	37.7174	89.2235	-736.0	PPS	3.21	2.76	0.92	0.861	3.008	3.494	1123.	51.	3.	758.7	30.9	1
1720	0	516	37.7174	89.2242	-734.2	PPS	4.34	4.80	0.78	1.106	6.172	5.579	1206.	37.	1.	759.2	30.8	1
1721	0	512	37.7174	89.2250	-733.7	PPS	3.50	4.18	0.97	1.196	4.318	3.609	1270.	36.	3.	759.2	30.8	1
1722	10	508	37.7173	89.2257	-731.0	PPS	5.27	0.36	0.99	0.0	0.0	5.299	1247.	45.	3.	758.7	30.9	1
1723	10	500	37.7173	89.2264	-728.7	PPS	6.37	1.34	1.00	0.0	0.0	6.370	1262.	37.	2.	758.1	30.8	1
1724	0	492	37.7173	89.2271	-726.5	PPS	5.05	1.95	0.83	0.385	2.349	6.095	1192.	44.	3.	758.1	30.8	1
1725	0	488	37.7173	89.2278	-726.0	PPS	4.21	2.86	0.85	0.679	3.379	4.974	1330.	33.	6.	758.1	30.9	1
1726	10	488	37.7173	89.2285	-727.0	PPS	7.64	1.24	0.74	0.0	0.0	10.266	1273.	33.	4.	758.7	30.9	1
1727	0	488	37.7173	89.2292	-727.2	PPS	7.03	1.72	1.15	0.245	1.494	6.110	1198.	41.	4.	758.7	30.9	1
1728	0	484	37.7172	89.2299	-727.5	PPS	5.14	1.57	1.08	0.305	1.453	4.759	1242.	60.	4.	759.2	30.9	1
1729	0	484	37.7172	89.2307	-728.5	PPS	7.09	2.03	0.85	0.287	2.399	8.361	1335.	43.	0.	759.2	30.9	1
1730	0	484	37.7172	89.2314	-730.0	PPS	6.77	4.45	0.78	0.658	5.698	8.661	1392.	34.	0.	759.2	30.9	1
1731	0	488	37.7172	89.2321	-731.0	PPS	5.16	2.66	0.85	0.516	3.148	6.098	1258.	31.	6.	759.2	31.0	1
1732	10	484	37.7172	89.2328	-731.7	PPS	6.61	1.21	1.11	0.0	0.0	5.972	1341.	32.	2.	759.2	30.9	1
1733	0	488	37.7172	89.2334	-732.7	PPS	7.92	2.55	1.09	0.322	2.346	7.295	1288.	50.	0.	759.2	30.9	1
1734	10	480	37.7172	89.2341	-733.2	PPS	4.86	1.17	1.10	0.0	0.0	4.410	1258.	40.	7.	759.2	30.9	1
1735	0	480	37.7172	89.2349	-734.0	PPS	6.63	1.96	1.08	0.297	1.821	6.142	1358.	41.	0.	759.2	30.9	1
1736	0	480	37.7172	89.2356	-735.0	PPS	5.35	2.95	0.84	0.551	3.494	6.339	1223.	52.	4.	758.7	30.8	1
1737	0	484	37.7172	89.2363	-736.5	PPS	6.47	2.89	1.02	0.447	2.822	6.319	1261.	39.	2.	758.1	30.9	1
1738	0	488	37.7172	89.2370	-738.2	PPS	3.86	2.23	1.12	0.578	1.996	3.451	1276.	51.	5.	759.2	30.8	1
1739	0	492	37.7172	89.2377	-740.5	PPAB	6.89	2.45	0.97	0.355	2.524	7.108	1372.	35.	0.	759.2	30.9	1
1740	0	492	37.7172	89.2384	-742.7	PPAB	7.13	2.19	1.03	0.308	2.128	6.917	1476.	32.	1.	758.1	31.0	1
1741	0	500	37.7171	89.2392	-743.7	PPAB	5.81	2.29	0.86	0.394	2.655	6.743	1326.	52.	0.	759.7	31.0	1
1742	0	508	37.7171	89.2398	-745.0	PPAB	6.32	2.02	1.16	0.319	1.741	5.460	1386.	35.	0.	759.2	31.0	1
1743	0	520	37.7171	89.2405	-747.5	PPAB	7.66	3.65	1.02	0.476	3.582	7.526	1415.	49.	0.	758.1	31.0	1
1744	10	528	37.7171	89.2412	-748.5	PPAB	7.67	0.83	1.29	0.0	0.0	5.935	1455.	36.	0.	759.2	30.9	1
1745	10	536	37.7171	89.2420	-748.5	QAL	8.05	1.40	0.84	0.0	0.0	9.619	1341.	47.	1.	759.2	31.0	1
1746	0	540	37.7171	89.2427	-750.7	QAL	6.35	3.01	1.13	0.474	2.677	5.642	1438.	57.	1.	758.7	31.0	1
1747	0	548	37.7171	89.2433	-753.2	QAL	6.79	2.18	1.38	0.320	1.582	4.940	1525.	34.	0.	758.7	30.9	1
1748	0	548	37.7170	89.2441	-756.0	QAL	7.10	2.82	1.19	0.397	2.365	5.953	1507.	48.	2.	757.6	30.9	1
1749	0	548	37.7170	89.2448	-756.2	QAL	3.85	2.24	1.40	0.583	1.606	2.752	1460.	31.	4.	758.7	30.9	1

CP9 IP12

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1750	10	544	37.7170	89.2455	-758.0	QAL	5.20	1.49	1.22	0.0	0.0	4.257	1485.	41.	8.	758.7	30.9	1
1751	0	544	37.7170	89.2462	-757.7	QAL	5.97	3.19	1.06	0.535	3.019	5.641	1496.	44.	2.	758.1	31.0	1
1752	10	544	37.7170	89.2469	-758.7	QAL	7.15	1.48	1.25	0.0	0.0	5.698	1463.	27.	3.	759.7	31.0	1
1753	0	536	37.7170	89.2476	-760.7	PPAB	5.83	2.92	1.32	0.501	2.210	4.415	1434.	39.	3.	758.7	31.0	1
1754	0	536	37.7170	89.2484	-763.7	PPAB	7.97	4.12	0.99	0.517	4.145	8.017	1530.	37.	0.	757.6	30.9	1
1755	0	540	37.7170	89.2491	-765.7	PPAB	7.37	2.08	1.29	0.282	1.619	5.732	1464.	48.	1.	759.7	30.9	1
1756	0	540	37.7170	89.2497	-766.5	PPAB	7.71	2.24	1.05	0.291	2.128	7.320	1457.	44.	0.	758.7	30.9	1
1757	0	532	37.7170	89.2504	-766.7	PPAB	7.81	2.11	1.15	0.270	1.844	6.817	1544.	46.	0.	758.7	30.9	1
1758	0	540	37.7170	89.2511	-770.0	PPAB	4.91	3.81	1.44	0.776	2.637	3.400	1553.	48.	0.	759.7	31.0	1
1759	0	544	37.7170	89.2518	-772.5	PPAB	7.26	3.77	1.11	0.519	3.406	6.561	1617.	33.	0.	757.6	31.1	1
1760	0	552	37.7170	89.2525	-774.2	PPAB	6.64	2.86	1.22	0.431	2.338	5.427	1536.	45.	0.	758.7	31.1	1
1761	0	548	37.7169	89.2533	-772.5	PPAB	10.32	3.13	1.04	0.303	2.999	9.884	1588.	40.	1.	759.2	31.1	1
1762	0	540	37.7169	89.2540	-772.5	PPAB	7.56	2.50	1.04	0.330	2.401	7.271	1487.	44.	5.	757.1	31.0	1
1763	10	536	37.7169	89.2547	-774.0	PPAB	10.47	1.66	1.16	0.0	0.0	8.993	1583.	29.	5.	758.1	31.0	1
1764	0	540	37.7169	89.2554	-775.0	PPAB	7.71	3.37	1.24	0.437	2.715	6.216	1534.	34.	10.	758.7	30.9	1
1765	10	540	37.7169	89.2560	-777.5	PPAB	7.63	0.10	1.27	0.0	0.0	5.996	1563.	45.	15.	757.6	30.9	1
1766	0	536	37.7169	89.2568	-779.0	PPAB	5.61	3.66	1.25	0.652	2.929	4.490	1574.	44.	11.	758.7	30.8	1
1767	10	532	37.7168	89.2575	-779.5	PPAB	9.50	1.57	1.24	0.0	0.0	7.663	1682.	36.	9.	758.7	30.8	1
1768	0	520	37.7168	89.2582	-780.2	PPAB	8.34	2.69	1.24	0.323	2.176	6.742	1601.	37.	5.	757.6	30.8	1
1769	0	512	37.7168	89.2589	-782.5	PPAB	7.07	1.92	1.32	0.271	1.457	5.375	1606.	34.	4.	759.2	30.8	1
1770	0	504	37.7168	89.2596	-783.2	PPAB	7.81	3.98	1.24	0.510	3.217	6.303	1644.	31.	2.	758.7	30.8	1
1771	0	500	37.7168	89.2603	-784.5	PPAB	7.53	3.44	1.16	0.457	2.970	6.497	1496.	45.	0.	758.7	30.8	1
1772	0	496	37.7168	89.2610	-785.7	PPAB	6.73	2.53	1.00	0.376	2.518	6.696	1600.	40.	2.	759.7	30.8	1
1773	0	488	37.7168	89.2618	-788.0	PPAB	9.25	2.35	1.17	0.254	2.011	7.907	1621.	41.	3.	758.7	30.8	1
1774	0	484	37.7168	89.2624	-788.7	PPAB	8.38	2.79	0.97	0.333	2.862	8.598	1575.	49.	1.	758.7	30.8	1
1775	10	476	37.7168	89.2632	-788.7	PPAB	7.61	1.52	1.17	0.0	0.0	6.521	1526.	41.	4.	759.7	30.8	1
1776	0	468	37.7168	89.2639	-789.5	PPAB	5.03	4.75	1.30	0.943	3.653	3.872	1599.	41.	1.	758.7	30.8	1
1777	0	468	37.7168	89.2646	-789.2	PPAB	8.33	2.54	1.04	0.287	2.448	8.517	1691.	30.	0.	759.7	30.8	1
1778	0	464	37.7168	89.2653	-787.7	PPAB	8.80	3.48	1.22	0.396	2.848	7.195	1672.	32.	0.	759.7	30.8	1
1779	0	460	37.7167	89.2660	-783.0	PPAB	8.42	3.05	1.16	0.362	2.628	7.253	1658.	41.	0.	758.7	30.8	1
1780	0	468	37.7167	89.2667	-784.0	PPAB	6.57	2.24	1.41	0.341	1.592	4.668	1634.	38.	4.	759.7	30.8	1
1781	0	472	37.7167	89.2674	-791.2	PPAB	6.57	2.97	1.27	0.452	2.332	5.158	1620.	31.	5.	758.7	30.8	1
1782	0	472	37.7167	89.2681	-796.2	PPAB	8.01	3.30	1.74	0.412	1.889	4.589	1763.	46.	4.	758.7	30.8	1
1783	0	468	37.7167	89.2688	-797.2	PPAB	9.92	2.06	1.21	0.208	1.711	8.222	1631.	43.	6.	759.7	30.8	1
1784	0	464	37.7167	89.2695	-798.2	PPAB	7.27	4.93	1.14	0.679	4.342	6.398	1682.	41.	7.	758.7	30.7	1
1785	10	468	37.7167	89.2702	-798.2	PPAB	6.45	0.46	1.40	0.0	0.0	4.606	1680.	38.	13.	758.7	30.8	1
1786	10	472	37.7166	89.2710	-799.7	PPAB	10.75	1.68	1.38	0.0	0.0	7.806	1808.	38.	11.	759.7	30.7	1
1787	10	464	37.7166	89.2717	-801.5	PPAB	9.33	0.78	1.24	0.0	0.0	7.546	1671.	37.	13.	758.7	30.7	1
1788	0	468	37.7166	89.2724	-803.0	PPAB	9.22	2.56	1.29	0.277	1.981	7.145	1738.	30.	9.	758.7	30.7	1
1789	10	476	37.7166	89.2730	-803.7	PPAB	10.15	1.37	1.37	0.0	0.0	7.383	1639.	43.	7.	759.7	30.8	1
1790	10	480	37.7166	89.2738	-804.2	PPAB	10.27	1.72	1.17	0.0	0.0	8.779	1663.	46.	6.	757.6	30.8	1
1791	0	472	37.7166	89.2745	-804.5	PPAB	7.23	2.03	1.33	0.281	1.524	5.419	1692.	40.	8.	758.7	30.8	1
1792	0	468	37.7166	89.2752	-804.0	PPAB	7.18	2.84	1.00	0.396	2.833	7.148	1660.	41.	6.	759.7	30.8	1
1793	10	476	37.7166	89.2759	-805.0	PPAB	10.26	0.86	1.14	0.0	0.0	9.033	1638.	38.	9.	757.6	30.8	1
1794	0	480	37.7166	89.2766	-807.5	PPAB	6.87	4.21	1.21	0.613	3.465	5.653	1694.	32.	6.	758.7	30.8	1
1795	10	464	37.7166	89.2773	-807.2	PPAB	8.51	1.27	1.35	0.0	0.0	6.293	1672.	41.	7.	759.7	30.8	1
1796	0	464	37.7166	89.2780	-807.5	PPAB	6.51	2.10	1.15	0.323	1.822	5.643	1583.	41.	10.	758.7	30.8	1
1797	10	468	37.7166	89.2787	-810.0	PPAB	10.79	1.54	1.19	0.0	0.0	9.063	1639.	37.	6.	758.7	30.8	1
1798	0	464	37.7166	89.2794	-810.2	PPAB	5.68	3.02	1.39	0.532	2.168	4.079	1693.	46.	5.	759.7	30.8	1
1799	0	464	37.7165	89.2802	-812.0	PPAB	8.09	2.66	1.23	0.329	2.157	6.564	1615.	35.	5.	758.1	30.9	1
1800	0	476	37.7165	89.2809	-812.5	PPAB	7.66	2.67	1.18	0.349	2.259	6.477	1571.	47.	6.	758.1	30.9	1
1801	0	488	37.7165	89.2816	-812.5	PPAB	8.94	3.23	1.43	0.361	2.259	6.258	1615.	31.	0.	759.7	31.0	1
1802	0	484	37.7165	89.2822	-813.0	PPAB	7.55	1.64	1.16	0.217	1.420	6.538	1534.	32.	3.	758.7	30.9	1

CP9 1P12

TAGS			LOCATION			REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1803	10	472	37.7165	89.2829	-814.0	PPAB	6.53	1.15	1.39	0.0	0.0	4.709	1467.	42.	3.	757.6	30.9	1
1804	0	472	37.7165	89.2837	-815.2	PPAB	7.01	3.94	0.91	0.562	4.309	7.661	1472.	39.	0.	758.7	30.9	1
1805	0	460	37.7165	89.2844	-816.2	PPAB	5.39	2.27	1.31	0.420	1.728	4.113	1465.	44.	0.	758.7	30.9	1
1806	0	488	37.7164	89.2851	-816.7	PPAB	6.36	4.61	1.05	0.725	4.370	6.031	1557.	46.	1.	757.6	30.8	1
1807	0	484	37.7164	89.2858	-817.7	PPAB	6.08	2.54	1.25	0.417	2.024	4.858	1444.	49.	3.	759.7	30.8	1
1808	10	488	37.7164	89.2865	-818.2	PPAB	7.21	0.98	1.39	0.0	0.0	5.204	1491.	52.	2.	759.7	30.8	1
1809	0	500	37.7164	89.2872	-818.7	PPAB	5.81	3.88	1.23	0.668	3.150	4.718	1458.	44.	2.	758.7	30.8	1
1810	0	464	37.7164	89.2879	-819.2	PPAB	5.03	3.69	0.93	0.733	3.949	5.384	1391.	36.	5.	760.2	30.8	1
1811	0	460	37.7164	89.2886	-822.0	PPAB	6.30	2.24	0.9[illegible]	0.356	2.357	6.627	1363.	36.	5.	759.2	30.8	1
1812	10	456	37.7164	89.2893	-823.5	PPAB	6.69	0.20	1.06	0.0	0.0	6.327	1319.	57.	7.	758.1	31.2	1
1813	0	456	37.7164	89.2901	-826.0	PPAB	5.86	1.97	0.96	0.336	2.048	6.099	1298.	62.	9.	759.7	31.7	1
1814	10	460	37.7164	89.2907	-826.2	QAL	5.94	1.13	1.29	0.0	0.0	4.611	1385.	37.	5.	758.7	31.6	1
1815	0	476	37.7164	89.2915	-827.0	QAL	6.58	2.55	1.31	0.387	1.940	5.015	1396.	36.	1.	757.1	31.8	1
1816	0	532	37.7163	89.2921	-826.7	QAL	5.97	3.43	1.11	0.574	3.084	5.369	1458.	44.	5.	759.2	31.7	1
1817	0	540	37.7163	89.2928	-828.0	QAL	5.14	4.84	1.17	0.941	4.140	4.402	1469.	45.	0.	759.2	31.0	1
1818	0	540	37.7163	89.2936	-828.5	QAL	8.18	2.29	1.13	0.280	2.025	7.228	1503.	43.	3.	758.7	30.8	1
1819	0	528	37.7163	89.2943	-829.2	PPAB	6.16	4.13	1.01	0.669	4.077	6.093	1538.	36.	4.	760.2	30.9	1
1820	10	516	37.7163	89.2950	-830.7	PPAB	6.20	1.46	1.30	0.0	0.0	4.757	1481.	42.	4.	759.2	31.2	1
1821	0	492	37.7163	89.2957	-833.0	PPAB	7.13	2.02	1.24	0.284	1.630	5.737	1551.	47.	3.	758.1	31.6	1
1822	0	484	37.7163	89.2964	-831.5	PPAB	5.11	3.30	1.21	0.646	2.724	4.220	1486.	32.	0.	758.7	31.2	1
1823	10	496	37.7163	89.2971	-833.5	PPAB	7.66	[illegible]2	1.27	0.0	0.0	6.042	1469.	47.	7.	757.6	30.9	1
1824	0	504	37.7163	89.2979	-835.2	PPAB	7.05	2.09	1.17	0.296	1.785	6.030	1586.	43.	8.	758.7	31.0	1
1825	0	508	37.7162	89.2985	-835.5	PPAB	7.88	2.82	1.30	0.358	2.177	6.083	1595.	35.	5.	760.2	30.9	1
1826	10	508	37.7162	89.2992	-837.2	PPAB	8.71	1.19	1.19	0.0	0.0	7.321	1590.	41.	6.	758.1	30.9	1
1827	0	492	37.7162	89.2999	-837.5	PPAB	6.68	1.90	1.45	0.284	1.311	4.619	1557.	36.	7.	758.1	30.9	1
1828	0	480	37.7162	89.3007	-838.2	PPAB	8.32	2.92	1.25	0.350	2.336	6.669	1575.	45.	4.	759.7	30.8	1
1829	0	480	37.7162	89.3014	-839.2	PPAB	7.03	1.80	1.56	0.256	1.157	4.511	1562.	40.	0.	758.7	30.9	1
1830	0	492	37.7162	89.3020	-839.2	PPAB	5.03	3.11	1.26	0.619	2.464	3.980	1578.	36.	2.	757.6	30.9	1
1831	0	484	37.7162	89.3028	-840.2	PPAB	9.10	3.09	1.39	0.339	2.217	6.536	1598.	29.	0.	759.7	30.9	1
1832	0	484	37.7161	89.3035	-842.7	PPAB	5.72	4.00	1.25	0.700	3.203	4.576	1493.	37.	0.	760.2	30.9	1
1833	0	484	37.7161	89.3042	-842.7	QAL	7.83	1.84	1.28	0.235	1.435	6.099	1444.	42.	0.	758.1	31.0	1
1834	0	480	37.7161	89.3049	-842.2	QAL	4.52	2.68	1.62	0.591	1.648	2.787	1497.	34.	1.	758.1	30.9	1
1835	0	464	37.7161	89.3056	-845.7	QAL	4.80	3.80	0.99	0.791	3.830	4.842	1268.	44.	0.	760.2	31.0	1
1836	0	448	37.7161	89.3063	-845.5	QAL	5.20	1.85	1.12	0.357	1.649	4.622	1229.	41.	0.	759.2	30.9	1
1837	10	492	37.7161	89.3071	-845.0	QAL	4.69	0.18	1.04	0.0	0.0	4.491	1155.	54.	2.	758.1	30.9	1
1838	0	504	37.7160	89.3077	-846.0	PPAB	6.14	2.43	1.42	0.396	1.717	4.338	1422.	38.	1.	759.7	30.8	1
1839	0	436	37.7160	89.3084	-848.0	PPAB	5.39	2.53	1.06	0.470	2.386	5.074	1276.	49.	1.	759.7	30.8	1
1840	0	432	37.7160	89.3091	-849.0	PPAB	7.33	2.50	1.13	0.341	2.212	6.479	1395.	34.	0.	758.7	30.8	1
1841	10	432	37.7160	89.3098	-849.2	PPAB	7.84	1.30	1.00	0.0	0.0	7.857	1402.	42.	1.	759.7	30.8	1
1842	0	444	37.7160	89.3105	-849.7	PPAB	6.07	2.54	0.96	0.419	2.639	6.297	1545.	41.	1.	760.7	30.9	1
1843	0	448	37.7160	89.3113	-850.7	PPAB	7.30	2.57	1.31	0.352	1.962	5.567	1577.	35.	0.	758.7	30.8	1
1844	0	448	37.7160	89.3120	-851.5	PPAB	7.91	2.58	1.21	0.326	2.139	6.557	1616.	35.	1.	758.7	30.8	1
1845	0	452	37.7160	89.3127	-851.2	PPAB	6.51	1.43	1.40	0.219	1.018	4.648	1618.	40.	1.	760.7	30.8	1
1846	0	456	37.7160	89.3134	-852.5	PPAB	7.90	2.55	1.31	0.323	1.941	6.011	1644.	44.	3.	759.7	30.8	1
1847	0	460	37.7160	89.3141	-854.2	PPAB	5.53	3.37	1.47	0.609	2.296	3.769	1564.	47.	1.	759.2	30.8	1
1848	0	480	37.7160	89.3147	-854.5	PPAB	5.93	2.20	1.47	0.370	1.495	4.041	1631.	47.	0.	760.2	30.8	1
1849	0	464	37.7160	89.3155	-855.2	PPAB	8.10	1.58	1.53	0.195	1.032	5.295	1715.	45.	2.	759.2	30.9	1
1850	0	456	37.7160	89.3162	-855.0	PPAB	8.69	4.10	1.13	0.471	3.633	7.709	1698.	39.	0.	758.1	30.9	1
1851	0	456	37.7159	89.3169	-854.0	PPAB	8.02	1.61	1.43	0.201	1.128	5.605	1678.	36.	2.	759.7	31.0	1
1852	0	460	37.7159	89.3176	-857.0	PPAB	7.52	2.61	1.31	0.347	1.993	5.750	1663.	25.	3.	759.7	31.0	1
1853	10	464	37.7159	89.3183	-858.0	PPAB	7.75	1.38	1.30	0.0	0.0	5.958	1613.	39.	1.	758.7	31.0	1
1854	10	468	37.7159	89.3190	-858.0	PPAB	9.06	1.38	1.61	0.0	0.0	5.630	1778.	39.	4.	758.7	31.0	1
1855	0	472	37.7159	89.3197	-858.7	PPAB	7.42	2.76	1.36	0.372	2.024	5.447	1718.	50.	3.	759.7	31.1	1

CP9 1P12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1856	0	472	37.7159	89.3205	-859.2	PPAB	7.45	2.90	1.57	0.389	1.851	4.759	1697.	43.	5.	758.7	31.0	1
1857	10	460	37.7159	89.3211	-859.2	PPAB	6.06	1.36	1.53	0.0	0.0	3.948	1544.	39.	8.	758.7	31.0	1
1858	0	464	37.7158	89.3219	-860.7	PPAB	6.33	2.09	1.41	0.330	1.486	4.497	1565.	43.	8.	759.7	31.0	1
1859	0	456	37.7158	89.3225	-861.7	PPAB	7.03	2.57	1.12	0.365	2.300	6.307	1539.	37.	11.	758.7	31.0	1
1860	10	424	37.7158	89.3232	-861.7	PPAB	7.95	1.23	1.13	0.0	0.0	7.064	1455.	43.	7.	757.6	30.9	1
1861	0	460	37.7158	89.3239	-863.0	PPAB	8.25	1.64	1.02	0.199	1.603	8.051	1511.	27.	7.	758.7	30.8	1
1862	0	456	37.7158	89.3246	-863.5	PPAB	7.16	4.56	1.01	0.638	4.526	7.097	1589.	46.	3.	759.7	30.8	1
1863	0	448	37.7158	89.3252	-865.0	PPAB	8.28	2.57	1.38	0.311	1.863	5.996	1710.	28.	4.	758.7	30.8	1
1864	0	444	37.7158	89.3260	-864.7	PPAB	7.04	2.18	1.35	0.310	1.615	5.214	1666.	33.	1.	757.6	30.8	1
1865	0	436	37.7158	89.3266	-865.5	PPAB	5.27	3.02	1.48	0.574	2.044	3.564	1634.	38.	3.	758.7	30.8	1
1866	0	424	37.7158	89.3273	-867.7	PPAB	9.75	3.00	1.30	0.308	2.314	7.512	1836.	40.	0.	759.7	30.8	1
1867	0	420	37.7158	89.3280	-868.2	PPAB	8.02	2.91	1.43	0.363	2.033	5.601	1653.	43.	0.	758.7	30.8	1
1868	0	416	37.7158	89.3287	-869.0	PPAB	8.12	3.54	1.20	0.437	2.965	6.793	1715.	37.	0.	757.6	30.7	1
1869	10	424	37.7158	89.3293	-870.5	PPAB	10.46	0.95	1.39	0.0	0.0	7.525	1699.	43.	1.	758.7	30.8	1
1870	0	412	37.7157	89.3301	-870.2	PPAB	7.97	1.73	1.56	0.217	1.111	5.122	1701.	35.	3.	759.2	30.7	1
1871	0	412	37.7157	89.3307	-869.0	PPAB	7.70	4.18	1.25	0.543	3.337	6.151	1656.	26.	2.	758.1	30.8	1
1872	0	416	37.7157	89.3315	-869.7	PPAB	6.29	2.66	1.40	0.422	1.904	4.508	1683.	42.	3.	758.1	30.8	1
1873	0	420	37.7157	89.3321	-871.0	PPAB	6.38	3.17	1.14	0.497	2.782	5.599	1616.	46.	3.	759.2	30.8	1
1874	0	424	37.7157	89.3328	-871.2	PPAB	11.30	2.66	1.24	0.235	2.145	9.127	1674.	40.	0.	759.7	30.8	1
1875	0	432	37.7157	89.3335	-873.7	PPAB	8.04	2.13	1.31	0.266	1.629	6.133	1606.	26.	4.	758.7	30.8	1
1876	0	432	37.7157	89.3342	-875.0	PPAB	7.80	1.56	1.15	0.200	1.356	6.794	1587.	26.	4.	757.6	30.8	1
1877	10	440	37.7156	89.3349	-875.5	PPAB	7.09	0.65	1.39	0.0	0.0	5.108	1548.	57.	6.	758.7	30.8	1
1878	0	436	37.7156	89.3356	-876.2	PPAB	7.00	3.04	0.89	0.435	3.413	7.852	1433.	54.	1.	758.7	30.8	1
1879	0	444	37.7156	89.3362	-876.5	PPAB	6.74	1.53	1.42	0.226	1.074	4.747	1476.	43.	6.	758.7	30.8	1
1880	0	448	37.7156	89.3369	-877.7	PPAB	5.07	2.62	0.93	0.517	2.808	5.432	1482.	31.	6.	757.6	30.8	1
1881	10	448	37.7156	89.3376	-878.2	PPAB	6.87	1.06	1.27	0.0	0.0	5.405	1467.	43.	7.	756.6	30.8	1
1882	0	436	37.7156	89.3383	-878.2	PPAB	7.05	2.68	1.19	0.380	2.245	5.912	1431.	44.	7.	758.7	30.8	1
1883	0	436	37.7155	89.3390	-877.5	PPAB	6.78	2.85	1.14	0.420	2.489	5.928	1494.	39.	5.	759.7	30.8	1
1884	0	396	37.7155	89.3397	-877.0	PPAB	5.81	2.07	1.02	0.357	2.039	5.714	1313.	48.	8.	758.7	30.8	1
1885	0	404	37.7155	89.3403	-878.2	PPAB	5.48	1.91	0.91	0.349	2.098	6.016	1230.	46.	5.	758.7	30.8	1
1886	0	424	37.7155	89.3411	-881.0	PPAB	6.30	1.64	1.00	0.260	1.637	6.305	1359.	38.	5.	758.7	30.8	1
1887	10	436	37.7155	89.3417	-883.0	PPAB	5.75	1.22	1.27	0.0	0.0	4.541	1358.	34.	4.	758.7	30.9	1
1888	10	452	37.7155	89.3424	-883.2	PPAB	5.89	0.90	1.22	0.0	0.0	4.814	1297.	44.	6.	759.7	30.9	1
1889	0	456	37.7155	89.3431	-883.0	PPAB	4.94	3.18	0.78	0.644	4.073	6.327	1301.	43.	6.	759.7	30.9	1
1890	10	456	37.7155	89.3438	-882.7	PPAB	6.18	1.36	1.13	0.0	0.0	5.474	1368.	44.	3.	758.7	30.8	1
1891	10	444	37.7155	89.3445	-885.5	PPAB	6.99	0.77	1.03	0.0	0.0	6.788	1269.	43.	8.	758.7	30.8	1
1892	10	420	37.7155	89.3452	-885.5	PPAB	4.35	1.00	1.24	0.0	0.0	3.505	1391.	32.	7.	758.7	30.8	1
1893	10	388	37.7155	89.3458	-887.0	PPAB	7.11	1.12	0.87	0.0	0.0	8.164	1387.	33.	4.	759.7	30.8	1
1894	0	396	37.7155	89.3465	-887.7	PPAB	6.08	2.27	1.01	0.373	2.244	6.014	1333.	37.	4.	759.7	30.7	1
1895	0	420	37.7155	89.3472	-886.7	PPAB	6.00	3.89	1.07	0.648	3.641	5.621	1430.	39.	2.	758.7	30.8	1
1896	0	436	37.7154	89.3479	-886.5	PPAB	7.99	2.16	1.08	0.270	1.991	7.373	1538.	38.	3.	758.7	30.8	1
1897	10	460	37.7154	89.3486	-887.2	PPAB	5.86	1.12	1.59	0.0	0.0	3.678	1585.	39.	7.	759.7	30.8	1
1898	0	460	37.7154	89.3493	-888.0	PPAB	8.33	2.08	1.49	0.250	1.400	5.593	1682.	50.	4.	759.7	30.8	1
1899	10	412	37.7154	89.3499	-888.7	PPAB	6.34	1.11	1.37	0.0	0.0	4.620	1548.	49.	6.	758.7	30.8	1
1900	0	392	37.7154	89.3507	-890.2	PPAB	6.23	1.76	1.44	0.283	1.225	4.327	1578.	45.	3.	757.6	30.8	1
1901	0	404	37.7154	89.3513	-891.7	PPAB	6.15	2.61	1.35	0.424	1.935	4.558	1688.	39.	2.	758.7	30.9	1
1902	0	416	37.7153	89.3521	-892.5	PPAB	6.23	2.64	1.37	0.425	1.929	4.545	1675.	39.	2.	759.7	30.8	1
1903	0	400	37.7153	89.3527	-892.2	PPAB	8.61	2.80	1.02	0.325	2.733	8.415	1690.	33.	2.	758.7	30.9	1
1904	0	376	37.7153	89.3534	-893.7	PPAB	6.78	2.21	1.35	0.327	1.644	5.033	1568.	39.	3.	758.7	30.8	1
1905	0	352	37.7153	89.3541	-893.7	PPAB	6.70	1.59	1.11	0.238	1.429	6.015	1479.	39.	3.	758.7	30.8	1
1906	0	360	37.7153	89.3548	-894.2	PPAB	6.87	2.68	1.21	0.390	2.208	5.666	1499.	48.	1.	759.7	30.8	1
1907	0	384	37.7153	89.3554	-896.7	PPAB	7.12	1.62	1.09	0.227	1.478	6.510	1461.	33.	0.	759.7	30.8	1
1908	0	384	37.7153	89.3562	-897.2	PPAB	7.50	1.63	1.03	0.218	1.581	7.262	1532.	34.	4.	757.6	30.8	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1909	0	376	37.7153	89.3568	-897.5	PPAB	4.57	2.53	1.41	0.555	1.795	3.235	1392.	42.	3.	758.7	30.7	1
1910	10	376	37.7152	89.3575	-898.5	PPAB	7.11	1.11	1.08	0.0	0.0	6.612	1372.	28.	3.	760.7	30.6	1
1911	0	388	37.7152	89.3582	-899.5	PPAB	7.16	3.23	0.92	0.451	3.495	7.754	1452.	30.	0.	759.7	30.6	1
1912	0	368	37.7152	89.3589	-899.2	PPAB	6.62	1.79	1.32	0.270	1.354	5.009	1345.	34.	7.	758.7	30.6	1
1913	0	340	37.7152	89.3595	-899.2	PPAB	4.84	3.23	0.79	0.668	4.107	6.150	1271.	51.	4.	758.7	30.6	1
1914	10	344	37.7152	89.3602	-901.0	PPAB	6.12	0.98	1.00	0.0	0.0	6.138	1386.	41.	7.	759.2	30.6	1
1915	0	360	37.7152	89.3609	-901.5	PPAB	6.51	2.25	0.82	0.345	2.748	7.958	1300.	34.	7.	759.2	30.6	1
1916	0	356	37.7152	89.3617	-903.0	PPAB	4.66	1.21	1.21	0.259	1.002	3.863	1314.	33.	5.	759.2	30.6	1
1917	0	388	37.7152	89.3623	-903.0	PPAB	5.39	1.86	1.11	0.345	1.665	4.832	1365.	35.	5.	758.1	30.6	1
1918	10	376	37.7152	89.3631	-903.7	PPAB	6.60	1.24	1.26	0.0	0.0	5.220	1358.	41.	6.	757.6	30.5	1
1919	0	360	37.7152	89.3637	-904.2	PPAB	6.28	1.63	0.92	0.259	1.775	6.859	1183.	50.	4.	758.7	30.6	1
1920	0	420	37.7152	89.3644	-905.2	PPAB	5.57	1.51	0.98	0.270	1.544	5.709	1299.	46.	5.	759.7	30.6	1
1921	0	452	37.7151	89.3651	-907.0	PPAB	6.32	2.85	1.02	0.451	2.792	6.192	1412.	37.	2.	758.7	30.7	1
1922	0	420	37.7151	89.3658	-906.2	PPAB	5.09	1.63	1.28	0.320	1.267	3.961	1272.	49.	2.	757.6	30.6	1
1923	10	384	37.7151	89.3664	-908.2	PPAB	7.07	1.06	1.24	0.0	0.0	5.725	1310.	33.	3.	758.7	30.6	1
1924	10	412	37.7151	89.3672	-907.7	PPAB	7.62	0.91	1.41	0.0	0.0	5.406	1397.	45.	3.	759.7	30.6	1
1925	0	412	37.7151	89.3678	-907.2	PPAB	8.29	2.43	1.26	0.293	1.927	6.568	1522.	35.	0.	758.7	30.6	1
1926	0	372	37.7151	89.3685	-908.2	PPAB	7.06	2.75	1.23	0.390	2.238	5.733	1488.	43.	0.	758.7	30.6	1
1927	10	368	37.7150	89.3692	-907.2	PPAB	7.43	1.20	1.26	0.0	0.0	5.910	1512.	41.	2.	759.2	30.6	1
1928	0	368	37.7150	89.3699	-907.0	PPAB	6.63	2.94	1.12	0.444	2.619	5.902	1549.	45.	1.	759.2	30.6	1
1929	0	372	37.7150	89.3705	-909.7	PPAB	6.63	2.88	1.34	0.435	2.159	4.966	1627.	39.	3.	759.2	30.7	1
1930	0	368	37.7150	89.3712	-912.2	PPAB	7.19	4.29	1.06	0.596	4.035	6.766	1583.	41.	2.	758.7	30.7	1
1931	0	396	37.7150	89.3719	-912.2	PPAB	7.69	2.05	1.53	0.267	1.338	5.017	1765.	36.	5.	758.7	30.8	1
1932	0	380	37.7150	89.3727	-911.5	PPAB	6.75	2.96	1.29	0.439	2.297	5.232	1693.	40.	7.	759.2	30.7	1
1933	0	372	37.7150	89.3733	-914.0	PPAB	7.86	2.35	1.55	0.299	1.515	5.072	1695.	34.	7.	759.2	30.7	1
1934	0	372	37.7150	89.3740	-914.7	PPAB	7.56	1.88	1.50	0.249	1.257	5.042	1719.	33.	7.	758.1	30.6	1
1935	0	364	37.7150	89.3747	-913.0	PPAB	6.19	2.91	1.64	0.470	1.774	3.776	1746.	32.	5.	759.2	30.6	1
1936	0	352	37.7150	89.3754	-911.0	PPAB	8.12	3.12	1.49	0.385	2.095	5.445	1729.	39.	5.	759.7	30.6	1
1937	0	340	37.7150	89.3761	-913.0	PPAB	7.45	1.58	1.41	0.212	1.121	5.281	1539.	44.	1.	758.7	30.6	1
1938	0	344	37.7150	89.3768	-916.2	PPAB	4.99	2.21	1.34	0.443	1.653	3.733	1477.	41.	0.	758.7	30.6	1
1939	0	332	37.7150	89.3774	-917.2	PPAB	4.38	2.05	1.12	0.469	1.840	3.924	1403.	47.	3.	759.7	30.6	1
1940	0	320	37.7149	89.3781	-917.5	PPAB	5.60	3.02	0.91	0.539	3.306	6.131	1330.	32.	0.	759.7	30.6	1
1941	0	344	37.7149	89.3788	-919.7	PPAB	4.11	2.48	1.15	0.603	2.157	3.578	1335.	43.	4.	758.7	30.7	1
1942	0	380	37.7149	89.3795	-921.0	PPAB	5.16	1.93	1.25	0.375	1.548	4.128	1320.	42.	1.	758.7	30.6	1
1943	10	388	37.7149	89.3802	-921.0	PPAB	5.60	1.17	1.30	0.0	0.0	4.322	1378.	31.	7.	759.2	30.7	1
1944	0	352	37.7149	89.3809	-920.7	PPAB	5.11	1.62	0.98	0.317	1.650	5.214	1212.	48.	3.	759.2	30.6	1
1945	0	340	37.7149	89.3815	-921.5	PPAB	3.60	2.20	1.02	0.612	2.156	3.524	1237.	34.	6.	759.2	30.6	1
1946	0	364	37.7149	89.3822	-922.2	PPAB	5.06	1.35	0.92	0.267	1.462	5.482	1343.	34.	8.	758.1	30.6	1
1947	0	392	37.7148	89.3829	-923.2	PPAB	5.24	1.51	1.28	0.289	1.177	4.080	1425.	34.	10.	757.6	30.7	1
1948	10	376	37.7148	89.3835	-923.2	PPAB	5.14	1.26	1.16	0.0	0.0	4.414	1326.	35.	11.	758.7	30.6	1
1949	0	376	37.7148	89.3843	-922.7	PPAB	2.98	2.95	1.06	0.989	2.786	2.816	1288.	46.	10.	759.7	30.6	1
1950	0	372	37.7148	89.3849	-921.5	PPAB	3.85	1.83	1.01	0.475	1.812	3.812	1281.	40.	10.	759.7	30.7	1
1951	0	380	37.7148	89.3857	-923.0	PPAB	4.62	1.94	0.72	0.419	2.699	6.437	1249.	44.	11.	758.7	30.7	1
1952	0	420	37.7148	89.3863	-924.7	PPAB	3.21	1.83	1.31	0.572	1.398	2.445	1373.	46.	12.	758.7	30.6	1
1953	10	452	37.7147	89.3870	-925.7	PPAB	6.51	0.11	0.98	0.0	0.0	6.668	1365.	36.	8.	758.7	30.6	1
1954	10	424	37.7147	89.3877	-926.C	PPAB	5.35	1.27	1.24	0.0	0.0	4.323	1320.	44.	10.	759.7	30.6	1
1955	0	400	37.7147	89.3884	-927.0	PPAB	6.04	1.84	0.93	0.304	1.968	6.472	1197.	39.	9.	759.7	30.6	1
1956	0	384	37.7147	89.3891	-926.2	PPAB	4.58	1.95	1.22	0.427	1.600	3.750	1368.	37.	1.	758.7	30.6	1
1957	0	372	37.7147	89.3898	-926.7	PPAB	4.39	2.28	0.73	0.518	3.108	5.999	1204.	48.	7.	758.7	30.7	1
1958	0	380	37.7147	89.3904	-928.5	PPAB	6.60	3.18	0.97	0.482	3.293	6.834	1297.	39.	0.	758.7	30.6	1
1959	0	428	37.7147	89.3911	-929.2	PPCV	6.06	1.44	1.18	0.238	1.219	5.124	1320.	35.	5.	759.7	30.7	1
1960	0	508	37.7147	89.3918	-930.7	PPCV	7.53	2.49	1.18	0.331	2.114	6.388	1509.	44.	5.	759.7	30.6	1
1961	10	520	37.7147	89.3925	-933.5	PPCV	7.25	-0.31	1.45	0.0	0.0	4.997	1469.	42.	6.	758.7	30.7	1

CP 9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1962	0	476	37.7147	89.3932	-933.0	PPCV	4.82	2.11	1.26	0.437	1.674	3.828	1436.	47.	2.	757.6	30.7	1
1963	0	428	37.7147	89.3939	-933.0	PPAB	5.34	2.57	1.20	0.480	2.132	4.438	1431.	37.	2.	758.7	30.7	1
1964	10	392	37.7147	89.3945	-933.5	PPAB	5.14	0.89	1.07	0.0	0.0	4.803	1239.	43.	2.	759.2	30.7	1
1965	0	404	37.7147	89.3953	-934.0	PPAB	5.64	3.35	1.07	0.594	3.132	5.278	1361.	45.	0.	759.2	30.8	1
1966	0	432	37.7146	89.3959	-934.5	PPAB	3.53	2.45	1.24	0.696	1.978	2.844	1373.	33.	2.	758.7	30.8	1
1967	0	472	37.7146	89.3967	-937.0	PPAB	5.63	1.95	1.29	0.346	1.509	4.361	1403.	42.	0.	757.6	30.8	1
1968	0	480	37.7146	89.3973	-935.2	PPAB	6.59	2.44	1.16	0.370	2.108	5.703	1398.	42.	0.	757.6	30.8	1
1969	0	460	37.7146	89.3980	-935.5	PPAB	5.22	3.05	1.25	0.584	2.446	4.192	1375.	42.	0.	758.7	30.8	1
1970	0	404	37.7146	89.3987	-936.2	PPAB	5.44	2.30	0.95	0.424	2.430	5.735	1323.	42.	0.	758.7	30.8	1
1971	0	384	37.7146	89.3994	-936.5	PPAB	5.35	2.15	1.22	0.402	1.759	4.371	1330.	31.	0.	758.7	30.8	1
1972	0	424	37.7145	89.4000	-937.7	PPAB	5.75	2.98	1.33	0.518	2.248	4.339	1461.	44.	0.	758.7	30.8	1
1973	10	440	37.7145	89.4007	-939.7	PPAB	7.39	0.52	1.31	0.0	0.0	5.629	1475.	41.	0.	757.6	30.8	1
1974	0	388	37.7145	89.4014	-940.7	PPAB	4.44	2.39	1.32	0.537	1.810	3.369	1329.	45.	0.	758.1	30.8	1
1975	0	388	37.7145	89.4021	-940.2	PPAB	5.82	1.79	0.98	0.307	1.823	5.934	1306.	41.	0.	759.2	30.8	1
1976	0	384	37.7145	89.4028	-940.2	PPAB	4.26	2.00	1.04	0.469	1.924	4.098	1240.	39.	3.	759.2	30.8	1
1977	10	464	37.7145	89.4035	-941.0	PPCV	6.55	1.42	1.16	0.0	0.0	5.643	1352.	39.	5.	758.1	30.8	1
1978	0	496	37.7145	89.4041	-941.7	PPCV	6.35	1.68	1.27	0.265	1.326	5.005	1495.	33.	8.	757.6	30.9	1
1979	0	516	37.7145	89.4048	-941.7	PPCV	7.64	2.67	1.23	0.350	2.171	6.203	1407.	53.	5.	757.6	30.9	1
1980	10	532	37.7145	89.4055	-943.0	PPCV	6.31	1.62	1.25	0.0	0.0	5.063	1423.	46.	6.	758.7	31.0	1
1981	10	540	37.7145	89.4063	-944.0	PPCV	5.68	0.75	1.11	0.0	0.0	5.120	1398.	40.	7.	759.7	31.0	1
1982	0	556	37.7144	89.4069	-944.0	PPCV	6.64	2.55	0.94	0.385	2.720	7.068	1414.	38.	5.	759.7	31.0	1
1983	0	556	37.7144	89.4076	-943.0	PPCV	6.99	3.98	1.42	0.569	2.794	4.911	1490.	45.	8.	758.7	31.0	1
1984	0	568	37.7144	89.4083	-944.7	PPCV	4.71	1.99	1.41	0.423	1.412	3.340	1386.	42.	7.	758.7	30.9	1
1985	0	584	37.7144	89.4090	-944.7	PPCV	6.71	2.25	1.15	0.334	1.949	5.829	1350.	33.	7.	758.7	30.9	1
1986	0	604	37.7144	89.4097	-943.5	QAL	4.20	2.21	1.23	0.526	1.798	3.421	1439.	38.	7.	758.7	30.9	1
1987	0	588	37.7144	89.4104	-945.5	QAL	6.37	2.19	1.38	0.343	1.590	4.633	1413.	34.	5.	759.7	31.0	1
1988	10	592	37.7144	89.4110	-947.7	QAL	7.10	0.69	1.24	0.0	0.0	5.722	1473.	38.	4.	760.2	31.0	1
1989	0	596	37.7144	89.4117	-947.0	QAL	4.59	2.64	1.58	0.575	1.674	2.911	1563.	43.	7.	759.2	31.0	1
1990	10	600	37.7144	89.4124	-946.5	QAL	9.26	2.05	1.63	0.0	0.0	5.684	1665.	36.	6.	759.2	31.0	1
1991	10	596	37.7143	89.4131	-948.2	QAL	10.44	-0.03	1.40	0.0	0.0	7.454	1698.	35.	6.	758.1	31.0	1
1992	10	596	37.7143	89.4137	-949.0	QAL	6.98	0.60	1.88	0.0	0.0	3.713	1751.	34.	5.	757.6	31.0	1
1993	0	588	37.7143	89.4145	-948.2	QAL	8.76	3.49	1.68	0.398	2.075	5.211	1761.	44.	2.	758.7	31.0	1
1994	0	580	37.7143	89.4151	-948.2	QAL	6.77	3.83	1.42	0.566	2.695	4.762	1714.	37.	6.	759.7	31.0	1
1995	0	576	37.7143	89.4158	-947.2	QAL	7.78	4.40	1.54	0.565	2.859	5.060	1785.	33.	0.	758.7	31.1	1
1996	10	580	37.7143	89.4165	-949.2	QAL	7.37	1.75	1.58	0.0	0.0	4.679	1633.	45.	7.	758.7	31.2	1
1997	0	584	37.7142	89.4172	-951.0	QAL	6.58	3.01	1.50	0.457	2.003	4.382	1702.	35.	5.	757.6	31.3	1
1998	0	588	37.7142	89.4179	-950.7	QAL	8.75	2.94	1.19	0.336	2.470	7.348	1707.	29.	4.	757.6	31.2	1
1999	10	592	37.7142	89.4186	-951.7	QAL	6.87	0.81	1.33	0.0	0.0	5.166	1600.	35.	6.	758.7	31.2	1
2000	10	600	37.7142	89.4193	-952.0	QAL	11.85	1.44	1.35	0.0	0.0	8.793	1617.	30.	9.	759.7	31.2	1
2001	10	592	37.7142	89.4200	-951.7	QAL	6.96	1.90	0.94	0.0	0.0	7.399	1510.	32.	6.	759.7	31.2	1
2002	0	592	37.7142	89.4206	-952.7	QAL	7.24	2.67	1.31	0.368	2.029	5.509	1566.	39.	4.	758.7	31.1	1
2003	10	588	37.7142	89.4214	-952.5	QAL	9.59	0.57	1.30	0.0	0.0	7.376	1513.	36.	5.	757.6	31.1	1
2004	0	588	37.7142	89.4220	-953.0	QAL	3.74	4.31	1.10	1.151	3.926	3.410	1475.	27.	0.	758.7	31.0	1
2005	0	584	37.7142	89.4227	-953.0	QAL	6.92	3.36	0.80	0.486	4.183	8.604	1417.	55.	4.	759.7	31.0	1
2006	0	584	37.7142	89.4234	-954.0	QAL	8.14	1.90	1.30	0.233	1.463	6.274	1412.	53.	0.	759.7	31.0	1
2007	0	584	37.7141	89.4241	-955.2	QAL	6.35	3.62	0.94	0.570	3.862	6.775	1374.	34.	1.	759.7	31.0	1
2008	0	588	37.7141	89.4247	-954.5	QAL	7.54	2.28	1.56	0.302	1.460	4.830	1593.	35.	2.	758.7	31.0	1
2009	10	596	37.7141	89.4255	-955.0	QAL	7.98	0.82	1.44	0.0	0.0	5.543	1426.	41.	4.	757.6	31.0	1
2010	0	596	37.7141	89.4261	-956.2	QAL	7.53	3.42	1.29	0.454	2.654	5.844	1488.	35.	6.	759.2	30.9	1
2011	10	596	37.7141	89.4269	-956.2	QAL	10.66	0.28	1.42	0.0	0.0	7.519	1642.	30.	5.	760.2	31.0	1
2012	10	588	37.7141	89.4275	-956.7	QAL	9.69	1.16	1.31	0.0	0.0	7.385	1637.	46.	8.	758.7	30.9	1
2013	10	584	37.7141	89.4282	-957.0	QAL	8.81	0.23	1.35	0.0	0.0	6.541	1483.	41.	8.	757.6	30.9	1
2014	0	596	37.7141	89.4289	-956.5	QAL	8.22	2.80	0.96	0.341	2.927	8.592	1575.	40.	6.	758.7	30.9	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2015	10	596	37.7141	89.4296	-957.7	QAL	7.65	2.03	0.92	0.0	0.0	8.319	1520.	51.	7.	759.7	30.9	1
2016	10	596	37.7140	89.4303	-959.0	QAL	7.01	0.76	1.49	0.0	0.0	4.707	1617.	46.	8.	758.7	30.8	1
2017	10	596	37.7140	89.4310	-959.0	QAL	6.43	1.98	1.38	0.0	0.0	4.667	1728.	32.	9.	757.6	30.9	1
2018	10	596	37.7140	89.4316	-959.2	QAL	7.68	1.38	1.57	0.0	0.0	4.888	1716.	41.	5.	757.6	30.8	1
2019	0	592	37.7140	89.4323	-959.2	QAL	8.42	2.92	1.18	0.347	2.475	7.136	1696.	42.	4.	758.7	30.9	1
2020	0	592	37.7140	89.4330	-959.5	QAL	8.23	2.25	1.26	0.273	1.784	6.532	1634.	45.	6.	758.7	30.9	1
2021	0	592	37.7140	89.4337	-960.2	QAL	10.88	2.14	1.33	0.196	1.604	8.171	1739.	45.	0.	759.7	30.9	1
2022	0	592	37.7140	89.4344	-960.7	QAL	8.36	2.65	1.55	0.317	1.710	5.389	1579.	59.	1.	759.2	30.9	1
2023	10	588	37.7139	89.4351	-960.2	QAL	7.67	0.87	1.46	0.0	0.0	5.242	1659.	41.	8.	758.1	30.9	1
2024	10	588	37.7139	89.4357	-962.0	QAL	10.85	1.51	1.46	0.0	0.0	7.444	1718.	41.	4.	759.2	30.9	1
2025	0	588	37.7139	89.4364	-962.5	QAL	9.18	2.32	1.27	0.253	1.831	7.234	1696.	37.	5.	760.2	30.9	1
2026	10	584	37.7139	89.4371	-962.7	QAL	11.30	0.44	1.54	0.0	0.0	7.363	1665.	52.	5.	759.2	30.9	1
2027	10	584	37.7139	89.4379	-963.0	QAL	7.70	1.08	1.37	0.0	0.0	5.605	1557.	45.	8.	758.1	30.9	1
2028	10	596	37.7139	89.4385	-962.2	QAL	11.73	0.07	1.27	0.0	0.0	9.262	1592.	33.	12.	757.6	30.9	1
2029	10	588	37.7139	89.4392	-962.0	QAL	8.96	1.17	1.30	0.0	0.0	6.868	1497.	48.	9.	758.7	30.9	1
2030	0	588	37.7139	89.4399	-961.0	QAL	10.56	2.18	1.12	0.206	1.941	9.415	1596.	34.	6.	759.7	30.9	1
2031	0	588	37.7139	89.4406	-962.0	QAL	7.81	2.59	1.39	0.331	1.856	5.609	1702.	28.	7.	759.2	30.9	1
2032	0	592	37.7139	89.4412	-962.5	QAL	9.42	3.72	1.29	0.394	2.880	7.304	1620.	41.	7.	758.1	30.9	1
2033	0	592	37.7139	89.4419	-962.7	QAL	6.00	3.37	1.31	0.562	2.576	4.587	1682.	37.	4.	758.1	30.9	1
2034	10	592	37.7139	89.4426	-963.2	QAL	8.37	0.69	1.38	0.0	0.0	6.074	1538.	47.	8.	758.7	30.9	1
2035	10	596	37.7139	89.4433	-964.7	QAL	10.09	1.66	0.94	0.0	0.0	10.699	1616.	47.	9.	759.7	30.9	1
2036	10	592	37.7138	89.4440	-964.5	QAL	7.36	0.43	1.60	0.0	0.0	4.612	1581.	36.	10.	759.7	30.8	1
2037	0	588	37.7138	89.4448	-964.5	QAL	8.22	2.77	1.25	0.337	2.209	6.549	1522.	39.	4.	758.7	30.9	1
2038	10	584	37.7138	89.4455	-964.2	QAL	8.06	1.29	1.51	0.0	0.0	5.349	1578.	37.	5.	758.7	30.9	1
2039	0	552	37.7139	89.4463	-963.7	QAL	7.41	2.57	0.88	0.347	2.908	8.388	1452.	25.	6.	758.7	30.9	1
2040	10	520	37.7139	89.4470	-965.5	QAL	8.25	1.57	1.20	0.0	0.0	6.870	1514.	46.	3.	759.7	30.9	1
2041	10	524	37.7139	89.4477	-966.5	QAL	7.84	0.85	0.99	0.0	0.0	7.953	1480.	40.	5.	761.8	31.0	1
2042	0	516	37.7139	89.4484	-964.5	QAL	7.49	1.89	1.03	0.252	1.838	7.290	1536.	29.	3.	761.8	31.0	1
2043	0	488	37.7139	89.4493	-964.7	QAL	6.76	2.33	1.04	0.345	2.251	6.529	1444.	33.	5.	760.7	31.1	1
2044	0	480	37.7139	89.4500	-965.0	QAL	6.79	2.53	1.24	0.372	2.044	5.487	1397.	38.	0.	759.7	31.1	1
2045	0	492	37.7140	89.4507	-965.0	QAL	6.12	2.31	1.06	0.377	2.181	5.786	1375.	46.	3.	760.7	31.2	1
2046	0	480	37.7140	89.4515	-966.0	QAL	6.58	3.05	1.12	0.464	2.715	5.849	1355.	40.	0.	761.8	31.2	1
2047	0	452	37.7140	89.4522	-966.7	QAL	5.33	3.24	0.96	0.608	3.358	5.526	1379.	43.	0.	761.8	31.2	1
2048	0	448	37.7140	89.4529	-965.7	QAL	6.57	1.62	1.10	0.247	1.472	5.966	1375.	44.	0.	760.7	31.3	1
2049	0	448	37.7140	89.4536	-965.7	QAL	8.96	2.53	0.84	0.283	3.034	10.721	1456.	43.	1.	760.7	31.4	1
2050	0	460	37.7140	89.4545	-966.0	QAL	7.57	2.64	0.93	0.349	2.834	8.118	1555.	45.	0.	761.8	31.5	1
2051	0	456	37.7140	89.4552	-966.5	QAL	7.09	2.22	1.06	0.313	2.086	6.671	1503.	44.	2.	762.8	31.5	1
2052	0	452	37.7141	89.4559	-966.0	QAL	7.33	3.00	1.24	0.409	2.426	5.931	1588.	45.	2.	762.8	31.6	1
2053	0	448	37.7141	89.4567	-965.5	QAL	6.68	3.64	1.27	0.545	2.862	5.251	1666.	39.	0.	761.2	31.5	1
2054	10	444	37.7141	89.4574	-965.7	QAL	9.16	1.19	1.43	0.0	0.0	6.385	1678.	40.	4.	761.2	31.5	1
2055	0	440	37.7141	89.4581	-965.5	QAL	10.97	2.82	1.09	0.257	2.585	10.063	1771.	38.	6.	762.3	31.6	1
2056	10	440	37.7141	89.4588	-964.7	QAL	10.67	1.39	1.48	0.0	0.0	7.190	1717.	37.	6.	762.3	31.7	1
2057	0	444	37.7141	89.4597	-964.5	QAL	8.16	2.45	1.29	0.300	1.895	6.328	1599.	51.	6.	762.3	31.8	1
2058	0	448	37.7141	89.4604	-964.2	QAL	6.42	3.20	1.37	0.498	2.338	4.691	1769.	32.	7.	761.8	31.8	1
2059	0	452	37.7142	89.4611	-963.5	QAL	9.87	1.65	1.37	0.167	1.203	7.196	1709.	32.	5.	760.7	31.8	1
2060	0	452	37.7142	89.4618	-963.5	QAL	7.49	2.13	1.74	0.284	1.228	4.318	1674.	45.	7.	760.7	31.7	1
2061	0	452	37.7142	89.4626	-963.7	QAL	10.78	2.65	1.37	0.245	1.932	7.873	1837.	47.	5.	761.8	31.7	1
2062	10	448	37.7142	89.4634	-961.2	QAL	9.27	0.48	1.27	0.0	0.0	7.285	1809.	38.	6.	762.8	31.6	1
2063	0	448	37.7142	89.4641	-962.5	QAL	8.67	3.07	1.39	0.354	2.209	6.245	1872.	29.	3.	762.3	31.6	1
2064	0	444	37.7142	89.4648	-964.2	QAL	8.39	3.54	1.52	0.422	2.322	5.501	1786.	44.	2.	761.2	31.7	1
2065	0	444	37.7143	89.4656	-962.7	QAL	7.99	2.79	1.24	0.349	2.255	6.462	1774.	47.	4.	760.2	31.7	1
2066	0	444	37.7143	89.4663	-961.5	QAL	7.10	4.96	1.19	0.698	4.164	5.968	1781.	61.	2.	760.7	31.6	1
2067	0	440	37.7143	89.4670	-962.7	QAL	8.84	3.41	1.25	0.385	2.723	7.064	1773.	29.	6.	762.8	31.6	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	REDUCED DATA GROSS	COS	UAIR	PRESS	TEMP	SYS
2068	0	436	37.7143	89.4678	-961.7		QAL	9.03	2.94	1.16	0.326	2.549	7.820	1650.	41.	5.	763.8	31.6	1
2069	0	432	37.7143	89.4686	-961.5		QAL	7.67	2.68	1.57	0.349	1.710	4.895	1632.	45.	7.	763.3	31.6	1
2070	0	428	37.7143	89.4693	-961.7		QAL	8.19	2.15	1.25	0.263	1.724	6.556	1564.	50.	8.	762.3	31.6	1
2071	0	428	37.7143	89.4701	-960.7		QAL	7.81	1.49	1.24	0.191	1.203	6.303	1671.	29.	5.	761.2	31.6	1
2072	0	432	37.7144	89.4708	-959.5		QAL	6.49	4.23	1.26	0.652	3.371	5.167	1796.	38.	2.	761.8	31.6	1
2073	0	428	37.7144	89.4715	-958.2		QAL	7.98	2.61	1.43	0.326	1.819	5.572	1776.	48.	5.	763.8	31.6	1
2074	0	428	37.7143	89.4722	-959.5		QAL	8.52	3.94	1.76	0.462	2.240	4.850	1837.	35.	0.	763.8	31.5	1
2075	0	428	37.7144	89.4731	-957.2		QAL	8.18	3.97	1.27	0.485	3.128	6.449	1875.	35.	0.	762.8	31.5	1
2076	0	428	37.7144	89.4737	-957.0		QAL	8.33	2.64	1.57	0.316	1.675	5.296	1698.	36.	0.	761.8	31.5	1
2077	0	428	37.7144	89.4745	-957.7		QAL	7.33	2.90	1.82	0.395	1.594	4.039	1781.	37.	0.	761.8	31.5	1
2078	0	428	37.7144	89.4753	-957.0		QAL	7.45	2.55	1.61	0.342	1.580	4.614	1778.	30.	1.	761.8	31.4	1
2079	10	424	37.7144	89.4760	-956.0		QAL	6.41	1.03	1.62	0.0	0.0	3.961	1727.	41.	5.	762.8	31.4	1
2080	0	424	37.7144	89.4767	-956.7		QAL	8.29	2.43	1.39	0.293	1.746	5.956	1734.	60.	2.	763.8	31.4	1
2081	0	424	37.7144	89.4774	-956.0		QAL	10.08	2.07	1.76	0.205	1.178	5.737	1797.	37.	5.	763.8	31.4	1
2082	0	424	37.7145	89.4782	-955.5		QAL	5.23	3.46	1.56	0.662	2.216	3.349	1750.	27.	10.	762.8	31.4	1
2083	0	424	37.7145	89.4789	-954.5		QAL	6.53	2.38	1.21	0.364	1.955	5.372	1747.	31.	11.	761.8	31.4	1
2084	10	420	37.7145	89.4797	-951.0		QAL	7.34	0.47	1.72	0.0	0.0	4.266	1714.	41.	10.	761.8	31.4	1
2085	0	420	37.7145	89.4804	-949.2		QAL	3.73	2.07	1.68	0.555	1.234	2.223	1692.	56.	12.	764.3	31.4	1
2086	0	424	37.7145	89.4812	-950.0		QAL	6.19	1.91	1.60	0.308	1.194	3.874	1774.	60.	10.	765.4	31.4	1
2087	0	424	37.7145	89.4819	-949.5		QAL	6.77	4.53	1.54	0.669	2.947	4.404	1874.	34.	4.	763.8	31.5	1
2088	0	428	37.7146	89.4827	-949.7		QAL	9.07	3.22	1.80	0.355	1.785	5.031	1767.	44.	0.	762.8	31.5	1
2089	10	432	37.7146	89.4834	-950.0		QAL	8.45	0.71	1.80	0.0	0.0	4.698	1752.	38.	1.	761.8	31.7	1
2090	0	440	37.7146	89.4841	-948.5		QAL	8.21	1.92	1.88	0.234	1.025	4.372	1798.	44.	0.	761.8	31.7	1
2091	0	444	37.7146	89.4849	-947.5		QAL	6.20	2.63	1.56	0.425	1.690	3.978	1722.	40.	2.	762.3	31.8	1
2092	0	452	37.7146	89.4856	-946.5		QAL	8.77	2.47	1.46	0.282	1.695	6.008	1759.	43.	4.	763.3	31.8	1
2093	0	460	37.7146	89.4864	-948.7		QAL	8.20	4.68	1.30	0.571	3.598	6.300	1793.	39.	1.	763.3	31.8	1
2094	0	460	37.7146	89.4871	-950.2		QAL	9.96	2.68	1.26	0.269	2.131	7.921	1766.	50.	5.	762.3	31.7	1
2095	0	460	37.7147	89.4879	-950.0		QAL	8.93	2.08	1.60	0.233	1.304	5.597	1844.	37.	7.	761.8	31.6	1
2096	10	460	37.7147	89.4887	-950.5		QAL	8.30	1.55	1.57	0.0	0.0	5.271	1735.	35.	9.	761.8	31.6	1
2097	10	464	37.7147	89.4894	-950.5		QAL	10.27	0.52	1.38	0.0	0.0	7.434	1721.	40.	11.	761.2	31.6	1
2098	10	460	37.7147	89.4901	-949.5		QAL	9.96	0.20	1.37	0.0	0.0	7.251	1770.	43.	8.	761.2	31.5	1
2099	0	456	37.7147	89.4908	-951.0		QAL	9.54	1.71	1.41	0.180	1.219	6.786	1779.	44.	8.	762.8	31.5	1
2100	0	456	37.7147	89.4916	-951.5		QAL	9.03	2.88	1.82	0.319	1.587	4.973	1892.	29.	4.	763.8	31.4	1
2101	0	452	37.7148	89.4923	-950.0		QAL	7.64	2.39	1.50	0.313	1.592	5.086	1718.	39.	0.	762.3	31.4	1
2102	0	448	37.7148	89.4930	-950.7		QAL	9.97	2.66	1.55	0.266	1.717	6.445	1802.	49.	0.	761.2	31.3	1
2103	0	440	37.7148	89.4939	-951.0		QAL	9.60	3.92	1.17	0.408	3.353	8.218	1843.	35.	0.	761.2	31.3	1
2104	0	436	37.7148	89.4946	-950.0		QAL	7.04	2.48	1.31	0.353	1.893	5.367	1725.	46.	0.	761.2	31.5	1
2105	0	440	37.7148	89.4953	-950.2		QAL	6.52	3.63	1.60	0.557	2.275	4.089	1824.	40.	0.	762.3	31.6	1
2106	0	448	37.7148	89.4960	-952.7		QAL	7.44	1.83	1.53	0.245	1.195	4.868	1744.	48.	0.	763.8	31.6	1
2107	10	452	37.7148	89.4968	-952.5		QAL	8.52	1.21	1.41	0.0	0.0	6.066	1695.	49.	0.	762.8	31.6	1
2108	0	456	37.7149	89.4975	-951.5		QAL	8.22	3.00	1.52	0.366	1.971	5.391	1741.	30.	0.	761.8	31.5	1
2109	0	452	37.7149	89.4982	-952.2		QAL	9.04	1.97	1.32	0.218	1.486	6.829	1741.	40.	0.	760.7	31.5	1
2110	0	456	37.7148	89.4990	-954.5		QAL	6.31	1.93	1.38	0.306	1.401	4.575	1714.	38.	2.	760.7	31.4	1
2111	0	452	37.7149	89.4998	-954.2		QAL	7.93	3.11	1.24	0.392	2.511	6.400	1766.	47.	0.	761.8	31.5	1
2112	0	448	37.7149	89.5005	-954.7		QAL	10.31	1.96	1.33	0.190	1.472	7.730	1770.	32.	1.	762.8	31.4	1
2113	10	448	37.7149	89.5012	-955.7		QAL	11.15	0.65	1.41	0.0	0.0	7.878	1679.	52.	2.	762.8	31.4	1
2114	0	444	37.7149	89.5020	-955.7		QAL	7.55	2.57	1.65	0.340	1.553	4.563	1751.	44.	1.	763.3	31.4	1
2115	0	440	37.7149	89.5027	-956.5		QAL	9.02	1.93	1.46	0.214	1.320	6.180	1788.	25.	2.	763.3	31.5	1
2116	0	444	37.7149	89.5035	-957.7		QAL	8.88	2.26	1.47	0.255	1.541	6.048	1738.	51.	0.	761.8	31.4	1
2117	0	440	37.7149	89.5042	-958.0		QAL	8.45	2.52	1.47	0.298	1.713	5.744	1757.	34.	2.	760.7	31.4	1
2118	0	440	37.7150	89.5050	-959.5		QAL	8.10	3.15	1.64	0.389	1.920	4.936	1748.	51.	4.	761.8	31.4	1
2119	0	440	37.7150	89.5057	-961.7		QAL	7.10	3.38	1.55	0.477	2.176	4.565	1825.	48.	6.	762.8	31.4	1
2120	0	444	37.7150	89.5064	-961.7		QAL	6.52	3.84	1.55	0.589	2.476	4.206	1838.	34.	3.	762.8	31.3	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2121	0	444	37.7150	89.5072	-964.0	QAL	10.17	2.84	1.66	0.279	1.714	6.136	1908.	33.	5.	763.8	31.3	1
2122	0	444	37.7150	89.5080	-965.0	QAL	5.28	2.73	1.95	0.518	1.404	2.711	1839.	36.	10.	763.8	31.3	1
2123	10	444	37.7150	89.5087	-964.5	QAL	8.99	-0.02	1.41	0.0	0.0	6.382	1726.	40.	10.	761.8	31.3	1
2124	0	444	37.7151	89.5094	-965.2	QAL	6.30	2.45	1.75	0.388	1.398	3.601	1800.	42.	9.	760.7	31.3	1
2125	0	448	37.7151	89.5102	-967.0	QAL	8.84	2.78	1.44	0.315	1.931	6.134	1838.	28.	6.	761.8	31.3	1
2126	0	448	37.7151	89.5109	-967.0	QAL	7.69	2.46	1.46	0.320	1.689	5.282	1821.	36.	5.	762.8	31.3	1
2127	0	448	37.7151	89.5116	-968.2	QAL	8.80	2.98	1.62	0.339	1.835	5.418	1867.	38.	4.	763.3	31.3	1
2128	0	448	37.7151	89.5123	-971.7	QAL	10.20	1.82	1.37	0.178	1.329	7.446	1795.	42.	3.	763.3	31.3	1
2129	0	448	37.7151	89.5132	-970.7	QAL	6.45	3.77	1.44	0.584	2.615	4.474	1825.	38.	6.	762.3	31.3	1
2130	0	452	37.7151	89.5139	-972.0	QAL	7.38	4.99	1.38	0.677	3.631	5.367	1826.	48.	1.	761.8	31.3	1
2131	0	452	37.7152	89.5146	-973.7	QAL	8.82	2.52	1.58	0.286	1.599	5.586	1836.	31.	0.	761.8	31.3	1
2132	0	452	37.7152	89.5154	-975.0	QAL	6.07	2.12	1.57	0.350	1.348	3.854	1724.	35.	5.	761.2	31.3	1
2133	0	456	37.7152	89.5161	-975.2	QAL	7.88	2.18	1.73	0.277	1.259	4.546	1717.	30.	3.	762.3	31.3	1
2134	10	452	37.7152	89.5168	-976.2	QAL	7.69	1.41	1.90	0.0	0.0	4.037	1753.	45.	6.	763.3	31.2	1
2135	0	460	37.7152	89.5176	-976.0	QAL	6.30	1.80	1.63	0.286	1.106	3.875	1731.	38.	2.	763.8	31.3	1
2136	0	460	37.7152	89.5183	-976.2	QAL	9.32	2.56	1.50	0.275	1.707	6.203	1723.	31.	3.	763.3	31.1	1
2137	10	452	37.7153	89.5190	-978.5	QAL	9.36	1.30	1.65	0.0	0.0	5.670	1667.	33.	3.	761.2	31.2	1
2138	0	456	37.7152	89.5198	-979.5	QAL	7.82	1.84	1.54	0.235	1.195	5.084	1575.	42.	5.	759.7	31.3	1
2139	0	464	37.7152	89.5206	-980.2	QAL	7.67	3.09	1.41	0.402	2.190	5.442	1586.	40.	3.	761.2	31.3	1
2140	10	468	37.7152	89.5213	-982.7	QAL	8.88	1.21	1.47	0.0	0.0	6.019	1572.	39.	3.	762.3	31.3	1
2141	0	464	37.7153	89.5220	-984.0	QAL	6.73	2.10	1.57	0.311	1.336	4.294	1663.	40.	2.	762.8	31.4	1
2142	0	464	37.7153	89.5228	-983.5	QAL	8.63	1.90	1.32	0.220	1.445	6.559	1585.	49.	0.	763.8	31.3	1
2143	0	464	37.7153	89.5235	-983.2	QAL	8.73	1.96	1.54	0.224	1.274	5.683	1639.	35.	5.	762.3	31.4	1
2144	10	456	37.7153	89.5243	-984.7	QAL	7.08	1.17	1.35	0.0	0.0	5.237	1499.	46.	5.	761.8	31.4	1
2145	10	452	37.7153	89.5250	-986.2	QAL	9.20	1.41	1.54	0.0	0.0	5.961	1598.	37.	2.	761.8	31.4	1
2146	0	448	37.7153	89.5258	-986.2	QAL	8.35	1.87	1.46	0.224	1.277	5.712	1453.	36.	6.	760.7	31.4	1
2147	10	444	37.7154	89.5265	-986.7	QAL	6.20	0.85	1.45	0.0	0.0	4.281	1601.	37.	4.	761.8	31.4	1
2148	10	444	37.7154	89.5272	-988.5	QAL	7.30	1.43	1.55	0.0	0.0	4.717	1500.	44.	3.	763.8	31.4	1
2149	0	448	37.7154	89.5279	-989.5	QAL	7.00	2.24	1.36	0.319	1.640	5.134	1526.	43.	3.	763.8	31.4	1
2150	0	456	37.7154	89.5288	-988.7	QAL	6.94	2.18	1.40	0.314	1.557	4.963	1484.	46.	5.	762.8	31.4	1
2151	0	456	37.7154	89.5295	-990.7	QAL	6.25	3.10	1.11	0.497	2.794	5.627	1568.	35.	3.	761.8	31.6	1
2152	0	460	37.7154	89.5302	-990.7	QAL	8.61	2.10	1.49	0.244	1.411	5.781	1704.	27.	2.	760.7	31.6	1
2153	0	460	37.7154	89.5309	-990.2	QAL	7.18	2.13	1.70	0.296	1.251	4.226	1783.	38.	4.	760.7	31.6	1
2154	0	460	37.7155	89.5317	-990.5	QAL	8.37	2.71	1.41	0.324	1.922	5.940	1723.	30.	1.	762.3	31.5	1
2155	0	460	37.7155	89.5324	-991.2	QAL	9.18	2.37	1.65	0.258	1.435	5.566	1905.	39.	3.	763.3	31.5	1
2156	10	460	37.7155	89.5332	-992.2	QAL	10.03	1.52	1.74	0.0	0.0	5.773	1815.	34.	7.	762.8	31.5	1
2157	0	460	37.7155	89.5340	-993.2	QAL	8.52	2.61	1.50	0.306	1.739	5.677	1822.	43.	7.	762.8	31.5	1
2158	0	452	37.7155	89.5347	-994.0	QAL	5.48	4.53	1.29	0.826	3.505	4.241	1751.	52.	6.	762.8	31.4	1
2159	10	432	37.7155	89.5354	-993.0	QAL	9.20	1.37	1.63	0.0	0.0	5.646	1776.	39.	8.	760.7	31.4	1
2160	10	440	37.7156	89.5362	-994.0	QAL	9.23	0.84	1.37	0.0	0.0	6.744	1701.	37.	10.	760.7	31.4	1
2161	0	444	37.7156	89.5369	-995.0	QAL	5.57	1.93	1.34	0.346	1.436	4.149	1638.	35.	10.	761.8	31.4	1
2162	10	448	37.7156	89.5376	-995.2	QAL	6.32	1.17	1.29	0.0	0.0	4.891	1689.	32.	11.	762.8	31.4	1
2163	10	448	37.7156	89.5384	-995.7	QAL	8.48	0.71	1.43	0.0	0.0	5.921	1782.	34.	7.	763.8	31.4	1
2164	0	448	37.7156	89.5392	-996.2	QAL	5.68	1.82	1.50	0.321	1.213	3.777	1667.	37.	7.	762.8	31.3	1
2165	0	452	37.7156	89.5399	-995.7	QAL	6.07	2.37	1.55	0.391	1.527	3.905	1698.	44.	6.	762.3	31.4	1
2166	0	456	37.7156	89.5406	-996.0	QAL	7.37	3.12	1.12	0.424	2.788	6.578	1701.	36.	4.	763.3	31.3	1
2167	10	456	37.7157	89.5414	-996.7	QAL	8.99	0.68	1.56	0.0	0.0	5.765	1667.	40.	7.	762.3	31.3	1
2168	0	456	37.7157	89.5421	-996.2	QAL	5.81	3.06	1.38	0.526	2.221	4.220	1637.	45.	4.	762.3	31.3	1
2169	0	456	37.7157	89.5429	-996.2	QAL	5.64	3.07	1.19	0.544	2.585	4.747	1627.	31.	6.	764.3	31.3	1
2170	0	448	37.7157	89.5436	-996.5	QAL	7.65	2.79	1.40	0.365	1.989	5.454	1631.	33.	3.	763.8	31.3	1
2171	0	444	37.7157	89.5444	-996.2	QAL	7.07	2.25	1.22	0.319	1.851	5.802	1603.	37.	7.	762.8	31.3	1
2172	10	440	37.7157	89.5451	-996.7	QAL	7.97	0.90	1.27	0.0	0.0	6.261	1567.	47.	6.	762.8	31.3	1
2173	0	444	37.7157	89.5458	-997.7	QAL	7.65	1.68	1.40	0.220	1.202	5.460	1627.	47.	6.	761.8	31.4	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2174	0	444	37.7157	89.5465	-999.0	QAL	7.69	0.25	1.45	0.0	0.0	5.320	1632.	31.	8.	760.7	31.4	1
2175	0	444	37.7157	89.5473	-998.5	QAL	8.14	1.93	1.25	0.237	1.543	6.521	1679.	37.	1.	761.8	31.4	1
2176	0	444	37.7157	89.5480	-997.7	QAL	7.72	1.79	1.51	0.232	1.189	5.118	1644.	45.	3.	762.8	31.4	1
2177	0	444	37.7158	89.5488	-996.7	QAL	5.66	3.64	1.20	0.644	3.032	4.705	1547.	45.	2.	763.3	31.4	1
2178	0	444	37.7158	89.5495	-995.7	QAL	6.77	3.12	1.44	0.462	2.175	4.711	1562.	35.	0.	763.3	31.4	1
2179	10	444	37.7158	89.5503	-996.0	QAL	7.36	1.38	1.19	0.0	0.0	6.178	1440.	49.	0.	763.3	31.4	1
2180	0	448	37.7159	89.5510	-996.5	QAL	6.76	2.35	1.25	0.348	1.873	5.385	1475.	44.	1.	762.8	31.3	1
2181	0	444	37.7159	89.5517	-996.5	QAL	6.76	3.57	1.06	0.528	3.353	6.352	1586.	45.	0.	761.8	31.3	1
2182	0	444	37.7159	89.5526	-996.2	QAL	5.78	4.59	1.39	0.793	3.310	4.173	1611.	43.	0.	760.7	31.3	1
2183	0	444	37.7159	89.5532	-995.2	QAL	5.22	2.53	1.40	0.486	1.813	3.734	1657.	40.	5.	761.2	31.3	1
2184	0	452	37.7159	89.5540	-992.7	QAL	8.12	4.42	1.42	0.544	3.112	5.724	1774.	35.	1.	762.8	31.3	1
2185	0	456	37.7159	89.5547	-992.7	QAL	7.51	4.00	1.42	0.533	2.814	5.282	1737.	38.	2.	764.3	31.4	1
2186	0	456	37.7159	89.5555	-992.5	QAL	7.39	2.06	1.63	0.279	1.262	4.522	1722.	25.	2.	763.8	31.4	1
2187	0	456	37.7159	89.5562	-991.0	QAL	7.32	3.42	1.29	0.467	2.649	5.674	1650.	38.	0.	762.3	31.4	1
2188	0	452	37.7159	89.5570	-990.7	QAL	6.41	2.50	1.29	0.390	1.942	4.983	1545.	43.	2.	761.8	31.4	1
2189	0	452	37.7159	89.5577	-990.7	QAL	7.94	3.30	1.26	0.416	2.616	6.294	1584.	35.	2.	760.7	31.5	1
2190	0	444	37.7160	89.5584	-988.7	QAL	7.64	1.75	1.20	0.229	1.467	6.397	1589.	29.	4.	760.7	31.6	1
2191	0	436	37.7160	89.5592	-987.0	QAL	5.16	2.72	1.53	0.528	1.785	3.378	1593.	46.	6.	761.8	31.6	1
2192	0	432	37.7160	89.5599	-985.5	QAL	7.18	1.97	1.41	0.274	1.395	5.084	1526.	39.	0.	761.8	31.5	1
2193	0	452	37.7160	89.5607	-984.5	QAL	3.83	1.89	1.26	0.494	1.496	3.029	1437.	48.	4.	762.8	31.5	1
2194	0	456	37.7160	89.5615	-982.5	QAL	8.10	2.71	1.31	0.334	2.060	6.171	1510.	35.	7.	762.3	31.5	1
2195	10	460	37.7160	89.5622	-981.5	QAL	5.73	1.16	1.20	0.0	0.0	4.776	1424.	41.	6.	761.2	31.5	1
2196	10	456	37.7160	89.5629	-981.5	QAL	7.66	1.47	1.18	0.0	0.0	6.474	1417.	36.	2.	761.2	31.5	1
2197	0	456	37.7160	89.5636	-979.2	QAL	5.99	2.08	1.50	0.347	1.387	3.998	1418.	38.	4.	761.2	31.5	1
2198	10	452	37.7160	89.5642	-978.5	QAL	6.32	1.07	1.38	0.0	0.0	4.579	1498.	37.	2.	760.7	31.5	1
2199	0	448	37.7160	89.5649	-976.2	QAL	6.85	1.51	1.48	0.221	1.026	4.645	1404.	45.	2.	761.2	31.5	1
2200	0	448	37.7160	89.5656	-973.5	QAL	6.00	2.24	1.50	0.373	1.490	3.991	1438.	39.	0.	762.3	31.5	1
2201	0	452	37.7160	89.5664	-972.2	QAL	6.97	1.68	1.43	0.241	1.169	4.859	1499.	44.	1.	763.3	31.5	1
2202	0	452	37.7160	89.5670	-971.7	QAL	5.58	1.54	1.43	0.275	1.076	3.914	1536.	45.	2.	764.3	31.5	1
2203	0	452	37.7160	89.5676	-969.0	QAL	7.80	1.61	1.65	0.207	0.979	4.739	1596.	41.	1.	763.8	31.5	1
2204	0	456	37.7160	89.5684	-967.2	QAL	8.07	2.11	1.38	0.261	1.534	5.867	1567.	46.	1.	762.8	31.4	1
2205	0	460	37.7160	89.5690	-967.7	QAL	7.07	2.29	1.59	0.324	1.443	4.449	1653.	49.	4.	762.3	31.4	1
2206	0	464	37.7160	89.5698	-964.5	QAL	6.87	2.63	1.52	0.382	1.734	4.532	1555.	52.	3.	762.3	31.4	1
2207	0	468	37.7160	89.5704	-961.2	QAL	6.75	3.09	1.22	0.458	2.535	5.535	1632.	32.	4.	761.2	31.4	1
2208	0	464	37.7160	89.5711	-959.2	QAL	7.78	3.59	1.46	0.461	2.452	5.319	1624.	51.	1.	760.7	31.4	1
2209	10	464	37.7160	89.5718	-958.7	QAL	10.76	1.36	1.59	0.0	0.0	6.769	1679.	39.	5.	761.8	31.4	1
2210	0	460	37.7159	89.5724	-958.0	QAL	8.00	3.39	1.46	0.424	2.323	5.480	1651.	37.	2.	760.7	31.4	1
2211	10	456	37.7159	89.5731	-954.7	QAL	7.38	0.97	1.37	0.0	0.0	5.364	1545.	54.	5.	760.2	31.4	1
2212	0	460	37.7159	89.5738	-951.2	QAL	7.42	1.78	1.56	0.240	1.141	4.753	1570.	43.	8.	761.2	31.4	1
2213	10	460	37.7159	89.5745	-949.0	QAL	9.64	0.71	1.71	0.0	0.0	5.650	1579.	44.	9.	760.2	31.4	1
2214	0	456	37.7159	89.5752	-945.2	QAL	6.64	2.54	1.30	0.382	1.962	5.129	1503.	42.	7.	760.2	31.4	1
2215	10	448	37.7159	89.5759	-944.7	QAL	6.10	0.91	1.34	0.0	0.0	4.544	1451.	36.	8.	761.8	31.4	1
2216	10	4[illegible]	37.7159	89.5765	-942.2	QAL	5.61	0.71	1.51	0.0	0.0	3.719	1358.	41.	6.	761.8	31.4	1
2217	0	404	37.7159	89.5772	-941.0	QAL	4.94	2.87	1.07	0.580	2.685	4.626	1239.	36.	3.	761.8	31.4	1
2218	0	404	37.7159	89.5779	-939.5	QAL	2.61	1.41	1.12	0.541	1.268	2.343	1092.	39.	6.	762.8	31.4	1
2219	0	412	37.7159	89.5786	-936.2	QAL	3.99	2.21	0.92	0.553	2.389	4.319	1154.	27.	4.	762.8	31.5	1
2220	0	408	37.7159	89.5793	-933.5	QAL	6.12	1.84	0.86	0.301	2.137	7.098	1075.	49.	2.	762.8	31.5	1
2221	10	400	37.7159	89.5799	-932.0	QAL	4.68	0.71	0.76	0.0	0.0	6.141	961.	38.	3.	762.8	31.5	1
2222	0	392	37.7159	89.5806	-928.7	QAL	3.91	2.05	0.59	0.526	3.462	6.585	897.	47.	1.	762.8	31.5	1
2223	0	388	37.7159	89.5813	-926.7	QAL	2.64	1.27	0.96	0.481	1.328	2.759	877.	33.	2.	761.8	31.5	1
2224	0	392	37.7158	89.5819	-925.5	QAL	3.02	1.23	0.51	0.406	2.386	5.870	743.	34.	2.	761.8	31.5	1
2225	10	400	37.7158	89.5827	-923.2	QAL	2.22	0.98	0.69	0.0	0.0	3.244	740.	42.	4.	760.7	31.5	1
2226	10	424	37.7158	89.5833	-923.2	QAL	2.06	-0.26	0.53	0.0	0.0	3.851	650.	43.	5.	760.2	31.5	1

TAGS			LOCATION			REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2227	10	464	37.7158	89.5841	-921.0	(WATER)	1.72	-0.01	0.65	0.0	0.0	2.639	649.	42.	10.	761.2	31.4	1
2228	10	464	37.7158	89.5847	-918.5	(WATER)	2.03	0.34	0.53	0.0	0.0	3.846	612.	38.	7.	761.8	31.4	1
2229	10	464	37.7158	89.5853	-917.2	(WATER)	4.43	0.14	0.40	0.0	0.0	11.197	441.	36.	5.	761.8	31.4	1
2230	111	464	37.7158	89.5861	-915.2	(WATER)	0.38	0.94	0.12	0.0	0.0	0.0	411.	56.	9.	762.8	31.4	1
2231	10	464	37.7158	89.5867	-912.7	(WATER)	1.56	0.43	0.34	0.0	0.0	4.519	337.	36.	5.	762.8	31.4	1
2232	10	464	37.7158	89.5875	-911.2	(WATER)	1.56	-0.37	0.23	0.0	0.0	6.809	280.	39.	2.	761.8	31.4	1
2233	111	464	37.7158	89.5881	-910.0	(WATER)	0.77	0.34	0.07	0.0	0.0	0.0	212.	35.	5.	762.8	31.4	1
2234	111	468	37.7158	89.5888	-909.7	(WATER)	-0.05	0.53	-0.03	0.0	0.0	0.0	88.	45.	1.	762.8	31.4	1
2235	111	476	37.7157	89.5895	-909.5	(WATER)	-0.04	0.28	0.03	0.0	0.0	0.0	93.	35.	2.	760.7	31.4	1
2236	111	488	37.7157	89.5901	-908.7	(WATER)	0.13	-0.33	-0.00	0.0	0.0	0.0	113.	39.	2.	759.7	31.4	1
2237	111	508	37.7157	89.5909	-908.0	(WATER)	0.97	0.47	-0.05	0.0	0.0	0.0	67.	40.	0.	759.7	31.4	1
2238	101	532	37.7157	89.5915	-907.7	(WATER)	-0.08	1.11	-0.08	0.0	0.0	0.0	91.	37.	0.	759.7	31.3	1
2239	111	552	37.7157	89.5922	-907.2	(WATER)	0.28	0.75	0.01	0.0	0.0	0.0	110.	25.	0.	758.7	31.3	1
2240	111	568	37.7157	89.5929	-907.2	(WATER)	0.10	0.15	0.09	0.0	0.0	0.0	86.	39.	3.	758.7	31.2	1
2241	111	580	37.7157	89.5935	-907.5	(WATER)	0.13	-1.56	0.04	0.0	0.0	0.0	29.	41.	7.	758.7	31.2	1
2242	111	592	37.7157	89.5942	-908.5	(WATER)	1.00	0.45	0.01	0.0	0.0	0.0	75.	35.	1.	758.7	31.1	1
2243	111	604	37.7157	89.5949	-908.5	(WATER)	-0.11	0.99	-0.11	0.0	0.0	0.0	65.	41.	3.	758.7	31.1	1
2244	111	612	37.7157	89.5956	-909.0	(WATER)	0.95	-1.04	0.14	0.0	0.0	0.0	68.	41.	3.	759.2	31.1	1
2245	111	620	37.7157	89.5963	-910.2	(WATER)	0.53	1.09	-0.13	0.0	0.0	0.0	157.	22.	6.	759.2	31.0	1
2246	111	620	37.7157	89.5970	-911.2	(WATER)	0.46	0.49	-0.03	0.0	0.0	0.0	76.	44.	0.	759.2	30.9	1
2247	111	620	37.7157	89.5976	-911.2	(WATER)	0.66	0.13	0.09	0.0	0.0	0.0	135.	47.	5.	759.2	30.9	1
2248	111	620	37.7157	89.5983	-912.5	(WATER)	0.02	-0.62	0.14	0.0	0.0	0.0	100.	60.	3.	760.2	30.9	1
2249	111	616	37.7157	89.5990	-912.2	(WATER)	1.02	0.23	0.19	0.0	0.0	0.0	113.	51.	0.	760.7	30.9	1
2250	111	612	37.7157	89.5997	-914.0	(WATER)	0.02	-0.61	0.05	0.0	0.0	0.0	178.	34.	2.	760.7	30.9	1
2251	101	612	37.7156	89.6004	-915.7	(WATER)	0.78	1.39	0.15	0.0	0.0	0.0	215.	45.	0.	759.7	30.9	1
2252	11	608	37.7156	89.6010	-916.7	(WATER)	1.52	0.17	0.17	0.0	0.0	0.0	278.	40.	0.	759.7	30.8	1
2253	10	604	37.7156	89.6018	-917.0	(WATER)	3.84	-0.92	0.47	0.0	0.0	8.159	420	39.	0.	759.7	30.9	1
2254	0	604	37.7156	89.6024	-918.7	MO	1.56	1.84	0.49	1.181	3.765	3.188	521	42.	0.	759.7	30.8	1
2255	0	600	37.7156	89.6030	-920.7	MO	2.21	2.95	0.36	1.336	8.130	6.084	644.	46.	0.	758.7	30.8	1
2256	10	600	37.7155	89.6038	-922.0	MO	3.23	1.48	0.37	0.0	0.0	8.699	774.	51.	5.	758.7	30.8	1
2257	10	576	37.7155	89.6045	-924.0	MO	3.14	1.37	0.64	0.0	0.0	4.889	861.	39.	6.	758.7	30.8	1
2258	0	564	37.7155	89.6052	-924.2	MO	4.32	2.36	0.77	0.548	3.056	5.578	924.	37.	3.	758.7	30.8	1
2259	10	540	37.7155	89.6058	-925.5	MO	4.00	0.36	1.10	0.0	0.0	3.630	1040.	35.	9.	758.7	30.8	1
2260	10	512	37.7155	89.6065	-928.0	MO	5.29	0.64	0.87	0.0	0.0	6.076	1047.	33.	11.	758.7	30.8	1
2261	10	500	37.7155	89.6072	-929.0	MO	6.89	0.20	0.76	0.0	0.0	9.009	1137.	42.	6.	758.7	30.8	1
2262	10	464	37.7155	89.6078	-930.2	MO	4.44	0.01	1.21	0.0	0.0	3.661	1134.	37.	9.	758.7	30.8	1
2263	10	416	37.7155	89.6086	-933.5	MO	5.08	1.05	0.69	0.0	0.0	7.397	1081.	48.	5.	758.7	30.8	1
2264	10	384	37.7155	89.6092	-934.5	MO	4.16	1.19	1.01	0.0	0.0	4.121	1073.	38.	5.	758.7	30.8	1
2265	0	364	37.7155	89.6099	-935.7	MO	4.79	2.47	0.86	0.516	2.880	5.585	1103.	52.	2.	758.7	30.8	1
2266	0	364	37.7155	89.6106	-937.7	MO	3.91	2.05	0.79	0.524	2.606	4.973	1184.	52.	0.	758.7	30.8	1
2267	0	384	37.7155	89.6112	-940.7	MO	7.01	2.25	1.15	0.320	1.951	6.089	1261.	42.	0.	758.7	30.8	1
2268	0	400	37.7154	89.6119	-943.5	MO	4.08	1.93	1.17	0.472	1.650	3.494	1278.	46.	0.	759.7	30.8	1
2269	0	416	37.7154	89.6126	-945.7	MO	5.49	3.01	0.79	0.548	3.792	6.916	1363.	45.	0.	759.2	30.8	1
2270	0	416	37.7154	89.6133	-946.7	MO	5.00	2.52	1.28	0.505	1.973	3.909	1364.	41.	0.	758.7	30.8	1
2271	0	424	37.7154	89.6140	-949.2	MO	7.15	1.81	1.24	0.253	1.457	5.769	1453.	39.	0.	758.7	30.8	1
2272	0	436	37.7154	89.6147	-954.7	MO	7.56	3.16	1.16	0.418	2.735	6.539	1473.	43.	0.	758.7	30.7	1
2273	0	416	37.7154	89.6153	-955.5	MO	5.08	1.67	1.12	0.329	1.498	4.552	1348.	37.	0.	758.7	30.8	1
2274	10	408	37.7154	89.6160	-957.5	MO	4.91	1.14	0.96	0.0	0.0	5.141	1188.	48.	2.	759.2	30.7	1
2275	0	376	37.7154	89.6167	-960.5	MO	5.45	1.51	0.87	0.276	1.722	6.232	1151.	35.	1.	758.1	30.7	1
2276	0	388	37.7154	89.6174	-962.0	MO	4.23	1.81	0.92	0.428	1.963	4.590	1132.	35.	3.	757.1	30.7	1
2277	0	440	37.7154	89.6181	-964.0	MO	6.52	1.72	0.86	0.263	2.005	7.614	1147.	31.	6.	758.1	30.7	1
2278	0	484	37.7154	89.6187	-967.5	MO	6.40	2.65	0.76	0.413	3.488	8.440	1183.	40.	7.	758.7	30.7	1
2279	10	532	37.7153	89.6194	-969.5	MO	6.09	-0.00	1.16	0.0	0.0	5.266	1264.	43.	8.	758.7	30.7	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2280	10	592	37.7153	89.6201	-972.2	OJD	6.87	0.47	1.19	0.0	0.0	5.781	1441.	38.	14.	758.7	30.7	1
2281	10	580	37.7153	89.6208	-974.2	OJD	5.09	0.80	1.16	0.0	0.0	4.378	1458.	29.	14.	757.6	30.7	1
2282	10	536	37.7153	89.6215	-976.5	OJD	5.38	-0.28	0.85	0.0	0.0	6.299	1295.	39.	12.	757.6	30.7	1
2283	10	516	37.7153	89.6222	-978.7	OJD	7.28	0.72	1.14	0.0	0.0	6.412	1324.	40.	6.	757.6	30.6	1
2284	10	480	37.7153	89.6229	-980.7	OJD	6.35	1.38	0.91	0.0	0.0	6.995	1260.	33.	7.	756.6	30.8	1
2285	10	444	37.7153	89.6235	-981.7	OJD	5.91	1.21	0.98	0.0	0.0	6.016	1229.	34.	7.	757.6	30.8	1
2286	0	440	37.7153	89.6242	-983.2	OJD	4.75	1.40	0.99	0.295	1.424	4.824	1243.	36.	7.	757.6	30.8	1
2287	0	432	37.7153	89.6249	-987.0	OJD	5.64	1.61	0.77	0.285	2.078	7.294	1194.	41.	3.	757.6	30.8	1
2288	10	440	37.7153	89.6255	-988.5	OJD	5.91	1.20	1.24	0.0	0.0	4.783	1270.	41.	2.	758.1	30.8	1
2289	10	428	37.7153	89.6263	-990.0	OJD	4.69	1.17	0.95	0.0	0.0	4.944	1215.	44.	4.	758.1	30.8	1
2290	10	412	37.7153	89.6269	-990.5	OJD	4.83	1.11	1.06	0.0	0.0	4.568	1209.	46.	7.	757.1	30.8	1
2291	10	400	37.7152	89.6276	-993.2	OJD	6.02	0.59	1.04	0.0	0.0	5.806	1237.	27.	6.	757.6	30.8	1
2292	0	400	37.7152	89.6283	-995.2	OJD	6.50	2.37	0.89	0.364	2.661	7.304	1332.	26.	4.	758.7	30.8	1
2293	0	404	37.7152	89.6289	-996.2	OJD	6.96	1.67	0.95	0.240	1.759	7.332	1293.	34.	2.	758.7	30.9	1
2294	10	384	37.7152	89.6297	-998.5	OJD	5.02	0.98	1.08	0.0	0.0	4.657	1226.	35.	7.	758.7	30.8	1
2295	0	392	37.7152	89.6303	-1000.7	OJD	6.02	2.96	1.05	0.492	2.831	5.759	1224.	41.	4.	759.7	30.9	1
2296	0	424	37.7152	89.6310	-1001.0	OJD	5.19	2.86	1.17	0.551	2.442	4.432	1332.	43.	5.	759.7	31.0	1
2297	10	440	37.7152	89.6317	-1003.0	OJD	7.65	1.17	1.08	0.0	0.0	7.114	1306.	35.	6.	759.7	31.0	1
2298	0	460	37.7152	89.6323	-1005.5	OJD	4.40	1.48	1.30	0.337	1.144	3.393	1256.	41.	5.	759.7	31.0	1
2299	10	436	37.7152	89.6330	-1006.7	OJD	6.95	1.42	1.05	0.0	0.0	6.615	1240.	41.	4.	759.7	31.0	1
2300	10	424	37.7152	89.6337	-1007.2	OJD	5.77	1.12	1.03	0.0	0.0	5.625	1269.	41.	3.	758.7	31.0	1
2301	0	456	37.7152	89.6344	-1008.7	OJD	5.43	2.53	1.00	0.466	2.526	5.420	1399.	44.	1.	758.7	31.0	1
2302	0	500	37.7152	89.6351	-1009.5	OJD	7.33	2.24	1.18	0.305	1.891	6.205	1446.	44.	3.	758.7	31.0	1
2303	0	484	37.7152	89.6358	-1009.2	OJD	7.96	2.11	1.41	0.265	1.490	5.631	1577.	37.	2.	758.7	31.0	1
2304	10	472	37.7152	89.6365	-1009.0	OJD	7.31	1.00	1.52	0.0	0.0	4.816	1609.	42.	8.	758.7	31.1	1
2305	0	468	37.7151	89.6371	-1009.2	OJD	6.02	1.71	1.44	0.284	1.185	4.172	1495.	33.	5.	757.6	31.1	1
2306	0	432	37.7151	89.6378	-1011.7	OJD	5.95	1.87	1.05	0.314	1.774	5.651	1470.	47.	6.	757.6	31.1	1
2307	0	404	37.7151	89.6385	-1011.5	OJD	5.29	1.35	1.32	0.256	1.023	3.997	1524.	37.	8.	757.6	31.1	1
2308	10	428	37.7151	89.6392	-1012.7	OJD	8.91	1.16	1.27	0.0	0.0	7.009	1540.	41.	3.	757.6	31.1	1
2309	0	408	37.7151	89.6398	-1013.7	OJD	5.91	1.89	1.16	0.320	1.633	5.111	1554.	40.	6.	758.1	31.1	1
2310	0	384	37.7151	89.6406	-1012.5	OJD	7.57	2.77	1.14	0.365	2.415	6.617	1551.	39.	5.	758.1	31.1	1
2311	0	348	37.7151	89.6412	-1013.0	OJD	6.15	3.05	1.24	0.496	2.465	4.968	1488.	51.	6.	758.1	31.2	1
2312	10	324	37.7151	89.6419	-1013.5	OJD	7.36	0.92	1.29	0.0	0.0	5.704	1470.	49.	1.	758.7	31.2	1
2313	0	320	37.7151	89.6426	-1013.2	OJD	8.24	2.45	1.04	0.297	2.357	7.933	1531.	27.	0.	758.7	31.2	1
2314	0	344	37.7151	89.6432	-1013.2	OJD	7.80	1.63	1.32	0.209	1.229	5.890	1593.	39.	0.	758.7	31.1	1
2315	0	312	37.7151	89.6440	-1014.5	OJD	8.29	2.63	1.24	0.318	2.127	6.697	1518.	41.	1.	759.7	31.1	1
2316	0	344	37.7151	89.6446	-1015.2	ODP	7.66	1.34	1.76	0.175	0.761	4.343	1627.	42.	4.	758.7	31.1	1
2317	0	340	37.7151	89.6453	-1015.0	ODP	8.24	1.67	1.26	0.202	1.326	6.553	1615.	35.	3.	758.7	31.1	1
2318	0	324	37.7150	89.6460	-1014.7	ODP	8.00	3.06	1.05	0.383	2.919	7.623	1555.	40.	1.	759.7	31.1	1
2319	0	324	37.7150	89.6466	-1017.5	ODP	9.37	2.40	1.29	0.256	1.858	7.255	1615.	37.	0.	759.7	31.2	1
2320	0	348	37.7150	89.6474	-1019.0	ODP	7.20	2.57	1.23	0.357	2.090	5.853	1560.	59.	0.	759.7	31.2	1
2321	0	392	37.7150	89.6480	-1018.7	ODP	7.46	1.90	1.43	0.254	1.329	5.229	1697.	45.	3.	759.7	31.2	1
2322	10	392	37.7150	89.6487	-1020.7	ODP	8.22	0.02	1.51	0.0	0.0	5.434	1644.	38.	5.	759.7	31.2	1
2323	0	388	37.7150	89.6494	-1019.5	ODP	9.83	1.65	1.32	0.168	1.251	7.447	1698.	34.	0.	759.7	31.2	1
2324	0	376	37.7150	89.6500	-1020.7	ODP	8.81	2.37	1.40	0.269	1.696	6.312	1668.	38.	0.	758.7	31.1	1
2325	0	364	37.7150	89.6507	-1023.2	ODP	5.78	2.82	1.39	0.488	2.036	4.169	1604.	47.	3.	758.7	31.1	1
2326	0	360	37.7150	89.6514	-1021.7	ODP	7.64	1.52	1.63	0.199	0.928	4.676	1600.	57.	0.	758.7	31.1	1
2327	0	352	37.7150	89.6522	-1022.0	ODP	5.05	2.86	1.21	0.565	2.360	4.175	1536.	37.	5.	758.1	31.1	1
2328	10	368	37.7150	89.6527	-1028.2	ODP	9.56	0.44	1.28	0.0	0.0	7.481	1523.	47.	5.	758.1	31.1	1
2329	0	392	37.7150	89.6535	-1031.7	ODP	5.99	4.24	1.14	0.707	3.727	5.272	1558.	39.	1.	758.1	31.0	1
2330	10	412	37.7150	89.6542	-1030.5	ODP	8.24	0.94	1.43	0.0	0.0	5.748	1444.	41.	3.	757.6	31.0	1
2331	0	376	37.7150	89.6548	-1033.5	ODP	8.56	2.60	0.87	0.304	2.981	9.808	1348.	39.	2.	756.6	31.0	1
2332	10	388	37.7149	89.6555	-1037.0	ODP	6.42	1.03	1.07	0.0	0.0	6.021	1368.	40.	4.	756.6	31.0	1

* TAGS			* LOCATION			*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2333	0	400	37.7149	89.6562	-1038.5		ODP	5.56	2.62	1.36	0.471	1.923	4.081	1415.	37.	3.	757.6	31.0	1
2334	0	444	37.7149	89.6569	-1042.0		ODP	7.40	1.88	1.08	0.254	1.750	6.876	1506.	47.	0.	757.6	31.0	1
2335	0	448	37.7149	89.6576	-1045.5		ODP	6.46	4.81	1.19	0.745	4.028	5.410	1614.	37.	1.	757.6	31.0	1
2336	0	436	37.7149	89.6582	-1048.0		ODP	5.28	3.20	1.40	0.606	2.283	3.765	1560.	34.	3.	758.7	30.9	1
2337	0	420	37.7149	89.6589	-1048.5		ODP	7.46	2.00	1.35	0.268	1.484	5.530	1471.	32.	5.	758.7	30.9	1
2338	0	416	37.7149	89.6596	-1051.7		ODP	6.34	2.58	1.33	0.406	1.936	4.765	1524.	43.	2.	758.7	30.9	1
2339	0	436	37.7149	89.6603	-1054.0		ODP	9.11	1.56	1.55	0.171	1.006	5.876	1590.	36.	3.	758.7	30.9	1
2340	0	432	37.7149	89.6610	-1057.7		ODP	7.68	3.03	1.15	0.395	2.637	6.677	1588.	25.	4.	759.2	30.9	1
2341	10	444	37.7149	89.6617	-1061.5		ODP	9.54	1.14	1.40	0.0	0.0	6.828	1681.	38.	5.	759.2	30.9	1
2342	0	472	37.7149	89.6623	-1062.5		ODP	7.49	2.89	1.63	0.386	1.774	4.598	1818.	46.	4.	758.7	30.9	1
2343	0	456	37.7149	89.6630	-1066.0		ODP	6.87	2.43	1.45	0.354	1.683	4.752	1739.	36.	4.	758.7	31.0	1
2344	0	432	37.7149	89.6637	-1069.7		ODP	10.66	2.13	1.68	0.200	1.266	6.338	1802.	35.	0.	759.2	31.0	1
2345	0	416	37.7148	89.6644	-1073.0		ODP	8.80	3.28	1.33	0.373	2.462	6.610	1856.	31.	0.	759.2	31.0	1
2346	0	400	37.7148	89.6651	-1075.0		ODP	7.44	4.34	1.58	0.584	2.751	4.712	1824.	48.	1.	758.1	31.0	1
2347	0	400	37.7148	89.6657	-1078.2		ODP	9.58	2.24	1.54	0.233	1.448	6.204	1678.	44.	0.	758.1	31.1	1
2348	0	416	37.7148	89.6664	-1081.2		ODP	7.98	2.76	1.66	0.346	1.667	4.812	1743.	43.	1.	758.7	31.1	1
2349	0	396	37.7148	89.6671	-1083.0		ODP	9.11	2.03	1.37	0.223	1.484	6.670	1720.	50.	1.	757.6	31.2	1
2350	0	404	37.7148	89.6677	-1085.0		ODP	6.71	2.59	1.47	0.387	1.766	4.568	1646.	47.	2.	756.6	31.3	1
2351	0	428	37.7148	89.6684	-1087.5		ODP	7.81	4.31	1.85	0.552	2.332	4.223	1863.	39.	0.	757.6	31.3	1
2352	0	440	37.7148	89.6691	-1089.5		ODP	7.63	4.53	1.49	0.594	3.034	5.111	1753.	30.	0.	758.1	31.2	1
2353	0	440	37.7148	89.6699	-1092.5		ODP	8.69	2.81	1.54	0.324	1.832	5.662	1766.	47.	3.	757.1	31.2	1
2354	0	460	37.7148	89.6705	-1095.7		ODP	7.96	3.76	1.10	0.472	3.418	7.242	1756.	49.	1.	758.1	31.1	1
2355	0	460	37.7148	89.6711	-1097.5		ODP	6.43	3.93	1.67	0.611	2.356	3.854	1728.	36.	0.	759.2	31.1	1
2356	0	436	37.7148	89.6719	-1100.0		ODP	7.98	2.45	1.38	0.307	1.776	5.785	1699.	37.	5.	759.2	31.1	1
2357	0	428	37.7148	89.6725	-1100.7		ODP	7.88	1.66	1.78	0.211	0.934	4.421	1703.	42.	3.	758.1	31.0	1
2358	0	482	37.7147	89.6732	-1102.2		ODP	10.20	1.70	1.27	0.167	1.344	8.043	1752.	42.	2.	758.7	31.0	1
2359	10	476	37.7147	89.6739	-1105.0		ODP	7.36	1.36	1.62	0.0	0.0	4.540	1748.	35.	5.	759.7	31.0	1
2360	0	424	37.7147	89.6746	-1107.5		ODP	6.59	4.26	1.14	0.647	3.745	5.792	1779.	34.	1.	758.7	31.0	1
2361	0	424	37.7147	89.6753	-1107.2		ODP	8.89	2.33	1.45	0.262	1.609	6.135	1711.	45.	4.	757.6	31.0	1
2362	0	408	37.7147	89.6759	-1106.7		ODP	6.46	4.19	1.46	0.648	2.877	4.438	1717.	39.	3.	757.6	31.0	1
2363	0	400	37.7147	89.6766	-1109.2		ODP	9.80	2.44	1.21	0.249	2.012	8.084	1713.	35.	1.	758.7	31.0	1
2364	10	408	37.7147	89.6773	-1111.2		ODP	9.52	0.37	1.71	0.0	0.0	5.57[illegible]	1764.	50.	2.	758.7	31.0	1
2365	0	400	37.7147	89.6780	-1113.2		ODP	8.45	3.56	1.28	0.422	2.788	6.613	1735.	50.	1.	758.7	31.0	1
2366	0	404	37.7147	89.6787	-1114.5		ODP	6.31	4.84	1.36	0.767	3.554	4.633	1724.	41.	0.	758.7	31.1	1
2367	0	392	37.7147	89.6794	-1115.5		ODP	6.77	3.02	1.54	0.447	1.957	4.381	1756.	48.	1.	759.7	31.2	1
2368	10	384	37.7147	89.6800	-1116.5		ODP	7.90	0.95	1.43	0.0	0.0	5.509	1639.	39.	1.	758.7	31.2	1
2369	0	340	37.7146	89.6807	-1117.0		ODP	8.04	3.14	1.16	0.390	2.711	6.943	1578.	33.	0.	757.6	31.2	1
2370	10	364	37.7146	89.6814	-1116.5		ODP	7.84	1.13	1.61	0.0	0.0	4.859	1644.	50.	1.	757.6	31.1	1
2371	0	376	37.7146	89.6821	-1118.2		ODP	6.85	3.77	1.50	0.550	2.514	4.572	1734.	38.	0.	757.6	31.2	1
2372	0	360	37.7146	89.6827	-1120.5		ODP	5.14	2.57	1.42	0.500	1.815	3.630	1598.	59.	3.	758.7	31.2	1
2373	10	364	37.7146	89.6834	-1121.2		ODP	9.56	0.85	1.50	0.0	0.0	6.354	1707.	35.	0.	758.7	31.3	1
2374	0	380	37.7146	89.6841	-1120.2		ODP	9.03	3.27	1.38	0.362	2.374	6.551	1627.	38.	0.	759.7	31.3	1
2375	0	392	37.7146	89.6848	-1120.5		ODP	8.62	2.55	1.40	0.296	1.819	6.154	1706.	35.	3.	759.7	31.3	1
2376	0	392	37.7146	89.6854	-1122.5		ODP	5.92	2.92	1.47	0.494	1.984	4.019	1680.	44.	3.	758.7	31.3	1
2377	10	392	37.7146	89.6861	-1124.7		ODP	9.60	0.84	1.27	0.0	0.0	7.588	1589.	42.	7.	758.7	31.4	1
2378	0	408	37.7146	89.6868	-1124.7		ODP	9.57	2.13	1.29	0.223	1.647	7.398	1689.	42.	3.	758.7	31.4	1
2379	0	428	37.7146	89.6876	-1123.5		ODP	7.45	1.78	1.52	0.239	1.175	4.915	1645.	40.	8.	757.6	31.4	1
2380	10	436	37.7145	89.6882	-1123.2		ODP	8.44	1.33	1.28	0.0	0.0	6.572	1648.	48.	6.	758.7	31.5	1
2381	0	444	37.7145	89.6888	-1124.7		ODP	7.50	2.37	1.22	0.317	1.950	6.160	1572.	44.	3.	758.7	31.4	1
2382	0	480	37.7145	89.6896	-1125.0		ODP	8.44	1.75	1.32	0.207	1.324	6.400	1663.	48.	3.	758.7	31.4	1
2383	0	428	37.7145	89.6902	-1125.2		ODP	6.69	1.77	1.35	0.264	1.313	4.970	1507.	35.	4.	759.7	31.4	1
2384	10	464	37.7145	89.6910	-1127.5		ODP	7.81	0.57	1.63	0.0	0.0	4.796	1572.	35.	7.	759.7	31.4	1
2385	0	496	37.7145	89.6916	-1126.2		ODP	9.73	1.86	1.26	0.191	1.475	7.707	1664.	35.	1.	758.7	31.4	1

CP9 IP12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2386	0	520	37.7145	89.6923	-1126.2		ODP	8.75	2.37	1.26	0.271	1.884	6.959	1678.	40.	5.	758.7	31.3	1
2387	0	548	37.7145	89.6930	-1128.0		ODP	7.21	2.93	1.47	0.406	1.997	4.918	1694.	37.	11.	757.6	31.3	1
2388	10	552	37.7144	89.6936	-1126.5		ODP	7.07	0.44	1.56	0.0	0.0	4.531	1715.	39.	9.	757.6	31.2	1
2389	10	520	37.7144	89.6944	-1128.7		ODP	7.04	0.81	1.39	0.0	0.0	5.050	1538.	36.	10.	757.6	31.2	1
2390	0	440	37.7144	89.6950	-1129.0		ODP	5.55	2.16	1.20	0.389	1.798	4.621	1368.	28.	7.	758.7	31.2	1
2391	0	456	37.7144	89.6957	-1127.0		ODP	4.39	2.25	1.16	0.511	1.929	3.772	1366.	48.	9.	758.7	31.1	1
2392	10	444	37.7144	89.6964	-1127.5		ODP	5.32	0.63	1.28	0.0	0.0	4.141	1435.	37.	12.	758.7	31.1	1
2393	10	404	37.7144	89.6970	-1128.7		ODP	6.97	1.00	1.00	0.0	0.0	6.949	1366.	48.	9.	758.7	31.1	1
2394	0	384	37.7144	89.6977	-1128.0		ODP	7.84	2.39	1.00	0.305	2.381	7.808	1345.	49.	9.	758.7	31.0	1
2395	0	380	37.7144	89.6984	-1128.5		ODP	4.95	2.43	1.00	0.492	2.424	4.926	1364.	38.	5.	757.6	31.0	1
2396	10	364	37.7144	89.6991	-1129.2		ODP	4.57	0.61	1.31	0.0	0.0	3.492	1359.	43.	8.	757.6	31.0	1
2397	0	372	37.7144	89.6997	-1128.2		ODP	5.97	1.91	1.30	0.320	1.472	4.596	1312.	41.	0.	758.1	31.0	1
2398	0	404	37.7144	89.7005	-1128.0		ODP	6.24	1.80	1.32	0.289	1.365	4.733	1513.	31.	2.	758.1	31.0	1
2399	0	392	37.7144	89.7011	-1128.2		ODP	6.64	2.24	1.10	0.338	2.039	6.033	1531.	32.	3.	759.2	31.0	1
2400	0	416	37.7143	89.7018	-1129.7		ODP	7.94	2.45	1.27	0.309	1.930	6.242	1620.	26.	1.	759.7	31.0	1
2401	0	432	37.7143	89.7025	-1128.7		ODP	8.11	1.93	1.46	0.237	1.322	5.566	1633.	43.	1.	758.7	31.0	1
2402	10	452	37.7143	89.7031	-1128.0		ODP	8.71	1.41	1.54	0.0	0.0	5.650	1672.	39.	7.	757.6	31.0	1
2403	0	468	37.7143	89.7039	-1128.7		ODP	5.76	2.70	1.37	0.469	1.973	4.211	1649.	48.	7.	758.1	31.0	1
2404	0	492	37.7143	89.7045	-1127.2		ODP	8.70	2.10	1.20	0.241	1.757	7.280	1616.	42.	7.	758.1	31.0	1
2405	10	508	37.7143	89.7053	-1126.7		ODP	8.03	0.21	1.61	0.0	0.0	4.994	1650.	48.	12.	757.1	31.0	1
2406	10	528	37.7143	89.7059	-1128.2		ODP	8.96	0.44	1.58	0.0	0.0	5.685	1711.	46.	11.	757.6	31.0	1
2407	10	516	37.7143	89.7065	-1129.0		ODP	6.51	1.19	1.31	0.0	0.0	4.956	1537.	50.	15.	758.7	31.0	1
2408	10	536	37.7143	89.7073	-1127.7		ODP	9.11	0.37	1.23	0.0	0.0	7.410	1637.	39.	14.	758.7	31.0	1
2409	10	536	37.7143	89.7079	-1126.5		ODP	6.06	1.06	1.35	0.0	0.0	4.493	1591.	43.	12.	758.7	31.0	1
2410	10	524	37.7143	89.7087	-1125.2		ODP	7.36	-0.13	1.28	0.0	0.0	5.739	1595.	42.	15.	758.7	31.0	1
2411	10	484	37.7143	89.7093	-1124.7		ODP	5.57	0.56	1.57	0.0	0.0	3.545	1459.	41.	11.	758.7	31.0	1
2412	10	472	37.7143	89.7100	-1125.5		ODP	4.63	0.61	1.35	0.0	0.0	3.441	1388.	44.	12.	758.7	31.0	1
2413	0	468	37.7142	89.7107	-1124.5		ODP	8.61	2.07	1.16	0.240	1.784	7.421	1425.	55.	3.	758.7	31.0	1
2414	0	436	37.7142	89.7114	-1122.7		ODP	5.88	2.87	0.78	0.488	3.656	7.487	1298.	29.	4.	757.6	31.0	1
2415	0	412	37.7142	89.7121	-1122.5		ODP	6.35	1.87	1.09	0.294	1.718	5.838	1270.	39.	0.	756.6	31.0	1
2416	0	420	37.7142	89.7127	-1121.5		ODP	5.11	3.11	1.21	0.608	2.577	4.241	1353.	43.	0.	756.6	31.0	1
2417	10	448	37.7142	89.7134	-1120.5		ODP	8.40	1.32	1.40	0.0	0.0	5.999	1501.	39.	1.	758.7	31.0	1
2418	0	480	37.7142	89.7141	-1119.2		ODP	6.79	2.14	1.32	0.316	1.624	5.147	1580.	34.	1.	758.7	30.9	1
2419	0	484	37.7142	89.7148	-1119.0		ODP	9.57	3.88	1.13	0.405	3.431	8.462	1648.	45.	0.	758.7	30.9	1
2420	10	500	37.7142	89.7155	-1118.2		ODP	8.55	1.03	1.53	0.0	0.0	5.592	1715.	42.	0.	759.7	30.9	1
2421	0	476	37.7142	89.7161	-1119.0		ODP	7.57	2.07	1.21	0.273	1.714	6.267	1653.	38.	3.	759.2	30.9	1
2422	10	460	37.7142	89.7169	-1117.5		ODP	9.40	1.49	1.11	0.0	0.0	8.470	1602.	37.	0.	757.1	30.9	1
2423	0	452	37.7142	89.7175	-1115.2		ODP	7.60	2.49	1.15	0.327	2.161	6.606	1587.	33.	2.	757.1	30.9	1
2424	0	452	37.7142	89.7183	-1115.0		ODP	6.42	2.30	1.18	0.358	1.945	5.429	1522.	38.	5.	758.1	30.9	1
2425	0	460	37.7142	89.7189	-1115.0		ODP	9.01	2.87	1.57	0.318	1.833	5.759	1652.	50.	3.	758.7	30.9	1
2426	10	452	37.7142	89.7196	-1114.0		ODP	7.71	1.26	1.63	0.0	0.0	4.721	1707.	47.	7.	758.7	30.9	1
2427	0	460	37.7141	89.7204	-1111.7		ODP	7.37	3.82	1.16	0.518	3.281	6.336	1688.	40.	7.	758.7	31.0	1
2428	0	448	37.7141	89.7210	-1107.2		ODP	6.54	2.17	1.36	0.333	1.594	4.792	1723.	38.	7.	758.7	31.0	1
2429	0	436	37.7141	89.7217	-1102.2		ODP	10.37	3.17	1.27	0.306	2.491	8.143	1738.	44.	4.	758.1	31.0	1
2430	0	428	37.7141	89.7224	-1103.2		ODP	7.00	2.73	1.30	0.390	2.095	5.376	1567.	52.	6.	758.1	31.0	1
2431	10	432	37.7141	89.7231	-1105.2		ODP	7.49	0.83	1.43	0.0	0.0	5.235	1635.	42.	6.	759.2	31.0	1
2432	0	444	37.7141	89.7237	-1104.5		ODP	6.78	3.48	1.29	0.514	2.704	5.263	1805.	46.	6.	759.7	31.0	1
2433	0	452	37.7141	89.7244	-1104.2		ODP	6.97	4.20	1.55	0.603	2.706	4.491	1817.	47.	0.	759.7	31.0	1
2434	0	440	37.7141	89.7251	-1104.0		ODP	8.22	2.10	1.52	0.255	1.377	5.397	1769.	40.	2.	758.7	30.9	1
2435	0	412	37.7141	89.7258	-1102.5		ODP	6.62	3.37	1.56	0.508	2.157	4.241	1673.	43.	0.	757.1	31.0	1
2436	0	400	37.7141	89.7265	-1101.7		ODP	9.52	4.05	1.02	0.426	3.960	9.293	1669.	46.	0.	758.1	31.0	1
2437	0	416	37.7141	89.7272	-1099.0		ODP	6.78	2.95	1.48	0.435	1.988	4.568	1714.	47.	0.	759.2	31.0	1
2438	0	420	37.7141	89.7279	-1098.0		ODP	10.27	3.35	1.29	0.327	2.591	7.928	1769.	41.	0.	758.7	31.0	1

CP9 IP 12

* ID	TAGS QUAL	ALT	LAT	* LOCATION LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
2439	0	404	37.7141	89.7286	-1097.2		ODP	8.43	2.18	1.65	0.258	1.318	5.099	1790.	53.	0.	758.7	31.1	1
2440	0	388	37.7141	89.7293	-1094.5		ODP	9.67	2.73	1.67	0.282	1.629	5.774	1914.	29.	0.	759.7	31.1	1
2441	0	380	37.7140	89.7300	-1093.5		ODP	7.15	3.45	1.50	0.482	2.304	4.775	1854.	41.	3.	758.7	31.2	1
2442	0	372	37.7140	89.7307	-1092.5		ODP	10.74	2.27	1.45	0.211	1.567	7.432	1842.	32.	0.	757.6	31.3	1
2443	0	368	37.7140	89.7313	-1090.0		ODP	9.85	3.11	1.43	0.316	2.178	6.903	1877.	32.	1.	757.6	31.3	1
2444	0	368	37.7140	89.7320	-1089.2		ODP	7.67	2.58	1.53	0.337	1.686	5.011	1761.	44.	3.	757.6	31.3	1
2445	0	372	37.7140	89.7327	-1088.7		ODP	8.90	3.55	1.42	0.398	2.503	6.283	1779.	38.	6.	758.7	31.3	1
2446	0	364	37.7140	89.7334	-1084.2		ODP	7.61	3.20	0.99	0.420	3.223	7.666	1761.	39.	7.	758.7	31.3	1
2447	0	360	37.7140	89.7341	-1084.0		ODP	7.48	1.41	1.44	0.188	0.979	5.206	1619.	42.	10.	758.7	31.4	1
2448	0	360	37.7140	89.7348	-1082.2		ODP	9.06	1.97	1.41	0.218	1.398	6.413	1697.	51.	7.	758.7	31.3	1
2449	0	356	37.7140	89.7354	-1080.7		ODP	8.22	2.39	1.17	0.290	2.039	7.025	1665.	45.	10.	757.6	31.3	1
2450	0	368	37.7139	89.7362	-1079.5		ODP	7.83	2.60	1.57	0.333	1.655	4.976	1800.	32.	11.	757.6	31.2	1
2451	0	392	37.7139	89.7368	-1080.0		ODP	7.47	3.19	1.48	0.426	2.159	5.063	1808.	40.	7.	757.6	31.1	1
2452	0	380	37.7139	89.7375	-1079.2		ODP	9.39	1.51	1.36	0.161	1.111	6.889	1743.	45.	7.	757.6	31.1	1
2453	0	372	37.7139	89.7382	-1077.2		ODP	7.02	2.76	1.47	0.393	1.871	4.764	1702.	37.	6.	758.7	31.1	1
2454	0	376	37.7139	89.7389	-1075.5		ODP	8.19	3.11	1.43	0.380	2.180	5.733	1779.	42.	4.	759.7	31.1	1
2455	0	332	37.7139	89.7396	-1072.5		ODP	6.37	2.87	1.01	0.451	2.851	6.321	1572.	32.	2.	759.7	31.2	1
2456	0	348	37.7139	89.7403	-1070.7		ODP	8.57	1.37	1.45	0.160	0.949	5.928	1636.	39.	2.	759.7	31.2	1
2457	0	372	37.7139	89.7410	-1070.2		ODP	7.05	2.50	1.53	0.354	1.636	4.622	1794.	30.	1.	758.7	31.2	1
2458	0	376	37.7139	89.7417	-1070.2		ODP	8.77	2.15	1.33	0.246	1.614	6.569	1719.	38.	3.	758.7	31.1	1
2459	0	372	37.7139	89.7424	-1068.2		ODP	8.88	2.64	1.43	0.298	1.853	6.223	1632.	35.	3.	758.7	31.1	1
2460	0	384	37.7138	89.7430	-1066.5		ODP	5.21	4.28	1.23	0.823	3.473	4.222	1643.	42.	1.	757.6	31.1	1
2461	0	400	37.7138	89.7437	-1064.7		ODP	8.91	2.94	1.27	0.330	2.310	6.999	1702.	45.	2.	756.6	31.1	1
2462	0	380	37.7138	89.7444	-1061.7		ODP	9.22	2.32	1.12	0.251	2.068	8.232	1706.	40.	3.	757.6	31.1	1
2463	0	380	37.7138	89.7452	-1060.2		ODP	7.06	4.00	1.14	0.566	3.521	6.221	1740.	35.	0.	758.7	31.1	1
2464	0	388	37.7138	89.7458	-1059.2		ODP	6.85	2.27	1.62	0.331	1.397	4.227	1721.	54.	3.	758.7	31.1	1
2465	0	388	37.7138	89.7465	-1056.5		ODP	6.27	4.43	1.16	0.705	3.827	5.425	1662.	50.	3.	758.7	31.1	1
2466	0	408	37.7138	89.7472	-1055.0		ODP	6.17	2.98	1.20	0.482	2.489	5.158	1746.	46.	3.	757.6	31.1	1
2467	0	420	37.7138	89.7479	-1053.5		ODP	9.94	2.37	1.65	0.239	1.439	6.022	1783.	35.	3.	757.6	31.1	1
2468	0	436	37.7138	89.7486	-1051.7		ODP	7.98	2.87	1.29	0.360	2.233	6.207	1651.	45.	0.	757.6	31.1	1
2469	0	440	37.7138	89.7492	-1049.2		ODP	9.90	2.99	1.24	0.302	2.412	7.995	1629.	46.	0.	758.7	31.1	1
2470	10	424	37.7138	89.7500	-1048.2		ODP	5.45	1.20	1.20	0.0	0.0	4.554	1532.	41.	3.	758.7	31.1	1
2471	10	440	37.7137	89.7506	-1046.2		ODP	6.86	1.25	1.20	0.0	0.0	5.704	1409.	48.	2.	758.7	31.2	1
2472	0	448	37.7137	89.7513	-1043.5		ODP	6.36	1.52	1.03	0.239	1.474	6.167	1353.	49.	0.	759.7	31.2	1
2473	0	484	37.7137	89.7520	-1041.7		ODP	6.79	2.27	1.11	0.334	2.053	6.145	1510.	36.	6.	759.7	31.2	1
2474	10	472	37.7137	89.7527	-1039.2		ODP	7.12	1.44	1.32	0.0	0.0	5.400	1501.	45.	5.	758.7	31.2	1
2475	0	420	37.7137	89.7534	-1037.7		ODP	5.68	2.55	0.99	0.449	2.581	5.746	1379.	39.	4.	758.7	31.2	1
2476	10	408	37.7137	89.7541	-1036.5		ODP	5.48	1.11	1.21	0.0	0.0	4.528	1363.	35.	5.	757.6	31.2	1
2477	0	396	37.7137	89.7547	-1035.0		ODP	6.50	2.45	0.91	0.377	2.681	7.107	1366.	30.	3.	757.6	31.2	1
2478	0	392	37.7137	89.7555	-1032.0		ODP	8.13	1.95	1.10	0.240	1.765	7.370	1397.	33.	3.	758.7	31.2	1
2479	0	412	37.7137	89.7561	-1030.2		ODP	8.24	3.77	1.25	0.457	3.007	6.574	1573.	27.	0.	758.7	31.2	1
2480	0	444	37.7137	89.7569	-1030.2		ODP	8.44	3.01	1.11	0.357	2.717	7.616	1630.	38.	2.	758.7	31.2	1
2481	0	464	37.7137	89.7576	-1028.5		ODP	6.47	4.07	1.30	0.629	3.127	4.975	1703.	51.	0.	758.7	31.2	1
2482	0	440	37.7137	89.7582	-1027.2		ODP	7.63	4.37	1.14	0.572	3.846	6.720	1646.	40.	0.	757.6	31.1	1
2483	0	428	37.7137	89.7589	-1025.2		ODP	5.76	3.98	1.25	0.691	3.191	4.620	1644.	44.	0.	756.6	31.1	1
2484	0	420	37.7137	89.7596	-1024.7		ODP	6.26	2.17	1.44	0.347	1.510	4.356	1589.	42.	0.	757.6	31.1	1
2485	0	424	37.7137	89.7603	-1022.7		ODP	8.14	1.47	1.56	0.181	0.944	5.225	1732.	48.	0.	759.2	31.1	1
2486	0	428	37.7136	89.7609	-1021.5		ODP	8.17	3.77	1.20	0.462	3.137	6.789	1790.	31.	0.	759.2	31.1	1
2487	0	448	37.7136	89.7617	-1019.7		ODP	7.35	5.97	1.37	0.812	4.364	5.372	1834.	33.	0.	758.7	31.1	1
2488	10	468	37.7136	89.7623	-1017.5		ODP	9.76	1.08	1.84	0.0	0.0	5.319	1762.	50.	0.	758.7	31.1	1
2489	0	464	37.7136	89.7631	-1016.7		ODP	7.09	3.10	1.35	0.437	2.289	5.238	1733.	45.	1.	757.6	31.1	1
2490	0	452	37.7136	89.7637	-1016.0		ODP	7.44	2.90	1.49	0.390	1.952	5.011	1792.	28.	0.	756.6	31.2	1
2491	0	448	37.7136	89.7644	-1013.5		ODP	7.54	1.93	1.30	0.256	1.491	5.817	1578.	37.	4.	757.6	31.4	1

*	TAGS		* LOCATION		*		REDUCED DATA											
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
2492	0	428	37.7136	89.7651	-1013.5	ODP	4.61	3.20	1.11	0.695	2.879	4.145	1470.	44.	1.	758.7	31.4	1
2493	0	432	37.7135	89.7658	-1012.5	ODP	5.75	3.73	1.10	0.648	3.388	5.226	1464.	34.	3.	759.2	31.3	1
2494	0	408	37.7135	89.7665	-1010.7	ODP	7.53	2.69	1.05	0.357	2.567	7.185	1427.	33.	1.	758.1	31.3	1
2495	0	412	37.7135	89.7672	-1009.2	ODP	7.43	1.79	1.29	0.241	1.392	5.769	1520.	45.	0.	756.1	31.2	1
2496	0	444	37.7135	89.7679	-1007.7	ODP	7.66	4.15	1.23	0.541	3.363	6.212	1686.	39.	0.	757.1	31.2	1
2497	0	444	37.7135	89.7686	-1006.0	ODP	9.82	2.93	1.48	0.299	1.986	6.650	1881.	31.	0.	758.7	31.3	1
2498	0	424	37.7135	89.7692	-1006.0	ODP	9.29	1.95	1.36	0.210	1.438	6.852	1768.	45.	0.	758.7	31.3	1
2499	0	416	37.7135	89.7699	-1004.2	ODP	10.25	1.93	1.77	0.188	1.091	5.796	1894.	36.	1.	758.7	31.3	1
2500	0	416	37.7135	89.7706	-1002.7	ODP	9.41	3.02	1.47	0.321	2.052	6.383	1818.	48.	0.	758.1	31.3	1
2501	0	412	37.7135	89.7713	-1003.0	ODP	9.18	2.95	1.66	0.321	1.780	5.539	1922.	31.	7.	757.6	31.3	1
2502	0	412	37.7135	89.7720	-1002.2	ODP	7.70	4.18	1.32	0.544	3.182	5.852	1775.	46.	5.	757.6	31.2	1
2503	10	412	37.7134	89.7726	-1000.0	ODP	9.56	1.57	1.68	0.0	0.0	5.705	1912.	50.	6.	758.7	31.2	1
2504	0	396	37.7134	89.7734	-997.7	ODP	8.65	3.67	1.50	0.425	2.450	5.770	1946.	37.	8.	758.7	31.2	1
2505	0	376	37.7134	89.7740	-996.2	ODP	10.32	1.78	1.93	0.172	0.922	5.346	1937.	52.	9.	758.1	31.2	1
2506	10	356	37.7134	89.7748	-996.0	ODP	11.41	1.04	1.50	0.0	0.0	7.634	1924.	44.	8.	758.1	31.1	1
2507	0	356	37.7134	89.7754	-995.0	ODP	8.85	2.61	1.35	0.295	1.933	6.555	1861.	38.	8.	758.1	31.1	1
2508	0	372	37.7134	89.7761	-993.5	ODP	8.96	3.58	1.50	0.400	2.392	5.977	1922.	33.	6.	759.2	31.1	1
2509	0	368	37.7134	89.7769	-992.0	ODP	10.16	3.66	1.37	0.361	2.681	7.436	1911.	42.	6.	760.2	31.1	1
2510	0	356	37.7134	89.7775	-989.5	ODP	7.46	3.72	1.65	0.498	2.247	4.509	1849.	36.	4.	760.2	31.1	1
2511	0	360	37.7134	89.7782	-988.5	ODP	10.75	2.12	1.49	0.197	1.420	7.217	1854.	46.	4.	758.1	31.1	1
2512	0	368	37.7134	89.7789	-988.0	ODP	8.14	2.53	1.30	0.311	1.949	6.267	1824.	39.	4.	758.1	31.1	1
2513	0	380	37.7134	89.7796	-986.5	ODP	10.14	2.65	1.31	0.261	2.014	7.713	1832.	41.	3.	758.1	31.1	1
2514	0	396	37.7134	89.7802	-985.5	ODP	13.13	2.87	1.25	0.218	2.300	10.539	1920.	34.	0.	759.2	31.1	1
2515	0	412	37.7133	89.7810	-984.0	ODP	10.04	3.52	1.45	0.350	2.419	6.903	1771.	32.	2.	759.2	31.1	1
2516	0	420	37.7133	89.7816	-982.0	ODP	8.60	4.99	1.45	0.580	3.442	5.932	1750.	32.	0.	759.2	31.1	1
2517	0	428	37.7133	89.7824	-981.5	ODP	10.72	4.54	1.32	0.423	3.430	8.105	1854.	43.	0.	758.7	31.1	1
2518	0	392	37.7133	89.7830	-979.2	ODP	4.65	4.23	1.22	0.909	3.453	3.799	1645.	35.	0.	758.7	31.1	1
2519	0	424	37.7133	89.7837	-976.7	ODP	6.81	4.37	1.09	0.642	4.001	6.237	1631.	41.	0.	758.7	31.2	1
2520	0	432	37.7133	89.7844	-975.0	OJD	5.45	3.68	1.61	0.675	2.286	3.386	1675.	38.	2.	758.7	31.1	1
2521	0	428	37.7133	89.7851	-972.7	OJD	7.75	3.80	1.25	0.491	3.049	6.214	1707.	41.	0.	758.7	31.1	1
2522	0	436	37.7133	89.7858	-971.2	OJD	6.69	3.68	1.69	0.549	2.177	3.964	1785.	33.	1.	759.7	31.1	1
2523	0	432	37.7133	89.7865	-970.5	OJD	6.41	3.96	1.71	0.618	2.312	3.743	1766.	58.	0.	758.7	31.2	1
2524	0	428	37.7133	89.7872	-969.5	OJD	7.17	2.38	1.27	0.332	1.871	5.635	1699.	51.	2.	757.6	31.2	1
2525	0	444	37.7133	89.7878	-967.7	OJD	6.70	3.53	1.52	0.527	2.326	4.418	1770.	34.	4.	758.7	31.2	1
2526	0	440	37.7133	89.7885	-965.7	OJD	8.75	4.95	1.34	0.566	3.685	6.509	1777.	36.	0.	758.7	31.2	1
2527	0	444	37.7133	89.7892	-963.2	OJD	7.23	3.69	1.53	0.511	2.422	4.738	1802.	46.	4.	758.7	31.2	1
2528	0	444	37.7133	89.7900	-962.0	OJD	8.00	2.17	1.26	0.271	1.719	6.334	1693.	42.	6.	759.2	31.2	1
2529	0	444	37.7133	89.7906	-959.0	OJD	8.23	4.22	1.17	0.513	3.597	7.013	1703.	43.	1.	758.1	31.2	1
2530	10	452	37.7132	89.7913	-957.5	OJD	7.52	0.97	1.40	0.0	0.0	5.383	1767.	40.	8.	757.1	31.1	1
2531	10	472	37.7132	89.7920	-955.5	OJD	8.66	1.25	1.31	0.0	0.0	6.598	1717.	39.	8.	757.6	31.1	1
2532	10	464	37.7132	89.7927	-953.2	OJD	8.24	0.17	1.73	0.0	0.0	4.754	1710.	25.	8.	758.7	31.1	1
2533	10	468	37.7132	89.7934	-951.2	ODP	7.85	1.02	1.43	0.0	0.0	5.473	1782.	44.	9.	759.7	31.1	1
2534	0	432	37.7132	89.7941	-948.7	ODP	5.82	3.21	1.14	0.551	2.814	5.107	1540.	44.	11.	758.7	31.1	1
2535	10	408	37.7132	89.7947	-945.7	ODP	6.50	0.92	1.13	0.0	0.0	5.760	1493.	48.	9.	757.6	31.1	1
2536	10	408	37.7132	89.7954	-943.5	ODP	7.69	0.57	1.42	0.0	0.0	5.426	1512.	32.	7.	757.6	31.1	1
2537	0	408	37.7132	89.7961	-942.5	ODP	5.93	3.52	1.38	0.594	2.557	4.306	1623.	37.	3.	757.6	31.1	1
2538	10	436	37.7132	89.7968	-940.2	ODP	10.71	0.57	1.56	0.0	0.0	6.877	1611.	40.	4.	758.7	31.1	1
2539	0	440	37.7132	89.7975	-938.7	ODP	5.54	2.35	1.20	0.425	1.957	4.611	1592.	57.	6.	759.2	31.1	1
2540	0	440	37.7132	89.7982	-936.0	ODP	6.87	2.15	1.32	0.313	1.625	5.199	1561.	51.	2.	758.1	31.2	1
2541	0	440	37.7132	89.7989	-934.0	ODP	7.17	2.63	1.56	0.367	1.686	4.590	1674.	45.	3.	758.1	31.2	1
2542	0	448	37.7131	89.7995	-932.7	ODP	8.46	1.79	1.60	0.212	1.117	5.271	1708.	34.	5.	758.1	31.2	1
2543	0	448	37.7131	89.8003	-930.0	ODP	8.81	2.04	1.22	0.232	1.677	7.234	1668.	25.	6.	759.2	31.2	1
2544	0	440	37.7131	89.8009	-927.5	ODP	9.81	3.47	1.34	0.354	2.596	7.324	1717.	46.	1.	759.7	31.2	1

* ID	TAGS QUAL	ALT	LAT	* LOCATION LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
2545	0	456	37.7131	89.8017	-927.7		ODP	8.86	2.93	1.40	0.331	2.094	6.321	1711.	42.	5.	758.7	31.3	1
2546	10	444	37.7131	89.8023	-925.2		ODP	8.20	1.26	1.23	0.0	0.0	6.670	1616.	41.	5.	757.6	31.1	1
2547	0	452	37.7131	89.8030	-924.0		OJD	7.93	1.62	1.42	0.204	1.143	5.601	1601.	39.	5.	757.6	31.2	1
2548	10	460	37.7130	89.8037	-921.2		OJD	5.27	1.45	1.32	0.0	0.0	3.982	1586.	49.	9.	758.7	31.2	1
2549	0	456	37.7130	89.8044	-919.7		OJD	5.75	2.60	1.31	0.452	1.983	4.383	1512.	38.	4.	758.7	31.2	1
2550	0	460	37.7130	89.8051	-917.5		OJD	5.97	2.67	1.22	0.448	2.195	4.900	1534.	39.	5.	758.7	31.1	1
2551	0	444	37.7130	89.8057	-917.0		OJD	6.53	2.20	1.05	0.337	2.095	6.221	1623.	38.	6.	758.7	31.1	1
2552	0	412	37.7130	89.8065	-916.0		OJD	8.64	2.60	1.01	0.302	2.586	8.577	1601.	39.	5.	758.1	31.1	1
2553	0	388	37.7130	89.8071	-913.2		OJD	6.91	2.32	1.14	0.336	2.033	6.047	1534.	36.	2.	758.1	31.2	1
2554	0	380	37.7130	89.8079	-913.0		OJD	6.09	1.64	1.06	0.269	1.552	5.763	1424.	52.	1.	759.2	31.1	1
2555	0	372	37.7130	89.8085	-911.7		OJD	6.99	1.83	1.14	0.262	1.610	6.152	1477.	45.	1.	759.2	31.1	1
2556	0	364	37.7130	89.8092	-909.2		OJD	7.02	2.59	1.23	0.369	2.106	5.715	1523.	43.	0.	759.2	31.1	1
2557	0	364	37.7130	89.8099	-906.5		OJD	7.33	2.15	1.44	0.293	1.498	5.106	1496.	35.	1.	758.1	31.1	1
2558	10	360	37.7130	89.8106	-906.5		OJD	7.73	0.85	1.19	0.0	0.0	6.511	1488.	41.	4.	758.1	31.1	1
2559	0	364	37.7129	89.8113	-904.2		OJD	7.38	1.56	0.94	0.212	1.656	7.819	1433.	50.	3.	758.7	31.0	1
2560	0	368	37.7129	89.8120	-902.7		OJD	7.92	1.75	1.08	0.221	1.626	7.353	1484.	45.	4.	758.7	30.9	1
2561	0	372	37.7129	89.8126	-902.2		OJD	4.60	2.37	1.21	0.515	1.952	3.793	1407.	50.	5.	759.7	31.0	1
2562	0	368	37.7129	89.8134	-899.7		OJD	8.47	2.00	1.56	0.236	1.283	5.442	1631.	30.	4.	759.7	31.1	1
2563	10	384	37.7129	89.8140	-896.7		OJD	7.63	1.37	1.23	0.0	0.0	6.177	1560.	39.	7.	758.1	31.1	1
2564	0	480	37.7129	89.8147	-895.5		OJD	8.11	3.83	1.59	0.472	2.413	5.114	1891.	41.	7.	758.1	31.2	1
2565	0	396	37.7129	89.8154	-894.2		OJD	9.24	2.58	1.56	0.279	1.656	5.927	1744.	39.	5.	759.2	31.3	1
2566	0	404	37.7129	89.8161	-893.7		OJD	6.33	3.05	1.32	0.481	2.313	4.806	1704.	36.	4.	759.2	31.3	1
2567	10	420	37.7129	89.8168	-893.5		OJD	11.05	1.55	1.37	0.0	0.0	8.057	1734.	47.	5.	758.1	31.3	1
2568	0	436	37.7129	89.8175	-892.7		OJD	9.90	4.29	1.19	0.433	3.602	8.318	1824.	48.	0.	758.1	31.3	1
2569	0	440	37.7129	89.8182	-891.2		OJD	8.82	2.42	1.47	0.275	1.644	5.987	1770.	38.	4.	757.6	31.3	1
2570	0	448	37.7129	89.8189	-892.0		OJD	10.24	2.43	1.48	0.238	1.643	6.911	1899.	45.	3.	757.6	31.3	1
2571	0	444	37.7129	89.8196	-889.5		OJD	8.01	2.92	1.61	0.364	1.816	4.990	1801.	48.	3.	758.7	31.3	1
2572	0	444	37.7129	89.8202	-889.0		OJD	11.10	2.55	1.55	0.230	1.652	7.179	1797.	42.	3.	758.7	31.3	1
2573	10	456	37.7129	89.8209	-888.2		OJD	10.97	-0.56	1.62	0.0	0.0	6.770	1833.	51.	6.	757.6	31.2	1
2574	0	464	37.7128	89.8216	-889.0		OJD	8.01	4.42	1.63	0.551	2.704	4.904	1992.	39.	4.	756.6	31.2	1
2575	0	456	37.7128	89.8223	-888.2		OJD	10.47	1.81	1.25	0.173	1.448	8.365	1793.	41.	4.	757.6	31.2	1
2576	0	448	37.7128	89.8230	-889.5		OJD	9.21	3.24	1.74	0.352	1.867	5.297	1903.	33.	0.	758.7	31.2	1
2577	0	448	37.7128	89.8237	-889.2		OJD	7.73	3.18	1.58	0.411	2.006	4.878	1733.	44.	3.	758.7	31.2	1
2578	0	444	37.7128	89.8244	-890.0		OJD	8.43	2.43	1.55	0.288	1.570	5.450	1808.	37.	7.	758.7	31.1	1
2579	10	432	37.7128	89.8250	-890.5		OJD	7.34	1.43	1.44	0.0	0.0	5.104	1766.	25.	6.	758.7	31.1	1
2580	10	432	37.7128	89.8257	-890.7		OJD	7.43	1.24	1.47	0.0	0.0	5.068	1707.	40.	7.	758.7	31.1	1
2581	0	444	37.7128	89.8264	-891.0		OJD	5.52	2.20	1.65	0.399	1.335	3.345	1650.	37.	1.	758.7	31.1	1
2582	0	456	37.7128	89.8272	-893.2		OJD	6.12	2.09	1.38	0.341	1.511	4.429	1515.	43.	4.	759.7	31.2	1
2583	10	468	37.7128	89.8278	-894.5		OJD	6.22	0.72	0.96	0.0	0.0	6.492	1278.	57.	7.	758.7	31.1	1
2584	0	496	37.7128	89.8285	-892.0		OJD	4.92	2.32	0.88	0.471	2.634	5.593	1272.	47.	5.	757.6	31.1	1
2585	0	536	37.7128	89.8292	-893.2		OJD	5.52	2.85	1.08	0.516	2.629	5.096	1371.	34.	6.	758.7	31.2	1
2586	10	504	37.7127	89.8299	-894.5		OJD	5.02	1.16	1.27	0.0	0.0	3.939	1278.	49.	8.	758.7	31.2	1
2587	10	520	37.7127	89.8306	-895.0		OJD	7.16	1.31	1.23	0.0	0.0	5.809	1483.	30.	8.	759.7	31.2	1
2588	0	512	37.7127	89.8313	-894.7		OJD	5.29	2.18	1.07	0.412	2.035	4.943	1425.	46.	6.	759.7	31.1	1
2589	10	484	37.7127	89.8319	-895.5		OJD	7.90	0.10	1.38	0.0	0.0	5.706	1458.	43.	11.	758.7	31.1	1
2590	0	468	37.7127	89.8326	-895.2		OJD	7.74	2.79	0.95	0.361	2.945	8.168	1445.	45.	7.	758.7	31.1	1
2591	10	456	37.7127	89.8334	-894.5		OJD	6.54	1.20	1.00	0.0	0.0	6.561	1331.	48.	6.	759.7	31.1	1
2592	0	448	37.7127	89.8340	-892.7		OJD	4.95	1.57	1.38	0.318	1.136	3.575	1495.	37.	7.	759.7	31.1	1
2593	0	444	37.7127	89.8347	-891.2		OJD	5.77	2.43	1.12	0.421	2.180	5.175	1338.	41.	4.	758.7	31.1	1
2594	10	448	37.7127	89.8354	-890.7		OJD	6.37	-0.08	1.22	0.0	0.0	5.209	1258.	40.	7.	756.6	31.1	1
2595	0	460	37.7126	89.8361	-888.7		OJD	3.74	2.78	0.92	0.744	3.009	4.045	1256.	38.	5.	757.6	31.2	1
2596	10	484	37.7126	89.8368	-887.2		OJD	6.78	1.52	1.14	0.0	0.0	5.968	1334.	40.	6.	759.7	31.2	1
2597	10	524	37.7126	89.8375	-885.2		OJD	3.64	1.58	1.58	0.0	0.0	2.305	1256.	56.	8.	758.7	31.2	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2598	0	520	37.7126	89.8382	-883.2	OJD	3.87	2.14	0.92	0.552	2.319	4.200	1228.	31.	8.	758.7	31.2	1
2599	10	500	37.7126	89.8389	-880.0	OJD	4.29	0.79	1.18	0.0	0.0	3.645	1097.	51.	7.	758.7	31.2	1
2600	0	496	37.7126	89.8395	-877.7	OJD	2.75	1.72	0.89	0.624	1.921	3.079	971.	40.	9.	758.7	31.2	1
2601	10	516	37.7126	89.8402	-876.2	OJD	3.77	-0.03	1.09	0.0	0.0	3.460	1002.	36.	10.	759.7	31.2	1
2602	0	512	37.7126	89.8409	-872.0	OJD	4.19	2.19	1.06	0.522	2.068	3.959	1160.	38.	6.	759.7	31.2	1
2603	10	460	37.7125	89.8416	-868.0	OJD	6.57	1.40	1.12	0.0	0.0	5.850	1320.	38.	6.	758.1	31.2	1
2604	10	444	37.7125	89.8422	-865.7	OJD	8.26	1.39	1.09	0.0	0.0	7.576	1487.	36.	2.	758.1	31.2	1
2605	10	436	37.7125	89.8430	-861.2	OJD	7.29	0.60	1.23	0.0	0.0	5.902	1417.	52.	5.	759.7	31.3	1
2606	0	440	37.7125	89.8437	-856.7	OJD	7.82	3.27	1.10	0.418	2.972	7.103	1497.	42.	0.	759.7	31.3	1
2607	0	452	37.7125	89.8443	-852.2	OJD	6.47	3.74	1.21	0.578	3.100	5.363	1671.	39.	0.	758.7	31.3	1
2608	0	444	37.7125	89.8451	-848.2	OJD	8.17	3.02	1.37	0.370	2.204	5.961	1731.	37.	0.	757.6	31.2	1
2609	0	440	37.7125	89.8457	-845.2	OJD	8.69	1.89	1.72	0.217	1.098	5.046	1819.	41.	0.	758.7	31.2	1
2610	0	440	37.7125	89.8465	-839.7	OJD	8.23	2.99	1.56	0.363	1.919	5.279	1802.	34.	0.	759.7	31.1	1
2611	0	440	37.7125	89.8471	-835.0	OJD	7.44	2.16	1.57	0.290	1.369	4.725	1763.	41.	4.	758.7	31.2	1
2612	0	440	37.7125	89.8478	-833.0	OJD	9.80	4.04	1.56	0.412	2.590	6.291	1839.	30.	0.	757.6	31.2	1
2613	0	440	37.7125	89.8485	-829.2	OJD	7.47	3.41	1.64	0.457	2.074	4.540	1837.	39.	6.	758.7	31.2	1
2614	0	436	37.7125	89.8492	-826.0	OJD	7.02	4.58	1.40	0.653	3.284	5.028	1730.	41.	7.	758.7	31.1	1
2615	10	436	37.7125	89.8499	-821.5	OJD	9.17	1.37	1.55	0.0	0.0	5.914	1867.	40.	9.	757.6	31.1	1
2616	10	432	37.7125	89.8506	-819.7	OJD	7.96	0.77	1.43	0.0	0.0	5.571	1672.	41.	10.	757.6	31.0	1
2617	0	440	37.7125	89.8512	-818.7	OJD	6.85	2.51	1.34	0.366	1.870	5.111	1622.	45.	8.	758.7	31.0	1
2618	10	452	37.7124	89.8519	-818.2	OJD	6.62	1.09	1.74	0.0	0.0	3.814	1699.	28.	10.	758.7	31.0	1
2619	10	444	37.7124	89.8526	-817.5	OJD	9.17	-0.17	1.37	0.0	0.0	6.674	1728.	31.	10.	758.7	31.0	1
2620	0	444	37.7124	89.8533	-817.5	OJD	7.12	3.93	1.33	0.552	2.949	5.345	1759.	29.	8.	757.6	31.0	1
2621	0	436	37.7124	89.8540	-819.0	OJD	7.70	2.99	1.40	0.389	2.134	5.486	1719.	35.	7.	758.7	31.0	1
2622	10	424	37.7124	89.8547	-821.2	OJD	9.21	1.02	1.54	0.0	0.0	5.975	1667.	40.	8.	759.7	31.0	1
2623	10	408	37.7124	89.8554	-823.5	OJD	9.60	1.04	1.49	0.0	0.0	6.422	1681.	47.	6.	758.1	31.0	1
2624	0	392	37.7124	89.8561	-827.7	OJD	7.60	2.24	1.51	0.295	1.485	5.030	1671.	38.	6.	757.6	31.0	1
2625	0	396	37.7124	89.8568	-833.7	OJD	8.86	1.89	1.71	0.213	1.103	5.172	1758.	36.	8.	758.7	31.1	1
2626	0	392	37.7124	89.8574	-840.0	OJD	7.99	2.46	1.57	0.308	1.566	5.079	1705.	36.	6.	759.7	31.1	1
2627	10	388	37.7124	89.8582	-847.7	OJD	9.11	1.42	1.49	0.0	0.0	6.104	1599.	41.	4.	758.7	31.2	1
2628	0	400	37.7124	89.8588	-855.7	OJD	6.62	1.75	1.57	0.265	1.116	4.212	1619.	37.	7.	757.6	31.2	1
2629	0	424	37.7124	89.8595	-863.5	OJD	5.71	1.83	1.33	0.320	1.370	4.277	1615.	36.	6.	758.7	31.3	1
2630	10	424	37.7124	89.8602	-872.5	OJD	8.41	0.52	1.57	0.0	0.0	5.364	1565.	48.	4.	759.7	31.3	1
2631	0	424	37.7123	89.8609	-881.0	OJD	5.40	3.69	1.16	0.683	3.168	4.638	1511.	43.	2.	757.6	31.3	1
2632	0	428	37.7123	89.8615	-890.5	OJD	4.71	2.56	1.04	0.543	2.456	4.525	1349.	33.	4.	757.1	31.3	1
2633	0	472	37.7123	89.8622	-902.0	OJD	6.30	3.83	0.76	0.608	5.044	8.302	1450.	45.	2.	759.2	31.3	1
2634	0	464	37.7123	89.8629	-911.7	OJD	6.86	3.46	1.34	0.505	2.589	5.131	1413.	48.	0.	759.2	31.2	1
2635	0	444	37.7123	89.8636	-922.0	OJD	6.69	2.61	1.29	0.390	2.019	5.184	1570.	46.	2.	758.1	31.2	1
2636	0	420	37.7124	89.8643	-930.5	OJD	6.30	3.52	1.18	0.560	2.978	5.323	1654.	34.	4.	757.6	31.2	1
2637	0	404	37.7124	89.8651	-940.2	OJD	5.42	3.87	1.32	0.713	2.928	4.104	1620.	40.	1.	758.7	31.1	1
2638	0	408	37.7124	89.8656	-951.5	OJD	6.19	2.55	1.45	0.412	1.754	4.260	1576.	49.	3.	759.7	31.1	1
2639	0	420	37.7124	89.8664	-961.2	OJD	9.38	1.67	1.50	0.178	1.114	6.255	1696.	46.	0.	758.7	31.2	1
2640	0	416	37.7124	89.8671	-969.7	OJD	11.43	2.50	1.31	0.219	1.910	8.730	1668.	40.	0.	757.6	31.1	1
2641	0	416	37.7124	89.8678	-979.0	OJD	9.54	2.19	1.58	0.230	1.388	6.038	1647.	47.	1.	758.7	31.2	1
2642	0	436	37.7124	89.8684	-988.7	OJD	6.85	4.02	1.25	0.587	3.225	5.498	1636.	32.	4.	759.7	31.1	1
2643	0	460	37.7124	89.8691	-994.5	OJD	6.10	3.08	1.40	0.505	2.195	4.346	1636.	35.	4.	759.2	31.2	1
2644	0	452	37.7124	89.8698	-1001.2	OJD	4.89	2.38	1.40	0.487	1.708	3.505	1520.	43.	4.	757.1	31.2	1
2645	0	444	37.7124	89.8705	-1007.2	OJD	6.35	3.11	1.06	0.490	2.926	5.972	1562.	40.	2.	756.1	31.3	1
2646	0	452	37.7124	89.8712	-1011.5	OJD	9.08	1.96	1.27	0.216	1.543	7.156	1500.	42.	2.	758.7	31.3	1
2647	10	452	37.7125	89.8719	-1017.0	OJD	7.16	0.53	1.62	0.0	0.0	4.426	1521.	42.	4.	759.7	31.4	1
2648	0	444	37.7125	89.8725	-1024.0	OJD	7.37	2.86	1.16	0.388	2.473	6.369	1513.	45.	0.	758.1	31.3	1
2649	0	432	37.7125	89.8732	-1028.7	OJD	5.54	2.69	1.28	0.485	2.097	4.322	1560.	47.	0.	757.1	31.3	1
2650	0	420	37.7125	89.8739	-1032.2	OJD	8.37	1.52	1.74	0.182	0.876	4.810	1647.	45.	0.	757.6	31.2	1

FLIGHT LINE	1	1	...A01	FLIGHT LINE	2	584	...M05	FLIGHT LINE	3	1220	...L10	FLIGHT LINE	4	1856	...K15
FLIGHT LINE	1	54	...B01	FLIGHT LINE	2	637	...A06	FLIGHT LINE	3	1273	...M10	FLIGHT LINE	4	1909	...L15
FLIGHT LINE	1	107	...C01	FLIGHT LINE	2	690	...B06	FLIGHT LINE	3	1326	...A11	FLIGHT LINE	4	1962	...M15
FLIGHT LINE	1	160	...D01	FLIGHT LINE	2	743	...C06	FLIGHT LINE	3	1379	...B11	FLIGHT LINE	4	2015	...A16
FLIGHT LINE	1	213	...E01	FLIGHT LINE	2	796	...D06	FLIGHT LINE	3	1432	...C11	FLIGHT LINE	4	2068	...B16
FLIGHT LINE	1	266	...F01	FLIGHT LINE	2	849	...E06	FLIGHT LINE	3	1485	...D11	FLIGHT LINE	4	2121	...C16
FLIGHT LINE	1	319	...G01	FLIGHT LINE	2	902	...F06	FLIGHT LINE	3	1538	...E11	FLIGHT LINE	4	2174	...D16
FLIGHT LINE	1	372	...H01	FLIGHT LINE	2	955	...G06	FLIGHT LINE	3	1591	...F11	FLIGHT LINE	4	2227	...E16
FLIGHT LINE	1	425	...I01	FLIGHT LINE	2	1008	...H06	FLIGHT LINE	3	1644	...G11	FLIGHT LINE	4	2280	...F16
FLIGHT LINE	1	478	...J01	FLIGHT LINE	2	1061	...I06	FLIGHT LINE	3	1697	...H11	FLIGHT LINE	4	2333	...G16
FLIGHT LINE	1	531	...K01	FLIGHT LINE	2	1114	...J06	FLIGHT LINE	3	1750	...I11	FLIGHT LINE	4	2386	...H16
FLIGHT LINE	1	584	...L01	FLIGHT LINE	2	1167	...K06	FLIGHT LINE	3	1803	...J11	FLIGHT LINE	4	2439	...I16
FLIGHT LINE	1	637	...M01	FLIGHT LINE	2	1220	...L06	FLIGHT LINE	3	1856	...K11	FLIGHT LINE	4	2492	...J16
FLIGHT LINE	1	690	...A02	FLIGHT LINE	2	1273	...M06	FLIGHT LINE	3	1909	...L11	FLIGHT LINE	4	2545	...K16
FLIGHT LINE	1	743	...B02	FLIGHT LINE	2	1326	...A07	FLIGHT LINE	3	1962	...M11	FLIGHT LINE	4	2598	...L16
FLIGHT LINE	1	796	...C02	FLIGHT LINE	2	1379	...B07	FLIGHT LINE	3	2015	...A12				
FLIGHT LINE	1	849	...D02	FLIGHT LINE	2	1432	...C07	FLIGHT LINE	3	2068	...B12				
FLIGHT LINE	1	902	...E02	FLIGHT LINE	2	1485	...D07	FLIGHT LINE	3	2121	...C12				
FLIGHT LINE	1	955	...F02	FLIGHT LINE	2	1538	...E07	FLIGHT LINE	3	2174	...D12				
FLIGHT LINE	1	1008	...G02	FLIGHT LINE	2	1591	...F07	FLIGHT LINE	3	2227	...E12				
FLIGHT LINE	1	1061	...H02	FLIGHT LINE	2	1644	...G07	FLIGHT LINE	3	2280	...F12				
FLIGHT LINE	1	1114	...I02	FLIGHT LINE	2	1697	...H07	FLIGHT LINE	3	2333	...G12				
FLIGHT LINE	1	1167	...J02	FLIGHT LINE	2	1750	...I07	FLIGHT LINE	3	2386	...H12				
FLIGHT LINE	1	1220	...K02	FLIGHT LINE	2	1803	...J07	FLIGHT LINE	3	2439	...I12				
FLIGHT LINE	1	1273	...L02	FLIGHT LINE	2	1856	...K07	FLIGHT LINE	3	2492	...J12				
FLIGHT LINE	1	1326	...M02	FLIGHT LINE	2	1909	...L07	FLIGHT LINE	3	2545	...K12				
FLIGHT LINE	1	1379	...A03	FLIGHT LINE	2	1962	...M07	FLIGHT LINE	3	2598	...L12				
FLIGHT LINE	1	1432	...B03	FLIGHT LINE	2	2015	...A08	FLIGHT LINE	3	2651	...M12				
FLIGHT LINE	1	1485	...C03	FLIGHT LINE	2	2068	...B08	FLIGHT LINE	3	2704	...A13				
FLIGHT LINE	1	1538	...D03	FLIGHT LINE	2	2121	...C08	FLIGHT LINE	4	1	...B13				
FLIGHT LINE	1	1591	...E03	FLIGHT LINE	2	2174	...D08	FLIGHT LINE	4	54	...C13				
FLIGHT LINE	1	1644	...F03	FLIGHT LINE	2	2227	...E08	FLIGHT LINE	4	107	...D13				
FLIGHT LINE	1	1697	...G03	FLIGHT LINE	2	2280	...F08	FLIGHT LINE	4	160	...E13				
FLIGHT LINE	1	1750	...H03	FLIGHT LINE	2	2333	...G08	FLIGHT LINE	4	213	...F13				
FLIGHT LINE	1	1803	...I03	FLIGHT LINE	2	2386	...H08	FLIGHT LINE	4	266	...G13				
FLIGHT LINE	1	1856	...J03	FLIGHT LINE	2	2439	...I08	FLIGHT LINE	4	319	...H13				
FLIGHT LINE	1	1909	...K03	FLIGHT LINE	2	2492	...J08	FLIGHT LINE	4	372	...I13				
FLIGHT LINE	1	1962	...L03	FLIGHT LINE	2	2545	...K08	FLIGHT LINE	4	425	...J13				
FLIGHT LINE	1	2015	...M03	FLIGHT LINE	2	2598	...L08	FLIGHT LINE	4	478	...K13				
FLIGHT LINE	1	2068	...A04	FLIGHT LINE	2	2651	...M08	FLIGHT LINE	4	531	...L13				
FLIGHT LINE	1	2121	...B04	FLIGHT LINE	2	2704	...A09	FLIGHT LINE	4	584	...M13				
FLIGHT LINE	1	2174	...C04	FLIGHT LINE	3	1	...B09	FLIGHT LINE	4	637	...A14				
FLIGHT LINE	1	2227	...D04	FLIGHT LINE	3	54	...C09	FLIGHT LINE	4	690	...B14				
FLIGHT LINE	1	2280	...E04	FLIGHT LINE	3	107	...D09	FLIGHT LINE	4	743	...C14				
FLIGHT LINE	1	2333	...F04	FLIGHT LINE	3	160	...E09	FLIGHT LINE	4	796	...D14				
FLIGHT LINE	1	2386	...G04	FLIGHT LINE	3	213	...F09	FLIGHT LINE	4	849	...E14				
FLIGHT LINE	1	2439	...H04	FLIGHT LINE	3	266	...G09	FLIGHT LINE	4	902	...F14				
FLIGHT LINE	1	2492	...I04	FLIGHT LINE	3	319	...H09	FLIGHT LINE	4	955	...G14				
FLIGHT LINE	1	2545	...J04	FLIGHT LINE	3	372	...I09	FLIGHT LINE	4	1008	...H14				
FLIGHT LINE	1	2598	...K04	FLIGHT LINE	3	425	...J09	FLIGHT LINE	4	1061	...I14				
FLIGHT LINE	1	2651	...L04	FLIGHT LINE	3	478	...K09	FLIGHT LINE	4	1114	...J14				
FLIGHT LINE	1	2704	...M04	FLIGHT LINE	3	531	...L09	FLIGHT LINE	4	1167	...K14				
FLIGHT LINE	1	2757	...A05	FLIGHT LINE	3	584	...M09	FLIGHT LINE	4	1220	...L14				
FLIGHT LINE	2	1	...B05	FLIGHT LINE	3	637	...A10	FLIGHT LINE	4	1273	...M14				
FLIGHT LINE	2	54	...C05	FLIGHT LINE	3	690	...B10	FLIGHT LINE	4	1326	...A15				
FLIGHT LINE	2	107	...D05	FLIGHT LINE	3	743	...C10	FLIGHT LINE	4	1379	...B15				
FLIGHT LINE	2	160	...E05	FLIGHT LINE	3	796	...D10	FLIGHT LINE	4	1432	...C15				
FLIGHT LINE	2	213	...F05	FLIGHT LINE	3	849	...E10	FLIGHT LINE	4	1485	...D15				
FLIGHT LINE	2	266	...G05	FLIGHT LINE	3	902	...F10	FLIGHT LINE	4	1538	...E15				
FLIGHT LINE	2	319	...H05	FLIGHT LINE	3	955	...G10	FLIGHT LINE	4	1591	...F15				
FLIGHT LINE	2	372	...I05	FLIGHT LINE	3	1008	...H10	FLIGHT LINE	4	1644	...G15				
FLIGHT LINE	2	425	...J05	FLIGHT LINE	3	1061	...I10	FLIGHT LINE	4	1697	...H15				
FLIGHT LINE	2	478	...K05	FLIGHT LINE	3	1114	...J10	FLIGHT LINE	4	1750	...I15				
FLIGHT LINE	2	531	...L05	FLIGHT LINE	3	1167	...K10	FLIGHT LINE	4	1803	...J15				

* ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK. UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2651	0	416	37.7125	89.8747	-1037.7	OJD	8.03	3.28	1.15	0.409	2.846	6.960	1624.	32.	0.	758.7	31.2	1
2652	10	416	37.7125	89.8752	-1039.7	OJD	6.59	1.29	1.32	0.0	0.0	4.995	1524.	52.	0.	758.7	31.1	1
2653	0	416	37.7125	89.8760	-1042.7	OJD	5.85	2.03	1.26	0.347	1.614	4.649	1505.	45.	1.	756.6	31.1	1
2654	0	408	37.7126	89.8767	-1046.5	OJD	7.90	2.13	1.19	0.270	1.793	6.643	1531.	30.	4.	757.6	31.1	1
2655	0	396	37.7126	89.8774	-1048.5	OJD	6.74	1.83	1.38	0.271	1.323	4.876	1559.	41.	8.	758.7	31.1	1
2656	0	392	37.7126	89.8781	-1050.2	OJD	5.14	3.00	1.09	0.583	2.737	4.693	1508.	47.	12.	758.7	31.1	1
2657	0	392	37.7125	89.8787	-1052.2	OSE-2	7.25	3.52	1.06	0.485	3.318	6.835	1626.	39.	11.	758.7	31.1	1
2658	10	384	37.7126	89.8794	-1053.2	OSE-2	6.03	0.83	1.16	0.0	0.0	5.211	1521.	47.	13.	757.6	31.1	1
2659	0	372	37.7126	89.8801	-1053.0	OSE-2	6.13	2.23	1.16	0.364	1.924	5.285	1511.	40.	8.	756.6	31.1	1
2660	0	368	37.7126	89.8808	-1052.5	OSE-2	7.81	3.16	0.68	0.404	4.663	11.541	1502.	41.	9.	758.7	31.1	1
2661	0	372	37.7126	89.8815	-1055.0	OSE-2	7.67	2.40	1.21	0.313	1.987	6.348	1533.	32.	4.	759.7	31.1	1
2662	0	372	37.7126	89.8821	-1055.5	OSE-2	7.58	1.95	1.48	0.257	1.312	5.103	1570.	45.	1.	758.7	31.0	1
2663	0	364	37.7126	89.8829	-1057.0	OSE-2	5.69	2.72	1.30	0.478	2.087	4.365	1619.	45.	4.	757.6	31.0	1
2664	0	360	37.7126	89.8835	-1058.2	OSE-2	5.01	2.90	1.40	0.578	2.066	3.572	1639.	37.	2.	756.6	31.0	1
2665	0	364	37.7127	89.8842	-1058.7	OSE-2	6.33	4.06	1.21	0.641	3.356	5.232	1566.	52.	0.	758.7	31.0	1
2666	0	372	37.7127	89.8849	-1059.0	OSE-2	8.02	2.90	1.29	0.362	2.252	6.228	1612.	42.	1.	759.7	31.1	1
2667	0	360	37.7127	89.8855	-1058.0	OSE-2	7.44	2.82	1.17	0.379	2.419	6.377	1480.	39.	0.	758.7	31.1	1
2668	0	344	37.7127	89.8863	-1043.0	OSE-2	7.99	2.79	0.81	0.350	3.442	9.844	1349.	39.	0.	757.6	31.1	1
2669	10	328	37.7127	89.8869	-1032.0	OSE-2	5.87	0.50	0.96	0.0	0.0	6.117	1195.	44.	3.	757.6	31.0	1
2670	0	332	37.7127	89.8877	-1042.0	OSE-2	2.60	2.01	1.00	0.772	2.009	2.602	1059.	45.	6.	757.6	31.1	1
2671	0	324	37.7127	89.8883	-1050.7	OSE-2	4.54	2.05	0.68	0.452	3.005	6.645	1024.	32.	4.	758.7	31.1	1
2672	0	320	37.7127	89.8890	-1054.5	OSE-2	5.28	1.41	1.00	0.267	1.416	5.304	1234.	48.	2.	758.7	31.1	1
2673	0	316	37.7127	89.8897	-1060.0	OSE-2	5.33	1.74	1.42	0.326	1.226	3.762	1574.	36.	6.	756.6	31.1	1
2674	0	320	37.7127	89.8904	-1059.0	OSE-2	7.78	2.82	1.03	0.363	2.731	7.529	1677.	41.	4.	757.1	31.1	1
2675	0	332	37.7127	89.8911	-1055.5	OSE-2	7.42	3.23	1.24	0.436	2.602	5.974	1617.	43.	4.	759.2	31.1	1
2676	0	352	37.7128	89.8918	-1056.5	OSE-2	8.47	1.72	1.24	0.203	1.389	6.855	1631.	48.	8.	759.2	31.1	1
2677	0	356	37.7128	89.8924	-1057.5	OSE-2	6.92	2.09	1.08	0.302	1.926	6.381	1497.	46.	9.	758.1	31.1	1
2678	0	356	37.7128	89.8931	-1055.5	OSE-2	5.73	1.45	1.12	0.252	1.292	5.127	1451.	38.	8.	758.1	31.1	1
2679	10	340	37.7128	89.8938	-1054.0	OSE-2	6.29	1.27	1.05	0.0	0.0	6.016	1286.	40.	10.	758.1	31.1	1
2680	10	344	37.7128	89.8945	-1052.5	OSE-2	8.15	1.19	1.14	0.0	0.0	7.154	1322.	45.	6.	758.7	31.1	1
2681	0	352	37.7128	89.8952	-1050.7	OSE-2	7.24	1.84	1.24	0.254	1.476	5.818	1459.	39.	5.	758.7	31.2	1
2682	0	360	37.7128	89.8959	-1051.0	OSE-2	5.40	2.78	1.28	0.514	2.175	4.231	1545.	38.	1.	757.6	31.1	1
2683	0	372	37.7129	89.8965	-1050.7	OSE-2	7.57	3.07	1.22	0.405	2.520	6.220	1557.	36.	0.	758.7	31.2	1
2684	0	364	37.7129	89.8973	-1049.0	OSE-2	7.06	2.92	1.11	0.413	2.618	6.331	1513.	43.	0.	758.7	31.1	1
2685	0	364	37.7129	89.8979	-1047.5	OSE-2	8.09	3.46	0.98	0.427	3.535	8.270	1601.	40.	0.	757.6	31.1	1
2686	0	372	37.7128	89.8986	-1047.2	OSE-2	7.56	2.08	1.21	0.275	1.712	6.228	1592.	40.	0.	757.6	31.0	1
2687	0	384	37.7129	89.8993	-1046.0	OSE-2	7.56	2.03	1.28	0.265	1.587	6.001	1506.	40.	0.	758.7	31.0	1
2688	0	400	37.7129	89.9000	-1046.0	OSE-2	8.16	3.77	0.87	0.462	4.316	9.339	1484.	41.	0.	758.7	31.0	1
2689	0	400	37.7129	89.9007	-1044.2	OSE-2	6.91	3.07	1.31	0.445	2.348	5.279	1515.	38.	0.	757.6	31.0	1
2690	10	396	37.7129	89.9014	-1042.7	OSE-2	7.70	1.24	0.96	0.0	0.0	8.030	1445.	41.	0.	757.6	31.0	1
2691	0	404	37.7129	89.9020	-1040.5	OSE-2	6.06	3.17	1.08	0.523	2.936	5.617	1375.	46.	0.	758.7	31.0	1
2692	0	412	37.7129	89.9027	-1038.5	OJC	7.11	4.44	0.99	0.625	4.462	7.145	1507.	29.	0.	759.7	31.0	1
2693	0	408	37.7129	89.9034	-1037.7	OJC	7.66	2.42	1.15	0.316	2.101	6.653	1435.	32.	0.	759.7	31.0	1
2694	0	404	37.7130	89.9041	-1036.5	OJC	8.82	2.74	0.77	0.310	3.575	11.514	1357.	37.	0.	756.6	31.0	1
2695	0	424	37.7130	89.9048	-1035.2	OJC	4.94	2.00	0.80	0.406	2.498	6.151	1240.	33.	6.	756.6	31.0	1
2696	0	432	37.7130	89.9055	-1034.0	OJC	3.76	1.83	0.73	0.488	2.510	5.1[illegible]	1197.	43.	5.	758.7	31.0	1
2697	10	424	37.7130	89.9061	-1031.7	OJC	6.14	0.87	1.12	0.0	0.0	5.[illegible]0	1274.	34.	6.	758.7	31.0	1
2698	0	408	37.7130	89.9069	-1029.7	OJC	5.37	1.82	1.22	0.339	1.496	4.417	1453.	34.	9.	757.6	30.9	1
2699	10	404	37.7130	89.9075	-1027.7	OJC	5.91	0.94	1.13	0.0	0.0	5.250	1446.	35.	10.	757.6	30.9	1
2700	10	408	37.7130	89.9082	-1025.0	OJC	8.06	-0.41	1.30	0.0	0.0	6.190	1423.	43.	12.	757.6	30.8	1
2701	0	420	37.7130	89.9089	-1022.2	OJC	7.57	1.89	0.93	0.249	2.025	8.118	1388.	35.	9.	758.7	30.8	1
2702	10	440	37.7130	89.9095	-1020.5	OJC	7.25	0.81	1.10	0.0	0.0	6.613	1334.	46.	8.	758.7	30.7	1
2703	10	456	37.7130	89.9103	-1017.7	OJC	6.25	0.90	1.15	0.0	0.0	5.414	1238.	43.	7.	756.6	30.7	1

* ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2704	10	468	37.7130	89.9109	-1016.5		OJC	7.54	0.47	1.00	0.0	0.0	7.559	1283.	41.	8.	756.6	30.7	1
2705	0	472	37.7131	89.9117	-1014.5		OJC	5.24	2.80	0.90	0.533	3.119	5.848	1309.	48.	13.	758.7	30.8	1
2706	10	456	37.7131	89.9123	-1012.0		OJC	6.56	1.43	1.33	0.0	0.0	4.924	1562.	34.	8.	757.6	30.8	1
2707	10	448	37.7131	89.9130	-1008.2		OJC	7.53	0.65	1.60	0.0	0.0	4.699	1564.	46.	9.	755.5	30.8	1
2708	0	444	37.7130	89.9137	-1007.5		OJC	7.12	2.05	1.19	0.288	1.725	5.993	1731.	39.	9.	756.6	30.8	1
2709	0	444	37.7131	89.9144	-1004.2		OJC	8.99	2.21	1.05	0.246	2.098	8.526	1657.	46.	7.	757.6	30.8	1
2710	0	452	37.7131	89.9150	-1002.0		OJC	8.10	2.74	1.30	0.338	2.111	6.238	1700.	37.	7.	756.6	30.8	1
2711	10	460	37.7131	89.9157	-998.2		OJC	8.57	0.20	1.80	0.0	0.0	4.753	1709.	46.	7.	755.5	30.8	1
2712	10	468	37.7131	89.9164	-995.7		OJC	8.94	0.97	1.35	0.0	0.0	6.633	1718.	41.	7.	756.1	30.8	1
2713	0	468	37.7131	89.9171	-993.5		OJC	7.53	2.03	1.21	0.269	1.679	6.241	1605.	43.	7.	757.1	30.8	1
2714	0	472	37.7131	89.9178	-989.2		OJC	9.02	2.73	1.48	0.303	1.846	6.099	1616.	54.	4.	756.1	30.8	1
2715	0	476	37.7131	89.9185	-984.7		OJC	7.62	4.43	1.07	0.582	4.154	7.135	1585.	35.	6.	756.1	30.8	1
2716	10	464	37.7132	89.9191	-982.0		OJC	6.75	0.92	1.42	0.0	0.0	4.754	1657.	46.	9.	757.6	30.6	1
2717	10	440	37.7132	89.9199	-978.7		OJC	8.75	1.36	1.30	0.0	0.0	6.740	1654.	49.	10.	756.6	30.6	1
2718	10	424	37.7132	89.9205	-973.2		OJC	8.67	0.90	1.68	0.0	0.0	5.158	1734.	36.	8.	754.5	30.5	1
2719	0	404	37.7132	89.9213	-970.2		OJC	8.68	1.60	1.35	0.185	1.191	6.453	1682.	52.	5.	756.6	30.6	1
2720	0	400	37.7132	89.9219	-967.0		OJC	6.52	2.37	1.36	0.364	1.739	4.776	1682.	37.	5.	757.6	30.6	1
2721	0	412	37.7132	89.9226	-961.2		OJC	7.89	2.73	1.26	0.346	2.169	6.272	1732.	43.	5.	755.5	30.6	1
2722	0	408	37.7132	89.9233	-957.0		OJC	7.62	2.76	1.22	0.362	2.265	6.265	1781.	50.	3.	756.6	30.6	1
2723	0	480	37.7132	89.9240	-953.0		OJC	8.42	1.86	1.75	0.221	1.068	4.826	1961.	40.	0.	757.6	30.8	1
2724	0	388	37.7132	89.9247	-946.7		OJC	7.80	4.01	1.00	0.514	3.992	7.772	1605.	48.	0.	756.1	30.7	1
2725	10	404	37.7132	89.9254	-943.0		OJC	7.93	1.18	1.29	0.0	0.0	6.164	1517.	42.	0.	756.1	30.8	1
2726	0	428	37.7132	89.9260	-938.2		OJC	5.08	2.56	1.10	0.505	2.334	4.626	1503.	39.	2.	757.1	30.8	1
2727	0	448	37.7133	89.9267	-932.5		OJC	7.10	2.88	1.28	0.406	2.256	5.554	1492.	50.	0.	757.1	30.8	1
2728	0	436	37.7133	89.9274	-926.5		OJC	5.64	3.59	1.21	0.637	2.961	4.645	1405.	36.	3.	756.1	30.8	1
2729	0	432	37.7133	89.9281	-921.0		OJC	3.60	2.74	1.02	0.761	2.681	3.523	1350.	33.	5.	757.1	30.8	1
2730	10	440	37.7133	89.9287	-914.5		OJC	5.39	0.30	1.02	0.0	0.0	5.269	1289.	43.	8.	757.6	30.8	1
2731	10	444	37.7133	89.9295	-910.0		OJC	5.19	1.04	0.94	0.0	0.0	5.525	1312.	33.	7.	756.1	30.8	1
2732	0	460	37.7133	89.9302	-902.7		OJC	4.59	3.29	0.48	0.716	6.876	9.606	1308.	37.	6.	756.1	30.7	1
2733	0	404	37.7133	89.9308	-896.0		OJC	3.45	1.71	0.93	0.496	1.837	3.706	1185.	44.	5.	758.1	30.8	1
2734	0	388	37.7134	89.9315	-889.7		OJC	4.29	3.86	0.80	0.899	4.805	5.343	1205.	31.	1.	757.1	30.7	1
2735	0	376	37.7133	89.9322	-883.2		OJC	4.42	2.30	1.02	0.521	2.252	4.323	1251.	38.	1.	755.5	30.8	1
2736	0	408	37.7133	89.9329	-875.5		OJC	3.88	3.73	0.78	0.963	4.763	4.945	1186.	41.	1.	757.6	30.8	1
2737	0	420	37.7133	89.9335	-868.7		OJC	5.26	2.80	1.01	0.533	2.769	5.199	1266.	33.	0.	758.7	30.8	1
2738	0	428	37.7134	89.9343	-862.0		OJC	5.38	2.86	0.63	0.532	4.519	8.502	1206.	30.	0.	756.6	30.8	1
2739	0	428	37.7134	89.9349	-853.7		OJC	4.47	1.93	0.60	0.431	3.217	7.467	984.	44.	0.	756.6	30.8	1
2740	0	468	37.7134	89.9356	-845.2		OJC	3.72	2.43	0.73	0.654	3.319	5.072	1023.	43.	0.	757.1	30.6	1
2741	0	492	37.7134	89.9363	-837.0		OJC	3.78	1.73	1.00	0.457	1.731	3.788	1076.	45.	2.	755.0	30.7	1
2742	0	536	37.7134	89.9370	-827.7		OJC	5.59	2.45	0.76	0.438	3.204	7.319	1258.	31.	6.	756.1	30.8	1
2743	0	544	37.7134	89.9377	-819.7		OJC	4.85	2.22	1.23	0.458	1.801	3.928	1318.	39.	5.	758.1	30.8	1
2744	0	544	37.7134	89.9384	-810.7		OJC	5.31	2.30	1.03	0.432	2.237	5.175	1316.	28.	5.	756.6	30.8	1
2745	10	544	37.7135	89.9390	-801.0		OJC	4.07	0.73	1.18	0.0	0.0	3.457	1227.	32.	3.	756.1	30.8	1
2746	0	544	37.7135	89.9397	-791.5		OJC	4.32	1.94	1.18	0.450	1.643	3.651	1113.	54.	3.	758.1	30.8	1
2747	0	548	37.7135	89.9404	-782.0		OJC	7.00	1.93	0.93	0.276	2.065	7.494	1212.	42.	2.	757.1	30.8	1
2748	0	540	37.7135	89.9412	-771.7		OJC	4.16	3.07	0.78	0.739	3.957	5.357	1131.	41.	3.	756.1	30.8	1
2749	0	540	37.7135	89.9417	-760.2		OJC	4.99	5.06	0.75	1.013	6.749	6.665	1392.	42.	1.	758.1	30.9	1
2750	0	536	37.7135	89.9425	-749.0		OJC	8.73	2.47	0.85	0.283	2.918	10.328	1413.	42.	0.	757.6	30.8	1
2751	0	524	37.7135	89.9432	-739.7		OJC	4.76	2.45	1.08	0.515	2.266	4.396	1360.	42.	4.	755.5	30.9	1
2752	0	512	37.7135	89.9439	-729.2		OJC	4.43	1.53	0.87	0.345	1.755	5.093	1306.	38.	3.	757.6	30.9	1
2753	10	512	37.7135	89.9445	-720.0		OJC	5.71	0.94	1.06	0.0	0.0	5.397	1256.	42.	7.	758.7	30.9	1
2754	0	496	37.7135	89.9452	-710.2		OJC	5.03	2.86	0.94	0.569	3.058	5.375	1129.	41.	1.	755.5	30.9	1
2755	0	432	37.7135	89.9459	-701.7		OJC	5.14	2.15	0.78	0.418	2.762	6.606	1107.	45.	4.	756.1	30.9	1
2756	0	412	37.7136	89.9466	-693.2		OJC	4.82	2.74	0.80	0.568	3.414	6.016	1140.	46.	1.	758.1	30.8	1

CP 9 1P 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2757	0	372	37.7136	89.9473	-684.2		OJC	4.11	2.67	0.88	0.651	3.032	4.656	1137.	28.	0.	756.1	30.8	1
2758	0	352	37.7136	89.9480	-677.0		OJC	3.59	2.97	0.64	0.828	4.653	5.618	1068.	39.	0.	755.5	30.8	1
2759	0	372	37.7136	89.9486	-668.5		OJC	5.59	2.65	0.66	0.474	4.023	8.481	1141.	42.	0.	757.6	30.8	1
2760	0	384	37.7136	89.9494	-660.7		OJC	4.10	4.70	0.70	1.147	6.682	5.826	1212.	39.	0.	757.6	30.8	1
2761	10	376	37.7136	89.9500	-653.7		OJC	4.30	0.69	0.85	0.0	0.0	5.035	1057.	49.	0.	756.6	30.7	1
2762	0	380	37.7136	89.9508	-648.0		OJC	3.66	2.06	0.83	0.564	2.476	4.390	1192.	50.	0.	757.6	30.7	1
2763	0	388	37.7137	89.9514	-640.7		OJC	5.69	2.46	0.70	0.433	3.500	8.085	1152.	39.	0.	757.6	30.7	1
2764	0	392	37.7137	89.9521	-635.7		OJC	4.67	2.78	0.84	0.596	3.320	5.572	1181.	39.	0.	756.6	30.6	1
2765	0	384	37.7137	89.9528	-631.0		OJC	6.07	2.86	0.71	0.471	4.017	8.523	1210.	32.	0.	757.6	30.6	1
2766	10	380	37.7137	89.9534	-625.0		OJC	4.74	0.86	0.89	0.0	0.0	5.308	1219.	48.	3.	758.7	30.6	1
2767	0	356	37.7137	89.9542	-621.5		OJC	4.92	3.00	0.85	0.609	3.520	5.780	1296.	27.	0.	757.6	30.7	1
2768	0	332	37.7137	89.9548	-617.7		OJC	5.43	2.84	0.92	0.523	3.099	5.922	1300.	38.	1.	756.1	30.7	1
2769	0	304	37.7137	89.9555	-612.0		OJC	5.52	1.99	0.67	0.361	2.989	8.271	1185.	48.	2.	757.1	30.8	1
2770	0	284	37.7137	89.9562	-608.2		OJC	5.02	2.69	0.82	0.537	3.287	6.126	1154.	40.	2.	758.7	30.8	1
2771	0	304	37.7137	89.9569	-605.0		OJC	4.53	2.24	0.69	0.493	3.228	6.542	1161.	39.	1.	757.6	30.8	1
2772	0	340	37.7137	89.9576	-599.5		OJC	4.51	2.91	0.87	0.646	3.333	5.163	1166.	45.	0.	756.6	30.8	1
2773	0	348	37.7137	89.9583	-595.2		OJC	4.14	2.35	0.98	0.568	2.390	4.205	1151.	51.	0.	757.6	30.8	1
2774	0	336	37.7138	89.9589	-590.2		OJC	3.82	3.16	0.78	0.827	4.061	4.909	1119.	46.	0.	756.6	30.8	1
2775	0	324	37.7137	89.9596	-584.7		OJC	4.07	1.65	0.72	0.405	2.284	5.642	1048.	43.	1.	755.5	30.8	1
2776	0	304	37.7137	89.9603	-578.7		OJC	2.91	1.33	0.75	0.457	1.788	3.909	976.	44.	5.	758.1	30.7	1
2777	0	276	37.7137	89.9610	-573.0		OJC	4.07	1.62	0.54	0.397	2.985	7.520	970.	44.	3.	758.1	30.6	1
2778	0	276	37.7138	89.9617	-568.0		OJC	3.80	2.62	0.51	0.688	5.100	7.412	1000.	35.	2.	756.1	30.6	1
2779	0	316	37.7138	89.9624	-562.5		OJC	6.11	1.78	0.82	0.291	2.175	7.465	1143.	40.	4.	757.6	30.6	1
2780	10	332	37.7138	89.9630	-557.5		OJC	5.99	0.62	0.96	0.0	0.0	6.211	1211.	37.	3.	757.6	30.6	1
2781	0	308	37.7138	89.9638	-554.5		OJC	4.58	2.14	0.79	0.466	2.722	5.836	1079.	53.	3.	755.5	30.6	1
2782	0	316	37.7138	89.9644	-549.7		OJC	4.23	2.05	0.66	0.485	3.120	6.435	1108.	41.	3.	757.6	30.5	1
2783	0	356	37.7138	89.9651	-544.5		OJC	4.08	2.93	0.63	0.718	4.680	6.513	1157.	38.	2.	756.6	30.5	1
2784	0	392	37.7138	89.9658	-543.0		OJC	4.91	1.65	0.77	0.335	2.149	6.412	1186.	49.	2.	754.5	30.5	1
2785	0	412	37.7139	89.9665	-540.0		OJC	5.41	1.66	0.88	0.306	1.887	6.163	1179.	57.	2.	757.1	30.5	1
2786	0	388	37.7139	89.9672	-536.0		OJC	4.95	1.36	1.00	0.275	1.360	4.953	1185.	35.	0.	756.1	30.5	1
2787	0	368	37.7139	89.9679	-534.0		OJC	4.51	3.77	0.91	0.837	4.140	4.947	1383.	37.	0.	754.0	30.5	1
2788	0	360	37.7139	89.9685	-530.7		OJC	5.63	2.14	0.93	0.380	2.311	6.079	1315.	45.	0.	756.1	30.5	1
2789	0	364	37.7139	89.9692	-526.7		OJC	4.99	2.63	0.90	0.528	2.937	5.568	1320.	44.	0.	755.5	30.5	1
2790	0	388	37.7139	89.9699	-525.0		OJC	6.68	1.98	1.01	0.296	1.965	6.634	1367.	41.	0.	754.0	30.5	1
2791	0	420	37.7139	89.9706	-522.5		OJC	5.86	2.17	1.12	0.370	1.940	5.241	1313.	44.	0.	756.1	30.5	1
2792	0	424	37.7139	89.9713	-518.0		OJC	6.06	1.68	0.95	0.277	1.761	6.364	1292.	52.	1.	755.0	30.5	1
2793	0	412	37.7139	89.9720	-515.2		OJC	5.41	3.01	1.03	0.557	2.923	5.251	1274.	36.	3.	754.5	30.5	1
2794	10	412	37.7139	89.9726	-512.2		OJC	5.83	0.70	0.94	0.0	0.0	6.179	1303.	37.	9.	756.6	30.4	1
2795	10	408	37.7139	89.9734	-508.0		OJC	5.37	1.25	0.90	0.0	0.0	5.967	1249.	49.	10.	755.5	30.5	1
2796	10	396	37.7140	89.9740	-504.0		OJC	7.65	1.07	1.02	0.0	0.0	7.522	1371.	41.	6.	754.5	30.5	1
2797	0	392	37.7140	89.9747	-500.2		OJC	6.01	2.18	0.92	0.362	2.376	6.555	1353.	43.	7.	755.5	30.5	1
2798	10	396	37.7140	89.9754	-495.2		OJC	7.38	0.88	1.04	0.0	0.0	7.095	1430.	40.	9.	753.5	30.5	1
2799	10	388	37.7140	89.9761	-491.0		OJC	6.59	0.71	1.08	0.0	0.0	6.087	1374.	39.	13.	754.5	30.5	1
2800	10	408	37.7140	89.9768	-488.0		OJC	6.54	0.69	1.17	0.0	0.0	5.602	1320.	40.	10.	756.1	30.6	1
2801	0	400	37.7140	89.9774	-481.7		OJC	5.09	1.77	0.99	0.348	1.793	5.151	1312.	26.	7.	754.0	30.6	1
2802	0	396	37.7140	89.9781	-476.7		OJC	5.93	1.89	0.88	0.319	2.159	6.769	1319.	40.	8.	754.5	30.5	1
2803	10	396	37.7141	89.9788	-471.5		OJC	4.56	0.72	1.02	0.0	0.0	4.486	1287.	44.	11.	755.5	30.5	1
2804	10	384	37.7141	89.9795	-465.7		OJC	8.98	-0.45	1.02	0.0	0.0	8.810	1240.	46.	5.	754.5	30.5	1
2805	0	368	37.7141	89.9802	-460.7		OJC	4.55	2.22	0.60	0.487	3.720	7.642	1151.	30.	9.	755.5	30.5	1
2806	0	356	37.7140	89.9809	-456.5		OJC	3.39	1.81	0.81	0.533	2.232	4.185	1088.	43.	10.	755.0	30.4	1
2807	10	384	37.7141	89.9815	-450.2		OJC	4.67	0.61	0.64	0.0	0.0	7.346	956.	54.	9.	754.0	30.5	1
2808	0	428	37.7141	89.9822	-445.7		OJC	2.90	1.88	0.46	0.648	4.097	6.323	889.	48.	8.	756.6	30.5	1
2809	10	476	37.7141	89.9829	-441.2		OJC	5.17	1.08	0.85	0.0	0.0	6.070	1175.	38.	8.	756.6	30.5	1

CP 9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2810	0	464	37.7141	89.9836	-436.5	OJC	4.84	3.06	0.78	0.632	3.927	6.212	1139.	56.	3.	755.0	30.5	1
2811	10	440	37.7141	89.9843	-432.7	OJC	5.33	0.96	0.79	0.0	0.0	6.715	1151.	42.	4.	756.1	30.5	1
2812	10	424	37.7141	89.9850	-429.5	OJC	4.97	0.70	1.03	0.0	0.0	4.809	1177.	36.	5.	754.5	30.5	1
2813	0	408	37.7141	89.9857	-426.7	OJC	4.75	1.35	1.22	0.285	1.107	3.885	1178.	48.	6.	754.5	30.5	1
2814	0	392	37.7142	89.9864	-424.0	OJC	5.30	2.14	0.91	0.405	2.348	5.799	1256.	39.	5.	756.6	30.6	1
2815	0	392	37.7142	89.9870	-421.2	OJC	6.52	1.92	1.04	0.294	1.839	6.254	1308.	35.	5.	754.5	30.8	1
2816	0	380	37.7142	89.9877	-420.5	OJC	4.98	1.35	0.70	0.271	1.942	7.155	1145.	51.	3.	755.0	30.8	1
2817	10	372	37.7141	89.9884	-420.5	OJC	5.64	0.86	0.73	0.0	0.0	7.683	1127.	33.	1.	756.1	30.8	1
2818	0	376	37.7142	89.9891	-419.2	OJC	4.42	1.80	0.80	0.407	2.237	5.497	1128.	45.	3.	754.5	30.8	1
2819	0	352	37.7142	89.9898	-417.2	OJC	6.39	1.86	0.68	0.291	2.723	9.354	1055.	33.	1.	755.0	30.8	1
2820	0	324	37.7142	89.9905	-417.5	OJC	3.38	1.92	0.62	0.568	3.116	5.482	1038.	44.	3.	754.5	30.8	1
2821	0	312	37.7142	89.9911	-419.0	OJC	4.44	1.26	0.63	0.284	2.003	7.061	932.	40.	1.	754.0	30.8	1
2822	0	348	37.7142	89.9919	-419.5	OJC	2.30	1.86	0.72	0.808	2.594	3.213	903.	41.	2.	755.5	30.8	1
2823	0	404	37.7142	89.9925	-420.7	OJC	4.44	1.68	0.79	0.377	2.134	5.656	995.	42.	3.	754.5	30.8	1
2824	0	452	37.7142	89.9932	-423.0	OJC	5.65	2.34	0.62	0.414	3.748	9.049	1161.	50.	3.	755.0	30.7	1
2825	0	440	37.7143	89.9939	-425.2	OJC	3.83	3.21	0.78	0.837	4.098	4.898	1185.	52.	4.	755.5	30.8	1
2826	0	420	37.7143	89.9947	-427.2	OJC	4.61	1.30	1.01	0.281	1.283	4.560	1198.	50.	4.	753.5	30.7	1
2827	0	412	37.7142	89.9952	-430.0	OJC	5.91	2.28	0.71	0.385	3.218	8.352	1174.	33.	1.	754.5	30.8	1
2828	10	440	37.7142	89.9960	-434.2	OJC	4.53	1.10	0.97	0.0	0.0	4.679	1104.	38.	0.	755.5	30.8	1
2829	0	484	37.7143	89.9967	-437.5	OJC	2.18	1.58	0.90	0.725	1.765	2.434	1014.	51.	2.	754.5	30.8	1
2830	0	488	37.7143	89.9974	-441.0	OJC	3.79	1.96	0.36	0.516	5.467	10.593	816.	39.	4.	755.5	30.7	1
2831	10	488	37.7143	89.9980	-446.7	OJC	3.81	0.71	0.79	0.0	0.0	4.797	887.	41.	0.	755.0	30.7	1
2832	0	472	37.7143	89.9987	-451.5	OJC	2.79	2.88	0.82	1.032	3.515	3.406	1060.	35.	2.	755.0	30.6	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1	0	512	37.6346	88.0003	-545.5	PPST	8.67	2.96	1.08	0.341	2.743	8.046	1639.	34.	10.	761.8	28.4	1
2	0	512	37.6346	88.0010	-545.0	PPST	6.77	2.21	1.26	0.326	1.748	5.354	1636.	29.	11.	761.2	28.4	1
3	0	512	37.6346	88.0017	-546.0	PPST	6.14	3.61	0.97	0.587	3.703	6.307	1595.	44.	9.	761.8	28.5	1
4	10	508	37.6346	88.0023	-546.7	PPST	6.07	-0.73	1.49	0.0	0.0	4.079	1572.	43.	14.	762.8	28.4	1
5	10	504	37.6345	88.0030	-546.2	PPST	7.48	1.59	1.16	0.0	0.0	6.444	1617.	40.	13.	761.2	28.4	1
6	10	504	37.6345	88.0036	-544.5	PPST	6.48	1.27	1.34	0.0	0.0	4.829	1623.	39.	15.	761.8	28.4	1
7	10	500	37.6346	88.0043	-544.7	PPST	8.47	1.04	1.03	0.0	0.0	8.243	1664.	20.	13.	762.3	28.4	1
8	0	500	37.6346	88.0049	-545.5	PPST	6.21	2.28	1.37	0.368	1.662	4.521	1634.	39.	13.	761.8	28.4	1
9	0	504	37.6345	88.0055	-543.7	PPST	8.23	2.20	1.20	0.268	1.835	6.847	1515.	44.	9.	761.8	28.3	1
10	10	504	37.6345	88.0063	-542.0	PPST	6.84	1.48	1.32	0.0	0.0	5.175	1545.	46.	10.	761.2	28.3	1
11	0	508	37.6345	88.0069	-541.2	QAL	6.41	2.34	1.16	0.365	2.021	5.538	1580.	42.	10.	761.8	28.3	1
12	0	504	37.6345	88.0076	-541.0	QAL	6.31	1.87	1.24	0.296	1.514	5.108	1534.	46.	8.	761.8	28.3	1
13	0	504	37.6345	88.0082	-541.7	QAL	6.75	2.40	0.97	0.355	2.462	6.931	1506.	27.	6.	761.8	28.3	1
14	0	512	37.6345	88.0089	-540.7	QAL	6.70	4.26	0.83	0.636	5.165	8.121	1562.	35.	4.	762.8	28.3	1
15	0	512	37.6345	88.0095	-538.7	QAL	6.81	3.96	1.31	0.581	3.033	5.217	1686.	37.	7.	761.2	28.3	1
16	10	512	37.6344	88.0102	-537.0	QAL	8.69	0.97	1.66	0.0	0.0	5.230	1667.	43.	4.	761.8	28.3	1
17	0	516	37.6344	88.0108	-537.0	QAL	6.64	4.37	1.38	0.659	3.157	4.795	1674.	40.	5.	762.3	28.3	1
18	0	520	37.6344	88.0116	-535.2	QAL	6.87	2.12	1.36	0.309	1.562	5.055	1738.	32.	4.	761.2	28.3	1
19	10	524	37.6344	88.0122	-536.2	QAL	7.08	1.21	1.70	0.0	0.0	4.162	1744.	43.	6.	762.8	28.3	1
20	0	524	37.6344	88.0128	-536.7	QAL	8.95	1.98	1.10	0.221	1.798	8.136	1629.	38.	4.	762.8	28.3	1
21	0	524	37.6344	88.0135	-536.2	QAL	7.88	2.21	1.26	0.281	1.758	6.268	1615.	49.	6.	761.2	28.2	1
22	0	524	37.6344	88.0142	-535.0	QAL	6.43	3.64	1.26	0.566	2.883	5.093	1569.	34.	1.	762.3	28.2	1
23	0	528	37.6343	88.0148	-530.2	QAL	6.79	1.73	1.50	0.255	1.156	4.527	1575.	33.	3.	761.8	28.2	1
24	0	532	37.6343	88.0154	-531.2	QAL	6.35	2.96	1.44	0.467	2.052	4.397	1617.	42.	4.	761.2	28.2	1
25	0	532	37.6344	88.0161	-533.0	QAL	7.10	1.81	1.51	0.255	1.197	4.701	1606.	43.	7.	761.8	28.2	1
26	0	536	37.6344	88.0168	-529.5	QAL	6.33	3.03	1.06	0.480	2.872	5.988	1512.	29.	5.	760.2	28.2	1
27	0	540	37.6343	88.0174	-529.2	QAL	6.77	2.16	1.21	0.320	1.793	5.607	1611.	35.	11.	761.8	28.2	1
28	10	544	37.6343	88.0181	-532.7	QAL	7.80	-0.45	1.63	0.0	0.0	4.794	1577.	47.	13.	762.3	28.2	1
29	10	544	37.6343	88.0188	-531.0	QAL	8.46	1.00	1.24	0.0	0.0	6.807	1486.	44.	16.	760.7	28.2	1
30	10	544	37.6342	88.0194	-527.0	QAL	6.36	1.89	1.47	0.0	0.0	4.334	1604.	25.	13.	761.8	28.2	1
31	0	544	37.6343	88.0201	-527.2	QAL	5.10	1.98	1.14	0.387	1.735	4.480	1560.	37.	13.	761.2	28.2	1
32	0	544	37.6342	88.0207	-528.2	QAL	5.78	3.27	1.31	0.565	2.495	4.414	1645.	43.	12.	760.7	28.2	1
33	0	548	37.6343	88.0214	-525.5	QAL	6.47	2.80	1.20	0.432	2.327	5.381	1569.	44.	5.	761.2	28.2	1
34	10	548	37.6342	88.0221	-524.7	QAL	7.02	0.33	1.63	0.0	0.0	4.313	1491.	34.	11.	760.7	28.3	1
35	0	548	37.6342	88.0227	-526.2	QAL	6.24	3.45	1.38	0.553	2.498	4.521	1561.	29.	7.	760.7	28.3	1
36	0	556	37.6342	88.0234	-524.7	QAL	5.25	3.13	1.43	0.596	2.183	3.664	1631.	34.	9.	761.2	28.4	1
37	0	564	37.6342	88.0240	-523.0	QAL	6.24	2.02	1.33	0.323	1.516	4.687	1470.	32.	6.	761.2	28.5	1
38	0	572	37.6342	88.0247	-523.2	QAL	6.91	2.38	0.95	0.344	2.494	7.256	1540.	38.	5.	761.2	28.5	1
39	0	576	37.6342	88.0253	-522.0	QAL	3.14	2.93	1.02	0.934	2.878	3.080	1529.	34.	7.	760.2	28.5	1
40	0	580	37.6342	88.0260	-521.2	QAL	4.89	3.30	1.32	0.674	2.488	3.694	1504.	43.	3.	760.2	28.5	1
41	0	580	37.6341	88.0266	-522.5	QAL	8.98	2.05	1.29	0.228	1.588	6.952	1535.	39.	1.	759.7	28.4	1
42	10	572	37.6342	88.0273	-521.0	QAL	9.03	0.65	1.42	0.0	0.0	6.360	1561.	36.	4.	760.2	28.4	1
43	0	568	37.6342	88.0280	-517.2	QAL	6.16	2.69	1.63	0.436	1.647	3.779	1586.	50.	5.	761.2	28.4	1
44	0	556	37.6342	88.0287	-519.7	QAL	6.36	3.84	0.99	0.604	3.880	6.427	1711.	42.	4.	760.2	28.4	1
45	0	552	37.6341	88.0293	-518.2	QAL	5.69	5.70	0.96	1.002	5.915	5.905	1597.	39.	2.	760.7	28.3	1
46	0	548	37.6341	88.0300	-518.5	QAL	8.33	2.36	1.10	0.283	2.153	7.599	1603.	31.	4.	761.2	28.4	1
47	0	548	37.6341	88.0306	-520.0	QAL	5.91	2.92	1.15	0.494	2.542	5.146	1601.	51.	4.	760.2	28.3	1
48	0	540	37.6340	88.0313	-515.2	QAL	8.93	2.99	1.21	0.335	2.467	7.363	1576.	50.	5.	761.8	28.4	1
49	0	536	37.6341	88.0319	-516.0	QAL	7.22	2.81	1.32	0.389	2.128	5.475	1621.	36.	7.	761.8	28.4	1
50	0	528	37.6341	88.0326	-518.5	QAL	7.94	3.59	0.95	0.453	3.762	8.313	1556.	37.	5.	760.2	28.4	1
51	10	524	37.6341	88.0333	-514.5	QAL	4.61	1.53	1.39	0.0	0.0	3.315	1607.	47.	6.	761.2	28.4	1
52	0	524	37.6340	88.0339	-513.0	QAL	6.70	3.18	0.95	0.474	3.333	7.029	1515.	36.	6.	761.2	28.4	1
53	0	516	37.6340	88.0346	-515.0	QAL	7.65	2.53	1.11	0.330	2.282	6.904	1633.	39.	7.	761.8	28.4	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
54	0	512	37.6340	88.0352	-513.0	QAL	8.03	1.83	1.06	0.228	1.735	7.601	1576.	37.	6.	762.3	28.4	1
55	10	500	37.6340	88.0359	-512.5	QAL	8.60	1.44	1.35	0.0	0.0	6.381	1729.	44.	7.	761.2	28.4	1
56	0	488	37.6340	88.0365	-512.5	PPST	8.07	2.21	1.05	0.274	2.107	7.702	1699.	28.	6.	762.3	28.4	1
57	0	472	37.6340	88.0372	-508.5	PPST	9.11	2.17	1.02	0.239	2.140	8.965	1644.	39.	2.	761.8	28.4	1
58	0	444	37.6340	88.0379	-506.5	PPST	6.98	2.56	1.11	0.367	2.305	6.284	1563.	36.	5.	761.2	28.4	1
59	0	400	37.6339	88.0385	-509.2	PPST	8.86	2.25	1.05	0.254	2.151	8.479	1499.	39.	3.	762.3	28.4	1
60	0	404	37.6339	88.0392	-507.5	PPST	6.89	1.97	0.85	0.286	2.317	8.096	1384.	39.	7.	761.2	28.4	1
61	10	396	37.6339	88.0399	-505.2	PPST	8.54	0.87	1.06	0.0	0.0	8.021	1382.	41.	8.	761.8	28.4	1
62	0	384	37.6339	88.0405	-509.2	PPST	5.52	3.29	0.88	0.595	3.733	6.270	1370.	35.	4.	762.3	28.3	1
63	0	404	37.6339	88.0412	-510.0	PPST	5.41	2.36	0.79	0.437	3.005	6.884	1224.	46.	4.	760.7	28.3	1
64	0	456	37.6339	88.0418	-506.2	PPST	5.08	4.66	0.78	0.919	5.957	6.485	1419.	42.	4.	761.8	28.3	1
65	0	528	37.6339	88.0425	-506.2	QAL	7.72	1.84	1.39	0.238	1.323	5.552	1592.	30.	7.	761.2	28.2	1
66	0	548	37.6339	88.0432	-506.0	QAL	6.06	3.23	1.29	0.533	2.511	4.708	1521.	36.	6.	760.7	28.2	1
67	0	556	37.6339	88.0438	-506.0	QAL	6.01	1.89	1.29	0.315	1.467	4.666	1629.	31.	8.	762.3	28.3	1
68	10	560	37.6339	88.0445	-506.0	QAL	8.96	0.44	1.43	0.0	0.0	6.260	1631.	31.	9.	760.7	28.3	1
69	0	568	37.6339	88.0451	-504.0	PPST	6.12	2.18	1.04	0.356	2.102	5.901	1567.	37.	8.	759.7	28.3	1
70	0	572	37.6338	88.0457	-503.7	PPST	6.07	3.57	1.32	0.588	2.698	4.585	1633.	36.	9.	760.2	28.4	1
71	10	580	37.6338	88.0464	-504.0	PPST	7.15	0.26	1.42	0.0	0.0	5.025	1550.	45.	8.	760.2	28.5	1
72	0	588	37.6339	88.0471	-501.5	PPST	9.03	2.34	1.15	0.259	2.027	7.818	1557.	41.	4.	761.2	28.5	1
73	0	592	37.6339	88.0477	-502.2	QAL	7.52	4.59	0.92	0.610	4.989	8.173	1597.	34.	4.	760.2	28.5	1
74	0	600	37.6338	88.0484	-501.0	QAL	8.51	2.10	1.20	0.247	1.751	7.090	1498.	51.	5.	759.7	28.6	1
75	0	604	37.6338	88.0491	-498.5	QAL	7.55	3.67	1.22	0.486	3.011	6.200	1569.	41.	3.	760.7	28.6	1
76	0	604	37.6338	88.0497	-500.2	QAL	8.13	3.34	0.98	0.410	3.410	8.309	1583.	36.	1.	758.7	28.5	1
77	0	600	37.6337	88.0504	-500.5	QAL	5.91	2.84	1.23	0.479	2.298	4.792	1484.	49.	5.	759.7	28.5	1
78	0	596	37.6337	88.0510	-496.2	QAL	6.80	1.96	1.49	0.289	1.315	4.555	1538.	33.	4.	760.7	28.5	1
79	0	584	37.6337	88.0517	-497.0	QAL	5.93	2.50	1.44	0.421	1.730	4.113	1612.	44.	3.	758.7	28.4	1
80	0	576	37.6338	88.0524	-496.2	QAL	7.36	2.14	1.63	0.291	1.315	4.518	1615.	38.	6.	760.2	28.5	1
81	0	568	37.6337	88.0530	-495.0	QAL	6.33	3.71	1.20	0.586	3.103	5.291	1554.	34.	4.	761.2	28.4	1
82	10	560	37.6337	88.0537	-494.2	PPST	5.83	1.12	1.64	0.0	0.0	3.553	1575.	41.	8.	759.2	28.4	1
83	10	556	37.6337	88.0544	-494.7	PPST	6.16	1.61	1.21	0.0	0.0	5.099	1556.	39.	9.	761.2	28.4	1
84	10	548	37.6337	88.0550	-493.5	PPST	6.34	1.40	1.28	0.0	0.0	4.930	1570.	30.	9.	761.8	28.5	1
85	10	540	37.6337	88.0556	-490.7	PPST	5.43	0.94	1.26	0.0	0.0	4.322	1436.	48.	11.	761.2	28.5	1
86	0	488	37.6337	88.0563	-489.2	PPST	6.58	2.44	1.04	0.370	2.349	6.340	1481.	32.	8.	762.3	28.5	1
87	10	436	37.6337	88.0570	-489.0	PPST	6.37	1.05	1.01	0.0	0.0	6.339	1459.	48.	9.	761.2	28.5	1
88	10	444	37.6336	88.0576	-489.5	PPST	7.09	1.22	1.24	0.0	0.0	5.729	1466.	40.	9.	761.8	28.6	1
89	0	444	37.6337	88.0583	-491.2	PPST	6.62	2.32	1.00	0.351	2.333	6.654	1526.	29.	10.	762.3	28.7	1
90	0	452	37.6336	88.0590	-490.0	PPST	7.37	1.76	1.06	0.239	1.657	6.946	1561.	36.	11.	759.2	28.7	1
91	0	456	37.6337	88.0596	-485.0	PPST	5.90	3.58	1.09	0.607	3.286	5.415	1600.	38.	3.	761.2	28.7	1
92	0	460	37.6336	88.0603	-484.7	PPST	7.28	3.32	1.18	0.456	2.822	6.192	1658.	36.	5.	762.8	28.7	1
93	0	468	37.6336	88.0609	-483.2	PPST	6.04	2.36	1.13	0.391	2.083	5.324	1603.	46.	8.	761.2	28.8	1
94	0	492	37.6336	88.0616	-482.0	PPST	7.43	2.97	1.31	0.400	2.262	5.649	1595.	35.	0.	762.3	28.8	1
95	0	516	37.6335	88.0622	-485.5	PPST	6.67	4.08	1.16	0.612	3.519	5.753	1612.	46.	4.	761.2	28.8	1
96	0	520	37.6335	88.0629	-483.2	PPST	8.06	2.03	1.00	0.252	2.021	8.025	1573.	47.	4.	760.2	28.8	1
97	0	520	37.6335	88.0635	-478.7	PPST	7.22	2.05	1.31	0.285	1.568	5.506	1607.	40.	4.	762.3	28.8	1
98	0	520	37.6335	88.0643	-483.7	PPST	5.59	2.15	1.50	0.384	1.430	3.722	1567.	45.	10.	761.2	28.8	1
99	0	524	37.6335	88.0649	-477.0	PPST	4.49	3.84	1.34	0.855	2.861	3.345	1642.	49.	13.	760.7	28.8	1
100	10	528	37.6335	88.0656	-465.2	PPST	8.33	-0.06	1.39	0.0	0.0	6.005	1576.	36.	15.	762.8	28.8	1
101	10	528	37.6335	88.0662	-476.2	PPST	5.41	1.51	1.10	0.0	0.0	4.914	1540.	34.	14.	760.7	28.7	1
102	10	528	37.6335	88.0668	-483.0	PPST	6.96	0.55	1.20	0.0	0.0	5.796	1457.	38.	15.	759.7	28.6	1
103	10	524	37.6335	88.0675	-478.7	PPST	7.27	1.31	1.31	0.0	0.0	5.554	1465.	44.	15.	761.8	28.6	1
104	10	524	37.6335	88.0682	-481.2	QAL	7.10	0.96	1.31	0.0	0.0	5.434	1549.	24.	13.	760.7	28.6	1
105	0	516	37.6335	88.0688	-477.7	QAL	6.43	4.52	1.02	0.703	4.433	6.310	1536.	51.	11.	760.7	28.6	1
106	0	512	37.6334	88.0695	-471.5	QAL	6.11	2.16	1.09	0.354	1.986	5.612	1552.	35.	9.	761.8	28.6	1

CP 9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
107	0	504	37.6334	88.0702	-473.0		QAL	6.94	3.26	1.21	0.469	2.693	5.736	1591.	45.	5.	760.7	28.6	1
108	0	488	37.6334	88.0708	-473.7		QAL	7.05	4.23	1.12	0.600	3.771	6.283	1541.	44.	2.	760.7	28.6	1
109	0	472	37.6334	88.0715	-472.5		QAL	5.59	3.34	0.99	0.597	3.388	5.678	1535.	39.	3.	762.8	28.6	1
110	0	444	37.6334	88.0721	-467.2		QAL	5.35	1.70	1.13	0.317	1.497	4.726	1450.	33.	7.	760.7	28.6	1
111	0	412	37.6334	88.0728	-466.5		QAL	6.48	2.29	0.96	0.353	2.397	6.785	1432.	40.	8.	761.8	28.5	1
112	0	388	37.6334	88.0734	-470.7		QAL	4.53	1.81	0.91	0.401	1.987	4.959	1260.	48.	10.	763.8	28.5	1
113	10	404	37.6333	88.0741	-469.0		QAL	7.97	0.97	0.97	0.0	0.0	8.185	1329.	36.	12.	761.8	28.5	1
114	0	416	37.6333	88.0748	-465.5		PPST	5.81	2.97	0.91	0.511	3.256	6.376	1375.	42.	12.	761.8	28.5	1
115	10	400	37.6333	88.0755	-467.5		PPST	6.25	1.44	0.86	0.0	0.0	7.252	1421.	41.	10.	762.8	28.5	1
116	10	440	37.6334	88.0761	-467.0		PPST	8.47	1.66	1.21	0.0	0.0	7.027	1630.	36.	12.	760.7	28.4	1
117	0	428	37.6333	88.0767	-463.5		PPST	6.60	1.99	1.17	0.302	1.706	5.645	1556.	38.	9.	761.8	28.5	1
118	0	420	37.6333	88.0774	-461.5		PPST	7.85	2.54	1.17	0.324	2.165	6.691	1702.	37.	8.	762.8	28.5	1
119	0	436	37.6333	88.0780	-462.2		PPST	5.55	4.69	1.23	0.845	3.816	4.514	1701.	31.	10.	761.2	28.5	1
120	0	432	37.6333	88.0787	-462.2		PPST	7.21	4.28	1.54	0.594	2.784	4.689	1711.	41.	4.	762.3	28.5	1
121	0	428	37.6333	88.0794	-461.2		PPST	6.64	2.54	1.18	0.383	2.151	5.611	1669.	35.	9.	762.8	28.5	1
122	0	440	37.6333	88.0800	-461.0		PPST	7.25	2.88	1.02	0.397	2.828	7.120	1734.	40.	9.	761.8	28.5	1
123	0	448	37.6333	88.0807	-459.7		PPST	6.91	3.72	1.00	0.538	3.714	6.901	1590.	37.	6.	762.8	28.5	1
124	0	456	37.6332	88.0814	-457.2		PPST	8.80	4.10	1.07	0.466	3.824	8.213	1699.	41.	6.	762.8	28.5	1
125	0	464	37.6332	88.0820	-456.2		PPST	8.23	2.78	1.20	0.338	2.325	6.882	1665.	32.	6.	761.2	28.5	1
126	0	472	37.6332	88.0827	-458.5		PPST	6.39	3.55	1.24	0.556	2.863	5.152	1585.	44.	8.	762.3	28.5	1
127	0	436	37.6332	88.0833	-457.5		PPST	6.82	1.99	1.01	0.292	1.964	6.726	1473.	41.	3.	761.8	28.5	1
128	0	424	37.6332	88.0839	-452.5		PPST	4.65	3.90	0.83	0.838	4.708	5.621	1406.	43.	6.	760.7	28.5	1
129	10	452	37.6332	88.0846	-452.5		PPST	9.46	1.54	1.14	0.0	0.0	8.269	1528.	45.	4.	762.8	28.5	1
130	0	456	37.6332	88.0854	-452.5		PPST	6.56	4.50	1.21	0.686	3.733	5.441	1512.	46.	7.	762.8	28.5	1
131	0	480	37.6332	88.0860	-452.5		PPST	7.17	3.05	1.27	0.425	2.407	5.666	1648.	37.	8.	760.7	28.5	1
132	10	464	37.6332	88.0866	-451.7		PPST	7.26	0.05	1.45	0.0	0.0	5.010	1540.	48.	9.	762.8	28.5	1
133	0	440	37.6332	88.0873	-447.2		PPST	5.42	2.43	1.10	0.449	2.208	4.915	1525.	47.	9.	762.8	28.6	1
134	0	436	37.6332	88.0879	-444.2		PPST	8.78	3.07	1.21	0.350	2.545	7.268	1628.	36.	9.	760.7	28.6	1
135	0	436	37.6331	88.0886	-447.7		PPST	5.83	1.88	1.01	0.322	1.864	5.791	1457.	42.	10.	761.8	28.7	1
136	0	444	37.6331	88.0892	-448.0		PPST	7.86	3.79	0.96	0.481	3.951	8.209	1547.	40.	6.	762.8	28.7	1
137	10	460	37.6331	88.0899	-447.7		PPST	5.79	1.50	1.04	0.0	0.0	5.582	1478.	50.	5.	760.2	28.7	1
138	0	460	37.6331	88.0906	-449.0		PPST	6.03	3.68	0.96	0.611	3.832	6.274	1520.	25.	6.	760.2	28.7	1
139	0	452	37.6331	88.0913	-447.0		PPST	7.51	3.62	0.98	0.482	3.701	7.676	1580.	35.	2.	761.2	28.6	1
140	0	452	37.6331	88.0919	-442.7		PPST	7.42	3.64	1.13	0.490	3.217	6.563	1657.	46.	0.	760.2	28.5	1
141	0	456	37.6331	88.0926	-442.2		PPST	7.45	3.69	1.09	0.494	3.373	6.822	1555	46.	2.	760.2	28.5	1
142	0	440	37.6330	88.0932	-442.2		PPST	6.70	3.08	1.16	0.459	2.660	5.797	1585.	30.	5.	762.3	28.5	1
143	0	460	37.6330	88.0939	-438.2		PPST	7.43	3.34	1.31	0.450	2.545	5.661	1715.	28.	6.	760.7	28.5	1
144	10	464	37.6330	88.0945	-439.0		PPST	8.86	1.21	1.17	0.0	0.0	7.580	1617.	29.	9.	759.7	28.5	1
145	10	464	37.6330	88.0952	-443.2		PPST	7.40	1.13	1.09	0.0	0.0	6.767	1541.	30.	11.	761.8	28.5	1
146	0	452	37.6330	88.0959	-439.5		PPST	4.83	3.18	1.20	0.658	2.656	4.038	1534.	40.	12.	761.8	28.5	1
147	10	460	37.6330	88.0965	-436.2		PPST	8.96	1.40	0.90	0.0	0.0	9.935	1488.	34.	10.	759.7	28.5	1
148	10	476	37.6330	88.0972	-437.7		PPST	6.04	1.54	1.24	0.0	0.0	4.852	1540.	44.	13.	761.8	28.6	1
149	0	480	37.6329	88.0978	-436.7		PPST	7.18	2.84	0.85	0.396	3.326	8.403	1532.	36.	9.	762.8	28.6	1
150	0	492	37.6330	88.0985	-437.0		PPST	8.07	2.06	0.99	0.255	2.083	8.171	1579.	43.	9.	760.7	28.6	1
151	0	496	37.6330	88.0991	-434.5		PPST	6.49	2.82	1.20	0.434	2.346	5.405	1612.	47.	5.	760.7	28.5	1
152	0	480	37.6330	88.0998	-430.7		PPST	5.73	3.40	1.38	0.593	2.465	4.154	1620.	35.	4.	762.8	28.5	1
153	0	472	37.6329	88.1004	-430.0		PPST	8.13	2.64	1.40	0.325	1.883	5.786	1568.	30.	0.	761.8	28.5	1
154	10	476	37.6329	88.1012	-429.7		PPST	8.33	1.15	1.31	0.0	0.0	6.367	1588.	34.	3.	760.2	28.6	1
155	0	492	37.6329	88.1018	-429.2		PPST	7.15	2.06	1.25	0.289	1.651	5.718	1505.	43.	1.	762.3	28.6	1
156	0	524	37.6329	88.1025	-429.5		PPST	7.01	4.87	1.02	0.695	4.782	6.880	1570.	35.	1.	762.3	28.7	1
157	0	532	37.6329	88.1031	-428.7		PPST	7.91	3.06	1.41	0.387	2.162	5.594	1681.	36.	2.	760.2	28.6	1
158	0	536	37.6329	88.1038	-426.2		PPST	5.66	2.90	1.07	0.513	2.718	5.298	1627.	34.	5.	761.2	28.6	1
159	0	524	37.6329	88.1044	-424.5		QAL	5.85	2.37	1.06	0.406	2.241	5.520	1464.	37.	7.	763.3	28.6	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
160	10	508	37.6328	88.1050	-427.0	QAL	6.12	1.57	1.07	0.0	0.0	5.726	1523.	36.	4.	760.2	28.6	1
161	0	524	37.6328	88.1057	-426.7	QAL	8.05	2.73	0.91	0.338	2.995	8.852	1504.	39.	6.	760.2	28.6	1
162	0	536	37.6328	88.1064	-423.0	QAL	6.94	4.48	1.17	0.646	3.837	5.942	1582.	23.	5.	762.3	28.7	1
163	111	516	37.6329	88.1070	-420.2	QAL	-92.21	1322.09	343.30	0.0	0.0	0.0	202887.	44.	0.	761.2	28.6	1
164	0	476	37.6328	88.1077	-421.5	QAL	5.31	1.77	0.98	0.333	1.797	5.401	1309.	48.	7.	761.8	28.6	1
165	0	428	37.6328	88.1084	-421.7	QAL	4.65	2.70	0.94	0.581	2.861	4.926	1354.	35.	3.	761.8	28.6	1
166	0	448	37.6328	88.1090	-421.2	QAL	7.40	4.19	0.47	0.565	8.856	15.667	1284.	39.	2.	759.7	28.6	1
167	0	524	37.6327	88.1097	-421.7	QAL	2.72	3.96	1.14	1.455	3.475	2.388	1505.	44.	6.	761.2	28.6	1
168	10	568	37.6328	88.1103	-422.5	QAL	7.08	1.82	1.27	0.0	0.0	5.596	1574.	39.	6.	762.3	28.6	1
169	0	572	37.6328	88.1110	-418.2	QAL	9.35	2.41	1.31	0.258	1.840	7.143	1748.	35.	2.	760.2	28.6	1
170	0	572	37.6328	88.1117	-416.0	QAL	6.25	4.80	1.23	0.768	3.916	5.102	1656.	34.	8.	761.2	28.6	1
171	10	568	37.6327	88.1124	-414.2	QAL	7.90	1.83	1.00	0.0	0.0	7.902	1585.	36.	9.	762.8	28.5	1
172	0	564	37.6327	88.1130	-414.0	QAL	5.99	2.90	1.80	0.484	1.613	3.331	1655.	46.	7.	760.7	28.6	1
173	0	564	37.6327	88.1137	-413.0	QAL	6.27	3.01	1.08	0.480	2.795	5.829	1759.	29.	7.	761.8	28.6	1
174	0	564	37.6327	88.1143	-411.2	QAL	7.68	3.86	1.61	0.503	2.397	4.768	1618.	37.	8.	762.8	28.7	1
175	10	564	37.6327	88.1149	-412.7	QAL	4.75	1.55	1.79	0.0	0.0	2.659	1654.	58.	11.	759.7	28.7	1
176	0	564	37.6327	88.1156	-413.2	QAL	7.71	3.40	1.56	0.441	2.180	4.944	1738.	52.	6.	761.2	28.8	1
177	0	564	37.6327	88.1162	-411.5	QAL	6.30	2.34	1.25	0.372	1.871	5.023	1760.	49.	12.	763.3	28.8	1
178	10	568	37.6326	88.1170	-408.5	QAL	11.62	0.73	1.92	0.0	0.0	6.044	1898.	37.	9.	760.2	28.9	1
179	0	572	37.6326	88.1176	-408.7	QAL	6.96	3.89	1.71	0.391	2.277	5.827	2044.	28.	8.	760.2	28.9	1
180	0	572	37.6326	88.1183	-409.2	QAL	9.77	3.62	1.61	0.370	2.252	6.083	1964.	44.	7.	762.3	29.0	1
181	0	568	37.6326	88.1189	-409.7	QAL	8.15	5.32	1.66	0.653	3.204	4.907	1940.	41.	4.	760.2	28.9	1
182	0	568	37.6326	88.1196	-410.0	QAL	10.03	5.19	1.49	0.518	3.492	6.743	2016.	36.	4.	760.7	28.9	1
183	0	564	37.6326	88.1202	-409.0	QAL	9.24	3.89	1.61	0.420	2.420	5.755	2029.	52.	3.	761.8	28.8	1
184	0	564	37.6326	88.1209	-406.7	QAL	8.26	5.20	1.53	0.629	3.392	5.391	2083.	43.	1.	759.7	28.8	1
185	0	564	37.6326	88.1215	-404.5	QAL	9.18	2.32	1.87	0.253	1.244	4.911	2051.	51.	5.	760.7	28.8	1
186	0	560	37.6326	88.1222	-403.7	QAL	9.16	3.17	1.69	0.346	1.873	5.406	2082.	36.	0.	761.8	28.8	1
187	0	564	37.6326	88.1229	-403.5	QAL	10.42	5.55	1.59	0.532	3.485	6.551	2096.	39.	3.	759.7	28.8	1
188	0	564	37.6326	88.1236	-404.2	QAL	7.75	5.10	1.67	0.658	3.045	4.627	2139.	35.	1.	760.7	28.8	1
189	0	568	37.6325	88.1242	-404.5	QAL	9.41	4.44	1.40	0.472	3.160	6.694	1941.	32.	6.	762.8	28.9	1
190	10	568	37.6325	88.1248	-402.7	QAL	7.62	0.85	1.60	0.0	0.0	4.766	1882.	42.	12.	761.2	28.9	1
191	0	580	37.6325	88.1255	-401.5	QAL	7.18	3.45	1.79	0.480	1.932	4.024	1874.	43.	9.	761.2	28.9	1
192	0	584	37.6325	88.1261	-400.2	QAL	6.81	2.25	1.33	0.331	1.689	5.105	1883.	48.	8.	762.3	28.9	1
193	0	584	37.6325	88.1268	-401.0	QAL	8.86	2.77	1.53	0.313	1.812	5.796	1841.	36.	6.	760.2	28.9	1
194	0	588	37.6325	88.1275	-400.2	QAL	6.65	2.38	1.69	0.358	1.408	3.934	1718.	46.	9.	759.7	29.0	1
195	10	588	37.6325	88.1282	-397.0	QAL	8.53	1.63	1.56	0.0	0.0	5.462	1613.	32.	4.	760.7	28.9	1
196	0	592	37.6324	88.1288	-400.0	QAL	6.59	3.26	1.39	0.494	2.335	4.725	1591.	48.	7.	760.2	28.9	1
197	0	584	37.6324	88.1295	-401.7	QAL	5.44	2.36	1.33	0.433	1.773	4.091	1504.	47.	6.	759.2	28.8	1
198	0	584	37.6324	88.1301	-396.0	QAL	5.85	3.00	1.28	0.512	2.341	4.572	1595.	57.	9.	760.2	28.8	1
199	0	556	37.6324	88.1308	-397.5	QAL	4.63	1.95	1.30	0.422	1.502	3.562	1452.	46.	10.	761.2	28.8	1
200	0	516	37.6324	88.1314	-398.5	QAL	5.66	3.13	0.73	0.553	4.300	7.779	1528.	45.	8.	760.2	28.8	1
201	0	520	37.6324	88.1321	-394.7	QAL	5.63	3.31	1.09	0.589	3.037	5.159	1461.	38.	11.	759.7	28.8	1
202	10	520	37.6324	88.1328	-396.7	QAL	7.41	-0.48	0.99	0.0	0.0	7.504	1404.	34.	14.	761.8	28.7	1
203	10	516	37.6323	88.1334	-396.2	QAL	6.28	0.81	1.02	0.0	0.0	6.180	1378.	38.	14.	761.8	28.7	1
204	10	516	37.6324	88.1341	-392.7	QAL	8.66	0.60	1.16	0.0	0.0	7.497	1424.	41.	13.	759.7	28.7	1
205	10	520	37.6324	88.1347	-394.5	QAL	5.99	0.80	1.62	0.0	0.0	3.706	1437.	32.	11.	760.7	28.6	1
206	10	512	37.6324	88.1354	-395.0	QAL	5.63	1.80	1.41	0.0	0.0	3.989	1651.	48.	12.	761.8	28.6	1
207	0	564	37.6323	88.1360	-392.7	QAL	8.25	2.72	1.60	0.329	1.699	5.161	1910.	52.	14.	759.7	28.6	1
208	10	572	37.6323	88.1367	-393.2	QAL	10.82	2.11	1.60	0.0	0.0	6.763	1898.	43.	13.	760.7	28.6	1
209	0	564	37.6323	88.1373	-390.2	QAL	7.14	2.37	1.88	0.333	1.261	3.793	2042.	32.	13.	762.8	28.5	1
210	10	568	37.6323	88.1380	-388.5	QAL	11.45	0.39	1.90	0.0	0.0	6.015	2035.	50.	13.	760.7	28.5	1
211	10	564	37.6323	88.1387	-390.7	QAL	9.60	0.41	1.75	0.0	0.0	5.500	1960.	38.	13.	760.2	28.5	1
212	0	564	37.6323	88.1394	-388.2	QAL	4.98	6.49	1.33	1.302	4.859	3.731	1977.	45.	11.	762.3	28.6	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
213	0	568	37.6323	88.1400	-389.7	QAL	9.13	4.00	1.51	0.438	2.654	6.056	1898.	48.	11.	761.2	28.6	1
214	0	564	37.6322	88.1407	-392.2	QAL	9.03	4.44	1.23	0.491	3.609	7.345	2010.	27.	11.	760.2	28.6	1
215	0	572	37.6322	88.1413	-389.7	QAL	7.79	3.33	1.31	0.427	2.537	5.941	1775.	39.	9.	762.3	28.6	1
216	10	572	37.6322	88.1420	-384.2	QAL	7.13	1.74	1.48	0.0	0.0	4.819	1674.	37.	9.	760.2	28.6	1
217	10	572	37.6322	88.1426	-385.2	QAL	9.39	1.85	1.24	0.0	0.0	7.558	1538.	31.	10.	760.2	28.6	1
218	10	576	37.6322	88.1433	-388.5	QAL	6.32	1.32	1.04	0.0	0.0	6.085	1551.	33.	14.	762.3	28.5	1
219	10	572	37.6322	88.1440	-386.5	QAL	9.15	-0.77	2.01	0.0	0.0	4.544	1613.	47.	12.	760.7	28.6	1
220	10	568	37.6322	88.1446	-385.7	QAL	6.79	1.36	1.39	0.0	0.0	4.871	1682.	47.	16.	760.7	28.5	1
221	10	564	37.6322	88.1453	-386.5	QAL	11.67	0.66	1.48	0.0	0.0	7.897	1784.	39.	12.	762.8	28.5	1
222	10	560	37.6323	88.1460	-385.2	QAL	7.67	1.71	1.17	0.0	0.0	6.581	1706.	45.	16.	760.2	28.5	1
223	10	556	37.6323	88.1466	-385.2	QAL	9.15	2.14	1.17	0.0	0.0	7.791	1810.	29.	14.	759.7	28.5	1
224	10	524	37.6323	88.1473	-385.2	QAL	7.55	1.78	1.05	0.0	0.0	7.199	1446.	39.	11.	761.8	28.6	1
225	10	512	37.6323	88.1479	-383.7	QAL	7.71	0.06	0.87	0.0	0.0	8.876	1295.	31.	11.	760.7	28.7	1
226	10	508	37.6323	88.1486	-384.2	(WATER)	6.14	1.29	0.86	0.0	0.0	7.161	1135.	33.	8.	759.7	28.7	1
227	0	520	37.6323	88.1493	-386.2	(WATER)	3.64	3.02	0.48	0.828	6.307	7.617	836.	29.	5.	761.2	28.7	1
228	0	548	37.6323	88.1500	-383.0	(WATER)	2.03	3.15	0.23	1.552	13.650	8.798	557.	42.	2.	761.2	28.8	1
229	11	588	37.6323	88.1506	-380.0	(WATER)	3.15	1.23	0.16	0.0	0.0	0.0	482.	30.	9.	760.2	28.8	1
230	111	588	37.6324	88.1512	-383.0	(WATER)	0.52	0.30	0.08	0.0	0.0	0.0	271.	31.	4.	761.8	28.8	1
231	111	592	37.6324	88.1520	-385.0	(WATER)	0.85	0.68	-0.17	0.0	0.0	0.0	193.	31.	7.	761.8	28.8	1
232	111	596	37.6324	88.1526	-381.7	(WATER)	-0.02	-1.19	-0.02	0.0	0.0	0.0	98.	53.	10.	759.2	28.9	1
233	111	596	37.6324	88.1533	-380.7	(WATER)	-0.06	-0.09	0.06	0.0	0.0	0.0	167.	32.	6.	760.2	28.9	1
234	111	600	37.6324	88.1539	-381.7	QAL	0.52	0.88	-0.18	0.0	0.0	0.0	163.	35.	7.	762.3	29.0	1
235	111	604	37.6324	88.1546	-380.5	QAL	0.73	-1.35	0.00	0.0	0.0	0.0	144.	32.	12.	760.2	28.9	1
236	111	604	37.6324	88.1553	-383.0	QAL	0.68	-1.48	0.15	0.0	0.0	0.0	184.	35.	9.	759.2	28.9	1
237	10	600	37.6324	88.1560	-384.7	QAL	1.55	-1.02	0.35	0.0	0.0	4.414	363.	40.	8.	761.8	28.9	1
238	10	596	37.6324	88.1566	-382.0	QAL	1.61	-0.28	0.27	0.0	0.0	5.967	489.	48.	10.	760.7	28.8	1
239	10	588	37.6324	88.1573	-377.7	QAL	3.15	0.72	0.71	0.0	0.0	4.417	772.	34.	6.	758.7	28.8	1
240	10	568	37.6324	88.1580	-379.2	QAL	3.79	1.39	0.75	0.0	0.0	5.084	992.	33.	6.	760.7	28.8	1
241	0	564	37.6325	88.1586	-378.5	QAL	5.85	2.88	0.64	0.493	4.478	9.084	1066.	51.	1.	761.8	28.7	1
242	0	564	37.6325	88.1593	-373.5	QAL	4.87	2.67	0.87	0.548	3.056	5.571	1056.	46.	1.	760.7	28.7	1
243	10	560	37.6325	88.1599	-372.2	QAL	5.66	1.51	1.14	0.0	0.0	4.969	1087.	40.	0.	760.7	28.7	1
244	0	560	37.6325	88.1606	-377.7	QAL	3.66	3.70	0.74	1.012	5.006	4.948	1226.	39.	0.	760.7	28.7	1
245	0	560	37.6325	88.1613	-378.0	QAL	4.14	4.04	0.79	0.976	5.117	5.242	1345.	35.	0.	761.8	28.7	1
246	0	564	37.6325	88.1619	-374.7	QAL	4.20	4.07	1.18	0.967	3.456	3.573	1471.	47.	2.	760.7	28.8	1
247	0	576	37.6325	88.1626	-379.7	QAL	5.08	3.63	1.51	0.714	2.404	3.366	1699.	34.	1.	759.7	28.8	1
248	0	584	37.6325	88.1632	-380.0	QAL	7.84	3.29	1.80	0.420	1.835	4.366	1661.	44.	4.	760.7	28.9	1
249	10	592	37.6326	88.1639	-374.7	QAL	8.32	1.83	1.99	0.0	0.0	4.173	1895.	42.	6.	761.8	28.8	1
250	10	592	37.6326	88.1646	-377.7	QAL	10.29	1.29	1.72	0.0	0.0	5.998	1905.	43.	9.	760.7	28.8	1
251	0	584	37.6326	88.1652	-377.7	QAL	7.77	2.79	1.71	0.359	1.627	4.530	1986.	32.	9.	759.7	28.8	1
252	10	584	37.6326	88.1659	-372.0	QAL	10.81	-0.54	2.15	0.0	0.0	5.037	2037.	38.	10.	759.7	28.8	1
253	0	580	37.6326	88.1665	-374.7	QAL	7.84	5.45	1.42	0.695	3.827	5.503	2003.	43.	8.	760.7	28.7	1
254	10	584	37.6326	88.1673	-374.0	QAL	10.89	0.59	1.78	0.0	0.0	6.116	2090.	40.	11.	760.7	28.7	1
255	0	580	37.6326	88.1679	-369.5	QAL	7.07	2.72	1.53	0.384	1.779	4.633	2003.	42.	9.	759.7	28.6	1
256	10	580	37.6326	88.1686	-373.2	QAL	11.18	1.73	1.47	0.0	0.0	7.617	1908.	37.	9.	759.7	28.8	1
257	0	580	37.6326	88.1692	-372.7	QAL	6.71	3.50	1.67	0.522	2.092	4.010	1901.	39.	10.	761.8	28.8	1
258	10	580	37.6326	88.1699	-368.0	QAL	8.69	1.92	1.34	0.0	0.0	6.498	1751.	43.	6.	761.8	28.8	1
259	0	576	37.6326	88.1706	-368.5	QAL	5.76	3.87	1.32	0.672	2.931	4.360	1690.	36.	3.	759.7	28.8	1
260	0	568	37.6327	88.1713	-370.5	QAL	4.77	5.11	1.07	1.071	4.768	4.452	1618.	46.	3.	759.7	28.8	1
261	10	572	37.6327	88.1719	-368.2	QAL	9.05	1.43	1.39	0.0	0.0	6.529	1751.	42.	4.	761.8	28.8	1
262	0	568	37.6327	88.1726	-368.5	QAL	9.23	3.63	1.41	0.393	2.576	6.549	1757.	41.	4.	761.8	28.8	1
263	0	556	37.6327	88.1733	-370.5	QAL	7.41	3.76	1.36	0.507	2.771	5.461	1719.	39.	1.	760.2	28.7	1
264	0	552	37.6327	88.1739	-369.0	QAL	7.07	3.17	1.24	0.448	2.548	5.685	1772.	42.	7.	760.2	28.7	1
265	10	548	37.6327	88.1746	-366.7	QT-2	8.19	0.78	1.63	0.0	0.0	4.886	1778.	40.	8.	761.2	28.7	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
266	10	548	37.6327	88.1752	-365.5	QT-2	8.38	1.31	1.64	0.0	0.0	5.115	1762.	45.	9.	762.3	28.6	1
267	0	548	37.6327	88.1760	-364.5	QT-2	9.60	3.51	1.09	0.365	3.212	8.789	1830.	42.	6.	760.7	28.6	1
268	0	548	37.6328	88.1766	-363.5	QT-2	9.03	2.40	1.67	0.266	1.439	5.407	1853.	24.	7.	759.7	28.6	1
269	0	548	37.6328	88.1773	-364.0	QT-2	6.86	2.58	1.62	0.377	1.597	4.236	1910.	30.	6.	761.8	28.6	1
270	0	548	37.6328	88.1779	-362.7	QT-2	8.64	3.49	1.96	0.404	1.781	4.411	1978.	32.	3.	762.8	28.6	1
271	0	544	37.6328	88.1785	-363.0	QT-2	10.90	3.40	1.50	0.311	2.262	7.263	1873.	32.	6.	760.2	28.6	1
272	10	544	37.6328	88.1793	-361.7	QT-2	7.91	1.07	1.63	0.0	0.0	4.857	1878.	40.	8.	759.2	28.7	1
273	0	544	37.6328	88.1799	-360.5	QT-2	6.59	3.82	1.43	0.579	2.677	4.624	1836.	48.	8.	761.8	28.6	1
274	0	536	37.6328	88.1805	-359.7	QT-2	8.38	3.70	1.23	0.441	3.016	6.832	1810.	40.	6.	762.8	28.6	1
275	0	536	37.6328	88.1812	-357.5	QT-2	8.73	3.91	1.15	0.448	3.406	7.610	1846.	52.	7.	760.7	28.6	1
276	0	520	37.6328	88.1819	-354.5	QT-2	8.16	2.26	1.48	0.277	1.529	5.525	1788.	33.	11.	760.7	28.6	1
277	10	484	37.6329	88.1826	-354.7	QT-2	8.33	-0.24	1.56	0.0	0.0	5.325	1608.	41.	14.	762.8	28.6	1
278	0	472	37.6329	88.1832	-355.5	QT-2	5.11	2.03	1.25	0.397	1.630	4.107	1513.	47.	9.	762.8	28.6	1
279	0	484	37.6329	88.1839	-357.0	QT-1	4.85	3.01	1.33	0.622	2.269	3.650	1591.	37.	14.	760.7	28.5	1
280	10	524	37.6329	88.1845	-354.7	QT-1	6.46	1.64	1.54	0.0	0.0	4.192	1667.	43.	9.	760.2	28.5	1
281	0	528	37.6329	88.1852	-353.0	QT-2	6.49	3.42	1.18	0.527	2.889	5.479	1608.	45.	10.	762.3	28.5	1
282	0	532	37.6329	88.1859	-354.5	QT-2	6.25	2.80	1.59	0.448	1.764	3.938	1769.	31.	8.	763.3	28.5	1
283	10	536	37.6329	88.1866	-354.5	QT-2	9.41	1.22	1.53	0.0	0.0	6.153	1687.	41.	8.	761.2	28.6	1
284	0	540	37.6329	88.1872	-349.7	QT-2	8.95	4.48	1.12	0.501	4.010	7.999	1711.	38.	6.	759.2	28.6	1
285	0	544	37.6330	88.1879	-349.0	QT-2	6.15	3.02	1.49	0.491	2.023	4.122	1748.	45.	10.	760.7	28.6	1
286	10	552	37.6330	88.1886	-346.2	QT-2	7.22	0.59	1.56	0.0	0.0	4.616	1687.	37.	7.	762.8	28.7	1
287	0	556	37.6330	88.1892	-346.5	QT-2	7.69	2.69	1.47	0.349	1.829	5.238	1618.	36.	7.	762.8	28.7	1
288	0	564	37.6330	88.1899	-350.7	QT-2	9.03	2.45	1.04	0.271	2.358	8.703	1646.	33.	7.	761.2	28.7	1
289	0	568	37.6330	88.1906	-350.5	QT-1	4.65	2.36	1.61	0.509	1.467	2.882	1598.	34.	8.	760.2	28.6	1
290	0	568	37.6330	88.1913	-348.0	QT-1	7.13	3.60	1.31	0.504	2.741	5.434	1703.	40.	6.	761.2	28.6	1
291	0	568	37.6330	88.1919	-346.2	QT-1	5.19	2.18	1.35	0.421	1.614	3.837	1552.	38.	4.	761.2	28.6	1
292	0	564	37.6330	88.1926	-344.2	QT-1	5.75	3.51	1.21	0.610	2.909	4.772	1557.	47.	3.	760.2	28.7	1
293	0	556	37.6330	88.1932	-344.7	QT-1	6.00	3.14	1.59	0.523	1.979	3.783	1531.	49.	5.	759.7	28.6	1
294	10	548	37.6331	88.1938	-341.2	QT-1	6.11	1.05	1.22	0.0	0.0	5.020	1514.	47.	6.	759.7	28.7	1
295	0	536	37.6331	88.1946	-338.2	PPCA-1	5.77	3.61	1.37	0.626	2.634	4.211	1540.	50.	2.	761.2	28.7	1
296	0	528	37.6331	88.1952	-341.5	PPCA-1	4.82	2.10	1.30	0.434	1.610	3.707	1593.	39.	5.	762.3	28.8	1
297	10	520	37.6331	88.1958	-342.7	PPCA-1	8.57	1.55	1.30	0.0	0.0	6.592	1617.	28.	5.	761.2	28.8	1
298	0	492	37.6331	88.1965	-341.0	PPCA-1	4.71	3.13	1.16	0.665	2.704	4.065	1512.	33.	6.	760.2	28.8	1
299	0	484	37.6331	88.1972	-338.2	PPCA-1	8.15	2.29	1.07	0.281	2.139	7.614	1476.	35.	5.	761.2	28.7	1
300	0	480	37.6331	88.1979	-335.2	PPCA-1	3.96	4.07	1.00	1.029	4.078	3.964	1577.	30.	7.	762.3	28.7	1
301	0	464	37.6331	88.1985	-334.7	PPCA-1	7.67	2.34	1.30	0.305	1.801	5.901	1503.	36.	6.	761.2	28.6	1
302	0	444	37.6332	88.1992	-332.0	PPCA-1	4.53	2.42	1.12	0.534	2.155	4.038	1353.	46.	8.	759.7	28.7	1
303	0	472	37.6332	88.1998	-329.5	PPCA-1	6.50	2.04	1.24	0.314	1.653	5.262	1544.	50.	7.	759.7	28.7	1
304	10	464	37.6332	88.2005	-330.7	PPCA-1	9.09	0.59	1.27	0.0	0.0	7.147	1531.	37.	7.	761.8	28.8	1
305	0	452	37.6332	88.2012	-327.2	PPS	6.47	2.33	1.25	0.360	1.861	5.169	1565.	28.	5.	762.8	28.8	1
306	0	432	37.6332	88.2019	-323.2	PPS	5.98	3.12	1.20	0.522	2.609	4.999	1532.	45.	4.	761.8	28.7	1
307	0	432	37.6332	88.2025	-325.5	PPS	6.03	3.07	1.06	0.509	2.888	5.670	1507.	50.	2.	760.2	28.6	1
308	0	428	37.6332	88.2032	-326.0	PPS	9.13	3.85	1.37	0.422	2.810	6.651	1675.	36.	1.	761.2	28.6	1
309	0	416	37.6332	88.2039	-322.7	PPS	8.58	2.01	0.96	0.234	2.093	8.947	1507.	45.	3.	763.3	28.6	1
310	0	392	37.6332	88.2045	-321.0	PPS	4.61	3.24	0.94	0.703	3.451	4.907	1315.	50.	1.	762.3	28.6	1
311	0	412	37.6333	88.2052	-322.0	PPS	7.11	2.96	0.99	0.416	2.977	7.161	1386.	24.	0.	760.7	28.5	1
312	0	456	37.6333	88.2059	-320.0	PPS	6.70	4.25	1.05	0.634	4.032	6.359	1557.	35.	0.	760.7	28.6	1
313	0	504	37.6333	88.2065	-320.0	QAL	8.05	2.36	1.16	0.293	2.029	6.923	1498.	47.	0.	761.8	28.5	1
314	0	500	37.6333	88.2072	-316.7	QAL	4.57	4.10	0.88	0.896	4.657	5.197	1468.	42.	0.	762.8	28.6	1
315	0	488	37.6333	88.2079	-313.5	QAL	6.72	3.56	0.95	0.529	3.749	7.083	1471.	39.	0.	761.8	28.7	1
316	0	484	37.6333	88.2085	-315.0	QAL	7.24	1.58	1.05	0.218	1.503	6.903	1278.	49.	0.	760.7	28.8	1
317	0	496	37.6333	88.2092	-312.2	QAL	7.21	3.02	0.91	0.420	3.325	7.924	1315.	38.	0.	761.2	28.8	1
318	0	496	37.6333	88.2099	-309.2	QAL	4.78	2.70	1.09	0.565	2.467	4.364	1325.	43.	0.	762.3	28.8	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
319	0	496	37.6333	88.2105	-309.7	QAL	5.13	3.55	0.77	0.692	4.618	6.671	1388.	32.	0.	761.8	28.8	1
320	0	492	37.6334	88.2111	-310.0	QAL	7.72	4.34	0.97	0.561	4.453	7.932	1297.	38.	0.	760.7	28.8	1
321	0	508	37.6334	88.2118	-307.0	QAL	8.17	3.48	0.77	0.426	4.518	10.612	1305.	46.	0.	760.7	28.8	1
322	0	512	37.6334	88.2125	-301.0	QAL	5.04	2.93	0.93	0.583	3.147	5.401	1229.	29.	1.	761.8	28.8	1
323	0	512	37.6334	88.2132	-297.0	QAL	6.15	2.14	0.93	0.348	2.315	6.647	1251.	36.	1.	762.8	28.8	1
324	0	508	37.6334	88.2138	-298.7	QAL	3.94	3.76	0.59	0.955	6.405	6.708	1220.	34.	2.	761.8	28.8	1
325	10	508	37.6334	88.2145	-300.7	QAL	8.04	1.21	0.85	0.0	0.0	9.509	1229.	36.	0.	760.7	28.8	1
326	0	528	37.6334	88.2152	-298.5	QAL	5.31	2.22	0.81	0.418	2.730	6.525	1205.	53.	3.	760.7	28.8	1
327	0	532	37.6334	88.2159	-298.7	QAL	4.40	2.80	0.88	0.635	3.162	4.977	1288.	38.	7.	762.3	28.7	1
328	10	520	37.6334	88.2165	-297.2	QAL	6.38	0.99	0.82	0.0	0.0	7.768	1328.	39.	5.	762.3	28.8	1
329	10	516	37.6335	88.2172	-294.7	QAL	6.43	0.45	0.83	0.0	0.0	7.772	1318.	36.	6.	760.2	28.8	1
330	0	512	37.6335	88.2178	-291.7	QAL	4.27	2.86	0.90	0.669	3.189	4.763	1344.	44.	8.	759.2	28.7	1
331	0	524	37.6335	88.2185	-289.5	QAL	5.71	2.75	1.20	0.481	2.287	4.753	1442.	33.	9.	761.2	28.6	1
332	10	552	37.6335	88.2192	-288.2	QAL	6.84	1.52	1.08	0.0	0.0	6.338	1501.	33.	8.	761.2	28.7	1
333	0	548	37.6335	88.2198	-289.2	QAL	3.90	3.64	1.16	0.933	3.133	3.357	1455.	38.	9.	761.2	28.7	1
334	10	548	37.6335	88.2205	-288.0	PPS	6.71	1.73	1.41	0.0	0.0	4.752	1412.	34.	11.	760.7	28.8	1
335	10	544	37.6335	88.2212	-281.0	PPS	4.66	1.52	1.27	0.0	0.0	3.662	1385.	41.	11.	760.7	28.7	1
336	10	532	37.6335	88.2218	-277.7	PPS	6.72	1.74	1.27	0.0	0.0	5.297	1448.	34.	11.	762.8	28.7	1
337	0	512	37.6335	88.2225	-281.2	PPS	5.24	5.28	0.86	1.007	6.114	6.070	1489.	42.	3.	761.8	28.6	1
338	0	496	37.6335	88.2232	-281.2	PPS	7.85	1.89	1.47	0.241	1.285	5.322	1547.	41.	8.	759.7	28.6	1
339	10	496	37.6335	88.2238	-278.5	PPS	7.49	-0.01	1.63	0.0	0.0	4.599	1618.	54.	10.	760.7	28.6	1
340	0	492	37.6335	88.2245	-275.7	PPS	7.93	2.50	1.55	0.315	1.610	5.114	1627.	35.	6.	762.8	28.7	1
341	0	484	37.6336	88.2252	-273.0	PPS	7.26	1.78	1.37	0.244	1.300	5.316	1656.	38.	12.	761.8	28.6	1
342	0	484	37.6336	88.2258	-274.0	PPS	5.83	3.35	1.10	0.575	3.058	5.315	1717.	30.	11.	760.7	28.6	1
343	10	484	37.6336	88.2264	-271.2	PPS	8.54	1.42	1.34	0.0	0.0	6.366	1679.	28.	9.	760.7	28.6	1
344	0	500	37.6336	88.2271	-263.2	PPS	9.23	1.97	1.75	0.214	1.125	5.262	1735.	44.	9.	761.8	28.6	1
345	0	512	37.6337	88.2278	-264.2	PPS	7.50	4.20	1.30	0.560	3.219	5.752	1898.	52.	7.	762.3	28.6	1
346	10	520	37.6337	88.2285	-268.5	PPS	10.78	1.81	1.89	0.0	0.0	5.704	2078.	39.	10.	762.3	28.6	1
347	0	516	37.6337	88.2291	-264.5	PPS	8.60	3.91	1.51	0.454	2.591	5.708	1959.	40.	7.	761.8	28.6	1
348	0	500	37.6337	88.2298	-262.2	PPS	9.51	4.92	1.55	0.517	3.176	6.142	2160.	40.	6.	761.8	28.6	1
349	0	468	37.6337	88.2305	-263.5	PPS	7.62	3.50	1.38	0.459	2.537	5.525	1952.	40.	6.	762.8	28.6	1
350	0	448	37.6337	88.2312	-259.0	PPS	6.05	4.91	1.61	0.811	3.056	3.768	1892.	44.	6.	763.3	28.6	1
351	0	432	37.6337	88.2318	-254.0	PPS	8.63	2.36	1.52	0.273	1.553	5.680	1845.	53.	6.	761.2	28.6	1
352	0	432	37.6337	88.2325	-251.5	PPS	8.96	1.87	1.72	0.209	1.091	5.226	1929.	39.	5.	760.2	28.6	1
353	0	440	37.6337	88.2331	-251.5	PPS	12.10	2.73	1.42	0.225	1.924	8.532	1954.	35.	1.	762.3	28.6	1
354	0	452	37.6337	88.2338	-254.0	PPS	9.50	1.65	1.79	0.174	0.922	5.304	1857.	45.	4.	763.3	28.6	1
355	0	436	37.6337	88.2345	-248.7	PPS	6.08	4.04	1.47	0.664	2.757	4.152	1900.	33.	5.	761.8	28.6	1
356	0	448	37.6337	88.2351	-245.5	PPS	6.73	4.42	1.27	0.658	3.474	5.283	1875.	50.	4.	760.7	28.7	1
357	10	476	37.6337	88.2358	-250.2	PPS	9.35	1.66	1.77	0.0	0.0	5.271	2061.	33.	6.	761.8	28.7	1
358	0	488	37.6337	88.2365	-246.5	PPS	4.60	3.77	1.50	0.819	2.506	3.061	1806.	43.	7.	763.8	28.8	1
359	0	492	37.6337	88.2372	-238.0	PPS	6.26	3.02	1.13	0.483	2.676	5.536	1713.	48.	5.	762.8	28.8	1
360	0	496	37.6337	88.2378	-239.7	PPS	6.94	3.22	1.18	0.464	2.725	5.870	1590.	53.	9.	760.2	28.8	1
361	0	500	37.6338	88.2385	-238.7	PPS	7.17	5.35	1.36	0.746	3.927	5.261	1709.	41.	5.	760.2	28.9	1
362	0	512	37.6338	88.2391	-235.0	PPS	7.96	4.54	1.26	0.571	3.610	6.328	1671.	32.	4.	762.3	29.0	1
363	10	528	37.6338	88.2398	-235.2	PPS	8.20	1.76	1.24	0.0	0.0	6.600	1700.	41.	6.	763.3	28.9	1
364	0	540	37.6338	88.2405	-233.7	PPS	3.90	2.57	1.42	0.658	1.811	2.749	1620.	41.	7.	762.8	28.9	1
365	0	548	37.6338	88.2411	-232.5	QAL	6.85	2.91	1.20	0.426	2.430	5.710	1707.	35.	7.	761.8	28.8	1
366	10	544	37.6339	88.2417	-233.5	QAL	10.63	1.84	1.22	0.0	0.0	8.699	1631.	39.	8.	761.8	28.8	1
367	0	544	37.6339	88.2425	-230.7	QAL	5.94	3.83	1.24	0.645	3.099	4.804	1645.	36.	11.	762.8	28.7	1
368	10	536	37.6339	88.2431	-227.0	QAL	6.09	0.04	1.47	0.0	0.0	4.131	1649.	36.	15.	762.8	28.8	1
369	10	532	37.6339	88.2438	-223.5	QAL	6.71	1.60	1.25	0.0	0.0	5.384	1557.	41.	15.	761.8	28.8	1
370	0	524	37.6339	88.2444	-220.5	QAL	4.42	2.29	1.72	0.517	1.327	2.568	1585.	41.	16.	760.7	28.8	1
371	10	524	37.6339	88.2451	-213.7	QAL	7.13	0.56	1.30	0.0	0.0	5.484	1645.	30.	16.	760.7	28.8	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
372	10	520	37.6339	88.2458	-209.5	PPAB	7.22	0.56	1.24	0.0	0.0	5.814	1560.	47.	15.	763.3	28.8	1
373	0	504	37.6339	88.2465	-217.2	PPAB	5.92	2.79	1.29	0.470	2.165	4.601	1620.	44.	12.	763.3	28.8	1
374	10	496	37.6339	88.2471	-222.0	PPAB	5.68	1.05	1.23	0.0	0.0	4.613	1508.	41.	13.	761.2	28.9	1
375	10	496	37.6339	88.2478	-217.5	PPAB	9.84	1.19	0.97	0.0	0.0	10.192	1495.	37.	7.	760.2	28.9	1
376	0	440	37.6339	88.2485	-215.7	PPAB	5.19	2.31	1.14	0.446	2.029	4.553	1432.	29.	8.	759.7	28.9	1
377	0	420	37.6339	88.2491	-214.5	PPAB	6.10	1.85	1.14	0.304	1.627	5.353	1347.	36.	4.	760.7	28.8	1
378	0	416	37.6340	88.2498	-212.7	PPAB	6.58	2.74	0.81	0.416	3.372	8.098	1335.	45.	2.	762.8	28.8	1
379	0	408	37.6340	88.2504	-210.7	PPAB	5.01	2.02	0.82	0.404	2.458	6.089	1335.	33.	4.	761.8	28.8	1
380	0	404	37.6340	88.2511	-202.2	PPAB	4.41	3.03	0.98	0.688	3.100	4.509	1336.	44.	3.	760.7	28.8	1
381	10	412	37.6340	88.2518	-201.2	PPAB	7.06	1.08	1.11	0.0	0.0	6.373	1383.	39.	4.	760.7	28.7	1
382	0	400	37.6340	88.2524	-208.2	PPAB	4.52	4.04	1.20	0.893	3.362	3.766	1335.	33.	1.	760.7	28.7	1
383	0	416	37.6340	88.2531	-206.2	PPAB	4.82	3.92	1.05	0.813	3.736	4.594	1521.	47.	3.	762.8	28.7	1
384	0	416	37.6340	88.2538	-202.0	PPAB	6.07	4.09	1.01	0.673	4.043	6.003	1540.	50.	4.	763.8	28.8	1
385	0	412	37.6340	88.2545	-199.0	PPAB	5.39	2.17	1.15	0.402	1.881	4.682	1588.	30.	7.	762.3	28.8	1
386	0	424	37.6340	88.2551	-200.5	PPAB	7.97	2.22	0.99	0.278	2.230	8.026	1549.	27.	5.	761.2	28.8	1
387	0	452	37.6341	88.2558	-199.7	PPAB	6.90	2.25	1.27	0.327	1.775	5.437	1532.	41.	11.	761.2	28.8	1
388	0	460	37.6341	88.2564	-194.5	PPAB	6.68	2.02	1.25	0.302	1.613	5.336	1592.	42.	12.	761.2	28.7	1
389	0	428	37.6341	88.2570	-195.7	PPAB	7.25	2.89	1.34	0.399	2.154	5.403	1559.	40.	7.	762.8	28.8	1
390	0	416	37.6341	88.2578	-194.2	PPAB	6.00	3.39	0.89	0.564	3.814	6.761	1533.	33.	8.	763.8	28.8	1
391	10	428	37.6341	88.2585	-185.2	PPAB	6.59	0.83	1.49	0.0	0.0	4.432	1527.	43.	7.	762.8	28.7	1
392	0	424	37.6341	88.2591	-186.2	PPAB	9.13	2.37	0.89	0.260	2.669	10.280	1515.	43.	5.	762.3	28.7	1
393	0	412	37.6341	88.2597	-188.7	PPAB	7.54	1.86	0.87	0.247	2.137	8.652	1501.	27.	6.	762.3	28.7	1
394	0	428	37.6341	88.2605	-184.0	PPAB	6.45	3.07	1.01	0.476	3.046	6.397	1554.	42.	5.	761.2	28.7	1
395	10	444	37.6342	88.2611	-186.5	PPAB	7.06	0.65	1.40	0.0	0.0	5.044	1528.	58.	9.	761.2	28.7	1
396	10	440	37.6342	88.2617	-187.2	PPAB	9.33	1.24	1.48	0.0	0.0	6.304	1729.	36.	8.	762.3	28.8	1
397	10	444	37.6342	88.2624	-184.7	PPAB	7.35	1.40	1.28	0.0	0.0	5.722	1572.	43.	8.	763.3	28.8	1
398	0	460	37.6342	88.2630	-184.2	PPAB	6.93	2.59	1.38	0.373	1.878	5.038	1621.	45.	9.	763.3	28.8	1
399	0	468	37.6342	88.2638	-181.2	PPAB	7.56	3.49	1.06	0.461	3.287	7.132	1673.	27.	6.	763.8	28.8	1
400	10	472	37.6342	88.2644	-181.5	QAL	6.58	1.51	1.49	0.0	0.0	4.407	1700.	37.	5.	763.8	28.8	1
401	0	496	37.6342	88.2651	-183.5	QAL	8.37	1.77	1.13	0.211	1.559	7.397	1600.	43.	6.	762.8	28.8	1
402	0	508	37.6342	88.2657	-180.7	QAL	5.96	2.14	1.15	0.358	1.853	5.176	1547.	40.	8.	761.2	28.8	1
403	0	516	37.6342	88.2664	-176.2	QAL	6.12	3.03	1.00	0.496	3.049	6.149	1491.	49.	4.	760.2	28.8	1
404	0	520	37.6342	88.2671	-176.5	QAL	3.85	4.36	0.80	1.134	5.479	4.831	1446.	46.	6.	760.7	28.8	1
405	0	524	37.6342	88.2678	-176.0	QAL	5.71	2.24	1.09	0.392	2.050	5.232	1412.	27.	10.	761.8	28.9	1
406	10	524	37.6341	88.2685	-177.0	QAL	7.65	0.82	1.32	0.0	0.0	5.800	1500.	33.	10.	762.8	28.8	1
407	10	516	37.6340	88.2692	-178.7	QAL	5.96	0.23	0.93	0.0	0.0	6.418	1489.	42.	12.	763.3	28.8	1
408	0	500	37.6340	88.2699	-175.7	QAL	6.03	2.97	0.95	0.492	3.109	6.321	1493.	45.	11.	762.3	28.8	1
409	0	500	37.6340	88.2706	-174.2	QAL	7.02	2.34	1.04	0.333	2.253	6.760	1680.	33.	13.	761.2	28.8	1
410	0	504	37.6340	88.2713	-167.2	QAL	6.36	2.25	1.24	0.353	1.817	5.142	1598.	41.	14.	760.7	28.8	1
411	0	504	37.6339	88.2720	-158.2	QAL	3.96	3.76	1.11	0.951	3.381	3.554	1560.	41.	18.	760.7	28.8	1
412	0	508	37.6339	88.2727	-168.2	QAL	7.07	2.47	1.47	0.349	1.678	4.812	1625.	35.	15.	761.8	28.8	1
413	10	508	37.6339	88.2734	-170.7	QAL	8.36	1.66	1.20	0.0	0.0	6.959	1711.	31.	19.	762.8	28.8	1
414	10	484	37.6338	88.2741	-163.7	QAL	5.47	0.11	1.22	0.0	0.0	4.469	1487.	53.	17.	762.8	28.8	1
415	0	476	37.6337	88.2748	-165.5	QAL	6.07	2.09	0.74	0.345	2.840	8.239	1439.	48.	13.	762.8	28.8	1
416	0	484	37.6337	88.2755	-163.2	QAL	8.92	1.93	1.11	0.216	1.734	8.019	1679.	41.	8.	761.8	28.8	1
417	0	476	37.6337	88.2762	-162.5	QAL	7.32	1.71	1.28	0.233	1.334	5.726	1700.	46.	9.	760.7	28.8	1
418	0	476	37.6337	88.2769	-168.5	QAL	8.15	2.73	1.18	0.334	2.312	6.912	1575.	45.	7.	761.8	28.8	1
419	0	492	37.6336	88.2776	-165.7	QAL	7.14	2.91	1.18	0.408	2.479	6.072	1716.	26.	5.	761.8	28.8	1
420	0	504	37.6335	88.2782	-163.0	QAL	8.86	3.10	1.19	0.350	2.598	7.431	1681.	30.	9.	762.8	28.8	1
421	0	512	37.6335	88.2790	-164.5	QAL	5.97	2.13	1.16	0.357	1.834	5.137	1523.	45.	5.	762.8	28.8	1
422	0	500	37.6335	88.2797	-162.2	QAL	4.98	2.37	1.21	0.477	1.966	4.123	1591.	42.	9.	760.7	28.8	1
423	0	496	37.6334	88.2803	-158.5	QAL	4.20	3.35	1.34	0.797	2.509	3.146	1602.	41.	10.	759.2	28.8	1
424	0	496	37.6334	88.2810	-162.0	QAL	5.04	2.35	1.55	0.466	1.515	3.250	1591.	29.	10.	760.2	28.6	1

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
425	10	460	37.6334	88.2817	-164.7	QAL	9.66	1.43	1.52	0.0	0.0	6.368	1551.	37.	6.	761.2	28.6	1
426	0	484	37.6333	88.2824	-161.0	QAL	6.94	2.65	1.15	0.381	2.295	6.020	1551.	51.	7.	762.3	28.6	1
427	0	484	37.6333	88.2832	-157.5	QAL	7.43	2.42	0.86	0.325	2.807	8.630	1515.	29.	10.	762.3	28.5	1
428	0	484	37.6332	88.2839	-161.0	QAL	6.05	3.48	1.29	0.575	2.689	4.676	1662.	36.	6.	762.8	28.6	1
429	0	492	37.6332	88.2845	-156.7	QAL	6.14	2.51	0.99	0.409	2.539	6.212	1537.	40.	10.	763.8	28.6	1
430	10	492	37.6332	88.2852	-154.2	QAL	7.04	0.85	1.35	0.0	0.0	5.210	1588.	34.	9.	762.8	28.6	1
431	0	488	37.6331	88.2860	-159.2	PPAB	6.25	2.53	1.17	0.405	2.170	5.357	1521.	33.	7.	761.8	28.6	1
432	10	472	37.6331	88.2866	-159.7	PPAB	4.87	0.29	1.30	0.0	0.0	3.762	1447.	42.	11.	760.7	28.6	1
433	10	464	37.6330	88.2873	-157.7	PPAB	4.72	1.49	1.05	0.0	0.0	4.476	1436.	35.	9.	760.7	28.6	1
434	0	504	37.6330	88.2880	-158.5	PPAB	6.89	2.94	1.07	0.426	2.749	6.448	1580.	33.	10.	761.8	28.7	1
435	10	488	37.6330	88.2887	-154.0	PPAB	7.03	-0.22	1.42	0.0	0.0	4.949	1604.	42.	11.	762.8	28.8	1
436	10	484	37.6329	88.2895	-152.0	PPAB	8.59	1.46	1.17	0.0	0.0	7.322	1611.	26.	7.	762.8	28.8	1
437	0	492	37.6329	88.2901	-152.5	PPAB	6.70	3.30	1.44	0.493	2.289	4.643	1705.	23.	7.	762.8	28.7	1
438	0	500	37.6329	88.2908	-151.7	PPAB	7.43	3.04	1.07	0.409	2.836	6.940	1599.	45.	8.	762.8	28.6	1
439	10	516	37.6328	88.2915	-150.7	PPAB	9.14	1.46	1.14	0.0	0.0	7.997	1722.	39.	10.	762.8	28.5	1
440	10	512	37.6327	88.2922	-149.2	PPAB	9.17	0.51	1.77	0.0	0.0	5.187	1686.	32.	8.	761.8	28.5	1
441	0	492	37.6327	88.2929	-150.5	PPAB	7.34	3.52	1.15	0.480	3.073	6.401	1706.	38.	3.	761.2	28.5	1
442	0	488	37.6327	88.2936	-153.2	PPAB	8.74	2.81	1.21	0.321	2.316	7.204	1653.	43.	1.	761.2	28.5	1
443	0	468	37.6327	88.2943	-151.5	PPAB	5.66	2.67	1.38	0.471	1.936	4.112	1639.	49.	7.	761.2	28.5	1
444	0	472	37.6326	88.2950	-151.5	PPAB	5.42	3.01	1.34	0.555	2.242	4.038	1658.	43.	1.	762.3	28.5	1
445	0	436	37.6325	88.2957	-156.5	PPAB	7.16	2.49	1.19	0.347	2.099	6.043	1623.	46.	4.	763.3	28.5	1
446	0	444	37.6325	88.2963	-153.2	PPAB	6.80	3.82	1.31	0.562	2.919	5.192	1694.	41.	5.	763.8	28.5	1
447	0	444	37.6325	88.2971	-151.0	PPAB	6.32	2.33	1.28	0.369	1.824	4.945	1627.	33.	3.	763.8	28.5	1
448	10	440	37.6324	88.2978	-153.0	PPAB	6.32	1.15	1.30	0.0	0.0	4.856	1520.	32.	7.	763.8	28.5	1
449	0	428	37.6324	88.2985	-147.0	PPAB	5.43	2.31	1.20	0.426	1.922	4.508	1441.	42.	7.	762.8	28.6	1
450	0	440	37.6323	88.2992	-144.7	PPAB	7.12	2.40	1.07	0.337	2.245	6.668	1459.	28.	5.	761.8	28.6	1
451	10	404	37.6323	88.2999	-152.0	PPAB	6.00	0.82	0.86	0.0	0.0	6.955	1281.	51.	3.	760.7	28.5	1
452	0	408	37.6323	88.3006	-153.0	PPAB	6.33	1.76	1.10	0.278	1.604	5.769	1387.	40.	8.	761.2	28.5	1
453	0	364	37.6322	88.3012	-154.5	PPAB	4.14	1.47	1.08	0.354	1.358	3.836	1277.	39.	9.	762.3	28.5	1
454	10	376	37.6322	88.3019	-160.0	PPAB	6.05	0.94	0.81	0.0	0.0	7.487	1183.	47.	9.	763.3	28.5	1
455	10	420	37.6322	88.3026	-156.2	PPAB	5.75	-0.62	1.11	0.0	0.0	5.185	1243.	47.	12.	763.8	28.4	1
456	0	444	37.6321	88.3034	-153.0	PPAB	5.77	2.09	0.86	0.362	2.420	6.677	1288.	38.	12.	762.8	28.4	1
457	10	448	37.6320	88.3040	-154.2	PPAB	5.31	1.34	0.93	0.0	0.0	5.713	1255.	36.	13.	761.8	28.4	1
458	10	428	37.6320	88.3047	-155.2	PPAB	6.29	1.01	0.78	0.0	0.0	8.065	1226.	40.	12.	762.3	28.4	1
459	10	420	37.6320	88.3055	-151.5	PPAB	4.98	1.34	0.88	0.0	0.0	5.687	1218.	32.	12.	762.3	28.4	1
460	10	404	37.6320	88.3061	-151.5	PPAB	6.88	-0.01	1.22	0.0	0.0	5.650	1246.	45.	8.	761.2	28.4	1
461	0	376	37.6319	88.3068	-159.5	PPAB	6.48	2.33	0.75	0.359	3.101	8.639	1306.	36.	2.	762.3	28.4	1
462	0	368	37.6319	88.3075	-157.5	PPAB	4.56	2.17	1.28	0.476	1.703	3.578	1434.	39.	5.	762.8	28.4	1
463	0	376	37.6318	88.3082	-151.5	PPAB	8.82	1.61	1.01	0.183	1.596	8.726	1517.	34.	4.	762.8	28.4	1
464	0	376	37.6318	88.3089	-157.7	PPAB	7.30	2.97	1.39	0.407	2.140	5.257	1651.	44.	0.	763.8	28.4	1
465	0	368	37.6317	88.3097	-161.0	PPAB	6.34	4.44	1.07	0.701	4.151	5.919	1562.	47.	0.	763.8	28.5	1
466	0	376	37.6317	88.3103	-155.0	PPAB	5.10	3.62	1.39	0.710	2.597	3.658	1653.	41.	2.	762.8	28.5	1
467	0	360	37.6317	88.3110	-153.7	PPAB	9.38	2.60	1.27	0.277	2.049	7.405	1726.	39.	2.	761.8	28.5	1
468	0	352	37.6317	88.3117	-157.5	QAL	6.81	3.78	1.11	0.554	3.398	6.127	1733.	41.	4.	761.8	28.6	1
469	0	344	37.6316	88.3124	-159.5	QAL	8.24	3.56	1.40	0.432	2.540	5.876	1761.	33.	3.	762.8	28.6	1
470	0	340	37.6315	88.3131	-160.5	QAL	6.72	2.90	1.45	0.432	1.995	4.622	1624.	34.	7.	762.8	28.6	1
471	10	348	37.6315	88.3138	-160.2	QAL	7.35	0.93	1.21	0.0	0.0	6.079	1564.	42.	10.	763.8	28.6	1
472	0	344	37.6314	88.3145	-162.0	QAL	7.99	1.96	0.89	0.245	2.190	8.938	1411.	41.	11.	763.8	28.6	1
473	10	364	37.6314	88.3152	-164.5	PPAB	7.95	1.05	0.82	0.0	0.0	9.682	1356.	32.	13.	762.8	28.6	1
474	0	400	37.6314	88.3158	-162.0	PPAB	5.92	2.42	1.11	0.409	2.187	5.346	1415.	33.	9.	761.8	28.6	1
475	0	424	37.6313	88.3166	-157.7	PPAB	5.18	3.51	0.82	0.677	4.288	6.330	1371.	33.	7.	761.8	28.6	1
476	0	444	37.6313	88.3173	-160.7	PPAB	6.28	1.67	1.25	0.266	1.338	5.019	1473.	33.	9.	761.8	28.6	1
477	0	504	37.6313	88.3180	-166.5	PPAB	5.66	2.16	1.33	0.381	1.618	4.248	1591.	47.	8.	761.8	28.5	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
478	0	512	37.6312	88.3187	-167.5	PPAB	7.03	2.44	1.36	0.348	1.794	5.159	1493.	35.	5.	762.8	28.5	1
479	10	516	37.6312	88.3194	-164.0	PPAB	7.18	1.56	1.34	0.0	0.0	5.350	1466.	50.	4.	763.8	28.5	1
480	0	512	37.6311	88.3201	-164.2	PPAB	9.82	2.60	1.06	0.265	2.450	9.256	1509.	43.	0.	763.8	28.5	1
481	0	516	37.6311	88.3208	-165.5	PPAB	3.67	2.16	1.35	0.587	1.596	2.717	1531.	32.	3.	763.8	28.5	1
482	0	512	37.6311	88.3215	-163.0	PPAB	5.75	2.08	1.31	0.363	1.589	4.381	1427.	45.	4.	762.8	28.5	1
483	0	488	37.6310	88.3221	-164.7	PPAB	7.21	1.81	0.99	0.251	1.824	7.280	1462.	45.	3.	762.8	28.5	1
484	0	456	37.6310	88.3229	-166.2	PPAB	5.91	1.90	1.18	0.321	1.607	5.010	1479.	37.	3.	762.8	28.5	1
485	0	436	37.6310	88.3235	-166.5	PPAB	6.09	3.06	1.10	0.502	2.789	5.553	1433.	35.	4.	760.7	28.6	1
486	0	392	37.6309	88.3243	-169.5	PPAB	5.85	2.17	0.83	0.371	2.615	7.045	1212.	47.	4.	760.7	28.7	1
487	0	404	37.6309	88.3250	-168.7	PPAB	4.97	3.59	1.05	0.723	3.431	4.749	1326.	37.	3.	761.8	28.8	1
488	0	404	37.6308	88.3256	-169.5	PPAB	5.51	1.34	1.11	0.243	1.206	4.967	1422.	33.	4.	761.8	28.8	1
489	0	396	37.6307	88.3263	-172.0	PPAB	6.15	1.98	1.36	0.323	1.454	4.509	1489.	30.	4.	761.8	28.8	1
490	0	380	37.6308	88.3270	-167.5	PPAB	5.60	2.50	0.95	0.446	2.634	5.901	1437.	48.	5.	761.8	28.8	1
491	0	372	37.6307	88.3277	-163.2	PPAB	6.56	2.75	1.22	0.420	2.257	5.375	1495.	48.	5.	761.8	28.8	1
492	0	380	37.6306	88.3284	-162.2	PPAB	4.70	4.05	1.30	0.861	3.115	3.618	1559.	42.	0.	762.8	28.8	1
493	0	372	37.6306	88.3292	-169.7	PPAB	8.98	3.45	1.28	0.384	2.699	7.024	1782.	37.	2.	762.8	28.8	1
494	10	368	37.6306	88.3298	-174.7	PPAB	8.86	1.26	1.29	0.0	0.0	6.852	1709.	48.	0.	762.8	28.9	1
495	0	368	37.6306	88.3306	-172.2	PPAB	5.61	2.97	1.05	0.530	2.826	5.336	1574.	48.	0.	762.8	28.8	1
496	0	372	37.6305	88.3312	-171.2	PPAB	6.68	4.71	0.85	0.706	5.535	7.841	1657.	52.	2.	762.8	28.8	1
497	0	384	37.6304	88.3319	-169.5	PPAB	7.47	3.42	1.45	0.458	2.359	5.156	1734.	42.	8.	762.8	28.8	1
498	0	376	37.6304	88.3326	-166.0	PPAB	7.51	3.09	1.34	0.411	2.305	5.605	1676.	38.	6.	762.8	28.8	1
499	10	372	37.6304	88.3333	-169.0	PPAB	7.80	0.85	1.27	0.0	0.0	6.150	1632.	41.	10.	761.8	28.8	1
500	10	372	37.6303	88.3340	-172.5	PPAB	7.72	1.20	0.98	0.0	0.0	7.915	1612.	42.	11.	760.7	28.8	1
501	0	356	37.6303	88.3347	-173.5	PPAB	6.23	2.73	1.12	0.438	2.445	5.582	1638.	42.	7.	761.2	28.8	1
502	0	344	37.6302	88.3354	-175.5	PPAB	6.55	2.17	1.10	0.331	1.963	5.927	1538.	35.	6.	761.2	28.8	1
503	0	348	37.6302	88.3361	-179.5	PPAB	6.56	2.47	1.15	0.377	2.157	5.724	1487.	34.	6.	761.2	28.8	1
504	10	352	37.6302	88.3368	-175.5	PPAB	7.41	1.08	1.05	0.0	0.0	7.080	1408.	39.	6.	761.2	28.8	1
505	0	368	37.6301	88.3375	-169.7	PPAB	6.05	2.46	1.05	0.406	2.337	5.754	1435.	45.	7.	761.2	28.8	1
506	0	376	37.6301	88.3382	-174.0	PPAB	7.08	1.59	1.18	0.224	1.348	6.014	1383.	43.	4.	762.3	28.8	1
507	10	368	37.6301	88.3389	-176.7	PPAB	7.69	0.92	0.87	0.0	0.0	8.815	1353.	38.	5.	763.8	28.8	1
508	0	360	37.6300	88.3396	-172.0	PPAB	6.04	2.79	0.92	0.461	3.030	6.573	1378.	41.	2.	763.8	28.8	1
509	0	380	37.6300	88.3403	-173.5	PPAB	5.17	2.47	1.08	0.479	2.295	4.793	1369.	35.	4.	763.8	28.8	1
510	10	392	37.6299	88.3410	-180.0	PPAB	7.15	0.23	1.08	0.0	0.0	6.648	1295.	41.	5.	762.8	28.8	1
511	0	380	37.6299	88.3416	-178.5	PPAB	8.70	2.89	1.01	0.332	2.858	8.614	1359.	50.	2.	761.2	28.9	1
512	0	392	37.6299	88.3424	-177.0	PPAB	5.43	3.42	0.80	0.630	4.257	6.761	1257.	51.	1.	761.2	28.9	1
513	0	400	37.6298	88.3431	-179.2	PPAB	5.53	2.05	1.00	0.371	2.042	5.509	1385.	37.	8.	761.2	28.9	1
514	0	408	37.6297	88.3438	-182.7	PPAB	6.65	1.77	1.42	0.266	1.243	4.670	1480.	34.	2.	761.2	28.9	1
515	0	432	37.6297	88.3445	-180.5	PPAB	8.57	2.23	0.98	0.261	2.273	8.720	1522.	40.	5.	761.8	29.0	1
516	0	416	37.6297	88.3452	-178.7	PPAB	7.91	1.88	1.03	0.238	1.821	7.660	1373.	42.	4.	761.8	29.1	1
517	0	416	37.6297	88.3458	-180.0	PPAB	6.50	2.62	1.10	0.403	2.384	5.913	1344.	27.	2.	761.8	29.1	1
518	0	440	37.6296	88.3465	-180.0	PPAB	4.81	2.97	0.74	0.617	4.000	6.478	1242.	37.	7.	762.8	29.1	1
519	0	464	37.6295	88.3472	-182.2	PPAB	7.21	2.95	0.98	0.409	3.006	7.352	1306.	26.	7.	762.8	29.0	1
520	0	448	37.6295	88.3479	-185.0	PPAB	5.72	2.17	0.90	0.379	2.419	6.385	1375.	47.	6.	762.8	29.0	1
521	10	464	37.6295	88.3487	-185.0	PPAB	5.59	1.33	1.06	0.0	0.0	5.256	1391.	42.	6.	762.8	28.9	1
522	0	464	37.6294	88.3493	-186.5	PPAB	3.85	2.42	1.22	0.627	1.975	3.150	1377.	43.	10.	762.8	28.9	1
523	10	448	37.6294	88.3501	-190.7	PPAB	7.68	0.47	0.86	0.0	0.0	8.903	1323.	40.	8.	762.8	28.8	1
524	0	424	37.6294	88.3508	-190.0	PPAB	2.98	1.51	0.83	0.505	1.821	3.603	1214.	37.	8.	762.8	28.8	1
525	0	452	37.6293	88.3514	-185.2	PPAB	5.20	2.86	0.72	0.550	3.992	7.254	1283.	47.	9.	761.8	28.8	1
526	0	440	37.6293	88.3521	-185.7	PPAB	3.85	3.15	0.95	0.819	3.313	4.047	1326.	37.	10.	761.8	28.8	1
527	10	408	37.6292	88.3528	-190.5	PPAB	6.83	0.50	0.97	0.0	0.0	7.063	1341.	26.	11.	761.8	28.8	1
528	0	432	37.6292	88.3535	-193.5	PPAB	5.19	2.26	0.70	0.436	3.229	7.400	1396.	52.	14.	761.2	28.8	1
529	10	416	37.6292	88.3542	-188.5	PPAB	7.07	0.79	1.10	0.0	0.0	6.403	1408.	46.	12.	761.2	28.8	1
530	0	408	37.6291	88.3550	-189.5	PPAB	6.59	2.67	0.83	0.405	3.229	7.967	1434.	31.	14.	762.3	28.8	1

CP9 IP 12

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
531	0	388	37.6290	88.3556	-198.5	PPAB	5.30	2.23	0.97	0.420	2.286	5.445	1417.	33.	16.	762.8	28.8	1
532	10	376	37.6290	88.3563	-196.2	PPAB	4.93	0.90	0.98	0.0	0.0	5.030	1314.	46.	17.	762.8	28.8	1
533	0	392	37.6290	88.3570	-190.7	PPAB	5.06	1.57	1.03	0.309	1.516	4.903	1443.	50.	15.	763.3	28.8	1
534	10	420	37.6290	88.3577	-193.2	PPAB	8.32	0.84	1.08	0.0	0.0	7.706	1532.	45.	16.	763.3	28.8	1
535	0	416	37.6289	88.3584	-196.7	PPAB	6.27	1.82	0.91	0.290	1.993	6.879	1597.	47.	14.	763.3	28.9	1
536	10	412	37.6289	88.3591	-198.0	PPAB	7.93	0.51	1.08	0.0	0.0	7.340	1599.	40.	11.	763.3	29.1	1
537	0	400	37.6289	88.3598	-199.2	PPAB	6.17	2.33	1.20	0.377	1.939	5.137	1495.	36.	11.	763.3	29.1	1
538	0	420	37.6288	88.3605	-199.5	PPAB	5.85	2.48	1.09	0.425	2.288	5.388	1487.	53.	9.	763.3	29.1	1
539	10	432	37.6287	88.3611	-201.5	PPAB	7.86	1.27	1.21	0.0	0.0	6.511	1553.	41.	7.	762.8	29.2	1
540	0	436	37.6287	88.3618	-204.5	PPAB	5.95	4.21	1.23	0.707	3.417	4.832	1643.	31.	4.	762.8	29.2	1
541	0	440	37.6286	88.3626	-200.0	PPAB	6.22	1.96	1.26	0.315	1.553	4.930	1616.	37.	5.	762.8	29.1	1
542	0	448	37.6286	88.3633	-199.7	PPAB	5.51	4.57	0.79	0.830	5.755	6.936	1485.	41.	4.	762.8	29.1	1
543	0	460	37.6286	88.3640	-204.5	PPAB	7.59	2.46	1.02	0.324	2.419	7.460	1591.	37.	7.	760.7	29.1	1
544	10	468	37.6285	88.3647	-204.0	PPAB	7.04	1.47	1.45	0.0	0.0	4.849	1580.	48.	5.	760.7	29.2	1
545	0	464	37.6285	88.3654	-203.2	PPAB	5.17	3.80	0.90	0.735	4.202	5.715	1523.	50.	5.	760.7	29.2	1
546	111	448	37.6285	88.3660	-216.5	PPAB	5.67	1.51	1.30	0.0	0.0	0.0	1400.	49.	7.	760.7	29.2	1
547	0	492	37.6284	88.3668	-209.2	PPAB	6.31	3.13	0.96	0.497	3.271	6.584	1556.	44.	7.	760.7	29.3	1
548	0	492	37.6284	88.3674	-209.2	PPAB	6.31	3.13	0.96	0.497	3.271	6.584	1556.	44.	7.	760.7	29.3	1
549	0	496	37.6283	88.3681	-202.7	PPAB	6.77	1.89	0.87	0.279	2.162	7.738	1547.	42.	12.	760.7	29.3	1
550	0	484	37.6283	88.3689	-204.0	PPAB	6.97	1.86	1.32	0.267	1.406	5.264	1578.	42.	12.	761.8	29.2	1
551	0	484	37.6283	88.3696	-209.7	PPAB	8.96	3.76	0.85	0.419	4.436	10.576	1671.	31.	8.	761.8	29.2	1
552	0	476	37.6282	88.3703	-208.0	PPAB	6.18	4.02	1.16	0.650	3.456	5.318	1585.	42.	8.	761.8	29.1	1
553	0	476	37.6282	88.3709	-206.5	PPAB	7.91	4.38	0.89	0.553	4.929	8.910	1601.	33.	7.	762.3	29.1	1
554	0	492	37.6281	88.3716	-217.5	PPAB	9.21	2.48	0.94	0.269	2.639	9.813	1577.	26.	6.	762.3	29.0	1
555	0	496	37.6281	88.3723	-218.0	PPAB	7.08	2.78	1.03	0.393	2.696	6.869	1603.	29.	8.	762.3	29.0	1
556	0	492	37.6281	88.3730	-205.7	PPAB	6.56	2.42	1.27	0.369	1.906	5.160	1576.	44.	6.	762.8	29.0	1
557	0	476	37.6280	88.3737	-208.0	PPAB	6.87	1.69	1.42	0.246	1.192	4.852	1619.	26.	7.	762.8	28.9	1
558	0	472	37.6280	88.3744	-215.0	PPAB	10.14	2.40	1.05	0.236	2.274	9.622	1642.	34.	2.	761.8	28.9	1
559	0	480	37.6280	88.3751	-216.5	PPAB	6.50	2.78	1.21	0.427	2.293	5.366	1625.	46.	6.	760.7	29.0	1
560	0	492	37.6279	88.3758	-216.5	PPAB	7.04	2.02	1.32	0.287	1.533	5.336	1600.	46.	4.	760.7	28.9	1
561	0	488	37.6279	88.3765	-216.5	PPAB	8.22	5.07	1.25	0.617	4.049	6.562	1723.	42.	2.	760.7	28.9	1
562	0	488	37.6278	88.3772	-220.5	PPAB	6.67	5.49	1.00	0.824	5.486	6.660	1645.	42.	1.	760.7	29.0	1
563	0	484	37.6278	88.3779	-225.0	PPAB	8.40	2.89	1.46	0.344	1.985	5.769	1711.	51.	4.	760.7	29.0	1
564	10	488	37.6277	88.3786	-220.5	PPAB	5.83	1.30	1.30	0.0	0.0	4.496	1646.	40.	9.	760.7	29.0	1
565	0	500	37.6277	88.3793	-220.2	PPAB	6.89	2.83	1.21	0.411	2.338	5.685	1688.	38.	10.	761.8	29.1	1
566	0	508	37.6276	88.3800	-222.7	PPAB	8.33	2.58	1.39	0.310	1.865	6.013	1633.	34.	7.	762.8	29.1	1
567	10	512	37.6276	88.3806	-216.5	PPAB	7.81	0.82	1.15	0.0	0.0	6.768	1478.	34.	10.	762.8	29.1	1
568	0	504	37.6276	88.3813	-213.0	PPAB	7.53	4.51	0.88	0.599	5.107	8.524	1532.	37.	9.	762.8	29.1	1
569	0	508	37.6277	88.3820	-220.0	PPAB	4.96	2.17	1.26	0.438	1.719	3.922	1528.	37.	12.	762.8	29.1	1
570	0	508	37.6277	88.3827	-225.0	PPAB	7.06	3.01	0.90	0.426	3.334	7.830	1544.	35.	7.	762.8	29.1	1
571	0	504	37.6277	88.3833	-225.2	PPAB	6.50	2.97	0.91	0.457	3.280	7.170	1515.	42.	9.	762.8	29.1	1
572	10	500	37.6278	88.3840	-229.0	PPAB	8.35	1.82	1.27	0.0	0.0	6.576	1674.	31.	12.	761.8	29.1	1
573	10	492	37.6278	88.3846	-229.2	PPAB	8.98	0.13	1.31	0.0	0.0	6.864	1563.	33.	9.	760.7	29.1	1
574	0	484	37.6278	88.3853	-229.0	PPAB	7.09	2.06	1.51	0.291	1.369	4.703	1719.	29.	12.	760.7	29.1	1
575	10	476	37.6278	88.3859	-231.2	PPAB	9.31	1.29	1.22	0.0	0.0	7.612	1679.	38.	12.	760.7	29.1	1
576	0	468	37.6278	88.3866	-233.0	PPAB	7.23	2.64	1.20	0.366	2.200	6.018	1711.	27.	11.	760.7	29.2	1
577	0	448	37.6279	88.3873	-230.7	PPAB	6.37	3.33	1.44	0.522	2.304	4.413	1702.	42.	6.	760.7	29.2	1
578	0	408	37.6279	88.3880	-230.7	PPAB	8.07	2.60	0.98	0.322	2.647	8.215	1504.	30.	8.	761.8	29.2	1
579	0	396	37.6280	88.3886	-229.0	PPAB	8.97	2.24	0.97	0.250	2.313	9.261	1614.	38.	4.	761.8	29.2	1
580	0	408	37.6280	88.3892	-227.0	PPAB	8.16	1.85	1.10	0.227	1.678	7.394	1629.	45.	7.	761.8	29.3	1
581	0	416	37.6280	88.3899	-230.0	PPAB	7.19	1.75	1.53	0.244	1.147	4.709	1662.	34.	6.	762.8	29.3	1
582	0	424	37.6280	88.3905	-232.5	PPAB	5.77	3.07	0.85	0.533	3.609	6.770	1667.	37.	5.	762.8	29.3	1
583	0	432	37.6280	88.3912	-228.5	PPAB	7.90	2.39	1.32	0.303	1.813	5.984	1672.	52.	0.	762.3	29.3	1

CP9 1P 12

* ID	TAGS QUAL	ALT	LAT	* LOCATION LONG	MAG	* RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	AIR	PRESS	TEMP	SYS *
584	0	420	37.6281	88.3919	-228.0	PPAB	7.90	2.44	1.30	0.309	1.879	6.085	1589.	44.	1.	762.3	29.3	1
585	0	436	37.6281	88.3925	-235.5	PPAB	8.26	4.19	1.03	0.507	4.076	8.046	1732.	38.	0.	761.8	29.3	1
586	0	428	37.6282	88.3932	-243.0	PPAB	9.01	3.30	0.75	0.367	4.404	12.005	1563.	42.	0.	760.7	29.3	1
587	0	428	37.6282	88.3939	-239.5	PPAB	7.94	2.30	1.11	0.290	2.071	7.138	1671.	46.	1.	759.7	29.3	1
588	0	428	37.6282	88.3945	-237.5	PPAB	5.64	4.99	1.23	0.885	4.068	4.597	1661.	31.	2.	759.2	29.3	1
589	0	420	37.6282	88.3952	-236.0	PPAB	5.38	4.05	0.95	0.753	4.279	5.685	1531.	42.	4.	759.2	29.2	1
590	0	412	37.6283	88.3958	-234.7	PPAB	7.23	2.61	0.88	0.361	2.980	8.252	1341.	45.	5.	759.2	29.2	1
591	0	440	37.6283	88.3964	-242.0	PPAB	6.86	2.81	0.94	0.410	2.983	7.267	1421.	35.	5.	758.7	29.2	1
592	10	508	37.6283	88.3971	-242.0	PPAB	6.17	1.49	1.12	0.0	0.0	5.486	1530.	46.	9.	758.7	29.2	1
593	10	520	37.6284	88.3977	-237.7	PPAB	6.76	1.66	1.14	0.0	0.0	5.949	1597.	41.	11.	758.7	29.1	1
594	0	520	37.6284	88.3984	-242.2	PPAB	6.71	1.91	1.11	0.285	1.728	6.064	1503.	49.	11.	758.7	29.0	1
595	10	532	37.6284	88.3991	-246.0	QAL	7.97	0.62	1.48	0.0	0.0	5.369	1629.	45.	11.	758.7	28.9	1
596	0	540	37.6284	88.3998	-240.5	QAL	8.08	2.25	1.23	0.278	1.836	6.597	1612.	31.	12.	757.6	28.9	1
597	10	556	37.6285	88.4004	-239.2	QAL	7.33	1.72	1.15	0.0	0.0	6.352	1552.	44.	7.	758.7	28.8	1
598	10	572	37.6285	88.4011	-239.5	QAL	9.21	1.59	1.33	0.0	0.0	6.920	1540.	46.	9.	758.7	28.8	1
599	10	576	37.6285	88.4017	-236.0	QAL	7.00	0.42	1.02	0.0	0.0	6.885	1446.	38.	12.	758.7	28.8	1
600	10	596	37.6285	88.4024	-240.7	QAL	5.04	1.50	1.27	0.0	0.0	3.981	1416.	36.	11.	758.7	28.7	1
601	10	660	37.6286	88.4030	-247.5	QAL	9.05	-1.26	1.39	0.0	0.0	6.507	1606.	26.	13.	758.7	28.6	1
602	10	676	37.6286	88.4037	-247.0	QAL	7.10	-0.14	1.32	0.0	0.0	5.389	1605.	41.	16.	758.7	28.7	1
603	10	676	37.6286	88.4043	-245.2	QAL	6.60	1.03	0.96	0.0	0.0	6.900	1647.	33.	13.	758.7	28.6	1
604	10	680	37.6287	88.4050	-244.7	QAL	7.85	2.52	1.55	0.0	0.0	5.056	1665.	42.	13.	758.1	28.6	1
605	10	676	37.6287	88.4057	-246.0	QAL	8.22	2.38	1.05	0.0	0.0	7.809	1808.	38.	15.	758.	28.6	1
606	0	680	37.6287	88.4063	-248.2	QAL	10.97	3.19	1.20	0.290	2.650	9.123	2010.	32.	11.	758.1	28.6	1
607	0	656	37.6287	88.4070	-248.7	QAL	10.02	3.32	1.94	0.331	1.714	5.176	2041.	41.	12.	757.1	28.6	1
608	10	644	37.6287	88.4076	-253.2	QAL	9.74	2.33	1.59	0.0	0.0	5.947	2052.	47.	13.	757.6	28.6	1
609	0	680	37.6288	88.4083	-254.0	QAL	8.30	3.87	1.79	0.466	2.156	4.627	2084.	49.	10.	757.6	28.6	1
610	1000	732	37.6288	88.4089	-249.0	QAL	9.87	3.77	2.12	0.382	1.777	4.651	2344.	42.	13.	756.6	28.6	1
611	1000	812	37.6289	88.4096	-250.7	QAL	9.36	6.02	2.19	0.643	2.753	4.285	2636.	52.	14.	757.1	28.7	1
612	1010	900	37.6289	88.4103	-251.2	PPS	16.14	0.42	3.55	0.0	0.0	4.544	3292.	37.	18.	757.1	28.7	1
613	1111	1928	37.6289	88.4110	-246.7	PPS	113.74	-59.56	38.50	0.0	0.0	0.0	19516.	35.	28.	757.1	28.6	1
614	0	612	37.6289	88.4116	-248.0	PPS	10.10	4.95	1.81	0.490	2.730	5.574	2102.	38.	11.	757.6	28.6	1
615	0	528	37.6289	88.4123	-253.7	PPS	6.82	4.98	1.23	0.730	4.044	5.541	1828.	42.	5.	756.6	28.6	1
616	0	520	37.6290	88.4129	-254.2	PPS	9.47	2.17	1.48	0.229	1.465	6.395	1794.	45.	6.	756.	28.5	1
617	10	528	37.6290	88.4135	-251.5	PPAB	9.79	1.39	1.17	0.0	0.0	8.345	1796.	33.	6.	756.1	28.5	1
618	0	532	37.6290	88.4142	-251.7	PPAB	6.82	5.69	1.20	0.834	4.753	5.696	1776.	34.	6.	756.1	28.5	1
619	0	524	37.6291	88.4149	-257.0	PPAB	9.15	3.95	1.37	0.431	2.883	6.686	1938.	37.	1.	756.1	28.5	1
620	0	516	37.6291	88.4155	-260.0	PPAB	8.25	3.45	1.71	0.419	2.018	4.820	2007.	40.	6.	755.5	28.5	1
621	0	524	37.6291	88.4162	-256.5	PPAB	9.76	5.01	1.41	0.513	3.547	6.912	2032.	49.	5.	754.5	28.5	1
622	0	556	37.6292	88.4169	-252.0	PPAB	8.72	8.17	1.50	0.937	5.436	5.800	2358.	33.	4.	755.5	28.5	1
623	0	564	37.6292	88.4175	-253.5	PPAB	10.35	5.47	1.60	0.529	3.420	6.466	2088.	42.	4.	755.5	28.5	1
624	0	564	37.6292	88.4182	-255.5	PPAB	8.18	5.37	1.34	0.657	4.018	6.116	2059.	29.	6.	754.5	28.5	1
625	0	588	37.6292	88.4189	-249.5	PPAB	8.72	4.11	1.09	0.471	3.775	8.016	1911.	32.	5.	754.5	28.5	1
626	0	564	37.6292	88.4195	-252.0	PPAB	3.82	3.08	1.15	0.806	2.674	3.317	1587.	32.	9.	754.5	28.5	1
627	0	552	37.6293	88.4201	-257.7	PPAB	6.24	5.24	0.75	0.840	6.994	8.331	1436.	31.	7.	754.5	28.5	1
628	0	544	37.6293	88.4207	-251.2	PPAB	7.20	2.71	1.10	0.376	2.463	6.547	1466.	33.	4.	755.5	28.6	1
629	0	576	37.6294	88.4214	-247.7	PPAB	3.98	3.24	0.67	0.813	4.847	5.964	1383.	39.	4.	755.5	28.6	1
630	0	624	37.6294	88.4221	-253.5	PPAB	7.44	3.49	0.92	0.470	3.788	8.065	1481.	39.	1.	755.0	28.6	1
631	0	648	37.6294	88.4227	-260.5	PPAB	5.06	3.40	0.90	0.673	3.774	5.611	1488.	37.	0.	756.1	28.6	1
632	0	652	37.6294	88.4234	-258.2	PPAB	6.55	2.48	1.20	0.379	2.075	5.481	1481.	50.	0.	757.1	28.6	1
633	0	656	37.6294	88.4241	-258.5	PPAB	5.15	5.63	0.86	1.093	6.515	5.959	1327.	44.	1.	757.1	28.8	1
634	0	632	37.6295	88.4247	-265.0	PPAB	6.65	2.43	0.93	0.366	2.617	7.149	1383.	37.	5.	757.6	28.8	1
635	0	604	37.6295	88.4254	-262.7	PPAB	6.30	2.46	0.93	0.390	2.642	6.769	1322.	45.	1.	757.6	28.8	1
636	0	588	37.6296	88.4260	-257.5	PPAB	5.65	2.30	0.75	0.408	3.062	7.511	1251.	48.	3.	756.6	28.8	1

CP9 IP12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
637	0	580	37.6296	88.4267	-260.7	PPAB	6.98	3.96	0.54	0.567	7.341	12.950	1340.	46.	5.	756.1	28.8	1
638	10	556	37.6296	88.4274	-261.7	PPAB	6.09	1.70	1.02	0.0	0.0	5.957	1311.	40.	7.	756.1	28.8	1
639	0	528	37.6296	88.4280	-264.5	PPAB	5.19	3.59	0.75	0.692	4.785	6.914	1334.	31.	5.	756.1	28.8	1
640	0	508	37.6296	88.4286	-266.5	PPAB	5.69	1.77	1.08	0.310	1.638	5.278	1265.	52.	5.	755.0	28.8	1
641	0	492	37.6297	88.4294	-260.5	PPAB	5.44	3.32	0.78	0.610	4.245	6.957	1313.	43.	5.	755.5	28.8	1
642	0	472	37.6297	88.4300	-261.7	PPAB	6.24	1.86	1.05	0.298	1.771	5.950	1385.	33.	6.	755.5	28.8	1
643	10	448	37.6298	88.4306	-265.0	PPAB	5.56	-0.16	1.32	0.0	0.0	4.216	1312.	37.	5.	754.5	28.8	1
644	0	440	37.6298	88.4313	-261.7	PPAB	4.30	2.43	1.12	0.565	2.175	3.849	1341.	34.	5.	755.5	28.8	1
645	0	448	37.6298	88.4320	-262.7	PPAB	3.88	2.17	1.14	0.560	1.907	3.403	1276.	52.	1.	756.6	28.8	1
646	0	456	37.6298	88.4326	-264.0	PPAB	4.91	3.54	0.92	0.722	3.873	5.365	1329.	46.	1.	755.0	28.8	1
647	0	460	37.6298	88.4333	-259.7	PPAB	6.73	2.51	0.95	0.373	2.635	7.057	1372.	39.	0.	754.0	28.8	1
648	0	452	37.6299	88.4339	-263.2	PPAB	6.12	2.63	0.81	0.429	3.230	7.526	1308.	55.	0.	754.5	28.8	1
649	0	444	37.6299	88.4346	-271.7	PPAB	4.79	2.73	1.08	0.570	2.521	4.427	1326.	43.	0.	754.5	28.7	1
650	0	440	37.6300	88.4353	-270.0	PPCV	6.10	4.13	0.78	0.678	5.332	7.867	1396.	38.	0.	753.5	28.7	1
651	0	424	37.6300	88.4359	-269.7	PPCV	5.29	3.01	0.85	0.569	3.558	6.257	1282.	45.	0.	753.5	28.6	1
652	0	408	37.6300	88.4366	-268.0	PPCV	4.73	2.67	1.03	0.566	2.608	4.611	1334.	50.	6.	753.5	28.6	1
653	10	404	37.6300	88.4372	-267.0	PPCV	6.24	0.03	1.21	0.0	0.0	5.142	1257.	39.	7.	752.4	28.6	1
654	0	396	37.6300	88.4379	-277.0	PPCV	4.89	2.39	1.25	0.488	1.905	3.900	1399.	41.	2.	752.4	28.6	1
655	0	392	37.6301	88.4385	-275.5	MCU	4.41	1.66	1.08	0.377	1.538	4.080	1315.	41.	7.	753.5	28.6	1
656	0	408	37.6301	88.4392	-271.0	MCU	6.19	2.65	0.77	0.428	3.460	8.090	1327.	42.	8.	752.4	28.5	1
657	10	436	37.6302	88.4398	-280.5	MCU	6.07	0.43	0.85	0.0	0.0	7.167	1237.	33.	11.	751.4	28.5	1
658	0	440	37.6302	88.4405	-279.2	MCU	4.43	1.50	1.00	0.338	1.491	4.414	1286.	37.	9.	751.9	28.5	1
659	0	428	37.6302	88.4412	-276.5	MCU	7.03	2.76	0.89	0.393	3.113	7.917	1321.	32.	6.	751.9	28.5	1
660	0	412	37.6302	88.4418	-285.5	MCU	4.33	2.49	0.65	0.577	3.831	6.644	1222.	42.	8.	751.9	28.5	1
661	0	412	37.6303	88.4425	-280.7	MCU	5.31	2.86	0.83	0.533	3.425	6.369	1248.	49.	6.	751.9	28.4	1
662	0	392	37.6303	88.4432	-274.0	MCU	2.22	3.66	0.78	1.651	4.701	2.848	1271.	46.	3.	751.9	28.4	1
663	0	364	37.6303	88.4438	-278.5	PPAB	7.90	3.01	0.79	0.381	3.824	10.025	1335.	40.	1.	751.4	28.4	1
664	0	356	37.6303	88.4445	-281.5	PPAB	6.06	1.87	1.03	0.309	1.818	5.881	1323.	46.	3.	751.4	28.4	1
665	0	364	37.6304	88.4451	-282.0	PPAB	5.45	1.19	0.90	0.218	1.318	6.039	1300.	30.	4.	752.4	28.4	1
666	0	384	37.6304	88.4457	-277.2	PPAB	5.58	1.76	0.86	0.315	2.040	6.466	1173.	57.	2.	752.4	28.4	1
667	0	412	37.6304	88.4464	-278.5	PPAB	5.35	1.74	0.70	0.325	2.472	7.600	1070.	40.	4.	751.9	28.4	1
668	0	440	37.6305	88.4471	-286.2	PPAB	1.99	2.74	0.57	1.377	4.792	3.480	999.	48.	3.	751.9	28.4	1
669	0	488	37.6305	88.4477	-289.7	PPAB	4.20	3.12	0.47	0.741	6.670	8.997	1024.	52.	2.	751.9	28.4	1
670	0	520	37.6305	88.4484	-288.5	PPAB	4.23	2.80	0.78	0.662	3.613	5.457	1113.	40.	6.	752.4	28.5	1
671	0	548	37.6305	88.4491	-287.5	PPAB	6.30	2.09	0.76	0.332	2.749	8.271	1199.	28.	5.	752.4	28.5	1
672	0	544	37.6305	88.4497	-283.2	PPAB	5.22	1.84	0.92	0.353	2.002	5.667	1252.	34.	4.	752.4	28.5	1
673	0	524	37.6306	88.4504	-285.5	PPAB	4.29	2.07	0.82	0.483	2.524	5.223	1123.	40.	7.	752.4	28.5	1
674	10	512	37.6306	88.4510	-291.7	PPAB	4.83	0.74	0.90	0.0	0.0	5.382	1252.	34.	4.	753.5	28.6	1
675	0	524	37.6307	88.4517	-293.0	PPAB	4.86	1.73	1.07	0.356	1.623	4.565	1275.	40.	5.	754.0	28.6	1
676	0	540	37.6307	88.4523	-289.7	PPAB	5.54	2.64	0.79	0.476	3.329	7.001	1217.	44.	6.	754.0	28.6	1
677	10	532	37.6307	88.4530	-289.5	PPAB	5.27	0.94	1.00	0.0	0.0	5.246	1346.	37.	6.	753.5	28.5	1
678	0	532	37.6307	88.4537	-294.0	PPAB	6.68	1.94	1.11	0.290	1.747	6.033	1493.	34.	6.	753.5	28.6	1
679	10	536	37.6307	88.4543	-296.5	PPAB	8.22	1.18	1.41	0.0	0.0	5.818	1439.	44.	5.	754.5	28.6	1
680	10	528	37.6308	88.4550	-295.2	PPAB	8.10	0.91	1.26	0.0	0.0	6.420	1459.	43.	7.	754.5	28.6	1
681	0	532	37.6308	88.4556	-294.2	PPAB	7.03	2.31	1.00	0.329	2.324	7.061	1580.	35.	7.	754.5	28.6	1
682	0	524	37.6308	88.4563	-295.0	PPAB	7.16	2.94	1.23	0.411	2.388	5.811	1610.	36.	9.	754.5	28.7	1
683	0	528	37.6309	88.4569	-293.0	PPAB	8.22	3.17	1.28	0.385	2.479	6.439	1706.	42.	5.	755.5	28.6	1
684	0	512	37.6309	88.4576	-293.2	PPAB	6.83	5.29	1.04	0.774	5.070	6.548	1632.	44.	8.	755.5	28.7	1
685	10	492	37.6309	88.4582	-296.5	PPAB	9.90	1.48	0.97	0.0	0.0	10.185	1614.	44.	9.	755.5	28.8	1
686	10	476	37.6309	88.4589	-296.7	PPAB	9.49	0.80	1.32	0.0	0.0	7.206	1738.	52.	12.	756.6	28.8	1
687	0	468	37.6310	88.4596	-296.2	PPAB	6.93	1.98	1.13	0.286	1.754	6.139	1685.	43.	10.	757.6	28.8	1
688	0	464	37.6310	88.4603	-297.5	PPAB	8.18	3.04	1.31	0.372	2.325	6.258	1688.	32.	9.	757.1	28.8	1
689	10	464	37.6310	88.4609	-293.0	PPAB	7.69	1.29	1.49	0.0	0.0	5.171	1636.	31.	5.	757.1	28.8	1

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
690	0	444	37.6310	88.4616	-295.7	PPAB	5.94	4.15	1.05	0.698	3.959	5.668	1521.	41.	4.	757.6	28.9	1
691	0	440	37.6311	88.4622	-304.7	PPAB	5.37	3.20	0.91	0.595	3.520	5.912	1382.	50.	3.	757.6	28.9	1
692	0	472	37.6311	88.4628	-303.7	PPAB	8.16	1.76	0.96	0.216	1.840	8.532	1510.	45.	4.	758.7	28.9	1
693	0	464	37.6312	88.4635	-301.2	PPAB	4.40	3.25	1.01	0.740	3.213	4.343	1437.	58.	2.	759.2	28.8	1
694	0	436	37.6312	88.4641	-304.0	PPAB	7.12	1.52	1.02	0.213	1.482	6.950	1416.	35.	1.	758.1	28.9	1
695	0	456	37.6312	88.4648	-297.0	PPAB	6.45	3.21	1.02	0.497	3.150	6.340	1543.	44.	0.	758.1	28.9	1
696	0	440	37.6312	88.4655	-297.7	PPAB	7.42	3.67	1.01	0.495	3.622	7.323	1626.	32.	1.	759.7	28.9	1
697	0	420	37.6312	88.4662	-309.0	PPAB	6.36	2.88	1.22	0.454	2.373	5.229	1620.	44.	0.	759.7	28.9	1
698	0	416	37.6313	88.4668	-304.7	PPAB	5.48	4.01	1.29	0.730	3.106	4.253	1731.	39.	0.	758.7	28.9	1
699	0	408	37.6313	88.4675	-297.5	PPAB	7.04	3.11	1.25	0.442	2.485	5.627	1662.	47.	1.	758.7	29.0	1
700	0	400	37.6313	88.4681	-306.0	PPAB	7.56	2.59	1.30	0.343	2.002	5.832	1698.	45.	5.	758.7	29.1	1
701	0	388	37.6313	88.4688	-308.2	PPAB	8.74	1.70	1.17	0.194	1.455	7.492	1646.	29.	5.	758.7	29.2	1
702	0	404	37.6313	88.4694	-302.5	PPAB	9.05	3.71	0.96	0.410	3.846	9.385	1700.	34.	3.	758.7	29.3	1
703	0	400	37.6314	88.4700	-302.5	PPAB	8.47	1.70	0.96	0.200	1.772	8.857	1523.	30.	4.	758.7	29.4	1
704	0	420	37.6314	88.4707	-304.0	PPAB	8.32	2.08	1.30	0.250	1.598	6.395	1593.	30.	5.	759.7	29.4	1
705	10	396	37.6315	88.4714	-305.2	PPAB	5.99	1.35	1.22	0.0	0.0	4.917	1555.	30.	9.	758.7	29.4	1
706	0	376	37.6315	88.4720	-310.5	PPAB	5.47	2.16	0.86	0.394	2.501	6.347	1451.	51.	6.	758.7	29.5	1
707	0	392	37.6315	88.4727	-311.7	PPAB	5.10	3.27	1.09	0.641	3.010	4.696	1545.	31.	6.	759.7	29.5	1
708	0	364	37.6315	88.4734	-309.2	PPAB	7.65	2.50	0.91	0.326	2.730	8.372	1460.	49.	5.	759.7	29.6	1
709	0	380	37.6316	88.4740	-306.5	PPAB	5.21	2.44	1.10	0.469	2.210	4.717	1458.	44.	6.	759.7	29.6	1
710	0	404	37.6316	88.4747	-304.7	PPAB	6.90	2.51	1.18	0.364	2.122	5.834	1509.	43.	5.	760.2	29.6	1
711	0	408	37.6316	88.4753	-308.5	PPAB	5.97	1.95	1.00	0.327	1.952	5.974	1504.	49.	8.	760.2	29.5	1
712	0	432	37.6317	88.4760	-311.5	PPAB	6.64	4.09	0.84	0.616	4.864	7.898	1540.	30.	6.	760.2	29.5	1
713	0	448	37.6317	88.4767	-314.7	PPAB	6.58	1.71	0.98	0.260	1.752	6.749	1431.	41.	9.	760.2	29.4	1
714	10	444	37.6317	88.4774	-318.7	PPAB	8.67	1.14	0.94	0.0	0.0	9.266	1386.	45.	8.	760.7	29.4	1
715	0	456	37.6317	88.4780	-314.7	PPAB	5.92	3.34	1.07	0.564	3.130	5.546	1463.	35.	7.	760.7	29.4	1
716	0	460	37.6318	88.4787	-311.0	PPAB	5.57	2.06	1.04	0.370	1.979	5.354	1459.	34.	12.	760.7	29.4	1
717	0	468	37.6318	88.4793	-317.2	PPAB	5.35	4.35	0.90	0.813	4.829	5.939	1475.	42.	7.	760.7	29.3	1
718	10	476	37.6318	88.4799	-316.5	PPAB	7.05	0.86	1.37	0.0	0.0	5.135	1444.	45.	10.	760.2	29.4	1
719	0	488	37.6319	88.4806	-313.7	PPAB	5.98	3.52	0.96	0.588	3.652	6.207	1500.	47.	7.	760.2	29.4	1
720	0	492	37.6319	88.4812	-321.5	PPAB	6.94	2.14	1.05	0.309	2.040	6.605	1542.	32.	10.	761.2	29.5	1
721	10	492	37.6319	88.4819	-323.0	PPAB	7.49	0.58	1.02	0.0	0.0	7.340	1412.	43.	11.	761.2	29.5	1
722	0	492	37.6319	88.4825	-317.2	PPS	7.09	2.71	0.79	0.383	3.418	8.937	1443.	38.	8.	759.2	29.3	1
723	10	524	37.6320	88.4833	-317.7	PPS	9.97	1.05	1.17	0.0	0.0	8.494	1627.	37.	7.	758.7	29.4	1
724	0	516	37.6320	88.4839	-314.7	PPS	4.54	5.38	0.95	1.184	5.664	4.783	1543.	48.	6.	759.7	29.4	1
725	0	516	37.6320	88.4846	-314.0	PPS	7.83	4.10	0.83	0.523	4.965	9.487	1597.	25.	6.	759.7	29.4	1
726	10	540	37.6320	88.4852	-319.7	PPS	6.70	1.50	1.31	0.0	0.0	5.111	1540.	32.	7.	758.7	29.4	1
727	0	556	37.6320	88.4859	-321.2	PPS	7.83	3.08	1.14	0.393	2.703	6.881	1506.	43.	5.	758.7	29.4	1
728	10	560	37.6321	88.4865	-323.5	PPS	9.91	1.15	0.97	0.0	0.0	10.231	1540.	41.	8.	759.7	29.4	1
729	10	528	37.6321	88.4872	-323.7	PPS	7.68	1.28	1.20	0.0	0.0	6.421	1572.	38.	6.	759.7	29.4	1
730	0	496	37.6322	88.4878	-325.0	PPAB	8.34	2.40	0.93	0.288	2.590	9.004	1642.	46.	8.	758.7	29.4	1
731	0	488	37.6322	88.4885	-328.0	PPAB	8.04	2.29	1.16	0.285	1.968	6.907	1598.	46.	10.	758.7	29.5	1
732	0	488	37.6322	88.4892	-324.7	PPAB	6.34	2.75	1.11	0.434	2.479	5.714	1577.	47.	10.	758.7	29.5	1
733	0	484	37.6322	88.4898	-324.0	PPAB	7.97	3.81	1.02	0.478	3.722	7.788	1652.	43.	11.	759.7	29.5	1
734	10	480	37.6322	88.4905	-325.7	PPAB	6.37	1.03	0.94	0.0	0.0	6.786	1526.	39.	16.	760.7	29.5	1
735	10	476	37.6323	88.4911	-322.2	PPAB	7.30	1.76	1.28	0.0	0.0	5.687	1608.	51.	15.	760.2	29.5	1
736	10	472	37.6323	88.4918	-320.0	PPAB	8.86	0.84	1.08	0.0	0.0	8.224	1591.	40.	16.	760.2	29.5	1
737	10	476	37.6324	88.4924	-325.2	PPAB	7.34	-0.56	1.21	0.0	0.0	6.086	1626.	34.	18.	761.2	29.6	1
738	0	476	37.6324	88.4931	-332.5	PPAB	6.38	3.65	0.72	0.571	5.035	8.818	1598.	34.	15.	760.2	29.6	1
739	0	476	37.6324	88.4937	-332.5	PPAB	5.23	2.47	1.34	0.473	1.842	3.897	1627.	52.	18.	760.7	29.6	1
740	0	484	37.6324	88.4944	-325.5	QAL	7.29	2.62	0.89	0.359	2.945	8.205	1587.	26.	14.	761.8	29.5	1
741	0	492	37.6324	88.4950	-322.2	QAL	6.24	2.35	1.00	0.376	2.348	6.237	1517.	35.	10.	760.7	29.5	1
742	10	476	37.6325	88.4958	-327.5	QAL	7.18	-0.67	0.85	0.0	0.0	8.414	1297.	44.	11.	760.7	29.5	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
743	0	508	37.6325	88.4964	-327.7		PPS	6.59	2.66	0.71	0.404	3.749	9.285	1401.	26.	6.	760.7	29.5	1
744	10	556	37.6326	88.4970	-323.2		PPS	6.39	1.81	1.23	0.0	0.0	5.183	1587.	36.	8.	759.7	29.5	1
745	0	552	37.6326	88.4977	-327.2		PPS	7.73	3.09	1.12	0.400	2.773	6.925	1590.	38.	2.	759.7	29.5	1
746	0	532	37.6326	88.4984	-331.5		PPS	9.35	2.03	1.17	0.218	1.743	8.015	1735.	46.	3.	760.7	29.6	1
747	0	512	37.6326	88.4990	-326.2		PPS	8.00	4.86	1.10	0.608	4.423	7.278	1657.	38.	3.	759.7	29.5	1
748	0	504	37.6327	88.4997	-326.2		PPS	8.46	4.18	1.32	0.494	3.165	6.403	1747.	44.	2.	759.7	29.5	1
749	0	504	37.6327	88.5003	-332.5		PPS	8.01	3.62	1.13	0.453	3.205	7.079	1745.	42.	4.	759.7	29.5	1
750	0	512	37.6327	88.5010	-331.2		PPS	9.60	2.75	1.21	0.287	2.279	7.952	1662.	47.	4.	759.7	29.6	1
751	10	504	37.6327	88.5017	-329.5		PPS	7.57	1.64	1.49	0.0	0.0	5.080	1630.	45.	9.	759.7	29.5	1
752	0	484	37.6328	88.5023	-332.7		PPS	7.77	2.60	1.33	0.335	1.964	5.856	1643.	34.	9.	759.2	29.6	1
753	0	484	37.6328	88.5030	-329.2		PPS	7.39	1.73	1.47	0.234	1.174	5.018	1700.	33.	7.	759.2	29.6	1
754	10	476	37.6328	88.5036	-325.7		PPS	6.19	1.60	1.33	0.0	0.0	4.642	1626.	46.	9.	760.2	29.6	1
755	0	468	37.6329	88.5042	-330.2		PPS	7.09	3.25	0.92	0.458	3.525	7.694	1674.	41.	5.	760.2	29.6	1
756	10	472	37.6329	88.5049	-338.7		PPS	7.24	1.35	1.33	0.0	0.0	5.440	1527.	42.	5.	760.2	29.7	1
757	0	476	37.6329	88.5056	-335.2		PPS	8.00	4.13	0.93	0.516	4.425	8.575	1626.	38.	4.	760.7	29.6	1
758	0	484	37.6329	88.5062	-328.0		PPS	7.05	2.87	0.92	0.408	3.114	7.634	1647.	32.	3.	761.8	29.6	1
759	0	500	37.6329	88.5069	-334.2		PPS	8.95	3.78	1.07	0.423	3.534	8.358	1573.	43.	3.	762.3	29.6	1
760	0	492	37.6330	88.5076	-340.7		PPS	5.22	4.23	1.03	0.811	4.125	5.090	1576.	45.	3.	761.2	29.5	1
761	10	480	37.6330	88.5082	-335.0		PPS	6.58	1.59	1.34	0.0	0.0	4.913	1473.	39.	7.	760.7	29.4	1
762	0	500	37.6331	88.5089	-331.2		PPS	8.05	3.11	1.17	0.387	2.670	6.903	1617.	26.	3.	761.8	29.5	1
763	0	468	37.6331	88.5096	-333.2		PPS	6.34	1.90	1.13	0.299	1.677	5.608	1642.	35.	8.	761.8	29.4	1
764	0	456	37.6331	88.5102	-334.7		PPS	8.54	2.73	0.91	0.319	2.999	9.392	1575.	34.	4.	761.8	29.4	1
765	0	492	37.6331	88.5108	-336.5		PPS	6.42	3.41	1.36	0.532	2.514	4.730	1668.	39.	7.	762.3	29.3	1
766	0	484	37.6331	88.5115	-338.0		PPS	6.86	3.30	1.06	0.481	3.111	6.472	1699.	45.	7.	762.8	29.3	1
767	0	492	37.6332	88.5121	-336.5		PPS	7.53	2.77	1.39	0.368	2.001	5.437	1660.	37.	6.	762.8	29.3	1
768	0	508	37.6332	88.5128	-339.5		PPS	7.85	2.70	1.32	0.344	2.049	5.950	1748.	31.	11.	762.8	29.3	1
769	0	528	37.6332	88.5135	-345.0		PPS	7.82	3.14	1.29	0.402	2.442	6.075	1794.	35.	10.	761.8	29.3	1
770	0	540	37.6332	88.5141	-340.2		PPS	7.59	3.19	1.22	0.420	2.606	6.206	1647.	36.	7.	760.7	29.3	1
771	0	548	37.6333	88.5148	-336.0		PPS	6.16	6.84	1.04	1.110	6.564	5.915	1774.	37.	4.	760.7	29.3	1
772	0	552	37.6333	88.5155	-339.7		PPS	6.96	2.07	1.34	0.297	1.537	5.176	1605.	47.	9.	759.7	29.3	1
773	0	556	37.6333	88.5161	-340.0		QAL	6.77	2.96	1.18	0.437	2.518	5.758	1591.	46.	11.	759.7	29.2	1
774	0	548	37.6334	88.5168	-334.5		QAL	5.84	2.42	1.24	0.414	1.947	4.698	1594.	53.	6.	759.7	29.2	1
775	0	544	37.6334	88.5174	-336.7		QAL	7.47	2.80	0.84	0.374	3.316	8.856	1545.	36.	7.	759.7	29.2	1
776	0	548	37.6334	88.5181	-341.7		QAL	5.60	4.84	0.84	0.864	5.768	6.673	1559.	29.	4.	760.7	29.2	1
777	10	548	37.6334	88.5187	-341.0		PPS	5.99	1.55	1.32	0.0	0.0	4.519	1594.	35.	9.	761.2	29.2	1
778	0	544	37.6335	88.5194	-342.0		PPS	5.71	2.84	1.22	0.498	2.336	4.695	1543.	43.	4.	761.2	29.2	1
779	0	540	37.6335	88.5201	-347.2		PPS	6.20	2.34	1.38	0.377	1.697	4.503	1680.	31.	3.	762.3	29.1	1
780	10	536	37.6336	88.5207	-350.0		PPS	8.04	1.84	1.03	0.0	0.0	7.791	1558.	35.	7.	762.8	29.2	1
781	10	536	37.6336	88.5213	-345.5		PPS	8.77	1.81	0.91	0.0	0.0	9.612	1567.	43.	6.	762.8	29.1	1
782	0	536	37.6336	88.5220	-343.2		PPS	8.09	3.27	1.26	0.404	2.589	6.415	1621.	57.	7.	762.8	29.1	1
783	10	532	37.6336	88.5227	-349.5		PPS	8.78	1.51	1.10	0.0	0.0	7.946	1615.	52.	14.	761.8	29.0	1
784	10	524	37.6336	88.5233	-350.2		PPS	5.80	0.36	1.42	0.0	0.0	4.100	1666.	42.	14.	760.7	29.0	1
785	10	512	37.6337	88.5240	-347.7		PPS	9.77	-0.03	1.06	0.0	0.0	9.236	1741.	31.	17.	760.7	28.9	1
786	10	496	37.6337	88.5246	-351.5		PPS	7.88	-0.35	1.20	0.0	0.0	6.574	1702.	42.	21.	760.7	28.9	1
787	0	468	37.6337	88.5253	-346.7		PPS	7.13	2.90	0.94	0.406	3.079	7.575	1598.	37.	13.	760.7	28.9	1
788	10	464	37.6338	88.5260	-341.0		PPS	8.24	1.31	1.61	0.0	0.0	5.104	1673.	41.	12.	760.2	29.1	1
789	10	472	37.6338	88.5267	-348.2		PPS	8.37	1.46	1.46	0.0	0.0	5.744	1774.	41.	11.	760.2	29.1	1
790	10	480	37.6338	88.5273	-351.7		PPS	6.45	1.48	1.26	0.0	0.0	5.106	1672.	42.	14.	761.8	29.1	1
791	0	488	37.6338	88.5280	-346.0		PPS	8.57	2.55	1.09	0.298	2.341	7.852	1697.	41.	8.	762.8	29.1	1
792	0	492	37.6339	88.5285	-347.5		PPS	8.20	2.09	1.29	0.255	1.622	6.362	1720.	41.	3.	762.8	29.1	1
793	0	496	37.6339	88.5292	-347.2		PPS	9.03	2.11	1.60	0.233	1.318	5.654	1730.	36.	6.	761.8	29.0	1
794	0	492	37.6339	88.5299	-343.0		PPS	6.44	3.74	1.34	0.582	2.792	4.797	1685.	38.	3.	759.7	29.1	1
795	0	508	37.6339	88.5305	-347.2		PPS	6.17	5.17	1.09	0.837	4.726	5.646	1670.	30.	3.	758.7	29.1	1

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TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
796	0	524	37.6339	88.5312	-355.7	PPS	6.57	4.91	0.91	0.748	5.397	7.214	1648.	42.	8.	759.7	29.1	1
797	0	528	37.6339	88.5319	-353.5	PPS	8.39	2.46	0.80	0.293	3.086	10.548	1525.	43.	7.	760.7	29.1	1
798	10	520	37.6339	88.5326	-354.2	PPS	9.44	1.10	1.14	0.0	0.0	8.279	1620.	27.	13.	760.7	29.2	1
799	10	472	37.6339	88.5333	-358.5	PPS	8.21	1.47	0.89	0.0	0.0	9.181	1412.	38.	13.	762.8	29.2	1
800	0	476	37.6339	88.5340	-350.2	PPS	5.80	3.53	0.91	0.608	3.869	6.362	1474.	41.	11.	762.8	29.2	1
801	10	500	37.6339	88.5347	-348.5	PPS	10.54	1.44	1.05	0.0	0.0	9.997	1547.	66.	10.	760.7	29.2	1
802	10	496	37.6338	88.5354	-361.0	PPS	6.57	1.64	1.11	0.0	0.0	5.932	1614.	45.	13.	760.7	29.2	1
803	10	496	37.6338	88.5361	-359.2	PPS	9.36	0.24	1.12	0.0	0.0	8.351	1644.	38.	14.	760.7	29.2	1
804	10	500	37.6337	88.5367	-350.2	PPS	7.32	1.48	1.12	0.0	0.0	6.545	1658.	38.	10.	759.7	29.3	1
805	0	508	37.6337	88.5375	-352.7	PPS	7.19	2.96	1.08	0.411	2.738	6.656	1578.	34.	9.	759.7	29.3	1
806	10	528	37.6337	88.5382	-360.5	PPS	7.48	0.05	1.51	0.0	0.0	4.957	1528.	49.	10.	759.7	29.4	1
807	10	544	37.6336	88.5388	-362.7	PPS	7.44	1.29	1.22	0.0	0.0	6.081	1647.	41.	11.	759.7	29.4	1
808	0	544	37.6336	88.5396	-362.2	PPS	7.83	2.52	1.19	0.322	2.119	6.579	1617.	47.	2.	760.7	29.5	1
809	10	548	37.6336	88.5402	-362.7	PPS	5.58	1.49	1.08	0.0	0.0	5.156	1622.	38.	7.	761.8	29.5	1
810	0	548	37.6336	88.5409	-356.2	PPS	8.12	2.80	0.97	0.345	2.888	8.361	1663.	30.	5.	761.8	29.5	1
811	0	536	37.6335	88.5417	-353.2	PPS	4.71	4.41	1.49	0.937	2.954	3.153	1604.	38.	6.	760.7	29.5	1
812	0	536	37.6335	88.5423	-364.2	PPS	8.53	3.09	1.15	0.362	2.679	7.406	1715.	26.	7.	759.2	29.5	1
813	0	524	37.6335	88.5430	-367.0	PPS	8.03	2.69	1.12	0.336	2.399	7.144	1688.	25.	8.	759.2	29.5	1
814	0	520	37.6334	88.5437	-365.2	PPS	6.18	3.49	0.88	0.565	3.963	7.009	1611.	39.	8.	760.2	29.5	1
815	10	524	37.6334	88.5444	-372.7	PPS	8.26	0.33	1.35	0.0	0.0	6.109	1634.	52.	10.	760.7	29.4	1
816	0	524	37.6334	88.5451	-369.0	PPS	5.57	3.72	1.26	0.667	2.943	4.409	1639.	44.	8.	761.8	29.4	1
817	0	504	37.6334	88.5458	-359.0	PPS	8.23	4.46	1.04	0.541	4.294	7.932	1739.	45.	5.	762.8	29.4	1
818	0	492	37.6333	88.5465	-359.2	PPS	7.72	3.62	1.40	0.469	2.592	5.523	1667.	35.	1.	761.8	29.5	1
819	0	488	37.6333	88.5472	-371.2	PPS	6.15	4.26	1.12	0.693	3.802	5.490	1683.	41.	0.	761.2	29.5	1
820	0	484	37.6333	88.5479	-375.2	PPS	8.72	4.18	1.30	0.479	3.223	6.727	1754.	49.	0.	761.2	29.5	1
821	0	484	37.6332	88.5486	-369.0	PPS	7.42	4.13	0.92	0.557	4.470	8.026	1651.	27.	0.	760.7	29.4	1
822	0	488	37.6332	88.5492	-370.0	PPS	6.43	4.52	1.01	0.703	4.488	6.388	1674.	34.	0.	760.7	29.4	1
823	0	488	37.6332	88.5500	-372.0	PPS	7.92	1.95	1.37	0.246	1.426	5.802	1607.	37.	0.	761.8	29.4	1
824	0	488	37.6332	88.5507	-368.0	QAL	8.30	4.57	0.83	0.550	5.534	10.060	1645.	41.	0.	762.8	29.4	1
825	0	484	37.6331	88.5513	-376.7	QAL	6.73	3.25	1.13	0.483	2.881	5.968	1678.	38.	5.	762.8	29.4	1
826	0	480	37.6331	88.5520	-384.0	QAL	7.69	2.15	1.40	0.279	1.538	5.509	1599.	46.	8.	762.8	29.4	1
827	0	476	37.6330	88.5528	-376.5	QAL	8.91	1.89	0.99	0.212	1.901	8.956	1690.	26.	9.	761.8	29.5	1
828	10	480	37.6330	88.5534	-379.7	QAL	9.52	0.30	1.25	0.0	0.0	7.603	1656.	42.	13.	761.8	29.5	1
829	0	492	37.6330	88.5541	-380.7	QAL	7.74	2.38	0.97	0.308	2.465	8.007	1621.	41.	13.	761.8	29.5	1
830	0	500	37.6329	88.5548	-376.0	QAL	8.08	4.25	0.86	0.526	4.919	9.351	1571.	33.	9.	761.2	29.5	1
831	0	500	37.6329	88.5555	-381.5	QAL	8.35	3.41	1.02	0.408	3.332	8.167	1625.	44.	13.	761.2	29.5	1
832	10	504	37.6329	88.5563	-384.5	QAL	6.11	1.18	1.28	0.0	0.0	4.756	1496.	25.	15.	762.3	29.5	1
833	10	500	37.6329	88.5569	-383.5	QAL	7.99	0.59	0.87	0.0	0.0	9.162	1407.	46.	14.	762.3	29.5	1
834	10	480	37.6328	88.5576	-388.7	QAL	7.14	0.46	0.94	0.0	0.0	7.609	1513.	44.	14.	763.3	29.5	1
835	10	480	37.6328	88.5583	-388.0	QAL	6.26	0.77	1.00	0.0	0.0	6.267	1421.	37.	13.	762.3	29.5	1
836	10	472	37.6328	88.5590	-386.0	PPS	5.72	1.15	1.05	0.0	0.0	5.429	1421.	38.	13.	761.2	29.5	1
837	10	464	37.6327	88.5597	-384.7	PPS	5.19	1.55	1.12	0.0	0.0	4.647	1420.	39.	12.	760.7	29.5	1
838	10	504	37.6327	88.5603	-389.7	PPS	5.40	1.41	1.47	0.0	0.0	3.668	1623.	43.	9.	760.7	29.5	1
839	10	496	37.6327	88.5611	-398.0	PPS	8.50	0.22	1.01	0.0	0.0	8.437	1555.	36.	16.	760.7	29.5	1
840	0	492	37.6327	88.5618	-394.5	PPS	6.59	2.15	1.13	0.326	1.906	5.840	1674.	41.	11.	760.7	29.5	1
841	0	488	37.6326	88.5624	-386.7	PPS	6.07	2.16	1.35	0.356	1.600	4.489	1725.	47.	12.	761.8	29.5	1
842	0	484	37.6326	88.5632	-388.0	PPS	8.54	2.58	1.07	0.302	2.406	7.972	1624.	39.	9.	762.8	29.5	1
843	0	484	37.6326	88.5638	-387.7	PPS	8.05	2.38	1.38	0.295	1.723	5.832	1640.	47.	6.	762.8	29.5	1
844	0	476	37.6325	88.5646	-390.0	PPS	7.90	1.92	0.94	0.243	2.040	8.413	1552.	34.	11.	762.8	29.6	1
845	0	448	37.6325	88.5653	-401.7	PPS	4.44	2.21	0.98	0.498	2.252	4.522	1571.	45.	11.	761.8	29.6	1
846	0	416	37.6325	88.5659	-402.0	PPS	8.80	1.91	1.15	0.217	1.659	7.635	1534.	45.	6.	760.7	29.6	1
847	0	432	37.6325	88.5666	-399.2	PPS	5.10	3.82	1.08	0.748	3.535	4.725	1623.	32.	8.	760.2	29.6	1
848	0	428	37.6324	88.5673	-399.2	PPS	7.24	2.73	1.15	0.376	2.369	6.296	1568.	46.	8.	760.2	29.6	1

ID	TAGS QUAL	ALT	LAT	LOCATION LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	REDUCED DATA GROSS	COS	UAIR	PRESS	TEMP	SYS
849	10	432	37.6324	88.5680	-395.5		PPS	9.46	1.21	0.92	0.0	0.0	10.232	1571.	37.	9.	760.2	29.5	1
850	10	436	37.6324	88.5687	-400.2		PPS	7.99	1.24	0.90	0.0	0.0	8.906	1582.	36.	9.	761.2	29.5	1
851	0	440	37.6323	88.5694	-408.2		PPS	9.17	2.84	1.16	0.310	2.444	7.881	1736.	43.	11.	762.8	29.5	1
852	0	436	37.6323	88.5701	-403.2		PPS	7.04	2.94	1.05	0.418	2.796	6.690	1587.	55.	5.	762.8	29.4	1
853	10	428	37.6322	88.5708	-400.0		PPS	7.90	1.21	1.17	0.0	0.0	6.745	1572.	48.	12.	761.8	29.4	1
854	0	428	37.6322	88.5714	-400.2		PPS	5.65	2.80	1.26	0.495	2.216	4.477	1661.	36.	12.	761.8	29.4	1
855	10	428	37.6322	88.5722	-402.0		PPS	7.45	0.9[illegible]	1.22	0.0	0.0	6.105	1557.	58.	11.	760.7	29.4	1
856	0	436	37.6322	88.5729	-402.5		PPS	7.17	2.[illegible]7	0.95	0.387	2.911	7.530	1560.	53.	12.	760.7	29.5	1
857	0	436	37.6321	88.5736	-407.7		PPS	8.12	4.[illegible]	1.20	0.515	3.487	6.765	1703.	36.	8.	762.3	29.5	1
858	0	436	37.6321	88.5743	-412.0		PPS	7.10	2.[illegible]8	1.02	0.347	2.414	6.960	1619.	45.	12.	763.3	29.5	1
859	10	432	37.6321	88.5749	-409.2		PPS	8.22	0.96	1.16	0.0	0.0	7.062	1642.	40.	12.	762.3	29.4	1
860	10	432	37.6320	88.5757	-408.5		PPS	8.11	0.44	1.47	0.0	0.0	5.534	1775.	38.	13.	761.2	29.5	1
861	10	432	37.6320	88.5763	-415.2		PPS	6.97	0.72	1.21	0.0	0.0	5.768	1669.	38.	15.	760.2	29.5	1
862	0	436	37.6320	88.5770	-419.2		PPS	8.93	3.76	1.07	0.421	3.497	8.305	1697.	27.	12.	761.2	29.5	1
863	0	448	37.6320	88.5777	-417.7		PPS	11.42	4.49	1.11	0.393	4.040	10.274	1813.	30.	8.	762.3	29.5	1
864	0	456	37.6319	88.5784	-421.0		PPS	7.50	1.88	1.14	0.251	1.654	6.586	1757.	44.	12.	763.3	29.5	1
865	0	440	37.6319	88.5792	-422.0		PPS	8.88	2.52	1.31	0.283	1.917	6.763	1784.	47.	8.	761.8	29.4	1
866	0	424	37.6319	88.5799	-419.0		PPS	7.02	2.52	1.18	0.359	2.137	5.948	1686.	44.	7.	759.7	29.5	1
867	10	428	37.6318	88.5805	-426.7		PPS	9.49	1.42	1.29	0.0	0.0	7.355	1774.	29.	11.	759.7	29.6	1
868	0	432	37.6318	88.5812	-438.2		PPS	8.10	3.78	1.07	0.467	3.536	7.571	1742.	55.	8.	761.2	29.6	1
869	0	436	37.6318	88.5819	-432.2		PPS	6.81	3.17	1.21	0.465	2.620	5.629	1724.	43.	13.	762.3	29.6	1
870	10	428	37.6318	88.5826	-427.5		PPS	8.57	1.46	1.15	0.0	0.0	7.450	1618.	41.	12.	762.3	29.6	1
871	0	436	37.6317	88.5833	-431.2		PPS	6.39	2.80	1.26	0.438	2.222	5.068	1768.	42.	15.	760.7	29.6	1
872	10	428	37.6317	88.5840	-432.7		PPS	10.35	0.31	1.29	0.0	0.0	8.018	1609.	40.	15.	759.7	29.7	1
873	10	428	37.6317	88.5847	-432.7		PPS	7.20	1.53	1.17	0.0	0.0	6.164	1667.	46.	16.	760.2	29.7	1
874	0	432	37.6316	88.5853	-432.2		PPS	8.13	4.01	1.17	0.493	3.423	6.942	1627.	37.	11.	761.2	29.7	1
875	10	416	37.6316	88.5860	-432.5		PPS	10.76	1.32	0.85	0.0	0.0	12.681	1547.	51.	12.	762.3	29.7	1
876	0	440	37.6315	88.5868	-440.5		PPS	8.89	1.82	1.02	0.205	1.793	8.749	1670.	45.	12.	762.3	29.7	1
877	0	468	37.6315	88.5875	-448.5		PPS	8.43	3.27	1.55	0.388	2.108	5.430	1663.	32.	7.	761.2	29.7	1
878	0	480	37.6315	88.5882	-448.0		PPS	6.03	1.87	1.53	0.309	1.218	3.936	1722.	44.	14.	760.7	29.7	1
879	0	480	37.6315	88.5889	-444.2		PPS	6.86	3.52	0.94	0.514	3.744	7.282	1667.	40.	12.	760.7	29.7	1
880	0	464	37.6314	88.5896	-442.7		PPS	7.27	3.37	1.14	0.464	2.965	6.397	1735.	24.	8.	761.8	29.7	1
881	0	448	37.6314	88.5902	-442.5		PPS	7.06	2.42	1.14	0.343	2.122	6.182	1618.	35.	7.	762.8	29.7	1
882	0	440	37.6314	88.5909	-440.0		PPS	8.95	2.97	1.05	0.332	2.833	8.526	1611.	51.	9.	762.8	29.7	1
883	0	440	37.6313	88.5916	-439.7		PPS	6.71	2.51	1.40	0.375	1.800	4.801	1704.	32.	8.	761.8	29.8	1
884	0	448	37.6313	88.5923	-442.5		PPS	7.21	3.11	1.23	0.432	2.522	5.842	1636.	43.	10.	760.7	29.7	1
885	10	452	37.6313	88.5930	-442.0		PPS	7.49	1.24	1.55	0.0	0.0	4.844	1646.	42.	7.	760.7	29.8	1
886	0	448	37.6313	88.5937	-441.5		PPS	8.72	2.49	1.18	0.286	2.110	7.386	1669.	35.	7.	760.7	29.8	1
887	0	432	37.6312	88.5944	-438.7		PPS	6.73	2.99	0.94	0.445	3.188	7.167	1548.	38.	7.	761.8	29.8	1
888	10	456	37.6312	88.5951	-432.2		PPS	6.42	1.54	1.05	0.0	0.0	6.089	1577.	38.	12.	761.8	29.8	1
889	0	456	37.6312	88.5958	-435.7		PPS	9.01	1.90	1.00	0.210	1.887	8.965	1642.	51.	10.	761.8	29.7	1
890	0	436	37.6311	88.5965	-431.5		PPS	6.32	3.40	0.88	0.539	3.868	7.182	1522.	49.	6.	760.7	29.7	1
891	0	428	37.6311	88.5972	-421.7		PPS	6.48	2.65	1.16	0.408	2.287	5.604	1575.	38.	9.	759.7	29.7	1
892	10	420	37.6311	88.5979	-421.5		PPS	7.94	1.07	0.98	0.0	0.0	8.093	1614.	38.	10.	761.8	29.6	1
893	0	420	37.6311	88.5985	-417.5		PPS	9.53	3.22	0.78	0.338	4.146	12.275	1595.	45.	6.	762.8	29.6	1
894	0	412	37.6310	88.5993	-414.5		PPS	8.07	2.71	1.27	0.336	2.134	6.349	1632.	34.	7.	762.8	29.5	1
895	0	412	37.6310	88.5999	-421.0		PPS	8.06	3.47	0.98	0.430	3.523	8.187	1643.	38.	7.	761.8	29.3	1
896	0	408	37.6310	88.6006	-417.7		PPS	6.79	3.30	1.27	0.487	2.594	5.330	1692.	43.	4.	760.7	29.5	1
897	0	412	37.6309	88.6014	-415.0		PPS	6.29	2.77	1.13	0.441	2.455	5.569	1714.	36.	8.	760.7	29.5	1
898	0	408	37.6309	88.6020	-418.0		PPS	8.06	2.62	1.08	0.325	2.428	7.466	1696.	39.	7.	761.8	29.5	1
899	0	396	37.6308	88.6028	-414.0		PPS	7.60	2.39	1.08	0.314	2.219	7.066	1642.	34.	5.	762.8	29.5	1
900	0	392	37.6309	88.6034	-414.5		PPS	6.48	1.58	1.26	0.243	1.255	5.159	1632.	56.	8.	762.8	29.5	1
901	0	396	37.6308	88.6041	-421.7		PPS	8.67	3.02	1.14	0.348	2.659	7.630	1634.	50.	2.	761.8	29.4	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
902	10	480	37.6308	88.6048	-416.7	PPS	8.87	1.35	1.49	0.0	0.0	5.938	1865.	32.	8.	760.7	29.4	1
903	0	412	37.6307	88.6055	-413.2	PPS	6.51	1.61	1.07	0.248	1.505	6.077	1556.	28.	5.	761.2	29.4	1
904	10	420	37.6307	88.6062	-418.7	PPS	6.66	1.27	1.01	0.0	0.0	6.580	1520.	42.	6.	761.2	29.4	1
905	0	412	37.6307	88.6069	-416.5	PPS	6.95	3.23	1.04	0.465	3.108	6.686	1514.	29.	5.	762.3	29.4	1
906	0	412	37.6306	88.6076	-414.5	PPS	6.39	3.88	0.80	0.608	4.868	8.007	1476.	35.	5.	763.3	29.5	1
907	0	424	37.6306	88.6083	-416.2	PPS	5.01	2.05	1.31	0.410	1.572	3.838	1456.	32.	8.	762.3	29.5	1
908	0	460	37.6306	88.6089	-419.7	PPS	6.17	2.89	0.95	0.469	3.050	6.509	1481.	42.	6.	761.8	29.5	1
909	0	460	37.6306	88.6097	-427.7	PPS	7.19	3.72	1.03	0.517	3.602	6.963	1495.	33.	3.	761.8	29.5	1
910	10	440	37.6305	88.6104	-427.0	QAL	7.91	1.11	0.84	0.0	0.0	9.431	1392.	46.	6.	761.2	29.5	1
911	0	452	37.6305	88.6111	-421.7	QAL	5.68	1.68	1.20	0.296	1.394	4.717	1433.	45.	5.	762.3	29.5	1
912	0	500	37.6305	88.6118	-428.5	QAL	7.53	4.07	0.91	0.541	4.466	8.258	1575.	50.	9.	762.3	29.5	1
913	0	512	37.6304	88.6124	-432.0	QAL	8.12	2.55	1.21	0.313	2.099	6.697	1557.	36.	6.	760.2	29.5	1
914	0	524	37.6304	88.6132	-429.2	QAL	7.73	2.16	1.10	0.279	1.960	7.019	1576.	32.	6.	760.2	29.5	1
915	0	528	37.6304	88.6139	-430.5	QAL	6.47	3.90	1.00	0.602	3.881	6.445	1534.	47.	0.	760.2	29.5	1
916	0	532	37.6304	88.6145	-429.0	QAL	6.06	4.43	1.14	0.730	3.870	5.298	1537.	36.	1.	761.2	29.5	1
917	0	536	37.6303	88.6152	-430.5	QAL	6.71	2.18	1.28	0.324	1.704	5.260	1593.	31.	5.	762.3	29.5	1
918	0	540	37.6302	88.6160	-437.0	QAL	8.51	3.03	1.24	0.356	2.432	6.837	1534.	44.	6.	761.2	29.5	1
919	0	548	37.6303	88.6166	-437.0	QAL	4.90	4.23	1.23	0.863	3.438	3.985	1609.	37.	5.	760.2	29.5	1
920	0	552	37.6302	88.6174	-430.5	QAL	6.21	3.55	1.10	0.572	3.230	5.651	1568.	47.	1.	759.2	29.6	1
921	0	552	37.6302	88.6180	-432.5	QAL	4.88	3.94	1.16	0.808	3.397	4.206	1411.	52.	3.	760.2	29.6	1
922	0	556	37.6302	88.6187	-442.5	QAL	6.12	4.72	0.88	0.772	5.337	6.912	1527.	40.	6.	762.3	29.6	1
923	10	548	37.6302	88.6194	-446.5	QAL	7.60	0.94	1.38	0.0	0.0	5.505	1531.	38.	10.	762.8	29.5	1
924	0	544	37.6301	88.6201	-446.7	QAL	6.87	3.17	1.16	0.462	2.739	5.931	1510.	32.	6.	761.8	29.5	1
925	0	532	37.6301	88.6208	-448.0	QAL	7.28	3.67	0.69	0.504	5.329	10.582	1529.	31.	5.	760.7	29.5	1
926	0	520	37.6301	88.6215	-448.7	QAL	6.13	2.11	1.07	0.344	1.969	5.719	1488.	45.	6.	760.7	29.6	1
927	0	508	37.6300	88.6222	-452.5	QAL	4.60	1.95	1.17	0.424	1.661	3.919	1537.	42.	10.	760.7	29.6	1
928	0	492	37.6300	88.6229	-454.2	QAL	6.04	2.13	1.23	0.352	1.733	4.921	1526.	35.	11.	761.8	29.6	1
929	0	480	37.6299	88.6235	-453.2	QAL	8.39	2.28	1.08	0.272	2.105	7.742	1560.	43.	10.	763.3	29.7	1
930	10	468	37.6299	88.6242	-462.2	QAL	6.81	1.67	1.11	0.0	0.0	6.118	1548.	33.	14.	762.8	29.6	1
931	0	464	37.6299	88.6250	-466.0	PPS	5.20	3.31	1.25	0.637	2.660	4.173	1542.	42.	11.	762.8	29.5	1
932	10	464	37.6299	88.6257	-460.7	PPS	8.11	1.53	1.09	0.0	0.0	7.438	1547.	32.	10.	761.8	29.7	1
933	10	468	37.6298	88.6264	-468.2	PPS	7.97	1.57	0.91	0.0	0.0	8.806	1549.	41.	12.	760.7	29.9	1
934	10	444	37.6298	88.6270	-479.0	PPS	9.26	0.39	0.97	0.0	0.0	9.569	1514.	40.	13.	761.8	29.8	1
935	0	432	37.6298	88.6277	-481.7	PPS	4.79	2.13	0.81	0.446	2.650	5.946	1498.	54.	6.	763.3	29.7	1
936	0	452	37.6297	88.6284	-486.2	PPS	7.35	2.70	1.34	0.367	2.019	5.501	1632.	46.	7.	763.3	29.7	1
937	10	464	37.6297	88.6291	-489.0	PPS	7.32	0.69	1.23	0.0	0.0	5.943	1699.	35.	10.	762.3	29.8	1
938	0	468	37.6297	88.6298	-494.5	PPS	6.03	2.92	1.29	0.484	2.269	4.685	1758.	37.	10.	760.7	29.7	1
939	0	472	37.6297	88.6305	-502.7	PPS	5.52	4.65	1.13	0.842	4.127	4.900	1741.	46.	5.	760.7	29.7	1
940	0	476	37.6296	88.6312	-506.5	PPS	5.23	3.69	1.30	0.705	2.847	4.039	1684.	43.	5.	762.8	29.6	1
941	0	476	37.6295	88.6319	-510.0	PPS	8.61	3.34	1.11	0.388	3.013	7.774	1735.	37.	4.	762.8	29.7	1
942	0	476	37.6295	88.6326	-508.2	PPS	6.40	5.85	1.08	0.914	5.438	5.952	1730.	39.	3.	762.8	29.7	1
943	111	472	37.6295	88.6333	-526.2	PPS	-119.43	1659.72	452.99	0.0	0.0	0.0	182673.	40.	0.	763.3	29.7	1
944	10	468	37.6295	88.6340	-536.7	PPS	8.44	1.37	1.20	0.0	0.0	7.032	1712.	52.	5.	761.2	29.6	1
945	0	460	37.6294	88.6347	-533.2	QAL	9.66	2.48	0.88	0.256	2.805	10.935	1640.	52.	6.	761.2	29.5	1
946	0	452	37.6294	88.6354	-541.2	QAL	8.01	3.29	1.28	0.411	2.579	6.273	1661.	39.	7.	761.8	29.5	1
947	0	456	37.6294	88.6360	-543.5	QAL	6.85	3.61	1.26	0.527	2.852	5.417	1683.	43.	7.	762.8	29.5	1
948	0	468	37.6294	88.6368	-543.0	QAL	7.92	3.88	1.19	0.489	3.255	6.653	1681.	40.	2.	762.8	29.6	1
949	10	476	37.6293	88.6375	-549.0	QAL	6.03	1.48	1.49	0.0	0.0	4.049	1653.	41.	10.	761.8	29.6	1
950	0	488	37.6293	88.6381	-552.5	QAL	8.24	3.12	1.08	0.378	2.874	7.595	1650.	45.	5.	761.2	29.6	1
951	0	496	37.6293	88.6388	-554.5	QAL	6.40	4.69	1.02	0.734	4.601	6.271	1701.	41.	5.	762.8	29.5	1
952	0	508	37.6292	88.6395	-556.5	QAL	9.09	5.50	0.84	0.606	6.518	10.759	1738.	32.	2.	762.8	29.5	1
953	0	508	37.6292	88.6402	-559.7	QAL	10.53	2.49	1.14	0.237	2.178	9.205	1743.	32.	3.	761.8	29.5	1
954	0	512	37.6292	88.6410	-561.0	QAL	8.01	3.58	1.36	0.447	2.625	5.872	1782.	40.	3.	760.7	29.5	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
955	0	516	37.6292	88.6416	-559.5		QAL	8.16	4.00	1.29	0.490	3.099	6.328	1760.	34.	4.	760.7	29.5	1
956	0	516	37.6291	88.6423	-564.2		QAL	8.24	3.49	1.22	0.424	2.870	6.778	1743.	34.	1.	761.8	29.6	1
957	0	516	37.6291	88.6430	-567.5		QAL	6.85	3.20	1.05	0.467	3.035	6.500	1641.	35.	4.	762.8	29.6	1
958	0	520	37.6291	88.6437	-563.7		QAL	8.97	4.32	1.15	0.482	3.765	7.809	1615.	40.	0.	760.7	29.7	1
959	0	520	37.6290	88.6444	-566.5		QAL	7.02	6.02	0.94	0.858	6.378	7.435	1602.	42.	1.	759.7	29.7	1
960	0	524	37.6290	88.6451	-573.2		QAL	8.37	1.93	1.42	0.231	1.363	5.897	1673.	37.	5.	760.7	29.7	1
961	10	524	37.6289	88.6458	-570.7		QAL	8.50	1.08	1.30	0.0	0.0	6.532	1704.	48.	7.	762.8	29.7	1
962	0	520	37.6290	88.6465	-569.0		QAL	7.98	1.93	1.20	0.242	1.605	6.622	1741.	29.	9.	761.8	29.7	1
963	10	520	37.6289	88.6471	-571.2		QAL	9.30	1.60	1.32	0.0	0.0	7.027	1657.	42.	7.	759.7	29.7	1
964	0	516	37.6288	88.6479	-568.5		QAL	7.44	1.90	1.21	0.255	1.565	6.141	1667.	33.	7.	759.7	29.7	1
965	0	512	37.6288	88.6485	-571.5		QAL	9.13	2.51	1.45	0.275	1.730	6.287	1759.	32.	5.	761.8	29.7	1
966	10	512	37.6288	88.6493	-580.0		QAL	8.90	1.21	1.60	0.0	0.0	5.546	1767.	47.	9.	761.8	29.7	1
967	0	508	37.6288	88.6500	-579.0		QAL	8.19	3.71	1.42	0.453	2.617	5.772	1840.	36.	7.	760.7	29.7	1
968	0	508	37.6287	88.6506	-575.5		QAL	9.38	3.31	1.12	0.353	2.956	8.378	1768.	35.	3.	760.7	29.7	1
969	0	508	37.6287	88.6514	-577.7		QAL	7.80	4.26	1.30	0.546	3.288	6.020	1741.	31.	4.	761.8	29.7	1
970	0	512	37.6287	88.6521	-583.0		QAL	10.35	2.98	1.61	0.288	1.849	6.424	1864.	53.	6.	762.8	29.7	1
971	0	512	37.6287	88.6527	-582.7		QAL	8.20	3.88	0.91	0.473	4.248	8.989	1669.	46.	7.	761.8	29.8	1
972	0	520	37.6286	88.6534	-582.0		QAL	8.74	3.70	1.06	0.423	3.497	8.264	1713.	43.	6.	760.7	29.9	1
973	0	520	37.6286	88.6541	-585.0		QAL	9.16	3.11	0.90	0.340	3.462	10.185	1742.	29.	7.	761.8	29.8	1
974	10	468	37.6286	88.6548	-588.0		QAL	6.69	1.57	1.09	0.0	0.0	6.126	1409.	41.	10.	761.8	29.8	1
975	0	444	37.6285	88.6555	-590.2		QAL	8.06	1.83	0.96	0.227	1.911	8.424	1533.	37.	6.	760.7	29.8	1
976	0	440	37.6285	88.6562	-588.5		QAL	5.71	2.09	0.96	0.365	2.163	5.919	1357.	41.	6.	760.2	29.8	1
977	0	440	37.6285	88.6569	-582.7		QAL	6.08	1.92	0.97	0.317	1.980	6.253	1392.	43.	13.	760.2	29.8	1
978	111	440	37.6285	88.6576	-576.5		QAL	3.65	4.01	0.68	0.0	0.0	0.0	1325.	37.	6.	762.3	29.8	1
979	0	456	37.6284	88.6583	-589.5		QAL	5.73	2.71	1.11	0.474	2.438	5.149	1545.	34.	7.	761.8	29.7	1
980	0	512	37.6284	88.6590	-589.2		QAL	8.60	2.89	1.17	0.336	2.474	7.373	1699.	43.	9.	760.2	29.7	1
981	0	512	37.6284	88.6597	-587.5		QAL	7.46	5.16	1.00	0.691	5.174	7.484	1613.	50.	3.	759.7	29.7	1
982	0	512	37.6283	88.6604	-590.2		QAL	8.48	4.95	1.05	0.584	4.722	8.081	1697.	54.	2.	761.8	29.7	1
983	0	512	37.6283	88.6611	-600.0		QAL	6.63	3.17	1.28	0.477	2.465	5.162	1706.	50.	2.	761.8	29.6	1
984	0	512	37.6282	88.6617	-598.2		QAL	6.54	2.68	1.46	0.410	1.837	4.485	1697.	49.	1.	759.7	29.7	1
985	0	512	37.6282	88.6625	-591.7		QAL	7.89	2.48	1.24	0.315	2.007	6.371	1730.	44.	1.	760.7	29.7	1
986	0	516	37.6282	88.6631	-598.5		QAL	6.24	6.63	1.01	1.063	6.561	6.172	1879.	37.	3.	762.8	29.7	1
987	0	516	37.6281	88.6638	-602.2		QAL	7.07	3.50	1.26	0.494	2.767	5.598	1728.	33.	2.	761.8	29.7	1
988	0	512	37.6281	88.6646	-598.7		QAL	9.58	2.29	1.38	0.240	1.663	6.941	1792.	37.	4.	759.7	29.7	1
989	10	508	37.6281	88.6652	-601.0		QAL	8.33	1.38	1.42	0.0	0.0	5.864	1855.	37.	10.	760.7	29.7	1
990	0	500	37.6281	88.6659	-600.0		QAL	6.03	4.24	1.53	0.704	2.777	3.946	1815.	41.	10.	762.8	29.7	1
991	10	500	37.6280	88.6666	-596.5		QAL	6.57	1.44	1.48	0.0	0.0	4.424	1702.	48.	10.	760.7	29.7	1
992	0	496	37.6280	88.6673	-599.2		QAL	7.63	2.38	1.07	0.312	2.230	7.153	1669.	33.	9.	759.7	29.7	1
993	0	496	37.6280	88.6680	-606.5		QAL	9.11	4.85	0.72	0.532	6.782	12.743	1632.	44.	6.	762.3	29.7	1
994	10	500	37.6280	88.6687	-608.0		QAL	7.58	1.77	1.41	0.0	0.0	5.371	1677.	54.	9.	762.3	29.8	1
995	0	504	37.6279	88.6694	-604.0		QAL	9.34	5.24	1.28	0.561	4.086	7.284	1755.	44.	6.	759.7	29.8	1
996	0	512	37.6279	88.6701	-604.0		QAL	8.30	3.17	1.35	0.382	2.345	6.138	1682.	37.	4.	760.7	29.8	1
997	0	516	37.6279	88.6708	-606.7		QAL	8.31	2.75	1.35	0.331	2.041	6.166	1717.	44.	4.	762.8	29.7	1
998	0	520	37.6278	88.6715	-607.2		QAL	7.25	3.66	1.19	0.505	3.075	6.094	1762.	41.	6.	762.3	29.7	1
999	0	524	37.6278	88.6722	-608.5		QAL	7.69	2.32	1.32	0.302	1.757	5.819	1693.	41.	11.	761.2	29.7	1
1000	0	524	37.6277	88.6729	-611.2		QAL	6.82	3.56	1.27	0.523	2.802	5.362	1695.	42.	11.	761.2	29.6	1
1001	0	524	37.6277	88.6736	-614.0		QAL	7.09	2.83	1.10	0.400	2.573	6.436	1800.	33.	15.	762.3	29.6	1
1002	0	524	37.6277	88.6742	-616.5		QAL	9.03	2.75	1.26	0.305	2.178	7.149	1790.	37.	12.	761.8	29.6	1
1003	10	520	37.6277	88.6750	-618.5		QAL	8.03	1.81	0.83	0.0	0.0	9.687	1601.	39.	12.	759.7	29.6	1
1004	10	520	37.6277	88.6756	-617.5		QAL	8.30	1.54	1.29	0.0	0.0	6.418	1711.	37.	12.	761.2	29.7	1
1005	10	508	37.6276	88.6763	-616.7		QAL	6.56	0.60	0.95	0.0	0.0	6.896	1493.	53.	13.	763.3	29.7	1
1006	0	460	37.6276	88.6770	-617.5		QAL	5.31	3.97	0.99	0.749	4.005	5.348	1383.	39.	9.	761.2	29.7	1
1007	10	452	37.6275	88.6777	-619.7		QAL	5.94	1.40	1.05	0.0	0.0	5.656	1387.	37.	11.	760.2	29.7	1

* ID	TAGS QUAL	ALT	LAT	* LOCATION LONG	MAG	RK.UNIT *	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
1008	0	452	37.6275	88.6784	-622.7	QAL	4.74	3.66	0.75	0.772	4.883	6.326	1371.	36.	11.	761.8	29.7	1
1009	0	452	37.6275	88.6792	-620.2	QAL	5.77	2.86	0.75	0.496	3.826	7.716	1337.	41.	10.	761.8	29.7	1
1010	0	504	37.6274	88.6798	-621.0	QAL	6.29	1.80	1.52	0.286	1.188	4.149	1547.	41.	8.	760.2	29.7	1
1011	10	516	37.6274	88.6805	-625.5	QAL	7.88	1.67	1.27	0.0	0.0	6.193	1510.	44.	7.	760.2	29.7	1
1012	0	516	37.6274	88.6812	-625.5	QAL	8.32	4.43	1.30	0.532	3.404	6.394	1662.	48.	5.	761.2	29.7	1
1013	0	516	37.6274	88.6819	-622.5	QAL	5.50	3.62	1.18	0.658	3.054	4.645	1631.	44.	6.	762.3	29.7	1
1014	0	512	37.6273	88.6826	-626.2	QAL	8.40	2.22	0.91	0.264	2.429	9.183	1605.	42.	4.	761.2	29.7	1
1015	10	508	37.6273	88.6832	-627.0	QAL	8.20	1.11	1.17	0.0	0.0	7.008	1600.	36.	6.	760.2	29.7	1
1016	0	504	37.6272	88.6840	-623.2	QAL	5.53	2.45	1.11	0.443	2.209	4.990	1445.	54.	8.	761.8	29.6	1
1017	10	496	37.6273	88.6846	-628.0	QAL	8.05	1.64	1.01	0.0	0.0	7.940	1468.	34.	4.	762.8	29.6	1
1018	0	496	37.6273	88.6853	-630.2	QAL	6.31	3.56	0.92	0.565	3.859	6.836	1566.	35.	6.	760.7	29.6	1
1019	10	484	37.6273	88.6861	-628.0	QAL	8.28	0.28	1.10	0.0	0.0	7.555	1479.	36.	6.	759.7	29.6	1
1020	0	480	37.6273	88.6868	-630.7	QAL	8.49	3.34	1.06	0.394	3.159	8.022	1593.	30.	5.	762.8	29.6	1
1021	0	472	37.6273	88.6875	-635.2	QAL	6.72	2.07	0.86	0.308	2.402	7.811	1540.	32.	10.	763.3	29.6	1
1022	0	456	37.6273	88.6882	-636.0	QAL	7.26	2.64	1.26	0.363	2.099	5.778	1673.	41.	10.	760.2	29.6	1
1023	10	436	37.6274	88.6889	-633.7	PPS	6.24	1.53	1.23	0.0	0.0	5.083	1682.	40.	12.	760.7	29.6	1
1024	10	412	37.6274	88.6895	-634.0	PPS	9.40	1.22	1.45	0.0	0.0	6.459	1678.	23.	11.	763.8	29.6	1
1025	10	408	37.6274	88.6902	-638.5	PPS	6.59	1.17	1.07	0.0	0.0	6.147	1606.	43.	13.	761.8	29.6	1
1026	10	400	37.6274	88.6910	-637.7	PPS	7.40	1.25	1.20	0.0	0.0	6.165	1692.	40.	11.	759.7	29.6	1
1027	0	400	37.6274	88.6916	-633.0	PPS	8.75	1.97	0.97	0.225	2.029	9.035	1638.	45.	9.	762.8	29.6	1
1028	0	404	37.6274	88.6924	-639.7	PPS	7.42	4.81	1.24	0.649	3.873	5.966	1730.	47.	4.	762.8	29.6	1
1029	0	404	37.6275	88.6931	-642.2	PPS	7.72	2.53	0.94	0.327	2.692	8.232	1667.	45.	8.	759.7	29.6	1
1030	0	400	37.6275	88.6937	-634.7	PPS	6.44	4.21	1.29	0.654	3.274	5.009	1606.	43.	6.	761.8	29.7	1
1031	0	416	37.6275	88.6945	-634.2	PPS	8.05	2.46	1.04	0.305	2.360	7.736	1700.	47.	4.	762.8	29.7	1
1032	0	428	37.6276	88.6952	-637.0	PPS	6.95	3.38	1.16	0.487	2.911	5.980	1716.	46.	3.	759.7	29.8	1
1033	0	420	37.6276	88.6959	-636.7	PPS	7.81	2.71	1.45	0.347	1.864	5.370	1788.	34.	3.	760.7	29.8	1
1034	0	424	37.6276	88.6965	-641.7	PPS	6.39	4.22	1.24	0.660	3.401	5.156	1805.	39.	7.	762.8	29.8	1
1035	0	420	37.6276	88.6972	-643.5	PPS	8.07	2.29	1.02	0.284	2.248	7.927	1736.	34.	6.	760.2	29.8	1
1036	0	424	37.6276	88.6980	-644.2	PPS	8.37	2.05	1.16	0.245	1.762	7.201	1604.	37.	6.	760.2	29.9	1
1037	0	436	37.6277	88.6986	-650.2	PPS	8.08	2.23	1.21	0.277	1.851	6.693	1783.	37.	8.	763.3	29.8	1
1038	0	420	37.6277	88.6994	-652.0	PPS	7.93	4.81	0.98	0.606	4.905	8.092	1638.	31.	5.	761.2	29.9	1
1039	0	408	37.6277	88.7001	-649.5	PPS	7.00	3.08	0.78	0.440	3.928	8.936	1467.	50.	9.	759.7	29.8	1
1040	0	396	37.6278	88.7007	-649.0	PPS	7.14	4.16	1.28	0.582	3.244	5.572	1597.	36.	5.	762.8	29.8	1
1041	0	396	37.6278	88.7014	-645.7	PPS	5.06	3.10	0.99	0.613	3.123	5.091	1507.	48.	8.	762.8	29.9	1
1042	0	480	37.6278	88.7022	-648.0	PPS	8.91	2.40	1.08	0.270	2.224	8.248	1741.	40.	9.	759.7	29.9	1
1043	0	404	37.6278	88.7028	-653.0	PPS	6.48	2.39	1.00	0.369	2.407	6.515	1577.	42.	5.	760.7	29.9	1
1044	0	420	37.6278	88.7035	-649.2	PPS	5.96	3.18	1.01	0.533	3.146	5.904	1553.	39.	4.	762.8	29.9	1
1045	0	460	37.6278	88.7042	-647.0	PPS	5.61	3.25	0.84	0.579	3.846	6.646	1627.	52.	4.	760.7	29.9	1
1046	0	472	37.6279	88.7050	-647.7	PPS	8.21	3.10	1.28	0.378	2.424	6.418	1749.	32.	5.	760.7	29.8	1
1047	0	448	37.6279	88.7057	-646.2	PPS	6.86	4.75	1.03	0.693	4.627	6.680	1656.	45.	1.	762.8	29.8	1
1048	0	404	37.6279	88.7064	-646.7	PPS	5.85	6.16	0.83	1.053	7.385	7.011	1603.	32.	2.	761.8	29.8	1
1049	0	396	37.6279	88.7071	-647.7	PPS	8.01	1.71	1.38	0.214	1.235	5.782	1746.	44.	7.	760.7	29.8	1
1050	0	388	37.6279	88.7077	-650.0	PPS	5.86	4.96	1.14	0.847	4.362	5.151	1710.	43.	5.	762.3	29.8	1
1051	0	404	37.6280	88.7084	-653.0	PPS	6.91	3.28	1.24	0.475	2.653	5.589	1767.	40.	8.	761.2	29.8	1
1052	0	420	37.6280	88.7092	-655.0	PPS	7.91	2.83	1.31	0.358	2.160	6.040	1840.	33.	9.	760.7	29.9	1
1053	0	380	37.6280	88.7098	-656.7	PPS	5.79	3.38	1.02	0.584	3.306	5.658	1594.	34.	10.	762.8	29.8	1
1054	10	364	37.6281	88.7105	-655.7	PPS	7.12	0.11	1.29	0.0	0.0	5.513	1503.	47.	10.	761.2	29.9	1
1055	0	388	37.6281	88.7113	-653.7	PPS	7.29	2.98	0.94	0.409	3.160	7.727	1584.	40.	6.	760.2	29.9	1
1056	0	388	37.6281	88.7119	-652.2	PPS	6.57	2.92	1.09	0.445	2.688	6.041	1633.	41.	11.	762.3	30.0	1
1057	0	388	37.6281	88.7127	-652.7	PPS	6.81	4.20	0.97	0.618	4.313	6.983	1694.	41.	10.	761.2	30.0	1
1058	0	392	37.6281	88.7133	-653.7	PPS	7.50	1.72	1.01	0.229	1.700	7.420	1632.	36.	12.	759.7	29.9	1
1059	10	404	37.6281	88.7141	-653.5	PPS	7.93	1.03	1.21	0.0	0.0	6.548	1615.	46.	12.	761.8	29.9	1
1060	10	432	37.6282	88.7147	-654.7	PPS	9.72	0.82	1.45	0.0	0.0	6.719	1790.	39.	13.	761.2	29.9	1

*	TAGS		* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1061	0	460	37.6282	88.7154	-658.2	PPS	8.64	2.19	1.32	0.254	1.662	6.548	1838.	40.	13.	760.2	29.8	1
1062	0	468	37.6283	88.7162	-659.5	PPS	6.56	4.20	1.18	0.640	3.565	5.571	1865.	39.	12.	762.3	29.8	1
1063	0	472	37.6283	88.7168	-657.2	PPS	7.52	2.76	1.39	0.367	1.992	5.423	1741.	38.	9.	762.3	29.8	1
1064	0	468	37.6283	88.7176	-653.7	PPS	7.02	4.07	1.12	0.580	3.650	6.293	1804.	41.	10.	759.7	29.8	1
1065	0	468	37.6283	88.7183	-653.7	PPS	8.10	2.51	1.16	0.310	2.170	6.999	1774.	32.	11.	760.7	29.8	1
1066	0	472	37.6283	88.7189	-660.7	PPS	6.84	3.56	1.26	0.521	2.831	5.436	1592.	50.	8.	762.8	29.8	1
1067	0	480	37.6283	88.7196	-661.5	PPS	5.73	2.59	1.27	0.452	2.038	4.509	1705.	35.	9.	760.7	29.7	1
1068	0	480	37.6284	88.7204	-656.2	PPS	4.47	4.40	1.10	0.985	4.012	4.075	1548.	49.	9.	761.8	29.8	1
1069	0	480	37.6284	88.7210	-654.7	PPS	5.69	2.54	1.29	0.446	1.967	4.406	1653.	46.	8.	762.8	29.8	1
1070	0	476	37.6284	88.7217	-655.5	PPS	9.91	2.62	1.12	0.264	2.340	8.852	1653.	43.	8.	760.2	29.8	1
1071	0	452	37.6284	88.7224	-659.2	PPS	6.77	4.74	1.03	0.700	4.586	6.548	1595.	38.	8.	761.2	29.9	1
1072	0	448	37.6284	88.7232	-660.2	PPS	5.12	3.51	0.85	0.686	4.127	6.014	1607.	34.	13.	763.3	29.9	1
1073	0	464	37.6284	88.7238	-659.2	PPS	6.39	2.48	1.07	0.388	2.317	5.978	1575.	37.	7.	761.2	30.0	1
1074	0	492	37.6285	88.7245	-659.5	PPS	3.48	3.51	1.14	1.008	3.091	3.065	1626.	45.	8.	760.2	29.9	1
1075	0	492	37.6285	88.7253	-658.0	PPS	4.64	2.15	1.15	0.464	1.871	4.032	1556.	45.	10.	762.3	29.8	1
1076	0	492	37.6286	88.7259	-658.0	PPS	7.98	1.98	1.34	0.248	1.481	5.970	1629.	39.	10.	761.2	29.8	1
1077	0	492	37.6286	88.7266	-664.2	PPS	6.89	5.64	1.05	0.818	5.365	6.558	1673.	40.	5.	760.2	29.8	1
1078	0	488	37.6286	88.7274	-660.5	QAL	4.29	3.61	1.31	0.842	2.754	3.271	1699.	33.	9.	763.3	29.8	1
1079	0	488	37.6286	88.7280	-657.0	QAL	6.88	4.16	1.35	0.605	3.090	5.108	1697.	54.	6.	762.3	29.8	1
1080	0	484	37.6286	88.7287	-662.7	QAL	8.39	3.13	1.40	0.373	2.245	6.012	1686.	31.	4.	761.2	29.8	1
1081	0	480	37.6286	88.7294	-661.2	QAL	7.06	3.18	1.10	0.450	2.879	6.392	1666.	32.	5.	762.8	29.8	1
1082	111	480	37.6287	88.7301	-626.7	QAL	7.24	3.56	1.28	0.0	0.0	0.0	1681.	47.	2.	760.7	29.9	1
1083	111	480	37.6287	88.7309	-698.0	QAL	7.50	4.06	0.97	0.0	0.0	0.0	1692.	43.	6.	765.4	29.8	1
1084	0	480	37.6287	88.7316	-658.7	QAL	6.13	3.38	1.25	0.551	2.693	4.886	1645.	37.	11.	763.8	29.8	1
1085	10	480	37.6287	88.7322	-660.2	QAL	8.35	1.35	1.16	0.0	0.0	7.219	1584.	32.	10.	761.8	29.8	1
1086	0	476	37.6287	88.7329	-665.0	QAL	7.44	3.86	0.97	0.519	3.988	7.686	1567.	46.	11.	761.2	29.8	1
1087	10	476	37.6287	88.7336	-660.0	QAL	7.15	0.90	1.18	0.0	0.0	6.047	1653.	29.	16.	763.3	29.8	1
1088	0	476	37.6288	88.7343	-658.0	QAL	6.14	1.99	1.24	0.325	1.613	4.970	1556.	39.	12.	761.8	29.8	1
1089	0	472	37.6288	88.7350	-662.5	QAL	6.56	3.11	0.97	0.473	3.213	6.789	1608.	37.	11.	761.8	29.8	1
1090	10	476	37.6288	88.7357	-662.0	PPS	6.74	1.25	1.16	0.0	0.0	5.814	1651.	36.	14.	762.8	29.8	1
1091	0	472	37.6289	88.7365	-660.2	PPS	5.07	3.27	1.20	0.645	2.721	4.220	1643.	35.	12.	760.7	29.8	1
1092	10	472	37.6289	88.7371	-662.0	PPS	8.82	1.49	1.39	0.0	0.0	6.335	1578.	43.	11.	762.8	29.8	1
1093	0	472	37.6289	88.7378	-661.2	PPS	8.07	2.59	1.14	0.320	2.267	7.078	1616.	45.	10.	762.8	29.8	1
1094	0	472	37.6289	88.7385	-664.0	PPS	8.52	2.68	0.81	0.315	3.320	10.544	1556.	44.	11.	760.7	29.8	1
1095	0	468	37.6289	88.7392	-663.7	QAL	8.19	2.37	1.09	0.290	2.185	7.538	1683.	43.	11.	762.8	29.8	1
1096	0	464	37.6290	88.7399	-663.0	QAL	6.39	3.58	1.15	0.560	3.118	5.564	1648.	35.	13.	762.8	29.8	1
1097	0	460	37.6290	88.7406	-660.0	QAL	6.78	1.94	1.24	0.286	1.565	5.478	1666.	45.	13.	761.2	29.8	1
1098	0	452	37.6290	88.7413	-661.0	QAL	8.95	2.03	1.16	0.227	1.748	7.711	1674.	27.	12.	762.3	29.8	1
1099	0	452	37.6290	88.7420	-661.7	QAL	6.36	3.21	1.03	0.504	3.112	6.170	1621.	39.	7.	762.3	29.8	1
1100	0	456	37.6290	88.7428	-661.7	QAL	7.21	2.79	0.93	0.387	2.996	7.741	1590.	42.	10.	761.8	29.8	1
1101	10	452	37.6290	88.7435	-657.5	QAL	7.05	1.32	1.38	0.0	0.0	5.126	1558.	52.	10.	763.8	29.8	1
1102	0	452	37.6291	88.7441	-656.2	QAL	5.39	1.72	0.99	0.318	1.736	5.451	1481.	32.	13.	762.8	29.8	1
1103	0	456	37.6291	88.7448	-661.2	QAL	4.83	2.79	1.16	0.579	2.404	4.153	1587.	44.	10.	761.8	29.8	1
1104	0	452	37.6291	88.7455	-664.5	QAL	8.52	3.64	1.01	0.427	3.620	8.474	1545.	37.	7.	762.8	29.8	1
1105	0	452	37.6292	88.7462	-662.5	QAL	6.76	2.89	0.99	0.427	2.910	6.811	1547.	39.	9.	762.8	29.8	1
1106	0	448	37.6292	88.7469	-663.5	QAL	8.15	1.83	0.90	0.225	2.036	9.066	1485.	48.	10.	760.7	29.8	1
1107	0	448	37.6292	88.7476	-666.5	QAL	7.26	3.87	0.93	0.533	4.146	7.778	1580.	27.	6.	762.8	29.8	1
1108	0	452	37.6292	88.7483	-662.5	QAL	5.68	2.63	0.99	0.463	2.647	5.718	1595.	41.	8.	763.8	29.9	1
1109	0	456	37.6292	88.7490	-660.0	QAL	6.13	3.71	1.09	0.605	3.396	5.616	1589.	38.	10.	761.8	29.9	1
1110	0	460	37.6293	88.7497	-662.7	QAL	10.57	2.83	1.11	0.268	2.554	9.520	1666.	40.	4.	761.8	29.9	1
1111	0	460	37.6293	88.7504	-664.2	QAL	6.30	2.24	1.10	0.356	2.037	5.724	1579.	46.	7.	763.3	29.9	1
1112	10	460	37.6293	88.7511	-661.0	QAL	7.58	1.23	1.01	0.0	0.0	7.482	1496.	49.	10.	762.3	29.9	1
1113	0	456	37.6293	88.7518	-660.7	PPS	5.82	3.84	1.08	0.659	3.548	5.382	1548.	45.	9.	760.2	29.9	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1114	0	456	37.6293	88.7525	-663.0	PPS	6.40	1.96	0.79	0.306	2.465	8.061	1518.	40.	7.	761.2	29.9	1
1115	0	452	37.6293	88.7532	-661.0	PPS	8.29	3.08	1.14	0.372	2.701	7.268	1645.	33.	8.	762.3	29.9	1
1116	0	448	37.6294	88.7539	-661.7	PPS	6.35	3.00	1.02	0.473	2.944	6.227	1564.	49.	5.	761.2	29.9	1
1117	0	440	37.6294	88.7546	-664.5	PPS	7.30	3.47	1.30	0.476	2.681	5.633	1647.	30.	3.	761.2	29.8	1
1118	0	444	37.6294	88.7553	-660.5	PPS	6.41	3.57	1.04	0.558	3.452	6.188	1610.	38.	5.	763.8	29.8	1
1119	0	440	37.6295	88.7560	-662.0	PPS	7.26	3.97	1.08	0.548	3.697	6.749	1661.	36.	3.	762.8	29.8	1
1120	0	440	37.6295	88.7567	-668.0	PPS	7.35	4.00	1.19	0.543	3.370	6.202	1698.	52.	6.	759.7	29.8	1
1121	0	436	37.6295	88.7574	-666.7	PPS	9.90	1.93	0.88	0.195	2.185	11.207	1599.	38.	6.	760.7	29.7	1
1122	0	412	37.6295	88.7581	-664.0	PPS	6.08	2.67	1.11	0.439	2.410	5.497	1588.	42.	3.	762.8	29.7	1
1123	0	404	37.6295	88.7588	-665.0	PPS	10.30	2.10	0.92	0.204	2.281	11.207	1538.	43.	3.	762.8	29.7	1
1124	0	400	37.6296	88.7595	-659.2	PPS	7.35	2.64	0.92	0.359	2.879	8.011	1548.	47.	4.	760.7	29.7	1
1125	0	380	37.6296	88.7602	-659.0	PPS	5.34	2.73	1.16	0.511	2.340	4.583	1516.	32.	2.	761.8	29.7	1
1126	0	408	37.6296	88.7609	-661.2	PPS	7.18	3.23	1.15	0.449	2.808	6.247	1592.	43.	0.	762.8	29.8	1
1127	0	408	37.6297	88.7617	-663.5	PPS	7.31	2.61	0.97	0.358	2.698	7.538	1651.	42.	4.	761.8	29.8	1
1128	0	404	37.6297	88.7623	-667.0	PPS	7.41	3.63	1.24	0.491	2.940	5.994	1694.	37.	2.	760.7	29.8	1
1129	0	348	37.6297	88.7630	-666.2	PPS	7.71	2.87	0.87	0.373	3.295	8.837	1535.	43.	2.	762.8	29.7	1
1130	0	360	37.6297	88.7637	-661.2	PPS	7.67	2.05	1.03	0.268	1.988	7.426	1568.	49.	3.	762.3	29.7	1
1131	0	340	37.6297	88.7644	-661.0	PPS	6.97	3.28	1.08	0.471	3.048	6.473	1559.	33.	7.	760.2	29.8	1
1132	0	320	37.6297	88.7651	-658.2	PPS	7.33	1.86	1.17	0.253	1.593	6.289	1551.	32.	11.	762.3	29.9	1
1133	0	316	37.6298	88.7658	-660.0	PPS	7.97	2.96	0.88	0.371	3.369	9.077	1552.	38.	6.	763.3	29.8	1
1134	0	344	37.6298	88.7665	-663.2	PPS	7.51	2.60	1.34	0.346	1.945	5.621	1610.	43.	9.	761.2	29.8	1
1135	0	340	37.6298	88.7672	-663.0	PPS	8.01	1.88	1.25	0.235	1.505	6.417	1706.	33.	8.	762.3	29.8	1
1136	0	344	37.6298	88.7680	-659.0	PPS	9.07	3.04	1.27	0.335	2.392	7.142	1644.	42.	5.	763.8	29.8	1
1137	0	352	37.6298	88.7686	-656.2	PPS	6.79	4.66	0.89	0.686	5.227	7.615	1608.	40.	5.	761.8	29.7	1
1138	0	344	37.6299	88.7693	-660.5	PPS	7.55	2.81	1.23	0.372	2.281	6.139	1697.	42.	3.	760.7	29.8	1
1139	0	360	37.6299	88.7700	-664.7	PPS	7.03	3.85	0.99	0.548	3.890	7.100	1702.	36.	3.	762.3	29.7	1
1140	0	408	37.6299	88.7707	-661.0	PPS	8.52	5.77	1.37	0.677	4.221	6.232	1810.	63.	3.	762.3	29.8	1
1141	0	420	37.6300	88.7714	-657.5	PPS	8.78	5.46	0.94	0.621	5.778	9.300	1818.	33.	2.	761.2	29.8	1
1142	0	428	37.6300	88.7721	-658.7	QAL	7.38	2.68	1.32	0.363	2.027	5.583	1799.	35.	9.	761.2	29.8	1
1143	0	428	37.6300	88.7728	-662.7	QAL	5.81	3.05	1.15	0.525	2.640	5.031	1713.	34.	13.	762.3	29.8	1
1144	10	428	37.6300	88.7735	-665.0	QAL	9.03	0.81	1.24	0.0	0.0	7.278	1686.	23.	14.	762.8	29.8	1
1145	0	376	37.6300	88.7742	-661.2	QAL	6.45	3.21	1.03	0.498	3.131	6.289	1557.	40.	12.	761.8	29.8	1
1146	0	308	37.6300	88.7749	-657.5	PPS	5.93	3.65	0.65	0.616	5.654	9.178	1359.	41.	7.	760.7	29.8	1
1147	10	308	37.6301	88.7756	-662.7	PPS	6.21	0.21	1.05	0.0	0.0	5.897	1353.	43.	9.	762.8	29.9	1
1148	10	308	37.6301	88.7763	-665.2	PPS	6.58	0.64	1.00	0.0	0.0	6.572	1373.	37.	10.	763.3	29.9	1
1149	0	308	37.6301	88.7770	-661.2	PPS	6.41	1.74	1.15	0.272	1.518	5.582	1480.	46.	10.	761.8	29.8	1
1150	0	344	37.6301	88.7777	-659.5	PPS	5.51	3.57	1.12	0.649	3.203	4.938	1696.	33.	6.	760.7	29.9	1
1151	0	352	37.6301	88.7784	-657.7	PPS	8.45	1.96	1.45	0.232	1.357	5.846	1631.	44.	7.	762.8	29.9	1
1152	0	340	37.6302	88.7791	-660.7	PPS	8.50	2.51	1.02	0.295	2.463	8.350	1663.	38.	4.	762.8	29.9	1
1153	0	336	37.6302	88.7797	-663.0	PPS	8.19	3.36	1.11	0.410	3.018	7.355	1672.	42.	4.	761.2	29.9	1
1154	0	332	37.6302	88.7805	-654.7	PPS	6.84	2.60	1.09	0.381	2.398	6.297	1582.	44.	4.	761.2	29.9	1
1155	0	332	37.6303	88.7812	-651.7	PPS	8.52	3.41	1.03	0.401	3.301	8.234	1640.	57.	3.	762.3	29.8	1
1156	0	328	37.6303	88.7819	-657.5	PPS	7.06	2.92	1.06	0.414	2.760	6.661	1582.	45.	2.	763.3	29.9	1
1157	0	328	37.6303	88.7826	-657.0	PPS	7.07	3.01	0.93	0.426	3.238	7.606	1464.	31.	3.	762.3	29.9	1
1158	0	324	37.6303	88.7833	-651.7	PPS	6.54	2.83	1.01	0.433	2.806	6.484	1597.	32.	8.	760.7	29.9	1
1159	0	316	37.6303	88.7840	-651.7	PPS	7.93	2.81	1.17	0.355	2.401	6.773	1628.	31.	4.	760.7	30.0	1
1160	0	316	37.6303	88.7847	-653.0	PPS	8.56	2.12	1.34	0.248	1.583	6.395	1651.	25.	5.	762.8	30.0	1
1161	0	312	37.6304	88.7854	-652.7	PPS	7.15	2.50	1.41	0.349	1.771	5.067	1681.	51.	6.	762.3	30.0	1
1162	0	308	37.6304	88.7861	-651.0	PPS	7.62	2.01	1.00	0.264	2.018	7.647	1584.	35.	8.	760.2	30.1	1
1163	0	308	37.6304	88.7867	-648.7	PPS	6.72	1.31	1.30	0.195	1.012	5.186	1658.	42.	10.	761.2	30.1	1
1164	0	308	37.6304	88.7875	-648.2	PPS	8.07	2.46	1.15	0.304	2.135	7.019	1621.	42.	9.	762.3	30.2	1
1165	0	308	37.6304	88.7882	-650.0	PPS	8.35	3.39	1.25	0.406	2.719	6.701	1754.	37.	14.	761.8	30.2	1
1166	10	324	37.6305	88.7889	-648.2	PPS	11.93	1.11	1.26	0.0	0.0	9.436	1750.	31.	10.	760.7	30.3	1

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1167	10	332	37.6305	88.7896	-649.0	PPS	9.33	0.99	1.17	0.0	0.0	7.990	1661.	43.	15.	760.7	30.2	1
1168	0	328	37.6305	88.7903	-649.0	PPS	6.21	2.39	1.08	0.385	2.208	5.730	1596.	51.	15.	762.8	30.1	1
1169	0	328	37.6306	88.7910	-646.2	PPS	8.57	1.73	1.17	0.201	1.480	7.353	1652.	40.	15.	762.8	30.1	1
1170	0	324	37.6306	88.7917	-644.0	PPS	8.89	1.54	1.20	0.173	1.284	7.430	1652.	25.	15.	761.2	30.1	1
1171	0	320	37.6306	88.7924	-643.5	PPS	7.45	2.93	1.05	0.393	2.777	7.069	1654.	39.	11.	761.2	30.0	1
1172	0	316	37.6306	88.7931	-644.7	PPS	8.48	3.01	0.98	0.355	3.069	8.656	1763.	42.	10.	762.3	30.0	1
1173	0	312	37.6306	88.7937	-646.2	PPS	7.58	2.75	1.06	0.363	2.589	7.138	1649.	43.	9.	763.3	30.0	1
1174	10	320	37.6306	88.7945	-644.0	PPS	9.23	1.34	1.21	0.0	0.0	7.661	1677.	34.	13.	762.3	30.0	1
1175	0	324	37.6307	88.7952	-641.7	PPS	6.36	1.53	1.30	0.240	1.172	4.880	1653.	41.	9.	761.8	30.0	1
1176	0	328	37.6307	88.7959	-640.5	PPS	7.16	2.67	1.08	0.373	2.466	6.610	1565.	43.	8.	761.8	30.0	1
1177	0	336	37.6307	88.7966	-640.0	PPS	6.37	2.06	1.08	0.323	1.900	5.885	1583.	45.	12.	761.8	30.0	1
1178	0	340	37.6307	88.7973	-640.2	PPS	6.18	3.34	1.28	0.541	2.608	4.820	1609.	33.	5.	762.8	30.0	1
1179	0	344	37.6307	88.7979	-642.7	PPS	8.40	2.81	1.39	0.335	2.020	6.033	1651.	45.	3.	762.8	30.0	1
1180	0	344	37.6308	88.7987	-639.2	PPS	7.26	3.37	1.00	0.464	3.362	7.239	1596.	33.	4.	760.7	30.0	1
1181	0	348	37.6308	88.7994	-638.5	PPS	8.14	2.46	1.31	0.302	1.880	6.233	1592.	49.	4.	760.7	30.0	1
1182	0	348	37.6308	88.8001	-640.0	PPS	5.85	3.09	1.34	0.528	2.295	4.348	1581.	44.	7.	761.8	30.0	1
1183	0	352	37.6309	88.8008	-635.5	PPS	8.02	3.22	1.11	0.402	2.898	7.213	1642.	32.	4.	762.8	30.0	1
1184	0	352	37.6309	88.8015	-634.5	PPS	8.51	2.36	1.06	0.277	2.229	8.039	1574.	46.	4.	761.8	30.0	1
1185	0	356	37.6309	88.8022	-636.5	PPS	8.07	2.64	1.17	0.327	2.258	6.910	1569.	53.	3.	761.8	30.0	1
1186	0	352	37.6309	88.8029	-635.7	PPS	5.63	3.07	1.10	0.545	2.798	5.137	1438.	50.	8.	762.8	29.9	1
1187	0	324	37.6309	88.8036	-632.7	PPS	7.42	1.41	1.22	0.191	1.164	6.103	1509.	36.	9.	763.3	29.9	1
1188	0	340	37.6309	88.8043	-630.7	PPS	5.83	2.47	1.06	0.424	2.336	5.510	1465.	27.	7.	762.3	29.9	1
1189	10	356	37.6310	88.8049	-630.5	PPS	7.44	0.69	1.08	0.0	0.0	6.881	1463.	32.	11.	761.2	29.9	1
1190	0	380	37.6310	88.8056	-630.7	PPS	8.72	1.51	1.26	0.174	1.205	6.939	1495.	43.	9.	762.3	30.0	1
1191	10	428	37.6310	88.8064	-628.0	QAL	5.23	1.34	1.25	0.0	0.0	4.178	1559.	45.	18.	764.3	30.1	1
1192	10	404	37.6310	88.8070	-627.2	QAL	5.52	1.24	0.89	0.0	0.0	6.229	1375.	40.	17.	762.3	30.1	1
1193	10	408	37.6310	88.8078	-630.0	QAL	5.06	1.34	0.92	0.0	0.0	5.488	1371.	43.	18.	761.2	30.1	1
1194	10	448	37.6311	88.8085	-624.0	QAL	5.33	0.11	1.09	0.0	0.0	4.878	1349.	38.	19.	762.3	30.2	1
1195	10	452	37.6311	88.8092	-620.2	QAL	6.48	-0.05	0.96	0.0	0.0	6.731	1407.	44.	21.	763.3	30.2	1
1196	10	456	37.6311	88.8099	-621.0	QAL	7.57	-0.25	1.09	0.0	0.0	6.968	1410.	32.	16.	761.2	30.2	1
1197	10	452	37.6312	88.8106	-616.5	PPS	4.62	1.63	1.16	0.0	0.0	3.984	1463.	43.	17.	760.7	30.2	1
1198	0	444	37.6312	88.8113	-617.2	PPS	6.50	2.49	0.82	0.384	3.031	7.897	1493.	41.	12.	762.8	30.2	1
1199	0	428	37.6312	88.8119	-621.7	PPS	6.18	1.89	1.16	0.305	1.628	5.332	1513.	29.	9.	762.8	30.2	1
1200	10	408	37.6312	88.8127	-619.7	PPS	7.95	1.33	1.02	0.0	0.0	7.772	1458.	34.	5.	760.7	30.2	1
1201	10	352	37.6312	88.8134	-619.0	PPS	4.68	1.22	0.89	0.0	0.0	5.236	1277.	41.	9.	761.8	30.2	1
1202	10	344	37.6312	88.8141	-617.5	PPS	5.77	0.95	1.01	0.0	0.0	5.688	1209.	44.	6.	763.8	30.2	1
1203	0	340	37.6313	88.8148	-614.7	PPS	5.89	1.68	0.76	0.286	2.207	7.717	1235.	39.	5.	762.3	30.2	1
1204	10	352	37.6313	88.8155	-610.7	PPS	7.38	0.44	1.04	0.0	0.0	7.127	1331.	35.	7.	761.2	30.2	1
1205	0	380	37.6313	88.8161	-609.0	PPS	6.54	3.50	1.03	0.535	3.384	6.321	1454.	38.	6.	762.8	30.2	1
1206	0	308	37.6313	88.8168	-611.0	PPS	7.52	3.15	0.88	0.418	3.567	8.526	1345.	34.	5.	762.8	30.3	1
1207	0	316	37.6313	88.8176	-611.7	PPS	7.98.	1.88	1.07	0.236	1.758	7.456	1420.	54.	7.	760.7	30.3	1
1208	0	332	37.6313	88.8182	-610.2	PPS	7.83	3.62	1.05	0.463	3.438	7.426	1643.	43.	5.	761.8	30.3	1
1209	0	340	37.6313	88.8189	-608.7	PPS	8.29	3.31	1.04	0.399	3.199	8.012	1584.	33.	3.	763.8	30.3	1
1210	0	332	37.6313	88.8197	-606.0	PPS	4.28	3.05	0.80	0.713	3.795	5.325	1428.	41.	10.	761.8	30.3	1
1211	0	336	37.6313	88.8204	-602.7	PPS	7.68	2.02	1.02	0.263	1.969	7.499	1448.	29.	6.	760.7	30.3	1
1212	0	352	37.6313	88.8211	-602.0	PPS	6.07	1.44	1.06	0.237	1.359	5.741	1518.	40.	6.	763.3	30.3	1
1213	111	340	37.6313	88.8218	-605.7	PPS	4.84	4.58	0.93	0.0	0.0	0.0	1516.	45.	2.	761.8	30.4	1
1214	0	348	37.6313	88.8226	-601.2	PPS	8.65	2.22	1.11	0.257	2.004	7.795	1571.	52.	3.	760.7	30.4	1
1215	0	352	37.6313	88.8233	-598.0	PPS	7.94	2.79	1.06	0.351	2.628	7.490	1613.	41.	2.	762.8	30.3	1
1216	0	360	37.6313	88.8240	-598.2	PPS	8.09	3.21	1.20	0.397	2.673	6.732	1591.	33.	1.	761.8	30.3	1
1217	0	356	37.6313	88.8247	-600.0	PPS	7.94	4.32	1.03	0.545	4.188	7.691	1743.	42.	0.	760.7	30.2	1
1218	0	360	37.6313	88.8254	-597.5	PPS	6.34	3.21	1.08	0.506	2.985	5.898	1576.	39.	1.	762.8	30.2	1
1219	0	364	37.6313	88.8261	-598.2	PPS	8.77	2.47	1.08	0.282	2.297	8.151	1567.	30.	0.	761.8	30.1	1

CP9 IP12

* ID	TAGS QUAL	ALT	LAT	* LOCATION LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
1220	0	376	37.6313	88.8268	-597.7		PPS	7.99	1.93	0.96	0.241	2.012	8.347	1543.	45.	2.	760.7	30.2	1
1221	0	376	37.6313	88.8275	-593.5		PPS	5.51	2.90	1.00	0.526	2.896	5.508	1505.	39.	4.	762.8	30.1	1
1222	0	364	37.6313	88.8283	-592.0		PPS	7.06	4.20	0.86	0.596	4.870	8.175	1539.	47.	1.	762.8	30.2	1
1223	0	364	37.6313	88.8290	-594.7		PPS	4.61	2.74	1.10	0.594	2.497	4.206	1516.	41.	2.	760.7	30.2	1
1224	0	352	37.6312	88.8297	-594.2		PPS	7.75	2.19	1.17	0.282	1.871	6.630	1503.	46.	1.	762.3	30.2	1
1225	0	364	37.6312	88.8305	-593.5		QAL	7.72	4.72	0.86	0.612	5.518	9.017	1534.	32.	1.	763.3	30.2	1
1226	111	348	37.6312	88.8312	-589.2		QAL	5.94	3.72	0.86	0.0	0.0	0.0	1385.	41.	3.	761.2	30.3	1
1227	0	316	37.6312	88.8319	-584.0		QAL	6.44	2.15	0.81	0.334	2.669	7.982	1339.	31.	2.	763.3	30.3	1
1228	0	308	37.6312	88.8325	-584.0		QAL	6.63	1.94	1.03	0.292	1.877	6.425	1366.	37.	2.	763.8	30.3	1
1229	0	340	37.6312	88.8332	-589.5		QAL	5.37	2.75	1.08	0.513	2.547	4.964	1374.	40.	0.	761.8	30.3	1
1230	0	376	37.6312	88.8339	-586.5		QAL	4.65	3.76	0.91	0.809	4.135	5.112	1377.	45.	3.	759.7	30.3	1
1231	0	376	37.6312	88.8347	-580.0		QAL	6.14	2.51	1.07	0.410	2.343	5.718	1443.	50.	6.	761.8	30.3	1
1232	0	384	37.6312	88.8354	-579.5		QAL	6.31	2.11	0.89	0.335	2.386	7.131	1379.	40.	9.	763.3	30.3	1
1233	10	400	37.6312	88.8361	-577.7		QAL	6.87	1.27	1.24	0.0	0.0	5.534	1428.	45.	10.	761.2	30.3	1
1234	10	412	37.6312	88.8369	-579.2		QAL	7.07	1.17	0.95	0.0	0.0	7.447	1436.	42.	10.	760.2	30.2	1
1235	0	400	37.6312	88.8376	-583.0		QAL	9.12	3.58	0.80	0.392	4.480	11.424	1547.	32.	5.	761.2	30.2	1
1236	0	400	37.6312	88.8383	-576.2		PPS	6.77	2.00	1.26	0.295	1.581	5.355	1510.	47.	12.	763.3	30.2	1
1237	10	412	37.6312	88.8390	-577.2		PPS	5.91	0.89	1.43	0.0	0.0	4.143	1545.	44.	11.	761.8	30.1	1
1238	0	416	37.6312	88.8397	-583.2		PPS	5.75	2.94	1.16	0.512	2.531	4.944	1574.	38.	12.	759.7	30.1	1
1239	0	400	37.6311	88.8404	-578.2		PPS	6.96	1.67	1.05	0.240	1.588	6.627	1528.	41.	8.	761.2	30.2	1
1240	0	396	37.6311	88.8411	-573.7		PPS	7.50	3.46	0.85	0.462	4.066	8.810	1577.	32.	9.	762.3	30.2	1
1241	0	396	37.6311	88.8418	-575.7		QAL	7.18	2.73	1.33	0.380	2.046	5.382	1617.	23.	8.	761.2	30.1	1
1242	0	360	37.6311	88.8425	-571.2		QAL	4.38	3.92	0.64	0.895	6.127	6.850	1345.	45.	1.	760.2	30.1	1
1243	0	356	37.6311	88.8433	-569.2		QAL	6.16	1.50	1.00	0.243	1.501	6.177	1286.	49.	7.	761.2	30.1	1
1244	0	360	37.6311	88.8440	-568.7		QAL	5.64	4.29	0.80	0.759	5.325	7.011	1374.	47.	4.	762.8	30.1	1
1245	0	384	37.6311	88.8447	-564.2		QAL	5.63	3.28	1.04	0.581	3.156	5.427	1541.	39.	1.	762.8	30.1	1
1246	0	404	37.6311	88.8454	-567.7		QAL	7.21	2.60	1.27	0.361	2.053	5.689	1579.	49.	3.	760.7	30.1	1
1247	0	396	37.6311	88.8462	-576.2		QAL	8.10	3.47	0.89	0.429	3.912	9.126	1574.	38.	1.	761.8	30.0	1
1248	0	404	37.6311	88.8468	-575.0		QAL	7.63	2.70	1.23	0.354	2.191	6.185	1642.	45.	2.	763.8	30.1	1
1249	0	412	37.6311	88.8475	-567.0		QAL	8.89	3.95	1.42	0.444	2.790	6.280	1599.	34.	0.	762.8	30.1	1
1250	0	396	37.6311	88.8483	-567.5		QAL	5.33	3.50	1.08	0.656	3.235	4.933	1490.	35.	3.	760.2	30.1	1
1251	0	412	37.6311	88.8490	-573.2		QAL	6.05	2.77	0.83	0.458	3.337	7.286	1454.	31.	3.	761.2	30.1	1
1252	0	412	37.6311	88.8497	-571.5		QAL	6.79	3.88	0.90	0.571	4.302	7.534	1507.	28.	5.	763.3	30.1	1
1253	0	408	37.6311	88.8504	-564.5		QAL	4.78	3.17	0.86	0.664	3.688	5.554	1488.	39.	8.	761.8	30.1	1
1254	0	412	37.6310	88.8512	-564.5		QAL	4.27	3.61	1.27	0.845	2.830	3.351	1425.	43.	7.	760.7	30.1	1
1255	0	412	37.6310	88.8519	-567.7		PPS	6.71	2.12	0.89	0.315	2.378	7.547	1436.	44.	11.	762.8	30.1	1
1256	0	396	37.6310	88.8526	-565.7		PPS	5.54	2.12	1.09	0.383	1.955	5.100	1472.	42.	11.	763.3	30.1	1
1257	0	400	37.6310	88.8533	-566.0		PPS	6.39	2.57	1.12	0.402	2.299	5.715	1473.	43.	8.	761.2	30.1	1
1258	10	412	37.6310	88.8540	-565.5		PPS	5.94	0.56	1.16	0.0	0.0	5.121	1488.	48.	13.	760.7	30.3	1
1259	0	412	37.6310	88.8547	-566.0		PPS	7.18	3.00	1.03	0.417	2.903	6.955	1641.	46.	8.	761.8	30.3	1
1260	0	480	37.6310	88.8554	-567.2		PPS	7.73	2.45	1.73	0.317	1.417	4.466	1792.	58.	11.	761.8	30.3	1
1261	0	392	37.6310	88.8561	-565.2		PPS	9.40	2.83	1.16	0.301	2.445	8.126	1627.	38.	6.	760.7	30.3	1
1262	0	388	37.6310	88.8569	-563.2		PPS	8.06	2.11	1.27	0.261	1.655	6.333	1621.	43.	1.	761.8	30.3	1
1263	0	372	37.6310	88.8575	-566.2		PPS	8.51	2.34	1.23	0.275	1.911	6.942	1612.	38.	2.	762.8	30.3	1
1264	0	372	37.6310	88.8583	-567.0		PPS	9.16	3.96	1.20	0.432	3.297	7.627	1768.	25.	0.	760.7	30.3	1
1265	0	364	37.6310	88.8590	-564.5		PPS	7.81	3.11	1.48	0.399	2.096	5.259	1725.	35.	0.	759.7	30.3	1
1266	0	348	37.6310	88.8597	-562.2		PPS	9.20	2.64	1.20	0.287	2.199	7.672	1708.	42.	0.	761.2	30.3	1
1267	0	352	37.6310	88.8605	-563.5		PPS	7.15	3.83	1.15	0.535	3.335	6.234	1681.	28.	3.	762.3	30.2	1
1268	0	360	37.6310	88.8611	-568.2		PPS	7.79	4.08	1.03	0.524	3.969	7.581	1616.	36.	0.	762.3	30.2	1
1269	0	372	37.6309	88.8618	-566.7		PPS	5.94	4.24	1.30	0.713	3.266	4.580	1685.	34.	1.	761.2	30.2	1
1270	0	368	37.6309	88.8625	-568.7		PPS	6.79	2.79	1.37	0.411	2.039	4.959	1662.	48.	4.	761.2	30.2	1
1271	10	360	37.6309	88.8633	-574.0		PPS	8.79	1.23	1.48	0.0	0.0	5.953	1654.	37.	4.	762.8	30.3	1
1272	0	384	37.6309	88.8640	-567.2		PPS	6.59	3.81	0.97	0.578	3.948	6.828	1711.	36.	4.	762.8	30.3	1

CP9 1P 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1273	0	376	37.6309	88.8647	-564.2	PPS	7.55	3.53	1.28	0.468	2.759	5.896	1737.	32.	5.	760.7	30.3	1
1274	0	364	37.6309	88.8654	-565.7	PPS	7.14	3.42	1.17	0.479	2.932	6.114	1642.	52.	8.	760.7	30.3	1
1275	0	352	37.6309	88.8661	-564.2	PPS	7.23	3.03	0.97	0.420	3.141	7.484	1642.	36.	6.	762.3	30.3	1
1276	0	352	37.6309	88.8669	-568.7	PPS	9.74	1.88	1.14	0.193	1.653	8.544	1634.	39.	8.	762.8	30.4	1
1277	0	372	37.6309	88.8676	-566.5	PPS	7.99	1.83	1.29	0.230	1.423	6.198	1685.	41.	10.	761.8	30.4	1
1278	0	364	37.6309	88.8683	-564.0	PPS	9.20	2.01	1.08	0.218	1.865	8.550	1598.	47.	10.	760.7	30.4	1
1279	0	364	37.6309	88.8690	-568.0	PPS	7.96	1.61	1.16	0.202	1.384	6.846	1716.	45.	7.	760.2	30.3	1
1280	0	364	37.6309	88.8697	-568.7	PPS	7.37	3.21	1.14	0.436	2.807	6.434	1818.	41.	7.	761.2	30.3	1
1281	0	360	37.6309	88.8704	-569.2	PPS	8.59	3.15	1.17	0.366	2.684	7.324	1748.	40.	6.	762.3	30.3	1
1282	0	368	37.6309	88.8712	-573.7	PPS	6.25	3.29	1.40	0.526	2.353	4.477	1768.	48.	8.	763.3	30.3	1
1283	0	368	37.6309	88.8719	-572.5	PPS	7.18	3.76	0.93	0.524	4.035	7.703	1685.	38.	8.	762.8	30.3	1
1284	0	368	37.6309	88.8726	-571.2	PPS	6.77	4.84	1.00	0.715	4.862	6.804	1616.	49.	5.	760.7	30.3	1
1285	0	340	37.6308	88.8733	-569.5	PPS	8.04	1.80	1.07	0.224	1.682	7.512	1476.	43.	8.	759.7	30.2	1
1286	0	348	37.6308	88.8741	-563.7	PPS	6.30	2.01	0.78	0.319	2.573	8.079	1438.	42.	8.	761.2	30.3	1
1287	0	372	37.6308	88.8748	-572.5	PPS	7.29	3.31	0.97	0.454	3.431	7.556	1509.	30.	8.	763.3	30.3	1
1288	0	404	37.6308	88.8754	-579.7	PPS	7.97	2.54	1.04	0.318	2.443	7.673	1495.	44.	10.	762.3	30.4	1
1289	0	404	37.6308	88.8761	-572.2	PPS	8.06	2.60	0.99	0.323	2.629	8.149	1530.	34.	9.	761.2	30.3	1
1290	0	380	37.6308	88.8768	-573.0	PPS	6.40	2.87	0.86	0.449	3.323	7.396	1584.	37.	9.	760.7	30.3	1
1291	0	380	37.6308	88.8775	-576.0	PPS	6.48	2.12	1.28	0.326	1.656	5.077	1592.	37.	11.	760.7	30.3	1
1292	0	364	37.6308	88.8783	-570.5	PPS	7.12	1.95	1.12	0.274	1.741	6.360	1603.	44.	8.	762.3	30.3	1
1293	0	356	37.6307	88.8790	-571.2	PPS	6.66	1.98	1.37	0.298	1.453	4.874	1674.	37.	8.	763.3	30.2	1
1294	0	348	37.6307	88.8797	-574.0	PPS	6.76	2.82	1.11	0.418	2.551	6.108	1574.	50.	4.	761.2	30.3	1
1295	0	348	37.6307	88.8805	-565.0	PPS	6.29	3.97	1.18	0.632	3.375	5.343	1665.	32.	2.	760.2	30.3	1
1296	0	340	37.6307	88.8812	-563.0	PPS	8.97	3.47	1.17	0.387	2.955	7.637	1678.	52.	3.	761.2	30.3	1
1297	0	336	37.6307	88.8819	-566.5	PPS	8.00	3.17	0.95	0.397	3.341	8.425	1701.	33.	0.	762.3	30.2	1
1298	0	340	37.6307	88.8825	-565.5	PPS	6.43	2.55	1.09	0.396	2.347	5.921	1703.	40.	6.	762.8	30.2	1
1299	0	332	37.6307	88.8833	-568.2	PPS	6.45	3.48	1.42	0.539	2.450	4.542	1682.	48.	5.	761.8	30.2	1
1300	0	328	37.6307	88.8840	-571.7	PPS	6.30	3.23	1.21	0.512	2.666	5.205	1685.	40.	5.	759.7	30.3	1
1301	0	328	37.6307	88.8847	-571.0	PPS	9.19	2.07	1.37	0.225	1.511	6.703	1683.	34.	5.	760.7	30.3	1
1302	0	328	37.6307	88.8854	-575.2	PPS	8.89	4.29	1.05	0.483	4.080	8.449	1801.	43.	3.	761.8	30.3	1
1303	0	324	37.6307	88.8861	-576.5	PPS	8.36	3.38	1.39	0.405	2.442	6.034	1698.	43.	4.	761.8	30.3	1
1304	0	332	37.6307	88.8869	-574.2	PPS	8.09	3.23	1.05	0.399	3.064	7.683	1861.	40.	0.	761.8	30.4	1
1305	0	332	37.6307	88.8876	-583.5	PPS	8.80	3.15	1.19	0.358	2.643	7.373	1773.	31.	0.	760.7	30.4	1
1306	0	332	37.6307	88.8883	-587.2	PPS	9.36	2.75	1.35	0.294	2.041	6.951	1781.	35.	0.	760.7	30.4	1
1307	0	332	37.6307	88.8890	-584.0	PPS	9.60	2.70	1.40	0.282	1.931	6.859	1758.	37.	0.	762.8	30.4	1
1308	0	324	37.6306	88.8897	-584.0	PPS	11.17	1.99	1.20	0.178	1.654	9.289	1774.	37.	0.	763.3	30.3	1
1309	0	320	37.6306	88.8904	-583.2	PPS	9.60	1.54	1.35	0.160	1.139	7.122	1739.	46.	1.	761.2	30.3	1
1310	0	328	37.6306	88.8912	-577.5	PPS	8.86	2.31	1.26	0.261	1.838	7.048	1743.	44.	2.	761.2	30.3	1
1311	0	336	37.6306	88.8919	-577.5	PPS	7.75	2.11	1.25	0.273	1.696	6.221	1660.	41.	8.	761.2	30.3	1
1312	0	332	37.6306	88.8926	-583.2	PPS	9.33	2.59	1.15	0.277	2.255	8.139	1747.	40.	7.	761.2	30.3	1
1313	0	324	37.6306	88.8933	-583.5	PPS	6.66	3.66	1.11	0.549	3.299	6.003	1797.	38.	3.	762.8	30.3	1
1314	0	324	37.6306	88.8940	-580.7	PPS	10.73	1.98	1.09	0.185	1.817	9.848	1765.	44.	6.	763.8	30.3	1
1315	0	332	37.6306	88.8948	-584.0	PPAB	9.83	1.58	1.19	0.160	1.324	8.256	1748.	38.	7.	761.8	30.3	1
1316	0	340	37.6306	88.8955	-583.5	PPAB	8.65	3.83	1.12	0.442	3.426	7.745	1759.	46.	7.	760.2	30.3	1
1317	0	348	37.6306	88.8962	-583.5	PPAB	9.91	1.59	1.33	0.161	1.195	7.436	1697.	42.	8.	761.2	30.3	1
1318	0	348	37.6306	88.8969	-587.2	PPAB	9.82	2.39	1.22	0.243	1.964	8.075	1809.	22.	10.	762.8	30.3	1
1319	0	348	37.6306	88.8976	-590.2	PPAB	9.22	2.04	1.27	0.221	1.610	7.279	1738.	41.	11.	762.8	30.3	1
1320	0	352	37.6306	88.8983	-593.7	PPAB	8.31	2.91	0.95	0.350	3.050	8.708	1658.	53.	12.	761.8	30.3	1
1321	0	360	37.6306	88.8990	-590.7	PPAB	5.81	2.51	1.43	0.433	1.764	4.074	1722.	31.	11.	760.7	30.3	1
1322	0	336	37.6306	88.8997	-587.7	PPAB	8.10	2.09	1.18	0.258	1.770	6.853	1641.	42.	9.	760.7	30.3	1
1323	0	316	37.6305	88.9004	-595.0	PPAB	6.84	1.80	1.05	0.263	1.712	6.516	1533.	36.	13.	761.8	30.3	1
1324	0	316	37.6305	88.9012	-596.0	QAL	8.01	1.47	1.06	0.183	1.389	7.575	1520.	39.	12.	762.8	30.4	1
1325	10	320	37.6305	88.9019	-594.2	QAL	7.28	0.02	1.01	0.0	0.0	7.230	1338.	63.	14.	761.8	30.3	1

CP9 1P12

*	TAGS		* LOCATION			*		REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1326	0	344	37.6305	88.9026	-597.5		QAL	5.65	2.22	1.05	0.392	2.103	5.360	1373.	45.	11.	760.2	30.3	1
1327	0	388	37.6305	88.9034	-598.2		QAL	4.57	1.70	1.14	0.371	1.486	4.006	1521.	46.	11.	760.2	30.3	1
1328	10	408	37.6305	88.9040	-599.7		QAL	7.44	1.22	1.21	0.0	0.0	6.159	1518.	45.	11.	761.2	30.3	1
1329	10	412	37.6305	88.9047	-601.0		QAL	8.91	0.49	1.09	0.0	0.0	8.178	1547.	35.	14.	762.8	30.2	1
1330	0	424	37.6305	88.9054	-599.7		QAL	7.36	1.68	0.97	0.229	1.732	7.561	1454.	42.	12.	762.8	30.3	1
1331	10	424	37.6305	88.9061	-600.5		QAL	8.27	1.10	1.25	0.0	0.0	6.628	1496.	44.	10.	760.7	30.2	1
1332	0	428	37.6305	88.9069	-600.2		QAL	6.54	1.69	1.19	0.259	1.420	5.484	1502.	40.	11.	759.7	30.3	1
1333	0	432	37.6305	88.9076	-600.5		PPAB	6.17	2.11	1.12	0.342	1.887	5.512	1463.	38.	8.	761.2	30.3	1
1334	0	436	37.6305	88.9083	-606.0		PPAB	6.51	2.53	0.85	0.388	2.964	7.631	1418.	44.	9.	762.8	30.3	1
1335	0	436	37.6305	88.9090	-608.7		PPAB	6.77	2.06	1.25	0.304	1.640	5.392	1446.	46.	8.	762.8	30.3	1
1336	0	436	37.6305	88.9097	-605.5		PPAB	6.36	3.33	1.00	0.523	3.314	6.331	1479.	33.	9.	760.7	30.3	1
1337	10	372	37.6305	88.9105	-599.5		PPAB	6.35	1.34	1.02	0.0	0.0	6.250	1421.	47.	9.	759.7	30.3	1
1338	0	392	37.6304	88.9112	-603.0		PPAB	7.87	2.10	1.10	0.267	1.900	7.123	1448.	43.	9.	760.7	30.3	1
1339	10	372	37.6304	88.9119	-609.5		PPAB	6.70	0.42	1.10	0.0	0.0	6.114	1345.	31.	13.	761.8	30.4	1
1340	10	344	37.6304	88.9126	-607.7		PPAB	5.60	0.69	0.89	0.0	0.0	6.290	1264.	31.	14.	762.8	30.4	1
1341	0	348	37.6304	88.9133	-602.5		PPAB	7.95	2.27	1.02	0.286	2.219	7.761	1457.	30.	9.	762.3	30.4	1
1342	0	396	37.6304	88.9140	-603.2		PPAB	7.91	3.18	0.95	0.402	3.327	8.283	1636.	41.	12.	761.2	30.4	1
1343	0	396	37.6304	88.9148	-606.2		PPAB	7.87	2.12	1.08	0.269	1.959	7.273	1615.	59.	15.	760.2	30.3	1
1344	0	376	37.6304	88.9155	-610.0		PPAB	9.30	2.02	1.33	0.218	1.523	6.997	1664.	47.	9.	760.7	30.4	1
1345	0	372	37.6304	88.9162	-611.0		PPAB	6.17	2.78	1.05	0.450	2.635	5.851	1660.	35.	15.	762.3	30.4	1
1346	0	336	37.6304	88.9169	-611.7		PPAB	6.18	1.89	1.28	0.306	1.479	4.826	1444.	42.	12.	762.3	30.4	1
1347	0	344	37.6304	88.9176	-615.2		PPAB	6.50	1.94	1.12	0.299	1.732	5.792	1444.	36.	9.	761.2	30.4	1
1348	0	352	37.6304	88.9183	-613.2		PPAB	5.21	1.45	0.99	0.278	1.469	5.277	1339.	33.	7.	761.2	30.5	1
1349	0	348	37.6304	88.9190	-609.5		PPAB	5.86	2.37	0.85	0.404	2.796	6.912	1357.	51.	6.	760.7	30.5	1
1350	0	356	37.6304	88.9197	-616.2		PPAB	4.47	2.15	0.93	0.480	2.309	4.810	1338.	43.	10.	760.7	30.4	1
1351	0	360	37.6304	88.9204	-618.5		PPAB	7.24	2.11	0.80	0.291	2.643	9.079	1433.	40.	6.	762.3	30.3	1
1352	0	344	37.6304	88.9212	-615.2		PPAB	5.48	1.78	1.11	0.325	1.603	4.936	1500.	43.	6.	763.3	30.3	1
1353	0	348	37.6303	88.9219	-615.7		PPAB	6.16	3.31	0.87	0.538	3.801	7.071	1483.	43.	9.	762.3	30.3	1
1354	0	376	37.6303	88.9226	-617.5		PPAB	6.65	5.23	1.02	0.787	5.147	6.543	1701.	43.	7.	761.2	30.3	1
1355	0	376	37.6303	88.9234	-618.2		PPAB	9.10	6.31	0.99	0.694	6.390	9.210	1813.	40.	5.	760.2	30.3	1
1356	0	380	37.6303	88.9240	-618.0		PPAB	9.47	2.00	1.33	0.211	1.508	7.139	1750.	41.	10.	761.2	30.3	1
1357	0	380	37.6303	88.9248	-621.2		PPAB	8.21	3.75	1.26	0.457	2.970	6.505	1759.	38.	7.	762.8	30.3	1
1358	0	384	37.6303	88.9254	-627.7		PPAB	9.03	2.32	1.48	0.257	1.566	6.094	1784.	53.	11.	762.8	30.4	1
1359	0	392	37.6303	88.9261	-624.2		PPAB	7.47	2.78	1.21	0.372	2.301	6.186	1715.	39.	12.	762.8	30.4	1
1360	0	392	37.6303	88.9269	-625.5		PPAB	7.16	3.72	1.07	0.520	3.488	6.709	1685.	39.	12.	762.8	30.5	1
1361	0	380	37.6303	88.9276	-629.7		PPAB	6.00	2.26	1.36	0.377	1.663	4.412	1731.	40.	10.	760.7	30.5	1
1362	0	368	37.6303	88.9283	-626.7		PPAB	10.36	3.93	0.97	0.379	4.032	10.628	1737.	36.	5.	760.7	30.5	1
1363	0	364	37.6303	88.9290	-623.2		PPAB	11.93	3.63	0.87	0.304	4.177	13.730	1744.	28.	7.	761.8	30.5	1
1364	0	364	37.6303	88.9297	-624.2		PPAB	10.35	2.72	0.97	0.263	2.812	10.709	1678.	44.	4.	762.8	30.5	1
1365	0	364	37.6303	88.9305	-630.7		PPAB	7.73	2.81	1.03	0.364	2.731	7.509	1645.	39.	7.	761.8	30.5	1
1366	0	368	37.6303	88.9312	-636.7		PPAB	7.62	1.71	1.14	0.225	1.507	6.699	1705.	44.	8.	760.7	30.5	1
1367	0	364	37.6303	88.9319	-632.0		PPAB	6.97	2.42	1.22	0.347	1.983	5.718	1639.	28.	2.	759.7	30.5	1
1368	0	312	37.6303	88.9326	-629.0		PPAB	6.47	3.21	1.12	0.497	2.870	5.776	1629.	43.	4.	760.7	30.6	1
1369	0	300	37.6303	88.9333	-634.5		PPAB	7.71	1.70	1.03	0.220	1.645	7.490	1526.	52.	8.	762.3	30.5	1
1370	0	352	37.6303	88.9340	-635.5		PPAB	7.33	3.05	1.19	0.416	2.573	6.179	1739.	43.	8.	762.3	30.6	1
1371	0	348	37.6303	88.9347	-634.2		PPAB	9.09	3.29	1.07	0.362	3.065	8.479	1782.	32.	7.	762.3	30.6	1
1372	0	348	37.6303	88.9354	-637.0		PPAB	11.22	2.99	1.28	0.266	2.339	8.781	1778.	38.	5.	761.2	30.6	1
1373	10	348	37.6303	88.9360	-638.5		PPAB	10.24	0.84	1.73	0.0	0.0	5.932	1763.	40.	10.	759.7	30.6	1
1374	0	344	37.6303	88.9368	-638.2		PPAB	8.32	2.78	1.09	0.334	2.547	7.631	1692.	41.	8.	760.2	30.6	1
1375	10	340	37.6303	88.9375	-639.0		PPAB	8.81	1.13	1.05	0.0	0.0	8.388	1620.	37.	12.	762.3	30.7	1
1376	0	340	37.6303	88.9382	-639.5		PPAB	8.74	2.65	1.12	0.303	2.372	7.838	1786.	37.	7.	762.3	30.8	1
1377	0	348	37.6303	88.9389	-638.0		PPAB	8.34	3.12	1.23	0.373	2.535	6.786	1704.	40.	9.	761.2	30.8	1
1378	0	348	37.6303	88.9395	-635.7		PPAB	8.50	1.51	1.34	0.178	1.125	6.321	1694.	48.	12.	760.2	30.8	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1379	0	352	37.6303	88.9402	-640.7	PPAB	7.40	3.04	1.23	0.411	2.474	6.026	1681.	37.	9.	760.7	30.8	1
1380	10	364	37.6303	88.9409	-642.5	PPAB	9.04	1.48	0.99	0.0	0.0	9.089	1730.	31.	12.	760.7	30.8	1
1381	0	360	37.6303	88.9416	-639.2	PPAB	8.41	1.69	1.18	0.201	1.431	7.113	1631.	37.	10.	760.7	30.8	1
1382	0	392	37.6303	88.9423	-643.7	PPAB	9.41	4.48	0.98	0.476	4.575	9.605	1663.	36.	7.	760.7	30.8	1
1383	0	404	37.6303	88.9430	-646.0	PPAB	7.21	2.33	1.01	0.323	2.314	7.156	1574.	34.	7.	758.7	30.8	1
1384	0	428	37.6304	88.9437	-646.0	QAL	9.02	3.49	0.90	0.387	3.891	10.058	1538.	33.	4.	758.7	30.8	1
1385	0	460	37.6304	88.9443	-647.0	QAL	5.74	3.38	1.13	0.588	2.990	5.083	1568.	39.	5.	760.7	30.8	1
1386	0	468	37.6304	88.9451	-651.5	QAL	5.53	2.95	0.78	0.533	3.758	7.051	1458.	45.	5.	760.7	30.7	1
1387	0	456	37.6304	88.9458	-652.0	QAL	4.19	4.46	0.90	1.063	4.950	4.655	1423.	38.	5.	759.7	30.6	1
1388	0	460	37.6304	88.9465	-648.0	QAL	6.26	3.02	0.83	0.482	3.617	7.503	1421.	28.	7.	759.7	30.6	1
1389	0	436	37.6304	88.9472	-650.0	QAL	5.70	2.42	0.93	0.425	2.596	6.107	1388.	37.	9.	758.7	30.5	1
1390	0	452	37.6304	88.9478	-653.5	QAL	4.62	3.89	0.76	0.843	5.122	6.077	1397.	33.	7.	759.7	30.5	1
1391	10	452	37.6304	88.9485	-654.5	QAL	7.39	0.72	1.14	0.0	0.0	6.470	1526.	30.	10.	761.8	30.5	1
1392	10	436	37.6304	88.9492	-653.5	PPAB	10.53	0.81	1.35	0.0	0.0	7.775	1602.	26.	9.	761.2	30.6	1
1393	10	424	37.6304	88.9499	-653.0	PPAB	6.53	0.46	1.04	0.0	0.0	6.258	1454.	56.	12.	760.2	30.6	1
1394	0	432	37.6304	88.9506	-651.5	PPAB	7.98	2.18	1.00	0.273	2.189	8.015	1514.	43.	7.	760.2	30.6	1
1395	10	372	37.6304	88.9513	-653.0	PPAB	6.30	1.23	1.26	0.0	0.0	5.012	1368.	30.	7.	760.2	30.6	1
1396	0	356	37.6304	88.9520	-657.0	PPAB	6.91	1.91	0.76	0.277	2.512	9.069	1311.	35.	7.	762.3	30.6	1
1397	0	360	37.6304	88.9526	-660.0	PPAB	2.50	1.57	1.22	0.629	1.285	2.043	1295.	39.	10.	762.3	30.6	1
1398	0	372	37.6304	88.9534	-661.0	PPAB	4.54	2.48	0.99	0.545	2.496	4.580	1336.	45.	9.	761.2	30.6	1
1399	0	416	37.6304	88.9541	-659.2	PPAB	5.38	3.27	0.72	0.607	4.511	7.432	1316.	54.	11.	760.2	30.7	1
1400	0	432	37.6305	88.9548	-654.0	PPAB	6.18	2.76	1.07	0.447	2.595	5.800	1536.	42.	11.	761.2	30.8	1
1401	0	412	37.6305	88.9555	-649.5	PPAB	6.95	2.54	1.09	0.365	2.319	6.350	1500.	36.	10.	761.8	30.7	1
1402	10	404	37.6305	88.9561	-655.2	PPAB	7.78	0.51	1.36	0.0	0.0	5.707	1430.	44.	17.	761.8	30.7	1
1403	0	380	37.6305	88.9568	-663.2	PPAB	5.11	3.47	0.86	0.679	4.032	5.936	1373.	43.	13.	762.8	30.7	1
1404	10	368	37.6305	88.9575	-666.7	PPAB	6.41	0.38	1.00	0.0	0.0	6.439	1343.	30.	16.	761.8	30.8	1
1405	0	368	37.6305	88.9582	-670.0	PPS	5.46	1.58	0.84	0.289	1.883	6.506	1321.	38.	15.	759.7	30.8	1
1406	0	384	37.6305	88.9589	-675.0	PPS	4.11	2.15	0.96	0.524	2.250	4.293	1326.	34.	17.	759.7	30.8	1
1407	10	392	37.6305	88.9596	-677.2	PPS	6.16	0.48	1.07	0.0	0.0	5.737	1400.	33.	16.	761.8	30.8	1
1408	0	380	37.6306	88.9603	-684.5	PPS	4.55	1.93	0.97	0.425	1.986	4.673	1333.	40.	16.	761.8	30.8	1
1409	0	420	37.6306	88.9609	-689.0	PPS	5.79	3.07	1.02	0.529	3.014	5.694	1505.	44.	10.	760.7	30.8	1
1410	10	436	37.6306	88.9617	-677.2	PPS	8.62	0.93	1.05	0.0	0.0	8.249	1659.	34.	13.	759.7	30.9	1
1411	0	428	37.6306	88.9624	-674.0	PPS	7.40	3.50	1.04	0.472	3.369	7.130	1545.	47.	9.	759.2	30.9	1
1412	0	412	37.6306	88.9630	-678.0	PPS	5.20	2.62	1.29	0.503	2.035	4.042	1502.	38.	8.	760.2	31.0	1
1413	0	412	37.6306	88.9638	-667.5	PPS	7.27	2.45	1.09	0.337	2.242	6.660	1534.	42.	8.	762.3	31.0	1
1414	0	412	37.6306	88.9644	-662.2	PPS	9.51	2.38	0.95	0.251	2.510	10.016	1550.	41.	6.	761.8	31.0	1
1415	0	420	37.6306	88.9651	-670.7	PPS	6.17	3.41	1.26	0.553	2.720	4.914	1581.	39.	10.	759.7	31.0	1
1416	0	424	37.6306	88.9658	-669.7	PPS	4.67	3.78	0.84	0.810	4.490	5.543	1515.	33.	8.	758.7	31.0	1
1417	0	376	37.6306	88.9665	-669.5	PPS	7.05	1.91	0.99	0.271	1.920	7.096	1414.	46.	9.	758.7	31.0	1
1418	0	372	37.6306	88.9672	-676.2	PPS	4.75	2.57	1.08	0.542	2.391	4.414	1449.	39.	12.	759.7	31.1	1
1419	10	376	37.6306	88.9679	-669.7	PPS	5.24	0.96	1.28	0.0	0.0	4.084	1406.	44.	11.	760.7	31.0	1
1420	10	388	37.6306	88.9686	-666.0	PPS	7.72	0.70	1.16	0.0	0.0	6.680	1492.	34.	9.	761.8	31.0	1
1421	10	388	37.6306	88.9692	-675.5	PPS	5.70	0.82	0.96	0.0	0.0	5.934	1503.	49.	11.	760.7	31.0	1
1422	0	380	37.6306	88.9699	-674.5	PPS	7.88	1.46	1.27	0.185	1.151	6.207	1547.	38.	8.	760.7	31.0	1
1423	0	388	37.6306	88.9707	-669.5	PPS	7.43	2.13	0.96	0.287	2.214	7.715	1499.	29.	7.	759.7	31.0	1
1424	0	380	37.6307	88.9713	-673.5	PPS	5.93	3.25	0.94	0.548	3.466	6.328	1495.	38.	9.	758.7	31.0	1
1425	10	352	37.6307	88.9721	-674.0	PPS	7.32	0.71	0.80	0.0	0.0	9.175	1404.	37.	8.	759.7	30.9	1
1426	0	340	37.6307	88.9727	-672.2	PPS	4.83	3.54	1.07	0.732	3.313	4.523	1433.	26.	6.	761.2	30.9	1
1427	0	340	37.6307	88.9735	-672.0	PPS	4.43	3.04	0.83	0.687	3.659	5.323	1469.	44.	6.	762.3	30.9	1
1428	10	368	37.6307	88.9741	-667.2	PPS	9.21	1.36	1.22	0.0	0.0	7.532	1553.	34.	3.	762.3	30.9	1
1429	10	336	37.6307	88.9748	-669.5	PPS	8.38	1.17	1.12	0.0	0.0	7.449	1545.	24.	4.	761.2	30.9	1
1430	0	364	37.6307	88.9755	-670.7	PPS	5.06	2.55	1.16	0.504	2.203	4.369	1632.	52.	4.	760.2	30.9	1
1431	0	372	37.6307	88.9762	-670.2	PPS	7.40	4.25	1.05	0.574	4.064	7.082	1658.	48.	2.	759.7	30.9	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1432	0	356	37.6307	88.9769	-672.2	PPS	6.85	2.43	0.78	0.354	3.124	8.823	1482.	38.	3.	759.7	31.0	1
1433	0	336	37.6307	88.9776	-672.2	PPS	7.52	1.73	0.97	0.230	1.788	7.756	1509.	40.	5.	760.7	31.0	1
1434	0	332	37.6307	88.9783	-670.5	PPS	6.69	1.95	1.08	0.292	1.806	6.187	1459.	54.	5.	760.7	31.0	1
1435	0	376	37.6307	88.9790	-669.7	PPS	7.02	4.21	1.15	0.599	3.657	6.100	1556.	42.	1.	761.8	31.0	1
1436	0	392	37.6307	88.9796	-668.2	PPS	8.95	4.77	0.97	0.533	4.930	9.249	1625.	38.	2.	761.8	31.1	1
1437	0	396	37.6307	88.9804	-666.5	PPS	8.84	2.90	1.07	0.328	2.717	8.283	1698.	33.	5.	760.7	31.0	1
1438	0	396	37.6307	88.9810	-665.2	PPS	7.89	3.57	1.29	0.453	2.774	6.128	1688.	41.	5.	759.7	31.0	1
1439	0	396	37.6307	88.9818	-665.2	PPS	7.81	3.27	1.04	0.418	3.134	7.490	1678.	37.	10.	759.7	31.0	1
1440	0	396	37.6308	88.9824	-665.0	PPS	7.17	2.95	0.89	0.411	3.307	8.053	1624.	34.	12.	759.7	31.0	1
1441	0	384	37.6308	88.9831	-666.5	PPS	8.41	2.13	1.05	0.253	2.022	8.000	1547.	45.	12.	760.7	31.0	1
1442	0	384	37.6308	88.9838	-668.5	PPS	6.14	1.54	1.35	0.251	1.136	4.533	1500.	49.	13.	761.8	31.0	1
1443	0	388	37.6308	88.9845	-667.2	PPS	6.53	3.58	1.23	0.548	2.899	5.285	1649.	41.	10.	761.8	31.0	1
1444	0	388	37.6308	88.9852	-666.5	PPS	6.72	2.97	1.12	0.441	2.644	5.990	1642.	37.	14.	761.8	31.0	1
1445	0	380	37.6308	88.9859	-666.5	PPS	8.55	2.06	1.09	0.241	1.888	7.851	1594.	42.	11.	761.2	31.1	1
1446	10	380	37.6308	88.9866	-667.2	PPS	9.54	1.33	1.20	0.0	0.0	7.971	1610.	38.	9.	760.2	31.1	1
1447	0	356	37.6308	88.9873	-663.7	QAL	6.79	2.27	0.84	0.334	2.704	8.095	1487.	38.	11.	760.2	31.1	1
1448	0	368	37.6308	88.9879	-661.5	QAL	5.85	2.18	1.15	0.373	1.897	5.083	1446.	42.	3.	759.7	31.1	1
1449	0	376	37.6308	88.9886	-663.2	QAL	6.14	2.18	1.03	0.356	2.127	5.982	1314.	45.	4.	759.7	31.0	1
1450	0	348	37.6308	88.9893	-656.7	QAL	5.22	2.38	0.86	0.456	2.783	6.101	1279.	41.	6.	761.2	31.0	1
1451	0	356	37.6308	88.9901	-656.7	QAL	7.68	1.68	0.93	0.219	1.803	8.233	1310.	30.	4.	761.2	31.0	1
1452	0	368	37.6308	88.9907	-661.7	PPAB	5.63	2.02	0.89	0.358	2.264	6.316	1322.	45.	5.	760.2	31.0	1
1453	0	352	37.6308	88.9914	-654.5	PPAB	5.19	2.29	0.73	0.441	3.128	7.093	1339.	41.	4.	760.2	30.9	1
1454	0	360	37.6308	88.9921	-655.7	PPAB	4.99	2.16	1.11	0.433	1.942	4.483	1448.	39.	6.	759.7	31.0	1
1455	0	352	37.6308	88.9928	-661.2	PPAB	5.78	3.31	0.90	0.572	3.684	6.444	1422.	31.	3.	759.2	31.0	1
1456	0	352	37.6309	88.9935	-654.7	PPAB	7.92	2.23	0.95	0.282	2.358	8.361	1424.	42.	6.	760.2	31.1	1
1457	0	384	37.6309	88.9942	-653.5	PPAB	6.49	1.60	1.11	0.247	1.450	5.865	1409.	39.	9.	761.2	31.1	1
1458	0	420	37.6309	88.9949	-656.2	PPAB	6.07	3.08	0.97	0.507	3.169	6.253	1611.	39.	7.	761.2	31.0	1
1459	0	404	37.6309	88.9956	-652.2	PPAB	7.16	2.79	1.00	0.389	2.797	7.183	1540.	48.	10.	760.7	31.0	1
1460	0	392	37.6309	88.9962	-654.2	PPAB	5.97	3.80	0.94	0.637	4.063	6.380	1588.	32.	9.	759.7	31.0	1
1461	0	384	37.6309	88.9969	-657.2	PPAB	6.82	3.70	1.04	0.543	3.555	6.553	1554.	44.	7.	759.2	31.0	1
1462	0	380	37.6309	88.9976	-654.7	PPAB	5.73	2.01	1.09	0.350	1.834	5.241	1574.	39.	8.	759.2	31.1	1
1463	0	388	37.6309	88.9984	-653.2	PPAB	7.79	2.70	1.04	0.346	2.588	7.471	1598.	28.	6.	760.2	31.1	1
1464	0	388	37.6309	88.9990	-653.0	PPAB	7.35	2.70	1.02	0.367	2.635	7.173	1641.	30.	7.	761.2	31.1	1
1465	0	376	37.6309	88.9997	-648.7	QAL	6.38	2.73	1.16	0.429	2.361	5.509	1569.	45.	5.	761.8	31.1	1
1466	0	380	37.6309	89.0005	-646.7	QAL	5.58	2.72	1.01	0.487	2.704	5.549	1535.	38.	5.	760.7	31.0	1
1467	0	384	37.6309	89.0011	-648.5	QAL	4.89	2.97	1.15	0.608	2.587	4.256	1458.	45.	6.	759.7	31.0	1
1468	0	364	37.6309	89.0018	-651.7	QAL	5.54	2.27	0.95	0.410	2.390	5.835	1415.	41.	4.	759.7	31.0	1
1469	0	400	37.6309	89.0025	-648.5	QAL	8.51	1.66	1.18	0.195	1.410	7.240	1584.	34.	6.	759.7	31.0	1
1470	10	388	37.6309	89.0032	-645.7	QAL	6.77	1.27	1.20	0.0	0.0	5.645	1635.	36.	9.	759.7	31.0	1
1471	0	376	37.6309	89.0039	-650.5	QAL	5.12	1.46	1.26	0.286	1.159	4.056	1538.	43.	8.	761.2	30.9	1
1472	0	368	37.6310	89.0045	-652.2	PPAB	6.65	2.37	1.00	0.356	2.379	6.682	1519.	40.	8.	762.3	31.0	1
1473	10	376	37.6310	89.0053	-644.2	PPAB	4.29	0.66	1.27	0.0	0.0	3.369	1417.	59.	13.	761.2	30.9	1
1474	10	360	37.6310	89.0059	-644.2	PPAB	6.33	0.97	1.10	0.0	0.0	5.728	1477.	28.	12.	761.2	31.0	1
1475	0	384	37.6310	89.0066	-646.5	PPAB	7.97	2.17	1.16	0.272	1.863	6.848	1490.	32.	7.	760.7	31.0	1
1476	0	396	37.6310	89.0073	-641.5	PPAB	6.52	2.00	1.04	0.307	1.933	6.290	1480.	41.	11.	758.7	31.0	1
1477	0	400	37.6310	89.0080	-642.2	PPAB	6.73	2.08	1.05	0.310	1.975	6.379	1555.	47.	10.	758.7	31.0	1
1478	0	372	37.6310	89.0087	-646.0	PPAB	6.59	2.81	0.86	0.426	3.272	7.681	1412.	42.	10.	759.7	31.0	1
1479	0	360	37.6310	89.0094	-640.0	PPAB	6.94	2.35	0.88	0.339	2.687	7.927	1379.	40.	7.	759.7	31.1	1
1480	0	332	37.6310	89.0101	-636.7	PPAB	6.88	3.53	0.95	0.513	3.726	7.264	1396.	37.	1.	760.7	31.1	1
1481	0	316	37.6310	89.0108	-634.5	PPAB	3.16	1.53	0.98	0.485	1.556	3.210	1296.	46.	11.	762.8	31.1	1
1482	10	328	37.6310	89.0115	-635.5	QAL	7.42	0.93	1.04	0.0	0.0	7.149	1292.	43.	5.	762.8	31.1	1
1483	10	364	37.6310	89.0122	-640.0	QAL	4.84	1.04	0.88	0.0	0.0	5.505	1264.	45.	9.	761.8	31.0	1
1484	0	352	37.6310	89.0128	-638.2	QAL	4.67	2.48	0.88	0.531	2.830	5.332	1232.	44.	5.	760.7	31.0	1

*	TAGS		* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1485	0	352	37.6310	89.0135	-634.0	QAL	4.34	1.34	0.86	0.308	1.552	5.039	1099.	38.	3.	760.7	31.0	1
1486	0	372	37.6310	89.0142	-633.5	QAL	4.13	2.07	0.83	0.502	2.502	4.982	1035.	39.	4.	760.7	31.0	1
1487	0	384	37.6310	89.0149	-634.0	PPAB	4.70	2.46	0.60	0.522	4.073	7.799	1086.	43.	2.	759.7	31.0	1
1488	0	428	37.6311	89.0156	-633.5	PPAB	5.77	2.08	0.93	0.361	2.247	6.230	1244.	40.	0.	759.7	31.0	1
1489	0	380	37.6311	89.0163	-636.0	PPAB	5.95	2.87	0.86	0.482	3.316	6.882	1217.	33.	0.	760.7	31.0	1
1490	0	352	37.6311	89.0170	-636.7	PPAB	5.22	3.40	0.76	0.652	4.465	6.846	1279.	48.	2.	759.7	31.0	1
1491	0	344	37.6311	89.0177	-634.7	PPAB	6.63	2.22	0.84	0.334	2.636	7.883	1353.	48.	4.	760.7	31.0	1
1492	0	336	37.6311	89.0184	-628.7	PPAB	8.22	1.58	0.85	0.192	1.859	9.700	1411.	38.	3.	761.8	31.0	1
1493	0	352	37.6311	89.0191	-627.5	PPAB	6.09	2.80	0.93	0.459	3.017	6.567	1458.	53.	3.	761.8	31.0	1
1494	0	348	37.6311	89.0198	-633.0	PPAB	7.86	3.23	1.08	0.411	2.994	7.278	1528.	44.	5.	761.8	31.0	1
1495	0	360	37.6311	89.0205	-633.5	PPAB	7.03	2.49	1.29	0.355	1.939	5.464	1605.	44.	6.	761.8	31.0	1
1496	0	348	37.6312	89.0212	-632.2	PPAB	8.05	2.57	1.11	0.319	2.320	7.279	1664.	37.	7.	761.8	31.0	1
1497	0	348	37.6312	89.0219	-636.0	PPAB	8.64	2.85	1.07	0.330	2.666	8.078	1669.	40.	6.	761.2	31.0	1
1498	0	360	37.6312	89.0225	-633.0	PPAB	7.64	2.35	1.22	0.308	1.922	6.241	1728.	40.	9.	760.7	31.0	1
1499	0	352	37.6312	89.0232	-627.0	PPAB	6.74	2.52	1.26	0.374	2.001	5.344	1658.	39.	8.	759.7	31.0	1
1500	0	352	37.6311	89.0239	-628.7	PPAB	7.62	2.06	1.41	0.271	1.464	5.411	1685.	38.	4.	759.7	31.0	1
1501	0	352	37.6311	89.0246	-633.2	PPAB	6.94	1.50	1.09	0.216	1.376	6.386	1659.	40.	8.	759.7	31.0	1
1502	0	360	37.6311	89.0254	-631.2	PPAB	7.83	4.11	1.28	0.525	3.222	6.139	1786.	32.	4.	759.7	31.0	1
1503	10	372	37.6311	89.0260	-631.5	PPAB	7.09	0.44	1.29	0.0	0.0	5.510	1641.	42.	8.	760.2	31.0	1
1504	0	384	37.6312	89.0267	-633.2	PPAB	7.23	4.10	1.32	0.568	3.110	5.480	1613.	50.	4.	759.7	31.0	1
1505	0	376	37.6312	89.0274	-629.0	QAL	5.60	4.50	1.13	0.804	3.987	4.961	1622.	36.	2.	760.7	31.0	1
1506	0	392	37.6312	89.0281	-629.0	QAL	6.95	2.29	1.14	0.329	2.011	6.110	1587.	34.	5.	761.8	31.1	1
1507	0	400	37.6312	89.0288	-637.7	QAL	6.48	4.10	1.13	0.633	3.615	5.716	1586.	34.	5.	761.8	31.0	1
1508	0	404	37.6312	89.0295	-635.5	PPAB	5.22	3.02	1.07	0.579	2.810	4.858	1534.	45.	6.	761.8	31.0	1
1509	0	396	37.6312	89.0302	-631.0	PPAB	5.78	3.58	0.68	0.619	5.240	8.465	1408.	40.	3.	761.8	31.0	1
1510	10	348	37.6312	89.0308	-634.0	PPAB	5.02	1.11	0.82	0.0	0.0	6.108	1227.	43.	7.	760.7	31.0	1
1511	0	332	37.6312	89.0315	-632.7	PPAB	6.37	2.17	0.99	0.340	2.181	6.411	1221.	32.	7.	760.7	31.1	1
1512	0	324	37.6313	89.0322	-633.7	PPAB	5.50	2.19	0.86	0.398	2.550	6.413	1288.	40.	10.	760.7	31.1	1
1513	0	324	37.6313	89.0329	-638.7	PPAB	4.81	3.54	0.81	0.737	4.383	5.946	1324.	39.	7.	759.2	31.1	1
1514	0	320	37.6312	89.0337	-637.2	PPAB	5.29	1.66	0.97	0.314	1.709	5.445	1357.	44.	13.	759.7	31.1	1
1515	0	332	37.6312	89.0343	-635.5	PPAB	5.81	1.54	0.94	0.266	1.651	6.213	1312.	44.	13.	759.7	31.2	1
1516	10	336	37.6312	89.0350	-639.0	PPAB	5.38	0.21	0.97	0.0	0.0	5.524	1351.	40.	15.	758.7	31.2	1
1517	0	344	37.6312	89.0357	-642.2	PPAB	6.22	2.31	0.85	0.372	2.719	7.302	1319.	38.	14.	758.7	31.1	1
1518	0	368	37.6312	89.0364	-640.5	PPAB	8.10	1.69	0.94	0.209	1.808	8.643	1498.	35.	14.	759.7	31.1	1
1519	0	388	37.6312	89.0371	-637.5	PPAB	6.42	1.82	1.20	0.283	1.509	5.328	1716.	36.	12.	759.7	31.0	1
1520	0	368	37.6313	89.0378	-642.2	PPAB	7.45	3.63	1.08	0.487	3.369	6.916	1633.	35.	10.	760.7	31.0	1
1521	0	372	37.6313	89.0385	-641.0	PPAB	6.22	1.51	1.47	0.243	1.027	4.227	1650.	40.	10.	761.8	31.0	1
1522	0	364	37.6313	89.0391	-636.2	PPAB	6.77	3.90	1.22	0.576	3.206	5.569	1663.	41.	5.	761.8	31.0	1
1523	0	328	37.6313	89.0398	-649.7	PPAB	6.78	3.07	1.24	0.452	2.470	5.458	1642.	48.	5.	760.7	31.0	1
1524	0	332	37.6313	89.0405	-652.7	PPAB	9.28	4.29	1.11	0.462	3.877	8.388	1747.	32.	0.	760.7	31.0	1
1525	0	324	37.6313	89.0412	-640.0	PPAB	6.05	4.32	1.08	0.713	4.015	5.629	1671.	48.	1.	759.7	31.0	1
1526	0	328	37.6313	89.0419	-643.0	PPAB	8.48	3.37	1.18	0.398	2.863	7.195	1709.	48.	0.	760.7	31.0	1
1527	0	336	37.6313	89.0426	-650.5	PPAB	7.61	3.54	1.18	0.466	2.994	6.431	1766.	38.	0.	761.8	31.0	1
1528	0	332	37.6313	89.0434	-647.7	PPAB	8.31	2.33	1.21	0.280	1.919	6.849	1628.	50.	2.	760.7	31.0	1
1529	0	332	37.6313	89.0439	-649.5	PPAB	7.33	3.31	1.22	0.451	2.707	6.006	1662.	41.	4.	759.7	31.0	1
1530	0	320	37.6313	89.0447	-653.2	PPAB	7.87	3.39	1.03	0.431	3.299	7.650	1694.	31.	5.	759.7	31.0	1
1531	0	320	37.6313	89.0454	-653.2	PPAB	7.81	1.67	1.40	0.214	1.189	5.562	1720.	41.	7.	759.7	31.0	1
1532	0	320	37.6313	89.0461	-655.7	PPAB	6.89	4.12	1.05	0.598	3.944	6.596	1661.	40.	4.	759.7	31.0	1
1533	0	320	37.6313	89.0468	-654.2	PPAB	7.48	1.78	1.49	0.238	1.194	5.018	1643.	38.	7.	759.7	31.0	1
1534	0	328	37.6313	89.0474	-656.7	PPAB	7.70	2.04	1.24	0.265	1.648	6.209	1708.	37.	6.	759.7	31.0	1
1535	0	296	37.6313	89.0482	-664.2	PPAB	7.74	3.83	1.06	0.495	3.616	7.304	1608.	37.	7.	760.2	31.0	1
1536	0	332	37.6314	89.0488	-664.0	PPAB	8.15	2.12	1.20	0.261	1.765	6.772	1661.	37.	5.	760.2	30.9	1
1537	0	340	37.6314	89.0495	-665.7	PPAB	8.96	3.08	1.17	0.344	2.645	7.682	1734.	30.	6.	759.7	31.0	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1538	10	332	37.6314	89.0502	-672.2	PPAB	7.56	1.29	1.35	0.0	0.0	5.592	1671.	37.	8.	760.7	31.0	1
1539	0	332	37.6314	89.0509	-673.7	PPAB	6.93	1.98	1.21	0.286	1.633	5.704	1680.	35.	5.	762.3	31.0	1
1540	0	336	37.6314	89.0516	-674.2	PPAB	7.47	1.90	0.96	0.254	1.977	7.771	1584.	41.	7.	761.2	31.0	1
1541	0	340	37.6314	89.0522	-674.5	PPAB	8.75	2.90	1.10	0.331	2.643	7.979	1673.	35.	5.	760.2	31.0	1
1542	0	344	37.6314	89.0530	-673.0	PPAB	6.21	3.11	1.01	0.501	3.069	6.128	1570.	39.	9.	761.2	31.0	1
1543	0	332	37.6314	89.0537	-678.0	PPAB	7.12	1.83	1.13	0.256	1.623	6.332	1595.	31.	9.	761.8	31.0	1
1544	0	336	37.6315	89.0544	-674.5	PPAB	7.44	3.42	1.13	0.460	3.021	6.571	1652.	37.	8.	760.7	31.0	1
1545	0	332	37.6315	89.0550	-670.5	PPAB	6.91	2.04	1.28	0.296	1.599	5.405	1664.	33.	11.	760.7	31.0	1
1546	0	332	37.6315	89.0557	-682.2	PPAB	6.73	3.05	0.99	0.453	3.083	6.804	1656.	39.	10.	759.7	31.0	1
1547	0	332	37.6315	89.0564	-689.0	PPAB	7.66	2.79	1.14	0.364	2.446	6.721	1642.	38.	6.	758.7	31.1	1
1548	0	328	37.6315	89.0571	-680.5	PPAB	7.37	1.85	1.34	0.251	1.383	5.504	1661.	48.	10.	759.2	31.1	1
1549	0	320	37.6315	89.0578	-683.7	PPAB	5.65	3.09	0.91	0.548	3.402	6.210	1491.	41.	9.	759.2	31.0	1
1550	0	292	37.6315	89.0584	-694.0	PPAB	5.14	1.84	0.81	0.357	2.258	6.321	1278.	39.	10.	759.2	31.1	1
1551	0	304	37.6315	89.0591	-694.5	PPAB	6.58	1.63	0.83	0.248	1.972	7.949	1333.	41.	8.	759.7	31.1	1
1552	0	288	37.6315	89.0598	-692.0	PPAB	7.34	1.98	0.77	0.270	2.568	9.516	1310.	47.	5.	759.7	31.1	1
1553	0	284	37.6315	89.0605	-693.5	PPAB	5.53	2.46	1.02	0.445	2.407	5.407	1320.	44.	8.	759.7	31.1	1
1554	0	288	37.6316	89.0612	-698.0	PPAB	5.02	2.59	0.60	0.515	4.289	8.321	1278.	29.	2.	759.7	31.2	1
1555	0	296	37.6316	89.0619	-697.5	PPAB	5.78	2.49	0.91	0.430	2.743	6.376	1347.	30.	4.	759.7	31.2	1
1556	0	316	37.6316	89.0625	-699.2	PPAB	7.96	1.99	0.81	0.250	2.455	9.821	1280.	33.	0.	760.7	31.2	1
1557	0	332	37.6316	89.0632	-707.7	PPAB	4.24	1.77	0.88	0.418	2.002	4.795	1290.	41.	5.	761.8	31.2	1
1558	0	344	37.6316	89.0639	-710.0	PPAB	3.19	3.09	1.07	0.966	2.895	2.996	1326.	34.	2.	761.2	31.2	1
1559	0	352	37.6316	89.0645	-707.2	PPAB	7.09	2.42	0.86	0.341	2.820	8.282	1325.	43.	0.	761.2	31.2	1
1560	0	360	37.6316	89.0652	-714.5	PPAB	6.63	2.44	0.82	0.368	2.979	8.087	1237.	36.	1.	761.2	31.2	1
1561	0	356	37.6316	89.0659	-720.7	PPAB	4.20	1.77	0.85	0.422	2.078	4.930	1145.	46.	4.	760.7	31.2	1
1562	0	328	37.6316	89.0666	-714.5	PPAB	4.35	3.74	0.88	0.861	4.259	4.947	1291.	41.	1.	760.7	31.2	1
1563	0	324	37.6316	89.0673	-717.0	PPAB	3.89	2.93	0.91	0.755	3.233	4.284	1332.	39.	3.	760.7	31.2	1
1564	0	344	37.6317	89.0679	-723.0	PPAB	5.29	2.77	1.18	0.524	2.342	4.472	1337.	28.	0.	759.7	31.3	1
1565	0	356	37.6317	89.0686	-717.5	PPAB	6.67	2.59	0.96	0.389	2.693	6.921	1435.	39.	4.	758.7	31.2	1
1566	0	372	37.6317	89.0693	-720.7	PPAB	6.82	2.41	1.16	0.353	2.078	5.880	1521.	26.	6.	759.7	31.2	1
1567	10	368	37.6317	89.0700	-730.7	PPAB	7.59	0.95	1.09	0.0	0.0	6.937	1540.	25.	5.	759.7	31.2	1
1568	0	364	37.6317	89.0707	-730.2	PPAB	6.58	2.72	1.07	0.413	2.540	6.148	1536.	34.	6.	758.7	31.2	1
1569	0	364	37.6317	89.0713	-731.0	PPAB	5.55	1.74	1.20	0.313	1.444	4.611	1550.	26.	9.	758.7	31.2	1
1570	10	364	37.6317	89.0720	-737.7	PPAB	7.06	0.51	0.91	0.0	0.0	7.794	1425.	43.	9.	759.7	31.2	1
1571	10	336	37.6317	89.0727	-739.0	PPAB	6.47	0.80	0.97	0.0	0.0	6.686	1326.	35.	10.	760.7	31.2	1
1572	10	308	37.6317	89.0734	-740.0	PPAB	6.59	1.15	1.14	0.0	0.0	5.765	1396.	30.	9.	760.7	31.2	1
1573	0	316	37.6317	89.0741	-740.7	PPAB	5.03	1.88	0.96	0.373	1.953	5.239	1348.	44.	8.	760.7	31.1	1
1574	0	320	37.6318	89.0748	-739.7	PPAB	6.61	2.31	0.89	0.349	2.588	7.415	1359.	46.	8.	760.7	31.2	1
1575	0	332	37.6318	89.0754	-742.5	PPAB	7.64	1.38	1.04	0.181	1.334	7.358	1484.	38.	8.	761.8	31.2	1
1576	10	328	37.6318	89.0761	-747.7	PPAB	6.24	0.38	0.99	0.0	0.0	6.274	1425.	39.	11.	761.8	31.2	1
1577	10	344	37.6318	89.0768	-751.0	PPAB	7.85	1.17	1.00	0.0	0.0	7.830	1520.	43.	6.	761.8	31.2	1
1578	0	328	37.6318	89.0774	-754.2	PPAB	6.86	2.09	0.92	0.304	2.272	7.466	1397.	37.	12.	762.8	31.2	1
1579	10	332	37.6319	89.0782	-757.7	PPAB	7.06	1.15	1.17	0.0	0.0	6.012	1518.	34.	11.	761.8	31.2	1
1580	0	316	37.6319	89.0789	-754.7	PPAB	8.31	1.64	0.92	0.197	1.788	9.075	1561.	36.	8.	760.7	31.2	1
1581	0	352	37.6319	89.0796	-756.7	PPAB	8.23	2.45	1.05	0.298	2.346	7.871	1577.	44.	9.	760.7	31.2	1
1582	0	360	37.6319	89.0802	-760.7	PPAB	8.21	2.01	0.96	0.245	2.092	8.534	1595.	46.	7.	760.7	31.2	1
1583	0	352	37.6319	89.0809	-757.7	PPAB	6.15	2.97	1.10	0.483	2.690	5.567	1665.	33.	10.	760.2	31.2	1
1584	0	348	37.6319	89.0816	-761.2	PPAB	7.28	2.46	1.12	0.338	2.202	6.507	1577.	35.	8.	760.2	31.2	1
1585	0	356	37.6319	89.0822	-772.0	PPAB	7.26	2.57	1.03	0.353	2.486	7.037	1537.	42.	4.	760.2	31.2	1
1586	0	364	37.6319	89.0830	-772.7	PPAB	8.92	1.81	1.14	0.203	1.584	7.803	1695.	34.	7.	759.7	31.3	1
1587	0	356	37.6319	89.0836	-771.7	PPAB	9.00	3.99	1.16	0.443	3.439	7.757	1752.	38.	0.	759.7	31.3	1
1588	0	352	37.6319	89.0843	-771.7	PPAB	8.66	2.32	1.07	0.268	2.166	8.070	1654.	37.	2.	760.2	31.3	1
1589	0	356	37.6320	89.0850	-774.0	PPAB	5.88	2.60	1.19	0.443	2.180	4.918	1536.	45.	4.	760.2	31.3	1
1590	0	328	37.6320	89.0856	-776.7	PPAB	6.16	3.36	1.14	0.546	2.942	5.390	1506.	40.	0.	761.2	31.2	1

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1591	0	312	37.6320	89.0863	-776.0	PPAB	5.08	2.69	0.95	0.530	2.849	5.378	1424.	45.	3.	761.8	31.2	1
1592	0	300	37.6320	89.0870	-777.7	PPAB	7.33	2.16	1.07	0.295	2.016	6.831	1391.	30.	0.	760.7	31.2	1
1593	0	296	37.6320	89.0877	-780.5	PPAB	6.36	2.16	0.84	0.339	2.571	7.579	1394.	43.	0.	760.7	31.2	1
1594	0	288	37.6320	89.0883	-776.0	PPAB	7.39	1.37	0.98	0.185	1.391	7.516	1441.	37.	1.	761.8	31.2	1
1595	0	280	37.6320	89.0890	-780.0	PPAB	6.01	2.26	0.86	0.376	2.622	6.972	1361.	45.	0.	761.8	31.2	1
1596	0	276	37.6320	89.0897	-789.7	PPAB	3.61	3.19	0.73	0.885	4.387	4.959	1284.	35.	3.	761.8	31.2	1
1597	0	276	37.6320	89.0904	-790.0	PPAB	5.46	2.52	1.03	0.462	2.445	5.288	1430.	39.	3.	762.3	31.2	1
1598	0	292	37.6320	89.0911	-787.2	PPAB	5.50	3.45	0.75	0.627	4.597	7.333	1373.	34.	4.	762.3	31.2	1
1599	0	308	37.6320	89.0917	-790.7	PPAB	6.57	2.55	1.01	0.388	2.513	6.481	1356.	37.	0.	762.3	31.2	1
1600	0	312	37.6320	89.0925	-797.0	QAL	5.92	1.68	0.87	0.284	1.928	6.782	1259.	28.	6.	762.8	31.2	1
1601	0	320	37.6320	89.0931	-799.5	QAL	2.91	1.92	0.89	0.658	2.148	3.264	1123.	31.	7.	761.8	31.2	1
1602	0	356	37.6320	89.0938	-794.0	QAL	3.59	1.45	0.48	0.405	3.014	7.436	884.	42.	5.	761.2	31.2	1
1603	10	412	37.6320	89.0945	-796.0	QAL	1.81	0.04	0.43	0.0	0.0	4.234	540.	44.	9.	761.2	31.2	1
1604	111	412	37.6321	89.0951	-804.0	QAL	0.86	0.72	0.13	0.0	0.0	0.0	330.	41.	7.	761.2	31.2	1
1605	101	416	37.6321	89.0959	-801.2	QAL	0.84	1.55	0.04	0.0	0.0	0.0	315.	25.	4.	761.2	31.2	1
1606	10	416	37.6321	89.0965	-797.7	QAL	2.05	0.78	0.18	0.0	0.0	11.699	328.	33.	4.	761.2	31.2	1
1607	0	416	37.6321	89.0972	-800.0	QAL	1.56	1.62	0.20	1.040	7.918	7.613	452.	34.	1.	761.2	31.2	1
1608	10	380	37.6321	89.0979	-805.2	QAL	2.78	1.05	0.46	0.0	0.0	6.087	695.	38.	5.	760.7	31.2	1
1609	0	368	37.6322	89.0985	-809.7	QAL	3.97	2.69	0.79	0.678	3.413	5.037	1076.	52.	1.	761.2	31.2	1
1610	0	360	37.6322	89.0992	-806.2	QAL	4.90	3.58	0.74	0.731	4.831	6.609	1358.	39.	2.	761.2	31.2	1
1611	10	364	37.6322	89.0999	-807.0	QAL	7.37	0.90	0.97	0.0	0.0	7.598	1407.	36.	3.	761.2	31.2	1
1612	0	368	37.6322	89.1007	-812.7	QAL	5.56	1.59	1.06	0.286	1.505	5.261	1360.	38.	3.	760.2	31.2	1
1613	0	356	37.6322	89.1013	-813.0	QAL	3.64	1.82	0.87	0.500	2.088	4.179	1133.	45.	9.	759.7	31.2	1
1614	0	352	37.6322	89.1020	-810.5	QAL	5.81	1.60	0.72	0.275	2.232	8.107	1107.	41.	7.	760.7	31.2	1
1615	0	340	37.6322	89.1027	-815.0	QAL	3.71	2.85	0.68	0.768	4.159	5.417	1159.	45.	6.	760.7	31.2	1
1616	0	348	37.6322	89.1033	-816.5	QAL	5.29	1.64	0.55	0.310	2.967	9.586	1046.	37.	8.	759.7	31.2	1
1617	0	348	37.6322	89.1040	-814.7	QAL	2.55	1.42	0.77	0.557	1.848	3.315	1018.	39.	8.	760.7	31.2	1
1618	0	324	37.6322	89.1047	-815.2	QAL	5.55	1.98	0.74	0.358	2.634	7.501	1100.	38.	5.	760.2	31.2	1
1619	0	328	37.6323	89.1054	-821.5	PPAB	4.63	1.90	0.83	0.410	2.300	5.603	1095.	37.	4.	759.2	31.1	1
1620	0	340	37.6323	89.1061	-823.0	PPAB	4.14	2.44	0.68	0.589	3.571	6.066	1114.	38.	6.	760.2	31.1	1
1621	0	324	37.6323	89.1067	-822.7	PPAB	5.00	2.40	0.67	0.479	3.549	7.415	1122.	47.	3.	760.7	31.1	1
1622	0	324	37.6323	89.1074	-824.7	PPAB	5.18	2.03	0.79	0.392	2.559	6.530	1252.	41.	0.	760.7	31.1	1
1623	10	320	37.6323	89.1081	-821.7	PPAB	5.87	0.99	0.76	0.0	0.0	7.733	1302.	45.	7.	761.8	31.1	1
1624	0	316	37.6323	89.1088	-825.0	PPAB	7.00	2.15	1.01	0.307	2.135	6.954	1492.	40.	3.	761.8	31.2	1
1625	0	332	37.6323	89.1095	-833.5	PPAB	6.76	2.58	1.09	0.382	2.378	6.225	1585.	46.	5.	761.8	31.2	1
1626	0	332	37.6323	89.1102	-829.0	PPAB	7.22	3.39	1.33	0.469	2.556	5.445	1632.	45.	5.	761.8	31.2	1
1627	0	312	37.6323	89.1108	-826.2	PPAB	6.27	1.67	1.29	0.267	1.299	4.872	1545.	38.	7.	761.8	31.2	1
1628	0	300	37.6323	89.1115	-831.2	PPAB	6.14	1.99	1.18	0.324	1.681	5.185	1615.	43.	6.	761.8	31.2	1
1629	0	292	37.6324	89.1122	-829.7	PPAB	5.98	4.66	0.86	0.779	5.418	6.952	1646.	36.	3.	761.8	31.3	1
1630	0	292	37.6324	89.1129	-834.7	PPAB	6.89	1.84	1.31	0.267	1.402	5.251	1631.	44.	6.	761.2	31.3	1
1631	0	296	37.6324	89.1135	-839.7	PPAB	6.83	3.23	1.24	0.473	2.597	5.492	1738.	32.	7.	761.2	31.3	1
1632	0	308	37.6324	89.1142	-835.0	PPAB	10.12	2.37	1.23	0.234	1.933	8.247	1712.	38.	7.	762.3	31.3	1
1633	0	328	37.6324	89.1149	-837.0	PPAB	6.78	2.75	1.22	0.406	2.253	5.555	1602.	41.	8.	761.8	31.3	1
1634	0	348	37.6324	89.1156	-841.0	PPAB	5.93	4.02	1.18	0.678	3.401	5.018	1727.	38.	9.	760.7	31.2	1
1635	0	356	37.6324	89.1162	-837.2	PPAB	6.17	2.20	1.28	0.357	1.717	4.807	1628.	36.	11.	760.7	31.2	1
1636	0	352	37.6324	89.1169	-833.5	PPAB	7.06	3.47	1.20	0.492	2.887	5.869	1660.	38.	8.	760.2	31.2	1
1637	10	372	37.6324	89.1176	-833.7	PPAB	7.93	0.46	1.25	0.0	0.0	6.356	1645.	33.	11.	758.7	31.1	1
1638	10	404	37.6324	89.1183	-838.2	PPAB	7.93	0.68	1.4[illegible]	0.0	0.0	5.521	1689.	55.	8.	759.7	31.0	1
1639	0	420	37.6325	89.1190	-841.5	PPAB	8.66	2.06	1.10	0.237	1.874	7.902	1685	31.	6.	760.7	31.0	1
1640	0	436	37.6325	89.1197	-839.0	PPAB	6.40	4.23	0.96	0.661	4.398	6.658	1[illegible]	41.	7.	759.7	30.9	1
1641	0	436	37.6325	89.1203	-837.7	PPAB	7.13	3.27	0.89	0.458	3.656	7.987	[illegible]54.	45.	7.	759.7	30.8	1
1642	0	436	37.6325	89.1210	-840.7	PPAB	7.75	3.47	1.14	0.448	3.036	6.777	1636.	45.	2.	758.7	30.8	1
1643	0	440	37.6325	89.1217	-846.0	PPAB	9.81	2.11	1.09	0.215	1.942	9.028	1721.	44.	3.	758.7	30.8	1

* TAGS			* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1644	0	440	37.6325	89.1224	-848.5	PPAB	7.15	2.76	1.30	0.386	2.125	5.507	1786.	43.	5.	759.2	30.8	1
1645	0	404	37.6325	89.1230	-849.0	PPAB	8.51	1.95	1.03	0.229	1.899	8.286	1656.	35.	6.	759.2	30.8	1
1646	0	408	37.6325	89.1237	-848.0	PPAB	7.12	1.57	1.31	0.220	1.199	5.439	1570.	57.	9.	759.2	30.8	1
1647	10	408	37.6325	89.1244	-847.0	PPAB	8.35	1.05	1.41	0.0	0.0	5.922	1638.	34.	7.	760.2	30.8	1
1648	0	436	37.6325	89.1251	-849.7	PPAB	7.30	2.23	1.39	0.305	1.599	5.241	1637.	47.	11.	759.2	30.9	1
1649	10	472	37.6326	89.1257	-854.2	PPAB	10.09	1.67	0.95	0.0	0.0	10.673	1755.	32.	10.	758.7	30.9	1
1650	10	476	37.6326	89.1265	-854.5	PPAB	6.98	1.07	1.41	0.0	0.0	4.946	1725.	45.	14.	759.7	30.9	1
1651	10	480	37.6326	89.1271	-853.7	PPAB	8.49	0.30	1.27	0.0	0.0	6.694	1779.	40.	14.	759.7	30.8	1
1652	0	484	37.6326	89.1279	-852.0	PPAB	7.53	1.96	0.87	0.261	2.258	8.668	1600.	41.	18.	758.7	30.8	1
1653	0	484	37.6326	89.1285	-850.0	PPAB	6.61	3.37	1.10	0.510	3.061	6.008	1676.	63.	17.	758.7	30.8	1
1654	0	480	37.6326	89.1291	-854.5	PPAB	5.60	3.88	1.01	0.692	3.852	5.562	1712.	32.	16.	758.7	30.8	1
1655	10	472	37.6326	89.1299	-856.5	PPAB	10.29	0.14	1.57	0.0	0.0	6.571	1789.	43.	9.	758.7	30.7	1
1656	10	464	37.6326	89.1306	-852.0	PPAB	8.00	0.83	1.28	0.0	0.0	6.253	1722.	45.	13.	758.7	30.8	1
1657	0	460	37.6326	89.1312	-852.7	PPAB	11.12	3.25	1.02	0.292	3.167	10.853	1717.	36.	10.	758.7	30.8	1
1658	0	440	37.6326	89.1319	-859.7	PPAB	7.01	3.06	1.06	0.436	2.872	6.586	1614.	37.	12.	758.7	30.8	1
1659	0	392	37.6327	89.1326	-858.2	PPAB	6.04	2.39	1.23	0.395	1.937	4.905	1468.	47.	10.	758.7	30.8	1
1660	0	384	37.6327	89.1333	-854.7	PPAB	5.72	1.93	1.05	0.336	1.831	5.442	1397.	32.	8.	758.7	30.8	1
1661	10	380	37.6327	89.1339	-855.0	PPAB	5.65	0.55	1.15	0.0	0.0	4.916	1412.	33.	10.	758.7	30.8	1
1662	0	384	37.6327	89.1347	-858.0	PPAB	8.00	2.59	0.73	0.323	3.555	10.999	1396.	34.	7.	758.7	30.8	1
1663	0	392	37.6327	89.1353	-859.0	PPAB	5.36	1.74	0.86	0.325	2.027	6.232	1404.	40.	12.	758.7	30.8	1
1664	0	396	37.6327	89.1360	-861.7	PPAB	8.25	1.49	0.95	0.180	1.558	8.649	1502.	28.	8.	758.7	30.9	1
1665	10	384	37.6327	89.1367	-861.7	PPAB	6.08	0.02	1.01	0.0	0.0	6.007	1398.	40.	15.	759.7	30.9	1
1666	0	376	37.6327	89.1373	-859.0	PPAB	6.31	2.97	0.84	0.471	3.530	7.502	1240.	43.	8.	759.7	30.9	1
1667	10	372	37.6327	89.1380	-864.0	PPAB	4.26	0.94	0.81	0.0	0.0	5.252	1143.	49.	11.	758.7	30.9	1
1668	0	380	37.6327	89.1387	-868.7	PPAB	3.65	3.07	0.55	0.839	5.543	6.607	1102.	33.	6.	759.7	30.9	1
1669	10	404	37.6328	89.1394	-863.2	PPAB	3.13	0.93	0.45	0.0	0.0	6.907	871.	37.	11.	760.7	30.9	1
1670	10	432	37.6328	89.1400	-863.5	PPAB	2.79	0.46	0.37	0.0	0.0	7.590	728.	48.	11.	759.7	30.9	1
1671	0	432	37.6328	89.1408	-866.7	PPAB	2.08	1.94	0.26	0.933	7.477	8.011	654.	35.	9.	759.7	31.0	1
1672	10	432	37.6328	89.1414	-865.2	PPAB	1.37	0.64	0.34	0.0	0.0	4.084	528.	39.	7.	761.8	31.0	1
1673	10	432	37.6328	89.1421	-868.2	QAL	1.40	0.59	0.24	0.0	0.0	5.822	386.	40.	6.	760.7	31.0	1
1674	111	436	37.6329	89.1428	-869.2	QAL	0.63	0.91	0.02	0.0	0.0	0.0	229.	39.	3.	760.7	31.0	1
1675	101	436	37.6329	89.1434	-868.0	QAL	0.41	0.98	0.02	0.0	0.0	0.0	196.	35.	2.	761.8	31.0	1
1676	11	436	37.6329	89.1442	-869.0	QAL	1.80	0.12	-0.03	0.0	0.0	0.0	184.	35.	1.	761.2	31.0	1
1677	110	436	37.6328	89.1448	-870.2	QAL	0.24	0.72	0.19	0.0	0.0	0.0	237.	43.	5.	761.2	31.0	1
1678	100	440	37.6328	89.1455	-868.5	QAL	1.00	1.14	0.33	0.0	3.447	0.0	337.	42.	4.	761.8	31.0	1
1679	10	436	37.6329	89.1462	-865.2	QAL	2.87	0.91	0.45	0.0	0.0	6.372	610.	38.	8.	760.7	31.0	1
1680	10	412	37.6329	89.1468	-867.0	QAL	4.09	1.22	0.67	0.0	0.0	6.081	1024.	36.	6.	760.7	31.1	1
1681	0	396	37.6329	89.1476	-869.0	QAL	5.72	1.51	0.87	0.265	1.732	6.546	1207.	40.	8.	760.7	31.1	1
1682	0	392	37.6329	89.1482	-867.5	QAL	4.76	1.94	0.94	0.406	2.066	5.086	1333.	35.	9.	760.2	31.2	1
1683	0	384	37.6329	89.1489	-869.7	QAL	6.34	1.72	1.03	0.271	1.673	6.179	1309.	45.	7.	759.7	31.2	1
1684	10	364	37.6330	89.1496	-872.7	QAL	4.88	0.64	1.06	0.0	0.0	4.601	1289.	37.	11.	759.7	31.2	1
1685	0	372	37.6329	89.1503	-872.0	QAL	5.30	1.74	1.06	0.329	1.637	4.980	1343.	35.	8.	758.7	31.2	1
1686	0	364	37.6329	89.1509	-873.0	QAL	6.37	2.25	1.24	0.353	1.820	5.152	1479.	29.	11.	758.7	31.2	1
1687	0	364	37.6329	89.1516	-871.7	PPAB	5.76	2.95	1.05	0.513	2.823	5.501	1517.	31.	7.	758.7	31.2	1
1688	0	348	37.6329	89.1524	-867.2	PPAB	6.62	2.46	1.08	0.371	2.272	6.117	1570.	34.	12.	758.7	31.3	1
1689	0	312	37.6330	89.1529	-873.7	PPAB	5.46	4.70	0.69	0.860	6.800	7.908	1501.	47.	6.	758.7	31.3	1
1690	0	300	37.6330	89.1537	-879.2	PPAB	7.20	1.58	0.85	0.219	1.869	8.521	1437.	52.	9.	759.7	31.3	1
1691	10	304	37.6330	89.1544	-880.7	PPAB	8.15	0.19	1.26	0.0	0.0	6.453	1511.	43.	9.	759.7	31.2	1
1692	0	312	37.6330	89.1550	-877.7	PPAB	7.42	2.32	1.11	0.313	2.098	6.703	1519.	52.	5.	760.2	31.3	1
1693	0	308	37.6330	89.1557	-876.2	PPAB	6.13	3.87	1.09	0.632	3.550	5.620	1532.	40	5.	761.2	31.3	1
1694	0	340	37.6330	89.1564	-880.7	PPAB	5.87	3.17	1.33	0.539	2.372	4.398	1607.	41.	6.	761.2	31.3	1
1695	0	364	37.6330	89.1571	-885.2	PPAB	8.80	2.03	1.36	0.231	1.499	6.489	1660.	34.	3.	761.8	31.2	1
1696	0	376	37.6330	89.1577	-886.7	PPAB	7.11	3.00	1.39	0.422	2.152	5.104	1703.	40.	6.	761.8	31.2	1

* ID	TAGS QUAL	ALT	LAT	* LOCATION LONG	MAG	RK.UNIT *	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
1697	0	364	37.6330	89.1585	-881.7	PPAB	9.13	2.80	1.30	0.307	2.155	7.030	1777.	33.	1.	760.7	31.2	1
1698	0	352	37.6330	89.1591	-879.7	PPAB	8.08	2.64	1.21	0.327	2.187	6.679	1699.	45.	5.	760.7	31.2	1
1699	0	352	37.6331	89.1598	-884.5	PPAB	8.83	1.99	1.18	0.225	1.680	7.457	1701.	24.	3.	759.7	31.2	1
1700	0	360	37.6331	89.1605	-885.0	PPAB	7.86	2.68	1.22	0.341	2.207	6.466	1687.	35.	3.	758.7	31.2	1
1701	0	360	37.6331	89.1611	-880.2	PPAB	8.48	2.29	1.28	0.271	1.796	6.639	1712.	33.	4.	759.7	31.2	1
1702	0	352	37.6331	89.1618	-881.7	PPAB	7.12	2.71	1.18	0.381	2.307	6.057	1719.	43.	7.	760.2	31.2	1
1703	0	348	37.6331	89.1625	-885.5	PPAB	9.26	2.11	1.46	0.228	1.444	6.338	1859.	45.	10.	760.2	31.2	1
1704	0	344	37.6332	89.1632	-888.0	PPAB	10.22	1.76	1.30	0.172	1.351	7.860	1859.	47.	10.	761.2	31.3	1
1705	0	340	37.6332	89.1639	-887.2	PPAB	9.35	3.45	1.19	0.369	2.896	7.855	1859.	41.	9.	762.3	31.3	1
1706	0	332	37.6332	89.1645	-885.7	PPAB	8.44	3.02	1.19	0.358	2.550	7.124	1811.	30.	9.	761.8	31.4	1
1707	0	324	37.6332	89.1652	-883.0	PPAB	8.18	2.67	1.54	0.327	1.733	5.303	1859.	48.	6.	760.7	31.3	1
1708	0	312	37.6332	89.1659	-886.0	PPAB	5.31	2.93	1.09	0.553	2.694	4.874	1615.	36.	11.	759.7	31.3	1
1709	0	316	37.6332	89.1666	-891.2	PPAB	5.55	2.81	1.14	0.506	2.469	4.880	1594.	37.	12.	758.7	31.3	1
1710	10	316	37.6332	89.1673	-889.5	PPAB	6.50	0.35	1.14	0.0	0.0	5.708	1489.	37.	10.	758.7	31.3	1
1711	0	312	37.6332	89.1680	-885.2	PPAB	5.45	3.12	0.79	0.572	3.936	6.881	1380.	41.	3.	758.7	31.2	1
1712	0	312	37.6332	89.1686	-885.5	PPAB	5.01	2.65	1.07	0.530	2.483	4.684	1370.	40.	8.	760.7	31.2	1
1713	0	324	37.6332	89.1693	-886.2	PPAB	5.63	2.16	0.92	0.383	2.345	6.122	1333.	35.	7.	761.8	31.2	1
1714	0	340	37.6332	89.1700	-891.5	PPAB	6.68	1.72	0.92	0.258	1.877	7.286	1307.	46.	5.	761.8	31.2	1
1715	0	368	37.6332	89.1707	-892.2	PPAB	3.13	2.50	1.00	0.799	2.501	3.131	1308.	46.	7.	761.2	31.1	1
1716	0	396	37.6332	89.1714	-888.7	PPAB	4.45	3.44	0.90	0.774	3.812	4.923	1349.	55.	4.	760.2	31.1	1
1717	0	388	37.6332	89.1720	-890.0	PPAB	6.06	2.24	1.18	0.370	1.905	5.145	1502.	39.	4.	759.2	31.1	1
1718	0	392	37.6332	89.1727	-890.0	PPAB	6.52	2.62	1.01	0.402	2.590	6.448	1470.	31.	1.	758.7	31.1	1
1719	0	360	37.6333	89.1734	-887.5	PPAB	5.28	3.19	0.95	0.604	3.347	5.543	1389.	41.	1.	758.7	31.1	1
1720	0	368	37.6333	89.1740	-895.7	PPAB	3.92	2.11	1.21	0.537	1.738	3.238	1340.	43.	6.	760.2	31.0	1
1721	0	392	37.6333	89.1747	-899.2	PPAB	3.84	3.00	0.76	0.781	3.931	5.033	1369.	44.	4.	761.2	30.9	1
1722	0	424	37.6333	89.1754	-892.7	PPAB	6.08	1.96	0.83	0.323	2.357	7.293	1426.	38.	7.	761.2	31.0	1
1723	0	428	37.6333	89.1762	-893.2	PPAB	3.88	3.35	0.95	0.864	3.538	4.094	1431.	32.	6.	762.3	31.2	1
1724	0	404	37.6334	89.1768	-898.5	PPAB	5.01	1.87	1.02	0.373	1.828	4.898	1418.	43.	8.	762.3	31.1	1
1725	0	436	37.6333	89.1774	-893.7	PPAB	8.25	2.16	0.79	0.261	2.711	10.380	1420.	40.	5.	760.2	31.0	1
1726	0	464	37.6333	89.1782	-893.5	PPAB	5.24	3.05	1.19	0.582	2.559	4.400	1530.	35.	2.	760.2	31.0	1
1727	0	480	37.6333	89.1788	-897.5	PPAB	5.02	3.50	1.11	0.697	3.149	4.519	1480.	48.	2.	759.7	31.0	1
1728	0	464	37.6333	89.1796	-894.2	PPAB	7.12	3.99	0.94	0.561	4.224	7.535	1464.	24.	0.	758.7	31.0	1
1729	0	408	37.6334	89.1802	-898.7	PPAB	4.66	3.51	1.05	0.754	3.363	4.460	1374.	44.	0.	759.7	31.0	1
1730	0	388	37.6334	89.1809	-901.5	PPAB	4.65	3.33	0.80	0.717	4.166	5.810	1388.	39.	3.	760.7	31.0	1
1731	0	400	37.6334	89.1816	-898.2	PPAB	5.19	4.16	0.95	0.800	4.375	5.467	1495.	32.	6.	760.7	30.9	1
1732	0	412	37.6334	89.1822	-903.5	PPAB	6.60	3.69	1.36	0.558	2.715	4.861	1648.	32.	4.	761.8	31.0	1
1733	0	400	37.6334	89.1829	-905.5	PPAB	7.19	2.60	0.86	0.361	3.023	8.372	1453.	38.	8.	761.8	31.0	1
1734	10	392	37.6335	89.1836	-900.0	PPAB	7.10	0.24	1.13	0.0	0.0	6.281	1470.	42.	14.	759.7	31.1	1
1735	0	400	37.6335	89.1843	-898.0	PPAB	5.47	2.45	0.92	0.448	2.673	5.964	1442.	46.	16.	758.7	31.2	1
1736	10	392	37.6335	89.1850	-904.0	PPAB	5.48	1.25	1.12	0.0	0.0	4.891	1506.	35.	17.	758.7	31.2	1
1737	10	376	37.6335	89.1857	-909.5	PPAB	8.09	0.88	1.05	0.0	0.0	7.696	1482.	48.	16.	758.7	31.1	1
1738	0	388	37.6335	89.1863	-904.7	PPAB	7.67	2.14	1.21	0.279	1.769	6.340	1668.	34.	10.	759.2	31.1	1
1739	0	364	37.6335	89.1870	-899.0	PPAB	8.07	2.66	1.23	0.330	2.155	6.533	1667.	33.	6.	760.2	31.1	1
1740	0	360	37.6335	89.1877	-906.5	PPAB	7.50	2.15	1.23	0.286	1.743	6.088	1630.	40.	4.	761.2	31.1	1
1741	0	380	37.6335	89.1884	-911.7	PPAB	6.48	3.16	1.32	0.487	2.395	4.917	1695.	34.	5.	762.3	31.1	1
1742	0	352	37.6335	89.1891	-904.5	PPAB	6.58	3.93	1.28	0.597	3.073	5.145	1631.	36.	0.	760.2	31.1	1
1743	0	328	37.6335	89.1897	-903.0	PPAB	6.05	2.74	1.15	0.453	2.388	5.269	1647.	49.	1.	758.1	31.1	1
1744	0	336	37.6335	89.1904	-908.5	PPAB	8.63	3.48	1.11	0.403	3.124	7.743	1747.	36.	0.	758.7	31.1	1
1745	0	324	37.6335	89.1911	-908.0	PPAB	10.63	2.03	1.13	0.191	1.791	9.401	1751.	37.	5.	760.7	31.0	1
1746	0	320	37.6335	89.1917	-904.7	PPAB	8.44	1.81	1.39	0.214	1.305	6.086	1658.	41.	6.	761.8	31.0	1
1747	0	288	37.6335	89.1925	-909.7	PPAB	6.54	2.62	1.18	0.400	2.224	5.556	1636.	30.	7.	761.8	31.0	1
1748	0	300	37.6335	89.1931	-909.2	PPAB	4.86	2.99	1.04	0.615	2.863	4.655	1554.	40.	13.	760.7	31.0	1
1749	10	320	37.6336	89.1938	-908.5	PPAB	6.61	1.23	1.12	0.0	0.0	5.925	1586.	38.	13.	759.7	31.0	1

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1750	0	352	37.6336	89.1945	-913.0	PPAB	6.71	1.48	1.05	0.220	1.399	6.363	1568.	36.	13.	758.7	31.0	1
1751	0	344	37.6336	89.1951	-910.2	PPAB	7.08	3.07	1.20	0.433	2.552	5.894	1607.	38.	10.	758.7	31.0	1
1752	0	344	37.6336	89.1958	-913.5	PPAB	7.59	2.76	1.31	0.364	2.109	5.792	1662.	26.	13.	760.7	31.0	1
1753	10	324	37.6336	89.1965	-918.7	PPAB	10.19	0.97	1.21	0.0	0.0	8.426	1588.	36.	10.	761.8	31.0	1
1754	0	316	37.6337	89.1972	-916.2	PPAB	6.98	2.27	1.05	0.326	2.163	6.644	1483.	35.	10.	760.2	31.0	1
1755	0	328	37.6337	89.1979	-916.2	PPAB	7.02	1.44	1.09	0.205	1.316	6.429	1565.	45.	12.	759.2	31.0	1
1756	0	320	37.6337	89.1986	-916.7	PPAB	6.22	2.42	1.15	0.389	2.104	5.404	1547.	31.	11.	759.2	31.0	1
1757	10	328	37.6337	89.1992	-915.0	PPAB	7.06	1.24	1.34	0.0	0.0	5.279	1713.	38.	12.	760.2	31.0	1
1758	0	324	37.6337	89.1999	-914.2	PPAB	7.75	1.76	1.49	0.227	1.181	5.198	1771.	37.	12.	762.3	31.1	1
1759	0	312	37.6337	89.2006	-912.7	PPAB	5.10	3.33	1.36	0.653	2.448	3.748	1695.	34.	8.	762.3	31.0	1
1760	0	320	37.6337	89.2013	-909.0	PPAB	7.08	2.54	1.25	0.358	2.027	5.654	1599.	32.	5.	759.7	31.0	1
1761	0	332	37.6337	89.2020	-912.5	PPAB	7.17	1.43	1.23	0.199	1.155	5.810	1540.	41.	5.	758.7	31.0	1
1762	0	332	37.6337	89.2026	-915.2	PPAB	7.79	2.55	1.20	0.328	2.125	6.486	1564.	37.	6.	759.7	31.1	1
1763	0	336	37.6337	89.2033	-911.7	PPAB	6.52	2.32	1.41	0.356	1.646	4.617	1578.	34.	5.	761.2	31.0	1
1764	0	336	37.6337	89.2040	-917.7	PPAB	5.11	2.57	1.20	0.502	2.130	4.241	1566.	39.	8.	761.2	31.1	1
1765	0	324	37.6337	89.2046	-925.7	PPAB	7.70	1.87	1.44	0.243	1.299	5.342	1639.	25.	7.	760.2	31.1	1
1766	0	356	37.6337	89.2054	-922.2	PPAB	8.57	2.16	1.10	0.252	1.963	7.805	1752.	36.	9.	759.2	31.1	1
1767	0	348	37.6337	89.2061	-920.7	PPAB	8.99	4.22	1.31	0.470	3.224	6.864	1838.	31.	3.	760.7	31.0	1
1768	0	340	37.6337	89.2067	-921.2	PPAB	7.31	3.38	1.05	0.462	3.214	6.960	1699.	39.	8.	761.8	31.0	1
1769	0	336	37.6337	89.2074	-922.5	PPAB	7.85	2.12	1.51	0.270	1.407	5.213	1776.	42.	5.	759.7	31.0	1
1770	0	336	37.6337	89.2080	-922.2	PPAB	7.03	3.76	1.30	0.535	2.890	5.404	1737.	42.	7.	759.7	31.0	1
1771	0	348	37.6336	89.2088	-919.7	PPAB	8.19	2.43	1.37	0.297	1.771	5.965	1774.	36.	6.	761.8	31.0	1
1772	0	360	37.6336	89.2095	-924.7	PPAB	5.84	3.23	1.40	0.554	2.316	4.183	1731.	27.	6.	761.8	31.0	1
1773	0	364	37.6336	89.2101	-926.2	PPAB	6.80	2.66	1.18	0.391	2.250	5.751	1578.	33.	9.	759.2	31.0	1
1774	0	356	37.6336	89.2108	-918.0	PPAB	5.44	1.64	0.97	0.301	1.691	5.616	1316.	38.	6.	760.2	31.0	1
1775	0	396	37.6336	89.2115	-920.2	QAL	6.19	2.28	0.69	0.368	3.287	8.923	1356.	28.	7.	762.3	31.0	1
1776	0	428	37.6336	89.2122	-928.5	QAL	3.66	2.23	0.77	0.610	2.908	4.771	1173.	46.	7.	761.2	31.0	1
1777	0	448	37.6336	89.2128	-924.0	QAL	4.64	1.53	1.03	0.329	1.479	4.494	1224.	41.	9.	759.7	31.0	1
1778	10	480	37.6336	89.2135	-921.5	QAL	4.25	-0.24	1.05	0.0	0.0	4.056	1237.	56.	11.	760.7	31.0	1
1779	0	456	37.6336	89.2142	-930.0	QAL	3.56	1.98	1.01	0.558	1.970	3.532	1281.	33.	14.	761.8	31.1	1
1780	0	408	37.6335	89.2149	-932.5	QAL	4.83	1.74	0.81	0.360	2.148	5.966	1207.	38.	11.	760.7	31.1	1
1781	10	368	37.6335	89.2156	-931.5	QAL	6.50	0.76	0.87	0.0	0.0	7.440	1269.	51.	10.	759.2	31.2	1
1782	0	364	37.6335	89.2162	-929.5	QAL	6.06	1.36	1.07	0.224	1.275	5.683	1312.	35.	8.	760.2	31.3	1
1783	0	352	37.6335	89.2169	-927.7	QAL	6.12	1.58	0.98	0.258	1.613	6.255	1369.	36.	13.	761.2	31.3	1
1784	0	356	37.6335	89.2176	-929.0	PPAB	5.59	1.41	1.04	0.252	1.353	5.363	1403.	46.	10.	759.2	31.3	1
1785	0	348	37.6334	89.2182	-931.5	PPAB	6.03	3.07	1.08	0.509	2.855	5.613	1479.	56.	11.	759.2	31.2	1
1786	0	336	37.6334	89.2190	-929.7	PPAB	6.57	2.35	1.31	0.358	1.797	5.023	1589.	44.	12.	761.2	31.3	1
1787	0	336	37.6334	89.2196	-930.2	PPAB	6.80	1.93	1.19	0.284	1.621	5.704	1650.	42.	8.	760.2	31.3	1
1788	0	348	37.6334	89.2203	-934.7	PPAB	7.28	3.66	1.07	0.502	3.424	6.820	1807.	36.	8.	758.7	31.3	1
1789	0	352	37.6334	89.2210	-930.7	PPAB	9.11	4.76	1.18	0.522	4.028	7.713	1801.	46.	4.	759.7	31.4	1
1790	0	340	37.6334	89.2216	-929.7	PPAB	7.14	4.87	1.38	0.682	3.535	5.181	1791.	37.	2.	760.7	31.4	1
1791	0	336	37.6334	89.2224	-933.0	PPAB	8.39	2.51	1.20	0.299	2.089	6.989	1714.	53.	3.	759.7	31.4	1
1792	0	340	37.6334	89.2230	-930.0	PPAB	8.92	3.27	1.29	0.367	2.534	6.901	1836.	32.	2.	758.7	31.4	1
1793	0	348	37.6334	89.2237	-931.7	PPAB	8.71	3.94	1.53	0.452	2.580	5.702	1868.	33.	1.	759.7	31.4	1
1794	0	348	37.6334	89.2243	-935.0	PPAB	8.18	2.35	1.29	0.288	1.825	6.336	1786.	45.	1.	760.7	31.3	1
1795	0	344	37.6334	89.2250	-930.0	PPAB	8.43	4.00	1.31	0.474	3.060	6.457	1818.	46.	2.	758.7	31.2	1
1796	10	344	37.6333	89.2257	-932.2	PPAB	7.13	1.15	1.55	0.0	0.0	4.616	1694.	45.	7.	758.7	31.3	1
1797	0	348	37.6333	89.2264	-938.5	PPAB	6.62	3.36	1.18	0.508	2.848	5.604	1680.	45.	6.	760.7	31.3	1
1798	0	328	37.6333	89.2271	-934.0	PPAB	4.93	2.85	0.90	0.578	3.163	5.471	1417.	45.	6.	760.7	31.3	1
1799	0	376	37.6333	89.2278	-930.5	PPAB	7.54	1.93	1.08	0.255	1.782	6.976	1483.	41.	10.	758.7	31.3	1
1800	0	404	37.6333	89.2284	-937.0	PPAB	6.97	2.47	1.01	0.355	2.446	6.894	1509.	39.	10.	758.7	31.2	1
1801	0	412	37.6332	89.2291	-942.0	PPAB	7.26	2.55	1.32	0.351	1.927	5.491	1635.	37.	13.	759.2	31.2	1
1802	0	376	37.6332	89.2298	-940.2	PPAB	6.11	2.94	1.09	0.481	2.689	5.594	1620.	31.	12.	758.1	31.2	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1803	0	352	37.6332	89.2304	-941.0	PPAB	7.62	2.04	1.24	0.268	1.640	6.128	1593.	46.	14.	759.2	31.2	1
1804	0	340	37.6332	89.2312	-940.5	PPAB	8.19	3.00	1.17	0.366	2.560	6.994	1736.	34.	8.	760.2	31.2	1
1805	0	328	37.6332	89.2318	-936.2	PPAB	8.60	3.23	1.45	0.375	2.223	5.925	1824.	35.	9.	759.2	31.1	1
1806	0	332	37.6332	89.2325	-940.0	PPAB	8.97	2.26	1.59	0.252	1.423	5.639	1743	32.	3.	758.7	31.1	1
1807	0	352	37.6332	89.2332	-942.0	PPAB	7.96	3.91	1.27	0.492	3.089	6.279	1780.	34.	1.	759.7	31.1	1
1808	0	380	37.6332	89.2338	-936.0	PPAB	7.86	3.31	1.28	0.421	2.584	6.143	1670.	37.	3.	758.7	31.1	1
1809	0	404	37.6332	89.2345	-939.2	PPAB	5.60	3.13	1.16	0.559	2.693	4.819	1512.	47.	2.	758.7	31.0	1
1810	0	416	37.6332	89.2352	-944.5	PPAB	5.85	1.77	0.98	0.303	1.812	5.987	1464.	39.	4.	759.7	31.0	1
1811	0	408	37.6332	89.2359	-940.0	PPAB	6.61	2.99	1.04	0.453	2.881	6.364	1461.	41.	2.	759.7	30.9	1
1812	0	428	37.6331	89.2365	-939.2	PPAB	4.03	3.49	1.27	0.868	2.751	3.170	1438.	59.	3.	758.7	30.9	1
1813	0	408	37.6331	89.2372	-943.2	PPAB	6.53	3.19	0.96	0.488	3.326	6.817	1413.	55.	10.	758.7	30.9	1
1814	10	400	37.6331	89.2379	-938.5	PPAB	6.72	1.19	1.22	0.0	0.0	5.524	1548.	44.	9.	759.7	30.9	1
1815	10	400	37.6331	89.2386	-937.2	PPAB	7.81	1.18	1.33	0.0	0.0	5.867	1639.	46.	7.	758.7	30.8	1
1816	0	396	37.6331	89.2393	-944.7	PPAB	8.55	1.71	1.39	0.200	1.226	6.134	1673.	46.	8.	758.7	30.8	1
1817	0	396	37.6331	89.2399	-946.2	PPAB	5.53	2.61	1.42	0.472	1.839	3.899	1709.	47.	5.	759.7	30.8	1
1818	0	384	37.6330	89.2406	-944.5	PPAB	7.48	3.32	1.35	0.444	2.456	5.536	1699.	46.	5.	759.2	30.8	1
1819	0	400	37.6330	89.2413	-945.0	PPAB	8.55	2.18	1.24	0.254	1.752	6.887	1737.	37.	2.	758.1	30.8	1
1820	0	388	37.6330	89.2420	-939.2	PPAB	6.23	3.47	1.38	0.557	2.507	4.501	1688.	35.	3.	760.2	30.8	1
1821	0	380	37.6330	89.2427	-938.5	PPAB	9.48	1.65	1.37	0.174	1.210	6.936	1691.	36.	1.	760.2	30.9	1
1822	0	392	37.6330	89.2434	-948.0	PPAB	7.94	7.02	0.87	0.885	8.100	9.156	1886.	32.	0.	758.7	31.0	1
1823	0	396	37.6330	89.2440	-952.2	PPAB	7.15	2.94	1.40	0.411	2.102	5.120	1793.	46.	0.	759.7	31.0	1
1824	0	380	37.6330	89.2447	-950.7	PPAB	7.32	4.93	1.45	0.674	3.415	5.068	1835.	42.	0.	760.7	30.9	1
1825	0	384	37.6330	89.2454	-945.2	PPAB	4.49	3.09	1.50	0.688	2.056	2.988	1778.	53.	4.	758.7	30.9	1
1826	0	400	37.6330	89.2460	-946.2	PPAB	5.58	3.97	1.27	0.711	3.119	4.388	1831.	37.	4.	758.7	30.8	1
1827	0	384	37.6330	89.2468	-952.0	PPAB	6.88	3.47	1.37	0.505	2.543	5.041	1745.	46.	0.	760.7	30.8	1
1828	0	376	37.6330	89.2474	-948.2	PPAB	6.12	4.10	1.04	0.670	3.947	5.892	1695.	45.	3.	759.7	30.8	1
1829	0	376	37.6329	89.2481	-945.5	PPAB	4.80	4.56	0.92	0.950	4.956	5.215	1604.	46.	5.	758.7	30.8	1
1830	0	368	37.6329	89.2488	-949.2	PPAB	4.53	2.44	1.09	0.538	2.243	4.167	1457.	49.	9.	759.7	30.8	1
1831	10	376	37.6329	89.2494	-952.7	PPAB	7.97	0.78	1.38	0.0	0.0	5.766	1499.	39.	8.	760.7	30.8	1
1832	0	376	37.6329	89.2502	-952.0	PPAB	5.65	2.38	0.99	0.422	2.406	5.705	1474.	45.	12.	758.7	30.8	1
1833	0	356	37.6329	89.2508	-950.5	PPAB	4.64	2.97	1.24	0.640	2.402	3.751	1523.	36.	10.	758.7	30.8	1
1834	10	340	37.6329	89.2515	-947.0	PPAB	6.26	1.05	1.41	0.0	0.0	4.428	1583.	42.	11.	760.7	30.9	1
1835	10	372	37.6329	89.2522	-950.2	PPAB	6.81	1.26	1.40	0.0	0.0	4.873	1693.	37.	12.	760.2	30.9	1
1836	0	372	37.6329	89.2528	-955.0	PPAB	8.48	2.75	1.32	0.325	2.083	6.410	1819.	36.	11.	758.1	31.0	1
1837	10	372	37.6328	89.2536	-953.0	PPAB	7.27	1.24	1.44	0.0	0.0	5.042	1718.	48.	14.	759.2	31.0	1
1838	0	368	37.6328	89.2542	-952.7	PPAB	5.83	2.47	1.57	0.424	1.574	3.712	1760.	43.	10.	760.2	31.0	1
1839	0	376	37.6328	89.2549	-952.5	PPAB	6.09	3.67	1.48	0.603	2.479	4.111	1760.	39.	10.	758.7	30.9	1
1840	0	384	37.6328	89.2556	-954.5	PPAB	5.78	3.08	1.29	0.532	2.392	4.499	1613.	41.	7.	758.7	30.9	1
1841	0	376	37.6328	89.2562	-958.7	PPAB	6.60	3.22	0.89	0.488	3.609	7.399	1570.	35.	7.	759.7	30.8	1
1842	0	392	37.6328	89.2569	-957.0	PPAB	8.68	2.02	1.04	0.233	1.943	8.354	1482.	39.	1.	758.7	30.8	1
1843	0	400	37.6328	89.2576	-955.7	PPAB	6.60	5.39	0.84	0.817	6.451	7.894	1535.	37.	0.	758.7	30.8	1
1844	0	384	37.6328	89.2583	-955.2	PPAB	6.65	3.19	1.13	0.480	2.826	5.891	1562.	41.	1.	758.7	30.8	1
1845	0	404	37.6327	89.2589	-954.5	PPAB	6.13	4.91	1.21	0.802	4.069	5.075	1692.	35.	2.	758.7	30.9	1
1846	0	400	37.6327	89.2596	-955.7	PPAB	6.28	3.87	1.21	0.616	3.196	5.185	1716.	50.	4.	758.7	30.9	1
1847	0	400	37.6327	89.2603	-952.7	PPAB	6.72	1.50	1.48	0.224	1.015	4.528	1710.	53.	4.	759.7	30.9	1
1848	0	400	37.6327	89.2610	-951.0	PPAB	7.47	3.63	1.29	0.486	2.810	5.783	1766.	37.	2.	758.7	30.9	1
1849	0	408	37.6327	89.2617	-955.5	PPAB	5.66	3.60	1.05	0.636	3.437	5.406	1709.	36.	7.	758.1	30.9	1
1850	0	412	37.6326	89.2623	-958.5	PPAB	8.25	2.73	1.53	0.331	1.779	5.375	1730.	44.	2.	759.2	30.8	1
1851	0	404	37.6326	89.2630	-959.5	PPAB	7.14	2.35	1.42	0.329	1.657	5.041	1706.	37.	3.	758.7	30.8	1
1852	0	412	37.6326	89.2637	-958.5	PPAB	7.42	3.45	1.44	0.464	2.401	5.171	1829.	38.	10.	757.6	30.8	1
1853	10	396	37.6326	89.2644	-957.7	PPAB	9.32	1.53	1.29	0.0	0.0	7.201	1802.	46	12.	759.7	30.8	1
1854	0	388	37.6326	89.2651	-960.0	PPAB	8.09	1.81	1.28	0.224	1.412	6.316	1777.	44.	10.	759.7	30.8	1
1855	0	396	37.6326	89.2657	-960.5	PPAB	8.91	2.85	1.33	0.320	2.151	6.722	1849.	32.	10.	757.6	30.8	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1856	10	388	37.6326	89.2664	-962.0	PPAB	8.73	0.87	1.40	0.0	0.0	6.219	1769.	45.	11.	758.7	30.8	1
1857	0	388	37.6326	89.2671	-960.7	PPAB	7.63	3.44	1.26	0.452	2.740	6.068	1843.	35.	7.	759.7	30.8	1
1858	0	396	37.6326	89.2677	-964.0	PPAB	11.22	3.61	1.20	0.322	3.010	9.362	1900.	30.	7.	758.1	30.8	1
1859	0	392	37.6326	89.2685	-966.0	PPAB	7.30	3.31	1.11	0.453	2.973	6.560	1694.	40.	6.	759.2	30.8	1
1860	0	388	37.6326	89.2691	-962.0	PPAB	7.01	2.87	1.18	0.410	2.442	5.959	1688.	46.	6.	760.2	30.8	1
1861	0	388	37.6325	89.2698	-963.7	PPAB	7.70	2.43	1.40	0.315	1.733	5.496	1656.	48.	5.	759.2	30.8	1
1862	0	380	37.6325	89.2705	-963.0	PPAB	6.31	2.29	1.12	0.363	2.039	5.621	1555.	37.	7.	759.7	30.8	1
1863	0	372	37.6325	89.2711	-960.7	PPAB	6.92	3.00	1.07	0.434	2.795	6.439	1439.	41.	2.	759.2	30.8	1
1864	10	380	37.6325	89.2719	-964.5	PPCV	5.18	0.95	0.82	0.0	0.0	6.299	1169.	41.	8.	759.2	30.8	1
1865	10	428	37.6325	89.2725	-960.7	PPCV	5.38	0.49	0.74	0.0	0.0	7.294	1092.	48.	7.	760.2	30.8	1
1866	0	480	37.6325	89.2732	-957.7	PPCV	4.53	1.77	0.49	0.391	3.597	9.206	881.	41.	8.	758.7	30.8	1
1867	10	524	37.6324	89.2739	-959.5	PPCV	2.08	0.71	0.32	0.0	0.0	6.400	739.	39.	11.	758.7	30.8	1
1868	10	588	37.6324	89.2745	-955.0	PPCV	2.62	0.33	0.35	0.0	0.0	7.490	601.	37.	11.	760.2	30.8	1
1869	110	588	37.6324	89.2752	-958.0	QAL	0.71	-0.35	0.34	0.0	0.0	0.0	449.	36.	11.	759.2	30.8	1
1870	111	584	37.6324	89.2759	-967.2	QAL	1.32	0.10	0.20	0.0	0.0	0.0	389.	42.	9.	759.7	30.8	1
1871	111	584	37.6324	89.2766	-966.7	QAL	0.21	-0.13	0.10	0.0	0.0	0.0	357.	32.	14.	760.2	30.8	1
1872	111	580	37.6324	89.2773	-966.2	QAL	1.43	0.88	0.11	0.0	0.0	0.0	465.	37.	12.	759.2	30.8	1
1873	10	580	37.6324	89.2779	-967.7	QAL	3.63	0.82	0.27	0.0	0.0	13.651	634.	33.	11.	760.2	30.8	1
1874	10	584	37.6324	89.2787	-964.7	QAL	3.72	1.52	0.38	0.0	0.0	9.828	801.	29.	8.	759.7	30.8	1
1875	10	536	37.6324	89.2793	-968.5	QAL	2.16	-0.80	0.48	0.0	0.0	4.522	768.	40.	16.	759.2	30.8	1
1876	10	508	37.6324	89.2799	-970.2	QAL	1.69	1.01	0.63	0.0	0.0	2.669	764.	37.	13.	760.7	30.8	1
1877	0	540	37.6323	89.2807	-965.2	QAL	2.52	2.06	0.25	0.817	8.177	10.014	641.	40.	13.	759.7	30.8	1
1878	100	580	37.6323	89.2813	-963.0	QAL	0.85	1.74	0.25	0.0	6.835	0.0	606.	34.	10.	759.2	30.8	1
1879	110	580	37.6323	89.2821	-963.2	QAL	0.52	0.78	0.30	0.0	0.0	0.0	444.	26.	10.	758.7	30.8	1
1880	110	580	37.6323	89.2827	-967.0	QAL	0.39	1.30	0.31	0.0	0.0	0.0	503.	37.	8.	759.2	30.8	1
1881	101	584	37.6323	89.2833	-972.2	QAL	0.30	1.81	0.10	0.0	0.0	0.0	406.	41.	11.	759.7	30.8	1
1882	10	584	37.6323	89.2841	-973.7	QAL	3.21	-0.86	0.25	0.0	0.0	12.613	519.	39.	11.	759.2	30.8	1
1883	1	584	37.6322	89.2847	-970.7	QAL	2.51	2.63	0.13	1.048	0.0	0.0	714.	34.	12.	759.2	30.8	1
1884	10	584	37.6322	89.2854	-975.5	QAL	3.13	0.77	0.85	0.0	0.0	3.667	881.	44.	15.	759.2	30.8	1
1885	10	588	37.6322	89.2861	-974.5	QAL	2.19	-0.29	0.82	0.0	0.0	2.669	934.	53.	13.	759.7	30.8	1
1886	10	584	37.6322	89.2868	-970.7	PPCV	4.26	1.65	0.89	0.0	0.0	4.807	1186.	51.	18.	759.7	30.8	1
1887	10	580	37.6322	89.2875	-971.5	PPCV	4.89	-0.75	0.93	0.0	0.0	5.246	1139.	39.	15.	759.2	30.8	1
1888	10	580	37.6322	89.2881	-965.5	PPCV	3.66	0.04	1.05	0.0	0.0	3.495	1138.	45.	16.	759.7	30.8	1
1889	10	580	37.6322	89.2888	-968.0	PPCV	5.07	-0.40	0.89	0.0	0.0	5.677	1093.	34.	14.	759.2	30.8	1
1890	10	596	37.6322	89.2895	-977.5	PPCV	3.48	0.31	0.87	0.0	0.0	4.026	1047.	45.	21.	758.7	30.8	1
1891	10	600	37.6322	89.2902	-970.0	PPCV	4.63	-0.32	0.73	0.0	0.0	6.367	944.	57.	16.	759.7	30.8	1
1892	10	600	37.6322	89.2909	-966.7	PPCV	2.41	-0.29	0.73	0.0	0.0	3.303	918.	47.	13.	759.2	30.8	1
1893	10	596	37.6322	89.2915	-974.5	PPCV	3.80	0.25	0.58	0.0	0.0	6.589	895.	37.	16.	758.7	30.7	1
1894	10	596	37.6321	89.2922	-971.7	PPCV	3.33	0.45	0.97	0.0	0.0	3.433	996.	47.	13.	759.2	30.8	1
1895	10	596	37.6321	89.2929	-971.2	PPCV	5.43	-1.47	1.03	0.0	0.0	5.265	1082.	45.	20.	759.2	30.8	1
1896	10	600	37.6321	89.2935	-976.0	PPCV	3.68	0.49	0.72	0.0	0.0	5.114	1174.	43.	12.	759.2	30.8	1
1897	10	596	37.6321	89.2943	-972.5	PPCV	4.27	0.57	1.05	0.0	0.0	4.074	1264.	34.	14.	759.2	30.8	1
1898	0	564	37.6321	89.2949	-973.0	PPCV	5.02	2.03	0.84	0.404	2.419	5.993	1276.	43.	12.	759.7	30.9	1
1899	0	528	37.6320	89.2956	-974.0	PPCV	6.20	3.97	0.82	0.641	4.832	7.537	1251.	50.	6.	759.2	30.9	1
1900	0	500	37.6320	89.2963	-972.7	PPCV	5.14	1.99	0.84	0.386	2.359	6.105	1239.	32.	8.	758.7	31.0	1
1901	10	488	37.6320	89.2969	-977.2	PPCV	5.01	0.40	1.25	0.0	0.0	4.016	1298.	38.	9.	758.7	31.0	1
1902	0	468	37.6320	89.2977	-979.5	PPAB	5.93	2.09	0.83	0.353	2.535	7.177	1246.	35.	6.	758.7	31.0	1
1903	10	460	37.6320	89.2983	-975.5	PPAB	5.62	1.45	0.88	0.0	0.0	6.382	1347.	46.	11.	758.1	31.0	1
1904	0	448	37.6320	89.2990	-975.5	PPAB	5.93	4.39	0.84	0.741	5.216	7.044	1382.	39.	3.	759.2	31.0	1
1905	0	444	37.6320	89.2997	-974.7	PPAB	5.19	2.40	0.99	0.463	2.433	5.258	1489.	28.	10.	758.7	31.0	1
1906	0	436	37.6320	89.3003	-973.0	PPAB	6.21	2.11	0.90	0.340	2.356	6.935	1412.	42.	9.	758.1	31.0	1
1907	10	420	37.6320	89.3010	-976.5	PPAB	5.65	1.34	1.34	0.0	0.0	4.211	1507.	41.	11.	759.2	31.0	1
1908	0	416	37.6320	89.3017	-979.5	PPAB	6.44	1.94	0.96	0.301	2.020	6.717	1424.	49.	12.	758.7	31.0	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1909	0	416	37.6320	89.3024	-979.7	PPAB	5.52	2.01	1.27	0.364	1.580	4.340	1460.	27.	12.	757.6	31.0	1
1910	0	408	37.6319	89.3031	-979.0	PPAB	6.24	1.94	1.12	0.311	1.731	5.572	1438.	38.	10.	758.7	31.1	1
1911	0	404	37.6319	89.3037	-975.2	PPAB	4.42	2.14	1.17	0.484	1.825	3.773	1496.	40.	13.	758.7	31.1	1
1912	0	388	37.6319	89.3044	-972.5	PPAB	6.40	4.09	1.05	0.639	3.886	6.082	1663.	40.	11.	758.1	31.1	1
1913	0	372	37.6319	89.3051	-975.0	PPAB	8.05	2.10	1.46	0.260	1.434	5.505	1675.	54.	10.	758.1	31.0	1
1914	0	364	37.6319	89.3057	-978.5	PPAB	7.57	2.78	1.20	0.367	2.309	6.293	1770.	38.	7.	758.1	31.0	1
1915	0	356	37.6318	89.3064	-978.5	PPAB	8.22	2.95	1.48	0.359	1.989	5.544	1806.	39.	8.	758.1	31.0	1
1916	10	368	37.6318	89.3071	-976.7	PPAB	8.36	1.46	1.48	0.0	0.0	5.660	1878.	39.	11.	758.1	31.0	1
1917	0	352	37.6318	89.3078	-973.5	PPAB	6.70	3.54	1.57	0.528	2.257	4.275	1882.	30.	9.	758.1	31.0	1
1918	0	344	37.6318	89.3085	-973.7	PPAB	8.98	3.66	1.65	0.408	2.219	5.440	1976.	35.	6.	758.1	30.9	1
1919	0	328	37.6318	89.3091	-975.2	PPAB	9.55	2.78	1.35	0.291	2.057	7.071	1836.	42.	9.	758.7	31.0	1
1920	0	324	37.6318	89.3098	-975.5	PPAB	5.85	2.32	1.57	0.397	1.474	3.714	1752.	58.	9.	758.7	31.0	1
1921	0	328	37.6318	89.3105	-977.0	PPAB	7.02	1.60	1.20	0.228	1.339	5.861	1573.	40.	7.	758.7	31.0	1
1922	0	348	37.6317	89.3112	-979.7	PPAB	5.06	1.28	1.27	0.254	1.007	3.971	1506.	39.	7.	758.7	31.0	1
1923	0	388	37.6317	89.3119	-981.0	PPAB	7.07	2.81	1.19	0.398	2.372	5.959	1569.	36.	5.	759.2	31.0	1
1924	0	420	37.6317	89.3125	-981.5	PPCV	5.77	2.38	1.28	0.413	1.863	4.512	1596.	39.	11.	759.2	31.1	1
1925	0	432	37.6317	89.3132	-984.5	PPCV	6.62	2.53	1.32	0.382	1.911	5.007	1655.	40.	13.	758.1	31.0	1
1926	0	412	37.6317	89.3139	-983.2	PPCV	5.35	1.76	1.26	0.328	1.394	4.243	1575.	37.	11.	759.2	31.0	1
1927	10	376	37.6317	89.3146	-981.7	PPAB	6.50	1.43	1.09	0.0	0.0	5.947	1514.	39.	15.	759.2	31.0	1
1928	0	380	37.6317	89.3152	-983.0	PPAB	5.09	1.48	1.26	0.290	1.173	4.038	1535.	43.	13.	759.2	31.0	1
1929	0	396	37.6317	89.3159	-978.0	PPAB	6.50	2.38	1.36	0.366	1.753	4.788	1654.	41.	10.	759.2	31.0	1
1930	0	396	37.6317	89.3166	-974.7	PPAB	6.70	1.85	1.30	0.276	1.421	5.155	1798.	34.	12.	759.2	31.0	1
1931	0	376	37.6317	89.3172	-978.2	PPAB	6.01	4.61	1.17	0.767	3.936	5.130	1803.	48.	9.	758.7	31.0	1
1932	0	364	37.6316	89.3180	-979.0	PPAB	7.63	2.47	1.39	0.324	1.783	5.495	1778.	49.	8.	758.7	31.0	1
1933	0	356	37.6316	89.3186	-979.7	PPAB	6.16	3.25	1.56	0.528	2.082	3.941	1815.	50.	5.	758.7	30.9	1
1934	0	360	37.6316	89.3193	-983.0	PPAB	10.22	2.45	1.47	0.240	1.670	6.969	1763.	39.	2.	758.7	30.9	1
1935	0	356	37.6316	89.3201	-983.0	PPAB	6.37	2.25	1.61	0.354	1.401	3.959	1762.	35.	5.	759.2	30.9	1
1936	0	356	37.6316	89.3206	-985.7	PPAB	4.92	1.70	1.50	0.345	1.130	3.275	1582.	43.	7.	759.2	30.9	1
1937	0	368	37.6315	89.3214	-986.0	PPAB	7.66	2.24	1.15	0.292	1.938	6.628	1646.	32.	7.	758.1	30.9	1
1938	0	376	37.6315	89.3221	-986.0	PPAB	5.76	2.81	1.31	0.487	2.149	4.415	1676.	52.	10.	758.7	30.9	1
1939	0	376	37.6315	89.3227	-987.7	PPAB	8.10	3.80	1.16	0.469	3.283	7.005	1684.	48.	9.	759.7	30.9	1
1940	0	368	37.6315	89.3234	-984.7	PPAB	6.88	3.07	1.45	0.446	2.118	4.754	1702.	38.	9.	758.7	30.8	1
1941	0	352	37.6315	89.3240	-983.2	PPAB	6.83	3.45	1.31	0.505	2.631	5.207	1702.	34.	10.	758.7	30.8	1
1942	0	348	37.6315	89.3247	-985.5	PPCV	6.81	1.85	1.27	0.271	1.458	5.380	1564.	46.	11.	759.2	30.8	1
1943	0	364	37.6315	89.3254	-985.2	PPCV	6.10	2.63	1.19	0.431	2.217	5.143	1707.	31.	9.	759.2	30.8	1
1944	0	360	37.6315	89.3262	-989.5	PPCV	6.68	1.59	0.86	0.238	1.853	7.794	1460.	48.	11.	759.2	30.8	1
1945	10	352	37.6315	89.3269	-989.2	PPCV	5.22	1.20	1.23	0.0	0.0	4.241	1455.	46.	8.	759.2	30.8	1
1946	10	348	37.6315	89.3276	-985.0	PPCV	7.60	1.02	1.00	0.0	0.0	7.634	1376.	38.	6.	759.2	30.8	1
1947	10	360	37.6315	89.3282	-986.7	PPCV	4.28	0.96	1.01	0.0	0.0	4.238	1376.	50.	11.	759.2	30.8	1
1948	0	396	37.6315	89.3289	-990.0	PPCV	5.04	2.92	1.10	0.580	2.666	4.601	1439.	32.	12.	759.2	30.8	1
1949	0	432	37.6315	89.3297	-991.7	PPCV	4.73	2.39	0.84	0.506	2.849	5.636	1342.	43.	12.	759.2	30.8	1
1950	10	428	37.6315	89.3304	-991.5	PPCV	5.53	0.67	0.97	0.0	0.0	5.704	1343.	44.	16.	759.2	30.8	1
1951	10	412	37.6315	89.3311	-989.2	PPCV	5.26	1.12	0.82	0.0	0.0	6.375	1300.	55.	14.	759.2	30.8	1
1952	10	424	37.6315	89.3318	-988.0	PPCV	7.28	-0.15	1.02	0.0	0.0	7.123	1333.	32.	15.	759.2	30.8	1
1953	0	460	37.6315	89.3325	-986.7	PPCV	3.80	2.92	0.68	0.767	4.305	5.612	1331.	28.	17.	758.1	30.8	1
1954	10	492	37.6315	89.3332	-987.2	PPCV	4.32	0.39	1.41	0.0	0.0	3.062	1377.	37.	18.	759.2	30.8	1
1955	0	532	37.6315	89.3339	-986.7	PPCV	5.43	4.33	0.74	0.797	5.839	7.331	1493.	39.	13.	759.2	30.8	1
1956	10	560	37.6314	89.3347	-987.0	PPCV	7.63	1.05	1.17	0.0	0.0	6.496	1580.	52.	14.	758.1	30.8	1
1957	10	532	37.6314	89.3353	-993.2	PPCV	4.42	-0.02	1.02	0.0	0.0	4.313	1386.	40.	17.	758.1	30.8	1
1958	10	524	37.6314	89.3360	-995.7	PPCV	5.79	1.81	0.96	0.0	0.0	6.030	1480.	48.	15.	759.2	30.8	1
1959	0	556	37.6314	89.3368	-986.5	PPCV	4.84	2.70	1.09	0.558	2.468	4.423	1622.	54.	12.	758.1	30.8	1
1960	10	552	37.6314	89.3375	-990.5	PPCV	7.26	0.06	1.61	0.0	0.0	4.523	1638.	44.	14.	759.2	30.8	1
1961	0	520	37.6314	89.3381	-999.0	PPCV	7.11	4.04	1.05	0.568	3.842	6.760	1514.	41.	6.	759.2	30.8	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1962	0	508	37.6314	89.3389	-993.7	PPCV	5.56	2.36	1.18	0.424	2.007	4.731	1592.	39.	10.	759.2	30.8	1
1963	10	532	37.6314	89.3396	-991.5	QAL	7.15	1.26	1.16	0.0	0.0	6.146	1514.	29.	10.	759.2	30.8	1
1964	0	560	37.6314	89.3403	-998.7	QAL	7.29	2.05	1.23	0.281	1.670	5.941	1570.	34.	10.	759.2	30.8	1
1965	0	612	37.6314	89.3410	-994.5	QAL	7.31	2.23	1.43	0.305	1.566	5.125	1650.	38.	8.	758.1	30.8	1
1966	10	620	37.6314	89.3417	-987.0	QAL	6.86	0.77	1.29	0.0	0.0	5.336	1602.	39.	14.	759.2	30.8	1
1967	0	620	37.6314	89.3424	-990.7	QAL	5.83	2.68	1.71	0.459	1.565	3.410	1744.	38.	13.	759.2	30.8	1
1968	10	628	37.6314	89.3431	-998.5	QAL	9.13	-0.36	1.73	0.0	0.0	5.264	1653.	38.	14.	758.1	30.9	1
1969	10	628	37.6313	89.3438	-1000.5	QAL	7.43	-0.52	1.43	0.0	0.0	5.200	1588.	51.	16.	759.2	30.8	1
1970	10	628	37.6313	89.3446	-997.2	QAL	6.08	0.72	1.33	0.0	0.0	4.569	1568.	42.	18.	759.2	30.9	1
1971	0	628	37.6313	89.3452	-997.5	QAL	4.53	3.95	1.04	0.871	3.788	4.351	1623.	39.	17.	758.7	30.9	1
1972	0	620	37.6313	89.3459	-997.5	QAL	3.76	4.61	1.00	1.228	4.624	3.766	1611.	41.	15.	758.1	30.9	1
1973	10	580	37.6313	89.3467	-991.7	QAL	6.19	1.27	1.38	0.0	0.0	4.483	1526.	42.	16.	758.1	30.9	1
1974	0	540	37.6313	89.3474	-992.2	QAL	6.60	2.50	1.02	0.379	2.444	6.441	1392.	38.	8.	759.2	30.9	1
1975	0	520	37.6313	89.3481	-1000.5	MCU	3.72	3.30	0.83	0.885	3.953	4.465	1339.	49.	11.	759.2	30.9	1
1976	0	512	37.6313	89.3487	-1002.2	MCU	5.38	2.70	0.95	0.501	2.843	5.671	1335.	26.	6.	759.2	30.9	1
1977	0	492	37.6313	89.3495	-1001.0	MCU	4.76	2.43	1.15	0.512	2.124	4.149	1356.	47.	6.	758.7	30.9	1
1978	0	472	37.6313	89.3502	-1003.0	MCU	5.07	3.24	0.97	0.639	3.351	5.243	1253.	36.	4.	757.6	30.9	1
1979	10	444	37.6313	89.3509	-1004.2	MCU	5.33	1.03	1.08	0.0	0.0	4.926	1317.	41.	8.	758.1	30.9	1
1980	0	408	37.6313	89.3516	-1003.0	MCU	4.64	1.72	0.71	0.371	2.428	6.548	1291.	41.	11.	759.2	30.9	1
1981	10	384	37.6313	89.3523	-994.2	MCU	5.16	0.76	0.69	0.0	0.0	7.512	1224.	34.	15.	758.1	30.8	1
1982	0	352	37.6313	89.3530	-991.7	MCU	3.33	1.31	0.81	0.394	1.618	4.101	1173.	44.	14.	758.1	30.8	1
1983	10	356	37.6312	89.3537	-997.7	MCU	3.97	0.92	1.07	0.0	0.0	3.711	1197.	41.	18.	758.7	30.8	1
1984	0	364	37.6312	89.3545	-999.2	MCU	3.08	2.31	0.94	0.751	2.447	3.260	1190.	38.	14.	757.6	30.8	1
1985	10	376	37.6312	89.3551	-997.2	MCU	4.01	1.24	0.92	0.0	0.0	4.349	1247.	31.	18.	758.1	30.7	1
1986	0	396	37.6312	89.3558	-999.7	MCU	5.63	1.65	0.72	0.293	2.298	7.841	1224.	33.	15.	758.1	30.7	1
1987	0	432	37.6312	89.3566	-1001.5	MCU	4.28	2.34	0.70	0.547	3.335	6.097	1211.	50.	15.	756.1	30.6	1
1988	10	460	37.6312	89.3572	-1004.5	MCU	7.69	0.13	0.76	0.0	0.0	10.184	1283.	40.	13.	757.1	30.6	1
1989	0	488	37.6312	89.3580	-1005.5	MCU	5.30	2.32	1.14	0.439	2.031	4.631	1346.	46.	15.	757.6	30.6	1
1990	10	496	37.6312	89.3586	-1005.2	MCU	5.08	0.91	0.76	0.0	0.0	6.707	1301.	40.	16.	757.1	30.7	1
1991	0	476	37.6312	89.3594	-1008.5	MCU	6.40	2.69	1.01	0.420	2.671	6.362	1392.	41.	10.	758.1	30.6	1
1992	10	464	37.6312	89.3601	-1010.2	MCU	4.70	-0.30	1.08	0.0	0.0	4.360	1252.	36.	13.	757.1	30.6	1
1993	0	456	37.6312	89.3608	-1005.0	MCU	4.95	3.34	0.95	0.674	3.524	5.226	1397.	47.	7.	756.6	30.6	1
1994	10	460	37.6312	89.3615	-998.2	MCU	4.19	0.88	1.36	0.0	0.0	3.091	1428.	55.	12.	758.1	30.6	1
1995	0	480	37.6312	89.3622	-1002.5	MCU	6.07	2.22	1.33	0.366	1.667	4.559	1550.	53.	12.	757.6	30.6	1
1996	0	484	37.6311	89.3629	-1005.5	MCU	5.95	2.40	0.85	0.402	2.807	6.973	1507.	33.	11.	757.6	30.6	1
1997	10	492	37.6311	89.3636	-1001.0	MCU	7.99	1.02	1.10	0.0	0.0	7.256	1544.	51.	13.	757.1	30.6	1
1998	0	476	37.6311	89.3643	-1004.0	PPCV	7.28	3.01	1.22	0.413	2.469	5.973	1628.	48.	7.	757.6	30.7	1
1999	0	468	37.6311	89.3650	-1009.7	PPCV	8.24	3.69	1.18	0.448	3.138	7.004	1665.	41.	10.	758.1	30.8	1
2000	0	460	37.6311	89.3657	-1003.2	PPCV	6.47	3.32	1.17	0.514	2.851	5.552	1729.	39.	11.	757.6	30.7	1
2001	0	432	37.6311	89.3664	-1000.7	PPCV	6.81	3.73	1.11	0.548	3.348	6.107	1609.	41.	11.	757.1	30.7	1
2002	0	416	37.6311	89.3672	-1004.0	PPCV	5.44	2.82	1.20	0.517	2.340	4.522	1628.	47.	8.	757.6	30.8	1
2003	10	396	37.6311	89.3679	-1004.2	PPCV	6.56	0.89	1.19	0.0	0.0	5.516	1402.	43.	9.	758.1	30.8	1
2004	0	428	37.6311	89.3685	-1006.7	PPCV	7.01	2.78	1.06	0.397	2.637	6.644	1551.	47.	7.	757.6	30.9	1
2005	0	444	37.6311	89.3693	-1009.2	PPCV	6.40	1.97	1.22	0.307	1.618	5.263	1533.	43.	8.	757.1	30.9	1
2006	0	464	37.6311	89.3700	-1010.5	PPCV	6.16	1.76	0.97	0.285	1.809	6.336	1523.	39.	7.	757.6	30.9	1
2007	0	456	37.6311	89.3707	-1008.7	PPCV	4.40	2.38	1.23	0.541	1.933	3.570	1526.	42.	3.	757.1	30.8	1
2008	0	448	37.6311	89.3714	-1008.0	MCU	4.99	3.84	1.09	0.768	3.507	4.565	1510.	45.	3.	758.1	30.9	1
2009	0	436	37.6310	89.3721	-1013.0	MCU	7.43	3.12	0.90	0.420	3.486	8.294	1425.	48.	0.	758.7	30.8	1
2010	0	448	37.6310	89.3728	-1009.5	MCU	5.36	3.23	1.04	0.603	3.103	5.142	1415.	35.	3.	757.1	30.8	1
2011	0	460	37.6310	89.3735	-1009.5	MCU	5.92	4.00	0.65	0.675	6.103	9.047	1366.	47.	5.	758.1	30.8	1
2012	0	480	37.6310	89.3742	-1016.2	MCU	4.64	2.05	1.14	0.442	1.802	4.073	1343.	41.	7.	758.1	30.8	1
2013	0	508	37.6310	89.3750	-1013.7	MCU	5.24	2.71	0.84	0.518	3.219	6.219	1290.	34.	12.	757.6	30.8	1
2014	10	536	37.6310	89.3756	-1010.5	MCU	7.01	0.61	0.91	0.0	0.0	7.701	1406.	30.	14.	758.7	30.9	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2015	10	508	37.6310	89.3763	-1012.7	PPCV	6.17	0.42	0.93	0.0	0.0	6.647	1265.	33.	13.	759.2	30.9	1
2016	10	472	37.6310	89.3770	-1010.5	PPCV	5.79	-1.28	1.08	0.0	0.0	5.357	1335.	36.	16.	758.1	31.0	1
2017	0	460	37.6310	89.3777	-1010.7	PPCV	5.88	2.49	1.16	0.424	2.144	5.053	1474.	51.	15.	757.6	31.0	1
2018	0	460	37.6310	89.3784	-1010.2	PPCV	5.85	2.10	1.40	0.358	1.501	4.189	1637.	35.	10.	757.6	31.0	1
2019	0	460	37.6310	89.3791	-1012.0	MCU	6.49	3.76	1.18	0.580	3.189	5.499	1724.	36.	8.	757.1	31.0	1
2020	10	444	37.6310	89.3799	-1013.2	MCU	6.89	0.54	1.19	0.0	0.0	5.778	1641.	32.	12.	757.1	31.0	1
2021	10	456	37.6310	89.3806	-1012.2	MCU	7.48	1.61	1.03	0.0	0.0	7.243	1509.	31.	10.	758.1	31.0	1
2022	10	424	37.6310	89.3813	-1013.2	MCU	6.89	0.68	1.33	0.0	0.0	5.176	1509.	35.	12.	757.1	31.0	1
2023	10	368	37.6309	89.3820	-1015.2	MCU	6.19	1.04	1.10	0.0	0.0	5.616	1448.	32.	7.	757.6	30.9	1
2024	0	368	37.6309	89.3827	-1014.2	MCU	5.48	2.53	1.22	0.461	2.071	4.494	1428.	42.	6.	758.1	31.0	1
2025	10	340	37.6309	89.3834	-1012.2	MCU	6.26	0.49	1.01	0.0	0.0	6.201	1321.	49.	10.	756.6	31.0	1
2026	10	340	37.6309	89.3841	-1008.7	MCU	6.38	0.60	1.02	0.0	0.0	6.280	1412.	43.	9.	757.6	31.0	1
2027	0	348	37.6309	89.3849	-1012.0	MCU	4.36	1.75	0.99	0.400	1.758	4.394	1229.	29.	13.	758.1	31.1	1
2028	0	396	37.6309	89.3855	-1016.2	MCU	3.78	1.57	1.15	0.416	1.363	3.276	1288.	44.	15.	757.6	31.0	1
2029	10	432	37.6309	89.3862	-1013.7	MCU	4.91	-0.29	0.89	0.0	0.0	5.511	1325.	35.	16.	758.1	31.0	1
2030	10	464	37.6309	89.3869	-1014.0	MCU	4.54	1.20	0.96	0.0	0.0	4.737	1271.	44.	15.	757.1	31.0	1
2031	10	500	37.6309	89.3876	-1016.0	MCU	4.89	0.66	0.83	0.0	0.0	5.889	1319.	29.	18.	757.1	31.0	1
2032	0	500	37.6309	89.3884	-1014.0	MCU	5.30	2.22	0.76	0.420	2.933	6.981	1331.	43.	18.	758.1	31.0	1
2033	10	472	37.6309	89.3890	-1010.0	MCU	5.79	-0.14	0.94	0.0	0.0	6.166	1202.	46.	17.	757.6	30.9	1
2034	10	492	37.6309	89.3898	-1006.2	MCU	6.20	-1.44	1.29	0.0	0.0	4.824	1329.	47.	22.	758.1	31.0	1
2035	10	452	37.6309	89.3905	-1015.0	MCU	6.96	-0.72	0.95	0.0	0.0	7.347	1235.	35.	18.	757.6	31.0	1
2036	0	420	37.6308	89.3912	-1021.2	MCU	4.22	1.62	0.67	0.384	2.440	6.350	1235.	56.	14.	757.1	31.0	1
2037	0	400	37.6308	89.3918	-1014.7	MCU	3.20	2.85	0.67	0.891	4.264	4.784	1250.	53.	15.	758.1	30.9	1
2038	0	384	37.6308	89.3925	-1014.0	MCU	3.99	2.25	0.87	0.564	2.603	4.614	1213.	38.	14.	757.1	31.0	1
2039	0	412	37.6308	89.3933	-1020.2	MCU	4.33	2.44	0.94	0.563	2.602	4.620	1202.	33.	11.	757.6	31.0	1
2040	0	464	37.6308	89.3940	-1021.0	MCU	4.70	1.93	0.99	0.411	1.944	4.733	1283.	36.	16.	758.7	31.0	1
2041	10	480	37.6308	89.3947	-1021.7	MCU	5.93	0.31	1.09	0.0	0.0	5.453	1295.	35.	15.	756.6	30.9	1
2042	10	496	37.6308	89.3954	-1016.2	MCU	6.27	1.29	0.88	0.0	0.0	7.145	1329.	39.	14.	757.6	30.9	1
2043	0	452	37.6308	89.3961	-1017.7	MCU	4.94	2.62	0.89	0.530	2.960	5.583	1303.	39.	11.	758.1	31.0	1
2044	0	408	37.6308	89.3968	-1025.5	MCU	4.25	3.85	0.67	0.907	5.742	6.332	1327.	37.	8.	755.5	31.0	1
2045	0	436	37.6308	89.3975	-1022.5	MCU	4.88	1.96	0.85	0.401	2.314	5.765	1363.	39.	12.	757.6	31.0	1
2046	0	384	37.6308	89.3983	-1018.5	MCU	5.30	1.46	0.76	0.275	1.906	6.934	1300.	47.	10.	758.7	31.0	1
2047	10	420	37.6308	89.3989	-1021.2	MCU	5.95	0.67	1.10	0.0	0.0	5.415	1372.	35.	10.	757.1	31.0	1
2048	0	448	37.6308	89.3997	-1018.7	MCU	4.64	2.72	0.95	0.587	2.877	4.901	1265.	44.	11.	758.1	31.0	1
2049	10	488	37.6308	89.4004	-1018.0	MCU	5.36	1.43	1.23	0.0	0.0	4.374	1342.	46.	14.	757.6	31.0	1
2050	10	496	37.6308	89.4011	-1016.0	MCU	6.83	0.37	1.21	0.0	0.0	5.627	1414.	37.	11.	756.6	31.0	1
2051	10	484	37.6308	89.4018	-1015.2	MCU	3.11	0.89	1.07	0.0	0.0	2.896	1270.	45.	15.	758.7	30.9	1
2052	0	500	37.6307	89.4024	-1024.5	MCU	4.12	1.87	0.88	0.453	2.131	4.702	1268.	37.	15.	756.6	30.9	1
2053	0	476	37.6307	89.4032	-1022.0	MCU	5.68	1.74	1.03	0.307	1.684	5.493	1362.	32.	13.	756.6	30.9	1
2054	10	472	37.6307	89.4039	-1017.5	MCU	5.58	0.27	0.99	0.0	0.0	5.656	1317.	40.	15.	758.7	31.0	1
2055	0	476	37.6307	89.4046	-1029.7	MCU	3.91	2.59	1.01	0.663	2.563	3.866	1354.	46.	10.	756.6	31.0	1
2056	0	464	37.6307	89.4053	-1027.2	MCU	4.83	2.37	0.90	0.490	2.632	5.370	1464.	45.	15.	757.6	31.0	1
2057	10	444	37.6307	89.4060	-1021.2	MCU	5.29	-0.06	1.20	0.0	0.0	4.420	1429.	43.	17.	758.7	31.0	1
2058	0	416	37.6307	89.4067	-1029.2	MCU	5.97	1.79	0.79	0.300	2.267	7.562	1435.	46.	14.	755.5	31.0	1
2059	10	404	37.6307	89.4074	-1023.7	MCU	4.75	0.48	1.06	0.0	0.0	4.494	1252.	42.	14.	757.1	30.9	1
2060	10	408	37.6307	89.4082	-1019.7	MCU	5.05	1.11	1.03	0.0	0.0	4.897	1342.	45.	14.	758.1	30.9	1
2061	10	424	37.6307	89.4088	-1027.2	MCU	6.02	0.64	0.95	0.0	0.0	6.338	1341.	40.	14.	756.1	30.9	1
2062	0	420	37.6307	89.4095	-1021.7	MCU	5.18	1.62	1.18	0.313	1.368	4.373	1336.	40.	13.	758.1	30.9	1
2063	0	432	37.6307	89.4103	-1021.0	MCU	5.50	2.57	0.73	0.467	3.521	7.538	1346.	41.	13.	758.7	30.8	1
2064	0	472	37.6307	89.4110	-1030.5	MCU	7.46	2.57	1.05	0.345	2.453	7.111	1499.	50.	10.	756.1	30.8	1
2065	10	476	37.6307	89.4117	-1027.5	MCU	7.48	0.54	1.19	0.0	0.0	6.280	1373.	47.	7.	758.1	30.8	1
2066	0	468	37.6307	89.4123	-1023.5	MCU	6.20	3.08	0.79	0.497	3.904	7.849	1327.	47.	8.	758.1	30.8	1
2067	0	480	37.6307	89.4131	-1023.7	MCU	4.97	3.73	0.74	0.750	5.002	6.673	1319.	41.	3.	756.6	30.8	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2068	0	524	37.6307	89.4138	-1026.7		MCU	6.33	1.76	1.09	0.278	1.610	5.793	1380.	36.	9.	758.7	30.8	1
2069	0	552	37.6306	89.4145	-1027.2		MCU	4.99	3.18	0.88	0.637	3.593	5.643	1344.	61.	6.	758.7	30.9	1
2070	0	576	37.6306	89.4152	-1021.5		MCU	3.44	2.59	0.85	0.755	3.035	4.021	1386.	36.	12.	757.6	30.9	1
2071	10	588	37.6306	89.4159	-1019.5		MCU	3.88	0.37	1.39	0.0	0.0	2.793	1405.	54.	16.	758.7	30.9	1
2072	10	596	37.6306	89.4166	-1027.0		MCU	5.32	0.95	1.32	0.0	0.0	4.038	1374.	43.	15.	758.7	30.9	1
2073	10	556	37.6306	89.4173	-1029.2		MCU	6.76	0.44	1.07	0.0	0.0	6.325	1407.	40.	17.	756.6	30.9	1
2074	10	520	37.6306	89.4181	-1025.2		MCU	5.84	0.12	0.92	0.0	0.0	6.331	1378.	30.	12.	758.1	31.0	1
2075	0	460	37.6306	89.4187	-1024.2		MCU	3.08	1.97	0.90	0.641	2.187	3.413	1239.	36.	14.	759.7	31.0	1
2076	0	428	37.6306	89.4194	-1026.5		MCU	5.26	1.86	1.10	0.353	1.687	4.772	1289.	39.	11.	758.7	31.1	1
2077	0	380	37.6306	89.4201	-1025.5		MCU	5.90	1.85	0.71	0.313	2.603	8.311	1234.	35.	7.	758.7	31.1	1
2078	0	396	37.6306	89.4209	-1027.5		MCU	4.66	2.65	0.81	0.568	3.280	5.774	1181.	46.	10.	760.7	31.2	1
2079	10	480	37.6306	89.4216	-1031.2		MCU	6.30	0.93	0.90	0.0	0.0	6.973	1387.	34.	11.	760.2	31.2	1
2080	10	516	37.6306	89.4222	-1027.5		QAL	4.09	1.28	1.41	0.0	0.0	2.905	1507.	39.	12.	759.2	31.3	1
2081	10	548	37.6306	89.4229	-1024.7		QAL	6.50	1.98	1.25	0.0	0.0	5.199	1687.	45.	13.	760.7	31.3	1
2082	0	564	37.6306	89.4237	-1031.7		QAL	5.12	2.45	1.32	0.479	1.854	3.868	1687.	40.	15.	760.7	31.4	1
2083	10	556	37.6306	89.4244	-1037.0		QAL	5.76	0.92	1.48	0.0	0.0	3.878	1669.	51.	13.	759.7	31.5	1
2084	10	552	37.6306	89.4251	-1027.2		QAL	7.22	1.96	1.15	0.0	0.0	6.288	1649.	42.	10.	761.2	31.7	1
2085	10	536	37.6306	89.4258	-1019.7		QAL	6.92	1.58	1.42	0.0	0.0	4.880	1550.	29.	8.	761.2	31.7	1
2086	0	488	37.6305	89.4265	-1025.2		QAL	5.54	2.72	1.27	0.490	2.147	4.378	1342.	40.	10.	759.2	31.7	1
2087	0	484	37.6305	89.4272	-1031.0		QAL	5.44	2.02	0.62	0.370	3.246	8.763	1280.	47.	13.	760.7	31.7	1
2088	10	512	37.6305	89.4280	-1031.0		QAL	6.48	0.20	0.92	0.0	0.0	7.056	1205.	48.	13.	761.8	31.8	1
2089	10	536	37.6305	89.4286	-1027.5		QAL	4.24	1.12	1.17	0.0	0.0	3.630	1361.	38.	14.	759.7	31.8	1
2090	10	436	37.6294	89.4325	-1026.5		QAL	8.47	0.92	1.12	0.0	0.0	7.557	1761.	42.	17.	771.1	24.8	1
2091	0	436	37.6294	89.4332	-1028.7		QAL	9.59	2.02	0.91	0.210	2.227	10.590	1713.	38.	13.	769.5	24.8	1
2092	0	432	37.6293	89.4339	-1026.2		QAL	8.28	3.51	0.93	0.424	3.758	8.863	1714.	34.	9.	770.0	24.8	1
2093	0	412	37.6293	89.4347	-1027.0		QAL	6.40	2.93	0.95	0.459	3.086	6.731	1617.	42.	9.	771.6	24.8	1
2094	0	388	37.6293	89.4354	-1027.7		QAL	8.60	2.95	0.68	0.343	4.318	12.591	1554.	24.	11.	770.5	24.7	1
2095	0	380	37.6293	89.4362	-1027.0		QAL	8.64	2.26	0.64	0.262	3.516	13.409	1549.	31.	8.	770.5	24.7	1
2096	0	384	37.6293	89.4369	-1026.5		QAL	5.80	2.38	1.01	0.411	2.366	5.752	1557.	35.	13.	770.5	24.8	1
2097	0	380	37.6293	89.4376	-1027.5		QAL	7.17	3.05	0.77	0.426	3.985	9.356	1573.	39.	9.	770.0	24.8	1
2098	10	380	37.6293	89.4384	-1027.5		QAL	8.11	0.55	1.07	0.0	0.0	7.543	1585.	35.	13.	771.1	24.8	1
2099	0	388	37.6293	89.4391	-1027.0		QAL	6.00	1.61	0.84	0.268	1.918	7.154	1522.	32.	19.	770.5	24.8	1
2100	0	392	37.6293	89.4398	-1027.7		QAL	8.00	2.24	0.61	0.280	3.669	13.114	1494.	47.	18.	770.0	24.8	1
2101	0	392	37.6293	89.4406	-1027.5		QAL	6.71	1.80	0.74	0.269	2.428	9.030	1449.	42.	21.	770.5	24.8	1
2102	0	388	37.6293	89.4414	-1027.0		QAL	4.99	2.65	0.94	0.532	2.817	5.296	1423.	41.	25.	770.0	24.8	1
2103	10	388	37.6293	89.4420	-1026.5		QAL	7.92	0.01	0.86	0.0	0.0	9.255	1494.	45.	30.	770.5	24.8	1
2104	10	388	37.6293	89.4428	-1026.5		QAL	7.26	-0.19	1.08	0.0	0.0	6.714	1510.	31.	27.	771.6	24.8	1
2105	10	424	37.6293	89.4435	-1026.5		QAL	5.70	0.29	1.01	0.0	0.0	5.650	1507.	37.	31.	770.0	24.8	1
2106	10	444	37.6293	89.4442	-1028.0		QAL	7.72	-0.16	0.92	0.0	0.0	8.413	1548.	29.	30.	769.5	24.8	1
2107	10	440	37.6293	89.4451	-1027.5		QAL	7.20	0.39	0.82	0.0	0.0	8.773	1475.	35.	27.	770.0	24.8	1
2108	0	440	37.6293	89.4458	-1027.0		QAL	5.53	2.93	0.75	0.529	3.884	7.342	1486.	34.	21.	770.5	24.8	1
2109	10	424	37.6293	89.4465	-1026.2		QAL	7.71	1.42	0.91	0.0	0.0	8.522	1540.	39.	19.	770.5	24.8	1
2110	10	404	37.6293	89.4472	-1025.5		QAL	7.03	1.41	0.87	0.0	0.0	8.039	1490.	42.	17.	770.0	24.8	1
2111	0	392	37.6293	89.4479	-1026.0		QAL	6.59	1.65	0.91	0.250	1.816	7.275	1502.	47.	16.	770.0	24.8	1
2112	10	388	37.6293	89.4487	-1025.7		QAL	6.37	1.26	0.82	0.0	0.0	7.771	1439.	39.	16.	770.5	24.8	1
2113	10	396	37.6293	89.4494	-1025.0		QAL	7.69	0.86	0.94	0.0	0.0	8.220	1428.	37.	15.	770.5	24.8	1
2114	10	432	37.6293	89.4501	-1024.2		QAL	9.32	1.55	0.93	0.0	0.0	10.063	1600.	26.	16.	770.0	24.8	1
2115	0	440	37.6293	89.4509	-1025.0		QAL	8.41	3.23	0.82	0.384	3.922	10.203	1674.	41.	15.	770.0	24.8	1
2116	10	440	37.6293	89.4517	-1024.7		QAL	7.68	-0.37	1.18	0.0	0.0	6.504	1583.	41.	20.	770.0	24.8	1
2117	0	440	37.6293	89.4524	-1025.0		QAL	6.95	2.12	1.08	0.305	1.957	6.409	1572.	50.	15.	770.5	24.8	1
2118	0	440	37.6293	89.4531	-1023.7		QAL	7.93	1.95	1.07	0.247	1.832	7.430	1708.	29.	17.	770.0	24.8	1
2119	10	436	37.6293	89.4539	-1023.7		QAL	5.73	1.40	1.43	0.0	0.0	4.015	1669.	39.	11.	770.0	24.8	1
2120	0	436	37.6293	89.4546	-1024.0		QAL	7.77	4.48	0.93	0.577	4.824	8.367	1689.	27.	12.	771.6	24.8	1

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ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2121	0	408	37.6293	89.4553	-1022.5		QAL	5.98	2.48	0.76	0.415	3.279	7.894	1463.	49.	14.	771.1	24.8	1
2122	0	380	37.6293	89.4561	-1023.7		QAL	6.82	2.34	0.86	0.344	2.714	7.901	1539.	36.	15.	770.0	24.8	1
2123	0	376	37.6293	89.4568	-1022.7		QAL	9.48	2.64	0.69	0.278	3.846	13.826	1573.	35.	13.	771.1	24.8	1
2124	0	384	37.6293	89.4575	-1022.0		QAL	6.34	4.02	0.81	0.633	4.988	7.880	1557.	23.	11.	771.1	24.8	1
2125	0	380	37.6293	89.4582	-1022.2		QAL	4.67	3.14	0.93	0.672	3.376	5.021	1437.	41.	18.	770.0	24.8	1
2126	0	376	37.6292	89.4590	-1023.2		QAL	5.96	1.88	0.91	0.316	2.069	6.553	1452.	36.	15.	769.5	24.8	1
2127	0	376	37.6292	89.4598	-1022.7		QAL	7.12	1.73	0.83	0.244	2.090	8.584	1440.	36.	17.	769.0	24.8	1
2128	0	400	37.6292	89.4605	-1022.7		QAL	6.44	2.04	0.68	0.316	2.993	9.460	1495.	46.	19.	771.1	24.8	1
2129	0	432	37.6292	89.4612	-1023.7		QAL	7.18	2.42	0.81	0.338	3.001	8.889	1601.	36.	18.	772.1	24.9	1
2130	0	436	37.6292	89.4620	-1021.0		QAL	6.13	4.73	0.89	0.771	5.326	6.910	1641.	37.	12.	770.5	24.9	1
2131	10	436	37.6292	89.4627	-1017.7		QAL	6.75	1.41	1.22	0.0	0.0	5.546	1591.	48.	15.	769.5	24.9	1
2132	0	436	37.6292	89.4634	-1015.7		QAL	4.52	4.18	1.20	0.924	3.488	3.777	1653.	41.	15.	770.5	24.9	1
2133	0	440	37.6292	89.4642	-1014.0		QAL	9.47	2.83	0.91	0.298	3.120	10.459	1752.	30.	11.	770.5	25.0	1
2134	0	436	37.6292	89.4649	-1012.5		QAL	8.83	2.92	1.00	0.330	2.928	8.866	1775.	40.	13.	770.0	24.9	1
2135	0	440	37.6292	89.4657	-1016.2		QAL	8.60	2.90	1.25	0.337	2.314	6.857	1746.	36.	8.	770.0	25.0	1
2136	0	432	37.6292	89.4664	-1018.5		QAL	8.36	3.11	1.08	0.372	2.897	7.781	1697.	39.	10.	770.0	25.0	1
2137	0	424	37.6292	89.4671	-1018.5		QAL	8.37	2.18	1.03	0.261	2.110	8.090	1563.	36.	10.	769.5	25.0	1
2138	0	404	37.6292	89.4678	-1019.0		QAL	7.48	3.11	0.86	0.416	3.639	8.741	1590.	41.	9.	769.5	25.0	1
2139	10	416	37.6292	89.4686	-1018.5		QAL	8.07	1.59	0.91	0.0	0.0	8.850	1501.	44.	10.	769.5	25.0	1
2140	10	448	37.6292	89.4694	-1018.5		QAL	8.20	1.42	1.11	0.0	0.0	7.401	1672.	40.	13.	769.5	24.9	1
2141	10	448	37.6291	89.4701	-1019.5		QAL	10.74	0.12	1.13	0.0	0.0	9.519	1698.	45.	15.	770.0	25.0	1
2142	10	444	37.6291	89.4708	-1018.7		QAL	10.56	1.05	1.13	0.0	0.0	9.353	1813.	31.	15.	769.5	24.9	1
2143	0	444	37.6291	89.4715	-1019.0		QAL	8.17	3.45	1.24	0.422	2.771	6.573	1846.	40.	13.	770.0	25.0	1
2144	0	444	37.6291	89.4723	-1019.2		QAL	9.89	1.92	1.34	0.194	1.435	7.394	1822.	45.	13.	769.5	25.0	1
2145	0	444	37.6291	89.4731	-1019.5		QAL	6.24	3.20	0.99	0.513	3.217	6.274	1828.	39.	19.	769.5	25.0	1
2146	10	444	37.6291	89.4737	-1018.5		QAL	8.98	1.32	1.20	0.0	0.0	7.510	1802.	35.	20.	770.5	25.0	1
2147	10	444	37.6291	89.4745	-1017.2		QAL	7.93	1.58	1.13	0.0	0.0	6.998	1796.	37.	24.	770.0	25.0	1
2148	10	444	37.6291	89.4752	-1016.7		QAL	8.25	1.25	1.14	0.0	0.0	7.221	1838.	40.	24.	770.0	25.0	1
2149	10	448	37.6291	89.4760	-1016.7		QAL	8.79	1.23	1.10	0.0	0.0	7.974	1682.	44.	26.	770.5	25.0	1
2150	10	452	37.6291	89.4767	-1015.5		QAL	10.33	0.67	0.91	0.0	0.0	11.289	1801.	45.	29.	769.5	25.0	1
2151	10	452	37.6291	89.4775	-1014.0		QAL	8.33	0.90	1.06	0.0	0.0	7.835	1837.	33.	29.	769.5	25.0	1
2152	0	452	37.6291	89.4782	-1015.0		QAL	7.06	2.19	0.92	0.310	2.391	7.708	1772.	55.	31.	770.0	24.9	1
2153	10	452	37.6291	89.4789	-1016.0		QAL	10.56	1.55	0.92	0.0	0.0	11.447	1749.	46.	30.	769.5	24.9	1
2154	10	448	37.6291	89.4797	-1016.0		QAL	6.96	0.82	1.27	0.0	0.0	5.497	1798.	55.	29.	770.0	24.9	1
2155	0	448	37.6291	89.4804	-1014.7		QAL	7.35	2.64	0.99	0.360	2.676	7.431	1825.	36.	23.	769.5	24.9	1
2156	0	444	37.6291	89.4811	-1015.7		QAL	7.73	4.38	0.92	0.567	4.743	8.370	1898.	39.	21.	770.5	24.8	1
2157	0	444	37.6291	89.4818	-1015.5		QAL	10.58	2.66	1.52	0.252	1.758	6.985	2000.	34.	18.	770.5	24.8	1
2158	0	444	37.6291	89.4827	-1015.5		QAL	6.90	5.18	1.11	0.751	4.649	6.190	1973.	39.	17.	768.5	24.7	1
2159	0	448	37.6291	89.4834	-1013.7		QAL	9.24	2.93	1.27	0.317	2.303	7.265	1946.	39.	16.	770.5	24.8	1
2160	0	448	37.6291	89.4841	-1013.2		QAL	9.79	3.46	1.01	0.353	3.408	9.650	1971.	42.	16.	770.5	24.7	1
2161	0	452	37.6291	89.4848	-1013.7		QAL	9.86	2.69	1.29	0.273	2.082	7.641	1924.	44.	14.	769.0	24.7	1
2162	0	456	37.6291	89.4855	-1014.5		QAL	10.00	2.11	1.44	0.211	1.463	6.921	1971.	37.	14.	771.6	24.6	1
2163	0	456	37.6291	89.4863	-1014.5		QAL	10.49	2.46	1.55	0.235	1.593	6.789	2082.	35.	12.	770.5	24.6	1
2164	10	464	37.6290	89.4870	-1013.0		QAL	7.86	1.41	1.60	0.0	0.0	4.909	1981.	43.	13.	768.0	24.6	1
2165	10	472	37.6290	89.4878	-1011.7		QAL	6.83	1.53	1.23	0.0	0.0	5.535	1938.	42.	19.	770.0	24.7	1
2166	0	476	37.6290	89.4885	-1011.5		QAL	8.07	3.52	1.27	0.436	2.765	6.348	1894.	41.	19.	770.0	24.6	1
2167	0	480	37.6290	89.4893	-1009.5		QAL	5.72	2.47	1.52	0.433	1.631	3.771	1977.	45.	19.	768.0	24.6	1
2168	0	480	37.6290	89.4900	-1008.7		QAL	7.04	3.93	1.20	0.559	3.271	5.856	1855.	40.	11.	769.5	24.6	1
2169	0	480	37.6290	89.4907	-1010.0		QAL	10.04	2.19	1.55	0.218	1.414	6.488	1873.	41.	13.	770.0	24.6	1
2170	0	472	37.6290	89.4914	-1008.7		QAL	4.06	4.37	1.08	1.078	4.068	3.775	1694.	30.	14.	766.9	24.6	1
2171	0	460	37.6290	89.4922	-1008.2		QAL	5.80	4.15	1.37	0.715	3.039	4.247	1812.	39.	11.	768.0	24.6	1
2172	0	460	37.6290	89.4930	-1007.2		QAL	7.91	3.01	1.37	0.380	2.203	5.791	1719.	42.	9.	770.0	24.6	1
2173	10	452	37.6290	89.4937	-1005.2		QAL	9.28	1.36	1.51	0.0	0.0	6.153	1710.	41.	5.	767.4	24.7	1

FLIGHT LINE 5 DAY 200 REDUCED DATA TEX-KENT 1979 PADUCAH

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2174	0	460	37.6290	89.4944	-1005.0		QAL	5.84	4.43	1.08	0.759	4.120	5.429	1646.	57.	9.	767.4	24.7	1
2175	0	464	37.6290	89.4951	-1005.2		QAL	3.71	4.60	1.45	1.239	3.161	2.551	1724.	45.	9.	770.5	24.6	1
2176	0	468	37.6290	89.4959	-1002.2		QAL	6.55	2.90	1.46	0.443	1.987	4.485	1729.	41.	12.	768.5	24.6	1
2177	0	468	37.6290	89.4967	-1000.5		QAL	6.95	4.32	1.01	0.622	4.290	6.898	1699.	33.	10.	767.4	24.7	1
2178	10	480	37.6290	89.4974	-999.2		QAL	6.83	1.16	1.19	0.0	0.0	5.730	1593.	40.	16.	769.5	24.6	1
2179	0	472	37.6290	89.4981	-997.0		QAL	6.12	2.56	0.99	0.418	2.581	6.177	1562.	42.	14.	769.5	24.6	1
2180	10	476	37.6290	89.4988	-994.5		QAL	5.59	0.55	1.07	0.0	0.0	5.214	1531.	35.	19.	768.5	24.7	1
2181	10	476	37.6290	89.4996	-991.7		QAL	5.64	1.21	1.01	0.0	0.0	5.559	1457.	41.	21.	769.5	24.7	1
2182	10	480	37.6290	89.5003	-987.5		QAL	3.97	0.95	0.92	0.0	0.0	4.329	1405.	43.	27.	770.5	24.6	1
2183	0	484	37.6289	89.5011	-984.2		QAL	3.41	2.43	0.90	0.714	2.716	3.806	1444.	33.	27.	768.5	24.6	1
2184	10	484	37.6289	89.5018	-982.5		QAL	2.51	0.49	0.78	0.0	0.0	3.216	1258.	34.	27.	767.4	24.6	1
2185	10	500	37.6289	89.5025	-983.2		QAL	2.14	1.15	0.66	0.0	0.0	3.264	1052.	49.	28.	768.5	24.6	1
2186	10	512	37.6289	89.5033	-986.2		QAL	3.01	-0.96	0.37	0.0	0.0	8.204	813.	41.	25.	770.0	24.5	1
2187	111	512	37.6289	89.5040	-987.5	(WATER)		0.63	-0.91	0.18	0.0	0.0	0.0	503.	26.	27.	769.0	24.6	1
2188	111	516	37.6289	89.5047	-987.2	(WATER)		0.88	-1.15	0.18	0.0	0.0	0.0	409.	34.	23.	766.9	24.5	1
2189	111	516	37.6289	89.5054	-985.2	(WATER)		0.60	-0.71	-0.05	0.0	0.0	0.0	312.	37.	23.	766.9	24.6	1
2190	111	516	37.6289	89.5063	-984.5	(WATER)		0.04	-0.31	0.04	0.0	0.0	0.0	327.	45.	18.	769.5	24.6	1
2191	111	516	37.6289	89.5070	-984.0	(WATER)		0.76	-1.21	0.05	0.0	0.0	0.0	312.	52.	20.	769.5	24.7	1
2192	111	516	37.6289	89.5077	-982.0	(WATER)		0.19	0.98	0.20	0.0	0.0	0.0	440.	42.	17.	767.4	24.7	1
2193	110	520	37.6289	89.5084	-980.0	(WATER)		1.21	0.34	0.25	0.0	0.0	0.0	548.	46.	16.	767.4	24.7	1
2194	110	524	37.6289	89.5092	-978.5	(WATER)		0.49	0.69	0.45	0.0	0.0	0.0	723.	43.	21.	768.5	24.6	1
2195	10	520	37.6289	89.5099	-976.7	(WATER)		1.60	1.53	0.55	0.0	0.0	2.925	818.	47.	19.	768.5	24.6	1
2196	0	520	37.6289	89.5106	-975.5		DU	2.36	1.89	0.57	0.798	3.282	4.114	1040.	32.	20.	768.5	24.4	1
2197	10	504	37.6289	89.5114	-975.0		DU	3.31	-1.00	0.81	0.0	0.0	4.104	963.	27.	22.	767.4	24.4	1
2198	10	520	37.6289	89.5121	-972.0		DU	2.69	0.92	0.78	0.0	0.0	3.433	1059.	34.	22.	765.9	24.3	1
2199	0	520	37.6289	89.5128	-970.5		DU	2.77	2.21	0.36	0.798	6.226	7.799	976.	47.	23.	766.9	24.3	1
2200	10	508	37.6289	89.5136	-968.5		DU	1.69	-0.49	0.58	0.0	0.0	2.941	990.	48.	24.	768.0	24.2	1
2201	10	492	37.6289	89.5144	-967.0		DU	3.10	1.32	0.62	0.0	0.0	4.971	1012.	35.	19.	766.9	24.1	1
2202	10	448	37.6288	89.5150	-964.5		DU	2.30	1.31	0.63	0.0	0.0	3.670	999.	38.	16.	764.9	24.1	1
2203	10	460	37.6288	89.5158	-963.5		DU	3.90	0.62	0.50	0.0	0.0	7.750	982.	28.	19.	764.3	24.1	1
2204	10	456	37.6288	89.5166	-961.5		DU	2.05	0.91	0.73	0.0	0.0	2.817	974.	44.	16.	763.8	24.0	1
2205	10	424	37.6288	89.5173	-958.2		DU	3.00	1.25	0.68	0.0	0.0	4.419	1034.	36.	15.	764.3	24.1	1
2206	10	404	37.6288	89.5180	-957.2		DU	4.87	1.00	0.60	0.0	0.0	8.109	1132.	32.	15.	765.4	24.1	1
2207	0	372	37.6288	89.5187	-957.0		DU	4.10	2.71	0.59	0.662	4.590	6.933	1115.	32.	13.	766.4	24.1	1
2208	0	364	37.6288	89.5194	-954.7		DU	3.49	2.66	0.82	0.763	3.227	4.231	1184.	41.	14.	765.4	24.0	1
2209	0	368	37.6288	89.5203	-952.5		DU	4.95	1.79	0.71	0.363	2.529	6.973	1163.	48.	11.	764.3	24.0	1
2210	0	380	37.6288	89.5210	-950.5		DU	4.45	1.94	0.76	0.436	2.556	5.863	1155.	35.	13.	763.8	24.0	1
2211	10	376	37.6288	89.5217	-948.2		DU	3.18	1.10	0.78	0.0	0.0	4.092	1122.	38.	17.	763.8	24.0	1
2212	0	408	37.6288	89.5224	-946.0		DU	2.95	2.90	0.77	0.983	3.745	3.810	1192.	48.	18.	764.3	24.0	1
2213	10	456	37.6288	89.5231	-944.5		DU	4.61	1.35	0.88	0.0	0.0	5.226	1324.	30.	15.	765.4	24.1	1
2214	0	468	37.6288	89.5239	-943.5		DU	4.23	3.04	0.64	0.718	4.770	6.639	1268.	39.	14.	765.4	24.1	1
2215	0	420	37.6288	89.5247	-941.0		DU	3.62	1.95	0.75	0.539	2.612	4.845	1200.	46.	16.	765.4	24.2	1
2216	0	380	37.6288	89.5254	-937.5		DU	3.74	1.59	0.85	0.424	1.860	4.385	1160.	45.	15.	765.4	24.3	1
2217	10	404	37.6288	89.5261	-937.0		DU	2.82	1.22	0.86	0.0	0.0	3.275	1200.	49.	12.	764.3	24.3	1
2218	10	444	37.6288	89.5269	-935.5		DU	3.88	1.15	0.77	0.0	0.0	5.008	1250.	35.	19.	763.8	24.2	1
2219	0	472	37.6288	89.5276	-935.0		DU	5.48	2.81	0.75	0.513	3.742	7.293	1394.	44.	15.	763.8	24.2	1
2220	10	436	37.6288	89.5284	-931.7		DU	7.13	0.79	0.82	0.0	0.0	8.747	1301.	37.	16.	764.3	24.2	1
2221	0	432	37.6288	89.5291	-929.7		DU	3.13	2.55	0.69	0.817	3.707	4.540	1241.	36.	13.	766.4	24.2	1
2222	0	444	37.6287	89.5298	-928.5		DU	2.86	2.51	0.98	0.875	2.567	2.933	1226.	53.	17.	766.4	24.2	1
2223	10	460	37.6287	89.5306	-926.2		DU	6.71	-0.32	0.85	0.0	0.0	7.927	1292.	37.	15.	764.3	24.1	1
2224	0	460	37.6287	89.5313	-922.5		DU	4.94	4.83	0.46	0.976	10.422	10.672	1334.	26.	16.	764.3	24.2	1
2225	0	436	37.6287	89.5320	-920.7		DU	6.59	.0	0.58	0.461	5.245	11.365	1368.	32.	15.	764.3	24.2	1
2226	0	428	37.6287	89.5328	-919.7		DU	4.01	.84	0.74	0.459	2.502	5.447	1308.	38.	17.	763.8	24.2	1

*	TAGS		* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2227	0	436	37.6287	89.5335	-917.2	DU	4.16	2.17	0.83	0.522	2.626	5.029	1344.	38.	17.	763.8	24.2	1
2228	10	452	37.6287	89.5342	-915.5	DU	6.29	1.60	0.99	0.0	0.0	6.358	1356.	31.	14.	764.3	24.2	1
2229	0	436	37.6287	89.5350	-913.7	DU	3.62	4.06	0.70	1.121	5.819	5.191	1237.	46.	12.	764.3	24.2	1
2230	0	424	37.6287	89.5357	-910.7	DU	4.99	1.80	0.84	0.360	2.131	5.925	1328.	34.	15.	765.4	24.2	1
2231	10	408	37.6287	89.5364	-909.2	DU	2.57	1.04	1.04	0.0	0.0	2.478	1313.	50.	15.	765.9	24.2	1
2232	0	408	37.6287	89.5372	-907.7	SU-1	4.68	3.52	0.85	0.752	4.137	5.504	1296.	43.	13.	764.9	24.1	1
2233	0	400	37.6287	89.5380	-906.0	SU-1	5.37	2.66	0.78	0.494	3.407	6.891	1344.	19.	9.	764.3	24.1	1
2234	0	364	37.6287	89.5387	-904.7	SU-1	3.47	3.31	0.87	0.954	3.821	4.005	1187.	34.	9.	764.3	24.1	1
2235	0	352	37.6287	89.5394	-902.7	SU-1	3.77	1.93	0.76	0.511	2.521	4.934	1156.	46.	11.	763.8	24.1	1
2236	0	396	37.6287	89.5401	-901.7	SU-1	4.29	2.04	1.05	0.475	1.947	4.098	1234.	22.	14.	763.8	24.1	1
2237	0	432	37.6287	89.5409	-900.7	SU-1	5.62	1.94	0.95	0.345	2.040	5.916	1347.	43.	14.	763.8	24.1	1
2238	0	404	37.6287	89.5416	-898.0	SU-1	4.91	2.42	0.68	0.493	3.565	7.230	1279.	41.	15.	764.3	24.1	1
2239	10	388	37.6287	89.5423	-896.5	SU-1	6.13	-0.41	0.85	0.0	0.0	7.221	1214.	40.	17.	765.4	24.1	1
2240	10	388	37.6286	89.5430	-896.0	SU-1	4.81	0.34	1.06	0.0	0.0	4.534	1319.	42.	17.	766.4	24.1	1
2241	0	376	37.6286	89.5439	-893.2	SU-1	5.86	1.71	0.94	0.293	1.832	6.259	1462.	42.	15.	765.4	24.1	1
2242	0	344	37.6286	89.5446	-892.0	SU-1	3.66	1.62	0.91	0.442	1.779	4.020	1321.	35.	19.	765.4	24.1	1
2243	10	336	37.6286	89.5453	-890.5	SU-1	5.47	0.21	0.92	0.0	0.0	5.966	1304.	52.	19.	765.4	24.1	1
2244	10	352	37.6286	89.5461	-888.5	SU-1	6.49	0.50	0.92	0.0	0.0	7.073	1339.	41.	19.	764.3	24.1	1
2245	0	380	37.6286	89.5467	-887.2	SU-1	5.16	2.65	0.80	0.514	3.327	6.477	1359.	51.	19.	764.3	24.1	1
2246	0	364	37.6286	89.5475	-887.0	SU-1	5.00	2.11	1.13	0.421	1.855	4.408	1397.	39.	22.	763.8	24.1	1
2247	10	364	37.6286	89.5483	-884.2	SU-1	4.26	0.98	0.98	0.0	0.0	4.366	1234.	41.	21.	764.3	24.1	1
2248	0	388	37.6286	89.5490	-884.5	SU-1	5.04	2.57	0.69	0.509	3.742	7.349	1400.	31.	22.	765.4	24.1	1
2249	0	380	37.6286	89.5497	-883.7	SU-1	5.43	2.19	0.97	0.403	2.264	5.620	1362.	51.	15.	766.4	24.1	1
2250	0	344	37.6286	89.5504	-880.7	SU-1	5.02	2.27	0.76	0.453	2.991	6.596	1323.	31.	13.	766.4	24.1	1
2251	0	328	37.6286	89.5512	-880.0	SU-1	5.22	1.55	0.97	0.298	1.598	5.363	1339.	44.	17.	766.4	24.2	1
2252	0	360	37.6286	89.5519	-879.2	SU-1	5.59	3.44	0.73	0.615	4.710	7.665	1409.	39.	14.	767.4	24.2	1
2253	10	424	37.6286	89.5527	-877.5	SU-1	7.92	1.19	1.42	0.0	0.0	5.567	1753.	29.	16.	766.9	24.3	1
2254	0	456	37.6286	89.5534	-876.5	SU-1	6.22	4.17	1.15	0.670	3.631	5.417	1797.	23.	14.	766.9	24.3	1
2255	0	476	37.6286	89.5542	-875.7	SU-2	7.25	3.32	0.86	0.457	3.870	8.459	1777.	41.	16.	767.4	24.3	1
2256	0	488	37.6286	89.5549	-873.2	OMK-2	6.89	3.02	1.28	0.438	2.361	5.390	1790.	49.	14.	766.4	24.3	1
2257	10	508	37.6286	89.5556	-873.0	OMK-2	9.37	0.47	1.28	0.0	0.0	7.332	1797.	38.	16.	765.9	24.3	1
2258	0	508	37.6286	89.5564	-873.2	OMK-2	7.35	2.57	1.24	0.350	2.077	5.941	1830.	36.	14.	765.9	24.3	1
2259	0	488	37.6286	89.5571	-873.0	OMK-2	8.63	3.21	1.17	0.372	2.743	7.380	1835.	40.	13.	764.9	24.3	1
2260	0	492	37.6286	89.5578	-870.2	OMK-2	7.36	2.36	1.36	0.320	1.729	5.402	1896.	34.	16.	764.9	24.3	1
2261	10	508	37.6286	89.5585	-871.5	OMK-2	7.83	1.68	1.38	0.0	0.0	5.661	1927.	39.	18.	765.4	24.3	1
2262	0	496	37.6286	89.5593	-871.0	OMK-2	7.36	4.45	1.09	0.605	4.077	6.739	1775.	36.	17.	765.4	24.3	1
2263	0	476	37.6286	89.5600	-868.0	OMK-2	6.67	4.09	0.92	0.613	4.428	7.222	1793.	35.	14.	764.9	24.3	1
2264	0	464	37.6285	89.5607	-866.2	OMK-2	5.78	3.72	1.08	0.643	3.438	5.346	1803.	40.	16.	765.9	24.3	1
2265	0	464	37.6285	89.5616	-866.7	OMK-2	9.13	2.34	1.02	0.256	2.294	8.966	1788.	35.	16.	767.4	24.3	1
2266	0	468	37.6285	89.5623	-865.7	OMK-2	5.14	2.38	1.13	0.464	2.118	4.566	1828.	51.	18.	766.4	24.3	1
2267	0	492	37.6285	89.5630	-864.7	OMK-2	9.66	2.41	1.34	0.249	1.799	7.214	1909.	31.	15.	765.4	24.3	1
2268	0	492	37.6285	89.5637	-863.5	OMK-2	10.70	4.79	1.13	0.447	4.222	9.436	2006.	31.	14.	766.9	24.3	1
2269	0	484	37.6285	89.5645	-860.2	OMK-2	7.21	1.99	1.48	0.277	1.344	4.859	1867.	52.	14.	768.0	24.3	1
2270	0	464	37.6285	89.5652	-858.0	OMK-2	5.66	3.58	1.16	0.633	3.085	4.872	1892.	47.	12.	767.4	24.3	1
2271	0	456	37.6285	89.5659	-855.2	OMK-2	8.85	3.81	1.49	0.430	2.557	5.946	1889.	31.	8.	767.4	24.4	1
2272	0	456	37.6285	89.5666	-856.0	OMK-2	7.26	3.60	1.27	0.496	2.838	5.724	1783.	37.	11.	767.4	24.4	1
2273	0	436	37.6285	89.5674	-855.7	OMK-2	8.19	3.83	1.19	0.467	3.211	6.875	1792.	38.	13.	767.4	24.4	1
2274	10	420	37.6285	89.5682	-853.5	OMK-2	7.88	1.02	1.19	0.0	0.0	6.629	1688.	58.	16.	767.4	24.4	1
2275	0	424	37.6285	89.5689	-850.2	OMK-2	6.72	3.05	1.09	0.453	2.801	6.183	1714.	43.	15.	767.4	24.5	1
2276	0	416	37.6285	89.5697	-848.7	OMK-2	5.47	2.61	1.52	0.477	1.713	3.588	1799.	35.	18.	767.4	24.5	1
2277	0	400	37.6285	89.5704	-846.7	OMK-2	9.10	2.31	1.48	0.254	1.566	6.171	1892.	39.	14.	767.4	24.5	1
2278	0	404	37.6285	89.5711	-845.5	OMK-2	7.89	2.24	1.60	0.284	1.401	4.930	1859.	43.	14.	767.4	24.5	1
2279	0	420	37.6285	89.5718	-843.0	ODP	6.65	2.61	1.42	0.392	1.837	4.686	1824.	60.	16.	766.9	24.4	1

CP 9 LP 12

FLIGHT LINE 5 DAY 200 REDUCED DATA TEX-KENT 1979 PADUCAH

*	TAGS		* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2280	10	404	37.6285	89.5725	-842.0	ODP	7.38	1.63	1.39	0.0	0.0	5.289	1802.	41.	18.	766.9	24.4	1
2281	0	392	37.6285	89.5732	-839.5	ODP	4.42	3.79	1.28	0.857	2.972	3.467	1765.	37.	13.	768.0	24.4	1
2282	0	388	37.6285	89.5740	-837.7	ODP	9.42	2.01	1.34	0.213	1.501	7.034	1775.	42.	15.	766.9	24.4	1
2283	0	404	37.6285	89.5747	-837.7	ODP	6.48	2.88	1.63	0.444	1.762	3.972	1915.	38.	14.	766.9	24.5	1
2284	0	420	37.6285	89.5754	-837.7	ODP	7.44	2.96	1.14	0.397	2.599	6.544	1881.	44.	14.	767.4	24.4	1
2285	0	416	37.6285	89.5762	-834.2	ODP	8.14	2.19	1.37	0.269	1.599	5.948	1823.	46.	15.	767.4	24.4	1
2286	0	400	37.6285	89.5769	-832.2	ODP	7.73	2.34	1.23	0.303	1.898	6.266	1818.	35.	11.	768.5	24.4	1
2287	0	380	37.6285	89.5776	-830.7	ODP	7.50	3.44	1.06	0.459	3.249	7.086	1805.	43.	11.	768.5	24.4	1
2288	0	392	37.6285	89.5783	-828.2	ODP	8.20	2.68	1.20	0.327	2.241	6.857	1835.	34.	11.	767.4	24.3	1
2289	0	404	37.6285	89.5789	-825.7	ODP	7.13	2.49	1.27	0.350	1.968	5.626	1821.	44.	13.	767.4	24.4	1
2290	10	388	37.6285	89.5796	-821.7	ODP	8.26	1.15	1.24	0.0	0.0	6.683	1780.	39.	15.	767.4	24.3	1
2291	0	376	37.6286	89.5804	-817.7	ODP	7.22	2.89	1.15	0.400	2.520	6.300	1742.	46.	17.	766.4	24.4	1
2292	10	376	37.6286	89.5811	-814.0	ODP	9.88	0.24	1.26	0.0	0.0	7.850	1712.	42.	18.	766.4	24.4	1
2293	10	396	37.6285	89.5818	-811.5	ODP	6.73	1.54	1.39	0.0	0.0	4.837	1847.	39.	18.	766.4	24.4	1
2294	0	400	37.6285	89.5826	-807.2	ODP	6.88	2.36	1.17	0.343	2.017	5.887	1739.	31.	18.	765.4	24.4	1
2295	0	384	37.6285	89.5832	-800.2	ODP	5.64	2.64	1.22	0.467	2.155	4.614	1680.	38.	18.	765.4	24.4	1
2296	0	360	37.6285	89.5840	-791.0	ODP	6.61	3.99	0.85	0.604	4.681	7.749	1552.	35.	14.	765.4	24.4	1
2297	10	364	37.6286	89.5847	-782.5	ODP	7.13	1.25	1.15	0.0	0.0	6.178	1493.	41.	16.	765.4	24.5	1
2298	0	368	37.6286	89.5854	-781.5	ODP	7.28	1.98	1.16	0.272	1.711	6.298	1613.	28.	13.	765.9	24.5	1
2299	0	372	37.6286	89.5861	-787.5	ODP	6.13	2.35	1.11	0.384	2.117	5.513	1562.	46.	11.	765.9	24.5	1
2300	0	368	37.6286	89.5868	-790.2	ODP	7.93	2.43	1.30	0.306	1.871	6.111	1540.	37.	8.	766.9	24.5	1
2301	0	368	37.6286	89.5875	-788.7	ODP	5.38	2.42	0.99	0.450	2.446	5.431	1489.	41.	7.	768.0	24.5	1
2302	0	380	37.6286	89.5882	-787.7	ODP	5.41	1.72	0.99	0.318	1.744	5.479	1470.	41.	9.	768.0	24.5	1
2303	0	384	37.6286	89.5890	-786.2	ODP	7.64	3.00	1.02	0.392	2.948	7.513	1533.	47.	7.	767.4	24.5	1
2304	0	388	37.6286	89.5897	-783.7	ODP	4.08	2.78	1.08	0.680	2.560	3.767	1486.	48.	11.	766.4	24.6	1
2305	10	404	37.6286	89.5904	-778.5	ODP	7.14	1.48	1.15	0.0	0.0	6.200	1562.	46.	12.	764.9	24.6	1
2306	0	396	37.6286	89.5911	-772.2	ODP	5.53	2.93	1.05	0.529	2.792	5.274	1577.	36.	14.	764.9	24.6	1
2307	10	408	37.6286	89.5919	-766.2	ODP	7.43	1.37	1.49	0.0	0.0	4.989	1677.	36.	10.	765.4	24.7	1
2308	10	408	37.6286	89.5926	-762.0	ODP	6.69	1.08	1.28	0.0	0.0	5.216	1678.	41.	18.	766.4	24.7	1
2309	10	420	37.6287	89.5933	-757.0	ODP	6.16	1.12	1.37	0.0	0.0	4.487	1646.	45.	17.	767.4	24.7	1
2310	10	408	37.6287	89.5940	-751.5	ODP	7.15	0.62	1.35	0.0	0.0	5.287	1617.	36.	16.	766.9	24.6	1
2311	10	384	37.6286	89.5947	-747.5	ODP	7.73	0.75	1.21	0.0	0.0	6.410	1563.	35.	13.	765.9	24.6	1
2312	0	416	37.6286	89.5954	-742.7	ODP	4.53	4.09	1.09	0.902	3.759	4.169	1754.	31.	15.	765.9	24.5	1
2313	0	420	37.6286	89.5961	-737.7	ODP	6.83	2.80	1.30	0.411	2.160	5.260	1739.	39.	9.	765.9	24.5	1
2314	0	480	37.6286	89.5968	-732.2	ODP	7.28	3.45	1.43	0.473	2.412	5.095	1912.	34.	15.	765.9	24.4	1
2315	0	388	37.6287	89.5976	-727.2	ODP	8.86	2.64	1.08	0.298	2.436	8.174	1726.	34.	12.	766.4	24.5	1
2316	10	396	37.6287	89.5983	-723.0	ODP	8.22	1.60	1.32	0.0	0.0	6.241	1759.	36.	14.	767.4	24.5	1
2317	0	412	37.6287	89.5990	-719.0	ODP	4.94	2.61	1.47	0.528	1.771	3.353	1736.	49.	15.	766.9	24.6	1
2318	0	432	37.6287	89.5997	-715.0	ODP	8.58	3.74	1.28	0.435	2.923	6.714	1894.	37.	14.	765.9	24.6	1
2319	0	436	37.6287	89.6005	-708.5	ODP	7.97	4.63	1.16	0.580	3.985	6.865	1858.	36.	13.	765.4	24.6	1
2320	0	440	37.6287	89.6011	-702.7	ODP	7.44	3.21	1.32	0.432	2.430	5.622	1804.	39.	15.	765.4	24.6	1
2321	0	420	37.6287	89.6018	-698.0	ODP	7.07	2.14	1.18	0.303	1.812	5.984	1778.	50.	15.	766.4	24.7	1
2322	0	416	37.6287	89.6025	-692.5	ODP	6.60	3.42	1.44	0.518	2.373	4.577	1759.	30.	10.	767.4	24.6	1
2323	0	412	37.6287	89.6032	-688.7	ODP	7.33	2.36	1.02	0.321	2.320	7.219	1653.	46.	12.	765.4	24.6	1
2324	0	416	37.6287	89.6040	-684.2	ODP	4.89	5.38	1.22	1.101	4.397	3.994	1742.	39.	11.	764.3	24.5	1
2325	0	424	37.6287	89.6047	-679.2	ODP	6.32	2.71	1.20	0.428	2.263	5.283	1664.	44.	10.	765.4	24.6	1
2326	0	432	37.6287	89.6054	-673.2	ODP	8.07	2.63	1.31	0.326	2.000	6.141	1706.	31.	8.	767.4	24.5	1
2327	0	448	37.6287	89.6062	-668.7	ODP	6.65	3.43	1.36	0.516	2.517	4.881	1723.	44.	10.	767.4	24.5	1
2328	0	460	37.6287	89.6069	-662.7	ODP	7.89	3.27	1.36	0.415	2.405	5.800	1858.	35.	9.	765.4	24.5	1
2329	0	476	37.6287	89.6076	-656.2	ODP	9.58	1.98	1.11	0.207	1.783	8.613	1724.	59.	12.	765.9	24.5	1
2330	0	488	37.6287	89.6082	-653.0	ODP	7.35	3.68	1.51	0.501	2.432	4.858	1881.	38.	8.	768.0	24.5	1
2331	0	480	37.6287	89.6090	-649.0	ODP	11.73	3.02	1.13	0.257	2.664	10.350	1900.	26.	7.	766.9	24.5	1
2332	0	472	37.6287	89.6097	-642.5	ODP	7.78	4.20	1.10	0.540	3.805	7.045	1911.	30.	8.	764.9	24.5	1

CP 9 1P 12

*	TAGS		* LOCATION		*			REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2333	0	472	37.6288	89.6104	-637.7		ODP	10.02	1.95	1.56	0.194	1.250	6.433	1859.	37.	10.	765.9	24.5	1
2334	0	492	37.6288	89.6111	-632.2		ODP	8.09	4.23	1.22	0.523	3.472	6.643	1778.	43.	8.	766.9	24.6	1
2335	10	480	37.6288	89.6118	-627.0		ODP	7.97	1.69	1.05	0.0	0.0	7.581	1783.	40.	14.	765.4	24.6	1
2336	0	452	37.6288	89.6126	-617.5		ODP	7.83	2.35	0.98	0.301	2.408	8.006	1550.	43.	12.	764.3	24.6	1
2337	0	424	37.6288	89.6133	-605.5		ODP	5.91	2.50	0.90	0.424	2.773	6.543	1349.	39.	12.	766.4	24.7	1
2338	0	408	37.6288	89.6140	-594.5		ODP	3.25	1.86	0.81	0.571	2.298	4.021	1184.	36.	15.	766.9	24.8	1
2339	10	396	37.6288	89.6147	-591.2		ODP	5.13	0.90	0.75	0.0	0.0	6.837	1131.	50.	17.	764.9	24.8	1
2340	0	376	37.6288	89.6155	-596.0		ODP	4.98	1.61	0.86	0.324	1.871	5.768	1088.	57.	18.	765.9	24.8	1
2341	10	376	37.6288	89.6161	-596.2		ODP	6.98	1.01	0.94	0.0	0.0	7.399	1309.	34.	18.	766.9	24.8	1
2342	10	396	37.6288	89.6169	-592.7		ODP	5.43	0.93	1.10	0.0	0.0	4.948	1509.	59.	18.	764.9	24.7	1
2343	0	400	37.6288	89.6176	-587.5		ODP	4.99	2.52	1.35	0.505	1.868	3.698	1685.	49.	18.	765.4	24.7	1
2344	0	404	37.6288	89.6183	-582.7		ODP	8.05	3.36	1.28	0.417	2.632	6.315	1876.	31.	17.	766.4	24.7	1
2345	0	412	37.6289	89.6190	-576.7		ODP	6.05	1.69	1.54	0.280	1.099	3.921	1782.	49.	15.	764.3	24.7	1
2346	0	424	37.6289	89.6197	-570.5		ODP	8.21	2.35	1.47	0.286	1.603	5.598	1816.	47.	11.	766.4	24.7	1
2347	10	432	37.6288	89.6205	-563.7		ODP	7.51	1.65	1.37	0.0	0.0	5.475	1740.	45.	11.	767.4	24.8	1
2348	0	456	37.6288	89.6212	-559.7		ODP	9.48	2.19	1.39	0.231	1.574	6.810	1805.	43.	7.	765.4	24.8	1
2349	0	464	37.6288	89.6219	-556.7		ODP	6.77	2.34	1.26	0.346	1.859	5.380	1644.	50.	11.	766.4	24.8	1
2350	0	464	37.6288	89.6226	-550.5		ODP	9.26	3.43	1.30	0.371	2.635	7.105	1783.	30.	10.	766.4	24.8	1
2351	10	464	37.6289	89.6232	-546.7		ODP	6.79	1.41	1.52	0.0	0.0	4.461	1783.	38.	11.	764.3	24.8	1
2352	0	472	37.6289	89.6240	-543.5		ODP	5.61	2.21	1.15	0.393	1.916	4.869	1738.	43.	12.	766.4	24.7	1
2353	0	472	37.6289	89.6247	-539.0		ODP	7.32	1.89	1.29	0.259	1.470	5.682	1722.	53.	14.	766.4	24.7	1
2354	10	484	37.6289	89.6254	-534.0		ODP	6.75	0.27	1.58	0.0	0.0	4.278	1720.	46.	16.	765.4	24.7	1
2355	0	484	37.6289	89.6261	-531.0		ODP	9.13	3.66	1.38	0.401	2.649	6.604	1896.	36.	16.	767.4	24.8	1
2356	0	464	37.6289	89.6268	-525.7		ODP	8.63	3.00	1.35	0.347	2.217	6.384	1855.	40.	12.	766.4	24.8	1
2357	0	444	37.6289	89.6276	-521.2		ODP	8.36	3.74	0.88	0.447	4.249	9.510	1744.	44.	15.	765.4	24.8	1
2358	0	448	37.6289	89.6283	-518.0		ODP	7.84	3.87	1.14	0.494	3.399	6.880	1806.	37.	16.	766.9	24.8	1
2359	0	460	37.6289	89.6290	-513.7		ODP	9.87	2.00	1.38	0.203	1.457	7.169	1911.	44.	12.	766.4	24.8	1
2360	0	472	37.6289	89.6297	-510.7		ODP	7.89	2.43	1.53	0.308	1.594	5.167	1868.	34.	15.	765.4	24.8	1
2361	10	444	37.6289	89.6304	-506.2		ODP	8.06	1.18	0.95	0.0	0.0	8.510	1688.	47.	13.	766.4	24.8	1
2362	0	440	37.6289	89.6311	-502.5		ODP	7.19	2.66	1.20	0.370	2.220	5.995	1617.	26.	12.	765.9	24.7	1
2363	10	440	37.6289	89.6318	-499.5		ODP	7.38	0.37	1.05	0.0	0.0	7.041	1555.	37.	12.	765.4	24.8	1
2364	0	444	37.6289	89.6326	-496.5		ODP	6.31	3.25	0.68	0.515	4.781	9.275	1483.	30.	9.	765.9	24.8	1
2365	10	464	37.6289	89.6333	-492.2		ODP	5.82	1.19	1.09	0.0	0.0	5.320	1468.	31.	14.	765.4	24.8	1
2366	0	480	37.6289	89.6340	-489.7		ODP	5.17	2.37	1.12	0.458	2.116	4.619	1512.	34.	11.	765.4	24.8	1
2367	0	464	37.6289	89.6347	-485.7		ODP	3.74	4.18	0.74	1.117	5.611	5.025	1436.	51.	11.	766.4	24.9	1
2368	10	436	37.6289	89.6354	-481.7		ODP	5.92	0.55	1.26	0.0	0.0	4.705	1428.	36.	12.	766.4	24.9	1
2369	0	428	37.6289	89.6362	-478.7		ODP	5.41	1.70	0.97	0.315	1.756	5.578	1413.	32.	11.	766.4	24.9	1
2370	10	428	37.6290	89.6369	-476.0		ODP	5.01	1.47	0.91	0.0	0.0	5.470	1386.	51.	14.	766.4	24.9	1
2371	0	440	37.6290	89.6376	-472.2		ODP	6.48	1.73	0.83	0.267	2.085	7.798	1486.	45.	11.	765.9	24.9	1
2372	0	452	37.6290	89.6383	-470.0		ODP	6.40	2.70	1.35	0.421	2.001	4.749	1552.	41.	11.	765.9	24.9	1
2373	0	424	37.6290	89.6390	-466.5		ODP	5.09	1.46	0.93	0.286	1.563	5.457	1337.	39.	8.	766.4	24.9	1
2374	0	408	37.6290	89.6397	-463.7		ODP	6.67	2.10	1.16	0.316	1.817	5.753	1424.	40.	11.	766.4	24.9	1
2375	0	408	37.6289	89.6405	-461.2		ODP	4.40	2.53	0.87	0.575	2.916	5.075	1353.	40.	13.	766.4	24.9	1
2376	10	416	37.6290	89.6412	-459.5		ODP	6.19	0.92	0.89	0.0	0.0	6.973	1390.	43.	15.	766.4	24.9	1
2377	0	416	37.6290	89.6419	-457.0		ODP	6.17	1.70	0.81	0.276	2.093	7.580	1432.	34.	13.	766.9	24.9	1
2378	10	444	37.6290	89.6426	-453.7		ODP	6.39	0.89	0.91	0.0	0.0	7.053	1427.	53.	15.	765.4	25.0	1
2379	0	456	37.6290	89.6433	-451.5		ODP	5.76	3.07	0.80	0.532	3.844	7.224	1432.	32.	11.	765.9	25.0	1
2380	10	448	37.6290	89.6441	-448.5		ODP	6.86	1.03	0.84	0.0	0.0	8.211	1429.	48.	13.	766.4	25.0	1
2381	0	460	37.6290	89.6448	-445.2		ODP	5.20	2.50	1.37	0.480	1.823	3.799	1518.	31.	13.	766.4	25.0	1
2382	0	436	37.6290	89.6454	-444.0		ODP	5.80	2.18	0.98	0.376	2.214	5.889	1427.	36.	12.	766.9	25.0	1
2383	0	440	37.6290	89.6461	-441.2		ODP	6.65	2.70	1.23	0.407	2.200	5.411	1620.	37.	8.	766.4	25.0	1
2384	0	444	37.6290	89.6469	-440.2		ODP	6.20	4.24	1.32	0.684	3.224	4.712	1712.	35.	8.	765.9	25.0	1
2385	0	452	37.6290	89.6476	-438.2		ODP	6.90	3.11	1.24	0.450	2.508	5.567	1678.	31.	6.	766.9	25.0	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2386	0	436	37.6290	89.6483	-435.5	ODP	8.39	3.68	1.03	0.438	3.563	8.133	1611.	44.	0.	765.9	25.0	1
2387	0	448	37.6290	89.6490	-434.0	ODP	8.12	2.07	1.26	0.255	1.652	6.468	1588.	48.	5.	766.4	25.0	1
2388	0	464	37.6291	89.6497	-433.7	ODP	6.81	4.33	0.76	0.637	5.728	8.995	1582.	44.	4.	765.9	25.0	1
2389	0	496	37.6291	89.6505	-431.7	ODP	6.64	4.50	1.25	0.677	3.599	5.313	1659.	41.	6.	764.9	25.1	1
2390	0	528	37.6291	89.6512	-430.7	ODP	8.13	3.10	1.40	0.382	2.218	5.809	1730.	42.	4.	766.9	25.1	1
2391	0	536	37.6291	89.6519	-429.5	ODP	5.39	3.63	1.51	0.674	2.400	3.562	1842.	39.	5.	766.4	25.2	1
2392	0	528	37.6290	89.6526	-427.2	ODP	7.48	3.97	1.29	0.530	3.067	5.784	1799.	40.	10.	765.4	25.1	1
2393	0	500	37.6290	89.6533	-425.2	ODP	9.24	3.02	1.19	0.326	2.536	7.772	1745.	46.	8.	766.9	25.1	1
2394	0	480	37.6291	89.6540	-425.7	ODP	5.08	6.09	1.40	1.199	4.343	3.622	1766.	42.	9.	765.4	25.1	1
2395	0	468	37.6291	89.6547	-425.0	ODP	7.30	1.73	1.18	0.237	1.473	6.210	1621.	37.	8.	765.4	25.1	1
2396	10	436	37.6291	89.6554	-423.2	ODP	7.63	0.69	1.45	0.0	0.0	5.251	1635.	32.	11.	768.0	25.1	1
2397	10	464	37.6291	89.6562	-423.0	ODP	8.60	0.33	1.00	0.0	0.0	8.585	1713.	35.	11.	765.9	25.2	1
2398	0	464	37.6291	89.6569	-423.0	ODP	8.49	2.59	1.36	0.305	1.900	6.238	1819.	38.	10.	765.9	25.2	1
2399	0	456	37.6291	89.6576	-424.0	ODP	6.80	3.47	1.07	0.511	3.245	6.355	1715.	43.	10.	768.0	25.1	1
2400	0	444	37.6291	89.6583	-422.7	ODP	7.64	2.83	1.19	0.371	2.375	6.405	1701.	46.	11.	766.4	25.1	1
2401	0	432	37.6291	89.6591	-422.0	ODP	7.49	1.74	1.21	0.232	1.441	6.201	1670.	44.	13.	765.4	25.1	1
2402	0	424	37.6291	89.6598	-423.7	ODP	7.93	2.17	1.25	0.273	1.733	6.346	1700.	29.	15.	767.4	25.1	1
2403	10	476	37.6291	89.6605	-424.2	ODP	7.04	-0.78	1.61	0.0	0.0	4.376	1786.	38.	21.	766.4	25.1	1
2404	0	476	37.6291	89.6612	-424.7	ODP	8.26	2.11	1.29	0.256	1.638	6.411	1800.	40.	15.	764.9	25.1	1
2405	0	476	37.6291	89.6619	-426.5	ODP	6.77	2.73	1.21	0.403	2.257	5.600	1725.	47.	18.	766.9	25.2	1
2406	10	496	37.6292	89.6626	-426.2	ODP	8.68	1.38	1.03	0.0	0.0	8.400	1789.	43.	19.	766.9	25.2	1
2407	0	488	37.6292	89.6633	-426.7	ODP	7.24	1.92	1.50	0.266	1.280	4.816	1827.	32.	15.	765.9	25.2	1
2408	0	480	37.6292	89.6641	-427.7	ODP	8.09	1.85	1.45	0.228	1.277	5.593	1792.	37.	12.	767.4	25.2	1
2409	0	464	37.6292	89.6648	-429.5	ODP	7.52	3.06	1.44	0.406	2.118	5.213	1888.	38.	9.	767.4	25.2	1
2410	0	444	37.6291	89.6655	-430.5	ODP	6.48	3.73	1.30	0.576	2.873	4.989	1657.	43.	4.	765.9	25.1	1
2411	0	420	37.6291	89.6662	-432.7	ODP	7.63	2.02	1.05	0.265	1.930	7.277	1609.	45.	6.	766.9	25.2	1
2412	0	452	37.6292	89.6670	-434.5	ODP	8.02	3.96	1.06	0.493	3.719	7.536	1731.	27.	4.	768.0	25.1	1
2413	0	456	37.6292	89.6676	-435.5	ODP	6.94	4.16	1.21	0.600	3.448	5.749	1747.	27.	8.	765.9	25.1	1
2414	0	476	37.6292	89.6683	-438.5	ODP	7.07	6.54	1.03	0.924	6.338	6.858	1774.	37.	7.	766.4	25.1	1
2415	0	500	37.6292	89.6691	-442.7	ODP	4.08	2.54	1.54	0.623	1.646	2.644	1718.	38.	12.	767.4	25.1	1
2416	0	472	37.6292	89.6697	-444.5	ODP	8.77	3.03	1.17	0.346	2.599	7.517	1814.	31.	11.	765.4	25.0	1
2417	0	412	37.6292	89.6705	-447.0	ODP	5.61	2.54	1.09	0.453	2.323	5.126	1599.	41.	12.	765.9	25.0	1
2418	0	428	37.6292	89.6712	-449.5	ODP	6.66	2.37	1.13	0.356	2.093	5.878	1590.	35.	16.	768.0	25.0	1
2419	0	460	37.6292	89.6719	-452.5	ODP	8.04	2.08	1.12	0.259	1.862	7.192	1705.	40.	13.	765.4	25.0	1
2420	10	448	37.6292	89.6727	-455.7	ODP	7.89	0.83	1.05	0.0	0.0	7.541	1655.	45.	16.	764.3	24.9	1
2421	0	464	37.6292	89.6734	-459.0	ODP	6.56	2.09	1.27	0.319	1.649	5.175	1747.	43.	15.	767.4	24.9	1
2422	0	488	37.6292	89.6741	-463.0	ODP	7.49	3.53	0.92	0.472	3.829	8.114	1735.	28.	17.	766.4	24.8	1
2423	10	520	37.6292	89.6747	-466.0	ODP	5.37	1.36	1.19	0.0	0.0	4.530	1705.	43.	18.	765.4	24.8	1
2424	10	560	37.6293	89.6754	-471.0	ODP	7.10	1.41	1.21	0.0	0.0	5.854	1782.	45.	17.	767.4	24.8	1
2425	0	564	37.6293	89.6762	-474.5	ODP	6.05	4.72	0.96	0.781	4.923	6.305	1861.	43.	15.	766.4	24.8	1
2426	0	560	37.6292	89.6769	-477.2	ODP	10.10	4.04	1.28	0.400	3.144	7.859	1833.	27.	14.	764.3	24.8	1
2427	0	548	37.6292	89.6776	-480.0	ODP	8.17	3.51	1.05	0.429	3.355	7.812	1798.	41.	13.	765.4	24.9	1
2428	0	520	37.6292	89.6783	-483.5	ODP	5.95	2.91	1.42	0.489	2.055	4.198	1617.	36.	12.	765.4	24.8	1
2429	0	496	37.6292	89.6790	-487.7	ODP	4.03	3.61	1.19	0.896	3.026	3.378	1587.	51.	13.	764.3	24.8	1
2430	10	504	37.6293	89.6798	-491.7	ODP	7.57	-0.12	1.24	0.0	0.0	6.096	1502.	42.	17.	764.3	24.8	1
2431	10	480	37.6293	89.6805	-496.0	ODP	5.88	1.02	1.14	0.0	0.0	5.156	1471.	44.	14.	765.4	24.8	1
2432	0	524	37.6293	89.6812	-499.0	ODP	6.05	3.75	1.09	0.620	3.455	5.570	1695.	39.	12.	764.3	24.8	1
2433	0	548	37.6293	89.6819	-503.7	ODP	7.06	5.76	1.16	0.816	4.953	6.073	1748.	49.	9.	763.8	24.9	1
2434	0	568	37.6293	89.6826	-508.7	ODP	6.54	3.20	1.18	0.489	2.702	5.530	1700.	43.	9.	766.4	24.9	1
2435	0	580	37.6293	89.6833	-511.5	ODP	7.34	2.95	1.22	0.402	2.408	5.998	1797.	43.	12.	765.4	24.9	1
2436	10	572	37.6293	89.6841	-518.2	ODP	7.72	1.03	1.54	0.0	0.0	5.013	1678.	43.	12.	763.8	24.9	1
2437	10	528	37.6293	89.6848	-521.2	ODP	7.31	1.74	1.06	0.0	0.0	6.891	1710.	42.	12.	765.4	25.0	1
2438	0	496	37.6293	89.6855	-527.0	ODP	6.93	4.31	0.82	0.622	5.266	8.470	1629.	25.	9.	765.4	24.9	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2439	0	476	37.6293	89.6862	-532.2	ODP	7.05	2.44	1.06	0.347	2.303	6.639	1577.	34.	14.	764.3	24.9	1
2440	10	476	37.6293	89.6869	-537.7	ODP	8.12	1.10	0.96	0.0	0.0	8.459	1435.	47.	13.	765.4	24.9	1
2441	10	492	37.6293	89.6877	-542.0	ODP	6.87	1.28	1.29	0.0	0.0	5.335	1607.	35.	13.	766.4	24.9	1
2442	10	508	37.6293	89.6884	-548.2	ODP	5.99	-0.72	1.35	0.0	0.0	4.431	1574.	33.	21.	764.3	24.8	1
2443	0	520	37.6293	89.6891	-555.7	ODP	4.68	2.65	1.20	0.565	2.208	3.910	1572.	38.	21.	764.3	24.9	1
2444	0	488	37.6293	89.6897	-562.7	ODP	4.47	3.10	1.12	0.692	2.754	3.978	1544.	42.	18.	766.4	24.8	1
2445	10	492	37.6293	89.6905	-569.2	ODP	6.67	1.15	1.03	0.0	0.0	6.501	1481.	54.	20.	764.3	24.8	1
2446	0	552	37.6293	89.6912	-577.2	ODP	7.52	2.59	1.39	0.345	1.859	5.389	1745.	37.	17.	764.3	24.8	1
2447	0	576	37.6293	89.6919	-585.2	ODP	5.03	4.25	0.87	0.845	4.876	5.768	1801.	47.	16.	766.4	24.8	1
2448	10	576	37.6294	89.6927	-592.0	ODP	7.85	2.06	1.58	0.0	0.0	4.961	1769.	44.	12.	766.4	24.8	1
2449	0	576	37.6294	89.6934	-599.7	ODP	5.91	4.16	1.34	0.705	3.114	4.419	1786.	48.	7.	763.8	24.8	1
2450	0	576	37.6294	89.6941	-609.7	ODP	8.74	2.40	1.10	0.275	2.192	7.980	1754.	33.	9.	765.4	24.8	1
2451	0	580	37.6294	89.6948	-618.0	ODP	5.48	4.43	1.44	0.808	3.075	3.804	1725.	37.	9.	766.4	24.9	1
2452	0	576	37.6293	89.6955	-627.0	ODP	6.00	4.87	1.10	0.811	4.410	5.436	1646.	41.	8.	765.4	24.9	1
2453	10	580	37.6293	89.6962	-636.0	ODP	9.55	1.13	1.35	0.0	0.0	7.099	1752.	38.	6.	763.8	24.9	1
2454	0	580	37.6294	89.6970	-645.5	ODP	6.89	2.63	1.30	0.382	2.020	5.289	1771.	45.	6.	765.4	24.9	1
2455	0	580	37.6294	89.6976	-654.2	ODP	8.26	2.70	1.20	0.327	2.256	6.897	1807.	40.	10.	766.4	24.9	1
2456	0	580	37.6294	89.6983	-663.5	ODP	8.80	4.54	1.24	0.516	3.648	7.071	1881.	22.	6.	764.9	25.0	1
2457	0	572	37.6294	89.6991	-673.5	ODP	8.30	2.90	1.19	0.350	2.431	6.955	1737.	49.	7.	763.3	24.9	1
2458	0	556	37.6294	89.6998	-681.7	ODP	10.77	2.79	1.42	0.259	1.970	7.596	1899.	30.	10.	764.9	24.9	1
2459	10	536	37.6294	89.7005	-690.0	ODP	8.34	1.02	1.50	0.0	0.0	5.580	1760.	35.	12.	765.9	24.9	1
2460	0	488	37.6294	89.7012	-699.7	ODP	5.90	2.97	1.35	0.505	2.197	4.355	1549.	30.	11.	764.9	24.9	1
2461	0	504	37.6294	89.7019	-710.0	ODP	5.94	3.35	1.07	0.564	3.139	5.562	1607.	48.	11.	763.8	24.9	1
2462	0	500	37.6294	89.7027	-718.5	ODP	4.83	2.67	1.39	0.554	1.929	3.482	1631.	36.	13.	765.4	24.9	1
2463	0	488	37.6294	89.7034	-727.2	ODP	7.62	2.13	1.31	0.279	1.617	5.796	1655.	40.	13.	766.4	25.0	1
2464	0	468	37.6294	89.7041	-736.7	ODP	5.92	2.84	0.83	0.479	3.398	7.094	1579.	34.	17.	765.4	24.9	1
2465	10	460	37.6294	89.7048	-746.0	ODP	5.49	0.07	1.19	0.0	0.0	4.624	1449.	39.	17.	764.3	24.9	1
2466	0	440	37.6294	89.7056	-754.5	ODP	5.82	3.17	0.82	0.544	3.874	7.116	1495.	35.	10.	765.4	24.9	1
2467	0	484	37.6295	89.7063	-761.7	ODP	6.39	3.10	1.26	0.486	2.456	5.058	1718.	32.	13.	766.4	24.9	1
2468	0	516	37.6295	89.7070	-769.5	ODP	10.31	2.63	1.07	0.255	2.460	9.662	1813.	43.	10.	764.9	24.9	1
2469	0	504	37.6295	89.7077	-777.2	ODP	7.28	2.46	1.47	0.338	1.668	4.938	1850.	41.	12.	764.3	24.9	1
2470	0	492	37.6295	89.7084	-785.7	ODP	8.52	2.19	1.20	0.256	1.828	7.129	1775.	36.	12.	765.4	24.9	1
2471	0	484	37.6294	89.7092	-793.2	ODP	8.71	3.88	1.05	0.445	3.687	8.283	1909.	32.	8.	765.4	24.9	1
2472	0	480	37.6294	89.7098	-800.0	ODP	8.12	3.89	1.09	0.479	3.569	7.446	1838.	40.	8.	764.3	24.9	1
2473	0	476	37.6295	89.7105	-807.7	ODP	6.38	3.49	1.18	0.548	2.950	5.387	1854.	42.	6.	764.9	24.9	1
2474	0	468	37.6295	89.7113	-815.7	ODP	7.61	2.44	1.32	0.321	1.853	5.779	1805.	41.	8.	765.9	24.9	1
2475	0	464	37.6295	89.7120	-821.5	ODP	9.82	2.57	1.27	0.261	2.019	7.728	1792.	31.	8.	765.9	24.9	1
2476	0	464	37.6295	89.7127	-827.7	ODP	9.65	2.44	1.15	0.253	2.116	8.358	1834.	41.	7.	764.3	24.9	1
2477	0	452	37.6295	89.7134	-833.5	ODP	9.27	1.91	1.40	0.206	1.363	6.619	1843.	42.	7.	763.8	24.9	1
2478	0	448	37.6295	89.7142	-839.5	ODP	6.83	2.32	1.53	0.339	1.515	4.469	1763.	46.	7.	764.3	24.9	1
2479	0	452	37.6295	89.7149	-845.2	ODP	7.97	3.76	1.29	0.471	2.916	6.189	1902.	39.	6.	765.9	24.9	1
2480	0	448	37.6295	89.7156	-851.7	ODP	8.18	4.40	1.40	0.538	3.134	5.826	1952.	37.	6.	765.9	24.9	1
2481	0	432	37.6295	89.7163	-858.0	ODP	8.47	3.31	1.02	0.391	3.252	8.311	1848.	33.	5.	764.9	25.0	1
2482	0	432	37.6295	89.7170	-863.5	ODP	9.70	2.60	1.41	0.268	1.841	6.859	1827.	36.	4.	764.3	25.0	1
2483	0	444	37.6295	89.7178	-868.5	ODP	9.55	3.59	1.27	0.376	2.838	7.543	1855.	35.	2.	763.8	25.0	1
2484	0	456	37.6295	89.7185	-873.2	ODP	8.11	3.57	1.16	0.440	3.065	6.968	1812.	43.	2.	765.4	25.1	1
2485	0	468	37.6295	89.7192	-878.0	ODP	8.84	3.96	1.05	0.447	3.782	8.453	1806.	41.	4.	766.9	25.1	1
2486	0	484	37.6295	89.7199	-882.2	ODP	6.65	3.72	1.35	0.559	2.756	4.927	1858.	43.	6.	765.9	25.1	1
2487	0	492	37.6295	89.7206	-886.5	ODP	6.07	3.21	1.41	0.529	2.280	4.310	1743.	44.	6.	765.9	25.1	1
2488	0	488	37.6295	89.7214	-891.0	ODP	9.22	2.97	1.25	0.322	2.373	7.363	1821.	31.	4.	764.3	25.1	1
2489	0	448	37.6295	89.7221	-894.7	ODP	8.32	4.34	0.88	0.522	4.960	9.500	1674.	46.	3.	763.8	25.1	1
2490	0	436	37.6295	89.7228	-898.0	ODP	5.67	2.61	1.26	0.461	2.076	4.505	1616.	36.	6.	763.8	25.2	1
2491	0	468	37.6295	89.7235	-901.0	ODP	7.40	3.28	1.37	0.443	2.388	5.388	1784.	43.	2.	764.3	25.2	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	FK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2492	0	480	37.6296	89.7242	-905.5	ODP	9.32	4.29	1.13	0.460	3.808	8.282	1850.	39.	1.	765.4	25.2	1
2493	0	480	37.6296	89.7249	-909.5	ODP	6.97	4.54	0.91	0.651	5.004	7.687	1766.	38.	6.	766.4	25.2	1
2494	0	488	37.6296	89.7256	-911.7	ODP	8.14	2.54	1.34	0.313	1.905	6.094	1721.	50.	6.	766.4	25.2	1
2495	10	504	37.6296	89.7263	-914.7	ODP	9.89	0.85	1.48	0.0	0.0	6.670	1795.	46.	9.	764.3	25.2	1
2496	0	488	37.6295	89.7271	-917.7	ODP	7.52	1.96	1.58	0.260	1.235	4.750	1770.	41.	9.	764.3	25.1	1
2497	0	440	37.6295	89.7278	-920.2	ODP	4.50	2.21	1.08	0.490	2.044	4.169	1503.	42.	11.	764.3	25.1	1
2498	0	472	37.6295	89.7285	-923.7	ODP	6.21	3.99	0.96	0.643	4.177	6.498	1660.	38.	12.	763.8	25.0	1
2499	10	516	37.6296	89.7293	-926.5	ODP	8.53	1.00	1.36	0.0	0.0	6.264	1757.	40.	13.	763.8	25.0	1
2500	0	516	37.6296	89.7300	-929.7	ODP	8.05	4.40	0.97	0.547	4.549	8.318	1699.	43.	11.	764.9	25.0	1
2501	0	512	37.6296	89.7307	-931.7	ODP	6.60	2.53	1.30	0.384	1.950	5.080	1762.	51.	13.	764.9	25.0	1
2502	0	508	37.6296	89.7314	-933.5	ODP	6.82	3.81	1.38	0.560	2.762	4.937	1890.	46.	12.	765.4	25.0	1
2503	0	500	37.6296	89.7322	-937.0	ODP	7.92	4.51	1.28	0.569	3.514	6.178	1794.	45.	9.	766.4	25.0	1
2504	0	484	37.6296	89.7328	-938.5	ODP	10.22	3.56	1.14	0.348	3.121	8.969	1886.	36.	3.	766.4	25.0	1
2505	0	472	37.6296	89.7336	-941.0	ODP	8.62	2.54	1.35	0.295	1.888	6.400	1824.	55.	7.	766.4	25.0	1
2506	0	476	37.6296	89.7343	-942.0	ODP	7.86	2.81	1.96	0.357	1.430	4.000	2056.	43.	8.	766.4	25.0	1
2507	0	476	37.6296	89.7350	-945.0	ODP	7.42	4.85	1.28	0.654	3.791	5.800	1953.	38.	5.	765.4	25.0	1
2508	0	472	37.6296	89.7357	-946.0	ODP	8.11	4.78	1.14	0.590	4.209	7.137	1811.	36.	3.	764.9	24.9	1
2509	0	464	37.6296	89.7364	-947.0	ODP	10.00	1.85	1.38	0.185	1.336	7.227	1956.	40.	4.	764.9	24.9	1
2510	0	456	37.6296	89.7371	-948.5	ODP	9.20	2.41	1.38	0.262	1.753	6.686	1874.	55.	8.	764.9	24.9	1
2511	0	452	37.6297	89.7378	-951.2	ODP	8.80	3.07	1.35	0.349	2.267	6.496	1811.	28.	13.	764.9	24.9	1
2512	0	460	37.6297	89.7385	-952.5	ODP	8.71	1.99	1.55	0.228	1.286	5.632	1917.	44.	11.	764.9	24.9	1
2513	0	464	37.6297	89.7392	-954.0	ODP	10.18	3.37	1.22	0.331	2.766	8.359	2032.	35.	10.	763.8	25.0	1
2514	0	464	37.6297	89.7400	-956.7	ODP	7.61	3.42	1.44	0.450	2.379	5.289	1952.	49.	16.	763.8	25.0	1
2515	0	452	37.6297	89.7407	-957.7	ODP	6.10	3.36	1.18	0.550	2.856	5.189	1959.	35.	15.	764.3	25.0	1
2516	0	452	37.6297	89.7414	-958.0	ODP	7.35	3.78	1.31	0.515	2.881	5.597	1924.	41.	12.	763.8	25.0	1
2517	0	452	37.6297	89.7422	-960.0	ODP	8.21	5.17	1.15	0.629	4.506	7.161	1942.	27.	10.	763.8	25.0	1
2518	0	464	37.6297	89.7429	-960.2	ODP	9.56	1.80	1.54	0.189	1.175	6.225	1855.	42.	9.	764.3	25.0	1
2519	0	464	37.6297	89.7436	-960.5	ODP	10.32	3.38	1.22	0.328	2.772	8.458	1930.	48.	7.	763.8	25.0	1
2520	0	444	37.6297	89.7443	-962.7	ODP	8.25	4.25	1.07	0.515	3.958	7.680	1869.	31.	4.	764.3	25.0	1
2521	0	444	37.6297	89.7450	-964.7	ODP	10.76	2.77	1.66	0.258	1.670	6.484	2022.	34.	2.	764.3	25.0	1
2522	0	440	37.6297	89.7457	-965.7	ODP	9.82	2.60	1.35	0.265	1.917	7.247	1938.	37.	5.	765.4	25.1	1
2523	0	440	37.6297	89.7465	-966.2	ODP	6.84	5.19	1.18	0.760	4.418	5.816	1873.	48.	5.	765.4	25.1	1
2524	0	452	37.6297	89.7472	-966.7	ODP	10.00	2.16	1.12	0.216	1.940	8.970	1902.	33.	9.	765.4	25.0	1
2525	0	456	37.6297	89.7479	-967.2	ODP	5.60	4.53	1.20	0.809	3.771	4.659	1833.	37.	9.	765.4	25.1	1
2526	0	460	37.6297	89.7486	-968.2	ODP	8.53	4.29	1.35	0.503	3.179	6.318	1948.	34.	11.	766.4	25.1	1
2527	0	456	37.6297	89.7493	-968.7	ODP	12.71	2.38	1.66	0.187	1.437	7.679	2011.	33.	10.	766.4	25.2	1
2528	10	448	37.6297	89.7500	-969.2	ODP	9.25	1.73	1.37	0.0	0.0	6.762	1904.	54.	12.	766.4	25.2	1
2529	0	436	37.6297	89.7507	-969.7	ODP	6.64	6.06	1.40	0.912	4.331	4.747	1976.	34.	13.	765.4	25.2	1
2530	0	428	37.6297	89.7515	-969.7	ODP	7.67	2.62	1.47	0.341	1.777	5.205	1799.	48.	13.	765.4	25.2	1
2531	0	440	37.6297	89.7522	-971.5	ODP	6.68	2.61	1.46	0.390	1.791	4.590	1908.	42.	10.	764.3	25.2	1
2532	0	444	37.6297	89.7529	-972.5	ODP	11.40	2.74	1.70	0.240	1.611	6.704	1988.	36.	13.	763.8	25.2	1
2533	0	448	37.6297	89.7536	-971.7	ODP	8.40	4.72	1.22	0.561	3.864	6.886	1979.	40.	11.	764.3	25.3	1
2534	0	448	37.6297	89.7543	-970.5	ODP	7.57	1.77	1.83	0.234	0.966	4.128	2073.	37.	11.	764.9	25.2	1
2535	10	452	37.6297	89.7551	-972.2	ODP	9.45	1.66	1.74	0.0	0.0	5.426	2053.	39.	14.	764.9	25.2	1
2536	0	452	37.6298	89.7558	-974.0	ODP	9.71	2.43	1.44	0.250	1.682	6.733	2047.	26.	13.	765.9	25.2	1
2537	0	448	37.6298	89.7565	-972.2	ODP	10.72	3.92	1.63	0.365	2.402	6.575	1956.	39.	9.	766.9	25.2	1
2538	0	448	37.6297	89.7572	-973.0	ODP	8.50	3.26	1.25	0.383	2.605	6.795	1919.	53.	15.	766.4	25.2	1
2539	0	448	37.6297	89.7579	-973.2	ODP	10.29	2.64	1.51	0.256	1.750	6.829	1963.	36.	15.	765.4	25.2	1
2540	0	448	37.6297	89.7587	-972.5	ODP	9.26	2.24	1.55	0.242	1.441	5.961	1839.	43.	12.	764.3	25.2	1
2541	0	452	37.6297	89.7594	-971.7	ODP	10.38	2.07	1.46	0.199	1.420	7.133	1960.	37.	18.	763.8	25.2	1
2542	0	460	37.6297	89.7601	-973.7	UDP	7.79	2.64	1.39	0.339	1.896	5.591	1885.	33.	20.	764.3	25.1	1
2543	0	460	37.6298	89.7608	-974.2	ODP	8.54	2.09	1.17	0.244	1.786	7.310	1903.	46.	19.	764.9	25.2	1
2544	0	460	37.6298	89.7615	-973.0	ODP	7.42	3.43	1.45	0.462	2.367	5.121	1959.	33.	21.	764.9	25.1	1

*	TAGS			* LOCATION		*		REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2545	10	456	37.6298	89.7622	-973.2	ODP	9.89	1.35	1.44	0.0	0.0	6.878	1891.	43.	16.	765.9	25.2	1
2546	10	468	37.6298	89.7630	-974.2	ODP	7.19	0.55	1.62	0.0	0.0	4.432	1847.	49.	17.	765.9	25.1	1
2547	0	480	37.6298	89.7637	-973.5	ODP	10.55	2.13	1.35	0.202	1.574	7.793	1921.	40.	13.	764.3	25.1	1
2548	10	492	37.6298	89.7644	-972.5	ODP	8.86	0.93	1.49	0.0	0.0	5.954	1894.	51.	12.	763.8	25.1	1
2549	0	500	37.6298	89.7651	-974.0	ODP	9.34	2.70	1.62	0.289	1.671	5.776	1971.	39.	14.	763.8	25.2	1
2550	0	508	37.6298	89.7659	-974.7	ODP	7.47	2.50	1.22	0.335	2.055	6.131	1857.	41.	8.	764.3	25.1	1
2551	10	520	37.6298	89.7666	-974.7	ODP	7.89	1.37	1.88	0.0	0.0	4.203	1956.	43.	14.	765.4	25.1	1
2552	0	520	37.6298	89.7673	-974.5	ODP	8.09	2.41	1.67	0.298	1.439	4.833	2039.	30.	12.	765.4	25.1	1
2553	0	520	37.6298	89.7680	-974.7	ODP	7.70	2.97	1.35	0.385	2.197	5.699	1899.	41.	14.	764.3	25.1	1
2554	0	524	37.6298	89.7687	-976.7	ODP	7.35	4.39	1.19	0.598	3.687	6.169	2001.	38.	15.	763.3	25.1	1
2555	0	520	37.6299	89.7695	-975.5	ODP	10.04	2.36	1.72	0.235	1.375	5.842	2014.	39.	13.	763.3	25.1	1
2556	0	516	37.6299	89.7702	-975.0	ODP	6.48	3.91	1.78	0.604	2.195	3.632	2090.	34.	13.	764.3	25.1	1
2557	0	520	37.6299	89.7709	-976.0	ODP	7.31	4.06	1.42	0.555	2.849	5.130	1940.	33.	10.	765.4	25.1	1
2558	0	524	37.6298	89.7716	-977.2	ODP	9.79	2.80	1.33	0.286	2.106	7.359	1926.	49.	9.	764.3	25.1	1
2559	0	524	37.6298	89.7723	-977.5	ODP	7.42	5.72	1.33	0.772	4.307	5.581	1846.	32.	9.	763.8	25.1	1
2560	0	520	37.6298	89.7731	-977.5	ODP	10.51	3.48	1.14	0.331	3.042	9.183	1843.	36.	7.	764.3	25.1	1
2561	0	516	37.6299	89.7737	-978.5	ODP	7.99	2.94	1.51	0.368	1.945	5.284	1831.	42.	9.	764.9	25.2	1
2562	0	512	37.6299	89.7744	-977.7	ODP	10.09	3.08	1.52	0.305	2.027	6.643	1949.	34.	9.	764.9	25.2	1
2563	0	504	37.6299	89.7752	-977.0	ODP	9.68	3.04	1.50	0.314	2.030	6.461	1848.	52.	4.	763.3	25.2	1
2564	0	500	37.6299	89.7758	-978.2	ODP	7.21	1.91	1.28	0.265	1.490	5.616	1763.	39.	10.	763.3	25.1	1
2565	0	512	37.6299	89.7766	-980.7	ODP	7.65	2.07	1.39	0.271	1.490	5.492	1767.	44.	9.	765.4	25.1	1
2566	0	516	37.6299	89.7773	-980.2	ODP	8.83	4.33	1.39	0.491	3.107	6.329	1859.	33.	6.	766.4	25.1	1
2567	0	524	37.6299	89.7780	-981.0	ODP	6.75	2.81	1.61	0.416	1.746	4.199	1832.	33.	9.	764.3	25.1	1
2568	0	524	37.6299	89.7788	-981.0	ODP	8.42	2.41	1.37	0.286	1.754	6.128	1831.	48.	7.	763.3	25.1	1
2569	0	516	37.6299	89.7795	-982.2	ODP	9.67	3.72	1.36	0.385	2.735	7.110	1924.	41.	8.	764.9	25.1	1
2570	0	516	37.6299	89.7802	-983.2	OJD	8.62	4.73	1.39	0.549	3.396	6.191	1871.	36.	3.	765.4	25.0	1
2571	10	512	37.6299	89.7809	-983.5	OJD	8.50	1.59	1.54	0.0	0.0	5.519	1804.	48.	10.	763.8	25.0	1
2572	0	512	37.6299	89.7817	-984.0	OJD	7.09	3.69	1.32	0.520	2.800	5.388	1844.	31.	8.	763.8	25.0	1
2573	10	504	37.6299	89.7824	-984.5	OJD	9.02	0.93	1.37	0.0	0.0	6.605	1793.	42.	14.	765.4	25.0	1
2574	0	496	37.6299	89.7831	-984.7	OJD	8.95	4.48	1.10	0.500	4.060	8.121	1812.	37.	7.	765.4	24.9	1
2575	0	488	37.6299	89.7838	-984.7	OJD	5.26	2.93	1.56	0.558	1.877	3.365	1807.	46.	12.	762.8	25.1	1
2576	0	492	37.6299	89.7845	-987.0	OJD	6.29	3.17	1.24	0.504	2.552	5.063	1862.	46.	15.	764.3	25.2	1
2577	0	500	37.6299	89.7853	-986.5	OJD	10.19	2.26	1.15	0.222	1.976	8.890	1836.	37.	12.	765.4	25.1	1
2578	0	512	37.6299	89.7860	-986.5	OJD	6.75	4.61	1.14	0.684	4.037	5.906	1799.	45.	12.	763.8	25.0	1
2579	0	516	37.6299	89.7866	-988.0	OJD	9.07	2.03	1.28	0.223	1.588	7.106	1820.	43.	11.	764.3	25.1	1
2580	0	516	37.6300	89.7873	-989.0	OJD	9.32	3.92	1.65	0.421	2.383	5.658	1912.	56.	11.	765.4	25.0	1
2581	0	520	37.6299	89.7881	-989.2	OJD	9.84	2.31	1.50	0.235	1.539	6.560	1933.	38.	13.	763.8	25.1	1
2582	0	520	37.6299	89.7888	-990.0	OJD	10.60	4.24	1.52	0.400	2.789	6.978	2081.	33.	12.	764.3	25.1	1
2583	0	500	37.6299	89.7895	-989.5	OJD	8.12	3.75	1.15	0.462	3.263	7.064	1875.	33.	17.	765.4	25.1	1
2584	0	492	37.6299	89.7902	-992.5	OJD	5.50	1.96	1.49	0.356	1.311	3.686	1836.	45.	17.	763.8	25.1	1
2585	10	492	37.6299	89.7909	-993.2	OJD	9.11	1.48	1.13	0.0	0.0	8.094	1896.	30.	19.	763.8	25.1	1
2586	0	496	37.6299	89.7917	-993.2	OJD	6.84	3.58	1.21	0.524	2.956	5.644	1927.	47.	23.	764.9	25.1	1
2587	10	504	37.6300	89.7924	-993.2	OJD	9.14	0.95	1.46	0.0	0.0	6.247	1881.	36.	24.	763.8	25.1	1
2588	0	500	37.6300	89.7931	-993.0	OJD	7.09	2.79	1.69	0.393	1.648	4.193	1918.	36.	22.	764.3	25.1	1
2589	10	488	37.6300	89.7939	-990.7	OJD	10.09	1.89	1.48	0.0	0.0	6.805	1911.	37.	19.	764.9	25.2	1
2590	10	480	37.6300	89.7945	-992.2	OJD	9.17	-0.58	1.27	0.0	0.0	7.249	1826.	40.	23.	764.3	25.2	1
2591	10	476	37.6300	89.7953	-994.7	OJD	9.17	1.43	1.26	0.0	0.0	7.268	1887.	31.	20.	764.9	25.2	1
2592	0	468	37.6299	89.7960	-996.7	OJD	6.46	5.14	1.34	0.796	3.839	4.824	1872.	46.	15.	764.3	25.2	1
2593	10	460	37.6300	89.7967	-999.0	OJD	7.72	0.22	1.83	0.0	0.0	4.223	1822.	46.	18.	764.3	25.2	1
2594	10	456	37.6300	89.7974	-998.5	OJD	10.11	1.40	1.48	0.0	0.0	6.819	1793.	48.	16.	764.9	25.1	1
2595	10	452	37.6300	89.7982	-998.7	OJD	9.77	1.64	1.04	0.0	0.0	9.361	1811.	51.	14.	763.8	25.1	1
2596	0	464	37.6300	89.7988	-999.2	OJD	8.13	2.77	1.38	0.340	2.009	5.901	1845.	34.	9.	763.8	25.0	1
2597	0	476	37.6300	89.7995	-1001.0	OJD	5.95	5.72	1.33	0.961	4.313	4.487	1936.	35.	5.	764.3	25.0	1

* ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	REDUCED DATA U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
2598	0	476	37.6300	89.8003	-1002.7		OJD	9.94	4.43	1.15	0.446	3.850	8.641	1933.	38.	4.	764.3	25.0	1
2599	0	480	37.6300	89.8010	-1003.7		OJD	9.76	4.81	1.55	0.493	3.115	6.313	1982.	29.	5.	764.9	25.0	1
2600	0	488	37.6300	89.8017	-1003.5		OJD	9.66	3.54	1.64	0.366	2.160	5.897	1907.	41.	5.	764.9	25.0	1
2601	0	500	37.6300	89.8024	-1005.0		OJD	8.89	4.25	1.30	0.478	3.263	6.832	1877.	47.	3.	764.3	25.0	1
2602	0	504	37.6300	89.8032	-1006.2		OJD	8.37	3.86	1.39	0.461	2.778	6.030	1952.	43.	9.	764.9	25.0	1
2603	0	500	37.6300	89.8039	-1007.2		OJD	8.79	5.60	1.21	0.638	4.625	7.252	1935.	41.	9.	764.9	25.0	1
2604	0	492	37.6300	89.8046	-1009.0		OJD	5.83	5.05	1.72	0.865	2.935	3.393	2041.	38.	13.	764.3	25.0	1
2605	0	484	37.6301	89.8053	-1010.0		OJD	10.59	2.50	1.08	0.236	2.316	9.803	1804.	49.	11.	764.9	25.0	1
2606	0	476	37.6301	89.8060	-1011.0		OJD	7.16	3.20	1.28	0.448	2.506	5.599	1848.	41.	12.	764.9	25.0	1
2607	0	476	37.6301	89.8068	-1011.5		OJD	6.66	3.24	1.23	0.487	2.633	5.410	1829.	36.	14.	764.3	25.0	1
2608	0	468	37.6301	89.8075	-1012.0		OJD	7.93	2.39	1.40	0.301	1.705	5.662	1843.	27.	11.	764.9	25.0	1
2609	0	468	37.6300	89.8082	-1012.7		OJD	8.05	2.99	1.46	0.371	2.051	5.523	1843.	31.	9.	764.3	25.0	1
2610	0	468	37.6300	89.8089	-1014.5		OJD	8.24	2.28	1.43	0.277	1.597	5.763	1729.	41.	7.	763.8	25.0	1
2611	10	468	37.6300	89.8096	-1016.7		OJD	7.71	0.90	1.43	0.0	0.0	5.383	1804.	47.	13.	763.8	25.0	1
2612	0	472	37.6301	89.8104	-1017.2		OJD	6.35	4.35	1.57	0.685	2.768	4.042	1844.	40.	9.	763.8	25.0	1
2613	0	472	37.6301	89.8111	-1017.7		OJD	5.27	3.48	1.93	0.659	1.804	2.737	1904.	38.	9.	763.8	25.0	1
2614	0	460	37.6301	89.8118	-1018.5		OJD	7.21	3.10	1.42	0.429	2.181	5.083	1859.	38.	10.	764.3	25.0	1
2615	0	448	37.6301	89.8125	-1019.2		OJD	7.18	3.65	1.13	0.509	3.233	6.357	1631.	35.	7.	763.8	25.0	1
2616	0	504	37.6301	89.8132	-1018.7		OJD	6.96	5.03	0.86	0.722	5.832	8.073	1743.	43.	6.	763.3	24.9	1
2617	0	508	37.6301	89.8139	-1020.0		OJD	4.14	3.07	1.66	0.742	1.845	2.487	1671.	42.	9.	763.3	24.9	1
2618	0	456	37.6301	89.8147	-1021.2		OJD	6.24	1.93	1.04	0.309	1.861	6.023	1568.	43.	7.	763.8	24.9	1
2619	0	480	37.6301	89.8154	-1020.7		OJD	4.37	4.53	1.10	1.035	4.114	3.974	1602.	48.	9.	764.3	24.9	1
2620	0	488	37.6301	89.8161	-1018.7		OJD	5.56	4.28	1.52	0.770	2.811	3.652	1836.	39.	10.	763.8	24.9	1
2621	0	484	37.6301	89.8168	-1017.2		OJD	8.52	2.34	1.44	0.275	1.626	5.919	1782.	43.	8.	763.3	24.9	1
2622	0	472	37.6301	89.8175	-1015.0		OJD	6.37	3.66	1.28	0.574	2.851	4.969	1635.	36.	8.	763.3	24.9	1
2623	10	484	37.6301	89.8183	-1014.2		OJD	11.02	0.59	1.18	0.0	0.0	9.351	1697.	40.	9.	763.8	25.0	1
2624	0	484	37.6301	89.8190	-1016.5		OJD	6.76	3.39	1.16	0.502	2.916	5.810	1785.	37.	9.	764.3	25.0	1
2625	0	464	37.6301	89.8197	-1016.0		OJD	9.97	2.42	1.46	0.243	1.657	6.820	1763.	32.	6.	763.8	25.0	1
2626	0	452	37.6301	89.8204	-1014.2		OJD	7.49	3.08	1.30	0.412	2.379	5.778	1729.	44.	10.	763.3	25.1	1
2627	0	444	37.6301	89.8212	-1014.0		OJD	5.32	3.34	1.15	0.628	2.915	4.645	1674.	45.	11.	763.3	25.1	1
2628	10	448	37.6301	89.8219	-1011.7		OJD	6.67	1.27	1.41	0.0	0.0	4.734	1713.	39.	10.	763.8	25.1	1
2629	10	440	37.6301	89.8226	-1009.2		OJD	7.25	1.27	1.60	0.0	0.0	4.536	1627.	42.	9.	764.3	25.1	1
2630	0	432	37.6301	89.8233	-1007.0		OJD	7.01	2.58	1.37	0.369	1.883	5.109	1745.	37.	12.	763.8	25.0	1
2631	0	428	37.6302	89.8240	-1003.0		OJD	9.23	2.97	1.30	0.322	2.288	7.109	1825.	38.	12.	763.3	25.0	1
2632	0	424	37.6302	89.8247	-1000.7		OJD	7.45	4.32	1.12	0.579	3.856	6.659	1855.	46.	13.	764.3	25.0	1
2633	0	412	37.6301	89.8254	-999.2		OJD	8.80	3.38	1.47	0.384	2.303	5.999	1872.	43.	11.	764.9	25.0	1
2634	10	404	37.6301	89.8261	-994.2		OJD	9.25	1.33	1.56	0.0	0.0	5.915	1801.	34.	16.	764.3	25.0	1
2635	10	416	37.6301	89.8268	-990.5		OJD	10.58	1.39	1.33	0.0	0.0	7.927	1831.	43.	15.	763.8	25.0	1
2636	0	428	37.6301	89.8275	-986.2		OJD	7.70	3.71	1.50	0.481	2.471	5.133	1861.	38.	11.	763.8	25.0	1
2637	0	440	37.6302	89.8283	-981.5		OJD	8.07	2.55	1.40	0.316	1.821	5.768	1870.	40.	14.	764.3	25.0	1
2638	10	452	37.6302	89.8290	-977.7		OJD	7.55	1.18	1.24	0.0	0.0	6.078	1633.	26.	14.	763.8	25.0	1
2639	0	468	37.6302	89.8297	-972.7		OJD	8.87	2.11	1.24	0.238	1.706	7.162	1696.	51.	14.	763.8	25.1	1
2640	10	452	37.6302	89.8305	-967.2		OJD	7.13	1.23	1.18	0.0	0.0	6.043	1651.	38.	15.	763.8	25.0	1
2641	10	444	37.6302	89.8312	-962.2		OSE-2	6.33	1.45	1.29	0.0	0.0	4.913	1480.	41.	11.	764.3	25.1	1
2642	10	460	37.6302	89.8319	-956.2		OSE-2	7.62	0.82	1.10	0.0	0.0	6.907	1497.	43.	9.	763.8	25.1	1
2643	10	468	37.6302	89.8326	-951.0		OSE-2	6.49	-0.22	0.91	0.0	0.0	7.142	1381.	42.	10.	763.8	25.1	1
2644	0	456	37.6302	89.8334	-944.2		OSE-2	8.63	1.97	1.02	0.228	1.936	8.497	1436.	39.	9.	764.3	25.1	1
2645	10	436	37.6302	89.8340	-938.0		OSE-2	9.79	-0.36	1.07	0.0	0.0	9.123	1387.	39.	7.	763.8	25.1	1
2646	0	420	37.6302	89.8348	-931.0		OSE-2	5.72	2.08	1.08	0.364	1.921	5.276	1413.	47.	9.	763.3	25.1	1
2647	0	400	37.6302	89.8355	-924.5		OSE-2	7.32	2.70	1.05	0.369	2.582	6.990	1535.	43.	7.	764.3	25.1	1
2648	0	400	37.6302	89.8362	-918.5		OSE-2	6.86	2.54	1.02	0.370	2.484	6.713	1682.	31.	10.	764.3	25.2	1
2649	0	416	37.6302	89.8370	-911.2		OSE-2	7.48	2.15	1.12	0.288	1.920	6.672	1703.	42.	10.	763.3	25.2	1
2650	0	420	37.6302	89.8377	-904.5		OSE-2	8.29	2.60	0.82	0.313	3.152	10.065	1554.	37.	12.	764.3	25.2	1

*	TAGS		* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2651	0	424	37.6302	89.8384	-895.5	OSE-2	6.71	2.87	1.02	0.428	2.812	6.568	1549.	42.	12.	764.9	25.1	1
2652	0	436	37.6302	89.8391	-888.7	OSE-2	5.35	2.78	0.86	0.519	3.242	6.244	1387.	45.	12.	763.3	25.1	1
2653	0	448	37.6302	89.8399	-881.0	OSE-2	6.49	2.38	0.98	0.367	2.440	6.656	1390.	38.	8.	763.8	25.2	1
2654	0	472	37.6302	89.8406	-872.2	OSE-2	8.30	3.34	0.67	0.403	5.019	12.455	1390.	49.	9.	764.9	25.2	1
2655	0	476	37.6302	89.8413	-863.5	OSE-2	6.90	2.24	1.29	0.325	1.738	5.341	1503.	43.	10.	763.8	25.2	1
2656	0	468	37.6302	89.8421	-855.5	OSE-2	6.44	2.28	1.03	0.354	2.224	6.275	1537.	37.	9.	763.3	25.2	1
2657	0	452	37.6302	89.8428	-847.5	OSE-2	6.72	2.95	1.07	0.439	2.766	6.296	1589.	43.	8.	764.9	25.3	1
2658	0	428	37.6302	89.8436	-839.2	OSE-2	8.43	2.69	1.00	0.319	2.683	8.407	1573.	37.	9.	764.3	25.3	1
2659	0	420	37.6302	89.8443	-830.2	OSE-2	8.38	2.18	1.11	0.260	1.966	7.570	1629.	39.	6.	763.8	25.3	1
2660	0	428	37.6302	89.8450	-824.0	OSE-2	8.60	4.01	1.01	0.466	3.961	8.506	1606.	33.	7.	764.9	25.3	1
2661	0	440	37.6302	89.8457	-815.2	OSE-2	6.83	2.30	1.07	0.337	2.145	6.365	1563.	54.	11.	763.8	25.4	1
2662	0	436	37.6302	89.8465	-807.0	OSE-2	7.43	3.47	1.07	0.467	3.234	6.927	1480.	34.	7.	764.3	25.3	1
2663	10	436	37.6302	89.8473	-798.5	OSE-2	8.31	1.54	1.14	0.0	0.0	7.291	1521.	45.	9.	764.9	25.4	1
2664	0	416	37.6302	89.8480	-790.7	OSE-2	5.23	4.22	0.96	0.808	4.395	5.440	1509.	46.	6.	763.3	25.4	1
2665	0	400	37.6302	89.8487	-782.2	OSE-2	6.76	2.90	1.12	0.429	2.587	6.025	1524.	54.	5.	763.8	25.4	1
2666	0	404	37.6302	89.8494	-774.0	OSE-2	4.10	4.50	1.00	1.096	4.484	4.091	1537.	48.	1.	764.9	25.4	1
2667	0	420	37.6302	89.8502	-765.0	OSE-2	4.93	3.13	1.19	0.636	2.630	4.139	1583.	30.	5.	763.3	25.4	1
2668	0	444	37.6302	89.8509	-757.2	OSE-2	7.35	3.41	0.96	0.464	3.574	7.696	1470.	43.	0.	764.9	25.4	1
2669	0	468	37.6302	89.8517	-749.5	OSE-2	6.74	2.00	1.23	0.298	1.623	5.456	1515.	50.	0.	764.3	25.4	1
2670	0	488	37.6302	89.8524	-741.0	OSE-2	5.55	1.78	1.37	0.321	1.299	4.050	1436.	43.	1.	762.8	25.4	1
2671	0	492	37.6302	89.8531	-733.5	OSE-2	5.78	3.29	1.02	0.570	3.242	5.688	1343.	41.	3.	764.9	25.3	1
2672	0	508	37.6302	89.8539	-726.0	OSE-2	4.42	2.13	0.95	0.482	2.240	4.643	1346.	49.	3.	764.3	25.3	1
2673	0	520	37.6302	89.8547	-717.5	OSE-2	6.45	4.23	0.75	0.657	5.645	8.598	1371.	35.	6.	763.3	25.3	1
2674	0	524	37.6302	89.8554	-710.0	OSE-2	6.79	3.09	1.02	0.455	3.026	6.651	1396.	34.	10.	764.3	25.2	1
2675	0	528	37.6302	89.8561	-701.7	OJC	7.24	3.44	0.73	0.475	4.680	9.857	1411.	36.	12.	763.3	25.2	1
2676	10	536	37.6302	89.8568	-693.7	OJC	7.70	1.49	0.94	0.0	0.0	8.156	1387.	34.	17.	761.8	25.1	1
2677	10	544	37.6302	89.8576	-685.0	OJC	6.22	-1.28	1.25	0.0	0.0	4.988	1314.	38.	23.	763.8	25.1	1
2678	10	552	37.6302	89.8583	-679.0	OJC	5.24	-0.27	0.82	0.0	0.0	6.358	1251.	39.	22.	763.8	25.1	1
2679	0	556	37.6302	89.8590	-672.2	OJC	3.60	2.30	0.77	0.640	2.980	4.655	1334.	32.	19.	761.8	25.0	1
2680	10	512	37.6302	89.8597	-663.5	OJC	3.47	1.16	0.97	0.0	0.0	3.577	1234.	50.	17.	762.3	25.0	1
2681	10	500	37.6302	89.8605	-656.7	OJC	4.31	1.12	0.84	0.0	0.0	5.138	1235.	43.	14.	763.8	25.0	1
2682	10	524	37.6302	89.8613	-650.7	OJC	4.79	1.70	1.14	0.0	0.0	4.223	1350.	39.	14.	761.8	24.9	1
2683	0	528	37.6302	89.8620	-642.5	OJC	5.08	2.49	0.75	0.489	3.328	6.801	1430.	49.	7.	761.8	25.0	1
2684	0	520	37.6302	89.8627	-635.7	OJC	4.95	3.37	1.36	0.681	2.472	3.630	1526.	41.	8.	763.8	25.0	1
2685	0	516	37.6302	89.8635	-629.2	OJC	7.61	2.02	1.34	0.266	1.507	5.668	1574.	36.	7.	762.3	25.0	1
2686	0	532	37.6302	89.8642	-621.7	OJC	6.23	3.20	0.78	0.514	4.085	7.952	1582.	45.	9.	760.2	25.0	1
2687	0	532	37.6302	89.8649	-614.2	OJC	5.99	3.22	1.01	0.537	3.172	5.907	1627.	32.	11.	762.3	25.1	1
2688	10	520	37.6302	89.8657	-609.7	OJC	7.06	1.90	1.01	0.0	0.0	6.997	1545.	37.	12.	762.8	25.0	1
2689	10	524	37.6302	89.8664	-603.2	OSE-2	5.64	1.40	1.17	0.0	0.0	4.822	1598.	47.	15.	760.7	25.0	1
2690	10	536	37.6302	89.8672	-596.7	OSE-2	7.70	0.60	1.07	0.0	0.0	7.203	1507.	45.	15.	760.7	25.0	1
2691	10	556	37.6302	89.8679	-592.0	OSE-2	5.81	0.32	1.47	0.0	0.0	3.945	1553.	48.	20.	761.8	25.1	1
2692	10	548	37.6302	89.8687	-586.7	OSE-2	5.05	1.01	1.12	0.0	0.0	4.513	1566.	42.	16.	761.8	25.0	1
2693	0	496	37.6302	89.8694	-580.7	OSE-2	5.11	2.67	0.76	0.523	3.538	6.763	1438.	38.	17.	760.7	25.0	1
2694	0	480	37.6302	89.8702	-575.7	OSE-2	5.55	3.44	0.95	0.621	3.620	5.829	1468.	33.	15.	760.7	25.0	1
2695	10	508	37.6302	89.8709	-570.2	OSE-2	8.57	0.65	0.98	0.0	0.0	8.759	1552.	46.	13.	762.8	25.0	1
2696	0	500	37.6302	89.8716	-565.7	OSE-2	8.17	2.27	1.00	0.278	2.271	8.167	1605.	32.	12.	763.3	25.0	1
2697	0	480	37.6302	89.8723	-560.0	OSE-2	6.21	2.18	0.93	0.351	2.348	6.696	1552.	46.	9.	761.2	25.1	1
2698	0	464	37.6302	89.8730	-555.2	OSE-2	7.65	2.83	0.87	0.370	3.241	8.752	1538.	38.	10.	761.2	25.0	1
2699	0	452	37.6302	89.8738	-550.2	OSE-2	8.26	2.35	1.41	0.285	1.672	5.869	1698.	41.	8.	763.3	25.0	1
2700	10	444	37.6302	89.8745	-545.5	OSE-2	7.63	0.69	1.32	0.0	0.0	5.771	1630.	42.	10.	762.8	25.0	1
2701	0	444	37.6302	89.8752	-542.7	OSE-2	5.30	2.82	1.16	0.532	2.422	4.551	1672.	30.	11.	760.7	25.1	1
2702	0	440	37.6302	89.8760	-539.7	OSE-2	5.62	2.31	1.42	0.410	1.629	3.969	1665.	47.	10.	761.8	25.1	1
2703	0	428	37.6301	89.8768	-535.7	OSE-2	9.07	2.57	1.17	0.284	2.206	7.780	1750.	39.	6.	763.8	25.1	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2704	0	420	37.6302	89.8775	-533.2	OSE-2	8.16	2.99	1.31	0.366	2.273	6.215	1777.	43.	8.	761.8	25.1	1
2705	0	424	37.6302	89.8783	-531.2	OSE-2	8.78	3.70	1.15	0.422	3.224	7.637	1748.	52.	7.	760.7	25.1	1
2706	0	432	37.6302	89.8790	-528.2	OJC	8.58	2.86	1.40	0.334	2.037	6.109	1793.	37.	8.	761.8	25.1	1
2707	0	444	37.6302	89.8797	-527.5	OJC	7.55	2.61	1.24	0.346	2.102	6.074	1786.	46.	9.	763.8	25.1	1
2708	0	448	37.6302	89.8804	-525.2	OJC	9.20	1.97	1.39	0.214	1.419	6.618	1709.	43.	7.	762.8	25.1	1
2709	0	436	37.6302	89.8812	-523.5	OJC	7.27	2.64	1.25	0.363	2.117	5.832	1758.	39.	12.	761.2	25.1	1
2710	10	436	37.6302	89.8819	-522.2	OJC	9.58	1.25	1.27	0.0	0.0	7.531	1664.	42.	10.	761.2	25.0	1
2711	10	448	37.6302	89.8826	-520.7	OJC	9.72	0.80	1.42	0.0	0.0	6.858	1781.	46.	16.	762.3	25.1	1
2712	0	456	37.6301	89.8834	-520.0	OJC	6.49	1.91	1.67	0.294	1.144	3.893	1855.	29.	19.	763.3	25.1	1
2713	10	460	37.6301	89.8842	-519.7	OJC	8.79	0.18	1.32	0.0	0.0	6.655	1797.	36.	19.	763.3	24.9	1
2714	10	460	37.6301	89.8849	-517.7	OJC	9.26	0.89	1.44	0.0	0.0	6.428	1805.	39.	17.	761.2	24.9	1
2715	10	456	37.6302	89.8856	-516.2	OJC	9.62	1.55	1.28	0.0	0.0	7.532	1874.	35.	16.	760.2	25.1	1
2716	0	448	37.6302	89.8863	-515.2	OJC	7.63	2.87	0.99	0.376	2.904	7.718	1674.	41.	18.	761.8	25.1	1
2717	0	428	37.6302	89.8871	-513.5	OJC	6.37	2.40	1.09	0.376	2.190	5.823	1666.	40.	13.	762.8	25.0	1
2718	0	416	37.6302	89.8878	-513.7	OJC	6.86	3.01	0.83	0.438	3.644	8.314	1617.	30.	13.	762.8	25.1	1
2719	0	392	37.6302	89.8885	-512.5	OJC	5.51	2.82	1.06	0.512	2.658	5.195	1586.	42.	11.	762.8	25.1	1
2720	0	400	37.6302	89.8893	-511.2	OJC	8.77	3.51	1.25	0.400	2.817	7.039	1615.	41.	7.	761.8	25.2	1
2721	0	416	37.6302	89.8901	-511.0	OJC	7.12	2.55	1.10	0.359	2.316	6.460	1718.	36.	9.	761.8	25.1	1
2722	0	416	37.6301	89.8908	-510.0	OJC	8.87	2.41	1.14	0.272	2.112	7.773	1717.	46.	11.	760.7	25.1	1
2723	0	408	37.6301	89.8915	-509.0	OJC	6.86	4.06	1.11	0.591	3.643	6.163	1782.	39.	10.	760.2	25.1	1
2724	0	400	37.6301	89.8922	-507.5	OJC	9.33	3.64	1.23	0.390	2.951	7.572	1823.	45.	9.	762.3	25.1	1
2725	0	388	37.6301	89.8930	-507.0	OJC	9.73	3.46	1.07	0.355	3.219	9.066	1782.	40.	12.	763.3	25.2	1
2726	0	380	37.6302	89.8938	-506.7	OJC	8.54	2.02	1.41	0.237	1.433	6.053	1785.	51.	13.	763.3	25.1	1
2727	10	384	37.6302	89.8945	-508.0	OJC	7.09	0.87	1.32	0.0	0.0	5.359	1649.	56.	16.	763.3	25.2	1
2728	0	392	37.6302	89.8952	-507.5	OJC	5.73	2.50	1.23	0.436	2.039	4.672	1628.	47.	15.	763.3	25.2	1
2729	10	392	37.6302	89.8959	-508.0	OJC	5.36	0.93	1.23	0.0	0.0	4.340	1498.	35.	16.	761.2	25.2	1
2730	0	400	37.6302	89.8967	-508.2	OJC	7.35	1.60	1.05	0.217	1.526	7.024	1578.	37.	14.	761.2	25.2	1
2731	10	384	37.6302	89.8974	-509.5	OJC	5.68	1.41	0.82	0.0	0.0	6.930	1366.	36.	14.	761.8	25.2	1
2732	10	480	37.6301	89.8982	-510.2	OJC	6.02	1.08	1.06	0.0	0.0	5.696	1636.	40.	15.	760.7	25.2	1
2733	0	412	37.6301	89.8988	-511.2	OJC	5.53	1.66	1.03	0.301	1.607	5.342	1297.	50.	12.	760.7	25.2	1
2734	0	472	37.6301	89.8997	-512.7	OJC	5.31	4.01	0.87	0.756	4.605	6.088	1474.	39.	11.	761.8	25.2	1
2735	0	488	37.6301	89.9004	-512.5	OJC	5.52	2.15	0.93	0.390	2.323	5.959	1539.	43.	14.	761.8	25.3	1
2736	10	488	37.6301	89.9011	-514.0	OJC	7.65	0.51	0.95	0.0	0.0	8.025	1492.	36.	14.	761.8	25.3	1
2737	0	484	37.6302	89.9019	-517.0	OJC	6.93	2.45	1.13	0.354	2.179	6.156	1664.	33.	15.	762.8	25.3	1
2738	0	484	37.6302	89.9026	-517.7	OJC	5.62	1.97	0.79	0.350	2.492	7.113	1552.	55.	19.	762.8	25.3	1
2739	0	476	37.6302	89.9034	-519.0	OJC	6.37	1.90	1.14	0.297	1.667	5.606	1588.	49.	17.	762.3	25.2	1
2740	0	472	37.6302	89.9041	-522.0	OJC	6.17	3.53	1.01	0.573	3.508	6.126	1567.	25.	15.	763.3	25.2	1
2741	0	476	37.6302	89.9048	-526.2	OJC	6.40	2.77	0.99	0.433	2.813	6.497	1665.	40.	15.	763.3	25.2	1
2742	0	476	37.6302	89.9055	-529.7	OJC	7.85	3.30	1.18	0.421	2.808	6.668	1739.	40.	11.	762.8	25.2	1
2743	0	480	37.6301	89.9063	-533.0	OJC	7.44	3.63	0.88	0.488	4.148	8.498	1735.	36.	15.	762.8	25.2	1
2744	0	484	37.6301	89.9070	-536.7	OJC	8.48	2.68	1.39	0.316	1.925	6.084	1658.	40.	14.	762.8	25.1	1
2745	10	492	37.6301	89.9078	-541.5	OJC	6.60	1.56	1.27	0.0	0.0	5.216	1650.	32.	14.	762.3	25.1	1
2746	10	500	37.6301	89.9085	-546.5	OJC	5.97	1.75	1.19	0.0	0.0	5.016	1619.	37.	15.	761.8	25.1	1
2747	0	508	37.6301	89.9092	-551.2	OJC	5.99	3.59	1.14	0.600	3.163	5.269	1634.	49.	10.	760.7	25.0	1
2748	10	512	37.6302	89.9100	-554.5	OJC	8.12	0.63	1.26	0.0	0.0	6.444	1545.	30.	15.	761.8	25.0	1
2749	0	512	37.6302	89.9107	-560.5	OJC	6.44	3.29	0.94	0.512	3.514	6.865	1499.	49.	10.	762.8	25.0	1
2750	0	472	37.6302	89.9114	-566.7	OJC	6.36	2.98	0.60	0.468	4.960	10.609	1343.	41.	9.	760.7	24.9	1
2751	0	464	37.6302	89.9121	-570.5	OJC	6.22	2.07	0.84	0.333	2.463	7.405	1381.	46.	12.	760.7	24.9	1
2752	0	452	37.6301	89.9130	-575.0	OJC	3.74	2.49	0.58	0.668	4.310	6.457	1282.	48.	13.	761.8	24.9	1
2753	0	428	37.6301	89.9137	-579.7	OJC	5.79	2.18	0.85	0.377	2.562	6.794	1268.	45.	13.	761.8	24.9	1
2754	0	436	37.6301	89.9144	-586.0	OJC	5.82	2.07	0.93	0.355	2.217	6.248	1272.	32.	15.	761.8	24.9	1
2755	0	440	37.6301	89.9151	-592.2	OJC	4.49	2.22	0.87	0.494	2.556	5.178	1250.	40.	11.	760.7	24.9	1
2756	10	452	37.6301	89.9158	-598.2	OJC	5.19	0.56	1.08	0.0	0.0	4.801	1353.	39.	15.	760.7	24.8	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2757	10	440	37.6301	89.9166	-603.7	OJC	5.86	0.96	0.94	0.0	0.0	6.265	1373.	51.	15.	760.7	24.8	1
2758	0	416	37.6301	89.9174	-609.5	OJC	5.86	2.17	0.67	0.370	3.255	8.804	1329.	39.	11.	760.7	24.8	1
2759	10	424	37.6302	89.9181	-616.5	OJC	5.27	0.86	1.04	0.0	0.0	5.085	1330.	40.	10.	760.7	24.8	1
2760	10	420	37.6302	89.9188	-624.0	OJC	6.92	1.31	0.52	0.0	0.0	13.295	1320.	53.	9.	761.8	24.8	1
2761	0	432	37.6302	89.9196	-630.7	OJC	4.77	3.21	1.02	0.672	3.141	4.675	1410.	45.	6.	761.2	24.8	1
2762	0	424	37.6301	89.9203	-638.0	OJC	5.64	2.61	0.95	0.463	2.747	5.926	1466.	32.	5.	761.2	24.8	1
2763	0	384	37.6301	89.9211	-643.7	OJC	6.67	2.88	0.83	0.432	3.466	8.030	1471.	29.	6.	762.3	24.8	1
2764	0	364	37.6301	89.9218	-650.2	OJC	5.88	3.30	0.90	0.561	3.657	6.516	1413.	36.	3.	761.2	24.8	1
2765	0	388	37.6301	89.9225	-656.5	OJC	7.21	4.55	0.99	0.632	4.592	7.270	1513.	38.	3.	761.2	24.8	1
2766	0	380	37.6301	89.9233	-664.0	OJC	7.78	3.76	1.02	0.484	3.704	7.656	1683.	25.	7.	761.2	24.9	1
2767	0	368	37.6301	89.9240	-670.0	OJC	5.29	3.44	0.99	0.652	3.477	5.337	1537.	36.	10.	759.7	24.8	1
2768	0	364	37.6301	89.9247	-676.5	OJC	6.86	2.76	0.79	0.402	3.510	8.739	1460.	39.	10.	758.7	24.8	1
2769	0	352	37.6301	89.9254	-683.2	OJC	5.19	1.58	0.77	0.304	2.040	6.714	1318.	42.	12.	759.7	24.7	1
2770	0	364	37.6302	89.9262	-690.0	OJC	3.72	2.37	0.74	0.639	3.231	5.059	1320.	34.	16.	759.2	24.7	1
2771	0	380	37.6301	89.9269	-696.0	OJC	5.30	2.40	0.70	0.453	3.417	7.544	1298.	39.	13.	758.7	24.7	1
2772	0	408	37.6301	89.9277	-701.5	OJC	4.30	2.93	0.64	0.682	4.603	6.747	1238.	54.	9.	759.7	24.7	1
2773	10	432	37.6301	89.9284	-707.0	OJC	6.36	1.31	0.92	0.0	0.0	6.941	1346.	32.	12.	760.7	24.7	1
2774	0	464	37.6301	89.9291	-711.7	OJC	6.36	3.11	0.85	0.488	3.650	7.475	1405.	35.	14.	760.7	24.7	1
2775	10	492	37.6301	89.9299	-717.0	OJC	6.83	-0.42	1.06	0.0	0.0	6.422	1328.	46.	15.	759.7	24.7	1
2776	10	472	37.6301	89.9307	-723.2	OJC	4.46	1.18	1.05	0.0	0.0	4.241	1319.	43.	12.	759.7	24.6	1
2777	10	448	37.6301	89.9314	-728.5	OJC	5.01	0.26	1.15	0.0	0.0	4.345	1319.	34.	16.	758.7	24.6	1
2778	0	468	37.6301	89.9321	-731.7	OJC	9.17	1.89	0.58	0.206	3.237	15.694	1358.	30.	15.	758.7	24.6	1
2779	0	464	37.6301	89.9329	-735.0	OJC	5.79	2.35	0.80	0.405	2.951	7.287	1341.	37.	17.	758.7	24.5	1
2780	10	472	37.6301	89.9336	-738.5	OJC	6.32	0.76	0.64	0.0	0.0	9.907	1283.	46.	17.	758.7	24.5	1
2781	10	492	37.6301	89.9343	-743.0	OJC	6.21	0.29	1.26	0.0	0.0	4.936	1415.	44.	21.	758.7	24.5	1
2782	10	492	37.6301	89.9350	-746.0	OJC	6.17	1.28	0.93	0.0	0.0	6.615	1372.	37.	18.	759.7	24.5	1
2783	10	488	37.6301	89.9357	-748.7	OJC	4.57	1.81	0.72	0.0	0.0	6.335	1286.	44.	20.	759.7	24.6	1
2784	10	504	37.6301	89.9366	-754.2	OJC	5.07	1.23	0.90	0.0	0.0	5.608	1386.	37.	21.	758.7	24.5	1
2785	10	548	37.6301	89.9373	-756.2	OJC	7.77	2.18	0.68	0.0	0.0	11.507	1491.	49.	21.	758.1	24.5	1
2786	10	564	37.6301	89.9380	-757.0	OJC	4.25	1.11	0.86	0.0	0.0	4.918	1509.	44.	21.	758.1	24.5	1
2787	0	564	37.6301	89.9387	-760.5	OJC	3.40	3.30	1.16	0.970	2.839	2.926	1514.	39.	16.	758.7	24.5	1
2788	0	560	37.6301	89.9395	-764.2	OJC	4.80	4.10	0.90	0.854	4.555	5.337	1584.	40.	15.	759.7	24.5	1
2789	10	540	37.6301	89.9402	-765.2	OJC	8.06	0.18	1.32	0.0	0.0	6.091	1580.	42.	15.	759.7	24.5	1
2790	10	520	37.6301	89.9410	-766.7	OJC	7.63	1.64	1.02	0.0	0.0	7.494	1501.	50.	12.	758.7	24.5	1
2791	0	516	37.6301	89.9417	-769.5	OJC	6.75	4.02	0.82	0.596	4.923	8.264	1568.	43.	7.	758.7	24.4	1
2792	10	492	37.6301	89.9424	-770.7	OJC	6.84	1.82	1.01	0.0	0.0	6.747	1521.	50.	13.	758.7	24.4	1
2793	0	484	37.6301	89.9432	-771.7	OJC	6.99	2.19	0.99	0.314	2.207	7.035	1443.	43.	9.	759.7	24.4	1
2794	0	484	37.6301	89.9439	-772.7	OJC	7.92	3.28	0.70	0.415	4.678	11.277	1612.	36.	6.	758.7	24.4	1
2795	0	488	37.6301	89.9447	-773.2	OJC	9.13	3.16	0.84	0.346	3.764	10.889	1636.	37.	9.	757.6	24.5	1
2796	0	484	37.6301	89.9454	-774.0	OJC	6.87	2.65	0.71	0.386	3.714	9.612	1587.	40.	14.	758.7	24.5	1
2797	0	484	37.6301	89.9462	-775.5	OJC	8.35	2.56	1.19	0.306	2.148	7.017	1645.	38.	12.	759.7	24.5	1
2798	0	480	37.6301	89.9469	-777.5	OJC	8.77	2.37	0.97	0.271	2.444	9.031	1685.	38.	12.	758.7	24.5	1
2799	0	456	37.6301	89.9476	-778.2	OJC	8.05	3.05	1.04	0.379	2.923	7.707	1722.	46.	16.	758.1	24.5	1
2800	0	456	37.6301	89.9483	-780.0	OJC	8.45	2.41	0.84	0.285	2.888	10.124	1668.	30.	17.	759.2	24.4	1
2801	0	452	37.6301	89.9491	-781.2	OJC	7.26	2.54	1.07	0.350	2.373	6.783	1604.	35.	12.	759.7	24.5	1
2802	0	480	37.6301	89.9498	-780.2	OJC	5.43	3.50	1.04	0.645	3.371	5.228	1690.	38.	15.	758.7	24.5	1
2803	0	500	37.6301	89.9505	-780.5	OJC	7.03	2.30	1.29	0.328	1.781	5.434	1786.	42.	14.	758.7	24.5	1
2804	10	484	37.6301	89.9513	-782.0	OJC	7.25	1.05	1.30	0.0	0.0	5.595	1790.	41.	13.	759.7	24.5	1
2805	0	480	37.6301	89.9520	-781.2	OJC	7.42	4.52	0.94	0.609	4.824	7.924	1769.	43.	12.	758.7	24.5	1
2806	0	476	37.6301	89.9528	-781.2	OJC	7.94	2.88	1.24	0.362	2.320	6.401	1866.	40.	10.	757.6	24.5	1
2807	0	460	37.6301	89.9535	-782.5	OJC	7.01	3.61	1.05	0.515	3.422	6.647	1740.	54.	10.	759.7	24.6	1
2808	0	440	37.6301	89.9543	-783.0	OJC	7.98	4.17	1.05	0.522	3.953	7.575	1752.	38.	8.	760.2	24.6	1
2809	0	436	37.6301	89.9550	-784.0	OJC	6.96	3.25	1.14	0.467	2.849	6.094	1699.	50.	12.	757.6	24.6	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2810	10	436	37.6301	89.9557	-784.0		OJC	7.40	1.72	1.48	0.0	0.0	4.992	1790.	53.	14.	758.7	24.6	1
2811	0	432	37.6301	89.9565	-784.7		OJC	7.71	2.43	1.12	0.316	2.175	6.881	1740.	37.	16.	759.7	24.6	1
2812	0	436	37.6301	89.9572	-785.7		OJC	7.18	3.88	1.14	0.541	3.411	6.303	1802.	41.	12.	758.7	24.6	1
2813	0	424	37.6301	89.9579	-785.2		OJC	8.24	2.28	1.11	0.277	2.048	7.407	1774.	37.	13.	758.7	24.5	1
2814	0	416	37.6301	89.9586	-786.5		OJC	8.06	4.13	0.87	0.512	4.747	9.271	1842.	44.	15.	759.7	24.5	1
2815	0	420	37.6301	89.9595	-787.2		OJC	8.01	3.28	1.21	0.409	2.703	6.605	1781.	40.	9.	758.7	24.5	1
2816	0	428	37.6301	89.9602	-787.0		OJC	10.55	3.39	1.31	0.321	2.591	8.072	1880.	48.	11.	758.7	24.5	1
2817	0	412	37.6301	89.9609	-786.5		OJC	6.71	3.35	1.30	0.499	2.582	5.176	1884.	36.	12.	758.7	24.5	1
2818	0	400	37.6301	89.9616	-787.2		OJC	7.70	2.18	1.23	0.283	1.775	6.279	1773.	40.	10.	758.7	24.4	1
2819	0	396	37.6301	89.9624	-786.5		OJC	7.51	4.83	0.91	0.642	5.323	8.287	1808.	34.	7.	758.7	24.3	1
2820	0	400	37.6301	89.9631	-785.7		OJC	6.28	5.20	1.00	0.828	5.175	6.252	1853.	33.	11.	759.2	24.3	1
2821	0	408	37.6301	89.9638	-786.7		OJC	6.98	3.72	1.25	0.533	2.984	5.597	1767.	40.	11.	759.7	24.3	1
2822	0	416	37.6301	89.9646	-786.7		OJC	7.50	4.62	1.18	0.616	3.903	6.340	1804.	44.	9.	758.7	24.3	1
2823	0	420	37.6301	89.9653	-785.7		OJC	5.72	3.60	1.29	0.628	2.793	4.445	1803.	46.	16.	758.7	24.4	1
2824	0	420	37.6300	89.9661	-786.0		OJC	9.28	3.93	1.09	0.424	3.610	8.519	1891.	36.	14.	759.2	24.4	1
2825	0	412	37.6301	89.9668	-785.5		OJC	8.28	2.35	1.29	0.284	1.832	6.442	1809.	39.	18.	758.1	24.4	1
2826	0	388	37.6301	89.9675	-784.5		OJC	7.51	1.91	1.19	0.255	1.602	6.293	1745.	37.	17.	758.7	24.4	1
2827	10	396	37.6301	89.9682	-783.2		OJC	8.03	1.64	1.07	0.0	0.0	7.487	1697.	40.	19.	759.7	24.4	1
2828	10	440	37.6301	89.9690	-782.7		OJC	9.16	0.44	1.06	0.0	0.0	8.681	1869.	45.	19.	758.7	24.3	1
2829	0	436	37.6301	89.9698	-781.7		OJC	7.28	2.61	1.40	0.359	1.864	5.191	1842.	53.	20.	758.7	24.3	1
2830	10	424	37.6301	89.9705	-782.7		OJC	10.19	1.27	1.45	0.0	0.0	7.010	1893.	47.	18.	759.7	24.3	1
2831	0	400	37.6301	89.9712	-782.2		OJC	8.61	3.62	0.94	0.420	3.849	9.162	1777.	32.	15.	758.7	24.4	1
2832	0	396	37.6301	89.9719	-781.0		OJC	11.13	2.25	1.14	0.202	1.980	9.808	1830.	54.	10.	758.7	24.4	1
2833	0	408	37.6300	89.9727	-779.7		OJC	9.65	2.12	1.30	0.219	1.629	7.428	1885.	43.	13.	759.7	24.4	1
2834	0	400	37.6300	89.9734	-780.2		OJC	9.34	2.58	1.21	0.276	2.134	7.719	1829.	40.	13.	758.7	24.3	1
2835	0	396	37.6300	89.9742	-779.0		OJC	7.53	2.25	1.13	0.299	1.987	6.653	1741.	43.	17.	758.7	24.4	1
2836	0	396	37.6301	89.9749	-777.7		OJC	7.69	1.93	1.04	0.251	1.849	7.366	1758.	51.	13.	759.7	24.4	1
2837	0	400	37.6301	89.9757	-776.7		OJC	7.70	3.03	1.21	0.393	2.501	6.357	1787.	43.	12.	758.7	24.4	1
2838	0	400	37.6301	89.9764	-775.2		OJC	7.18	2.77	0.90	0.386	3.061	7.936	1724.	44.	15.	758.7	24.4	1
2839	0	380	37.6301	89.9771	-775.2		OJC	6.71	3.42	0.88	0.510	3.902	7.658	1495.	36.	12.	759.7	24.4	1
2840	0	368	37.6301	89.9779	-774.2		OJC	5.03	3.76	0.65	0.746	5.777	7.741	1305.	46.	7.	759.7	24.4	1
2841	10	356	37.6301	89.9786	-772.2		OJC	4.58	1.24	0.81	0.0	0.0	5.660	1210.	41.	13.	758.7	24.4	1
2842	0	372	37.6300	89.9794	-771.7		OJC	5.72	2.04	0.84	0.356	2.415	6.789	1246.	43.	9.	759.7	24.4	1
2843	0	384	37.6300	89.9801	-769.2		OJC	3.62	3.89	0.51	1.076	7.643	7.102	1243.	38.	8.	759.7	24.4	1
2844	0	396	37.6300	89.9808	-768.7		OJC	4.60	2.60	0.67	0.564	3.894	6.906	1187.	53.	10.	758.7	24.4	1
2845	0	412	37.6300	89.9815	-767.7		OJC	5.74	3.01	0.37	0.524	8.072	15.402	1309.	37.	9.	759.7	24.4	1
2846	0	396	37.6300	89.9823	-766.7		OJC	4.52	2.54	0.79	0.562	3.212	5.720	1162.	36.	7.	758.7	24.4	1
2847	0	408	37.6301	89.9830	-765.0		OJC	3.54	1.64	0.70	0.463	2.335	5.042	1155.	47.	10.	757.6	24.4	1
2848	0	424	37.6301	89.9838	-763.5		OJC	4.34	2.65	0.33	0.610	8.122	13.307	1139.	47.	11.	758.7	24.3	1
2849	0	420	37.6301	89.9845	-762.5		OJC	2.48	2.38	0.73	0.959	3.273	3.412	1119.	47.	15.	759.7	24.3	1
2850	10	440	37.6301	89.9852	-761.2		OJC	4.38	1.50	0.67	0.0	0.0	6.493	1290.	35.	15.	758.7	24.3	1
2851	10	456	37.6300	89.9860	-759.5		OJC	3.98	1.12	0.66	0.0	0.0	6.076	1247.	40.	18.	758.7	24.3	1
2852	10	492	37.6300	89.9867	-757.7		OJC	4.66	0.13	0.81	0.0	0.0	5.739	1353.	47.	20.	759.7	24.3	1
2853	10	512	37.6300	89.9874	-758.0		OJC	4.84	0.77	0.89	0.0	0.0	5.422	1415.	29.	21.	758.7	24.3	1
2854	0	460	37.6300	89.9882	-755.7		OJC	5.67	2.39	0.56	0.421	4.265	10.123	1289.	35.	16.	758.7	24.3	1
2855	0	424	37.6300	89.9890	-753.7		OR-1	3.14	4.94	0.36	1.573	13.662	8.686	1237.	31.	15.	759.7	24.3	1
2856	10	416	37.6300	89.9897	-750.7		OR-1	5.52	0.06	0.70	0.0	0.0	7.866	1191.	45.	16.	758.7	24.3	1
2857	0	416	37.6300	89.9904	-749.5		OR-1	2.43	1.72	0.56	0.707	3.097	4.383	1173.	38.	16.	759.2	24.3	1
2858	0	396	37.6301	89.9911	-747.5		OR-1	3.93	2.65	0.60	0.676	4.437	6.568	1168.	39.	19.	759.7	24.3	1
2859	0	360	37.6301	89.9919	-745.2		OR-1	3.22	4.04	0.32	1.257	12.798	10.179	1055.	37.	13.	758.7	24.3	1
2860	0	348	37.6300	89.9926	-742.7		OR-1	3.09	1.65	0.48	0.535	3.450	6.451	1030.	55.	18.	758.7	24.3	1
2861	10	380	37.6300	89.9934	-740.7		OR-1	4.94	1.05	0.68	0.0	0.0	7.293	1139.	32.	15.	759.7	24.3	1
2862	0	372	37.6300	89.9941	-738.2		OR-1	3.08	1.43	0.64	0.465	2.226	4.787	1116.	49.	16.	758.7	24.2	1

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TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2863	0	372	37.6300	89.9948	-736.2	OR-1	2.48	1.80	0.57	0.726	3.146	4.336	1077.	36.	19.	758.7	24.3	1
2864	0	412	37.6300	89.9956	-733.5	OR-1	3.73	2.65	0.80	0.712	3.334	4.681	1239.	40.	16.	759.7	24.3	1
2865	0	456	37.6300	89.9964	-730.0	OR-1	3.57	2.16	0.67	0.605	3.222	5.323	1234.	49.	19.	758.7	24.3	1
2866	0	496	37.6300	89.9971	-727.5	OR-1	3.14	1.99	0.79	0.634	2.504	3.950	1336.	43.	18.	758.7	24.2	1
2867	0	536	37.6300	89.9978	-725.7	OR-1	7.17	3.41	0.66	0.476	5.129	10.785	1526.	51.	14.	759.7	24.2	1
2868	0	480	37.6300	89.9985	-722.7	OR-1	3.13	2.45	0.84	0.783	2.932	3.745	1299.	53.	17.	757.6	24.2	1

* TAGS *				LOCATION *			REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1	0	456	37.5410	89.9997	-634.5	OR-2	6.86	3.91	0.87	0.570	4.480	7.852	1449.	32.	6.	754.0	30.0	1
2	0	480	37.5410	89.9990	-640.5	OR-2	7.54	3.14	0.80	0.416	3.915	9.410	1488.	43.	10.	753.0	30.1	1
3	0	476	37.5411	89.9982	-647.0	OR-2	6.40	2.69	0.77	0.420	3.512	8.368	1549.	50.	11.	754.0	30.1	1
4	0	468	37.5411	89.9973	-654.2	OR-2	6.61	2.87	0.75	0.434	3.838	8.841	1552.	38.	8.	754.0	30.1	1
5	0	480	37.5412	89.9965	-661.0	OR-2	6.86	4.20	0.79	0.612	5.282	8.624	1565.	35.	6.	752.4	30.1	1
6	0	500	37.5412	89.9957	-667.2	OR-2	6.40	3.57	0.80	0.557	4.479	8.038	1515.	45.	10.	752.4	30.1	1
7	0	520	37.5413	89.9949	-674.7	OR-2	7.78	3.85	0.96	0.495	4.005	8.087	1613.	41.	10.	754.0	30.0	1
8	0	536	37.5413	89.9940	-680.0	OR-2	8.65	3.26	0.98	0.376	3.321	8.825	1733.	38.	10.	753.5	30.0	1
9	0	532	37.5414	89.9932	-684.5	OR-2	9.72	3.00	0.91	0.309	3.297	10.664	1683.	42.	10.	751.4	30.0	1
10	10	528	37.5415	89.9924	-690.5	OR-2	7.70	1.23	1.11	0.0	0.0	6.961	1651.	46.	15.	752.4	30.0	1
11	0	536	37.5415	89.9916	-695.2	OR-2	7.89	2.29	0.85	0.290	2.682	9.235	1622.	32.	17.	754.0	30.0	1
12	10	500	37.5415	89.9908	-699.5	OR-2	6.63	1.67	0.80	0.0	0.0	8.281	1472.	44.	20.	753.0	30.0	1
13	10	476	37.5416	89.9900	-703.0	OR-2	7.40	1.31	1.01	0.0	0.0	7.306	1467.	57.	16.	751.9	30.0	1
14	0	468	37.5417	89.9891	-704.7	OR-2	4.68	3.40	0.68	0.728	4.981	6.842	1399.	46.	20.	753.5	30.1	1
15	10	480	37.5417	89.9883	-711.2	OR-2	6.62	1.65	1.01	0.0	0.0	6.553	1478.	43.	19.	753.5	30.1	1
16	10	476	37.5417	89.9875	-716.5	OR-2	5.45	1.20	0.99	0.0	0.0	5.529	1490.	37.	18.	753.5	30.1	1
17	0	472	37.5418	89.9867	-719.0	OR-2	7.33	2.83	0.78	0.386	3.633	9.421	1449.	49.	12.	754.5	30.1	1
18	10	484	37.5419	89.9859	-723.2	OR-2	4.99	0.93	0.84	0.0	0.0	5.913	1463.	33.	16.	753.5	30.1	1
19	10	512	37.5419	89.9850	-727.0	OR-2	6.58	1.16	0.67	0.0	0.0	9.743	1557.	33.	19.	751.4	30.0	1
20	0	528	37.5420	89.9842	-730.2	OR-2	6.53	2.76	0.82	0.423	3.385	8.001	1592.	47.	15.	753.5	30.0	1
21	10	552	37.5420	89.9834	-733.2	OR-2	7.98	1.30	1.05	0.0	0.0	7.615	1646.	41.	16.	754.0	29.9	1
22	0	568	37.5421	89.9825	-737.0	OR-2	5.11	5.26	0.95	1.030	5.527	5.368	1696.	41.	12.	753.0	29.9	1
23	0	556	37.5421	89.9818	-738.5	OR-2	5.68	2.53	0.76	0.446	3.322	7.451	1629.	43.	14.	754.0	29.9	1
24	0	544	37.5422	89.9809	-740.7	OR-2	3.71	2.24	1.37	0.604	1.641	2.715	1649.	45.	15.	754.0	29.9	1
25	0	536	37.5423	89.9801	-743.0	OJC	7.31	2.17	1.20	0.297	1.812	6.094	1608.	43.	13.	753.0	30.0	1
26	0	544	37.5423	89.9793	-743.7	OJC	6.87	3.26	1.18	0.474	2.767	5.833	1661.	35.	8.	754.5	30.0	1
27	0	560	37.5423	89.9784	-743.7	OJC	5.39	5.26	0.95	0.976	5.517	5.652	1515.	36.	8.	754.5	30.0	1
28	0	492	37.5424	89.9777	-747.2	OJC	6.84	2.26	0.84	0.331	2.697	8.160	1442.	47.	11.	753.5	30.0	1
29	10	468	37.5425	89.9768	-752.7	OJC	6.12	1.54	1.20	0.0	0.0	5.107	1426.	40.	15.	754.0	30.0	1
30	0	472	37.5425	89.9760	-752.5	OJC	4.30	2.57	0.74	0.596	3.466	5.814	1390.	42.	12.	754.0	30.0	1
31	0	496	37.5425	89.9752	-753.2	OJC	7.18	3.16	1.25	0.440	2.527	5.747	1665.	48.	10.	753.5	30.0	1
32	0	496	37.5426	89.9745	-756.5	OJC	5.39	5.05	1.08	0.937	4.666	4.979	1769.	42.	6.	754.5	30.0	1
33	10	488	37.5426	89.9738	-758.5	OJC	9.53	1.77	1.17	0.0	0.0	8.147	1798.	41.	8.	755.5	30.0	1
34	0	488	37.5426	89.9730	-761.0	OJC	10.72	2.29	1.19	0.213	1.916	8.988	1799.	45.	7.	755.5	30.1	1
35	0	484	37.5426	89.9724	-761.2	OJC	9.17	2.71	1.38	0.295	1.960	6.633	1858.	51.	7.	755.5	30.1	1
36	0	476	37.5426	89.9716	-762.2	OJC	8.65	2.26	1.49	0.261	1.515	5.799	1794.	39.	11.	754.5	30.2	1
37	0	476	37.5426	89.9709	-763.2	OJC	5.68	4.02	1.42	0.707	2.828	4.003	1700.	43.	9.	754.5	30.2	1
38	0	496	37.5426	89.9702	-764.0	OJC	8.69	3.65	1.40	0.419	2.608	6.219	1834.	39.	11.	755.5	30.3	1
39	10	500	37.5426	89.9696	-762.5	OJC	6.66	1.68	1.19	0.0	0.0	5.597	1715.	48.	11.	755.5	30.3	1
40	0	516	37.5426	89.9689	-764.7	OJC	5.68	4.12	1.00	0.725	4.133	5.697	1651.	44.	14.	754.5	30.3	1
41	0	508	37.5427	89.9682	-766.2	OJC	7.03	2.33	1.23	0.331	1.897	5.735	1732.	46.	15.	754.0	30.3	1
42	0	500	37.5427	89.9675	-765.2	OJC	7.79	2.91	1.06	0.373	2.739	7.341	1792.	40.	10.	755.0	30.3	1
43	0	480	37.5427	89.9668	-765.7	OJC	7.96	3.76	1.13	0.472	3.325	7.045	1786.	41.	9.	757.1	30.3	1
44	0	460	37.5427	89.9660	-766.5	OJC	8.41	3.02	1.13	0.359	2.662	7.413	1775.	38.	13.	758.1	30.3	1
45	0	452	37.5427	89.9653	-765.7	OJC	6.99	3.81	1.31	0.545	2.909	5.334	1755.	50.	14.	757.6	30.3	1
46	0	460	37.5427	89.9647	-766.5	OJC	7.42	2.96	1.31	0.399	2.260	5.666	1756.	52.	18.	757.6	30.3	1
47	0	448	37.5427	89.9639	-765.5	OJC	7.97	3.60	1.32	0.452	2.726	6.024	1844.	47.	13.	756.6	30.3	1
48	0	440	37.5427	89.9632	-763.7	OJC	9.66	3.48	1.23	0.361	2.832	7.852	1800.	36.	10.	755.5	30.3	1
49	0	440	37.5427	89.9625	-762.7	OJC	6.48	1.85	1.77	0.286	1.048	3.667	1838.	46.	16.	756.6	30.3	1
50	10	436	37.5427	89.9619	-763.2	OJC	8.98	1.70	1.33	0.0	0.0	6.741	1789.	49.	13.	757.6	30.3	1
51	0	444	37.5427	89.9611	-763.7	OJC	7.69	3.40	1.41	0.442	2.405	5.442	1826.	31.	11.	758.1	30.3	1
52	0	444	37.5427	89.9604	-761.5	OJC	7.11	2.90	1.39	0.407	2.092	5.136	1745.	51.	13.	759.2	30.3	1
53	0	448	37.5427	89.9598	-759.5	OJC	8.59	2.10	1.16	0.244	1.814	7.432	1716.	46.	10.	758.1	30.3	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
54	0	452	37.5427	89.9590	-755.0		OJC	7.43	2.71	1.11	0.365	2.434	6.671	1576.	37.	8.	757.1	30.3	1
55	0	468	37.5427	89.9583	-752.7		OJC	8.62	2.47	1.05	0.287	2.347	8.179	1639.	43.	10.	758.1	30.3	1
56	0	488	37.5427	89.9576	-755.7		OJC	6.34	2.32	1.17	0.365	1.983	5.430	1634.	48.	8.	757.6	30.2	1
57	0	488	37.5427	89.9569	-756.2		OJC	6.12	2.65	1.24	0.433	2.137	4.941	1669.	36.	6.	756.6	30.1	1
58	0	484	37.5427	89.9562	-754.7		OJC	6.51	2.17	1.30	0.334	1.677	5.024	1688.	33.	8.	756.6	30.2	1
59	0	488	37.5428	89.9555	-754.2		OJC	7.34	2.32	1.14	0.316	2.034	6.434	1689.	47.	8.	756.1	30.3	1
60	0	504	37.5428	89.9549	-753.5		OJC	8.62	2.50	1.09	0.290	2.300	7.937	1692.	46.	6.	756.6	30.3	1
61	0	504	37.5428	89.9542	-751.2		OJC	6.43	3.81	1.40	0.592	2.713	4.586	1660.	47.	7.	757.6	30.3	1
62	0	516	37.5428	89.9535	-751.5		OJC	7.07	2.46	1.19	0.348	2.067	5.933	1658.	49.	14.	757.6	30.3	1
63	0	528	37.5428	89.9527	-750.5		OJC	8.11	3.57	1.04	0.440	3.433	7.800	1828.	40.	11.	757.1	30.3	1
64	10	536	37.5428	89.9520	-750.0		OJC	6.67	1.97	1.02	0.0	0.0	6.561	1681.	40.	16.	756.1	30.3	1
65	0	536	37.5428	89.9513	-750.2		OJC	8.08	4.23	1.04	0.523	4.081	7.802	1667.	35.	13.	756.1	30.4	1
66	0	544	37.5428	89.9506	-749.2		OJC	7.91	2.55	1.09	0.322	2.337	7.257	1605.	45.	12.	757.1	30.4	1
67	10	544	37.5428	89.9499	-746.5		OJC	5.42	1.72	1.06	0.0	0.0	5.112	1616.	36.	16.	757.1	30.4	1
68	10	548	37.5428	89.9492	-748.5		OJC	5.99	1.85	1.08	0.0	0.0	5.547	1616.	43.	19.	757.1	30.4	1
69	10	552	37.5428	89.9485	-749.7		OJC	8.95	1.60	0.94	0.0	0.0	9.539	1640.	46.	17.	757.6	30.3	1
70	0	556	37.5428	89.9478	-750.0		OJC	7.10	2.36	1.11	0.333	2.127	6.389	1649.	45.	19.	756.6	30.3	1
71	0	560	37.5428	89.9472	-749.0		OJC	4.68	2.41	1.06	0.516	2.284	4.423	1466.	46.	17.	754.5	30.3	1
72	0	560	37.5428	89.9464	-747.5		OJC	5.48	4.73	0.69	0.864	6.833	7.909	1476.	45.	15.	755.0	30.3	1
73	10	544	37.5428	89.9457	-748.7		OJC	6.00	2.09	0.72	0.0	0.0	8.394	1380.	46.	19.	757.1	30.2	1
74	100	540	37.5428	89.9450	-747.7		OJC	1.42	3.44	0.73	0.0	4.725	0.0	1281.	46.	13.	758.1	30.2	1
75	0	540	37.5428	89.9443	-746.0		OJC	3.13	2.15	0.72	0.686	2.971	4.331	1184.	38.	14.	757.1	30.1	1
76	0	536	37.5428	89.9436	-747.5		OJC	5.43	1.85	0.59	0.341	3.145	9.234	1147.	33.	11.	756.1	30.1	1
77	10	544	37.5429	89.9429	-748.2		OJC	4.43	1.58	0.77	0.0	0.0	5.790	1142.	39.	14.	755.0	30.1	1
78	10	540	37.5429	89.9422	-747.7		OJC	3.68	0.73	0.57	0.0	0.0	6.483	1008.	34.	15.	755.5	30.2	1
79	10	564	37.5429	89.9415	-747.2		OJC	4.58	-0.69	1.03	0.0	0.0	4.457	1101.	36.	21.	756.6	30.1	1
80	10	560	37.5429	89.9408	-746.5		OJC	4.94	0.06	0.63	0.0	0.0	7.778	1130.	41.	19.	756.6	30.2	1
81	10	576	37.5429	89.9400	-745.2		OJC	4.85	1.39	0.85	0.0	0.0	5.702	1337.	48.	15.	756.6	30.2	1
82	0	588	37.5429	89.9395	-745.5		OJC	4.90	2.31	0.74	0.472	3.128	6.627	1390.	40.	16.	758.7	30.2	1
83	10	588	37.5429	89.9387	-744.7		OJC	5.16	2.00	1.00	0.0	0.0	5.132	1468.	33.	15.	758.7	30.1	1
84	10	580	37.5429	89.9380	-743.0		OJC	6.47	0.89	1.04	0.0	0.0	6.192	1453.	41.	16.	757.6	30.1	1
85	0	508	37.5429	89.9373	-742.2		OJC	5.09	2.40	1.11	0.472	2.167	4.588	1293.	45.	9.	757.6	30.1	1
86	0	508	37.5429	89.9366	-740.0		OJC	6.16	1.78	0.69	0.289	2.565	8.880	1418.	37.	8.	757.6	30.1	1
87	0	492	37.5429	89.9359	-735.7		OJC	5.59	2.00	1.08	0.359	1.849	5.157	1384.	41.	7.	758.7	30.1	1
88	0	496	37.5429	89.9352	-735.7		OJC	6.32	3.47	0.99	0.549	3.512	6.399	1456.	45.	2.	758.7	30.1	1
89	0	472	37.5429	89.9346	-735.5		OJC	7.18	4.21	0.76	0.586	5.533	9.440	1405.	62.	1.	758.7	30.1	1
90	0	464	37.5429	89.9338	-733.5		OJC	6.25	3.99	1.07	0.639	3.736	5.851	1598.	37.	3.	758.7	30.1	1
91	0	432	37.5429	89.9331	-731.7		OJC	4.96	3.06	1.00	0.617	3.057	4.955	1431.	41.	5.	757.6	30.1	1
92	10	456	37.5430	89.9324	-730.7		OJC	7.79	0.79	1.46	0.0	0.0	5.330	1588.	37.	8.	758.1	30.1	1
93	0	444	37.5430	89.9317	-728.7		OJC	7.74	2.31	1.31	0.299	1.762	5.894	1703.	41.	9.	758.1	30.2	1
94	0	444	37.5430	89.9310	-725.2		OJC	8.25	2.60	1.10	0.315	2.356	7.470	1619.	36.	10.	756.1	30.2	1
95	0	456	37.5430	89.9303	-721.2		OJC	6.77	2.58	0.70	0.382	3.685	9.654	1554.	45.	14.	757.1	30.1	1
96	0	448	37.5430	89.9296	-722.0		OJC	7.98	3.75	0.76	0.470	4.948	10.517	1609.	40.	11.	758.1	30.1	1
97	0	488	37.5430	89.9289	-720.2		OJC	7.27	1.90	0.97	0.261	1.966	7.520	1550.	50.	14.	757.6	30.0	1
98	0	536	37.5430	89.9282	-717.5		OJC	7.22	2.95	0.83	0.409	3.563	8.707	1609.	37.	15.	757.6	30.0	1
99	10	556	37.5430	89.9275	-716.7		OJC	8.48	0.41	0.77	0.0	0.0	10.969	1580.	47.	20.	757.6	30.0	1
100	0	552	37.5430	89.9268	-715.0		OJC	3.36	3.62	0.94	1.077	3.854	3.578	1488.	35.	16.	758.7	30.1	1
101	0	496	37.5430	89.9261	-713.0		OJC	3.61	2.18	1.01	0.604	2.170	3.591	1424.	29.	16.	758.1	30.0	1
102	0	528	37.5430	89.9254	-710.5		OJC	6.09	2.36	0.92	0.387	2.561	6.621	1476.	36.	17.	756.1	30.1	1
103	0	512	37.5430	89.9247	-707.5		OJC	7.12	2.20	1.04	0.309	2.110	6.819	1560.	45.	15.	755.0	30.1	1
104	0	508	37.5430	89.9240	-707.0		OJC	5.97	2.15	0.91	0.360	2.360	6.564	1634.	41.	17.	756.1	30.1	1
105	0	504	37.5430	89.9233	-705.7		OJC	5.42	2.58	0.99	0.476	2.613	5.484	1632.	41.	16.	757.1	30.1	1
106	0	504	37.5430	89.9226	-704.7		OJC	4.32	2.97	0.84	0.687	3.537	5.151	1442.	41.	19.	757.6	30.1	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
107	0	512	37.5430	89.9219	-705.0	OJC	7.14	2.01	0.79	0.282	2.537	9.006	1415.	44.	16.	756.6	30.1	1
108	10	544	37.5430	89.9212	-705.0	OJC	6.00	2.06	0.99	0.0	0.0	6.028	1441.	39.	20.	756.6	30.1	1
109	0	492	37.5430	89.9205	-702.7	OJC	6.35	2.80	0.74	0.441	3.802	8.631	1351.	51.	15.	757.6	30.2	1
110	10	460	37.5431	89.9197	-703.0	OJC	6.97	0.39	0.87	0.0	0.0	7.997	1328.	37.	16.	757.6	30.2	1
111	10	476	37.5431	89.9191	-701.5	OJC	6.68	1.41	0.82	0.0	0.0	8.151	1359.	40.	16.	756.6	30.2	1
112	0	476	37.5431	89.9184	-701.0	OJC	4.73	2.82	0.84	0.596	3.339	5.605	1327.	32.	8.	757.6	30.2	1
113	0	492	37.5431	89.9177	-701.5	OJC	5.38	2.42	0.77	0.450	3.132	6.961	1340.	37.	14.	757.6	30.1	1
114	10	444	37.5431	89.9169	-701.5	OJC	6.15	1.33	0.66	0.0	0.0	9.320	1236.	51.	12.	757.6	30.1	1
115	10	444	37.5431	89.9163	-701.7	OJC	6.38	0.95	0.95	0.0	0.0	6.727	1354.	47.	13.	756.6	30.2	1
116	0	440	37.5431	89.9156	-701.7	OJC	6.68	2.58	0.92	0.386	2.815	7.294	1437.	42.	11.	756.6	30.1	1
117	0	436	37.5431	89.9149	-701.0	OJC	2.93	4.09	0.81	1.394	5.071	3.637	1457.	40.	9.	757.6	30.1	1
118	10	436	37.5431	89.9142	-699.7	OJC	5.23	1.42	1.44	0.0	0.0	3.629	1643.	41.	14.	757.6	30.2	1
119	0	424	37.5431	89.9135	-699.5	OJC	5.44	3.10	1.06	0.570	2.916	5.114	1563.	47.	13.	757.1	30.1	1
120	0	408	37.5431	89.9127	-702.0	OJC	6.97	2.68	1.23	0.384	2.175	5.662	1600.	43.	15.	757.1	30.1	1
121	0	416	37.5431	89.9120	-702.2	OJC	4.94	4.56	0.99	0.924	4.619	4.999	1508.	48.	13.	757.1	30.1	1
122	0	432	37.5431	89.9114	-700.5	OJC	5.49	2.45	1.10	0.446	2.231	5.004	1515.	44.	14.	758.1	30.1	1
123	0	452	37.5431	89.9107	-703.5	OJC	6.49	2.71	1.05	0.418	2.582	6.176	1589.	34.	14.	758.1	30.1	1
124	0	464	37.5432	89.9100	-705.5	OJC	5.56	3.71	0.77	0.667	4.838	7.255	1474.	50.	12.	757.6	30.1	1
125	10	472	37.5432	89.9092	-703.2	OJC	7.76	1.39	1.13	0.0	0.0	6.885	1477.	36.	10.	757.6	30.1	1
126	0	484	37.5432	89.9086	-704.7	OJC	7.15	4.13	0.77	0.578	5.380	9.304	1540.	31.	13.	757.6	30.1	1
127	0	500	37.5432	89.9079	-704.7	OJC	8.58	2.44	1.15	0.284	2.123	7.475	1503.	35.	10.	757.6	30.1	1
128	0	524	37.5432	89.9072	703.7	OJC	6.31	1.97	1.20	0.313	1.640	5.245	1551.	44.	12.	756.6	30.1	1
129	0	540	37.5432	89.9065	-705.7	OJC	10.08	2.45	1.23	0.243	1.995	8.214	1699.	44.	13.	757.6	30.1	1
130	10	536	37.5432	89.9057	-704.0	OJC	6.71	1.25	0.73	0.0	0.0	9.183	1520.	42.	15.	758.7	30.2	1
131	0	532	37.5432	89.9050	-703.0	OJC	5.49	2.24	1.16	0.408	1.933	4.734	1451.	51.	13.	758.7	30.1	1
132	0	524	37.5432	89.9043	-706.0	OJC	5.14	2.16	1.00	0.420	2.167	5.161	1530.	39.	16.	758.7	30.1	1
133	10	436	37.5432	89.9037	-707.0	OJC	5.42	0.17	0.75	0.0	0.0	7.220	1222.	48.	17.	758.7	30.1	1
134	0	420	37.5432	89.9030	-705.0	OJC	5.59	2.11	0.67	0.377	3.138	8.321	1356.	47.	16.	758.7	30.1	1
135	0	432	37.5432	89.9022	-706.5	OJC	6.96	2.45	1.12	0.352	2.186	6.201	1563.	39.	12.	758.7	30.1	1
136	10	444	37.5432	89.9016	-707.0	OJC	7.60	1.08	1.04	0.0	0.0	7.323	1674.	35.	15.	758.7	30.1	1
137	10	464	37.5432	89.9009	-705.5	OJC	5.14	1.67	1.16	0.0	0.0	4.435	1464.	61.	18.	757.6	30.1	1
138	0	460	37.5432	89.9002	-707.5	OJC	4.23	4.03	1.30	0.954	3.104	3.255	1614.	48.	18.	757.6	30.1	1
139	10	424	37.5432	89.8994	-708.7	OJC	10.39	0.36	0.86	0.0	0.0	12.054	1500.	39.	17.	757.6	30.1	1
140	0	456	37.5432	89.8987	-708.0	OJC	6.70	2.45	0.85	0.366	2.870	7.846	1605.	47.	18.	757.6	30.1	1
141	10	472	37.5432	89.8980	-709.0	OJC	9.94	1.26	1.23	0.0	0.0	8.103	1695.	32.	18.	757.6	30.0	1
142	0	468	37.5432	89.8973	-707.5	OJC	7.34	2.23	1.11	0.304	2.015	6.624	1688.	35.	17.	758.7	30.1	1
143	10	464	37.5432	89.8966	-704.7	OJC	10.19	0.92	1.26	0.0	0.0	8.093	1743.	46.	14.	759.7	30.0	1
144	0	480	37.5432	89.8960	-707.5	OJC	8.96	2.40	1.22	0.268	1.973	7.361	1808.	36.	14.	758.7	30.0	1
145	0	468	37.5433	89.8953	-711.2	OJC	9.21	2.03	1.40	0.221	1.451	6.577	1936.	27.	9.	758.7	30.0	1
146	0	452	37.5433	89.8945	-709.2	OJC	7.34	2.92	1.62	0.398	1.802	4.527	1908.	41.	10.	758.7	30.0	1
147	0	440	37.5433	89.8939	-709.0	OJC	8.03	3.39	1.36	0.422	2.495	5.912	1775.	42.	10.	757.6	30.0	1
148	0	432	37.5433	89.8932	-709.7	OJC	6.37	4.49	1.60	0.705	2.808	3.984	1840.	42.	4.	758.1	30.0	1
149	0	432	37.5433	89.8924	-708.7	OJC	7.38	3.93	1.20	0.532	3.281	6.162	1802.	40.	4.	759.2	30.0	1
150	0	432	37.5433	89.8917	-706.5	OJC	8.62	3.73	1.11	0.433	3.375	7.796	1788.	45.	6.	759.2	30.0	1
151	0	424	37.5433	89.8911	-708.2	OJC	6.17	3.36	1.19	0.544	2.823	5.190	1763.	38.	5.	760.2	30.0	1
152	0	416	37.5433	89.8904	-712.0	OJC	7.82	3.60	1.09	0.460	3.301	7.171	1705.	36.	11.	759.2	30.0	1
153	0	396	37.5433	89.8896	-710.0	OJC	7.31	3.35	1.07	0.458	3.128	6.827	1601.	41.	9.	758.1	30.0	1
154	0	364	37.5433	89.8889	-709.5	OJC	7.28	1.83	1.05	0.251	1.748	6.953	1436.	40.	14.	758.7	30.0	1
155	0	348	37.5433	89.8882	-711.7	OJC	6.20	3.73	0.94	0.602	3.957	6.570	1500.	38.	11.	758.7	30.1	1
156	0	336	37.5433	89.8875	-712.0	OJC	5.17	2.47	1.07	0.477	2.307	4.838	1472.	36.	11.	758.7	30.1	1
157	0	364	37.5433	89.8868	-713.7	OJC	6.75	3.63	1.04	0.538	3.502	6.515	1653.	40.	13.	758.7	30.1	1
158	0	376	37.5433	89.8862	-713.5	OJC	9.45	3.10	0.82	0.328	3.770	11.497	1668.	39.	9.	757.6	30.2	1
159	0	392	37.5434	89.8854	-710.2	OJC	7.75	2.38	0.86	0.307	2.780	9.060	1562.	31.	15.	757.6	30.2	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
160	0	380	37.5434	89.8847	-716.0	OJC	6.94	2.91	0.81	0.420	3.576	8.514	1470.	42.	14.	758.7	30.2	1
161	0	380	37.5434	89.8840	-719.2	OJC	7.14	1.58	0.96	0.222	1.639	7.397	1491.	38.	12.	758.7	30.1	1
162	10	372	37.5434	89.8833	-717.7	OJC	7.04	1.43	1.04	0.0	0.0	6.753	1536.	38.	14.	758.7	30.1	1
163	0	400	37.5434	89.8826	-719.5	OJC	9.59	1.98	1.01	0.206	1.957	9.502	1653.	40.	14.	758.7	30.1	1
164	10	396	37.5434	89.8819	-721.2	OJC	7.24	1.10	0.81	0.0	0.0	8.958	1601.	44.	15.	758.7	30.1	1
165	0	376	37.5434	89.8812	-722.0	OJC	7.28	2.53	0.93	0.347	2.708	7.793	1533.	38.	13.	758.1	30.0	1
166	0	352	37.5434	89.8806	-724.0	OJC	5.54	2.16	0.83	0.390	2.585	6.635	1437.	52.	14.	758.1	30.1	1
167	0	380	37.5434	89.8798	-724.5	OJC	6.66	2.33	1.01	0.350	2.301	6.583	1577.	39.	12.	759.2	30.0	1
168	0	384	37.5434	89.8791	-726.0	OJC	7.12	3.72	0.95	0.522	3.911	7.497	1552.	42.	10.	759.2	30.0	1
169	0	380	37.5434	89.8784	-726.2	OJC	6.77	2.70	1.24	0.398	2.169	5.450	1593.	35.	7.	758.7	30.0	1
170	0	392	37.5434	89.8777	-727.5	OJC	7.64	3.48	1.04	0.455	3.334	7.322	1695.	52.	6.	757.6	30.0	1
171	0	388	37.5434	89.8770	-729.2	OJC	8.52	3.48	0.78	0.408	4.435	10.862	1605.	41.	2.	757.6	30.1	1
172	0	388	37.5434	89.8763	-729.7	OJC	7.61	2.99	1.19	0.392	2.507	6.392	1673.	38.	6.	758.7	30.2	1
173	0	388	37.5434	89.8756	-732.0	OJC	8.64	1.90	1.12	0.220	1.697	7.704	1701.	47.	7.	759.7	30.2	1
174	0	392	37.5434	89.8749	-730.5	OJC	4.45	3.12	1.10	0.701	2.836	4.043	1633.	41.	9.	759.2	30.2	1
175	0	396	37.5434	89.8742	-730.0	OJC	6.49	4.20	1.21	0.647	3.483	5.381	1716.	38.	7.	758.1	30.2	1
176	0	400	37.5434	89.8736	-733.7	OJC	7.00	2.87	1.27	0.410	2.258	5.512	1621.	41.	5.	759.2	30.2	1
177	0	412	37.5434	89.8728	-738.5	OJC	8.91	2.59	1.18	0.291	2.192	7.532	1613.	32.	10.	759.2	30.2	1
178	0	424	37.5435	89.8721	-738.2	OJC	5.80	2.59	1.02	0.447	2.542	5.685	1591.	45.	16.	758.1	30.1	1
179	0	420	37.5435	89.8714	-738.5	OJC	8.10	2.97	0.91	0.366	3.274	8.941	1664.	38.	16.	757.1	30.2	1
180	0	408	37.5435	89.8707	-740.7	OJC	8.39	1.98	1.03	0.236	1.928	8.154	1709.	26.	17.	758.1	30.2	1
181	0	400	37.5435	89.8700	-739.0	OJC	6.05	3.19	1.11	0.526	2.871	5.453	1707.	45.	20.	757.6	30.2	1
182	0	400	37.5435	89.8693	-738.2	OJC	6.84	2.53	1.09	0.370	2.324	6.280	1648.	44.	20.	756.6	30.2	1
183	10	408	37.5435	89.8686	-740.2	OJC	9.98	1.73	1.17	0.0	0.0	8.529	1756.	50.	17.	757.6	30.2	1
184	0	412	37.5435	89.8679	-744.0	OJC	6.87	3.23	1.09	0.470	2.957	6.290	1792.	48.	19.	758.7	30.2	1
185	0	412	37.5435	89.8672	-744.2	OJC	6.46	2.45	1.12	0.380	2.184	5.749	1739.	44.	15.	758.7	30.2	1
186	0	408	37.5435	89.8665	-745.2	OJC	8.28	2.97	1.14	0.359	2.614	7.277	1805.	38.	11.	758.7	30.2	1
187	0	408	37.5435	89.8659	-745.5	OJC	6.09	3.57	1.24	0.587	2.891	4.927	1793.	29.	10.	757.6	30.1	1
188	0	404	37.5435	89.8651	-745.7	OJC	6.97	4.67	1.47	0.670	3.187	4.758	1807.	39.	5.	756.6	30.2	1
189	0	408	37.5435	89.8644	-747.5	OJC	7.33	4.60	1.22	0.628	3.777	6.014	1875.	31.	8.	758.7	30.2	1
190	0	408	37.5435	89.8637	-750.0	OJC	7.75	2.25	1.11	0.291	2.025	6.961	1767.	47.	7.	758.7	30.2	1
191	0	416	37.5435	89.8630	-750.2	OJC	9.29	4.59	1.04	0.495	4.414	8.924	1806.	34.	5.	758.7	30.2	1
192	0	420	37.5435	89.8623	-751.7	OJC	7.90	2.41	1.13	0.304	2.122	6.970	1664.	45.	10.	758.7	30.2	1
193	0	428	37.5435	89.8616	-753.2	OJC	8.23	3.69	1.19	0.448	3.085	6.886	1796.	39.	7.	757.6	30.2	1
194	0	428	37.5435	89.8608	-753.5	OJC	7.97	1.91	1.09	0.240	1.758	7.335	1761.	49.	9.	756.6	30.3	1
195	0	424	37.5435	89.8602	-753.2	OJC	9.79	2.38	1.05	0.243	2.257	9.281	1759.	44.	9.	758.7	30.3	1
196	0	424	37.5435	89.8595	-755.2	OJC	5.82	3.72	1.28	0.639	2.901	4.540	1707.	43.	10.	758.7	30.3	1
197	0	420	37.5435	89.8588	-757.2	OJC	6.40	2.63	1.22	0.411	2.147	5.227	1725.	45.	11.	757.6	30.3	1
198	0	428	37.5435	89.8581	-759.5	OJC	7.17	2.11	1.03	0.294	2.036	6.937	1764.	43.	14.	758.7	30.3	1
199	0	444	37.5435	89.8574	-761.7	OJC	8.34	1.89	1.01	0.227	1.863	8.217	1713.	41.	15.	758.7	30.3	1
200	10	444	37.5436	89.8567	-762.5	OJC	6.67	1.74	1.18	0.0	0.0	5.642	1693.	45.	20.	757.6	30.3	1
201	0	444	37.5436	89.8560	-763.7	OJC	4.82	3.26	0.84	0.677	3.892	5.747	1490.	40.	16.	757.6	30.4	1
202	10	456	37.5436	89.8553	-763.7	OJC	6.60	1.47	1.02	0.0	0.0	6.495	1535.	41.	18.	757.6	30.4	1
203	0	468	37.5436	89.8546	-762.2	OJC	6.80	3.16	1.06	0.465	2.997	6.446	1542.	47.	15.	756.6	30.3	1
204	0	476	37.5436	89.8539	-766.5	OJC	5.83	1.83	0.95	0.314	1.932	6.144	1507.	33.	17.	758.7	30.3	1
205	0	476	37.5436	89.8532	-768.5	OJC	6.60	2.28	0.91	0.346	2.510	7.254	1497.	36.	13.	758.7	30.3	1
206	10	484	37.5436	89.8525	-769.0	OJC	4.80	1.58	0.93	0.0	0.0	5.180	1384.	39.	16.	756.6	30.3	1
207	10	504	37.5436	89.8517	-769.7	OJC	5.60	1.30	1.13	0.0	0.0	4.939	1477.	37.	12.	756.6	30.3	1
208	0	540	37.5436	89.8510	-772.0	OJC	6.55	2.93	0.80	0.448	3.664	8.180	1517.	38.	12.	758.7	30.3	1
209	0	540	37.5436	89.8504	-772.7	OSE-2	7.70	2.85	1.05	0.370	2.720	7.358	1526.	43.	13.	758.7	30.2	1
210	0	544	37.5436	89.8497	-774.2	OSE-2	5.25	6.01	0.79	1.144	7.596	6.640	1493.	49.	5.	757.6	30.2	1
211	0	540	37.5436	89.8490	-775.2	OSE-2	6.53	2.72	0.80	0.416	3.399	8.175	1447.	40.	8.	756.6	30.1	1
212	0	536	37.5436	89.8483	-777.0	OSE-2	3.26	3.45	0.94	1.060	3.667	3.460	1436.	47.	8.	757.6	30.1	1

CP9 1P12

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
213	0	536	37.5436	89.8476	-779.5	OSE-2	5.97	5.26	0.76	0.881	6.892	7.826	1495.	49.	4.	758.7	30.1	1
214	0	532	37.5436	89.8469	-778.2	OSE-2	8.01	4.28	0.83	0.534	5.126	9.597	1529.	46.	6.	758.7	30.1	1
215	0	520	37.5437	89.8461	-777.7	OSE-2	5.40	5.38	0.74	0.997	7.292	7.315	1497.	51.	2.	757.6	30.1	1
216	0	460	37.5437	89.8455	-781.2	OSE-2	6.40	2.97	0.88	0.464	3.383	7.283	1380.	36.	7.	758.7	30.2	1
217	0	452	37.5437	89.8448	-784.2	OSE-2	5.32	4.12	0.79	0.773	5.219	6.749	1443.	42.	8.	758.7	30.2	1
218	0	444	37.5437	89.8441	-784.0	OSE-2	6.09	3.36	0.99	0.551	3.388	6.144	1487.	50.	3.	758.7	30.3	1
219	0	436	37.5437	89.8434	-785.5	OSE-2	6.80	3.97	0.70	0.583	5.641	9.673	1589.	30.	7.	757.6	30.3	1
220	10	436	37.5437	89.8427	-788.5	OSE-2	7.77	0.93	1.07	0.0	0.0	7.271	1653.	45.	10.	757.6	30.3	1
221	0	464	37.5437	89.8420	-789.5	OSE-2	9.07	2.25	0.90	0.248	2.508	10.099	1566.	41.	13.	757.6	30.3	1
222	10	496	37.5437	89.8413	-790.5	OSE-2	8.53	1.80	1.23	0.0	0.0	6.918	1643.	50.	15.	756.6	30.3	1
223	10	500	37.5437	89.8405	-791.2	OSE-2	8.41	1.79	1.26	0.0	0.0	6.671	1632.	43.	15.	756.6	30.3	1
224	0	500	37.5437	89.8399	-793.7	OSE-2	8.33	2.42	1.21	0.291	1.998	6.872	1678.	38.	16.	757.6	30.3	1
225	0	500	37.5437	89.8391	-796.0	OSE-2	7.55	2.33	0.88	0.309	2.663	8.617	1750.	36.	18.	758.7	30.3	1
226	10	492	37.5437	89.8384	-797.0	OSE-2	8.75	1.64	1.38	0.0	0.0	6.321	1751.	32.	16.	758.7	30.4	1
227	0	480	37.5437	89.8378	-797.7	OSE-2	6.54	3.31	0.95	0.505	3.484	6.897	1608.	37.	14.	758.7	30.4	1
228	10	460	37.5437	89.8371	-799.5	OSE-2	5.94	1.26	1.08	0.0	0.0	5.492	1413.	46.	15.	758.7	30.4	1
229	0	516	37.5437	89.8363	-803.0	OSE-2	4.89	3.67	0.90	0.750	4.062	5.414	1446.	50.	13.	758.7	30.4	1
230	10	540	37.5437	89.8356	-801.7	OSE-2	4.88	1.76	1.11	0.0	0.0	4.396	1520.	42.	17.	758.7	30.4	1
231	0	532	37.5437	89.8350	-800.0	OSE-2	5.72	3.89	1.47	0.680	2.637	3.878	1626.	45.	11.	757.6	30.3	1
232	0	528	37.5437	89.8343	-803.0	OSE-2	5.47	3.26	1.27	0.596	2.560	4.294	1712.	46.	15.	757.6	30.3	1
233	0	532	37.5437	89.8335	-807.7	OSE-2	8.38	4.16	0.87	0.496	4.784	9.637	1655.	43.	13.	756.6	30.3	1
234	10	532	37.5437	89.8329	-809.0	OSE-2	6.36	1.56	1.42	0.0	0.0	4.483	1606.	46.	13.	756.6	30.3	1
235	10	528	37.5437	89.8322	-810.0	OSE-2	6.51	1.02	1.26	0.0	0.0	5.158	1628.	33.	11.	756.6	30.3	1
236	0	520	37.5437	89.8314	-810.5	OSE-2	8.29	3.39	1.13	0.409	3.005	7.349	1636.	36.	8.	756.6	30.3	1
237	0	500	37.5437	89.8307	-811.5	OSE-2	5.58	4.02	0.85	0.720	4.720	6.553	1516.	43.	13.	757.1	30.3	1
238	10	456	37.5438	89.8301	-812.5	OSE-2	7.11	0.59	1.08	0.0	0.0	6.591	1503.	43.	14.	757.1	30.3	1
239	10	440	37.5438	89.8294	-812.5	OSE-2	6.90	0.97	1.22	0.0	0.0	5.644	1496.	37.	12.	757.1	30.3	1
240	10	440	37.5438	89.8287	-813.5	OSE-2	8.42	0.38	0.77	0.0	0.0	10.940	1352.	41.	7.	756.6	30.3	1
241	10	472	37.5438	89.8279	-816.5	OSE-2	7.19	1.37	1.25	0.0	0.0	5.737	1638.	26.	11.	756.6	30.3	1
242	0	444	37.5438	89.8273	-815.0	OSE-2	8.47	2.84	0.79	0.335	3.586	10.695	1602.	46.	8.	757.6	30.3	1
243	0	460	37.5438	89.8265	-814.7	OSE-2	8.17	2.86	1.12	0.350	2.543	7.276	1663.	42.	12.	758.1	30.3	1
244	0	476	37.5438	89.8258	-820.5	OSE-2	8.55	2.05	1.23	0.239	1.666	6.963	1759.	39.	9.	757.1	30.3	1
245	0	484	37.5438	89.8251	-821.7	OSE-2	8.96	2.98	0.98	0.332	3.031	9.123	1676.	37.	10.	757.6	30.3	1
246	0	496	37.5438	89.8244	-819.5	OSE-2	7.76	5.97	0.92	0.770	6.476	8.411	1787.	30.	9.	758.7	30.3	1
247	0	512	37.5438	89.8237	-823.7	OSE-2	7.34	2.88	1.12	0.393	2.569	6.535	1709.	38.	10.	757.6	30.3	1
248	0	520	37.5438	89.8230	-825.2	OSE-2	5.18	5.22	1.57	1.009	3.325	3.296	1800.	45.	8.	757.6	30.3	1
249	0	516	37.5438	89.8224	-826.0	OSE-2	9.97	2.40	1.35	0.241	1.782	7.393	1867.	44.	3.	757.6	30.3	1
250	0	508	37.5438	89.8217	-828.7	OSE-2	7.28	4.54	1.09	0.623	4.147	6.657	1774.	47.	6.	756.6	30.3	1
251	10	508	37.5438	89.8209	-830.2	OSE-2	10.39	1.30	1.35	0.0	0.0	7.717	1728.	50.	6.	757.1	30.3	1
252	0	516	37.5438	89.8202	-829.7	OSE-2	6.11	4.89	1.07	0.800	4.587	5.733	1780.	42.	7.	758.1	30.4	1
253	0	516	37.5438	89.8196	-831.2	OSE-2	7.17	2.35	1.00	0.329	2.356	7.170	1688.	54.	11.	757.1	30.3	1
254	10	508	37.5439	89.8188	-832.7	OSE-2	8.06	1.81	1.05	0.0	0.0	7.697	1629.	43.	11.	756.6	30.4	1
255	10	504	37.5439	89.8181	-834.2	OSE-2	8.09	0.71	1.37	0.0	0.0	5.898	1746.	42.	15.	757.6	30.5	1
256	0	500	37.5439	89.8175	-836.7	OSE-2	8.20	3.69	1.13	0.451	3.260	7.236	1745.	47.	16.	758.7	30.5	1
257	10	492	37.5439	89.8167	-837.7	OSE-2	10.53	0.21	1.48	0.0	0.0	7.125	1813.	38.	23.	758.7	30.5	1
258	0	480	37.5439	89.8160	-841.0	OSE-2	7.43	2.27	1.11	0.305	2.050	6.725	1763.	41.	24.	757.6	30.5	1
259	10	464	37.5439	89.8153	-843.7	OSE-2	8.62	0.38	1.42	0.0	0.0	6.079	1719.	45.	19.	757.6	30.5	1
260	10	452	37.5439	89.8147	-844.7	OSE-2	7.13	1.09	1.17	0.0	0.0	6.067	1809.	30.	22.	758.7	30.5	1
261	0	440	37.5439	89.8139	-848.0	OSE-2	6.76	2.02	0.84	0.299	2.401	8.021	1738.	37.	21.	758.7	30.5	1
262	10	424	37.5439	89.8132	-848.2	OSE-2	7.46	0.56	1.30	0.0	0.0	5.754	1718.	50.	20.	757.1	30.5	1
263	0	420	37.5439	89.8126	-848.2	OSE-2	8.13	1.76	1.05	0.217	1.683	7.755	1726.	40.	19.	758.1	30.5	1
264	10	420	37.5438	89.8118	-854.7	OSE-2	6.95	1.01	1.65	0.0	0.0	4.221	1727.	44.	18.	759.2	30.6	1
265	0	420	37.5439	89.8111	-856.0	OSE-2	8.38	3.03	0.90	0.361	3.353	9.283	1738.	46.	14.	758.1	30.6	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
266	10	428	37.5439	89.8104	-854.2	OSE-2	8.38	1.48	1.16	0.0	0.0	7.228	1788.	35.	19.	758.1	30.6	1
267	0	424	37.5439	89.8097	-858.5	OSE-2	7.49	1.75	1.19	0.233	1.464	6.283	1704.	39.	15.	757.6	30.6	1
268	10	412	37.5439	89.8090	-862.0	OSE-2	8.34	1.18	1.24	0.0	0.0	6.750	1708.	28.	13.	757.6	30.6	1
269	10	412	37.5439	89.8083	-865.0	OSE-2	6.80	1.27	1.04	0.0	0.0	6.562	1529.	39.	16.	758.7	30.6	1
270	0	432	37.5439	89.8077	-863.5	OSE-2	6.89	1.96	0.93	0.285	2.102	7.388	1381.	42.	14.	758.7	30.7	1
271	0	448	37.5439	89.8070	-863.0	OSE-2	4.25	2.17	0.98	0.510	2.224	4.358	1329.	45.	12.	758.7	30.6	1
272	10	448	37.5439	89.8062	-867.7	OSE-2	4.75	0.99	0.91	0.0	0.0	5.212	1229.	54.	10.	759.7	30.6	1
273	0	448	37.5439	89.8056	-869.0	OSE-1	4.10	2.46	0.76	0.599	3.231	5.396	1181.	50.	11.	758.7	30.6	1
274	0	436	37.5439	89.8048	-868.0	OSE-1	4.76	2.41	0.67	0.506	3.575	7.073	1167.	30.	10.	758.7	30.6	1
275	0	408	37.5439	89.8041	-870.2	OSE-1	4.02	3.91	0.42	0.971	9.203	9.475	1172.	37.	3.	759.2	30.6	1
276	0	400	37.5439	89.8035	-873.0	OSE-1	4.24	2.50	0.58	0.590	4.346	7.367	1166.	40.	9.	759.2	30.6	1
277	10	392	37.5439	89.8027	-872.7	OSE-1	4.73	1.33	0.69	0.0	0.0	6.804	1200.	39.	12.	759.2	30.6	1
278	0	380	37.5439	89.8020	-873.2	OSE-1	5.54	2.64	0.68	0.477	3.870	8.113	1270.	36.	11.	759.2	30.6	1
279	0	396	37.5439	89.8014	-873.5	OSE-1	3.89	5.32	0.71	1.368	7.457	5.449	1432.	32.	10.	759.2	30.5	1
280	0	396	37.5439	89.8007	-874.5	OSE-2	3.95	2.50	0.88	0.634	2.835	4.471	1328.	40.	12.	758.7	30.5	1
281	0	412	37.5439	89.8000	-876.5	OSE-2	6.13	1.69	0.86	0.276	1.961	7.105	1410.	46.	17.	757.6	30.5	1
282	0	428	37.5439	89.7993	-876.7	OSE-2	4.73	1.68	1.15	0.356	1.461	4.106	1424.	29.	17.	758.7	30.5	1
283	10	448	37.5439	89.7986	-878.2	OSE-2	6.30	1.65	1.25	0.0	0.0	5.037	1550.	35.	18.	758.7	30.5	1
284	0	436	37.5439	89.7978	-880.5	OSE-2	6.56	5.45	0.82	0.832	6.678	8.030	1722.	43.	13.	758.7	30.5	1
285	10	444	37.5440	89.7972	-879.0	OSE-2	7.08	0.89	1.11	0.0	0.0	6.375	1655.	37.	16.	758.1	30.6	1
286	0	456	37.5440	89.7965	-878.5	OSE-2	7.96	4.66	0.94	0.585	4.974	8.501	1754.	42.	12.	758.1	30.5	1
287	0	460	37.5440	89.7957	-882.2	OSE-2	8.50	4.10	0.79	0.482	5.202	10.795	1672.	45.	9.	759.2	30.5	1
288	0	468	37.5440	89.7951	-885.2	OSE-2	6.65	2.11	1.36	0.317	1.551	4.892	1616.	45.	14.	760.2	30.5	1
289	0	488	37.5440	89.7944	-886.0	OSE-2	7.05	3.16	0.83	0.448	3.806	8.493	1529.	41.	13.	759.2	30.5	1
290	0	508	37.5440	89.7937	-884.7	OSE-2	5.93	2.30	1.02	0.388	2.246	5.784	1508.	44.	14.	758.7	30.5	1
291	10	472	37.5440	89.7930	-883.2	OSE-2	6.05	1.05	1.23	0.0	0.0	4.920	1451.	34.	13.	758.7	30.5	1
292	0	476	37.5440	89.7923	-887.5	OSE-2	7.91	2.69	1.14	0.340	2.367	6.960	1704.	36.	10.	757.6	30.5	1
293	10	488	37.5440	89.7916	-889.5	OSE-2	8.16	1.57	1.46	0.0	0.0	5.577	1816.	48.	16.	757.6	30.5	1
294	0	484	37.5440	89.7908	-890.7	OSE-2	7.39	2.28	1.21	0.309	1.877	6.080	1845.	42.	15.	758.7	30.6	1
295	0	476	37.5440	89.7902	-892.7	OSE-2	8.60	4.46	1.20	0.519	3.710	7.149	1954.	44.	9.	758.7	30.5	1
296	0	468	37.5440	89.7895	-894.2	OJD	7.60	3.08	1.38	0.405	2.226	5.500	1867.	52.	12.	758.7	30.5	1
297	0	476	37.5440	89.7887	-894.5	OJD	8.67	4.20	1.17	0.484	3.592	7.414	1905.	41.	11.	759.7	30.5	1
298	0	480	37.5440	89.7881	-896.7	OJD	7.49	3.40	1.26	0.454	2.690	5.930	1943.	35.	10.	759.7	30.5	1
299	0	484	37.5440	89.7874	-897.0	OJD	7.70	4.27	1.52	0.554	2.805	5.059	1895.	47.	6.	759.7	30.5	1
300	0	476	37.5440	89.7867	-899.0	OJD	7.14	3.03	1.42	0.424	2.136	5.037	1877.	28.	6.	759.7	30.5	1
301	0	464	37.5440	89.7860	-900.2	OJD	7.90	2.49	1.38	0.316	1.807	5.725	1766.	54.	5.	758.7	30.5	1
302	0	460	37.5440	89.7853	-901.0	OJD	6.90	4.97	1.13	0.720	4.386	6.087	1788.	33.	3.	758.7	30.5	1
303	0	472	37.5441	89.7846	-901.0	OJD	7.03	3.82	1.37	0.543	2.778	5.116	1876.	38.	3.	758.7	30.5	1
304	0	472	37.5441	89.7839	-904.0	OJD	5.57	4.71	1.33	0.847	3.537	4.177	1862.	40.	7.	758.7	30.5	1
305	0	468	37.5441	89.7832	-904.2	OJD	6.26	4.19	1.52	0.669	2.759	4.122	1877.	44.	8.	759.2	30.4	1
306	0	472	37.5441	89.7825	-904.5	OJD	8.63	1.92	1.51	0.223	1.276	5.722	1909.	41.	10.	759.2	30.5	1
307	10	480	37.5441	89.7818	-905.0	OJD	8.00	1.70	1.54	0.0	0.0	5.177	1776.	52.	11.	759.2	30.5	1
308	0	492	37.5441	89.7811	-906.2	OJD	8.40	3.06	1.10	0.365	2.774	7.606	1868.	45.	10.	759.2	30.6	1
309	0	500	37.5440	89.7804	-906.2	OJD	6.97	2.57	1.22	0.368	2.096	5.693	1879.	39.	15.	758.7	30.6	1
310	0	468	37.5440	89.7797	-906.2	OJD	5.34	3.20	1.25	0.600	2.572	4.283	1741.	44.	12.	758.7	30.6	1
311	10	448	37.5440	89.7790	-907.5	OJD	6.41	1.00	1.41	0.0	0.0	4.539	1606.	36.	14.	759.7	30.6	1
312	0	468	37.5440	89.7783	-907.7	OJD	5.50	4.69	1.26	0.852	3.725	4.374	1707.	39.	10.	759.7	30.5	1
313	10	508	37.5440	89.7777	-909.0	OJD	6.40	0.40	1.51	0.0	0.0	4.236	1790.	47.	10.	758.7	30.6	1
314	0	504	37.5440	89.7770	-909.5	OJD	8.03	2.15	1.20	0.267	1.790	6.692	1720.	42.	11.	758.7	30.5	1
315	0	508	37.5441	89.7762	-909.5	OJD	7.96	4.26	1.44	0.536	2.959	5.522	1744.	37.	3.	758.7	30.5	1
316	0	512	37.5441	89.7755	-910.2	OJD	8.46	3.59	1.17	0.424	3.069	7.241	1773.	47.	7.	759.2	30.5	1
317	0	516	37.5441	89.7748	-910.5	OJD	8.39	2.11	1.24	0.252	1.699	6.739	1717.	43.	9.	760.2	30.4	1
318	0	520	37.5441	89.7741	-910.0	OJD	7.41	3.65	0.86	0.492	4.252	8.636	1690.	44.	10.	759.7	30.5	1

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
319	0	512	37.5441	89.7734	-911.2	OJD	6.32	4.60	1.14	0.727	4.044	5.562	1783.	38.	12.	758.7	30.4	1
320	0	500	37.5441	89.7727	-911.0	OJD	4.64	5.71	0.85	1.231	6.690	5.434	1778.	47.	17.	758.7	30.4	1
321	10	516	37.5441	89.7720	-909.7	OJD	7.57	0.78	1.40	0.0	0.0	5.403	1758.	47.	20.	759.2	30.4	1
322	0	512	37.5441	89.7713	-910.5	OJD	7.69	3.19	1.10	0.415	2.909	7.004	1802.	43.	16.	760.2	30.4	1
323	0	476	37.5441	89.7707	-911.5	OJD	7.83	3.53	1.10	0.451	3.201	7.100	1697.	22.	14.	760.7	30.4	1
324	0	480	37.5441	89.7700	-909.7	OJD	6.44	2.88	1.01	0.448	2.843	6.350	1677.	44.	14.	759.7	30.4	1
325	0	484	37.5441	89.7692	-910.2	OJD	6.01	2.68	1.28	0.446	2.100	4.711	1780.	36.	16.	758.7	30.3	1
326	0	476	37.5441	89.7686	-910.7	OJD	8.98	4.55	0.97	0.507	4.684	9.241	1821.	47.	12.	758.7	30.3	1
327	0	468	37.5441	89.7678	-910.5	OJD	11.16	2.68	1.13	0.240	2.376	9.887	1797.	40.	6.	759.7	30.3	1
328	0	464	37.5441	89.7671	-909.7	OJD	6.97	5.04	1.38	0.723	3.650	5.051	1875.	42.	11.	760.2	30.4	1
329	0	468	37.5441	89.7665	-908.2	OJD	7.09	4.23	1.16	0.596	3.643	6.109	1850.	42.	11.	759.2	30.3	1
330	0	480	37.5441	89.7657	-909.0	OJD	9.15	4.14	0.90	0.452	4.611	10.195	1812.	44.	10.	758.1	30.3	1
331	0	480	37.5441	89.7650	-909.7	OJD	8.04	3.43	0.98	0.426	3.487	8.184	1813.	43.	16.	759.2	30.3	1
332	0	452	37.5441	89.7644	-908.5	OJD	5.16	3.57	1.20	0.692	2.965	4.283	1716.	43.	13.	760.2	30.3	1
333	0	448	37.5441	89.7637	-907.2	OJD	6.79	2.46	1.15	0.363	2.143	5.902	1662.	49.	11.	759.2	30.3	1
334	0	484	37.5441	89.7630	-907.7	OJD	8.57	3.40	1.25	0.397	2.720	6.854	1885.	38.	15.	758.1	30.3	1
335	10	488	37.5441	89.7623	-907.7	OJD	7.29	1.19	1.43	0.0	0.0	5.095	1810.	47.	10.	759.7	30.3	1
336	0	500	37.5442	89.7616	-907.7	OJD	7.49	2.32	1.45	0.309	1.592	5.147	1887.	48.	14.	760.7	30.3	1
337	0	504	37.5442	89.7609	-907.7	OJD	8.50	3.41	1.33	0.401	2.556	6.373	1928.	34.	10.	759.2	30.3	1
338	0	496	37.5442	89.7602	-907.7	OJD	7.27	4.28	1.52	0.589	2.817	4.782	1936.	36.	10.	758.1	30.4	1
339	10	480	37.5442	89.7595	-906.5	OJD	8.04	1.31	1.36	0.0	0.0	5.923	1824.	37.	13.	760.2	30.5	1
340	0	480	37.5442	89.7588	-906.0	OJD	8.10	4.03	1.32	0.497	3.054	6.143	1938.	42.	10.	760.7	30.4	1
341	10	476	37.5442	89.7580	-905.5	OJD	8.33	1.85	1.84	0.0	0.0	4.539	1972.	48.	15.	758.7	30.3	1
342	0	472	37.5442	89.7574	-906.7	OJD	7.87	2.11	1.48	0.268	1.432	5.337	1942.	35.	20.	758.7	30.3	1
343	0	468	37.5442	89.7567	-906.5	OJD	7.45	1.99	1.79	0.267	1.110	4.161	1910.	37.	22.	760.7	30.3	1
344	0	460	37.5442	89.7560	-905.5	OJD	7.87	2.08	1.53	0.264	1.354	5.132	1871.	43.	20.	759.7	30.3	1
345	10	460	37.5442	89.7553	-905.2	OJD	9.34	0.21	1.46	0.0	0.0	6.382	1949.	45.	23.	758.7	30.3	1
346	0	460	37.5442	89.7546	-906.5	OJD	10.16	2.16	1.37	0.213	1.575	7.402	1998.	33.	19.	759.7	30.3	1
347	10	448	37.5442	89.7539	-905.5	OJD	9.64	1.81	1.60	0.0	0.0	6.010	1897.	40.	20.	759.7	30.3	1
348	10	436	37.5442	89.7532	-905.7	OJD	11.54	0.47	1.39	0.0	0.0	8.332	1803.	38.	21.	758.7	30.4	1
349	0	432	37.5442	89.7525	-906.2	OJD	5.34	3.19	1.31	0.597	2.436	4.082	1709.	41.	15.	758.1	30.4	1
350	0	432	37.5442	89.7518	-906.7	OJD	6.50	3.11	1.28	0.479	2.432	5.081	1628.	45.	12.	760.2	30.4	1
351	0	404	37.5442	89.7511	-906.2	OJD	4.52	3.99	1.09	0.882	3.652	4.138	1608.	32.	11.	761.2	30.4	1
352	0	380	37.5442	89.7504	-906.0	OJD	6.62	2.60	0.63	0.392	4.107	10.464	1401.	41.	6.	759.2	30.3	1
353	0	384	37.5442	89.7497	-906.5	OJD	5.50	2.51	0.88	0.456	2.850	6.252	1439.	44.	6.	759.7	30.3	1
354	0	388	37.5442	89.7490	-906.2	OJD	7.99	2.34	0.82	0.292	2.868	9.808	1419.	43.	2.	760.7	30.3	1
355	0	388	37.5442	89.7483	-906.7	OJD	6.36	2.06	1.18	0.324	1.750	5.393	1447.	33.	5.	758.7	30.3	1
356	0	404	37.5442	89.7476	-906.2	OJD	5.03	3.85	1.03	0.766	3.748	4.894	1454.	44.	7.	758.7	30.3	1
357	0	448	37.5442	89.7470	-907.0	OJD	7.30	3.11	1.12	0.426	2.779	6.524	1688.	47.	8.	760.7	30.3	1
358	0	468	37.5442	89.7462	-905.5	OJD	8.11	2.66	1.01	0.328	2.638	8.041	1801.	46.	6.	758.7	30.3	1
359	10	460	37.5442	89.7455	-907.0	OJD	9.04	1.09	1.39	0.0	0.0	6.502	1806.	31.	12.	759.7	30.3	1
360	0	464	37.5442	89.7449	-908.2	OJD	8.36	3.07	1.17	0.367	2.620	7.137	1855.	51.	12.	760.7	30.4	1
361	0	480	37.5442	89.7441	-907.5	OJD	8.01	2.98	1.45	0.372	2.062	5.539	1893.	40.	14.	758.7	30.3	1
362	10	484	37.5442	89.7434	-907.7	OJD	7.45	1.56	1.26	0.0	0.0	5.913	1792.	48.	17.	758.7	30.3	1
363	0	480	37.5442	89.7427	-908.2	OJD	7.10	2.54	1.48	0.358	1.713	4.792	1850.	44.	17.	760.7	30.3	1
364	0	468	37.5442	89.7421	-908.7	OJD	6.84	2.77	1.22	0.406	2.278	5.618	1793.	35.	14.	758.7	30.4	1
365	0	464	37.5442	89.7413	-908.7	OJD	6.75	2.68	1.21	0.397	2.213	5.580	1736.	37.	15.	758.7	30.3	1
366	10	472	37.5442	89.7406	-907.7	OJD	8.76	0.98	1.23	0.0	0.0	7.147	1721.	49.	18.	759.7	30.3	1
367	0	472	37.5442	89.7400	-909.0	OJD	7.27	2.30	1.06	0.316	2.172	6.866	1681.	39.	15.	758.7	30.3	1
368	0	476	37.5442	89.7392	-911.2	OJD	6.49	2.29	1.39	0.352	1.642	4.660	1725.	41.	13.	758.7	30.3	1
369	10	480	37.5442	89.7385	-912.0	OJD	9.66	-0.36	1.50	0.0	0.0	6.426	1752.	43.	13.	760.7	30.5	1
370	0	484	37.5442	89.7379	-911.7	OJD	7.39	3.59	0.98	0.485	3.676	7.578	1838.	45.	13.	758.7	30.5	1
371	0	484	37.5442	89.7371	-912.2	OJD	6.65	2.57	1.21	0.386	2.125	5.505	1724.	44.	14.	758.7	30.4	1

CP9 1P 12

* TAGS			* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
372	0	480	37.5442	89.7364	-912.7	OJD	7.64	3.48	1.11	0.455	3.131	6.875	1772.	35.	10.	760.7	30.4	1
373	10	476	37.5443	89.7358	-912.7	OJD	7.13	1.10	1.51	0.0	0.0	4.712	1758.	53.	14.	758.7	30.4	1
374	0	480	37.5443	89.7350	-913.7	OJD	7.03	2.63	1.34	0.374	1.961	5.242	1891.	38.	15.	758.7	30.4	1
375	0	476	37.5443	89.7343	-915.5	OJD	7.37	2.64	1.44	0.358	1.833	5.116	1934.	30.	15.	759.7	30.3	1
376	0	480	37.5443	89.7337	-916.0	OJD	9.49	3.88	1.39	0.409	2.781	6.802	1896.	36.	14.	758.7	30.4	1
377	0	472	37.5443	89.7330	-915.7	OJD	6.44	2.77	1.33	0.431	2.086	4.842	1966.	40.	17.	759.7	30.3	1
378	10	476	37.5443	89.7323	-916.7	OJD	9.70	1.48	1.46	0.0	0.0	6.635	1910.	45.	17.	760.7	30.4	1
379	10	476	37.5443	89.7316	-916.2	OJD	9.03	-0.42	1.44	0.0	0.0	6.289	1851.	37.	19.	758.7	30.4	1
380	0	476	37.5443	89.7309	-917.2	OJD	6.05	3.27	1.28	0.540	2.542	4.710	1924.	35.	18.	760.2	30.4	1
381	0	480	37.5443	89.7301	-918.5	OJD	7.17	4.15	1.60	0.579	2.591	4.474	1970.	35.	18.	761.2	30.4	1
382	10	484	37.5443	89.7295	-918.2	OJD	7.20	1.36	1.49	0.0	0.0	4.831	1924.	51.	19.	759.2	30.4	1
383	0	488	37.5443	89.7288	-919.5	OJD	8.89	3.54	1.20	0.398	2.945	7.397	1998.	41.	13.	760.2	30.4	1
384	0	488	37.5443	89.7280	-920.2	OJD	8.07	4.13	1.20	0.511	3.433	6.714	1882.	39.	15.	759.7	30.4	1
385	0	492	37.5443	89.7274	-920.2	OJD	8.51	2.14	1.30	0.251	1.649	6.561	1821.	47.	14.	759.2	30.4	1
386	0	488	37.5443	89.7267	-920.7	OJD	5.81	4.32	0.87	0.743	4.948	6.659	1720.	41.	14.	760.2	30.4	1
387	0	484	37.5443	89.7260	-921.5	OJD	7.38	2.65	1.28	0.360	2.078	5.779	1802.	28.	11.	758.7	30.3	1
388	0	488	37.5443	89.7253	-923.0	ODP	9.76	2.00	1.36	0.205	1.464	7.153	1874.	29.	11.	758.7	30.3	1
389	0	500	37.5443	89.7246	-923.7	ODP	8.92	4.33	1.25	0.485	3.456	7.129	1958.	31.	12.	760.2	30.4	1
390	10	504	37.5443	89.7239	-924.7	ODP	10.86	1.29	1.47	0.0	0.0	7.408	1924.	46.	14.	759.2	30.3	1
391	0	504	37.5444	89.7231	-923.2	ODP	11.25	2.93	1.16	0.260	2.516	9.665	1919.	40.	12.	759.2	30.3	1
392	0	492	37.5444	89.7225	-923.7	ODP	7.36	3.25	1.13	0.441	2.867	6.504	1878.	55.	10.	759.7	30.3	1
393	0	488	37.5444	89.7218	-924.2	ODP	7.21	2.51	1.38	0.348	1.821	5.234	1898.	29.	16.	758.7	30.3	1
394	10	496	37.5444	89.7211	-927.0	ODP	8.64	1.90	1.45	0.0	0.0	5.965	1837.	32.	14.	758.7	30.3	1
395	0	484	37.5444	89.7204	-928.2	ODP	8.71	2.30	1.24	0.264	1.862	7.044	1820.	48.	14.	758.1	30.3	1
396	10	472	37.5444	89.7197	-929.2	ODP	10.83	1.83	1.18	0.0	0.0	9.173	1825.	36.	11.	759.7	30.3	1
397	0	488	37.5444	89.7190	-928.5	ODP	9.32	3.11	1.16	0.333	2.686	8.057	1803.	39.	11.	759.7	30.3	1
398	0	484	37.5444	89.7183	-928.7	ODP	10.35	2.45	1.64	0.236	1.495	6.325	1989.	36.	12.	757.6	30.3	1
399	0	484	37.5443	89.7176	-930.5	ODP	10.44	2.55	1.32	0.245	1.940	7.934	1922.	26.	10.	759.2	30.2	1
400	10	496	37.5443	89.7169	-932.2	ODP	6.43	1.25	1.88	0.0	0.0	3.427	1860.	44.	11.	759.7	30.3	1
401	0	500	37.5443	89.7163	-933.5	ODP	6.96	3.68	1.12	0.529	3.273	6.186	1817.	39.	10.	759.2	30.2	1
402	0	500	37.5443	89.7155	-934.5	ODP	6.48	2.92	1.37	0.451	2.127	4.717	1785.	46.	11.	760.2	30.2	1
403	0	516	37.5443	89.7148	-938.0	ODP	7.08	2.71	1.67	0.383	1.621	4.236	1910.	44.	10.	759.2	30.2	1
404	0	520	37.5444	89.7142	-938.5	ODP	9.52	2.20	1.60	0.231	1.373	5.939	1981.	35.	9.	759.2	30.2	1
405	0	512	37.5444	89.7134	-940.0	ODP	8.14	4.41	1.38	0.542	3.202	5.913	1991.	36.	10.	760.7	30.2	1
406	0	520	37.5444	89.7127	-941.5	ODP	10.43	2.54	1.54	0.244	1.657	6.795	1865.	48.	8.	760.2	30.2	1
407	0	528	37.5444	89.7121	-943.7	ODP	9.00	3.87	1.74	0.430	2.228	5.179	1993.	39.	14.	759.2	30.2	1
408	10	540	37.5444	89.7113	-945.7	ODP	7.96	1.32	1.42	0.0	0.0	5.591	1857.	50.	20.	760.2	30.3	1
409	10	548	37.5444	89.7106	-947.2	ODP	9.09	2.11	1.17	0.0	0.0	7.781	1905.	38.	17.	759.2	30.3	1
410	10	564	37.5444	89.7100	-950.0	ODP	9.02	1.46	1.33	0.0	0.0	6.763	1939.	37.	19.	758.7	30.3	1
411	10	572	37.5444	89.7092	-953.7	ODP	9.87	2.00	1.02	0.0	0.0	9.713	1721.	36.	18.	759.2	30.3	1
412	10	572	37.5444	89.7085	-955.5	ODP	10.10	1.61	1.28	0.0	0.0	7.902	1799.	36.	17.	758.7	30.3	1
413	0	572	37.5444	89.7079	-955.7	ODP	4.97	4.02	0.69	0.808	5.816	7.194	1590.	45.	14.	759.7	30.3	1
414	10	532	37.5444	89.7072	-959.2	ODP	7.68	1.03	1.53	0.0	0.0	5.015	1689.	40.	13.	760.7	30.3	1
415	10	528	37.5444	89.7064	-962.2	ODP	5.90	1.10	1.06	0.0	0.0	5.590	1530.	43.	13.	759.2	30.3	1
416	0	528	37.5444	89.7057	-963.2	ODP	5.18	3.26	1.53	0.630	2.138	3.395	1730.	39.	11.	759.7	30.3	1
417	0	508	37.5444	89.7050	-966.5	ODP	6.41	5.12	1.28	0.798	4.005	5.019	1746.	34.	5.	760.2	30.3	1
418	0	504	37.5444	89.7043	-968.7	ODP	6.97	5.45	0.91	0.781	6.012	7.697	1667.	41.	8.	759.7	30.3	1
419	0	508	37.5444	89.7036	-970.5	ODP	8.07	3.66	1.17	0.454	3.122	6.874	1640.	31.	9.	759.7	30.3	1
420	0	492	37.5444	89.7030	-973.2	ODP	4.70	3.47	1.29	0.739	2.687	3.637	1710.	37.	12.	760.2	30.3	1
421	0	496	37.5444	89.7023	-976.2	ODP	5.90	4.32	1.14	0.733	3.785	5.167	1777.	44.	6.	759.7	30.3	1
422	0	492	37.5444	89.7016	-979.0	ODP	7.79	2.59	1.30	0.332	1.988	5.979	1683.	46.	5.	759.7	30.3	1
423	10	504	37.5444	89.7009	-979.5	ODP	8.89	1.27	1.63	0.0	0.0	5.440	1739.	30.	10.	759.7	30.3	1
424	0	524	37.5444	89.7002	-982.0	ODP	5.23	2.98	1.24	0.569	2.408	4.229	1707.	50.	12.	759.2	30.3	1

* TAGS *			* LOCATION *				REDUCED DATA											*
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
425	10	532	37.5444	89.6994	-985.7	ODP	10.67	1.56	1.08	0.0	0.0	9.862	1659.	47.	11.	759.2	30.3	1
426	0	512	37.5444	89.6988	-987.5	ODP	6.96	2.60	0.83	0.374	3.123	8.358	1765.	46.	15.	760.2	30.3	1
427	0	500	37.5444	89.6980	-986.5	ODP	9.25	2.19	1.17	0.237	1.873	7.909	1722.	46.	12.	759.7	30.3	1
428	10	484	37.5445	89.6973	-988.5	ODP	5.77	0.84	1.30	0.0	0.0	4.434	1785.	45.	15.	759.7	30.3	1
429	0	488	37.5445	89.6967	-992.2	ODP	6.25	2.03	1.39	0.325	1.462	4.503	1639.	43.	16.	759.7	30.3	1
430	0	500	37.5445	89.6960	-995.5	ODP	7.17	4.05	1.30	0.565	3.110	5.510	1822.	37.	7.	758.1	30.3	1
431	0	516	37.5445	89.6953	-997.2	ODP	10.46	4.17	1.44	0.398	2.889	7.257	1938.	43.	12.	759.2	30.3	1
432	0	520	37.5445	89.6946	-999.2	ODP	10.96	3.24	1.74	0.295	1.864	6.308	2061.	38.	11.	761.2	30.3	1
433	0	516	37.5445	89.6939	-1002.7	ODP	8.05	3.79	1.77	0.471	2.140	4.543	1960.	37.	11.	760.2	30.3	1
434	0	512	37.5445	89.6932	-1006.2	ODP	7.89	2.68	1.09	0.340	2.456	7.221	1902.	44.	14.	759.2	30.3	1
435	0	516	37.5445	89.6925	-1008.7	ODP	8.39	2.92	1.33	0.348	2.199	6.318	1858.	32.	11.	760.7	30.3	1
436	0	524	37.5445	89.6918	-1012.5	ODP	8.46	2.75	1.37	0.325	2.010	6.182	1809.	57.	11.	760.7	30.3	1
437	10	528	37.5445	89.6911	-1015.2	ODP	8.68	1.47	1.46	0.0	0.0	5.951	1746.	47.	8.	759.7	30.2	1
438	10	524	37.5445	89.6904	-1017.0	ODP	7.93	1.62	0.98	0.0	0.0	8.071	1578.	35.	15.	759.7	30.3	1
439	0	528	37.5445	89.6897	-1019.0	ODP	7.60	3.90	0.94	0.513	4.157	8.109	1634.	31.	13.	760.7	30.2	1
440	0	508	37.5445	89.6890	-1021.7	ODP	4.14	2.36	1.12	0.570	2.115	3.709	1587.	46.	16.	761.2	30.3	1
441	10	488	37.5445	89.6883	-1022.7	ODP	8.11	1.35	1.04	0.0	0.0	7.763	1647.	35.	19.	760.2	30.3	1
442	0	492	37.5445	89.6876	-1024.5	ODP	8.46	2.04	1.24	0.241	1.647	6.836	1710.	28.	19.	759.2	30.3	1
443	10	516	37.5445	89.6869	-1027.5	ODP	8.60	-0.10	1.56	0.0	0.0	5.525	1746.	50.	20.	759.7	30.3	1
444	10	548	37.5445	89.6862	-1030.0	ODP	7.28	2.06	1.28	0.0	0.0	5.676	1836.	35.	20.	759.7	30.3	1
445	0	552	37.5445	89.6855	-1033.0	ODP	8.72	2.58	1.56	0.296	1.656	5.601	1912.	25.	17.	759.7	30.3	1
446	0	544	37.5445	89.6848	-1034.7	ODP	6.02	3.29	1.39	0.547	2.370	4.330	1867.	52.	16.	759.7	30.3	1
447	10	532	37.5445	89.6841	-1037.0	ODP	10.18	1.81	1.39	0.0	0.0	7.299	1899.	44.	15.	759.7	30.3	1
448	10	516	37.5445	89.6834	-1038.5	ODP	9.79	1.61	1.46	0.0	0.0	6.715	1780.	42.	13.	759.7	30.3	1
449	0	508	37.5445	89.6827	-1041.7	ODP	7.65	4.80	1.36	0.627	3.518	5.611	1797.	46.	7.	759.2	30.2	1
450	0	516	37.5445	89.6820	-1044.0	ODP	6.96	3.57	1.58	0.514	2.256	4.392	1721.	47.	7.	758.7	30.3	1
451	0	516	37.5445	89.6813	-1045.5	ODP	9.34	3.77	1.14	0.403	3.311	8.212	1690.	40.	10.	758.7	30.2	1
452	0	524	37.5445	89.6806	-1048.7	ODP	7.17	2.61	1.21	0.364	2.162	5.938	1695.	30.	11.	759.2	30.2	1
453	0	524	37.5445	89.6799	-1051.5	ODP	7.02	2.46	1.35	0.351	1.825	5.197	1719.	35.	13.	759.2	30.2	1
454	0	532	37.5445	89.6792	-1054.0	ODP	6.57	3.69	1.24	0.562	2.968	5.279	1684.	46.	14.	758.7	30.1	1
455	10	528	37.5445	89.6785	-1055.0	ODP	8.87	1.59	1.11	0.0	0.0	8.017	1695.	44.	12.	758.7	30.1	1
456	0	488	37.5445	89.6778	-1056.5	ODP	7.59	2.49	1.03	0.329	2.426	7.376	1577.	35.	10.	758.7	30.2	1
457	10	472	37.5445	89.6772	-1059.5	ODP	6.11	1.37	1.07	0.0	0.0	5.717	1511.	39.	10.	759.2	30.2	1
458	0	456	37.5445	89.6764	-1062.5	ODP	5.65	5.12	0.95	0.907	5.376	5.928	1549.	41.	6.	759.2	30.2	1
459	0	480	37.5445	89.6757	-1063.2	ODP	6.93	3.59	1.09	0.519	3.295	6.351	1681.	35.	12.	759.2	30.2	1
460	0	520	37.5445	89.6750	-1066.0	ODP	6.82	3.21	1.25	0.472	2.576	5.462	1703.	46.	13.	758.7	30.2	1
461	0	544	37.5445	89.6743	-1066.7	ODP	7.84	3.21	0.98	0.410	3.292	8.029	1813.	48.	12.	758.7	30.2	1
462	0	564	37.5445	89.6736	-1069.0	ODP	9.51	2.11	1.38	0.222	1.532	6.903	1841.	34.	10.	759.2	30.2	1
463	0	560	37.5445	89.6730	-1071.2	ODP	9.54	2.64	1.32	0.277	2.000	7.212	1959.	37.	10.	759.2	30.2	1
464	0	552	37.5445	89.6723	-1073.5	ODP	7.60	2.93	1.36	0.385	2.157	5.602	1891.	42.	8.	759.2	30.2	1
465	0	544	37.5446	89.6716	-1075.0	ODP	8.94	2.20	1.24	0.246	1.774	7.212	1773.	65.	10.	759.7	30.2	1
466	0	524	37.5446	89.6709	-1076.7	ODP	8.81	2.11	1.60	0.240	1.322	5.517	1912.	38.	10.	758.1	30.2	1
467	0	520	37.5446	89.6702	-1078.7	ODP	8.56	3.96	1.18	0.462	3.356	7.264	1885.	47.	7.	758.7	30.1	1
468	0	512	37.5446	89.6694	-1080.2	ODP	10.20	2.24	1.25	0.220	1.798	8.181	1842.	38.	9.	759.7	30.1	1
469	0	472	37.5446	89.6687	-1080.2	ODP	8.55	3.12	1.42	0.365	2.195	6.022	1887.	35.	7.	758.7	30.1	1
470	0	480	37.5446	89.6680	-1082.7	ODP	5.14	4.74	1.37	0.923	3.471	3.762	1746.	47.	6.	759.2	30.1	1
471	0	472	37.5446	89.6674	-1085.7	ODP	9.67	3.69	1.05	0.382	3.530	9.247	1908.	48.	6.	760.2	30.2	1
472	0	468	37.5446	89.6666	-1086.5	ODP	8.28	2.51	1.33	0.304	1.890	6.224	1957.	30.	10.	758.7	30.2	1
473	0	460	37.5446	89.6660	-1086.7	ODP	10.49	3.04	1.48	0.290	2.055	7.089	2046.	33.	7.	759.2	30.2	1
474	0	468	37.5446	89.6653	-1087.7	ODP	8.36	2.52	1.71	0.301	1.474	4.890	1912.	44.	9.	760.2	30.2	1
475	0	480	37.5446	89.6646	-1089.5	ODP	7.41	5.18	1.48	0.699	3.494	4.995	1969.	39.	10.	758.1	30.2	1
476	0	484	37.5446	89.6639	-1091.0	ODP	8.87	3.05	1.61	0.344	1.892	5.503	1882.	34.	13.	759.2	30.3	1
477	10	492	37.5446	89.6632	-1091.0	ODP	8.89	1.85	1.63	0.0	0.0	5.468	1918.	36.	12.	760.7	30.3	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
478	10	496	37.5446	89.6624	-1092.7	ODP	8.68	1.11	1.60	0.0	0.0	5.438	1883.	40.	16.	758.7	30.3	1
479	10	504	37.5446	89.6618	-1093.5	ODP	9.33	0.91	1.48	0.0	0.0	6.315	1835.	39.	18.	758.7	30.3	1
480	10	512	37.5446	89.6611	-1095.2	ODP	10.04	-0.94	1.67	0.0	0.0	6.018	1796.	43.	18.	760.2	30.3	1
481	10	508	37.5446	89.6604	-1096.5	ODP	8.29	1.90	1.54	0.0	0.0	5.385	1880.	32.	17.	759.2	30.3	1
482	0	512	37.5446	89.6597	-1097.0	ODP	7.60	2.73	1.35	0.360	2.028	5.637	1848.	32.	17.	759.7	30.3	1
483	10	516	37.5446	89.6590	-1099.0	ODP	10.10	0.25	1.51	0.0	0.0	6.678	1782.	40.	17.	760.7	30.2	1
484	0	524	37.5446	89.6583	-1100.7	ODP	6.83	2.39	1.35	0.350	1.777	5.078	1860.	33.	20.	758.7	30.3	1
485	0	532	37.5446	89.6576	-1100.2	ODP	7.40	3.70	1.44	0.499	2.560	5.127	1804.	42.	13.	758.7	30.2	1
486	0	524	37.5447	89.6569	-1101.2	ODP	9.53	3.44	1.64	0.361	2.100	5.818	1975.	40.	12.	760.7	30.2	1
487	0	504	37.5447	89.6562	-1102.7	ODP	9.56	2.22	1.47	0.232	1.511	6.503	1911.	35.	14.	759.7	30.2	1
488	10	496	37.5447	89.6555	-1103.2	ODP	7.21	0.60	1.52	0.0	0.0	4.754	1785.	40.	15.	758.7	30.2	1
489	0	500	37.5446	89.6547	-1104.2	ODP	6.58	5.50	1.39	0.837	3.956	4.728	1783.	40.	12.	759.7	30.2	1
490	0	504	37.5446	89.6540	-1104.2	ODP	8.06	5.25	1.17	0.651	4.470	6.867	1934.	34.	9.	760.7	30.2	1
491	0	504	37.5446	89.6533	-1104.5	ODP	11.61	3.67	1.10	0.316	3.334	10.547	1857.	52.	11.	759.7	30.1	1
492	0	488	37.5446	89.6526	-1104.7	ODP	9.61	3.95	1.44	0.411	2.754	6.694	1946.	45.	11.	758.7	30.1	1
493	0	472	37.5446	89.6519	-1106.0	ODP	6.33	3.14	1.27	0.495	2.475	4.997	1805.	44.	14.	760.2	30.2	1
494	0	468	37.5446	89.6511	-1108.0	ODP	8.13	3.99	1.27	0.491	3.138	6.386	1904.	39.	13.	761.2	30.1	1
495	10	468	37.5446	89.6504	-1108.2	ODP	8.68	0.97	1.62	0.0	0.0	5.345	1837.	39.	15.	759.2	30.1	1
496	10	444	37.5446	89.6497	-1108.5	ODP	8.71	1.58	1.35	0.0	0.0	6.429	1740.	40.	12.	758.7	30.2	1
497	0	496	37.5446	89.6490	-1108.7	ODP	8.06	2.59	1.10	0.322	2.365	7.347	1954.	36.	12.	760.7	30.2	1
498	0	516	37.5446	89.6483	-1109.5	ODP	8.35	3.77	1.09	0.452	3.459	7.662	1913.	23.	17.	760.7	30.2	1
499	10	512	37.5446	89.6475	-1111.2	ODP	9.80	-0.64	1.45	0.0	0.0	6.752	1932.	39.	17.	759.7	30.2	1
500	0	508	37.5446	89.6467	-1112.0	ODP	9.42	4.74	1.34	0.504	3.546	7.039	1899.	37.	12.	758.7	30.2	1
501	10	520	37.5446	89.6460	-1110.5	ODP	8.83	2.01	1.35	0.0	0.0	6.562	1852.	46.	15.	758.1	30.3	1
502	10	524	37.5446	89.6453	-1111.0	ODP	7.77	1.74	1.66	0.0	0.0	4.677	1856.	37.	14.	759.2	30.3	1
503	10	532	37.5446	89.6445	-1111.7	ODP	5.71	1.16	1.49	0.0	0.0	3.826	1742.	59.	16.	760.2	30.4	1
504	0	548	37.5445	89.6439	-1111.2	ODP	8.92	2.46	1.16	0.276	2.118	7.683	1871.	52.	11.	759.2	30.5	1
505	0	560	37.5445	89.6431	-1111.7	ODP	8.62	2.15	1.39	0.249	1.543	6.187	1860.	50.	11.	758.1	30.4	1
506	10	568	37.5446	89.6424	-1112.0	ODP	9.70	2.11	1.51	0.0	0.0	6.444	1925.	35.	11.	757.6	30.4	1
507	10	588	37.5446	89.6417	-1110.7	ODP	9.50	1.69	1.48	0.0	0.0	6.436	1874.	41.	15.	757.6	30.3	1
508	10	608	37.5446	89.6410	-1111.5	ODP	11.40	1.78	1.10	0.0	0.0	10.355	1975.	38.	14.	758.7	30.3	1
509	10	608	37.5446	89.6402	-1111.5	ODP	10.62	1.23	1.50	0.0	0.0	7.105	1854.	35.	16.	758.7	30.3	1
510	0	600	37.5446	89.6395	-1110.5	ODP	8.03	2.96	1.37	0.369	2.159	5.856	1802.	49.	9.	758.7	30.2	1
511	0	592	37.5446	89.6388	-1110.7	ODP	5.85	2.78	1.33	0.475	2.091	4.400	1812.	51.	13.	759.7	30.2	1
512	0	588	37.5445	89.6380	-1112.7	ODP	6.52	3.45	1.49	0.529	2.311	4.372	1765.	31.	12.	758.7	30.2	1
513	0	600	37.5445	89.6373	-1114.0	ODP	6.21	3.50	1.38	0.564	2.545	4.508	1694.	42.	10.	758.7	30.2	1
514	0	608	37.5445	89.6366	-1113.7	ODP	8.39	3.82	1.08	0.456	3.552	7.794	1804.	45.	13.	758.7	30.2	1
515	10	612	37.5445	89.6359	-1112.7	ODP	7.92	0.74	1.44	0.0	0.0	5.512	1755.	48.	15.	758.7	30.2	1
516	10	612	37.5445	89.6351	-1114.7	ODP	10.09	1.20	1.19	0.0	0.0	8.445	1783.	38.	10.	758.7	30.2	1
517	10	576	37.5445	89.6344	-1115.0	ODP	8.65	0.64	1.30	0.0	0.0	6.662	1627.	39.	14.	758.7	30.1	1
518	0	516	37.5445	89.6337	-1113.2	ODP	4.89	1.94	0.93	0.397	2.077	5.234	1470.	34.	12.	758.7	30.1	1
519	10	484	37.5445	89.6330	-1114.5	ODP	7.19	1.28	1.00	0.0	0.0	7.177	1429.	39.	10.	758.7	30.1	1
520	0	488	37.5445	89.6323	-1114.0	ODP	5.97	3.78	0.93	0.632	4.077	6.447	1491.	31.	10.	758.1	30.1	1
521	0	520	37.5445	89.6315	-1113.0	ODP	7.46	2.64	1.27	0.353	2.082	5.896	1637.	44.	10.	758.1	30.2	1
522	10	568	37.5445	89.6308	-1116.5	ODP	6.41	1.86	1.01	0.0	0.0	6.320	1691.	47.	8.	758.7	30.2	1
523	0	576	37.5445	89.6301	-1116.7	ODP	7.47	2.57	1.17	0.344	2.207	6.415	1751.	32.	4.	758.7	30.1	1
524	0	552	37.5445	89.6293	-1113.5	ODP	8.53	5.11	1.54	0.599	3.311	5.531	1843.	38.	1.	758.7	30.1	1
525	0	520	37.5445	89.6286	-1114.7	ODP	7.24	4.35	1.25	0.601	3.471	5.780	1673.	37.	0.	758.7	30.1	1
526	0	524	37.5445	89.6278	-1115.5	ODP	7.00	4.83	1.42	0.690	3.401	4.929	1743.	41.	0.	758.7	30.1	1
527	0	552	37.5445	89.6271	-1114.7	ODP	9.14	4.81	1.25	0.526	3.857	7.331	1885.	30.	0.	759.2	30.1	1
528	0	564	37.5445	89.6264	-1113.5	ODP	9.82	4.27	1.16	0.435	3.672	8.448	1952.	33.	4.	759.2	30.2	1
529	0	556	37.5445	89.6257	-1112.7	ODP	8.58	2.68	1.19	0.313	2.255	7.203	1784.	35.	9.	759.2	30.2	1
530	0	556	37.5445	89.6249	-1112.5	ODP	6.86	4.51	1.26	0.657	3.577	5.441	1811.	41.	2.	759.2	30.2	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
531	10	572	37.5445	89.6242	-1111.5	ODP	9.48	1.66	1.05	0.0	0.0	9.028	1710.	33.	11.	759.7	30.2	1
532	0	564	37.5445	89.6235	-1110.7	OMK-2	5.43	6.38	0.76	1.175	8.449	7.191	1688.	32.	12.	759.7	30.2	1
533	0	600	37.5445	89.6228	-1111.5	OMK-2	7.07	2.95	1.06	0.417	2.786	6.677	1637.	46.	12.	759.7	30.2	1
534	10	624	37.5445	89.6221	-1112.2	OMK-2	7.21	0.55	1.16	0.0	0.0	6.241	1549.	56.	14.	758.7	30.2	1
535	10	628	37.5445	89.6213	-1110.7	OMK-2	5.38	-0.45	1.01	0.0	0.0	5.324	1603.	43.	16.	758.7	30.2	1
536	10	628	37.5445	89.6206	-1110.7	OMK-2	7.23	-1.15	1.42	0.0	0.0	5.082	1683.	47.	17.	758.7	30.2	1
537	0	624	37.5445	89.6199	-1111.2	OMK-2	6.14	3.54	1.27	0.577	2.781	4.818	1696.	37.	11.	758.7	30.2	1
538	0	620	37.5445	89.6191	-1111.2	OMK-2	5.61	5.59	0.85	0.996	6.570	6.597	1600.	34.	11.	758.7	30.2	1
539	10	616	37.5445	89.6184	-1111.7	OMK-2	5.22	1.85	1.13	0.0	0.0	4.620	1633.	33.	15.	758.7	30.2	1
540	0	612	37.5445	89.6177	-1110.2	OMK-2	6.93	3.30	1.40	0.476	2.356	4.954	1607.	48.	12.	758.7	30.2	1
541	0	612	37.5445	89.6170	-1109.7	OMK-2	5.76	2.45	1.37	0.425	1.790	4.209	1614.	40.	14.	758.7	30.2	1
542	10	612	37.5445	89.6162	-1108.2	OMK-2	9.17	1.32	1.18	0.0	0.0	7.773	1590.	38.	14.	758.7	30.2	1
543	10	612	37.5445	89.6155	-1107.7	OMK-2	8.03	-0.53	1.21	0.0	0.0	6.608	1582.	40.	17.	759.7	30.2	1
544	0	612	37.5444	89.6148	-1107.7	OMK-2	6.71	2.83	1.59	0.422	1.782	4.227	1783.	49.	15.	759.7	30.2	1
545	0	600	37.5444	89.6141	-1108.0	OMK-2	6.02	2.76	1.08	0.458	2.551	5.565	1690.	39.	17.	759.7	30.2	1
546	10	592	37.5444	89.6134	-1107.2	OMK-2	7.95	0.64	1.33	0.0	0.0	5.961	1723.	43.	21.	759.7	30.2	1
547	10	588	37.5444	89.6125	-1106.7	OMK-2	6.66	1.70	1.47	0.0	0.0	4.524	1786.	41.	24.	758.7	30.2	1
548	0	584	37.5444	89.6118	-1105.2	OMK-2	8.27	2.72	1.30	0.329	2.091	6.361	1758.	36.	19.	758.7	30.1	1
549	10	576	37.5445	89.6111	-1104.5	OMK-2	9.60	1.41	0.82	0.0	0.0	11.651	1728.	42.	23.	757.6	30.1	1
550	10	572	37.5445	89.6104	-1104.2	OMK-2	7.73	1.65	0.99	0.0	0.0	7.831	1725.	45.	20.	757.6	30.2	1
551	10	572	37.5445	89.6097	-1102.5	OMK-2	7.44	0.64	1.34	0.0	0.0	5.543	1843.	38.	21.	757.6	30.2	1
552	10	568	37.5444	89.6089	-1102.0	OMK-2	8.34	-0.07	1.35	0.0	0.0	6.158	1886.	32.	22.	758.7	30.2	1
553	10	560	37.5444	89.6082	-1102.0	OMK-2	8.52	1.54	1.14	0.0	0.0	7.486	1741.	46.	21.	758.7	30.1	1
554	0	556	37.5444	89.6075	-1100.5	OMK-2	6.99	2.76	1.56	0.395	1.769	4.480	1845.	50.	16.	759.2	30.1	1
555	10	564	37.5444	89.6068	-1099.2	OMK-2	8.35	1.12	1.43	0.0	0.0	5.829	1711.	28.	18.	759.2	30.1	1
556	0	544	37.5444	89.6061	-1097.7	OMK-2	6.49	3.71	0.87	0.571	4.280	7.495	1639.	51.	21.	758.1	30.1	1
557	0	544	37.5444	89.6053	-1098.0	SU-2	6.17	2.55	1.17	0.414	2.183	5.275	1828.	42.	15.	758.1	30.0	1
558	0	568	37.5444	89.6046	-1096.7	SU-2	4.41	2.60	1.82	0.589	1.429	2.427	1839.	40.	15.	758.1	30.1	1
559	0	572	37.5444	89.6039	-1096.0	SU-2	8.93	3.81	1.15	0.427	3.317	7.766	1812.	41.	14.	758.1	30.0	1
560	0	560	37.5444	89.6031	-1095.7	SU-2	7.48	2.80	1.35	0.374	2.067	5.527	1843.	48.	15.	758.7	30.0	1
561	0	548	37.5444	89.6024	-1094.2	SU-2	8.72	2.70	1.46	0.310	1.846	5.960	1818.	45.	14.	758.7	30.0	1
562	0	536	37.5444	89.6017	-1092.2	SU-2	7.65	4.54	1.18	0.594	3.856	6.494	1907.	42.	7.	758.7	30.0	1
563	0	516	37.5444	89.6010	-1092.0	SU-2	7.76	4.08	1.48	0.525	2.758	5.253	1847.	42.	8.	759.7	30.0	1
564	0	496	37.5444	89.6002	-1090.7	SU-2	11.12	3.85	1.12	0.346	3.438	9.925	1900.	40.	7.	760.2	30.0	1
565	10	468	37.5444	89.5995	-1088.2	SU-2	7.95	1.11	1.62	0.0	0.0	4.895	1777.	28.	14.	759.7	30.0	1
566	0	428	37.5444	89.5988	-1087.2	SU-2	8.09	2.51	1.19	0.311	2.110	6.789	1649.	42.	8.	758.7	30.0	1
567	0	404	37.5444	89.5981	-1086.7	SU-2	5.37	2.88	1.03	0.536	2.788	5.200	1490.	51.	8.	758.7	30.0	1
568	0	416	37.5444	89.5974	-1084.0	SU-2	7.12	3.72	0.95	0.522	3.903	7.483	1533.	47.	8.	757.6	30.0	1
569	10	420	37.5444	89.5966	-1081.5	SU-2	7.00	1.25	1.08	0.0	0.0	6.505	1544.	42.	11.	757.6	30.0	1
570	10	436	37.5444	89.5958	-1082.0	SU-2	7.02	0.99	1.36	0.0	0.0	5.152	1611.	45.	12.	758.7	29.9	1
571	0	380	37.5444	89.5951	-1080.2	SU-2	6.50	1.42	1.22	0.218	1.165	5.333	1624.	38.	9.	759.7	30.0	1
572	10	400	37.5444	89.5944	-1078.0	SU-2	6.24	1.06	1.25	0.0	0.0	4.984	1594.	36.	8.	759.7	30.1	1
573	0	376	37.5444	89.5937	-1076.5	SU-2	6.09	1.53	1.10	0.251	1.386	5.515	1525.	47.	11.	758.7	30.1	1
574	10	392	37.5444	89.5929	-1075.2	SU-2	6.49	-0.01	1.20	0.0	0.0	5.411	1511.	48.	12.	757.1	30.1	1
575	10	384	37.5444	89.5922	-1071.2	SU-2	6.92	-0.50	1.27	0.0	0.0	5.466	1475.	44.	16.	757.1	30.1	1
576	10	384	37.5443	89.5915	-1069.7	DU	7.39	0.86	1.16	0.0	0.0	6.365	1542.	36.	16.	758.7	30.1	1
577	0	376	37.5443	89.5908	-1069.2	DU	8.41	1.74	1.10	0.207	1.575	7.615	1660.	33.	14.	758.7	30.0	1
578	10	396	37.5443	89.5901	-1067.2	DU	5.51	1.31	1.27	0.0	0.0	4.337	1603.	37.	18.	757.6	30.0	1
579	10	392	37.5444	89.5893	-1063.5	DU	5.72	0.84	1.26	0.0	0.0	4.553	1637.	40.	19.	757.6	30.1	1
580	10	408	37.5444	89.5886	-1062.5	DU	7.58	1.44	1.31	0.0	0.0	5.768	1591.	46.	16.	757.6	30.1	1
581	10	456	37.5444	89.5879	-1060.2	DU	6.03	0.93	1.66	0.0	0.0	3.636	1743.	41.	19.	758.7	30.1	1
582	0	464	37.5444	89.5871	-1057.7	DU	7.48	2.50	1.22	0.334	2.052	6.148	1775.	48.	12.	759.7	30.1	1
583	0	416	37.5444	89.5864	-1054.0	DU	5.94	4.23	0.94	0.713	4.486	6.295	1598.	39.	9.	758.7	30.1	1

CP9 1P12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
584	0	376	37.5443	89.5857	-1053.0	DU	6.86	3.54	1.40	0.516	2.522	4.891	1582.	44.	4.	757.1	30.1	1
585	0	404	37.5443	89.5849	-1050.2	DU	8.45	2.78	1.17	0.328	2.381	7.250	1719.	42.	8.	758.1	30.1	1
586	0	392	37.5443	89.5842	-1046.7	DU	6.98	2.38	1.53	0.341	1.559	4.574	1610.	46.	7.	759.2	30.2	1
587	0	364	37.5443	89.5835	-1043.7	DU	6.44	1.98	1.03	0.308	1.918	6.230	1515.	36.	10.	759.2	30.2	1
588	0	384	37.5443	89.5828	-1042.7	DU	7.19	4.20	1.10	0.584	3.805	6.513	1546.	37.	5.	758.7	30.3	1
589	0	408	37.5443	89.5820	-1038.5	DU	6.56	2.78	0.93	0.424	2.989	7.047	1442.	38.	10.	758.7	30.3	1
590	0	404	37.5443	89.5813	-1034.2	DU	7.44	1.82	1.22	0.244	1.494	6.112	1498.	46.	7.	758.7	30.2	1
591	0	404	37.5443	89.5806	-1032.5	DU	5.67	1.71	1.10	0.302	1.557	5.155	1520.	55.	9.	758.7	30.2	1
592	0	400	37.5443	89.5799	-1026.5	DU	6.12	3.34	1.21	0.546	2.772	5.075	1544.	32.	5.	757.6	30.2	1
593	0	432	37.5443	89.5792	-1024.7	DU	7.39	2.29	1.23	0.310	1.856	5.987	1558.	43.	6.	757.6	30.2	1
594	0	440	37.5443	89.5784	-1021.5	DU	7.21	1.96	1.04	0.271	1.882	6.932	1514.	49.	9.	758.7	30.2	1
595	0	408	37.5443	89.5777	-1017.0	DU	5.71	2.83	0.93	0.495	3.044	6.144	1461.	43.	9.	758.7	30.2	1
596	0	396	37.5443	89.5769	-1014.0	DU	5.30	2.90	1.02	0.547	2.842	5.198	1378.	37.	8.	757.6	30.2	1
597	0	400	37.5443	89.5762	-1010.7	DU	7.40	2.68	1.06	0.361	2.533	7.008	1450.	41.	8.	757.6	30.1	1
598	0	400	37.5443	89.5755	-1006.0	DU	5.98	2.28	0.75	0.381	3.027	7.943	1362.	47.	12.	758.7	30.1	1
599	0	416	37.5443	89.5748	-1001.7	DU	6.37	2.11	0.94	0.331	2.245	6.789	1421.	43.	15.	758.1	30.1	1
600	0	428	37.5442	89.5741	-996.5	DU	6.41	2.31	0.86	0.360	2.672	7.424	1412.	40.	15.	757.1	30.1	1
601	0	428	37.5443	89.5733	-991.2	DU	5.17	1.72	1.07	0.333	1.617	4.852	1495.	31.	14.	757.1	30.2	1
602	0	452	37.5443	89.5726	-987.0	DU	6.63	3.46	0.96	0.522	3.609	6.917	1497.	33.	10.	758.7	30.3	1
603	10	444	37.5443	89.5719	-981.5	DU	5.71	0.63	0.97	0.0	0.0	5.917	1420.	43.	19.	758.7	30.3	1
604	10	468	37.5443	89.5712	-976.7	DU	6.76	1.22	1.06	0.0	0.0	6.399	1428.	41.	16.	757.1	30.2	1
605	0	496	37.5443	89.5704	-972.5	DU	4.56	3.69	0.96	0.809	3.857	4.770	1536.	42.	17.	757.1	30.2	1
606	10	524	37.5443	89.5697	-967.7	DU	8.24	0.19	0.98	0.0	0.0	8.400	1510.	48.	18.	758.1	30.2	1
607	0	516	37.5442	89.5689	-960.7	DU	6.05	2.51	1.05	0.415	2.383	5.748	1602.	41.	16.	758.7	30.1	1
608	0	456	37.5442	89.5682	-954.2	DU	7.59	1.59	0.86	0.209	1.854	8.850	1412.	36.	7.	757.6	30.1	1
609	0	424	37.5442	89.5675	-948.7	DU	5.48	2.01	1.00	0.366	2.003	5.473	1368.	49.	12.	757.1	30.1	1
610	0	428	37.5442	89.5667	-944.0	DU	3.27	2.13	0.77	0.650	2.774	4.268	1172.	55.	14.	757.1	30.1	1
611	10	464	37.5442	89.5660	-937.0	DU	6.76	0.97	0.77	0.0	0.0	8.735	1384.	34.	14.	758.1	30.1	1
612	10	448	37.5442	89.5653	-930.7	DU	6.24	0.63	0.92	0.0	0.0	6.806	1343.	39.	12.	758.1	30.1	1
613	10	416	37.5442	89.5646	-924.5	DU	4.80	0.18	0.93	0.0	0.0	5.173	1235.	36.	10.	757.6	30.1	1
614	0	420	37.5442	89.5639	-917.7	DU	4.79	3.41	0.92	0.711	3.699	5.200	1298.	34.	6.	758.7	30.2	1
615	10	460	37.5442	89.5632	-911.2	DU	5.31	-0.32	1.16	0.0	0.0	4.581	1344.	38.	12.	758.7	30.2	1
616	10	464	37.5442	89.5624	-904.7	DU	5.58	0.54	0.80	0.0	0.0	6.950	1358.	45.	16.	757.6	30.2	1
617	10	428	37.5442	89.5617	-898.7	DU	5.31	0.55	0.87	0.0	0.0	6.138	1213.	50.	10.	757.6	30.2	1
618	0	392	37.5442	89.5610	-892.5	DU	6.12	2.00	0.76	0.326	2.627	8.049	1173.	31.	9.	758.7	30.2	1
619	0	384	37.5442	89.5602	-886.5	DU	2.75	3.01	0.68	1.094	4.410	4.031	1149.	49.	7.	758.7	30.1	1
620	0	380	37.5442	89.5595	-880.0	DU	3.10	3.16	0.48	1.019	6.590	6.465	1150.	44.	7.	757.6	30.1	1
621	0	400	37.5442	89.5588	-873.7	DU	3.79	3.63	0.65	0.959	5.604	5.846	1239.	39.	7.	757.1	30.1	1
622	0	404	37.5442	89.5581	-867.0	DU	3.54	2.63	0.93	0.743	2.815	3.787	1243.	49.	8.	758.1	30.1	1
623	0	404	37.5442	89.5574	-860.7	DU	4.43	3.33	0.65	0.750	5.097	6.793	1243.	46.	7.	759.2	30.1	1
624	10	424	37.5442	89.5566	-855.7	DU	5.38	1.08	1.08	0.0	0.0	4.968	1339.	29.	10.	758.1	30.1	1
625	0	424	37.5442	89.5559	-849.5	DU	7.57	2.87	1.08	0.379	2.648	6.989	1449.	31.	9.	757.1	30.1	1
626	0	420	37.5442	89.5552	-843.2	DU	6.41	1.91	0.73	0.298	2.635	8.831	1226.	45.	11.	758.7	30.1	1
627	0	428	37.5442	89.5545	-837.5	DU	4.13	1.90	0.85	0.459	2.224	4.845	1331.	47.	11.	759.7	30.0	1
628	10	456	37.5442	89.5537	-833.0	DU	6.84	0.01	1.39	0.0	0.0	4.932	1449.	46.	13.	758.7	30.1	1
629	10	444	37.5442	89.5529	-826.7	DU	4.32	0.62	1.03	0.0	0.0	4.186	1320.	46.	14.	758.7	30.0	1
630	0	440	37.5442	89.5522	-821.5	DU	3.12	1.92	1.15	0.617	1.675	2.714	1331.	47.	12.	759.7	30.1	1
631	0	416	37.5441	89.5515	-816.5	DU	5.66	2.60	1.06	0.459	2.447	5.331	1426.	30.	10.	759.7	30.1	1
632	0	412	37.5442	89.5508	-812.2	DU	3.94	2.72	1.00	0.691	2.726	3.945	1359.	41.	7.	758.7	30.1	1
633	10	448	37.5442	89.5500	-806.5	DU	6.16	1.01	1.07	0.0	0.0	5.762	1422.	46.	12.	757.6	30.1	1
634	0	484	37.5442	89.5493	-802.0	DU	7.23	2.14	1.26	0.296	1.705	5.757	1508.	51.	9.	758.7	30.1	1
635	10	484	37.5442	89.5486	-798.7	DU	6.11	1.48	1.16	0.0	0.0	5.246	1507.	37.	11.	759.7	30.1	1
636	10	468	37.5442	89.5479	-793.2	DU	5.05	0.98	1.25	0.0	0.0	4.023	1431.	49.	14.	758.7	30.1	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
637	10	444	37.5442	89.5472	-791.0	DU	5.82	0.86	0.86	0.0	0.0	6.751	1325.	47.	14.	757.6	30.1	1
638	0	484	37.5442	89.5464	-788.0	DU	3.89	3.00	1.22	0.771	2.453	3.183	1470.	35.	8.	758.1	30.1	1
639	10	560	37.5441	89.5457	-784.0	DU	7.72	1.56	1.32	0.0	0.0	5.872	1608.	54.	18.	759.2	30.1	1
640	10	540	37.5441	89.5449	-781.2	DU	6.27	1.66	1.13	0.0	0.0	5.521	1616.	46.	14.	758.7	30.1	1
641	10	480	37.5441	89.5442	-779.2	DU	6.09	1.12	1.12	0.0	0.0	5.447	1393.	35.	12.	758.7	30.1	1
642	0	460	37.5441	89.5435	-776.5	DU	6.02	2.64	0.80	0.439	3.297	7.516	1320.	40.	8.	760.2	30.1	1
643	0	440	37.5441	89.5428	-774.5	DU	4.47	1.78	0.98	0.398	1.811	4.545	1361.	29.	6.	758.1	30.1	1
644	0	448	37.5441	89.5421	-773.0	DU	3.80	3.15	1.03	0.829	3.065	3.698	1347.	50.	9.	755.0	30.0	1
645	0	448	37.5441	89.5414	-769.7	DU	5.57	2.26	0.85	0.406	2.667	6.563	1326.	43.	5.	758.1	30.0	1
646	0	432	37.5441	89.5406	-769.0	DU	5.13	3.75	0.75	0.730	5.003	6.849	1285.	30.	4.	760.2	30.0	1
647	0	432	37.5441	89.5399	-767.2	DU	4.44	2.86	0.97	0.645	2.963	4.593	1369.	38.	2.	758.1	30.0	1
648	0	412	37.5441	89.5392	-766.0	DU	5.56	2.34	0.85	0.422	2.772	6.573	1241.	56.	3.	757.6	30.0	1
649	0	432	37.5441	89.5384	-765.7	DU	5.56	2.80	0.88	0.504	3.192	6.337	1289.	42.	3.	758.7	30.0	1
650	10	440	37.5441	89.5377	-766.0	DU	5.17	1.33	0.73	0.0	0.0	7.058	1247.	49.	4.	758.7	30.0	1
651	0	428	37.5441	89.5370	-763.7	DU	6.83	2.46	0.63	0.360	3.903	10.827	1290.	37.	6.	757.6	30.0	1
652	0	424	37.5441	89.5362	-764.0	DU	5.60	2.76	0.52	0.492	5.316	10.806	1180.	36.	8.	758.7	30.0	1
653	0	420	37.5441	89.5355	-765.0	DU	5.08	2.11	0.58	0.416	3.665	8.814	1114.	39.	7.	759.7	30.0	1
654	0	400	37.5441	89.5348	-764.0	DU	3.51	2.52	0.78	0.719	3.231	4.496	1190.	38.	5.	758.7	30.0	1
655	10	404	37.5441	89.5340	-763.7	DU	3.79	1.03	0.77	0.0	0.0	4.906	1216.	43.	10.	758.1	30.0	1
656	10	416	37.5441	89.5333	-764.7	DU	4.62	1.20	1.08	0.0	0.0	4.289	1215.	40.	10.	759.2	30.0	1
657	10	444	37.5441	89.5326	-764.2	DU	3.98	0.60	0.85	0.0	0.0	4.663	1178.	39.	12.	759.2	30.0	1
658	10	500	37.5441	89.5319	-764.2	DU	5.24	0.83	0.90	0.0	0.0	5.821	1253.	46.	11.	758.1	30.0	1
659	0	508	37.5441	89.5312	-765.5	DU	4.09	1.78	1.05	0.435	1.694	3.893	1208.	37.	9.	758.7	30.0	1
660	0	508	37.5441	89.5304	-766.2	DU	3.50	2.68	0.90	0.766	2.971	3.881	1168.	39.	8.	759.7	30.0	1
661	0	484	37.5441	89.5297	-765.7	DU	2.05	2.69	0.57	1.316	4.705	3.575	1087.	44.	7.	758.7	30.0	1
662	0	432	37.5441	89.5290	-766.5	DU	3.51	2.05	0.46	0.584	4.471	7.656	989.	40.	4.	757.6	30.0	1
663	0	400	37.5440	89.5283	-767.2	DU	2.37	2.48	0.80	1.047	3.102	2.963	1004.	31.	4.	758.7	30.0	1
664	0	424	37.5440	89.5275	-768.2	DU	3.49	2.26	0.62	0.649	3.663	5.646	952.	44.	8.	758.7	30.0	1
665	0	468	37.5441	89.5268	-769.5	DU	4.37	2.43	0.62	0.556	3.902	7.021	944.	46.	4.	757.6	29.9	1
666	0	436	37.5441	89.5260	-772.2	DU	2.05	1.39	0.45	0.677	3.099	4.577	859.	46.	10.	758.7	29.9	1
667	0	440	37.5441	89.5253	-773.2	DU	4.32	1.90	0.55	0.441	3.477	7.879	951.	41.	8.	759.2	29.9	1
668	0	484	37.5441	89.5246	-775.7	QAL	2.48	2.29	0.78	0.926	2.946	3.181	1034.	34.	9.	758.7	29.9	1
669	10	516	37.5441	89.5238	-776.2	QAL	4.07	0.82	0.72	0.0	0.0	5.623	1062.	41.	12.	758.7	29.9	1
670	10	532	37.5441	89.5231	-777.7	QAL	3.52	0.41	0.60	0.0	0.0	5.845	926.	42.	13.	759.7	29.9	1
671	10	564	37.5440	89.5224	-779.2	QAL	3.01	0.15	0.48	0.0	0.0	6.296	789.	44.	16.	758.7	29.9	1
672	111	620	37.5440	89.5217	-781.2	QAL	1.12	1.47	0.25	0.0	0.0	0.0	634.	42.	14.	757.6	29.8	1
673	11	696	37.5440	89.5210	-783.0	QAL	1.86	0.40	0.13	0.0	0.0	0.0	578.	33.	14.	758.7	29.8	1
674	111	700	37.5440	89.5203	-784.2	(WATER)	0.52	2.04	-0.14	0.0	0.0	0.0	455.	34.	16.	758.7	29.8	1
675	111	704	37.5440	89.5195	-786.0	(WATER)	-0.26	1.57	-0.15	0.0	0.0	0.0	363.	38.	11.	757.6	29.7	1
676	111	704	37.5440	89.5188	-787.5	(WATER)	0.77	0.72	0.02	0.0	0.0	0.0	302.	40.	10.	758.7	29.7	1
677	111	704	37.5440	89.5180	-790.2	(WATER)	0.06	0.04	0.01	0.0	0.0	0.0	313.	52.	13.	759.7	29.7	1
678	1101	708	37.5440	89.5173	-791.0	(WATER)	-0.27	2.11	-0.00	0.0	0.0	0.0	340.	31.	9.	757.6	29.7	1
679	1111	708	37.5440	89.5166	-791.0	(WATER)	-0.17	0.75	0.09	0.0	0.0	0.0	358.	35.	9.	758.1	29.7	1
680	1111	708	37.5440	89.5159	-793.5	(WATER)	-0.01	0.61	0.14	0.0	0.0	0.0	434.	33.	13.	760.2	29.7	1
681	1110	708	37.5440	89.5152	-794.2	(WATER)	1.36	0.07	0.38	0.0	0.0	0.0	530.	36.	12.	758.7	29.7	1
682	1010	708	37.5440	89.5144	-794.5	(WATER)	2.30	1.29	0.52	0.0	0.0	4.397	724.	44.	11.	757.6	29.7	1
683	10	700	37.5440	89.5137	-796.7	(WATER)	4.44	0.20	0.72	0.0	0.0	6.132	986.	37.	10.	758.7	29.6	1
684	10	692	37.5440	89.5130	-798.2	(WATER)	3.47	-0.03	0.81	0.0	0.0	4.281	1054.	39.	15.	758.1	29.5	1
685	10	692	37.5440	89.5123	-799.5	(WATER)	4.33	2.29	0.77	0.0	0.0	5.647	1333.	33.	12.	758.1	29.6	1
686	10	688	37.5440	89.5116	-801.7	(WATER)	6.05	2.27	1.20	0.0	0.0	5.045	1402.	35.	19.	759.2	29.7	1
687	0	680	37.5439	89.5107	-803.5	(WATER)	4.41	3.36	0.58	0.761	5.811	7.631	1386.	38.	17.	759.2	29.7	1
688	10	660	37.5439	89.5100	-803.5	(WATER)	2.97	-0.81	0.69	0.0	0.0	4.293	1236.	39.	22.	758.7	29.7	1
689	10	652	37.5439	89.5093	-804.5	(WATER)	4.89	-0.87	1.08	0.0	0.0	4.551	1246.	45.	17.	758.1	29.7	1

*	TAGS			* LOCATION		*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
690	10	684	37.5440	89.5086	-807.0	(WATER)	4.52	0.00	1.20	0.0	0.0	3.772	1374.	42.	20.	758.1	29.8	1
691	0	688	37.5440	89.5079	-808.7	(WATER)	3.93	3.12	1.11	0.793	2.813	3.546	1429.	40.	17.	759.2	29.7	1
692	10	684	37.5440	89.5071	-809.5	(WATER)	3.21	2.33	0.93	0.0	0.0	3.444	1427.	42.	16.	758.7	29.8	1
693	0	628	37.5440	89.5064	-812.7	(WATER)	2.29	3.08	1.10	1.346	2.810	2.088	1201.	42.	17.	759.2	29.8	1
694	0	620	37.5440	89.5057	-813.7	(WATER)	1.67	3.97	0.53	2.372	7.482	3.155	1220.	37.	13.	758.7	29.8	1
695	10	628	37.5439	89.5050	-815.0	(WATER)	4.77	-0.37	0.98	0.0	0.0	4.849	1166.	36.	15.	758.7	29.8	1
696	10	612	37.5439	89.5042	-816.7	(WATER)	6.82	1.29	0.82	0.0	0.0	8.363	1184.	42.	11.	759.7	29.8	1
697	0	620	37.5439	89.5035	-820.0	(WATER)	4.37	2.88	0.70	0.660	4.132	6.262	1271.	27.	11.	759.2	29.8	1
698	10	656	37.5439	89.5028	-822.2	QAL	5.89	0.70	1.20	0.0	0.0	4.913	1468.	35.	14.	758.7	29.8	1
699	0	668	37.5439	89.5020	-823.5	QAL	7.25	2.48	0.90	0.343	2.750	8.025	1468.	29.	9.	759.2	29.8	1
700	10	672	37.5439	89.5013	-825.0	QAL	5.22	1.25	1.30	0.0	0.0	4.018	1560.	39.	14.	759.2	29.8	1
701	0	668	37.5439	89.5006	-827.2	QAL	4.11	3.20	1.10	0.780	2.903	3.723	1509.	33.	11.	759.2	29.7	1
702	10	648	37.5439	89.4999	-830.0	QAL	7.16	1.72	1.04	0.0	0.0	6.890	1628.	40.	15.	758.7	29.8	1
703	10	660	37.5439	89.4992	-832.5	QAL	8.01	0.16	1.36	0.0	0.0	5.901	1675.	41.	15.	758.7	29.7	1
704	10	664	37.5439	89.4985	-835.5	QAL	6.54	0.68	1.74	0.0	0.0	3.752	1864.	35.	18.	759.2	29.7	1
705	10	664	37.5439	89.4977	-837.7	QAL	13.23	-1.12	1.92	0.0	0.0	6.875	1873.	34.	19.	759.2	29.7	1
706	0	664	37.5439	89.4970	-839.7	QAL	8.23	3.68	1.47	0.447	2.506	5.600	1852.	49.	14.	759.7	29.8	1
707	0	656	37.5439	89.4962	-840.7	QAL	9.22	5.67	1.15	0.615	4.940	8.037	1931.	46.	15.	760.2	29.8	1
708	10	648	37.5439	89.4955	-843.0	QAL	10.68	0.21	1.84	0.0	0.0	5.795	2022.	35.	16.	760.2	29.8	1
709	10	632	37.5439	89.4948	-845.5	QAL	7.82	1.59	1.32	0.0	0.0	5.924	2025.	45.	15.	760.2	29.8	1
710	0	616	37.5439	89.4941	-847.7	QAL	7.88	2.96	1.46	0.375	2.019	5.384	1831.	46.	7.	760.2	29.8	1
711	0	592	37.5439	89.4934	-850.2	QAL	8.89	3.43	1.39	0.385	2.473	6.416	1783.	43.	9.	760.7	29.9	1
712	0	576	37.5439	89.4927	-852.2	QAL	8.17	3.50	1.73	0.429	2.029	4.732	1906.	32.	8.	761.2	29.9	1
713	0	564	37.5439	89.4920	-855.0	QAL	4.88	3.53	1.97	0.723	1.795	2.483	1965.	36.	11.	760.7	30.0	1
714	0	556	37.5439	89.4912	-858.7	QAL	6.33	4.28	1.72	0.676	2.483	3.673	1892.	39.	10.	760.7	30.1	1
715	10	552	37.5440	89.4905	-860.7	QAL	7.12	1.49	1.51	0.0	0.0	4.710	1823.	40.	18.	761.2	30.1	1
716	10	552	37.5440	89.4897	-863.2	QAL	6.26	-0.06	1.71	0.0	0.0	3.665	1884.	47.	22.	761.8	30.1	1
717	10	552	37.5440	89.4891	-867.2	QAL	6.80	1.32	1.71	0.0	0.0	3.980	1886.	30.	22.	762.3	30.2	1
718	10	556	37.5440	89.4884	-870.0	QAL	7.64	0.54	1.76	0.0	0.0	4.345	1723.	46.	25.	761.8	30.2	1
719	10	556	37.5440	89.4877	-872.2	QAL	8.35	0.01	1.49	0.0	0.0	5.603	1875.	41.	29.	761.8	30.2	1
720	10	556	37.5441	89.4870	-876.0	QAL	5.07	0.85	1.94	0.0	0.0	2.617	1903.	31.	30.	760.7	30.2	1
721	10	556	37.5441	89.4863	-877.0	QAL	7.00	-0.76	2.06	0.0	0.0	3.400	1891.	33.	28.	761.2	30.2	1
722	10	564	37.5441	89.4855	-879.2	QAL	5.60	0.84	1.71	0.0	0.0	3.267	1802.	55.	24.	762.8	30.2	1
723	10	564	37.5441	89.4848	-884.5	QAL	7.25	-0.43	1.86	0.0	0.0	3.905	1869.	39.	23.	762.3	30.3	1
724	10	568	37.5441	89.4841	-886.2	QAL	8.50	1.65	1.60	0.0	0.0	5.313	1946.	34.	17.	761.2	30.3	1
725	10	576	37.5441	89.4834	-888.7	QAL	6.12	-0.24	1.72	0.0	0.0	3.567	1965.	37.	19.	760.7	30.3	1
726	0	580	37.5441	89.4827	-891.5	QAL	9.49	2.60	1.69	0.274	1.538	5.606	2043.	52.	12.	759.7	30.2	1
727	10	588	37.5441	89.4820	-893.2	QAL	9.29	1.09	1.93	0.0	0.0	4.807	1948.	42.	13.	760.2	30.3	1
728	10	596	37.5441	89.4813	-895.2	QAL	9.11	1.69	1.53	0.0	0.0	5.943	1945.	41.	17.	760.7	30.3	1
729	10	604	37.5441	89.4805	-897.0	QAL	7.89	1.38	1.97	0.0	0.0	4.003	1890.	37.	20.	760.7	30.3	1
730	10	608	37.5442	89.4798	-900.7	QAL	9.34	-0.11	1.65	0.0	0.0	5.642	1941.	42.	20.	759.2	30.3	1
731	10	612	37.5442	89.4792	-903.7	QAL	7.43	1.87	1.52	0.0	0.0	4.898	1889.	39.	19.	759.7	30.3	1
732	10	616	37.5442	89.4784	-905.5	QAL	9.20	1.77	1.68	0.0	0.0	5.475	1896.	39.	17.	759.7	30.3	1
733	10	620	37.5442	89.4777	-906.7	QAL	8.28	1.02	1.67	0.0	0.0	4.953	1978.	33.	19.	760.2	30.3	1
734	10	620	37.5442	89.4770	-909.7	QAL	8.38	0.46	1.56	0.0	0.0	5.378	2021.	49.	19.	760.2	30.3	1
735	0	616	37.5443	89.4763	-912.2	QAL	7.32	4.15	0.97	0.567	4.267	7.530	2006.	40.	18.	759.7	30.4	1
736	0	612	37.5443	89.4756	-914.7	QAL	9.12	2.71	1.64	0.297	1.653	5.572	1875.	35.	13.	760.2	30.4	1
737	0	612	37.5443	89.4749	-915.2	QAL	7.44	3.45	1.74	0.463	1.980	4.276	1911.	41.	7.	761.2	30.4	1
738	0	608	37.5443	89.4742	-917.7	QAL	5.79	5.74	1.67	0.991	3.427	3.457	1889.	34.	5.	760.7	30.4	1
739	0	596	37.5443	89.4735	-919.5	QAL	6.79	2.94	1.65	0.432	1.774	4.102	1816.	48.	5.	760.2	30.4	1
740	0	588	37.5444	89.4728	-921.7	QAL	7.62	4.07	1.26	0.533	3.231	6.058	1802.	36.	4.	760.7	30.4	1
741	10	584	37.5444	89.4720	-923.2	QAL	9.04	1.91	2.09	0.0	0.0	4.317	1898.	40.	8.	761.2	30.4	1
742	0	580	37.5444	89.4713	-924.7	QAL	7.28	4.53	1.52	0.622	2.978	4.787	1869.	43.	11.	761.2	30.4	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
743	0	576	37.5444	89.4706	-925.2		QAL	5.55	3.39	1.51	0.612	2.251	3.681	1941.	43.	10.	760.7	30.5	1
744	10	572	37.5444	89.4699	-926.5		QAL	6.04	1.16	1.80	0.0	0.0	3.346	1880.	41.	16.	761.2	30.5	1
745	10	568	37.5444	89.4692	-928.0		QAL	6.19	1.83	1.60	0.0	0.0	3.863	1854.	31.	13.	761.2	30.5	1
746	10	564	37.5444	89.4685	-929.2		QAL	7.98	1.40	1.67	0.0	0.0	4.789	1810.	43.	14.	760.7	30.6	1
747	10	564	37.5444	89.4678	-930.5		QAL	8.37	0.74	2.00	0.0	0.0	4.177	1996.	36.	19.	760.7	30.5	1
748	10	564	37.5444	89.4671	-931.7		QAL	9.29	1.81	1.83	0.0	0.0	5.070	1921.	32.	15.	761.8	30.6	1
749	0	560	37.5444	89.4663	-932.5		QAL	10.09	3.01	1.80	0.299	1.674	5.606	2031.	38.	14.	761.2	30.5	1
750	0	560	37.5445	89.4656	-934.0		QAL	7.69	3.47	1.89	0.452	1.834	4.057	2018.	31.	13.	761.2	30.5	1
751	10	560	37.5445	89.4649	-935.2		QAL	8.01	-0.03	2.09	0.0	0.0	3.839	1995.	46.	12.	762.3	30.5	1
752	0	560	37.5445	89.4642	-938.5		QAL	6.80	3.94	1.72	0.580	2.291	3.950	1953.	39.	8.	761.8	30.4	1
753	0	560	37.5445	89.4635	-938.2		QAL	11.67	3.05	1.25	0.261	2.435	9.331	1946.	35.	3.	761.8	30.5	1
754	0	564	37.5446	89.4628	-938.2		QAL	6.16	4.13	1.29	0.670	3.197	4.768	1815.	49.	8.	762.3	30.5	1
755	10	564	37.5446	89.4621	-939.7		QAL	7.90	1.69	1.80	0.0	0.0	4.377	1931.	26.	9.	760.7	30.5	1
756	0	564	37.5446	89.4613	-940.0		QAL	7.18	3.11	1.60	0.433	1.944	4.485	1898.	47.	9.	761.2	30.5	1
757	0	568	37.5446	89.4606	-939.2		QAL	5.46	3.05	1.47	0.559	2.080	3.721	1809.	56.	13.	761.2	30.5	1
758	0	572	37.5446	89.4599	-940.5		QAL	9.22	3.23	1.66	0.350	1.944	5.556	1940.	26.	10.	760.2	30.5	1
759	10	572	37.5446	89.4593	-942.0		QAL	7.00	0.91	1.77	0.0	0.0	3.952	1898.	37.	15.	761.2	30.4	1
760	0	572	37.5446	89.4586	-942.0		QAL	5.49	3.18	1.20	0.579	2.654	4.585	1823.	41.	18.	761.2	30.4	1
761	10	576	37.5446	89.4579	-942.5		QAL	6.07	1.50	1.45	0.0	0.0	4.188	1746.	48.	19.	760.7	30.4	1
762	10	576	37.5446	89.4571	-943.0		QAL	9.39	1.37	1.60	0.0	0.0	5.852	1752.	55.	15.	761.8	30.5	1
763	10	584	37.5446	89.4564	-942.0		QAL	6.60	1.43	1.55	0.0	0.0	4.246	1723.	48.	13.	761.2	30.5	1
764	10	600	37.5447	89.4557	-941.0		QAL	5.36	1.91	1.55	0.0	0.0	3.455	1682.	51.	12.	760.7	30.5	1
765	10	608	37.5447	89.4549	-942.0		QAL	5.95	0.57	1.38	0.0	0.0	4.311	1652.	44.	16.	760.7	30.5	1
766	10	604	37.5447	89.4543	-942.2		QAL	6.69	2.01	1.37	0.0	0.0	4.898	1637.	44.	15.	761.2	30.5	1
767	0	600	37.5447	89.4536	-942.0		QAL	6.59	4.04	1.67	0.613	2.420	3.948	1688.	48.	14.	760.7	30.5	1
768	10	592	37.5447	89.4529	-943.0		QAL	7.64	-0.58	1.34	0.0	0.0	5.689	1511.	65.	15.	760.7	30.4	1
769	10	588	37.5448	89.4521	-942.2		QAL	5.76	1.97	1.50	0.0	0.0	3.841	1590.	34.	13.	760.7	30.4	1
770	10	548	37.5448	89.4514	-941.7		QAL	4.60	1.13	1.13	0.0	0.0	4.067	1462.	37.	13.	760.2	30.4	1
771	10	544	37.5448	89.4507	-940.5		QAL	6.47	1.52	0.90	0.0	0.0	7.168	1364.	47.	12.	759.7	30.4	1
772	10	536	37.5448	89.4500	-939.5		QAL	6.08	1.41	1.12	0.0	0.0	5.434	1233.	37.	14.	759.7	30.3	1
773	0	520	37.5448	89.4493	-940.0		QAL	4.97	2.76	0.73	0.555	3.791	6.836	1209.	19.	9.	760.2	30.4	1
774	0	524	37.5449	89.4486	-941.2		QAL	4.46	2.39	0.62	0.536	3.862	7.203	1068.	47.	10.	760.7	30.3	1
775	10	532	37.5449	89.4479	-940.5		QAL	3.79	1.45	0.68	0.0	0.0	5.555	1007.	42.	10.	760.2	30.3	1
776	101	556	37.5449	89.4471	-940.2		QAL	1.29	3.02	0.24	0.0	0.0	0.0	827.	46.	12.	760.7	30.3	1
777	0	612	37.5449	89.4464	-940.0		QAL	2.14	2.94	0.61	1.376	4.851	3.525	926.	25.	4.	759.2	30.3	1
778	10	624	37.5449	89.4457	-938.0		QAL	2.58	1.65	0.41	0.0	0.0	6.211	811.	38.	11.	758.7	30.3	1
779	10	640	37.5449	89.4451	-937.7		QAL	3.26	0.69	0.45	0.0	0.0	7.309	752.	42.	14.	760.2	30.2	1
780	10	656	37.5449	89.4444	-938.0		QAL	3.87	0.05	0.64	0.0	0.0	6.021	740.	45.	11.	759.7	30.2	1
781	110	676	37.5449	89.4436	-935.0		QAL	1.53	1.38	0.43	0.0	0.0	0.0	755.	39.	13.	758.7	30.2	1
782	10	696	37.5449	89.4429	-934.0		QAL	2.37	0.68	0.47	0.0	0.0	5.004	763.	50.	14.	759.2	30.2	1
783	1010	712	37.5449	89.4422	-932.2		QAL	2.22	-1.03	0.88	0.0	0.0	2.536	929.	36.	13.	758.7	30.1	1
784	1110	728	37.5450	89.4415	-930.5		QAL	0.86	1.62	0.42	0.0	0.0	0.0	937.	35.	11.	758.1	30.0	1
785	1010	740	37.5450	89.4407	-929.2		QAL	3.06	1.14	0.71	0.0	0.0	4.308	1055.	38.	12.	757.6	29.9	1
786	1001	724	37.5450	89.4401	-928.5		QAL	2.28	4.45	0.06	1.956	0.0	0.0	1117.	44.	12.	757.6	29.9	1
787	1010	716	37.5450	89.4394	-926.5		QAL	2.16	1.19	0.94	0.0	0.0	2.291	1063.	39.	10.	757.1	29.8	1
788	1010	720	37.5450	89.4387	-923.7		QAL	3.40	0.30	0.91	0.0	0.0	3.736	1153.	39.	17.	757.6	29.8	1
789	1010	720	37.5451	89.4380	-923.0		DU	3.05	-0.68	0.53	0.0	0.0	5.765	1088.	42.	17.	757.1	29.7	1
790	10	692	37.5451	89.4372	-921.2		DU	3.98	-0.89	0.78	0.0	0.0	5.077	1131.	41.	19.	757.1	29.7	1
791	10	616	37.5451	89.4365	-920.0		DU	1.76	1.18	0.32	0.0	0.0	5.471	985.	53.	15.	757.6	29.7	1
792	1	548	37.5451	89.4358	-917.7		DU	2.80	2.66	0.21	0.917	0.0	0.0	921.	33.	14.	757.1	29.6	1
793	10	492	37.5451	89.4351	-916.7		DU	1.77	1.42	0.54	0.0	0.0	3.272	843.	45.	13.	756.6	29.6	1
794	10	468	37.5451	89.4344	-915.5		DU	4.81	-0.44	0.48	0.0	0.0	10.115	825.	49.	10.	756.1	29.6	1
795	0	476	37.5451	89.4337	-914.2		DU	4.19	2.98	0.57	0.711	5.208	7.326	1022.	41.	9.	756.6	29.6	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
796	0	468	37.5452	89.4330	-912.5	DU	3.34	2.23	0.89	0.667	2.508	3.760	1045.	31.	4.	757.6	29.6	1
797	0	460	37.5452	89.4322	-909.5	DU	5.08	3.09	0.51	0.609	6.055	9.941	1063.	26.	5.	757.6	29.6	1
798	0	408	37.5452	89.4315	-909.0	DU	4.11	1.40	0.55	0.341	2.553	7.491	947.	49.	4.	758.1	29.6	1
799	0	344	37.5452	89.4308	-906.2	DU	4.74	1.17	0.81	0.247	1.453	5.870	1078.	51.	3.	757.6	29.6	1
800	0	296	37.5452	89.4301	-904.0	DU	5.82	2.92	0.69	0.501	4.251	8.485	1160.	34.	2.	757.1	29.6	1
801	10	276	37.5452	89.4294	-900.7	DU	6.03	0.80	1.00	0.0	0.0	6.001	1227.	37.	8.	757.6	29.6	1
802	0	292	37.5452	89.4287	-899.2	DU	5.99	1.32	0.86	0.220	1.537	6.979	1158.	40.	7.	757.6	29.6	1
803	0	312	37.5453	89.4280	-897.2	DU	5.04	1.70	0.92	0.337	1.851	5.487	1193.	48.	4.	757.1	29.6	1
804	0	356	37.5453	89.4272	-894.5	DU	5.89	1.47	0.98	0.249	1.491	5.988	1274.	33.	6.	756.6	29.7	1
805	0	376	37.5453	89.4265	-891.2	DU	3.28	1.66	0.68	0.505	2.445	4.839	1216.	35.	10.	757.1	29.7	1
806	0	420	37.5453	89.4258	-890.2	DU	3.38	2.62	0.58	0.773	4.495	5.814	1230.	49.	8.	757.6	29.7	1
807	0	440	37.5453	89.4252	-888.2	DU	3.40	2.40	1.09	0.708	2.197	3.103	1265.	38.	10.	756.6	29.7	1
808	0	460	37.5453	89.4245	-885.2	DU	4.63	1.98	0.74	0.428	2.665	6.226	1286.	37.	6.	756.6	29.7	1
809	10	472	37.5453	89.4237	-882.7	DU	4.96	1.44	0.88	0.0	0.0	5.649	1263.	41.	8.	757.1	29.6	1
810	0	472	37.5453	89.4230	-880.7	DU	4.28	3.07	0.95	0.719	3.238	4.505	1264.	46.	8.	758.1	29.7	1
811	0	452	37.5453	89.4223	-877.5	DU	4.16	2.18	0.81	0.525	2.713	5.168	1275.	41.	8.	757.6	29.7	1
812	10	420	37.5453	89.4216	-873.2	DU	5.58	1.23	0.80	0.0	0.0	6.971	1204.	37.	11.	756.6	29.7	1
813	10	428	37.5454	89.4209	-871.5	DU	5.02	0.51	0.74	0.0	0.0	6.743	1138.	43.	11.	757.6	29.7	1
814	10	416	37.5454	89.4202	-869.5	DU	5.29	1.23	0.81	0.0	0.0	6.567	1230.	37.	9.	758.1	29.7	1
815	0	404	37.5454	89.4195	-867.0	DU	4.77	2.65	0.64	0.555	4.167	7.507	1142.	44.	10.	757.6	29.7	1
816	0	424	37.5454	89.4188	-863.5	DU	3.94	3.04	0.95	0.772	3.195	4.140	1178.	35.	5.	757.1	29.7	1
817	0	432	37.5454	89.4180	-862.7	DU	4.34	2.00	0.88	0.461	2.266	4.911	1093.	37.	7.	757.6	29.7	1
818	0	460	37.5455	89.4173	-859.2	DU	3.96	2.43	0.98	0.613	2.473	4.038	1184.	35.	6.	757.6	29.7	1
819	10	440	37.5455	89.4166	-858.0	DU	5.61	0.03	0.69	0.0	0.0	8.171	1088.	36.	8.	757.1	29.6	1
820	0	452	37.5455	89.4159	-855.0	DU	3.89	2.62	0.80	0.672	3.260	4.849	1167.	40.	8.	757.6	29.6	1
821	0	468	37.5455	89.4152	-851.7	DU	5.02	2.58	0.71	0.514	3.640	7.088	1127.	37.	9.	758.1	29.6	1
822	10	496	37.5455	89.4145	-849.7	DU	3.89	1.42	0.73	0.0	0.0	5.315	1236.	35.	12.	757.6	29.6	1
823	0	496	37.5456	89.4138	-847.2	DU	7.13	2.13	0.78	0.300	2.746	9.169	1172.	33.	8.	757.6	29.6	1
824	10	536	37.5456	89.4131	-845.7	DU	6.19	-1.36	1.38	0.0	0.0	4.494	1256.	41.	11.	757.6	29.7	1
825	0	544	37.5456	89.4123	-843.7	DU	5.54	3.36	0.74	0.606	4.570	7.540	1298.	35.	14.	758.1	29.7	1
826	0	540	37.5456	89.4116	-842.2	DU	3.13	2.24	0.94	0.714	2.377	3.329	1214.	46.	11.	758.1	29.8	1
827	0	548	37.5456	89.4110	-839.7	DU	2.57	2.60	1.01	1.013	2.575	2.542	1273.	49.	10.	757.6	29.8	1
828	0	548	37.5456	89.4103	-836.7	DU	5.22	3.01	0.92	0.576	3.286	5.709	1225.	39.	4.	757.6	29.8	1
829	10	552	37.5457	89.4095	-833.5	QAL	4.36	0.57	1.20	0.0	0.0	3.641	1318.	36.	7.	756.6	29.9	1
830	0	556	37.5457	89.4088	-832.2	QAL	4.81	3.14	0.98	0.653	3.189	4.884	1320.	37.	3.	757.1	29.9	1
831	10	568	37.5457	89.4081	-830.0	QAL	6.77	0.81	1.02	0.0	0.0	6.648	1352.	44.	7.	757.6	29.9	1
832	0	596	37.5457	89.4073	-827.0	QAL	5.68	2.71	1.20	0.476	2.253	4.732	1376.	48.	7.	757.1	29.9	1
833	0	576	37.5457	89.4067	-825.2	QAL	5.84	2.47	0.71	0.423	3.487	8.248	1259.	38.	10.	756.6	29.9	1
834	0	568	37.5457	89.4060	-823.5	QAL	5.40	2.13	1.07	0.394	1.988	5.051	1261.	42.	7.	756.6	30.0	1
835	100	584	37.5457	89.4053	-821.2	QAL	1.46	4.60	0.91	0.0	5.060	0.0	1363.	40.	9.	757.1	30.0	1
836	10	632	37.5457	89.4046	-819.7	QAL	9.16	1.43	0.89	0.0	0.0	10.309	1407.	43.	9.	757.6	30.0	1
837	10	656	37.5458	89.4039	-817.5	DU	4.28	1.35	1.43	0.0	0.0	2.990	1493.	43.	16.	757.1	29.9	1
838	10	648	37.5458	89.4031	-817.0	DU	4.71	0.95	1.17	0.0	0.0	4.036	1438.	41.	14.	756.6	29.9	1
839	10	640	37.5458	89.4024	-814.2	QAL	3.87	2.13	1.19	0.0	0.0	3.243	1464.	43.	12.	756.6	29.8	1
840	10	640	37.5458	89.4017	-811.7	QAL	3.01	2.19	0.77	0.0	0.0	3.903	1381.	49.	17.	757.1	29.9	1
841	10	628	37.5458	89.4010	-810.2	QAL	5.95	0.56	1.01	0.0	0.0	5.897	1420.	49.	18.	757.6	29.9	1
842	10	580	37.5459	89.4003	-810.5	QAL	5.66	0.77	0.89	0.0	0.0	6.364	1337.	42.	15.	757.1	29.9	1
843	10	572	37.5459	89.3996	-807.7	QAL	5.96	1.13	0.89	0.0	0.0	6.725	1409.	36.	15.	757.6	29.9	1
844	10	612	37.5459	89.3988	-805.7	QAL	7.36	1.59	1.03	0.0	0.0	7.155	1445.	36.	19.	757.6	30.0	1
845	10	604	37.5459	89.3981	-806.0	QAL	3.52	-0.04	0.91	0.0	0.0	3.876	1272.	40.	23.	757.1	29.9	1
846	10	596	37.5459	89.3974	-805.7	DU	5.13	0.84	0.99	0.0	0.0	5.161	1281.	32.	14.	756.6	30.0	1
847	10	620	37.5459	89.3967	-805.7	DU	5.49	0.78	0.95	0.0	0.0	5.789	1315.	26.	18.	757.1	30.0	1
848	10	656	37.5459	89.3960	-806.0	DU	4.00	1.59	1.13	0.0	0.0	3.540	1356.	36.	14.	757.6	30.0	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
849	10	660	37.5459	89.3953	-805.7	DU	3.92	0.52	1.74	0.0	0.0	2.259	1452.	36.	9.	757.6	29.9	1
850	0	660	37.5459	89.3946	-805.0	DU	2.65	2.34	1.15	0.885	2.038	2.304	1288.	42.	14.	757.6	29.9	1
851	10	656	37.5459	89.3939	-804.2	DU	5.64	1.83	0.82	0.0	0.0	6.909	1201.	35.	9.	758.1	29.9	1
852	0	536	37.5460	89.3932	-804.0	DU	5.00	2.82	0.65	0.564	4.371	7.751	946.	43.	5.	758.1	29.9	1
853	0	484	37.5460	89.3924	-803.5	DU	3.40	1.47	0.46	0.433	3.229	7.458	843.	33.	8.	757.6	29.9	1
854	0	488	37.5460	89.3917	-804.0	DU	2.91	2.80	0.48	0.963	5.888	6.112	854.	37.	6.	757.6	29.8	1
855	10	432	37.5460	89.3911	-803.5	DU	2.72	1.14	0.51	0.0	0.0	5.329	791.	44.	6.	757.6	29.9	1
856	0	428	37.5460	89.3904	-803.5	DU	2.73	1.81	0.45	0.662	4.013	6.060	895.	33.	9.	757.1	29.9	1
857	10	424	37.5461	89.3897	-803.2	DU	3.20	-0.07	0.67	0.0	0.0	4.777	1012.	42.	16.	757.6	29.9	1
858	0	384	37.5461	89.3889	-803.5	DU	2.62	2.16	0.53	0.825	4.116	4.991	1027.	34.	11.	758.1	29.9	1
859	10	428	37.5461	89.3882	-803.7	DU	4.40	0.59	0.87	0.0	0.0	5.071	1183.	43.	15.	757.6	29.8	1
860	10	412	37.5461	89.3875	-803.0	DU	3.78	0.24	0.95	0.0	0.0	3.989	1092.	46.	15.	757.6	29.8	1
861	10	428	37.5461	89.3868	-804.0	DU	5.84	-0.09	0.89	0.0	0.0	6.599	1189.	39.	14.	757.6	29.8	1
862	0	424	37.5461	89.3861	-804.5	DU	6.15	1.71	0.92	0.277	1.855	6.690	1242.	30.	17.	757.1	29.8	1
863	10	432	37.5461	89.3854	-804.7	DU	4.36	1.60	0.83	0.0	0.0	5.218	1241.	39.	19.	757.1	29.8	1
864	10	468	37.5461	89.3847	-804.5	DU	5.37	0.48	1.11	0.0	0.0	4.830	1255.	41.	16.	757.6	29.8	1
865	10	500	37.5461	89.3839	-804.0	DU	6.78	1.21	1.02	0.0	0.0	6.644	1347.	29.	14.	757.6	29.8	1
866	10	480	37.5461	89.3832	-805.0	DU	4.88	0.71	1.29	0.0	0.0	3.780	1309.	41.	13.	757.6	29.8	1
867	0	468	37.5462	89.3825	-806.2	DU	3.40	1.81	0.88	0.534	2.063	3.865	1271.	33.	14.	758.1	29.8	1
868	0	500	37.5462	89.3818	-807.5	DU	4.20	1.93	1.21	0.460	1.600	3.479	1376.	44.	13.	758.7	29.8	1
869	0	492	37.5462	89.3811	-807.2	DU	6.43	3.09	0.86	0.480	3.602	7.497	1323.	44.	8.	758.1	29.8	1
870	10	440	37.5462	89.3804	-807.2	DU	5.14	1.30	1.14	0.0	0.0	4.490	1275.	34.	7.	757.6	29.8	1
871	0	400	37.5463	89.3797	-808.0	DU	4.57	1.91	0.61	0.417	3.126	7.489	1153.	43.	7.	757.6	29.8	1
872	0	408	37.5463	89.3789	-809.2	DU	5.13	1.60	0.81	0.312	1.973	6.326	1105.	41.	4.	758.1	29.9	1
873	10	476	37.5463	89.3782	-810.0	DU	2.94	0.77	1.12	0.0	0.0	2.634	1229.	47.	9.	758.7	29.9	1
874	0	452	37.5463	89.3775	-808.7	DU	4.22	1.95	0.77	0.461	2.518	5.461	1263.	36.	7.	758.1	29.9	1
875	10	400	37.5463	89.3768	-808.5	DU	5.40	1.08	0.75	0.0	0.0	7.242	1117.	38.	8.	757.6	29.8	1
876	0	372	37.5463	89.3762	-810.0	DU	2.00	1.83	0.97	0.915	1.887	2.062	1091.	46.	5.	757.6	29.8	1
877	0	384	37.5463	89.3755	-809.5	DU	3.80	1.46	0.74	0.384	1.975	5.141	1008.	48.	7.	758.1	29.8	1
878	10	404	37.5463	89.3747	-809.7	DU	4.27	0.94	0.60	0.0	0.0	7.104	1021.	48.	9.	757.6	29.8	1
879	10	420	37.5464	89.3740	-810.7	DU	3.77	0.92	1.04	0.0	0.0	3.633	1149.	33.	12.	757.1	29.8	1
880	10	492	37.5464	89.3733	-811.0	DU	7.90	-0.11	0.86	0.0	0.0	9.147	1223.	38.	13.	757.6	29.9	1
881	10	544	37.5464	89.3725	-810.2	DU	4.82	0.60	0.79	0.0	0.0	6.115	1259.	35.	15.	756.6	29.9	1
882	0	528	37.5464	89.3719	-810.2	DU	2.16	3.42	0.93	1.584	3.672	2.318	1251.	43.	11.	757.6	30.0	1
883	10	492	37.5464	89.3712	-811.0	DU	4.37	-0.08	0.91	0.0	0.0	4.776	1151.	45.	15.	758.1	30.0	1
884	10	440	37.5464	89.3705	-811.7	DU	3.54	0.83	0.85	0.0	0.0	4.151	1084.	42.	13.	756.6	29.9	1
885	10	408	37.5464	89.3697	-811.0	DU	4.44	0.44	0.74	0.0	0.0	5.960	1008.	40.	15.	756.1	29.9	1
886	0	424	37.5465	89.3690	-809.2	DU	4.96	1.77	0.62	0.356	2.827	7.945	1112.	31.	13.	757.1	29.9	1
887	10	416	37.5465	89.3683	-810.2	DU	3.09	-0.06	0.73	0.0	0.0	4.241	972.	45.	18.	756.1	29.9	1
888	10	436	37.5465	89.3676	-810.5	DU	3.47	0.60	0.71	0.0	0.0	4.871	1090.	30.	16.	755.5	30.0	1
889	10	492	37.5465	89.3669	-810.2	DU	3.19	0.44	0.68	0.0	0.0	4.719	1128.	36.	18.	756.6	30.0	1
890	10	520	37.5465	89.3662	-809.2	DU	5.49	0.18	0.81	0.0	0.0	6.767	1226.	43.	17.	757.1	30.0	1
891	0	584	37.5466	89.3655	-808.7	DU	5.51	2.54	1.00	0.461	2.533	5.496	1294.	38.	14.	756.6	29.9	1
892	10	656	37.5466	89.3647	-807.5	DU	4.71	1.69	0.92	0.0	0.0	5.131	1421.	39.	17.	756.6	29.9	1
893	0	656	37.5466	89.3640	-808.2	DU	5.47	3.95	1.00	0.723	3.936	5.442	1501.	54.	14.	756.6	29.9	1
894	0	652	37.5466	89.3633	-807.2	DU	7.66	5.77	0.74	0.754	7.822	10.374	1679.	29.	11.	757.1	29.7	1
895	0	604	37.5466	89.3626	-804.7	DU	5.25	3.02	0.78	0.575	3.882	6.745	1410.	29.	8.	757.1	29.8	1
896	10	532	37.5466	89.3619	-803.5	DU	6.90	1.53	0.78	0.0	0.0	8.858	1320.	40.	8.	757.6	29.8	1
897	10	476	37.5466	89.3612	-805.0	DU	3.22	-0.12	1.01	0.0	0.0	3.181	1088.	51.	10.	757.6	29.8	1
898	0	436	37.5466	89.3605	-803.7	DU	5.97	2.54	0.71	0.425	3.601	8.468	1165.	36.	9.	756.6	29.8	1
899	10	416	37.5466	89.3598	-802.7	DU	5.30	-0.55	1.02	0.0	0.0	5.210	1117.	48.	12.	757.1	29.8	1
900	0	416	37.5466	89.3591	-801.7	DU	3.46	2.94	0.55	0.849	5.319	6.262	1106.	48.	8.	757.6	29.8	1
901	10	420	37.5467	89.3584	-801.0	DU	4.98	0.36	0.73	0.0	0.0	6.798	1110.	40.	11.	755.5	29.8	1

CPY IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
902	10	448	37.5467	89.3576	-800.2	DU	3.35	0.57	0.78	0.0	0.0	4.262	1171.	35.	10.	757.6	29.8	1
903	10	472	37.5467	89.3570	-798.5	DU	3.53	1.18	0.86	0.0	0.0	4.113	1125.	44.	12.	758.7	29.8	1
904	10	484	37.5467	89.3563	-797.7	DU	3.32	1.46	0.95	0.0	0.0	3.486	1199.	35.	10.	756.6	29.9	1
905	0	452	37.5467	89.3555	-797.2	DU	4.06	2.15	0.49	0.530	4.381	8.260	1213.	41.	7.	758.7	29.9	1
906	0	416	37.5468	89.3548	-795.7	DU	5.00	3.43	0.62	0.687	5.524	8.047	1145.	46.	6.	758.7	30.0	1
907	10	388	37.5468	89.3541	-793.5	DU	5.01	0.94	0.69	0.0	0.0	7.258	1128.	46.	8.	756.6	30.0	1
908	0	372	37.5468	89.3534	-792.5	DU	4.13	1.97	0.77	0.477	2.556	5.363	1130.	47.	4.	758.1	30.0	1
909	0	396	37.5468	89.3527	-790.7	DU	3.56	2.42	0.61	0.680	3.937	5.792	1120.	48.	3.	758.1	30.0	1
910	0	488	37.5468	89.3520	-789.5	DU	4.04	2.80	1.13	0.693	2.479	3.575	1339.	38.	5.	756.1	30.0	1
911	0	484	37.5468	89.3513	-789.2	DU	5.71	2.14	0.93	0.375	2.301	6.143	1204.	51.	8.	757.1	30.0	1
912	0	420	37.5468	89.3505	-787.5	DU	3.40	1.74	0.72	0.510	2.423	4.752	1197.	34.	11.	757.6	30.0	1
913	10	416	37.5468	89.3498	-785.7	DU	4.61	1.14	1.02	0.0	0.0	4.501	1181.	47.	12.	755.5	30.0	1
914	10	424	37.5468	89.3491	-786.5	DU	4.51	0.30	0.74	0.0	0.0	6.068	1146.	42.	14.	756.6	29.9	1
915	10	452	37.5469	89.3484	-785.5	DU	4.76	0.38	0.83	0.0	0.0	5.721	1214.	40.	18.	758.7	29.9	1
916	10	412	37.5469	89.3477	-783.0	DU	4.89	1.21	0.75	0.0	0.0	6.542	1103.	37.	17.	758.7	29.9	1
917	10	380	37.5469	89.3470	-781.7	DU	4.10	0.52	0.81	0.0	0.0	5.087	1141.	38.	17.	756.6	29.9	1
918	10	400	37.5469	89.3463	-781.0	DU	6.14	-0.34	0.91	0.0	0.0	6.782	1039.	39.	15.	757.1	29.9	1
919	10	472	37.5469	89.3456	-779.0	DU	4.65	1.51	0.71	0.0	0.0	6.542	1220.	49.	16.	758.1	29.9	1
920	10	460	37.5470	89.3448	-777.7	DU	4.46	0.11	1.16	0.0	0.0	3.852	1165.	43.	16.	756.1	29.9	1
921	0	408	37.5470	89.3441	-776.2	DU	4.66	2.31	0.72	0.496	3.212	6.471	1135.	31.	8.	757.1	29.9	1
922	0	424	37.5470	89.3434	-774.5	DU	4.69	1.65	0.92	0.351	1.796	5.121	1231.	38.	10.	759.2	29.9	1
923	0	508	37.5470	89.3427	-774.0	DU	5.99	3.04	1.12	0.508	2.719	5.353	1328.	40.	5.	756.1	29.8	1
924	0	520	37.5470	89.3421	-772.7	DU	5.98	3.30	0.94	0.552	3.498	6.336	1464.	25.	5.	755.0	29.8	1
925	0	508	37.5470	89.3414	-770.5	DU	5.71	3.22	0.92	0.563	3.507	6.231	1348.	47.	1.	758.1	29.9	1
926	0	432	37.5470	89.3406	-769.5	DU	3.63	2.27	0.95	0.626	2.388	3.816	1116.	46.	0.	757.1	29.8	1
927	0	420	37.5470	89.3399	-768.5	DU	2.94	2.53	0.83	0.862	3.049	3.535	1108.	43.	0.	757.6	29.8	1
928	0	456	37.5470	89.3392	-768.5	DU	2.08	2.50	1.00	1.205	2.507	2.081	1159.	43.	0.	758.7	29.8	1
929	0	520	37.5470	89.3385	-768.2	DU	6.20	3.15	0.78	0.508	4.031	7.932	1253.	39.	0.	756.6	29.8	1
930	0	552	37.5471	89.3377	-767.7	DU	4.86	1.92	0.89	0.396	2.170	5.487	1225.	38.	1.	757.6	29.8	1
931	0	528	37.5471	89.3371	-765.7	DU	4.83	2.04	0.86	0.423	2.365	5.597	1071.	51.	1.	758.1	29.8	1
932	0	452	37.5471	89.3364	-766.0	DU	3.19	2.09	0.69	0.655	3.007	4.589	946.	38.	7.	756.1	29.8	1
933	10	420	37.5471	89.3356	-764.5	DU	3.42	1.26	0.56	0.0	0.0	6.129	899.	42.	8.	756.6	29.9	1
934	0	448	37.5471	89.3349	-764.7	DU	2.92	2.06	0.40	0.706	5.161	7.310	859.	48.	9.	757.1	29.8	1
935	10	460	37.5472	89.3342	-763.2	DU	2.46	1.43	0.63	0.0	0.0	3.914	992.	53.	11.	757.6	29.8	1
936	10	468	37.5472	89.3335	-764.0	DU	3.08	1.35	0.78	0.0	0.0	3.941	953.	40.	14.	757.6	29.8	1
937	10	480	37.5472	89.3328	-765.0	DU	6.06	0.35	0.73	0.0	0.0	8.258	1002.	37.	13.	756.1	29.7	1
938	0	508	37.5472	89.3321	-763.7	DU	3.07	1.68	0.75	0.546	2.225	4.075	1025.	42.	12.	756.6	29.7	1
939	0	560	37.5472	89.3314	-762.5	DU	3.64	4.60	0.72	1.263	6.416	5.078	1262.	27.	9.	757.1	29.8	1
940	0	584	37.5472	89.3306	-763.7	DU	6.66	2.25	0.73	0.338	3.088	9.140	1209.	42.	5.	756.6	29.8	1
941	0	564	37.5472	89.3299	-764.7	QAL	5.70	2.05	0.72	0.359	2.835	7.890	1326.	27.	12.	757.6	29.8	1
942	10	584	37.5472	89.3292	-764.0	QAL	5.16	1.59	1.15	0.0	0.0	4.501	1331.	35.	9.	756.6	29.7	1
943	10	648	37.5472	89.3285	-763.0	QAL	6.91	1.47	1.08	0.0	0.0	6.412	1443.	32.	12.	756.6	29.7	1
944	10	676	37.5472	89.3279	-763.5	QAL	7.01	2.33	0.88	0.0	0.0	7.942	1543.	38.	11.	757.6	29.7	1
945	0	684	37.5473	89.3271	-765.7	QAL	7.32	3.84	0.74	0.524	5.217	9.949	1535.	42.	13.	757.1	29.7	1
946	10	684	37.5473	89.3264	-767.0	QAL	7.07	-0.06	1.24	0.0	0.0	5.695	1630.	37.	16.	757.1	29.8	1
947	10	684	37.5473	89.3258	-766.7	QAL	8.80	1.11	0.82	0.0	0.0	10.769	1571.	43.	17.	757.6	29.8	1
948	10	684	37.5473	89.3250	-769.7	QAL	6.04	0.67	0.81	0.0	0.0	7.431	1581.	29.	20.	758.1	29.9	1
949	10	684	37.5472	89.3244	-772.2	DU	6.28	1.42	1.15	0.0	0.0	5.476	1589.	34.	21.	758.7	29.9	1
950	0	680	37.5472	89.3237	-772.5	DU	6.28	2.67	1.40	0.426	1.903	4.471	1691.	33.	13.	758.1	29.8	1
951	10	676	37.5472	89.3229	-774.0	DU	8.04	0.90	1.16	0.0	0.0	6.954	1568.	43.	14.	757.6	29.8	1
952	10	668	37.5472	89.3223	-775.0	DU	7.83	0.84	1.52	0.0	0.0	5.162	1616.	40.	13.	757.6	29.8	1
953	0	664	37.5472	89.3216	-776.5	MCL	5.40	3.37	1.18	0.624	2.867	4.592	1596.	40.	10.	757.6	29.8	1
954	10	664	37.5472	89.3209	-779.0	MCL	9.34	2.14	1.19	0.0	0.0	7.838	1585.	33.	9.	757.6	29.8	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
955	0	620	37.5472	89.3202	-780.0	MCL	4.87	2.74	0.99	0.564	2.760	4.897	1507.	40.	7.	758.1	29.8	1
956	0	584	37.5472	89.3195	-781.7	MCL	6.19	4.02	0.91	0.650	4.435	6.826	1459.	33.	8.	757.1	29.8	1
957	0	580	37.5472	89.3188	-783.5	MCL	5.53	3.11	1.01	0.562	3.089	5.491	1286.	53.	3.	756.6	29.8	1
958	0	568	37.5471	89.3181	-784.5	MCL	5.16	2.03	0.83	0.393	2.438	6.198	1386.	36.	6.	758.1	29.8	1
959	0	560	37.5471	89.3175	-787.7	MCL	2.83	2.60	1.00	0.919	2.597	2.825	1337.	41.	9.	758.7	29.8	1
960	0	540	37.5471	89.3168	-790.2	MCL	5.99	3.39	0.87	0.566	3.890	6.870	1439.	31.	9.	757.6	29.8	1
961	10	528	37.5471	89.3161	-793.0	MCL	4.37	1.34	1.24	0.0	0.0	3.524	1371.	32.	13.	757.6	29.8	1
962	0	532	37.5471	89.3154	-796.0	MCL	3.37	2.07	1.35	0.616	1.537	2.496	1402.	44.	11.	758.1	29.8	1
963	10	544	37.5471	89.3147	-797.7	MCL	6.29	1.25	1.24	0.0	0.0	5.090	1516.	43.	11.	758.7	29.8	1
964	0	508	37.5471	89.3140	-799.0	MCL	4.65	2.18	0.95	0.469	2.304	4.910	1435.	40.	12.	758.7	29.8	1
965	10	524	37.5471	89.3133	-802.5	MCL	6.39	1.00	1.03	0.0	0.0	6.214	1453.	31.	7.	758.1	29.9	1
966	0	540	37.5470	89.3126	-805.2	MCL	7.37	2.05	1.20	0.279	1.705	6.119	1591.	37.	9.	757.6	29.9	1
967	0	524	37.5470	89.3119	-807.2	MCL	6.26	3.09	0.99	0.494	3.117	6.307	1526.	50.	9.	757.6	29.9	1
968	0	520	37.5470	89.3112	-811.0	MCL	4.85	2.66	1.34	0.549	1.979	3.605	1604.	31.	8.	757.6	29.9	1
969	0	540	37.5470	89.3105	-813.2	MCL	8.61	2.00	0.91	0.232	2.183	9.417	1556.	41.	10.	757.6	29.9	1
970	0	564	37.5470	89.3099	-816.0	MCU	7.59	2.58	1.19	0.341	2.163	6.349	1529.	47.	9.	757.6	29.9	1
971	0	524	37.5470	89.3092	-817.2	MCU	4.34	2.09	1.01	0.480	2.061	4.290	1459.	36.	14.	757.6	29.9	1
972	10	524	37.5470	89.3085	-820.0	MCU	7.27	1.12	0.78	0.0	0.0	9.315	1457.	42.	14.	757.1	29.9	1
973	10	544	37.5470	89.3078	-822.5	MCU	7.63	1.51	0.96	0.0	0.0	7.981	1444.	44.	13.	757.1	29.8	1
974	10	528	37.5470	89.3071	-824.5	MCU	6.19	1.48	0.92	0.0	0.0	6.696	1424.	38.	11.	757.1	29.9	1
975	0	508	37.5469	89.3064	-828.0	MCU	4.62	2.54	0.87	0.550	2.902	5.280	1383.	40.	14.	757.1	29.9	1
976	2	512	37.5469	89.3057	-830.7	MCU	5.01	2.51	1.24	0.501	2.032	4.053	1507.	33.	11.	757.1	29.9	1
977	0	532	37.5469	89.3051	-832.5	MCU	6.11	4.17	0.95	0.681	4.370	6.414	1515.	43.	7.	757.6	29.9	1
978	10	568	37.5469	89.3044	-835.7	MCU	7.34	1.43	1.03	0.0	0.0	7.152	1544.	49.	6.	757.6	29.9	1
979	0	600	37.5469	89.3036	-838.2	MCU	5.68	2.83	1.37	0.498	2.067	4.153	1690.	34.	5.	757.6	29.9	1
980	0	588	37.5469	89.3030	-840.5	MCU	6.69	4.07	1.22	0.608	3.327	5.475	1630.	47.	4.	757.6	29.9	1
981	10	568	37.5469	89.3022	-843.5	MCU	7.30	1.46	1.30	0.0	0.0	5.603	1551.	52.	5.	757.6	29.8	1
982	0	560	37.5469	89.3016	-847.5	MCU	4.66	2.69	1.39	0.577	1.930	3.347	1560.	36.	8.	757.6	29.8	1
983	0	532	37.5469	89.3009	-849.2	MCU	6.33	3.25	1.19	0.514	2.724	5.297	1577.	31.	6.	757.6	29.8	1
984	0	520	37.5468	89.3002	-852.2	MCU	5.57	1.92	1.16	0.345	1.650	4.783	1514.	45.	7.	756.6	29.8	1
985	10	520	37.5468	89.2995	-856.7	MCU	4.54	1.36	1.00	0.0	0.0	4.526	1532.	37.	12.	756.6	29.8	1
986	0	520	37.5468	89.2988	-858.5	MCU	6.52	2.99	1.04	0.458	2.886	6.296	1597.	31.	10.	757.6	29.8	1
987	10	500	37.5468	89.2981	-860.7	MCU	6.70	1.10	0.94	0.0	0.0	7.111	1450.	33.	12.	757.6	29.9	1
988	10	480	37.5468	89.2974	-863.5	MCU	4.91	0.71	1.09	0.0	0.0	4.493	1320.	46.	10.	757.1	29.9	1
989	0	476	37.5468	89.2968	-865.2	MCU	4.95	2.03	1.32	0.411	1.536	3.741	1498.	41.	9.	757.1	29.9	1
990	0	476	37.5468	89.2961	-868.5	MCU	5.58	2.76	1.10	0.495	2.516	5.084	1504.	51.	8.	756.6	29.8	1
991	0	448	37.5468	89.2953	-871.2	MCU	6.16	1.89	0.89	0.307	2.116	6.886	1497.	44.	13.	757.1	29.9	1
992	0	420	37.5468	89.2947	-872.2	MCU	4.81	2.82	1.14	0.586	2.478	4.230	1458.	50.	8.	757.1	30.0	1
993	0	424	37.5467	89.2940	-875.2	MCU	4.38	4.03	0.83	0.919	4.827	5.254	1475.	39.	10.	756.6	29.9	1
994	0	404	37.5467	89.2933	-879.5	MCU	6.09	2.55	0.98	0.419	2.618	6.242	1423.	42.	15.	757.6	29.9	1
995	0	412	37.5467	89.2926	-882.7	MCU	6.78	2.45	1.16	0.361	2.108	5.843	1400.	41.	14.	757.6	29.9	1
996	0	412	37.5467	89.2920	-882.7	MCU	8.21	1.68	1.05	0.204	1.595	7.815	1486.	30.	16.	757.6	29.9	1
997	0	412	37.5467	89.2912	-884.0	MCU	5.61	1.61	0.92	0.287	1.748	6.099	1356.	43.	15.	757.6	29.9	1
998	10	412	37.5467	89.2905	-890.0	MCU	3.95	1.26	1.41	0.0	0.0	2.812	1488.	34.	15.	757.6	29.9	1
999	0	404	37.5467	89.2898	-892.2	MCU	6.61	2.83	0.85	0.427	3.321	7.769	1440.	52.	12.	757.6	29.9	1
1000	0	408	37.5467	89.2891	-894.0	MCU	4.39	1.89	1.08	0.431	1.748	4.053	1512.	45.	15.	758.1	29.9	1
1001	0	412	37.5466	89.2885	-897.0	MCU	5.36	2.10	1.07	0.392	1.971	5.024	1467.	41.	14.	757.6	29.9	1
1002	0	404	37.5466	89.2877	-899.2	MCU	5.76	2.51	0.90	0.437	2.807	6.429	1412.	38.	14.	758.1	30.0	1
1003	0	420	37.5466	89.2871	-902.0	MCU	6.88	1.58	0.71	0.230	2.220	9.664	1372.	45.	11.	758.1	29.9	1
1004	0	428	37.5466	89.2864	-905.0	MCU	5.35	2.77	0.85	0.517	3.266	6.318	1357.	40.	12.	757.1	30.0	1
1005	10	408	37.5466	89.2857	-907.0	MCU	6.13	0.50	0.96	0.0	0.0	6.417	1341.	35.	12.	757.1	30.1	1
1006	0	400	37.5466	89.2850	-908.2	MCU	5.35	2.29	1.15	0.429	1.994	4.645	1315.	36.	9.	757.6	30.2	1
1007	0	396	37.5466	89.2843	-911.7	MCU	4.92	1.96	1.12	0.399	1.758	4.404	1419.	44.	9.	757.1	30.1	1

* TAGS *			LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1008	0	392	37.5466	89.2837	-913.5	MCU	6.31	1.65	0.98	0.262	1.685	6.428	1391.	30.	7.	757.1	30.2	1
1009	0	400	37.5466	89.2829	-915.7	MCU	7.24	3.33	0.81	0.460	4.095	8.909	1397.	46.	5.	757.1	30.2	1
1010	0	396	37.5465	89.2823	-918.7	MCU	5.30	1.63	0.95	0.308	1.714	5.569	1294.	40.	8.	757.1	30.2	1
1011	0	404	37.5465	89.2816	-921.0	MCU	6.02	2.59	0.92	0.430	2.818	6.549	1406.	41.	6.	757.1	30.1	1
1012	0	412	37.5465	89.2808	-922.5	MCU	4.61	4.41	0.86	0.958	5.118	5.341	1440.	44.	4.	756.6	30.1	1
1013	0	404	37.5465	89.2802	-925.2	MCU	6.34	2.06	1.00	0.325	2.064	6.343	1347.	28.	2.	756.6	29.9	1
1014	0	388	37.5465	89.2794	-928.2	MCU	6.90	1.48	0.93	0.214	1.593	7.451	1324.	47.	9.	757.1	29.9	1
1015	10	372	37.5465	89.2789	-929.7	MCU	6.41	1.32	0.82	0.0	0.0	7.790	1278.	36.	10.	757.1	29.9	1
1016	0	368	37.5465	89.2781	-932.5	MCU	5.64	1.54	0.82	0.273	1.887	6.915	1248.	36.	10.	756.6	29.9	1
1017	10	356	37.5465	89.2774	-934.5	MCU	3.70	0.58	0.98	0.0	0.0	3.789	1178.	45.	15.	756.6	29.9	1
1018	0	360	37.5465	89.2767	-935.2	MCU	5.71	1.85	0.61	0.325	3.062	9.425	1183.	33.	13.	756.6	29.9	1
1019	0	380	37.5464	89.2760	-938.7	MCU	6.35	1.54	0.59	0.242	2.584	10.691	1214.	37.	16.	756.6	29.9	1
1020	0	392	37.5464	89.2754	-938.2	MCU	5.09	2.07	0.63	0.408	3.285	8.059	1159.	43.	17.	757.6	29.9	1
1021	10	380	37.5464	89.2746	-933.7	MCU	3.82	0.44	0.81	0.0	0.0	4.732	1095.	31.	18.	757.1	29.9	1
1022	0	364	37.5464	89.2740	-935.0	MCU	4.61	2.26	0.83	0.490	2.723	5.557	1174.	34.	12.	754.5	29.8	1
1023	0	364	37.5464	89.2733	-940.5	MCU	5.58	1.62	0.84	0.291	1.934	6.651	1249.	26.	8.	755.5	29.8	1
1024	0	360	37.5464	89.2726	-944.7	MCU	5.75	1.70	1.04	0.295	1.640	5.556	1341.	35.	8.	757.1	29.8	1
1025	0	376	37.5464	89.2719	-948.7	MCU	5.92	3.68	1.00	0.621	3.666	5.900	1397.	47.	7.	756.1	29.8	1
1026	0	380	37.5464	89.2712	-951.5	MCU	6.32	3.15	0.99	0.498	3.180	6.391	1423.	43.	2.	757.1	29.7	1
1027	10	404	37.5463	89.2705	-951.2	MCU	6.88	1.13	1.18	0.0	0.0	5.848	1479.	39.	6.	757.6	29.8	1
1028	0	396	37.5463	89.2698	-952.7	MCU	3.94	1.99	1.12	0.506	1.786	3.531	1493.	43.	9.	755.5	29.8	1
1029	10	400	37.5463	89.2692	-957.0	MCU	8.31	1.38	1.19	0.0	0.0	6.999	1554.	33.	9.	756.6	29.8	1
1030	0	420	37.5463	89.2684	-957.5	MCU	6.46	2.49	1.15	0.386	2.172	5.629	1498.	43.	7.	757.6	29.9	1
1031	0	412	37.5464	89.2677	-959.0	MCU	5.69	2.44	1.02	0.429	2.383	5.549	1430.	59.	11.	755.5	29.9	1
1032	0	428	37.5463	89.2670	-960.7	MCU	3.76	2.35	0.97	0.626	2.434	3.886	1438.	31.	14.	756.6	29.9	1
1033	0	436	37.5463	89.2663	-961.7	MCU	7.34	2.54	1.01	0.345	2.516	7.286	1458.	34.	13.	757.6	29.9	1
1034	0	488	37.5463	89.2657	-962.7	MCU	4.99	3.17	1.23	0.636	2.589	4.070	1642.	37.	14.	756.6	29.9	1
1035	0	500	37.5463	89.2650	-965.0	MCU	5.87	3.70	1.27	0.630	2.906	4.613	1744.	25.	9.	756.6	29.9	1
1036	0	492	37.5462	89.2643	-967.0	MCU	5.24	3.46	1.29	0.660	2.688	4.071	1673.	37.	9.	758.7	29.9	1
1037	10	456	37.5462	89.2636	-968.2	MCU	9.06	0.68	1.43	0.0	0.0	6.353	1674.	41.	13.	757.6	29.9	1
1038	10	424	37.5462	89.2629	-970.2	MCU	9.14	1.09	1.42	0.0	0.0	6.453	1635.	41.	10.	756.1	29.9	1
1039	0	408	37.5462	89.2622	-972.5	MCU	6.63	2.93	1.32	0.441	2.222	5.036	1615.	52.	11.	757.1	29.9	1
1040	0	380	37.5462	89.2615	-972.2	MCU	7.90	1.71	1.13	0.216	1.520	7.020	1609.	47.	9.	758.1	29.9	1
1041	0	380	37.5462	89.2609	-974.7	MCU	8.47	1.76	1.12	0.208	1.567	7.532	1677.	40.	7.	757.1	29.9	1
1042	0	380	37.5462	89.2602	-976.5	MCU	7.84	2.81	1.20	0.358	2.333	6.523	1820.	32.	11.	755.5	29.9	1
1043	0	384	37.5462	89.2595	-978.0	MCU	6.94	3.02	1.32	0.435	2.284	5.245	1821.	45.	8.	757.6	29.9	1
1044	0	388	37.5462	89.2588	-979.5	MCU	7.00	3.85	1.17	0.550	3.303	6.008	1835.	37.	6.	758.7	29.9	1
1045	0	388	37.5461	89.2580	-980.5	MCU	6.63	3.13	1.23	0.472	2.544	5.394	1714.	48.	8.	755.5	29.9	1
1046	0	380	37.5461	89.2574	-980.7	MCU	8.40	3.80	1.36	0.452	2.800	6.194	1818.	28.	4.	756.6	29.9	1
1047	0	384	37.5461	89.2567	-982.5	MCU	8.14	2.99	1.51	0.367	1.983	5.404	1770.	38.	3.	758.1	29.9	1
1048	10	376	37.5462	89.2560	-984.2	MCU	10.30	1.40	1.62	0.0	0.0	6.371	1792.	38.	2.	756.1	29.9	1
1049	0	372	37.5461	89.2553	-984.5	MCU	6.75	4.51	1.31	0.668	3.431	5.135	1787.	47.	0.	756.1	29.9	1
1050	0	372	37.5461	89.2546	-985.7	MCU	6.38	3.16	1.26	0.495	2.499	5.048	1688.	34.	7.	758.1	30.0	1
1051	0	372	37.5461	89.2539	-986.7	MCU	7.16	3.37	1.45	0.471	2.319	4.921	1787.	49.	5.	758.1	30.0	1
1052	0	380	37.5461	89.2532	-987.7	MCU	7.10	2.71	1.46	0.381	1.850	4.854	1700.	36.	9.	757.6	30.0	1
1053	0	396	37.5461	89.2525	-988.7	MCU	5.72	2.92	0.94	0.510	3.099	6.076	1508.	48.	11.	756.6	30.0	1
1054	0	396	37.5461	89.2518	-989.7	MCU	6.09	1.47	1.24	0.241	1.179	4.895	1447.	34.	12.	756.6	30.0	1
1055	10	444	37.5461	89.2512	-991.2	MCU	6.69	0.02	1.01	0.0	0.0	6.645	1445.	39.	16.	758.1	29.9	1
1056	0	500	37.5461	89.2505	-992.2	MCU	7.49	2.55	1.07	0.341	2.382	6.985	1574.	54.	18.	756.6	29.9	1
1057	10	488	37.5461	89.2498	-993.5	MCU	5.34	1.74	1.17	0.0	0.0	4.580	1586.	44.	17.	755.5	30.0	1
1058	10	488	37.5460	89.2491	-994.2	MCU	9.76	1.34	0.93	0.0	0.0	10.449	1631.	47.	16.	756.6	30.0	1
1059	10	508	37.5460	89.2484	-995.2	MCU	7.84	0.75	1.21	0.0	0.0	6.465	1724.	31.	17.	757.6	30.0	1
1060	10	528	37.5460	89.2477	-997.0	MCU	7.21	1.17	1.27	0.0	0.0	5.658	1622.	37.	18.	756.6	30.1	1

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TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1061	0	528	37.5460	89.2471	-995.5	MCU	5.92	2.24	1.09	0.379	2.059	5.435	1681.	45.	14.	756.1	30.0	1
1062	10	528	37.5459	89.2464	-996.2	MCU	6.68	1.04	1.07	0.0	0.0	6.270	1573.	47.	13.	757.1	30.1	1
1063	10	512	37.5459	89.2456	-998.0	MCU	5.32	1.73	0.92	0.0	0.0	5.793	1606.	43.	14.	758.1	30.0	1
1064	10	508	37.5459	89.2450	-998.0	MCU	6.88	0.84	1.22	0.0	0.0	5.661	1649.	43.	14.	757.1	30.1	1
1065	0	492	37.5459	89.2443	-999.0	MCU	7.61	2.13	1.37	0.280	1.559	5.569	1706.	45.	10.	756.1	30.1	1
1066	10	460	37.5459	89.2435	-999.0	MCU	10.29	1.76	1.38	0.0	0.0	7.472	1698.	41.	10.	757.1	30.1	1
1067	0	456	37.5459	89.2429	-998.5	MCU	7.66	4.78	1.00	0.624	4.788	7.673	1738.	42.	8.	758.7	30.0	1
1068	0	464	37.5459	89.2422	-1002.5	MCU	7.85	2.42	1.37	0.308	1.759	5.714	1699.	39.	10.	758.7	30.1	1
1069	0	472	37.5459	89.2415	-1003.2	MCU	6.71	2.15	1.33	0.321	1.623	5.055	1801.	45.	11.	757.6	30.0	1
1070	0	460	37.5459	89.2408	-1003.2	MCU	8.54	2.14	1.13	0.251	1.889	7.532	1747.	45.	11.	756.6	30.1	1
1071	0	460	37.5458	89.2402	-1005.5	MCU	7.51	2.00	1.77	0.266	1.128	4.243	1832.	46.	12.	757.6	30.0	1
1072	0	452	37.5459	89.2394	-1006.0	MCU	6.74	4.46	1.17	0.661	3.820	5.781	1754.	40.	10.	758.7	30.0	1
1073	10	432	37.5459	89.2387	-1007.0	MCU	6.23	1.17	1.33	0.0	0.0	4.682	1665.	42.	12.	758.1	30.0	1
1074	0	420	37.5459	89.2381	-1008.2	MCU	5.37	2.69	1.12	0.500	2.407	4.813	1709.	43.	14.	757.1	30.0	1
1075	0	416	37.5459	89.2374	-1008.5	MCU	6.87	2.23	1.01	0.325	2.203	6.781	1666.	34.	12.	757.1	30.0	1
1076	0	424	37.5458	89.2367	-1010.0	MCU	6.55	2.72	1.27	0.414	2.139	5.162	1601.	29.	14.	758.1	30.1	1
1077	10	436	37.5458	89.2360	-1011.5	MCU	6.55	0.11	1.29	0.0	0.0	5.073	1561.	45.	17.	756.1	30.0	1
1078	0	432	37.5458	89.2352	-1009.5	MCU	8.67	3.30	1.05	0.381	3.151	8.268	1676.	39.	11.	755.5	30.1	1
1079	0	440	37.5458	89.2346	-1010.0	MCU	7.90	2.63	1.25	0.333	2.113	6.343	1731.	34.	15.	757.6	30.1	1
1080	10	448	37.5457	89.2339	-1012.0	MCU	8.08	1.05	1.44	0.0	0.0	5.608	1804.	44.	18.	756.6	30.1	1
1081	0	460	37.5457	89.2332	-1013.0	MCU	6.71	2.34	1.27	0.349	1.839	5.272	1794.	41.	18.	754.5	30.1	1
1082	0	476	37.5457	89.2325	-1015.0	MCU	6.46	2.64	1.18	0.409	2.246	5.490	1749.	40.	19.	755.5	30.1	1
1083	10	500	37.5457	89.2319	-1015.2	MCU	9.62	0.71	1.47	0.0	0.0	6.533	1793.	47.	11.	757.6	30.0	1
1084	10	484	37.5457	89.2312	-1015.0	MCU	8.19	1.69	1.65	0.0	0.0	4.951	1849.	41.	19.	757.6	30.0	1
1085	0	468	37.5457	89.2304	-1017.0	MCU	7.16	3.01	1.20	0.420	2.516	5.987	1738.	37.	17.	756.6	29.9	1
1086	0	456	37.5457	89.2298	-1018.0	MCU	9.57	2.72	1.34	0.284	2.023	7.123	1902.	31.	14.	755.5	29.9	1
1087	0	452	37.5457	89.2290	-1018.7	MCU	5.61	4.09	1.27	0.728	3.229	4.434	1820.	42.	8.	755.0	29.9	1
1088	0	452	37.5457	89.2284	-1019.7	MCU	5.52	2.14	1.32	0.388	1.615	4.165	1800.	59.	13.	756.1	29.9	1
1089	0	460	37.5456	89.2277	-1019.7	MCU	7.91	3.76	1.22	0.475	3.088	6.501	1802.	37.	12.	757.1	29.9	1
1090	0	464	37.5456	89.2271	-1019.5	MCU	7.25	4.27	1.39	0.589	3.074	5.223	1816.	40.	7.	757.1	29.9	1
1091	0	460	37.5456	89.2263	-1020.7	MCU	8.46	3.32	1.28	0.392	2.599	6.625	1741.	47.	11.	756.1	29.9	1
1092	0	464	37.5457	89.2256	-1021.5	MCU	6.22	5.34	1.01	0.858	5.299	6.175	1727.	48.	4.	755.0	29.9	1
1093	0	464	37.5456	89.2250	-1023.5	MCU	5.44	2.75	1.41	0.505	1.946	3.856	1713.	32.	5.	755.0	29.8	1
1094	0	468	37.5456	89.2242	-1022.7	MCU	9.08	1.76	1.33	0.194	1.328	6.833	1636.	40.	8.	756.6	29.8	1
1095	0	468	37.5456	89.2236	-1021.2	MCU	6.14	2.44	1.30	0.397	1.876	4.727	1590.	33.	6.	757.6	29.7	1
1096	0	452	37.5456	89.2228	-1023.5	MCU	8.17	3.53	1.12	0.432	3.146	7.278	1640.	37.	5.	757.6	29.7	1
1097	0	428	37.5455	89.2222	-1024.7	MCU	5.43	3.98	1.19	0.732	3.337	4.558	1562.	46.	4.	758.7	29.7	1
1098	10	428	37.5455	89.2215	-1024.2	MCU	5.31	0.60	1.24	0.0	0.0	4.273	1390.	43.	10.	757.6	29.7	1
1099	10	460	37.5455	89.2208	-1025.5	MCU	7.18	1.37	0.95	0.0	0.0	7.528	1419.	47.	8.	756.1	29.7	1
1100	10	448	37.5455	89.2201	-1026.7	MCU	5.37	0.38	0.93	0.0	0.0	5.805	1246.	53.	15.	756.1	29.8	1
1101	10	488	37.5455	89.2194	-1026.7	MCU	5.84	1.25	1.13	0.0	0.0	5.168	1368.	33.	17.	757.1	29.7	1
1102	0	504	37.5455	89.2187	-1027.7	MCU	6.67	2.66	0.95	0.399	2.800	7.022	1460.	35.	16.	758.1	29.7	1
1103	10	464	37.5455	89.2180	-1028.5	MCU	6.88	-0.25	1.05	0.0	0.0	6.569	1405.	45.	19.	759.2	29.8	1
1104	10	452	37.5455	89.2174	-1029.0	MCU	6.51	1.07	1.11	0.0	0.0	5.843	1511.	27.	13.	758.7	29.7	1
1105	0	440	37.5455	89.2167	-1029.5	MCU	7.39	3.77	1.10	0.511	3.441	6.737	1557.	31.	12.	757.6	29.7	1
1106	0	424	37.5454	89.2160	-1030.7	MCU	7.11	2.96	1.02	0.417	2.898	6.957	1483.	39.	8.	756.6	29.8	1
1107	10	440	37.5454	89.2153	-1031.5	MCU	8.00	1.23	1.24	0.0	0.0	6.453	1548.	41.	6.	754.5	29.8	1
1108	10	448	37.5454	89.2146	-1032.5	MCU	7.15	1.38	1.32	0.0	0.0	5.437	1528.	37.	6.	754.5	29.9	1
1109	10	424	37.5454	89.2139	-1032.0	MCU	7.15	1.05	1.37	0.0	0.0	5.213	1509.	39.	5.	756.6	29.9	1
1110	0	404	37.5454	89.2132	-1032.0	MCU	5.95	1.54	1.26	0.258	1.220	4.723	1448.	50.	2.	756.6	29.8	1
1111	0	416	37.5454	89.2126	-1032.2	MCU	4.58	4.96	0.90	1.085	5.507	5.076	1443.	54.	1.	755.5	29.7	1
1112	0	428	37.5454	89.2119	-1032.7	MCU	8.00	3.67	1.08	0.458	3.393	7.409	1470.	42.	0.	756.6	29.7	1
1113	0	436	37.5454	89.2111	-1034.7	MCU	5.05	2.07	0.95	0.410	2.187	5.327	1403.	42.	4.	756.6	29.7	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1114	0	420	37.5454	89.2105	-1034.5	MCU	5.90	3.73	0.83	0.632	4.498	7.120	1458.	33.	4.	756.6	29.7	1
1115	0	400	37.5453	89.2097	-1033.5	PPCV	7.21	3.55	0.71	0.493	5.005	10.161	1412.	42.	1.	756.6	29.6	1
1116	10	388	37.5453	89.2091	-1035.0	PPCV	3.74	1.12	0.83	0.0	0.0	4.533	1350.	34.	9.	756.6	29.6	1
1117	0	388	37.5453	89.2084	-1036.2	PPCV	5.42	1.57	1.16	0.290	1.357	4.677	1408.	38.	8.	756.6	29.6	1
1118	10	376	37.5453	89.2077	-1035.2	PPCV	5.06	1.12	0.98	0.0	0.0	5.177	1387.	50.	12.	755.5	29.6	1
1119	0	364	37.5453	89.2070	-1035.0	PPCV	6.78	2.42	1.01	0.357	2.404	6.733	1456.	29.	7.	754.5	29.6	1
1120	0	344	37.5453	89.2063	-1036.0	PPCV	5.31	1.30	1.08	0.245	1.205	4.915	1460.	53.	9.	755.0	29.6	1
1121	0	324	37.5453	89.2056	-1035.2	PPCV	4.68	3.54	1.10	0.757	3.226	4.259	1572.	60.	8.	755.0	29.6	1
1122	0	300	37.5453	89.2049	-1035.5	PPCV	4.78	1.56	1.51	0.326	1.031	3.163	1587.	48.	10.	754.5	29.6	1
1123	0	308	37.5453	89.2043	-1037.0	PPCV	8.31	2.31	1.30	0.277	1.775	6.401	1728.	41.	8.	754.5	29.6	1
1124	0	304	37.5452	89.2036	-1036.5	PPCV	8.06	2.59	1.33	0.321	1.944	6.057	1684.	56.	9.	754.5	29.6	1
1125	0	320	37.5452	89.2029	-1036.7	PPCV	5.97	2.65	1.15	0.444	2.306	5.192	1512.	44.	9.	754.5	29.6	1
1126	0	340	37.5452	89.2022	-1038.7	PPCV	6.34	2.37	0.70	0.373	3.369	9.022	1368.	49.	10.	754.5	29.6	1
1127	0	372	37.5452	89.2015	-1038.7	PPCV	5.57	2.12	0.75	0.380	2.817	7.403	1323.	39.	12.	755.5	29.7	1
1128	10	404	37.5452	89.2008	-1039.5	PPCV	7.37	1.21	0.78	0.0	0.0	9.424	1225.	39.	12.	756.6	29.7	1
1129	10	432	37.5452	89.2001	-1041.5	PPCV	4.81	1.31	0.57	0.0	0.0	8.411	1196.	41.	14.	757.1	29.7	1
1130	10	448	37.5452	89.1995	-1040.2	PPCV	6.69	0.60	0.66	0.0	0.0	10.116	1264.	45.	15.	756.1	29.8	1
1131	0	476	37.5452	89.1987	-1040.7	PPCV	3.75	2.29	1.08	0.612	2.126	3.474	1327.	45.	15.	756.1	29.8	1
1132	0	480	37.5451	89.1980	-1041.2	PPCV	5.47	3.35	0.97	0.612	3.464	5.663	1484.	53.	10.	757.1	29.9	1
1133	10	476	37.5451	89.1973	-1040.5	MCU	8.41	0.87	1.20	0.0	0.0	6.994	1703.	41.	15.	757.6	29.8	1
1134	0	456	37.5451	89.1966	-1043.0	MCU	7.27	2.81	1.27	0.387	2.217	5.734	1665.	52.	9.	757.6	29.9	1
1135	10	440	37.5451	89.1959	-1042.5	MCU	9.05	1.32	1.59	0.0	0.0	5.684	1732.	52.	11.	758.7	29.9	1
1136	0	436	37.5451	89.1952	-1041.7	MCU	7.33	3.03	1.21	0.413	2.498	6.043	1680.	51.	10.	758.7	29.9	1
1137	10	424	37.5451	89.1946	-1043.5	MCU	9.33	0.72	1.26	0.0	0.0	7.378	1783.	34.	14.	758.7	29.9	1
1138	0	412	37.5451	89.1939	-1043.5	MCU	8.13	3.45	1.11	0.425	3.113	7.325	1774.	45.	9.	758.7	30.0	1
1139	0	404	37.5451	89.1932	-1043.0	MCU	8.60	2.90	1.55	0.338	1.868	5.531	1814.	37.	8.	758.7	30.0	1
1140	0	384	37.5451	89.1925	-1043.2	MCU	8.09	3.57	1.31	0.442	2.727	6.176	1830.	35.	8.	758.7	30.0	1
1141	0	368	37.5450	89.1918	-1043.0	MCU	6.75	3.02	1.43	0.447	2.119	4.736	1755.	45.	8.	758.7	30.0	1
1142	0	356	37.5450	89.1911	-1042.7	MCU	8.85	3.76	1.24	0.425	3.036	7.147	1703.	40.	5.	758.7	30.1	1
1143	0	360	37.5450	89.1904	-1043.0	MCU	7.14	2.20	1.30	0.308	1.688	5.487	1581.	45.	8.	758.7	30.1	1
1144	0	364	37.5450	89.1898	-1043.7	MCU	5.00	1.94	0.89	0.388	2.185	5.631	1283.	46.	9.	758.7	30.1	1
1145	0	380	37.5450	89.1891	-1044.5	MCU	5.27	1.65	0.96	0.314	1.727	5.508	1257.	35.	9.	758.7	30.0	1
1146	0	392	37.5450	89.1883	-1044.5	MCU	4.75	3.15	0.97	0.663	3.247	4.896	1319.	39.	9.	758.7	30.1	1
1147	10	432	37.5450	89.1877	-1044.7	MCU	6.03	0.06	1.17	0.0	0.0	5.150	1295.	42.	12.	757.6	30.0	1
1148	0	416	37.5450	89.1869	-1046.5	MCU	3.99	2.46	1.11	0.616	2.208	3.586	1402.	43.	13.	757.6	30.0	1
1149	0	428	37.5450	89.1863	-1044.2	MCU	7.30	3.51	1.15	0.481	3.066	6.374	1699.	30.	9.	756.6	30.0	1
1150	0	420	37.5449	89.1856	-1045.0	MCU	6.25	2.11	1.32	0.338	1.598	4.736	1628.	39.	12.	756.6	30.0	1
1151	10	404	37.5449	89.1849	-1046.2	MCU	7.51	0.95	1.37	0.0	0.0	5.500	1658.	37.	11.	756.6	30.0	1
1152	0	400	37.5449	89.1842	-1045.5	MCU	11.04	2.54	1.24	0.230	2.056	8.932	1805.	45.	8.	756.6	30.0	1
1153	0	392	37.5449	89.1835	-1044.7	MCU	10.74	2.04	1.32	0.190	1.552	8.169	1809.	31.	11.	755.5	30.0	1
1154	0	388	37.5449	89.1828	-1044.5	MCU	9.35	2.39	1.42	0.256	1.685	6.580	1757.	42.	9.	756.6	30.0	1
1155	0	396	37.5449	89.1821	-1044.5	MCU	6.56	3.26	1.32	0.497	2.464	4.961	1695.	45.	7.	757.6	30.0	1
1156	0	420	37.5449	89.1815	-1044.7	MCU	8.16	3.27	1.15	0.401	2.847	7.109	1675.	46.	4.	758.7	30.0	1
1157	0	444	37.5449	89.1808	-1045.0	MCU	7.96	2.24	1.29	0.282	1.733	6.155	1594.	50.	10.	758.7	30.0	1
1158	0	460	37.5449	89.1801	-1044.2	MCU	5.77	1.64	1.17	0.284	1.395	4.920	1645.	32.	10.	758.7	30.0	1
1159	10	440	37.5449	89.1793	-1046.0	MCU	6.52	1.08	1.08	0.0	0.0	6.033	1597.	42.	13.	758.7	30.0	1
1160	0	420	37.5449	89.1786	-1044.5	MCU	6.48	2.62	0.88	0.404	2.989	7.389	1531.	46.	13.	758.7	30.0	1
1161	0	424	37.5449	89.1778	-1045.7	MCU	6.93	3.14	0.88	0.453	3.569	7.874	1514.	35.	12.	758.7	29.9	1
1162	0	408	37.5449	89.1771	-1045.5	MCU	6.96	3.60	0.87	0.517	4.140	8.013	1514.	42.	10.	758.7	30.0	1
1163	0	400	37.5449	89.1763	-1046.0	MCU	6.35	2.73	0.95	0.430	2.863	6.660	1471.	48.	13.	757.6	30.0	1
1164	0	416	37.5449	89.1756	-1046.0	MCU	7.07	2.13	1.08	0.301	1.963	6.521	1555.	33.	8.	757.1	29.9	1
1165	10	440	37.5449	89.1749	-1045.0	MCU	7.99	1.13	1.20	0.0	0.0	6.676	1537.	37.	8.	757.1	30.0	1
1166	0	480	37.5449	89.1740	-1045.2	MCU	9.10	1.85	1.30	0.203	1.419	6.995	1853.	31.	11.	756.1	30.0	1

CP 9 IP 12

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1167	0	484	37.5449	89.1733	-1044.7		MCU	7.53	2.96	1.45	0.393	2.047	5.213	1797.	41.	9.	756.1	29.9	1
1168	0	488	37.5449	89.1725	-1043.2		MCU	7.19	2.72	1.24	0.379	2.197	5.797	1767.	25.	7.	756.6	30.0	1
1169	0	516	37.5449	89.1718	-1044.2		MCU	8.99	1.98	1.32	0.220	1.499	6.819	1779.	40.	7.	757.6	30.0	1
1170	0	532	37.5449	89.1711	-1044.0		MCU	7.28	3.61	1.47	0.496	2.447	4.935	1768.	42.	7.	758.7	30.1	1
1171	10	532	37.5449	89.1703	-1042.5		MCU	10.50	1.81	0.91	0.0	0.0	11.553	1659.	31.	10.	758.1	30.0	1
1172	0	536	37.5449	89.1696	-1043.5		MCU	4.10	3.04	1.55	0.741	1.964	2.651	1693.	69.	9.	758.1	30.0	1
1173	0	512	37.5449	89.1688	-1043.5		MCU	8.21	2.58	1.08	0.314	2.381	7.580	1580.	33.	9.	758.1	29.9	1
1174	0	524	37.5449	89.1681	-1042.5		MCU	5.47	4.21	1.50	0.770	2.801	3.638	1726.	30.	8.	757.1	30.0	1
1175	10	524	37.5449	89.1673	-1042.5		MCU	9.15	1.04	1.15	0.0	0.0	7.941	1697.	42.	8.	757.1	29.9	1
1176	0	524	37.5449	89.1665	-1042.7		MCU	8.80	2.67	1.23	0.303	2.170	7.159	1808.	28.	9.	757.1	29.9	1
1177	0	520	37.5449	89.1658	-1041.2		MCU	7.99	4.01	1.13	0.502	3.539	7.051	1672.	48.	5.	756.1	29.9	1
1178	0	504	37.5449	89.1650	-1042.2		MCU	5.23	4.30	1.10	0.822	3.923	4.774	1619.	39.	8.	757.1	30.0	1
1179	0	516	37.5449	89.1643	-1041.7		MCU	6.58	3.39	1.03	0.514	3.299	6.414	1674.	41.	8.	757.6	30.0	1
1180	10	528	37.5449	89.1636	-1039.5		MCU	8.02	-0.05	1.22	0.0	0.0	6.577	1579.	55.	10.	756.6	30.0	1
1181	0	528	37.5449	89.1628	-1039.5		MCU	5.96	6.47	0.93	1.086	6.932	6.385	1717.	28.	4.	757.6	29.9	1
1182	0	508	37.5449	89.1621	-1040.2		MCU	6.53	3.13	1.28	0.479	2.441	5.092	1560.	47.	7.	758.7	29.9	1
1183	0	508	37.5449	89.1613	-1040.0		MCU	5.77	3.21	1.30	0.557	2.469	4.429	1592.	36.	7.	758.7	29.9	1
1184	0	520	37.5449	89.1606	-1039.5		MCU	8.16	2.80	1.08	0.343	2.596	7.562	1574.	43.	10.	758.7	29.9	1
1185	0	528	37.5449	89.1598	-1038.2		MCU	8.41	2.16	1.25	0.257	1.732	6.750	1574.	26.	9.	757.6	29.9	1
1186	0	512	37.5449	89.1591	-1038.0		MCU	6.54	2.78	1.18	0.426	2.366	5.558	1517.	42.	8.	756.6	29.9	1
1187	10	536	37.5449	89.1583	-1038.0		MCU	6.96	1.62	1.09	0.0	0.0	6.409	1508.	37.	12.	756.6	29.9	1
1188	0	580	37.5449	89.1575	-1036.7		MCU	7.24	2.64	1.22	0.364	2.155	5.920	1629.	37.	14.	757.6	30.0	1
1189	10	576	37.5449	89.1568	-1034.7		MCU	6.66	0.22	1.02	0.0	0.0	6.531	1355.	50.	11.	757.6	29.9	1
1190	10	556	37.5449	89.1561	-1036.0		MCU	6.75	0.17	1.13	0.0	0.0	5.979	1440.	45.	15.	758.1	29.9	1
1191	10	556	37.5449	89.1553	-1036.5		MCU	4.94	1.72	0.93	0.0	0.0	5.328	1482.	32.	16.	759.2	29.9	1
1192	10	512	37.5449	89.1546	-1034.5		MCU	6.12	0.96	1.07	0.0	0.0	5.702	1447.	34.	13.	758.1	29.9	1
1193	10	480	37.5449	89.1538	-1034.7		MCU	5.13	1.20	0.88	0.0	0.0	5.862	1375.	46.	17.	756.6	29.9	1
1194	0	484	37.5449	89.1530	-1033.7		MCU	5.80	2.76	0.85	0.475	3.232	6.799	1466.	43.	15.	756.6	30.0	1
1195	10	492	37.5449	89.1524	-1032.2		MCU	7.31	0.78	1.17	0.0	0.0	6.239	1480.	52.	16.	757.6	30.0	1
1196	10	500	37.5449	89.1515	-1032.2		MCU	8.32	0.78	1.59	0.0	0.0	5.234	1551.	45.	12.	758.7	30.0	1
1197	0	512	37.5449	89.1508	-1032.5		MCU	9.63	2.22	1.43	0.231	1.558	6.749	1701.	38.	9.	758.7	29.9	1
1198	0	520	37.5449	89.1501	-1030.7		MCU	7.38	2.74	1.11	0.371	2.463	6.640	1688.	33.	9.	758.7	29.9	1
1199	0	508	37.5449	89.1494	-1029.0		MCU	7.91	2.19	1.68	0.277	1.303	4.695	1761.	37.	6.	757.6	29.9	1
1200	0	508	37.5449	89.1486	-1028.5		MCU	7.08	2.81	1.28	0.397	2.201	5.547	1740.	47.	7.	757.6	29.9	1
1201	0	508	37.5449	89.1478	-1028.2		MCU	7.90	2.31	1.57	0.293	1.476	5.040	1850.	45.	5.	757.6	29.8	1
1202	0	504	37.5449	89.1471	-1026.7		MCU	6.80	3.78	1.67	0.556	2.266	4.076	1849.	32.	8.	758.7	29.9	1
1203	0	504	37.5449	89.1463	-1027.0		MCU	7.19	3.59	1.13	0.499	3.179	6.376	1825.	44.	10.	758.7	29.9	1
1204	10	516	37.5449	89.1456	-1026.0		MCU	9.60	1.68	1.29	0.0	0.0	7.445	1810.	41.	14.	757.6	30.0	1
1205	10	532	37.5449	89.1449	-1024.2		MCU	9.47	1.74	1.49	0.0	0.0	6.367	1785.	56.	13.	756.6	30.0	1
1206	10	540	37.5449	89.1440	-1022.2		MCU	9.63	2.09	1.13	0.0	0.0	8.512	1786.	46.	16.	756.6	30.1	1
1207	10	532	37.5449	89.1433	-1023.0		MCU	6.94	0.61	1.46	0.0	0.0	4.758	1719.	37.	19.	757.6	30.0	1
1208	10	548	37.5449	89.1426	-1022.2		MCU	6.44	1.67	1.00	0.0	0.0	6.468	1726.	42.	16.	758.7	30.0	1
1209	10	544	37.5449	89.1418	-1021.0		MCU	9.07	1.30	1.31	0.0	0.0	6.927	1709.	39.	18.	758.7	30.0	1
1210	10	556	37.5449	89.1411	-1018.7		MCU	5.19	1.57	1.53	0.0	0.0	3.383	1745.	42.	20.	757.6	30.0	1
1211	0	552	37.5449	89.1403	-1018.2		MCU	6.35	3.60	1.31	0.567	2.743	4.840	1687.	41.	19.	756.6	30.0	1
1212	10	548	37.5449	89.1396	-1017.7		MCU	8.89	1.34	1.22	0.0	0.0	7.305	1704.	31.	18.	756.6	30.0	1
1213	0	540	37.5450	89.1388	-1015.0		MCU	8.84	2.40	1.15	0.271	2.079	7.665	1740.	33.	17.	757.1	30.0	1
1214	0	532	37.5450	89.1381	-1014.2		MCU	6.22	2.38	1.25	0.382	1.900	4.978	1671.	48.	16.	758.1	30.1	1
1215	0	516	37.5450	89.1374	-1014.0		MCU	7.40	4.82	0.95	0.652	5.090	7.810	1784.	37.	14.	758.1	30.0	1
1216	10	508	37.5450	89.1366	-1011.7		MCU	5.80	1.61	1.02	0.0	0.0	5.712	1710.	48.	21.	757.1	30.1	1
1217	0	508	37.5450	89.1358	-1010.7		MCU	5.83	4.20	0.71	0.721	5.894	8.178	1614.	33.	17.	755.5	30.0	1
1218	0	504	37.5450	89.1350	-1010.0		MCU	7.40	4.13	1.02	0.558	4.056	7.265	1780.	38.	17.	756.6	30.0	1
1219	0	500	37.5450	89.1343	-1006.7		MCU	7.41	2.86	1.47	0.386	1.938	5.024	1632.	34.	11.	758.7	30.0	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1220	10	480	37.5450	89.1336	-1005.2	MCU	9.72	1.36	1.42	0.0	0.0	6.835	1687.	50.	7.	758.7	30.1	1
1221	0	460	37.5450	89.1328	-1006.2	MCU	7.64	2.50	1.07	0.327	2.346	7.165	1622.	32.	8.	757.6	30.1	1
1222	0	420	37.5450	89.1321	-1004.7	MCU	5.83	3.67	0.96	0.631	3.843	6.093	1499.	41.	4.	756.6	30.1	1
1223	10	340	37.5450	89.1313	-1002.2	MCU	5.76	1.25	0.98	0.0	0.0	5.885	1312.	46.	8.	756.6	30.1	1
1224	0	316	37.5450	89.1306	-1003.2	MCU	5.85	1.86	0.92	0.318	2.020	6.352	1383.	40.	9.	758.7	30.1	1
1225	0	340	37.5450	89.1298	-1002.0	MCU	6.94	3.64	1.05	0.524	3.460	6.604	1523.	42.	10.	758.7	30.0	1
1226	0	340	37.5450	89.1291	-998.7	PPCV	6.02	2.90	1.19	0.482	2.429	5.044	1564.	45.	11.	756.6	30.1	1
1227	0	340	37.5450	89.1284	-997.5	PPCV	6.18	2.05	1.12	0.332	1.830	5.515	1422.	52.	14.	756.6	30.0	1
1228	10	344	37.5450	89.1275	-994.2	PPCV	6.82	0.11	1.14	0.0	0.0	5.967	1449.	42.	18.	757.6	30.1	1
1229	0	348	37.5450	89.1268	-993.5	PPCV	7.48	1.47	1.02	0.196	1.434	7.297	1486.	42.	12.	758.7	30.1	1
1230	0	340	37.5450	89.1261	-993.2	PPCV	5.25	1.34	0.81	0.256	1.664	6.509	1294.	35.	15.	757.1	30.1	1
1231	10	348	37.5450	89.1253	-991.0	MCU	7.18	0.39	0.95	0.0	0.0	7.530	1292.	45.	14.	756.1	30.1	1
1232	0	404	37.5450	89.1246	-989.7	MCU	5.35	4.52	0.78	0.844	5.777	6.843	1497.	38.	9.	758.1	30.1	1
1233	0	448	37.5450	89.1238	-988.2	MCU	6.13	1.66	1.04	0.270	1.589	5.877	1512.	31.	13.	759.2	30.1	1
1234	0	488	37.5450	89.1230	-986.7	MCU	5.29	1.90	1.11	0.360	1.708	4.746	1488.	50.	11.	757.6	30.1	1
1235	0	472	37.5450	89.1224	-985.5	MCU	7.10	2.04	1.33	0.287	1.535	5.350	1636.	22.	9.	756.6	30.1	1
1236	10	452	37.5450	89.1216	-984.5	MCU	6.98	1.55	1.22	0.0	0.0	5.734	1597.	39.	9.	757.6	30.1	1
1237	0	428	37.5450	89.1208	-980.5	MCU	7.10	3.07	1.09	0.433	2.824	6.528	1575.	50.	8.	758.7	30.1	1
1238	0	432	37.5450	89.1200	-980.0	MCU	6.61	1.92	1.44	0.291	1.335	4.591	1642.	58.	10.	757.6	30.1	1
1239	0	440	37.5450	89.1194	-978.2	MCU	7.57	2.66	1.06	0.352	2.515	7.146	1576.	44.	7.	757.1	30.1	1
1240	0	432	37.5450	89.1186	-975.2	MCU	7.80	1.85	1.24	0.237	1.495	6.309	1658.	44.	12.	758.1	30.1	1
1241	10	436	37.5450	89.1178	-973.7	MCU	8.96	1.44	1.20	0.0	0.0	7.473	1598.	44.	9.	758.1	30.2	1
1242	0	480	37.5450	89.1171	-972.2	MCU	8.60	2.63	1.07	0.306	2.460	8.036	1671.	38.	9.	757.1	30.2	1
1243	0	520	37.5450	89.1163	-970.7	MCU	7.33	3.37	1.33	0.459	2.524	5.497	1736.	40.	11.	757.6	30.1	1
1244	0	492	37.5450	89.1156	-969.0	MCU	5.59	2.93	1.32	0.525	2.227	4.247	1569.	43.	11.	757.6	30.1	1
1245	0	516	37.5450	89.1149	-966.2	MCU	6.86	3.48	1.23	0.508	2.842	5.596	1651.	29.	7.	756.6	30.0	1
1246	0	528	37.5450	89.1140	-964.0	MCU	6.18	2.43	0.90	0.394	2.708	6.881	1543.	43.	10.	756.6	30.0	1
1247	0	488	37.5450	89.1133	-962.5	MCU	5.74	2.81	1.11	0.490	2.541	5.183	1477.	50.	9.	758.7	29.9	1
1248	10	436	37.5450	89.1126	-960.5	MCU	6.21	1.10	1.13	0.0	0.0	5.490	1360.	46.	7.	756.6	29.9	1
1249	0	392	37.5450	89.1118	-957.7	MCU	5.15	1.41	0.84	0.273	1.672	6.128	1128.	52.	9.	755.0	29.9	1
1250	0	344	37.5450	89.1111	-956.5	MCU	3.33	3.32	0.54	0.997	6.098	6.114	1148.	38.	7.	758.1	29.8	1
1251	0	312	37.5450	89.1103	-953.5	MCU	4.80	1.84	0.62	0.384	2.960	7.716	1003.	48.	5.	758.1	29.7	1
1252	0	304	37.5450	89.1096	-952.0	MCU	4.55	1.88	0.65	0.413	2.875	6.967	1013.	45.	3.	755.0	29.7	1
1253	0	320	37.5450	89.1088	-950.5	MCU	4.03	1.90	0.45	0.470	4.191	8.912	997.	39.	2.	757.1	29.7	1
1254	0	348	37.5450	89.1081	-946.5	MCU	5.36	2.08	0.69	0.388	3.023	7.801	1101.	36.	0.	759.2	29.7	1
1255	0	352	37.5450	89.1074	-945.0	MCU	4.08	2.16	0.66	0.529	3.257	6.162	1028.	37.	0.	757.1	29.6	1
1256	0	368	37.5450	89.1066	-944.5	MCU	5.09	1.91	0.66	0.376	2.899	7.717	1161.	39.	1.	757.6	29.7	1
1257	0	384	37.5450	89.1059	-942.7	MCU	6.08	3.30	0.70	0.543	4.685	8.631	1213.	48.	0.	758.7	29.7	1
1258	0	416	37.5450	89.1050	-939.7	MCU	5.27	3.03	1.24	0.574	2.449	4.264	1319.	34.	3.	756.6	29.7	1
1259	0	424	37.5450	89.1043	-939.0	MCU	3.91	3.15	0.87	0.806	3.600	4.467	1304.	37.	4.	757.6	29.7	1
1260	0	436	37.5450	89.1036	-936.2	MCU	5.77	2.12	0.99	0.367	2.144	5.837	1249.	35.	7.	758.7	29.7	1
1261	0	440	37.5450	89.1028	-933.5	MCU	5.75	3.40	0.91	0.591	3.749	6.341	1300.	33.	5.	757.6	29.7	1
1262	0	424	37.5450	89.1021	-930.2	MCU	4.52	2.35	0.82	0.520	2.871	5.523	1243.	51.	10.	756.6	29.7	1
1263	0	408	37.5450	89.1013	-927.7	MCU	5.37	1.85	0.97	0.345	1.901	5.511	1222.	34.	8.	758.7	29.7	1
1264	0	404	37.5450	89.1006	-926.5	MCU	3.84	1.50	0.86	0.390	1.735	4.451	1191.	38.	10.	758.7	29.6	1
1265	0	432	37.5450	89.0998	-925.2	QAL	5.74	1.82	0.64	0.316	2.821	8.921	1191.	33.	11.	756.6	29.6	1
1266	10	476	37.5451	89.0991	-922.2	QAL	6.53	0.70	0.81	0.0	0.0	8.024	1254.	44.	13.	757.6	29.7	1
1267	10	548	37.5451	89.0984	-919.7	QAL	6.70	1.85	1.26	0.0	0.0	5.306	1476.	32.	14.	758.7	29.7	1
1268	10	580	37.5451	89.0975	-917.5	QAL	5.71	0.63	0.97	0.0	0.0	5.896	1507.	48.	18.	757.6	29.7	1
1269	10	512	37.5451	89.0968	-914.7	QAL	7.31	1.77	0.87	0.0	0.0	8.396	1328.	47.	11.	757.6	29.7	1
1270	0	492	37.5451	89.0960	-913.2	MCU	4.26	2.42	0.71	0.567	3.398	5.993	1296.	46.	10.	758.7	29.7	1
1271	0	468	37.5451	89.0953	-911.2	MCU	5.09	3.60	0.83	0.707	4.333	6.132	1298.	47.	6.	757.1	29.7	1
1272	0	444	37.5451	89.0946	-908.0	MCU	3.97	1.64	0.81	0.413	2.039	4.933	1115.	45.	7.	757.1	29.8	1

CP 9 IP 12
CP 9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1273	0	436	37.5451	89.0938	-906.0	MCU	3.76	3.18	0.72	0.845	4.423	5.234	1186.	47.	8.	758.1	29.7	1
1274	0	428	37.5451	89.0930	-904.2	MCU	5.45	2.14	0.72	0.393	2.992	7.612	1128.	53.	5.	757.1	29.8	1
1275	0	420	37.5451	89.0923	-902.2	MCU	4.94	2.12	0.67	0.429	3.152	7.341	1132.	25.	6.	757.1	29.8	1
1276	0	424	37.5451	89.0916	-899.7	PPCV	5.43	1.67	0.86	0.308	1.944	6.308	1181.	49.	4.	759.2	29.8	1
1277	0	408	37.5451	89.0908	-897.2	PPCV	4.87	2.66	0.61	0.547	4.368	7.992	1181.	44.	3.	757.1	29.8	1
1278	0	416	37.5451	89.0900	-894.7	PPCV	7.01	3.23	0.86	0.461	3.752	8.133	1395.	41.	4.	757.1	29.8	1
1279	10	440	37.5451	89.0894	-892.7	PPCV	6.59	0.87	1.30	0.0	0.0	5.089	1491.	39.	9.	758.1	29.8	1
1280	0	432	37.5451	89.0885	-890.0	PPCV	6.99	3.16	1.07	0.452	2.958	6.537	1690.	37.	9.	757.1	29.8	1
1281	0	428	37.5451	89.0878	-886.5	PPCV	8.21	1.98	1.22	0.241	1.622	6.720	1627.	51.	9.	757.6	29.9	1
1282	0	420	37.5451	89.0871	-884.2	PPCV	8.58	3.49	1.22	0.407	2.863	7.042	1751.	38.	8.	757.6	29.8	1
1283	0	388	37.5451	89.0863	-882.5	PPCV	7.93	2.62	1.41	0.330	1.854	5.614	1752.	43.	6.	755.5	29.7	1
1284	0	360	37.5451	89.0856	-879.5	PPCV	7.82	2.06	1.16	0.263	1.775	6.749	1676.	40.	6.	756.6	29.7	1
1285	0	344	37.5451	89.0848	-877.0	PPCV	6.73	2.63	1.39	0.390	1.890	4.841	1676.	36.	4.	756.6	29.6	1
1286	0	344	37.5451	89.0840	-874.5	PPCV	8.18	2.81	1.23	0.343	2.282	6.648	1719.	33.	7.	755.5	29.6	1
1287	0	348	37.5451	89.0833	-874.2	PPCV	6.43	1.97	1.51	0.306	1.301	4.254	1758.	35.	11.	759.2	29.6	1
1288	10	340	37.5451	89.0826	-872.0	PPAB	9.95	1.38	1.40	0.0	0.0	7.130	1750.	53.	12.	758.1	29.6	1
1289	0	320	37.5451	89.0818	-869.2	PPAB	9.08	2.81	1.14	0.310	2.478	7.995	1780.	40.	12.	755.0	29.6	1
1290	0	320	37.5451	89.0811	-867.7	PPCV	8.81	2.39	1.05	0.272	2.268	8.351	1632.	48.	14.	758.1	29.7	1
1291	0	312	37.5451	89.0803	-863.5	PPCV	4.62	3.34	0.95	0.723	3.522	4.869	1470.	58.	12.	758.1	29.8	1
1292	0	308	37.5451	89.0796	-861.5	PPCV	7.80	2.45	0.82	0.314	2.985	9.519	1571.	34.	10.	756.6	29.7	1
1293	0	344	37.5451	89.0788	-860.7	PPCV	7.21	2.95	1.05	0.409	2.800	6.845	1618.	56.	10.	758.1	29.7	1
1294	0	352	37.5451	89.0781	-858.0	PPCV	6.38	2.40	1.21	0.377	1.984	5.267	1660.	37.	11.	757.1	29.7	1
1295	0	364	37.5451	89.0773	-855.2	PPCV	6.17	3.10	1.07	0.502	2.883	5.745	1643.	32.	9.	757.1	29.7	1
1296	0	388	37.5451	89.0766	-854.2	PPCV	8.89	2.60	1.14	0.293	2.280	7.790	1754.	46.	4.	758.7	29.8	1
1297	0	388	37.5451	89.0759	-850.5	PPCV	6.65	4.04	1.24	0.608	3.266	5.376	1653.	34.	2.	757.6	29.8	1
1298	0	392	37.5451	89.0750	-847.5	PPCV	8.33	2.09	1.18	0.251	1.764	7.034	1645.	29.	4.	758.1	29.8	1
1299	0	400	37.5451	89.0743	-846.7	PPCV	6.38	3.92	1.19	0.614	3.304	5.378	1575.	40.	3.	758.1	29.8	1
1300	10	416	37.5451	89.0735	-844.7	PPCV	8.73	1.29	1.37	0.0	0.0	6.355	1604.	28.	6.	757.1	29.9	1
1301	0	416	37.5451	89.0728	-843.0	PPCV	7.62	2.43	1.00	0.319	2.420	7.590	1548.	44.	4.	758.1	29.9	1
1302	0	424	37.5451	89.0721	-841.5	MCU	3.96	3.35	1.11	0.845	3.010	3.563	1383.	42.	3.	757.6	29.9	1
1303	0	436	37.5451	89.0713	-839.5	MCU	5.73	2.08	0.97	0.363	2.142	5.901	1261.	51.	6.	757.1	29.9	1
1304	0	452	37.5451	89.0706	-836.5	MCU	3.65	1.79	0.65	0.492	2.742	5.572	1078.	40.	6.	758.1	29.9	1
1305	0	496	37.5451	89.0698	-834.0	QAL	5.36	2.02	0.63	0.376	3.221	8.559	1159.	35.	8.	756.1	29.9	1
1306	0	540	37.5451	89.0691	-831.2	QAL	4.18	2.23	0.77	0.534	2.894	5.418	1143.	41.	8.	756.1	29.9	1
1307	0	568	37.5451	89.0684	-831.0	MCU	4.88	3.43	0.72	0.702	4.792	6.826	1152.	48.	7.	757.6	29.8	1
1308	10	556	37.5451	89.0676	-828.2	MCU	4.57	1.73	0.57	0.0	0.0	7.968	1144.	45.	10.	755.5	29.9	1
1309	0	516	37.5451	89.0668	-826.0	MCU	6.92	2.09	0.80	0.302	2.617	8.668	1159.	50.	9.	756.6	29.8	1
1310	0	464	37.5451	89.0661	-823.2	MCU	3.62	1.68	0.75	0.465	2.248	4.837	1134.	37.	10.	758.7	29.9	1
1311	0	464	37.5451	89.0653	-822.7	MCU	5.77	1.59	0.99	0.276	1.606	5.825	1291.	33.	10.	755.5	29.8	1
1312	0	476	37.5451	89.0646	-820.5	PPCV	6.75	1.94	0.94	0.288	2.061	7.156	1540.	31.	13.	756.6	29.8	1
1313	10	492	37.5451	89.0638	-820.2	PPCV	6.61	0.43	1.41	0.0	0.0	4.684	1564.	55.	15.	757.6	29.8	1
1314	0	496	37.5451	89.0630	-817.5	PPCV	7.82	2.57	0.76	0.328	3.357	10.236	1553.	35.	12.	755.5	29.8	1
1315	10	460	37.5451	89.0623	-815.2	PPCV	7.80	1.11	1.41	0.0	0.0	5.540	1535.	36.	10.	757.6	29.7	1
1316	0	436	37.5451	89.0616	-813.7	PPCV	7.46	2.13	1.37	0.286	1.561	5.458	1535.	44.	5.	758.1	29.7	1
1317	0	432	37.5451	89.0608	-811.2	PPCV	6.66	2.00	1.12	0.300	1.781	5.944	1581.	48.	10.	756.6	29.7	1
1318	0	452	37.5451	89.0600	-810.0	PPCV	8.11	3.82	1.23	0.471	3.112	6.610	1713.	39.	6.	756.6	29.7	1
1319	0	456	37.5451	89.0594	-808.5	PPCV	6.44	3.82	1.25	0.592	3.061	5.168	1654.	44.	7.	757.1	29.7	1
1320	0	468	37.5451	89.0585	-807.0	PPCV	5.89	1.92	1.25	0.326	1.538	4.712	1677.	46.	8.	757.6	29.7	1
1321	0	472	37.5451	89.0578	-805.0	PPCV	5.95	3.25	1.27	0.546	2.561	4.693	1691.	36.	6.	758.1	29.7	1
1322	0	472	37.5451	89.0571	-803.5	PPCV	8.42	2.91	1.15	0.345	2.536	7.346	1748.	41.	4.	756.6	29.7	1
1323	0	460	37.5451	89.0563	-802.7	PPCV	8.34	3.87	1.37	0.464	2.821	6.078	1730.	41.	3.	756.6	29.7	1
1324	0	436	37.5451	89.0556	-799.5	PPCV	7.55	3.43	1.07	0.454	3.195	7.040	1583.	48.	4.	757.1	29.7	1
1325	0	424	37.5451	89.0548	-797.0	PPCV	7.20	3.01	1.33	0.418	2.262	5.405	1642.	52.	4.	757.1	29.7	1

CP 9 IP 12
CP 9 IP 12

* TAGS			* LOCATION			*	REDUCED DATA											
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
1326	0	408	37.5451	89.0540	-795.7	PPCV	6.42	2.24	1.38	0.348	1.625	4.665	1677.	41.	6.	757.6	29.7	1
1327	0	404	37.5451	89.0533	-794.2	PPCV	8.12	2.88	1.16	0.355	2.487	7.005	1746.	38.	6.	757.1	29.7	1
1328	0	408	37.5451	89.0526	-792.5	PPCV	7.17	3.45	1.45	0.482	2.391	4.962	1726.	41.	8.	757.1	29.7	1
1329	0	416	37.5451	89.0518	-790.5	PPCV	9.47	2.06	0.93	0.217	2.202	10.138	1707.	30.	13.	757.6	29.7	1
1330	0	428	37.5451	89.0510	-789.2	PPCV	8.23	2.97	1.18	0.361	2.513	6.958	1767.	39.	12.	758.1	29.7	1
1331	0	432	37.5451	89.0503	-789.7	PPCV	8.59	2.40	1.15	0.280	2.086	7.462	1766.	34.	14.	757.6	29.7	1
1332	10	436	37.5451	89.0496	-786.7	PPCV	8.62	0.82	1.07	0.0	0.0	8.040	1523.	52.	15.	756.1	29.8	1
1333	10	440	37.5451	89.0488	-783.0	PPCV	6.12	1.13	1.00	0.0	0.0	6.151	1607.	36.	15.	756.6	29.9	1
1334	0	420	37.5451	89.0481	-779.7	PPCV	6.82	2.43	0.97	0.356	2.496	7.007	1552.	38.	13.	757.6	29.9	1
1335	0	432	37.5451	89.0473	-777.5	PPCV	7.19	4.07	0.97	0.566	4.213	7.440	1557.	43.	12.	757.6	29.9	1
1336	10	464	37.5451	89.0466	-776.2	PPCV	5.98	0.80	1.20	0.0	0.0	4.974	1576.	39.	20.	757.6	29.9	1
1337	0	468	37.5451	89.0459	-776.7	PPCV	6.15	1.89	1.31	0.307	1.437	4.686	1611.	45.	17.	757.6	29.9	1
1338	10	456	37.5451	89.0451	-775.7	PPCV	9.33	0.72	1.03	0.0	0.0	9.044	1597.	41.	17.	757.6	29.8	1
1339	0	448	37.5451	89.0443	-773.0	PPCV	4.71	2.17	1.16	0.460	1.872	4.072	1456.	43.	16.	757.6	29.8	1
1340	10	444	37.5451	89.0435	-771.0	PPCV	7.49	0.31	1.24	0.0	0.0	6.022	1552.	26.	19.	757.6	29.8	1
1341	0	436	37.5451	89.0428	-770.7	PPCV	5.35	2.42	0.95	0.453	2.539	5.602	1466.	30.	14.	758.1	29.8	1
1342	0	448	37.5451	89.0421	-769.5	PPCV	6.45	2.03	1.12	0.314	1.817	5.780	1593.	44.	13.	757.6	29.8	1
1343	10	448	37.5451	89.0413	-766.2	PPCV	8.89	1.26	1.13	0.0	0.0	7.848	1625.	42.	12.	757.1	29.8	1
1344	0	432	37.5451	89.0406	-765.0	PPCV	6.76	2.30	0.92	0.340	2.507	7.367	1580.	49.	10.	757.6	29.9	1
1345	0	416	37.5451	89.0398	-763.2	PPCV	6.91	3.27	1.39	0.473	2.349	4.966	1654.	30.	8.	757.6	29.9	1
1346	0	408	37.5451	89.0391	-761.2	PPCV	7.69	2.06	1.36	0.267	1.508	5.639	1616.	35.	8.	757.6	29.9	1
1347	0	412	37.5451	89.0384	-760.5	PPCV	6.63	1.75	1.31	0.264	1.343	5.079	1579.	44.	6.	757.6	29.8	1
1348	0	416	37.5451	89.0376	-758.0	PPCV	8.03	3.87	1.04	0.482	3.736	7.750	1725.	47.	4.	757.6	29.8	1
1349	0	416	37.5451	89.0368	-756.2	PP V	8.05	2.06	1.29	0.256	1.591	6.226	1661.	45.	6.	757.6	29.8	1
1350	0	428	37.5451	89.0361	-756.0	PP V	7.15	2.49	1.28	0.348	1.951	5.600	1640.	37.	9.	757.6	29.8	1
1351	0	436	37.5451	89.0353	-754.5	PPCV	5.15	3.94	1.08	0.766	3.638	4.752	1715.	43.	11.	757.6	29.7	1
1352	10	424	37.5451	89.0346	-752.0	PPAB	10.39	0.27	1.40	0.0	0.0	7.441	1667.	50.	10.	758.1	29.8	1
1353	10	412	37.5451	89.0338	-750.7	PPAB	5.99	0.80	1.61	0.0	0.0	3.724	1708.	39.	12.	758.1	29.7	1
1354	0	420	37.5451	89.0331	-749.5	PPAB	9.75	2.36	0.96	0.242	2.453	10.147	1685.	35.	12.	757.6	29.7	1
1355	0	424	37.5451	89.0323	-747.5	PPCV	8.58	2.93	0.92	0.342	3.195	9.350	1670.	41.	11.	757.6	29.7	1
1356	0	424	37.5451	89.0316	-743.7	PPCV	6.33	4.18	1.23	0.660	3.408	5.163	1669.	38.	11.	757.6	29.7	1
1357	10	420	37.5451	89.0309	-741.7	PPCV	8.19	1.39	1.14	0.0	0.0	7.168	1566.	40.	13.	757.1	29.7	1
1358	0	428	37.5451	89.0300	-740.7	PPCV	6.94	1.71	1.27	0.246	1.347	5.471	1589.	40.	12.	757.1	29.7	1
1359	0	432	37.5451	89.0294	-739.2	PPCV	5.24	1.94	1.04	0.370	1.867	5.049	1623.	50.	13.	757.6	29.7	1
1360	10	428	37.5451	89.0285	-738.5	PPCV	6.37	1.43	1.00	0.0	0.0	6.382	1529.	46.	14.	757.6	29.7	1
1361	10	420	37.5451	89.0278	-735.2	PPCV	8.47	1.38	0.87	0.0	0.0	9.744	1487.	40.	14.	757.6	29.7	1
1362	0	432	37.5451	89.0271	-733.7	PPCV	4.89	2.13	0.64	0.436	3.316	7.606	1440.	37.	16.	756.6	29.8	1
1363	0	440	37.5451	89.0263	-732.7	PPCV	7.03	2.57	0.60	0.366	4.283	11.702	1352.	36.	15.	756.1	29.8	1
1364	10	480	37.5451	89.0256	-729.7	PPCV	5.36	1.04	0.88	0.0	0.0	6.077	1274.	51.	16.	757.1	29.8	1
1365	0	504	37.5451	89.0248	-727.2	PPCV	5.70	1.81	0.99	0.318	1.822	5.733	1348.	38.	13.	758.1	29.7	1
1366	10	484	37.5451	89.0241	-726.2	PPCV	5.33	1.41	1.05	0.0	0.0	5.100	1308.	38.	16.	757.1	29.8	1
1367	10	484	37.5451	89.0233	-724.2	PPCV	7.78	1.34	0.98	0.0	0.0	7.927	1396.	41.	14.	757.1	29.8	1
1368	0	492	37.5451	89.0226	-722.2	PPCV	4.80	3.20	1.08	0.667	2.974	4.459	1339.	40.	9.	757.1	29.7	1
1369	0	520	37.5451	89.0219	-720.5	PPCV	5.56	2.92	0.94	0.526	3.093	5.882	1473.	43.	7.	757.1	29.7	1
1370	0	556	37.5451	89.0210	-717.7	PPCV	6.38	3.42	1.01	0.537	3.380	6.299	1622.	41.	2.	757.6	29.7	1
1371	0	556	37.5451	89.0203	-715.7	PPCV	8.04	7.09	0.76	0.882	9.349	10.598	1654.	37.	2.	757.6	29.6	1
1372	0	540	37.5451	89.0196	-715.0	PPCV	7.30	2.82	1.19	0.386	2.369	6.132	1666.	34.	4.	757.6	29.6	1
1373	0	516	37.5451	89.0188	-712.5	PPCV	8.68	4.72	1.24	0.543	3.816	7.021	1618.	39.	2.	757.6	29.6	1
1374	10	524	37.5451	89.0181	-710.7	PPCV	6.73	-0.37	1.42	0.0	0.0	4.733	1539.	45.	5.	757.1	29.6	1
1375	0	544	37.5451	89.0174	-708.2	PPCV	8.32	3.85	1.44	0.463	2.676	5.777	1677.	36.	3.	757.1	29.5	1
1376	0	560	37.5451	89.0167	-706.5	PPCV	8.41	4.17	0.94	0.496	4.456	8.985	1625.	42.	2.	757.6	29.5	1
1377	10	536	37.5452	89.0159	-704.7	PPCV	7.50	1.14	0.69	0.0	0.0	10.847	1468.	35.	7.	757.1	29.5	1
1378	0	512	37.5452	89.0152	-703.0	PPCV	6.87	2.50	1.34	0.364	1.869	5.132	1466.	36.	6.	757.1	29.5	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1379	10	480	37.5452	89.0144	-702.0	PPCV	6.39	1.48	0.76	0.0	0.0	8.405	1287.	36.	11.	757.1	29.5	1
1380	10	464	37.5452	89.0137	-699.5	PPCV	7.39	1.01	1.16	0.0	0.0	6.388	1355.	42.	10.	757.1	29.6	1
1381	0	436	37.5452	89.0130	-698.5	PPCV	4.36	2.33	0.91	0.534	2.560	4.798	1428.	49.	12.	757.6	29.5	1
1382	0	452	37.5452	89.0122	-699.2	PPCV	6.58	2.09	1.05	0.317	1.994	6.295	1486.	41.	9.	757.6	29.6	1
1383	0	456	37.5452	89.0115	-696.5	PPCV	5.54	2.85	1.25	0.514	2.285	4.443	1580.	38.	11.	757.1	29.5	1
1384	0	420	37.5452	89.0107	-685.5	PPCV	6.94	2.15	0.91	0.309	2.358	7.629	1458.	31.	4.	757.6	29.5	1
1385	0	388	37.5452	89.0100	-680.0	PPCV	8.06	4.05	0.76	0.503	5.328	10.599	1437.	38.	3.	757.1	29.5	1
1386	0	404	37.5452	89.0093	-680.2	PPCV	8.00	2.75	1.03	0.343	2.669	7.773	1354.	37.	1.	757.6	29.5	1
1387	0	436	37.5452	89.0086	-679.2	PPCV	6.74	1.88	0.97	0.278	1.929	6.927	1452.	43.	3.	757.6	29.4	1
1388	0	448	37.5452	89.0078	-678.7	PPCV	8.67	2.16	1.32	0.249	1.639	6.587	1669.	40.	0.	757.1	29.4	1
1389	0	460	37.5452	89.0070	-677.2	PPCV	6.47	4.67	1.08	0.722	4.321	5.988	1605.	44.	3.	756.6	29.4	1
1390	0	472	37.5452	89.0063	-675.2	PPCV	9.40	4.56	0.77	0.486	5.955	12.262	1695.	50.	2.	757.6	29.4	1
1391	0	484	37.5452	89.0056	-673.2	PPCV	4.83	3.41	1.27	0.705	2.692	3.816	1584.	45.	8.	758.1	29.3	1
1392	0	484	37.5452	89.0049	-672.0	PPCV	6.48	4.63	1.08	0.715	4.303	6.020	1678.	33.	7.	757.1	29.4	1
1393	10	484	37.5452	89.0041	-668.2	PPCV	7.90	1.05	1.38	0.0	0.0	5.738	1700.	31.	13.	756.6	29.4	1
1394	10	500	37.5452	89.0034	-668.0	PPCV	8.22	0.52	1.13	0.0	0.0	7.288	1656.	56.	14.	757.1	29.5	1
1395	0	520	37.5452	89.0027	-665.5	PPCV	6.01	2.54	0.87	0.422	2.907	6.881	1616.	36.	17.	758.1	29.5	1
1396	10	528	37.5452	89.0019	-661.7	PPCV	6.37	1.41	0.95	0.0	0.0	6.724	1515.	49.	19.	757.6	29.5	1
1397	0	504	37.5452	89.0012	-659.7	PPCV	8.26	2.01	1.01	0.243	1.983	8.148	1553.	31.	14.	757.1	29.5	1
1398	0	488	37.5452	89.0005	-656.7	PPCV	5.49	4.77	0.94	0.868	5.048	5.815	1643.	47.	13.	757.6	29.5	1
1399	0	476	37.5452	88.9997	-653.7	PPCV	7.10	2.44	0.99	0.345	2.459	7.136	1630.	43.	12.	757.1	29.5	1
1400	0	480	37.5452	88.9990	-652.5	PPCV	7.85	1.78	1.06	0.227	1.676	7.390	1662.	37.	10.	756.6	29.5	1
1401	0	492	37.5452	88.9982	-649.7	PPCV	6.93	2.27	1.39	0.328	1.632	4.982	1692.	40.	8.	757.6	29.5	1
1402	0	480	37.5452	88.9975	-645.5	PPCV	5.01	3.68	1.34	0.734	2.754	3.752	1642.	41.	8.	757.1	29.5	1
1403	0	472	37.5452	88.9967	-643.7	PPCV	5.19	1.73	1.28	0.333	1.354	4.062	1401.	56.	8.	755.5	29.4	1
1404	0	460	37.5452	88.9960	-641.5	PPCV	4.42	3.51	1.15	0.794	3.064	3.859	1550.	30.	10.	756.6	29.5	1
1405	0	460	37.5452	88.9953	-637.2	PPCV	8.20	2.70	0.87	0.330	3.097	9.398	1497.	35.	8.	758.1	29.4	1
1406	0	472	37.5452	88.9946	-635.2	PPCV	7.80	2.33	1.07	0.299	2.176	7.286	1625.	31.	13.	757.1	29.4	1
1407	0	484	37.5452	88.9939	-633.5	PPCV	6.28	2.28	0.86	0.364	2.659	7.309	1661.	32.	15.	757.1	29.4	1
1408	10	492	37.5452	88.9931	-629.7	PPCV	7.81	1.49	1.04	0.0	0.0	7.505	1521.	43.	18.	757.6	29.4	1
1409	0	492	37.5452	88.9924	-627.0	PPCV	8.06	2.80	1.16	0.347	2.422	6.977	1608.	44.	14.	757.1	29.4	1
1410	0	444	37.5452	88.9917	-624.2	PPCV	7.93	2.11	0.60	0.266	3.526	13.247	1397.	50.	14.	757.1	29.4	1
1411	0	408	37.5452	88.9909	-621.2	PPCV	4.05	2.68	0.89	0.662	3.016	4.556	1408.	38.	14.	757.6	29.4	1
1412	0	384	37.5451	88.9902	-618.7	PPCV	5.73	3.83	0.98	0.669	3.929	5.877	1502.	47.	9.	757.6	29.4	1
1413	0	364	37.5451	88.9894	-615.7	PPCV	8.24	2.29	1.23	0.278	1.859	6.693	1677.	54.	9.	757.6	29.3	1
1414	0	356	37.5451	88.9887	-613.0	PPCV	7.69	2.91	1.33	0.379	2.186	5.773	1762.	33.	8.	758.1	29.3	1
1415	0	356	37.5451	88.9879	-610.2	PPCV	7.56	3.43	1.29	0.454	2.656	5.854	1851.	38.	8.	757.6	29.3	1
1416	0	348	37.5451	88.9872	-606.5	PPAB	9.36	2.09	1.31	0.223	1.600	7.168	1750.	35.	3.	757.1	29.4	1
1417	0	360	37.5451	88.9865	-603.2	PPAB	8.34	2.82	1.37	0.338	2.062	6.099	1799.	38.	6.	757.6	29.4	1
1418	0	368	37.5451	88.9857	-601.0	PPAB	9.54	3.43	1.06	0.359	3.238	9.022	1748.	42.	8.	758.1	29.4	1
1419	0	376	37.5451	88.9850	-597.0	PPAB	7.86	2.04	1.31	0.259	1.558	6.006	1610.	41.	8.	757.6	29.4	1
1420	10	380	37.5451	88.9843	-594.2	PPCV	10.02	-0.78	1.07	0.0	0.0	9.323	1582.	47.	17.	758.1	29.4	1
1421	0	380	37.5451	88.9836	-593.7	PPCV	4.59	1.57	0.89	0.343	1.760	5.137	1333.	40.	15.	757.6	29.4	1
1422	10	396	37.5451	88.9828	-590.2	PPCV	3.90	0.01	0.77	0.0	0.0	5.061	1154.	40.	21.	757.6	29.4	1
1423	10	440	37.5451	88.9820	-587.7	PPCV	4.37	0.73	0.84	0.0	0.0	5.186	1237.	38.	19.	758.1	29.3	1
1424	10	452	37.5451	88.9813	-585.2	PPCV	6.27	0.94	0.80	0.0	0.0	7.874	1240.	39.	21.	756.6	29.4	1
1425	10	46[illegible]	37.5451	88.9806	-582.0	PPCV	5.40	-0.05	0.97	0.0	0.0	5.550	1229.	36.	20.	757.1	29.3	1
1426	10	5[illegible]	37.5451	88.9799	-580.0	PPCV	5.02	0.60	0.99	0.0	0.0	5.064	1394.	40.	18.	758.1	29.4	1
1427	10	540	37.5451	88.9791	-577.0	PPCV	3.19	1.33	0.86	0.0	0.0	3.695	1262.	43.	20.	757.1	29.4	1
1428	10	524	37.5451	88.9784	-574.0	PPCV	5.34	0.29	1.11	0.0	0.0	4.791	1304.	51.	14.	758.1	29.5	1
1429	10	472	37.5451	88.9777	-571.5	PPCV	7.82	0.54	1.09	0.0	0.0	7.194	1328.	29.	10.	758.1	29.5	1
1430	10	440	37.5451	88.9770	-568.7	PPCV	4.84	1.16	0.73	0.0	0.0	6.583	1245.	34.	8.	757.6	29.6	1
1431	10	404	37.5451	88.9762	-566.7	PPCV	4.18	0.81	0.95	0.0	0.0	4.402	1168.	52.	10.	757.6	29.6	1

* TAGS			* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1432	0	424	37.5451	88.9755	-564.7	PPCV	4.33	2.39	0.94	0.553	2.555	4.618	1206.	46.	10.	756.1	29.5	1
1433	10	440	37.5451	88.9747	-562.7	PPCV	6.06	1.25	0.93	0.0	0.0	6.536	1305.	39.	9.	756.6	29.5	1
1434	0	420	37.5451	88.9739	-560.2	PPCV	6.70	2.03	1.03	0.303	1.965	6.481	1392.	39.	10.	757.1	29.5	1
1435	10	440	37.5451	88.9732	-557.5	PPCV	7.88	1.33	1.00	0.0	0.0	7.906	1492.	40.	12.	757.1	29.4	1
1436	10	420	37.5451	88.9725	-554.0	PPCV	7.97	1.54	0.75	0.0	0.0	10.590	1466.	35.	14.	758.1	29.3	1
1437	10	436	37.5451	88.9718	-550.7	PPAB	7.11	0.01	1.53	0.0	0.0	4.633	1635.	50.	14.	757.1	29.3	1
1438	10	412	37.5451	88.9710	-548.5	PPAB	5.95	1.07	1.04	0.0	0.0	5.702	1575.	38.	16.	756.6	29.3	1
1439	10	372	37.5451	88.9703	-546.2	PPAB	7.11	1.20	1.09	0.0	0.0	6.533	1489.	51.	10.	758.1	29.3	1
1440	0	336	37.5451	88.9696	-543.5	PPAB	4.99	2.49	0.91	0.498	2.743	5.505	1425.	55.	7.	757.1	29.3	1
1441	0	320	37.5451	88.9689	-539.5	PPAB	5.50	4.98	0.74	0.906	6.752	7.452	1467.	37.	1.	756.1	29.3	1
1442	0	344	37.5451	88.9682	-538.2	PPAB	7.07	3.91	1.14	0.553	3.430	6.200	1519.	34.	0.	756.6	29.3	1
1443	0	360	37.5451	88.9673	-538.7	PPAB	5.48	1.83	1.37	0.333	1.335	4.006	1541.	51.	2.	755.5	29.3	1
1444	0	384	37.5451	88.9666	-537.2	PPAB	5.26	2.89	1.27	0.549	2.280	4.151	1601.	43.	1.	757.6	29.3	1
1445	0	396	37.5451	88.9659	-535.5	PPAB	6.05	5.74	1.10	0.949	5.199	5.480	1759.	42.	0.	758.7	29.3	1
1446	0	404	37.5451	88.9651	-534.5	PPAB	9.74	3.20	1.31	0.328	2.436	7.419	1706.	42.	4.	756.6	29.3	1
1447	0	404	37.5451	88.9644	-534.0	PPAB	7.65	1.71	1.22	0.223	1.397	6.272	1709.	43.	8.	756.6	29.3	1
1448	0	404	37.5451	88.9630	-529.2	PPAB	9.17	2.46	1.07	0.269	2.313	8.604	1627.	43.	9.	757.6	29.2	1
1449	0	408	37.5451	88.9622	-528.5	PPAB	6.33	2.15	1.01	0.339	2.130	6.275	1549.	57.	12.	756.6	29.3	1
1450	10	408	37.5451	88.9615	-527.5	PPAB	9.70	1.42	1.09	0.0	0.0	8.934	1698.	30.	12.	758.7	29.2	1
1451	10	392	37.5450	88.9608	-524.7	PPAB	8.84	1.31	0.99	0.0	0.0	8.895	1654.	38.	16.	758.7	29.3	1
1452	10	368	37.5450	88.9600	-522.0	PPAB	5.97	0.91	1.45	0.0	0.0	4.120	1643.	37.	15.	756.6	29.3	1
1453	0	336	37.5450	88.9592	-518.7	PPAB	6.80	4.16	1.13	0.612	3.681	6.020	1619.	40.	7.	758.1	29.4	1
1454	0	312	37.5450	88.9585	-518.0	PPAB	5.28	3.22	1.26	0.610	2.556	4.188	1640.	46.	5.	759.2	29.4	1
1455	0	312	37.5450	88.9578	-517.7	PPAB	7.00	3.79	1.28	0.541	2.963	5.474	1671.	43.	2.	756.6	29.5	1
1456	0	328	37.5450	88.9571	-518.0	PPAB	8.09	2.99	1.39	0.369	2.144	5.812	1845.	49.	3.	756.6	29.4	1
1457	0	328	37.5450	88.9563	-519.2	PPAB	9.62	3.84	1.24	0.399	3.105	7.773	1830.	39.	1.	758.7	29.4	1
1458	0	332	37.5450	88.9556	-517.7	PPAB	9.71	3.80	1.21	0.392	3.149	8.037	1788.	46.	0.	757.6	29.4	1
1459	0	332	37.5450	88.9549	-515.5	PPAB	6.85	3.17	1.45	0.463	2.187	4.723	1750.	36.	0.	756.6	29.4	1
1460	0	348	37.5450	88.9542	-514.7	PPAB	9.41	2.64	1.68	0.281	1.572	5.594	1941.	33.	2.	758.7	29.3	1
1461	0	352	37.5450	88.9534	-514.2	PPAB	6.95	4.19	1.58	0.602	2.652	4.403	1810.	48.	0.	758.7	29.3	1
1462	0	348	37.5450	88.9526	-515.7	PPAB	7.90	1.77	1.42	0.224	1.243	5.551	1758.	44.	2.	756.6	29.1	1
1463	0	360	37.5450	88.9519	-515.2	PPAB	8.17	3.41	1.13	0.418	3.015	7.215	1684.	33.	1.	758.7	29.2	1
1464	0	320	37.5450	88.9512	-513.0	PPAB	7.70	2.53	0.93	0.328	2.723	8.293	1530.	39.	1.	758.7	29.2	1
1465	0	292	37.5450	88.9504	-512.2	PPAB	8.10	2.59	1.05	0.319	2.457	7.696	1629.	33.	5.	757.1	29.3	1
1466	0	308	37.5450	88.9497	-512.7	PPAB	8.81	3.62	1.14	0.411	3.186	7.759	1761.	45.	5.	758.1	29.3	1
1467	0	308	37.5450	88.9490	-514.0	PPAB	5.97	4.41	1.06	0.739	4.152	5.618	1781.	49.	4.	759.2	29.3	1
1468	0	300	37.5450	88.9482	-515.5	PPAB	7.76	3.45	1.26	0.444	2.736	6.162	1820.	45.	4.	758.1	29.2	1
1469	0	304	37.5450	88.9475	-516.0	PPAB	10.13	1.68	1.46	0.165	1.150	6.952	1795.	30.	3.	758.1	29.2	1
1470	0	324	37.5450	88.9468	-515.7	PPAB	6.79	3.74	1.35	0.551	2.765	5.021	1753.	43.	4.	758.7	29.2	1
1471	0	320	37.5450	88.9461	-515.2	PPAB	8.77	2.97	1.08	0.339	2.754	8.129	1699.	33.	3.	758.7	29.2	1
1472	0	300	37.5450	88.9453	-516.5	PPAB	7.85	2.89	1.32	0.368	2.182	5.934	1684.	41.	3.	757.6	29.2	1
1473	0	264	37.5450	88.9445	-517.2	PPAB	8.88	1.65	1.27	0.186	1.297	6.992	1639.	31.	1.	757.6	29.2	1
1474	0	288	37.5450	88.9438	-517.0	PPAB	7.22	3.67	1.15	0.509	3.192	6.275	1646.	42.	3.	758.7	29.3	1
1475	0	292	37.5450	88.9431	-515.7	PPAB	7.73	4.40	1.14	0.569	3.864	6.789	1651.	39.	5.	758.7	29.3	1
1476	0	300	37.5450	88.9424	-516.7	PPAB	8.46	1.75	0.97	0.207	1.804	8.713	1663.	37.	8.	757.6	29.3	1
1477	0	312	37.5450	88.9416	-518.7	PPAB	7.51	2.93	1.07	0.391	2.745	7.024	1677.	39.	7.	758.7	29.3	1
1478	0	328	37.5450	88.9409	-520.7	PPAB	7.27	2.53	1.20	0.349	2.116	6.068	1648.	45.	7.	758.7	29.3	1
1479	0	336	37.5450	88.9402	-522.5	PPAB	7.27	2.26	1.03	0.311	2.200	7.072	1626.	41.	14.	757.6	29.3	1
1480	0	352	37.5450	88.9394	-522.7	PPAB	7.90	1.86	1.12	0.235	1.657	7.043	1672.	35.	12.	757.6	29.3	1
1481	0	344	37.5450	88.9387	-523.5	PPAB	6.03	2.38	1.15	0.395	2.078	5.261	1542.	37.	9.	757.6	29.3	1
1482	0	336	37.5450	88.9379	-523.5	PPAB	4.52	1.73	1.01	0.383	1.724	4.498	1445.	41.	11.	758.7	29.2	1
1483	0	348	37.5450	88.9372	-524.2	PPAB	6.36	3.03	1.08	0.477	2.803	5.878	1526.	46.	10.	758.7	29.3	1
1484	0	356	37.5450	88.9365	-525.7	PPAB	5.41	1.96	1.09	0.361	1.787	4.947	1506.	43.	10.	757.6	29.3	1

* TAGS			* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1485	0	380	37.5450	88.9357	-526.5	PPAB	9.32	2.29	1.33	0.245	1.723	7.022	1743.	47.	6.	756.6	29.3	1
1486	0	368	37.5450	88.9350	-530.5	PPAB	7.88	3.25	1.34	0.413	2.425	5.876	1749.	44.	6.	757.6	29.4	1
1487	0	384	37.5450	88.9335	-532.2	PPAB	6.93	2.14	1.24	0.309	1.724	5.575	1729.	39.	5.	758.7	29.4	1
1488	0	388	37.5450	88.9328	-533.0	PPAB	6.57	3.50	1.37	0.532	2.551	4.795	1736.	32.	6.	757.6	29.5	1
1489	0	384	37.5450	88.9321	-534.7	PPAB	8.82	2.56	1.19	0.290	2.148	7.413	1630.	46.	2.	756.6	29.4	1
1490	0	376	37.5450	88.9314	-538.2	PPAB	7.62	2.35	1.10	0.308	2.139	6.950	1577.	40.	5.	757.6	29.4	1
1491	0	384	37.5450	88.9306	-540.7	PPAB	7.67	2.64	0.92	0.344	2.857	8.305	1491.	35.	4.	758.7	29.3	1
1492	0	408	37.5450	88.9299	-543.0	PPAB	6.19	3.57	1.18	0.577	3.022	5.240	1540.	31.	7.	757.6	29.3	1
1493	0	396	37.5450	88.9291	-544.0	PPAB	6.86	1.93	0.99	0.281	1.945	6.922	1444.	48.	4.	756.6	29.3	1
1494	0	376	37.5450	88.9284	-544.5	PPAB	6.02	2.20	1.19	0.365	1.854	5.080	1399.	43.	5.	756.6	29.3	1
1495	0	356	37.5450	88.9277	-547.0	PPAB	7.13	2.81	1.12	0.394	2.503	6.345	1507.	43.	4.	758.7	29.2	1
1496	0	376	37.5450	88.9269	-546.5	PPAB	6.17	3.40	1.00	0.550	3.405	6.191	1494.	39.	3.	758.7	29.2	1
1497	0	376	37.5450	88.9262	-547.5	PPAB	6.28	4.22	1.06	0.672	3.993	5.941	1637.	29.	3.	756.6	29.2	1
1498	0	376	37.5450	88.9254	-549.2	PPAB	6.77	1.56	1.03	0.230	1.520	6.593	1572.	57.	5.	756.6	29.2	1
1499	0	388	37.5450	88.9247	-550.7	PPAB	8.16	2.91	1.17	0.356	2.493	6.996	1666.	39.	4.	758.7	29.3	1
1500	0	376	37.5450	88.9240	-553.7	PPAB	8.96	2.75	1.02	0.307	2.687	8.758	1661.	47.	3.	758.7	29.3	1
1501	0	388	37.5450	88.9233	-558.5	PPAB	7.78	2.70	1.01	0.347	2.686	7.732	1600.	38.	7.	757.6	29.3	1
1502	0	416	37.5450	88.9225	-560.5	PPAB	9.56	3.90	1.03	0.408	3.790	9.293	1646.	29.	4.	756.6	29.3	1
1503	0	416	37.5450	88.9218	-560.5	PPAB	8.75	2.45	1.22	0.281	2.008	7.156	1562.	44.	8.	756.6	29.3	1
1504	0	396	37.5450	88.9211	-562.7	PPAB	6.83	2.67	0.94	0.391	2.845	7.277	1663.	31.	9.	757.6	29.3	1
1505	0	380	37.5450	88.9203	-564.7	PPAB	8.17	2.57	1.06	0.314	2.427	7.731	1666.	47.	9.	758.7	29.2	1
1506	0	384	37.5450	88.9196	-565.5	PPAB	5.28	3.56	0.93	0.674	3.842	5.696	1617.	36.	10.	758.7	29.2	1
1507	0	400	37.5450	88.9188	-567.7	PPAB	5.22	3.51	1.17	0.673	3.015	4.483	1552.	34.	6.	757.6	29.2	1
1508	0	404	37.5450	88.9181	-571.7	PPAB	6.12	2.29	1.29	0.375	1.783	4.756	1612.	38.	8.	756.6	29.2	1
1509	0	396	37.5450	88.9174	-572.7	PPAB	5.78	4.04	1.23	0.698	3.270	4.685	1620.	45.	5.	757.6	29.2	1
1510	0	380	37.5450	88.9166	-574.5	PPAB	8.44	2.71	1.42	0.321	1.905	5.940	1715.	28.	2.	758.7	29.2	1
1511	0	368	37.5450	88.9159	-578.2	PPAB	8.76	2.52	0.93	0.287	2.716	9.448	1533.	38.	4.	758.7	29.2	1
1512	0	368	37.5450	88.9152	-580.2	PPAB	5.85	3.28	1.20	0.561	2.737	4.880	1595.	37.	4.	757.6	29.2	1
1513	0	368	37.5450	88.9144	-580.5	PPAB	8.99	2.76	1.14	0.307	2.429	7.915	1622.	25.	1.	757.6	29.2	1
1514	0	364	37.5450	88.9137	-582.2	PPAB	7.90	2.00	1.20	0.253	1.662	6.574	1653.	40.	1.	756.6	29.2	1
1515	0	364	37.5450	88.9130	-583.7	PPAB	7.39	3.14	1.01	0.425	3.091	7.278	1643.	47.	2.	757.1	29.3	1
1516	0	372	37.5450	88.9122	-586.0	PPAB	6.72	3.89	1.12	0.579	3.470	5.998	1639.	36.	3.	759.2	29.4	1
1517	0	384	37.5450	88.9114	-590.5	PPAB	8.29	1.48	1.39	0.178	1.066	5.977	1658.	57.	3.	758.1	29.4	1
1518	0	404	37.5450	88.9107	-593.2	PPAB	7.62	4.02	1.20	0.527	3.360	6.370	1644.	39.	3.	756.1	29.4	1
1519	0	428	37.5450	88.9100	-593.0	PPAB	8.50	2.58	1.33	0.304	1.938	6.376	1657.	29.	4.	756.1	29.3	1
1520	0	444	37.5450	88.9093	-596.7	PPAB	5.80	3.25	1.05	0.561	3.104	5.535	1509.	48.	7.	757.6	29.3	1
1521	0	388	37.5450	88.9086	-599.7	PPAB	5.70	2.75	0.83	0.482	3.314	6.879	1549.	40.	9.	758.7	29.3	1
1522	0	396	37.5450	88.9078	-600.7	PPAB	8.00	2.92	1.17	0.365	2.498	6.851	1699.	39.	4.	758.7	29.2	1
1523	0	400	37.5450	88.9071	-603.7	PPAB	6.16	3.03	1.18	0.492	2.562	5.213	1685.	33.	6.	757.6	29.2	1
1524	0	404	37.5450	88.9064	-605.7	PPAB	6.83	2.69	1.57	0.394	1.717	4.355	1731.	38.	6.	756.6	29.1	1
1525	0	396	37.5450	88.9057	-608.0	PPAB	9.49	3.02	1.08	0.318	2.793	8.786	1657.	41.	4.	756.6	29.1	1
1526	0	396	37.5450	88.9049	-609.5	PPAB	6.16	2.87	1.25	0.465	2.296	4.933	1688.	38.	6.	757.6	29.1	1
1527	0	408	37.5450	88.9041	-612.7	PPAB	9.33	2.80	1.53	0.300	1.838	6.119	1713.	39.	3.	758.7	29.1	1
1528	0	404	37.5450	88.9034	-614.5	PPAB	9.15	2.22	1.22	0.243	1.823	7.508	1719.	54.	7.	758.7	29.1	1
1529	0	396	37.5449	88.9026	-615.5	PPAB	7.86	2.59	1.24	0.329	2.096	6.364	1671.	31.	6.	757.6	29.0	1
1530	0	388	37.5449	88.9019	-616.7	PPAB	7.47	4.13	1.22	0.554	3.377	6.097	1709.	33.	6.	757.6	29.1	1
1531	10	384	37.5449	88.9012	-618.0	PPAB	7.22	1.23	1.66	0.0	0.0	4.337	1723.	33.	8.	757.6	29.1	1
1532	0	380	37.5449	88.9004	-619.2	PPAB	7.76	2.51	1.32	0.324	1.902	5.880	1731.	46.	10.	757.6	29.1	1
1533	0	380	37.5449	88.8997	-623.7	PPAB	7.19	3.07	1.29	0.427	2.375	5.556	1755.	39.	8.	758.7	29.0	1
1534	0	388	37.5449	88.8990	-626.7	PPAB	5.97	2.37	1.42	0.397	1.676	4.218	1686.	49.	13.	758.7	29.0	1
1535	0	396	37.5449	88.8983	-628.2	PPAB	9.97	1.77	1.24	0.177	1.419	8.009	1768.	43.	12.	758.7	29.0	1
1536	0	372	37.5449	88.8976	-630.5	PPAB	7.37	1.81	1.15	0.246	1.571	6.384	1689.	41.	15.	757.6	29.1	1
1537	0	368	37.5449	88.8967	-632.7	PPAB	7.05	1.86	0.98	0.264	1.890	7.169	1696.	41.	13.	756.6	29.1	1

CP9 1P 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1538	0	364	37.5449	88.8960	-633.2	PPAB	9.00	2.31	1.09	0.257	2.115	8.232	1672.	50.	10.	757.6	29.1	1
1539	0	352	37.5449	88.8953	-635.7	PPAB	7.39	2.04	1.20	0.276	1.706	6.181	1705.	41.	14.	758.7	29.1	1
1540	0	344	37.5449	88.8946	-638.7	PPAB	9.00	2.09	1.05	0.232	1.985	8.568	1657.	40.	11.	758.7	29.2	1
1541	0	344	37.5449	88.8938	-641.5	PPAB	9.04	2.61	1.18	0.288	2.208	7.654	1697.	42.	12.	758.7	29.2	1
1542	0	360	37.5449	88.8931	-641.2	PPAB	8.78	1.92	1.06	0.219	1.806	8.260	1690.	37.	13.	758.7	29.2	1
1543	0	344	37.5449	88.8923	-643.5	PPAB	4.57	3.26	1.00	0.713	3.259	4.572	1503.	42.	8.	757.6	29.2	1
1544	0	376	37.5449	88.8917	-647.5	PPAB	6.21	2.36	0.90	0.380	2.613	6.885	1559.	38.	11.	756.6	29.2	1
1545	0	436	37.5449	88.8909	-649.2	PPAB	6.94	3.30	1.20	0.476	2.752	5.785	1658.	34.	9.	756.6	29.2	1
1546	0	432	37.5449	88.8902	-650.0	PPAB	6.71	2.58	1.21	0.385	2.127	5.523	1677.	39.	9.	758.7	29.1	1
1547	0	416	37.5449	88.8894	-652.2	PPAB	6.18	4.95	1.01	0.800	4.880	6.099	1622.	41.	7.	758.7	29.1	1
1548	0	416	37.5449	88.8887	-654.5	PPAB	7.76	1.94	1.35	0.251	1.443	5.754	1696.	44.	11.	758.7	29.1	1
1549	0	404	37.5449	88.8879	-655.2	PPAB	7.17	2.08	1.13	0.291	1.842	6.337	1660.	39.	9.	758.7	29.1	1
1550	10	400	37.5449	88.8872	-657.5	PPAB	7.75	1.40	1.19	0.0	0.0	6.509	1631.	38.	7.	758.7	29.1	1
1551	0	428	37.5449	88.8865	-659.2	PPAB	7.35	1.70	1.22	0.231	1.392	6.024	1663.	51.	11.	758.7	29.1	1
1552	0	452	37.5449	88.8857	-661.0	PPAB	6.60	2.00	1.09	0.303	1.839	6.060	1648.	48.	10.	758.7	29.1	1
1553	10	464	37.5449	88.8850	-662.7	PPAB	9.27	1.03	1.25	0.0	0.0	7.424	1679.	44.	12.	756.6	29.0	1
1554	10	448	37.5449	88.8843	-664.2	PPAB	6.16	1.41	1.16	0.0	0.0	5.290	1581.	39.	12.	756.6	29.0	1
1555	0	408	37.5449	88.8836	-667.0	PPAB	7.90	1.66	0.93	0.210	1.787	8.493	1500.	46.	11.	757.6	29.1	1
1556	0	352	37.5449	88.8829	-668.0	PPAB	7.12	1.35	0.95	0.190	1.418	7.470	1385.	46.	8.	757.6	29.1	1
1557	0	360	37.5449	88.8820	-667.7	PPAB	5.73	1.29	1.12	0.224	1.147	5.113	1389.	46.	7.	758.7	29.0	1
1558	0	340	37.5449	88.8813	-669.0	PPAB	6.32	1.77	1.02	0.280	1.736	6.197	1361.	35.	11.	758.7	29.0	1
1559	0	344	37.5449	88.8806	-670.2	PPAB	4.66	2.86	0.95	0.614	2.997	4.882	1430.	32.	7.	758.7	29.0	1
1560	0	368	37.5449	88.8799	-670.5	PPAB	7.79	1.54	1.10	0.198	1.398	7.054	1444.	41.	7.	758.7	29.0	1
1561	0	356	37.5449	88.8791	-670.7	PPAB	5.66	2.07	0.97	0.366	2.136	5.833	1472.	44.	8.	758.7	29.1	1
1562	0	340	37.5449	88.8784	-669.2	PPAB	6.96	1.92	1.09	0.276	1.751	6.353	1555.	45.	5.	758.7	29.1	1
1563	0	364	37.5449	88.8777	-666.2	PPAB	7.79	3.73	1.16	0.479	3.218	6.722	1669.	32.	1.	757.6	29.1	1
1564	0	352	37.5449	88.8769	-672.7	PPAB	8.34	3.21	1.20	0.385	2.681	6.972	1602.	45.	0.	757.1	29.1	1
1565	0	348	37.5449	88.8762	-685.5	PPAB	7.96	2.53	1.16	0.318	2.176	6.853	1652.	38.	2.	757.1	29.2	1
1566	0	348	37.5449	88.8755	-693.0	PPAB	5.40	3.77	1.10	0.697	3.413	4.896	1610.	37.	0.	757.1	29.2	1
1567	0	336	37.5449	88.8747	-694.5	PPAB	8.21	3.15	1.10	0.384	2.862	7.459	1590.	25.	2.	756.6	29.2	1
1568	0	328	37.5449	88.8740	-696.5	PPAB	6.40	2.69	0.90	0.421	2.999	7.130	1450.	43.	3.	756.6	29.3	1
1569	0	340	37.5449	88.8732	-696.7	PPAB	7.57	2.65	1.08	0.350	2.450	7.002	1432.	36.	3.	756.6	29.3	1
1570	0	352	37.5449	88.8725	-695.5	PPAB	7.38	2.67	0.98	0.361	2.715	7.511	1449.	40.	6.	756.6	29.3	1
1571	0	368	37.5449	88.8718	-696.7	PPAB	9.37	1.74	1.12	0.186	1.560	8.393	1625.	42.	10.	756.6	29.3	1
1572	0	368	37.5449	88.8710	-698.2	PPAB	8.58	2.41	1.08	0.281	2.226	7.931	1607.	31.	8.	757.6	29.2	1
1573	0	372	37.5449	88.8703	-700.5	PPAB	6.35	2.71	1.11	0.427	2.456	5.748	1650.	50.	8.	758.7	29.2	1
1574	0	364	37.5449	88.8696	-702.0	PPAB	7.17	2.78	1.14	0.388	2.434	6.275	1649.	44.	10.	758.7	29.1	1
1575	0	364	37.5449	88.8689	-700.7	PPAB	6.43	2.95	1.07	0.458	2.758	6.017	1639.	47.	9.	758.7	29.1	1
1576	0	376	37.5449	88.8681	-701.0	PPAB	6.75	1.90	1.19	0.281	1.592	5.669	1734.	42.	11.	758.7	29.0	1
1577	0	392	37.5449	88.8673	-703.7	PPAB	8.69	4.45	0.92	0.512	4.855	9.489	1660.	45.	4.	758.7	29.0	1
1578	0	392	37.5449	88.8666	-707.0	PPAB	6.10	3.34	1.25	0.547	2.667	4.876	1721.	53.	4.	758.7	29.0	1
1579	0	396	37.5449	88.8659	-708.7	PPAB	10.08	3.59	1.27	0.356	2.834	7.964	1773.	35.	1.	758.7	29.0	1
1580	0	404	37.5449	88.8652	-710.2	PPAB	8.81	3.53	1.03	0.401	3.442	8.582	1789.	39.	5.	758.7	29.0	1
1581	0	396	37.5449	88.8644	-712.7	PPAB	7.48	3.53	1.14	0.472	3.091	6.555	1733.	36.	3.	758.7	29.0	1
1582	0	388	37.5449	88.8637	-713.7	PPAB	9.11	2.59	1.24	0.284	2.080	7.322	1722.	36.	6.	758.7	29.0	1
1583	0	408	37.5449	88.8629	-714.5	PPAB	6.36	3.05	1.21	0.480	2.517	5.242	1707.	41.	9.	759.2	29.0	1
1584	10	424	37.5448	88.8622	-715.5	PPAB	9.85	0.84	1.45	0.0	0.0	6.801	1835.	41.	10.	759.7	29.0	1
1585	0	416	37.5448	88.8615	-716.5	PPAB	7.44	4.70	1.10	0.632	4.289	6.788	1711.	38.	4.	758.7	29.0	1
1586	0	396	37.5448	88.8608	-717.7	PPAB	7.41	2.13	1.30	0.287	1.637	5.703	1753.	34.	13.	758.7	29.0	1
1587	0	380	37.5448	88.8600	-720.0	PPAB	11.02	2.38	0.91	0.216	2.606	12.087	1748.	38.	9.	759.2	29.0	1
1588	0	364	37.5448	88.8592	-722.5	PPAB	8.68	1.81	1.47	0.208	1.233	5.919	1780.	41.	11.	759.2	29.0	1
1589	0	352	37.5448	88.8586	-723.0	PPAB	7.38	3.06	1.20	0.415	2.545	6.131	1769.	53.	11.	759.2	29.0	1
1590	0	352	37.5448	88.8578	-722.0	PPAB	6.36	2.25	1.27	0.353	1.764	4.991	1631.	39.	13.	759.2	29.0	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1591	0	376	37.5448	88.8571	-724.5	PPAB	4.21	4.48	0.92	1.063	4.864	4.578	1664.	46.	17.	759.2	29.0	1
1592	0	396	37.5449	88.8563	-726.5	PPAB	9.03	2.18	1.13	0.241	1.923	7.978	1752.	36.	18.	759.2	29.0	1
1593	0	344	37.5449	88.8556	-726.7	PPAB	8.15	1.63	0.94	0.200	1.738	8.681	1498.	38.	13.	758.7	29.0	1
1594	10	340	37.5448	88.8549	-729.2	PPAB	6.00	1.18	1.10	0.0	0.0	5.443	1494.	40.	15.	758.7	29.1	1
1595	0	360	37.5448	88.8541	-731.2	FPAB	5.18	2.06	1.20	0.397	1.714	4.318	1483.	36.	10.	758.7	29.0	1
1596	0	380	37.5448	88.8534	-730.7	PPAB	7.02	2.27	1.13	0.323	2.015	6.239	1514.	42.	11.	758.7	28.9	1
1597	0	396	37.5448	88.8526	-732.7	PPAB	6.44	3.72	1.12	0.578	3.309	5.726	1722.	41.	10.	757.6	29.1	1
1598	0	380	37.5448	88.8519	-733.7	PPAB	5.38	4.58	1.10	0.851	4.167	4.898	1793.	35.	7.	757.6	29.1	1
1599	0	372	37.5448	88.8512	-734.0	PPAB	8.96	3.01	1.07	0.336	2.814	8.382	1781.	42.	8.	757.6	29.1	1
1600	0	372	37.5448	88.8505	-736.0	PPAB	7.21	2.40	1.48	0.333	1.619	4.865	1748.	51.	7.	756.6	29.2	1
1601	0	360	37.5448	88.8497	-736.7	PPAB	8.43	1.76	1.18	0.209	1.492	7.141	1686.	38.	7.	757.6	29.3	1
1602	0	352	37.5448	88.8489	-737.0	PPAB	9.11	2.53	1.36	0.277	1.862	6.713	1779.	49.	8.	757.6	29.3	1
1603	10	348	37.5448	88.8482	-738.2	PPAB	7.09	1.32	1.30	0.0	0.0	5.454	1668.	37.	10.	757.6	29.3	1
1604	0	356	37.5448	88.8475	-742.0	PPAB	5.79	2.62	1.24	0.453	2.113	4.668	1654.	28.	12.	757.6	29.3	1
1605	0	364	37.5448	88.8468	-741.2	PPAB	6.32	2.94	1.00	0.466	2.944	6.322	1583.	38.	10.	756.6	29.3	1
1606	0	364	37.5448	88.8461	-740.0	PPAB	8.47	2.25	1.08	0.266	2.091	7.863	1683.	42.	9.	756.6	29.3	1
1607	0	356	37.5448	88.8453	-741.7	PPAB	5.73	4.48	1.15	0.782	3.892	4.975	1643.	53.	8.	758.7	29.2	1
1608	0	340	37.5448	88.8445	-746.0	PPAB	8.11	2.02	1.18	0.249	1.714	6.895	1640.	38.	7.	758.7	29.2	1
1609	0	340	37.5448	88.8438	-746.7	PPAB	5.28	2.90	1.36	0.550	2.137	3.887	1667.	40.	7.	757.1	29.2	1
1610	0	352	37.5448	88.8431	-746.7	PPAB	6.57	3.87	1.16	0.588	3.348	5.691	1677.	38.	3.	758.1	29.2	1
1611	10	372	37.5448	88.8424	-748.5	PPAB	8.32	1.38	1.34	0.0	0.0	6.214	1624.	48.	5.	759.2	29.2	1
1612	0	380	37.5448	88.8416	-750.5	PPAB	8.92	2.13	1.21	0.239	1.759	7.352	1689.	35.	4.	758.7	29.2	1
1613	0	384	37.5448	88.8409	-753.2	PPAB	8.80	1.50	1.45	0.171	1.037	6.069	1696.	46.	3.	758.7	29.2	1
1614	0	396	37.5448	88.8401	-754.2	PPAB	5.72	4.76	1.09	0.833	4.369	5.245	1693.	40.	4.	758.7	29.3	1
1615	0	408	37.5448	88.8394	-755.7	PPAB	5.51	3.14	1.18	0.570	2.660	4.669	1652.	47.	5.	758.7	29.4	1
1616	0	412	37.5448	88.8387	-755.2	PPAB	7.91	3.43	1.07	0.434	3.196	7.365	1757.	32.	6.	759.2	29.4	1
1617	0	408	37.5448	88.8379	-756.7	PPAB	8.01	4.38	1.24	0.547	3.544	6.479	1664.	49.	2.	758.1	29.3	1
1618	0	396	37.5448	88.8372	-757.5	PPAB	9.30	1.59	1.19	0.171	1.339	7.835	1674.	35.	7.	757.1	29.3	1
1619	0	388	37.5448	88.8365	-758.5	PPAB	6.10	1.77	1.58	0.290	1.115	3.848	1640.	41.	7.	757.1	29.3	1
1620	0	392	37.5448	88.8357	-761.0	PPAB	8.33	2.46	0.95	0.295	2.580	8.752	1667.	41.	8.	758.1	29.3	1
1621	0	404	37.5448	88.8349	-761.7	PPAB	8.08	3.15	1.22	0.390	2.584	6.631	1710.	39.	9.	758.1	29.2	1
1622	0	416	37.5448	88.8342	-763.0	PPAB	8.10	2.34	1.37	0.289	1.705	5.896	1710.	41.	9.	756.6	29.2	1
1623	0	416	37.5448	88.8335	-764.7	PPAB	7.90	2.52	1.15	0.319	2.188	6.869	1676.	50.	5.	755.5	29.2	1
1624	0	416	37.5448	88.8328	-765.5	PPAB	9.71	1.99	1.06	0.205	1.879	9.169	1728.	44.	8.	756.6	29.2	1
1625	0	408	37.5447	88.8320	-765.2	PPAB	10.24	2.13	1.16	0.208	1.836	8.827	1793.	33.	6.	756.6	29.2	1
1626	0	396	37.5447	88.8313	-765.2	PPAB	7.93	4.08	1.16	0.514	3.522	6.855	1779.	44.	6.	756.6	29.2	1
1627	0	400	37.5447	88.8306	-766.2	PPAB	8.11	3.46	1.30	0.426	2.659	6.237	1802.	41.	7.	757.6	29.2	1
1628	0	400	37.5447	88.8297	-767.5	PPAB	8.68	2.71	1.32	0.312	2.049	6.566	1819.	36.	9.	757.6	29.3	1
1629	0	396	37.5447	88.8290	-769.0	PPAB	7.04	2.82	1.13	0.401	2.503	6.244	1739.	29.	9.	757.6	29.2	1
1630	0	408	37.5447	88.8283	-769.5	PPAB	10.01	1.71	1.34	0.171	1.282	7.486	1709.	38.	8.	758.1	29.2	1
1631	0	420	37.5447	88.8276	-771.5	PPAB	8.02	2.30	1.50	0.287	1.537	5.358	1778.	35.	8.	758.1	29.2	1
1632	0	424	37.5447	88.8269	-773.5	PPAB	8.74	3.64	1.27	0.417	2.879	6.908	1757.	36.	2.	758.1	29.3	1
1633	10	428	37.5447	88.8261	-772.7	PPAB	9.40	1.08	1.15	0.0	0.0	8.184	1746.	29.	8.	758.7	29.2	1
1634	0	436	37.5447	88.8254	-772.5	PPAB	5.55	2.39	1.12	0.430	2.134	4.965	1527.	39.	8.	758.7	29.2	1
1635	10	440	37.5447	88.8247	-774.7	PPAB	6.02	0.81	1.44	0.0	0.0	4.168	1663.	40.	7.	758.7	29.2	1
1636	0	440	37.5447	88.8240	-774.7	PPAB	6.85	2.18	1.00	0.318	2.181	6.858	1539.	39.	6.	758.7	29.1	1
1637	0	464	37.5447	88.8231	-776.0	PPAB	7.40	2.74	0.79	0.370	3.458	9.334	1533.	31.	8.	758.7	29.1	1
1638	0	448	37.5447	88.8224	-777.2	PPAB	6.06	4.35	0.67	0.718	6.506	9.062	1380.	33.	9.	758.7	29.2	1
1639	0	464	37.5447	88.8217	-777.7	PPAB	5.64	3.66	0.81	0.649	4.495	6.923	1355.	35.	7.	758.7	29.1	1
1640	10	468	37.5447	88.8209	-779.0	QAL	6.05	1.19	0.69	0.0	0.0	8.745	1212.	47.	10.	758.1	29.1	1
1641	10	484	37.5447	88.8202	-780.0	QAL	5.38	1.04	0.94	0.0	0.0	5.732	1313.	34.	9.	757.1	29.1	1
1642	0	496	37.5447	88.8195	-779.2	QAL	5.03	2.56	0.93	0.509	2.756	5.420	1284.	33.	13.	757.1	29.0	1
1643	0	452	37.5446	88.8188	-779.7	QAL	5.25	2.06	0.59	0.393	3.492	8.891	1169.	45.	8.	758.1	29.1	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1644	0	404	37.5446	88.8180	-782.0	QAL	5.29	2.59	0.72	0.490	3.613	7.381	1280.	36.	3.	758.7	29.2	1
1645	0	416	37.5446	88.8172	-782.2	QAL	5.45	2.40	0.86	0.440	2.795	6.354	1326.	47.	9.	758.7	29.1	1
1646	0	420	37.5446	88.8165	-782.5	QAL	6.07	1.98	0.65	0.326	3.029	9.287	1269.	43.	7.	758.7	29.0	1
1647	10	424	37.5446	88.8158	-783.7	QAL	6.73	1.18	0.91	0.0	0.0	7.399	1358.	32.	4.	758.7	29.0	1
1648	0	396	37.5446	88.8150	-785.0	QAL	6.69	1.97	0.82	0.294	2.397	8.156	1242.	42.	6.	758.7	29.0	1
1649	10	388	37.5446	88.8143	-784.2	QAL	6.60	0.92	0.83	0.0	0.0	7.968	1296.	45.	10.	758.7	29.1	1
1650	0	408	37.5446	88.8136	-786.0	QAL	6.43	2.39	0.94	0.372	2.542	6.834	1424.	30.	10.	757.6	29.1	1
1651	0	416	37.5446	88.8128	-786.2	QAL	4.87	3.14	1.09	0.644	2.892	4.490	1393.	43.	12.	757.6	29.2	1
1652	10	416	37.5446	88.8121	-787.5	QAL	5.56	1.39	0.78	0.0	0.0	7.121	1257.	36.	12.	756.6	29.3	1
1653	0	444	37.5446	88.8114	-787.5	QAL	2.68	3.64	0.70	1.358	5.186	3.820	1172.	47.	11.	755.5	29.3	1
1654	0	484	37.5446	88.8106	-789.2	QAL	6.06	2.36	0.78	0.390	3.046	7.808	1397.	34.	11.	755.5	29.4	1
1655	10	560	37.5446	88.8099	-791.0	PPAB	7.01	1.63	0.74	0.0	0.0	9.441	1377.	39.	15.	756.6	29.4	1
1656	10	504	37.5446	88.8092	-791.0	PPAB	5.68	-0.25	1.09	0.0	0.0	5.222	1362.	39.	13.	758.1	29.4	1
1657	0	464	37.5446	88.8084	-792.0	PPAB	6.71	2.48	0.92	0.369	2.706	7.335	1289.	33.	7.	758.1	29.4	1
1658	10	476	37.5446	88.8076	-792.0	PPAB	5.58	0.17	1.12	0.0	0.0	4.987	1375.	38.	13.	757.1	29.3	1
1659	0	472	37.5446	88.8069	-792.7	PPAB	4.34	1.93	0.95	0.444	2.025	4.560	1334.	36.	11.	758.1	29.3	1
1660	0	448	37.5446	88.8062	-794.0	PPAB	5.24	2.54	0.84	0.485	3.028	6.237	1292.	47.	14.	759.2	29.4	1
1661	0	440	37.5446	88.8055	-792.7	PPAB	4.71	1.57	0.82	0.333	1.916	5.750	1238.	51.	12.	758.7	29.4	1
1662	0	432	37.5446	88.8047	-794.0	PPAB	4.40	3.23	0.99	0.734	3.255	4.436	1350.	29.	10.	757.6	29.3	1
1663	10	416	37.5446	88.8039	-797.2	PPAB	7.81	1.16	1.34	0.0	0.0	5.852	1474.	44.	10.	756.6	29.3	1
1664	0	428	37.5446	88.8032	-797.2	PPAB	6.87	2.19	0.97	0.320	2.259	7.065	1519.	43.	8.	756.1	29.4	1
1665	0	440	37.5446	88.8025	-795.0	PPAB	7.68	4.87	1.05	0.634	4.632	7.303	1651.	47.	4.	756.1	29.4	1
1666	0	444	37.5446	88.8017	-796.7	PPAB	6.03	2.23	1.57	0.370	1.423	3.845	1795.	27.	9.	756.1	29.4	1
1667	0	448	37.5446	88.8010	-798.7	PPAB	8.49	3.21	1.47	0.378	2.187	5.793	1724.	35.	7.	757.1	29.4	1
1668	0	456	37.5446	88.8003	-798.5	PPAB	6.19	3.30	1.42	0.534	2.335	4.375	1719.	50.	10.	757.1	29.3	1
1669	10	456	37.5446	88.7996	-799.0	PPAB	8.07	1.64	1.00	0.0	0.0	8.058	1654.	43.	9.	757.6	29.2	1
1670	0	456	37.5446	88.7988	-798.7	PPAB	7.21	2.57	1.11	0.357	2.330	6.524	1631.	31.	6.	758.7	29.2	1
1671	0	432	37.5445	88.7980	-799.2	PPAB	6.99	2.19	0.68	0.313	3.203	10.246	1409.	40.	10.	758.7	29.2	1
1672	10	444	37.5445	88.7973	-801.0	PPAB	8.66	0.81	0.85	0.0	0.0	10.139	1380.	46.	9.	758.7	29.2	1
1673	0	460	37.5445	88.7966	-800.5	PPAB	5.54	2.17	0.80	0.391	2.711	6.927	1376.	43.	9.	757.6	29.1	1
1674	0	440	37.5445	88.7958	-800.5	QAL	5.61	2.59	0.87	0.462	2.963	6.421	1328.	36.	4.	756.6	29.1	1
1675	10	436	37.5445	88.7951	-801.2	QAL	5.93	0.91	0.70	0.0	0.0	8.447	1194.	46.	8.	756.6	29.1	1
1676	0	460	37.5445	88.7944	-802.5	QAL	5.85	3.43	0.65	0.587	5.314	9.053	1197.	46.	5.	757.6	29.1	1
1677	0	472	37.5445	88.7936	-803.0	QAL	4.65	1.77	0.65	0.381	2.706	7.102	1166.	31.	8.	757.6	29.1	1
1678	0	424	37.5445	88.7929	-803.7	PPAB	4.82	1.86	0.72	0.386	2.574	6.671	1025.	48.	4.	758.7	29.1	1
1679	10	424	37.5445	88.7922	-804.7	PPAB	4.65	1.13	0.72	0.0	0.0	6.504	1120.	36.	8.	758.7	29.1	1
1680	0	468	37.5445	88.7914	-805.0	PPAB	7.91	2.65	0.82	0.335	3.229	9.632	1325.	34.	3.	758.7	29.2	1
1681	0	452	37.5445	88.7907	-804.2	PPAB	5.55	4.03	1.03	0.727	3.906	5.373	1525.	43.	1.	758.7	29.3	1
1682	0	440	37.5445	88.7900	-804.2	PPAB	5.27	3.24	1.18	0.614	2.754	4.482	1617.	39.	1.	758.7	29.3	1
1683	0	436	37.5445	88.7892	-804.0	PPAB	9.06	4.02	1.10	0.443	3.667	8.268	1712.	35.	2.	758.7	29.2	1
1684	0	436	37.5445	88.7884	-804.2	PPAB	9.76	3.74	1.38	0.383	2.704	7.062	1711.	31.	3.	757.6	29.3	1
1685	0	440	37.5445	88.7877	-805.7	PPAB	10.10	2.80	1.19	0.277	2.342	8.457	1658.	50.	8.	757.6	29.2	1
1686	0	448	37.5445	88.7870	-805.2	PPAB	9.17	2.18	1.31	0.238	1.661	6.975	1754.	35.	11.	756.6	29.2	1
1687	0	460	37.5445	88.7862	-807.7	PPAB	7.79	2.05	0.90	0.263	2.273	8.642	1748.	47.	14.	756.6	29.2	1
1688	10	472	37.5445	88.7855	-810.5	PPAB	9.18	1.59	1.40	0.0	0.0	6.573	1779.	38.	15.	757.6	29.2	1
1689	0	464	37.5445	88.7848	-809.7	PPAB	8.48	2.93	1.29	0.345	2.270	6.574	1744.	29.	17.	758.7	29.1	1
1690	0	464	37.5445	88.7841	-808.2	PPAB	8.89	2.05	1.04	0.230	1.965	8.541	1683.	36.	14.	757.6	29.0	1
1691	10	476	37.5445	88.7832	-811.0	PPAB	6.80	1.57	0.90	0.0	0.0	7.524	1521.	44.	15.	758.7	28.9	1
1692	10	500	37.5445	88.7825	-810.2	PPAB	6.23	1.21	1.39	0.0	0.0	4.491	1703.	26.	13.	758.7	28.9	1
1693	10	472	37.5445	88.7818	-810.0	PPAB	7.63	1.52	1.47	0.0	0.0	5.181	1727.	36.	12.	757.6	28.9	1
1694	10	468	37.5445	88.7811	-810.2	PPAB	6.75	1.22	1.32	0.0	0.0	5.116	1641.	43.	16.	758.1	29.0	1
1695	10	464	37.5445	88.7803	-811.5	PPAB	10.52	1.52	1.19	0.0	0.0	8.860	1723.	53.	10.	758.1	29.0	1
1696	0	456	37.5444	88.7796	-811.5	PPAB	6.48	3.12	1.25	0.482	2.493	5.171	1690.	31.	10.	757.1	29.1	1

* ID	TAGS QUAL	ALT	LAT	* LOCATION LONG	MAG	* RK.UNIT	TH	U	K	U/TH	REDUCED DATA U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
1697	0	452	37.5444	88.7789	-813.0	PPAB	8.68	2.03	1.10	0.234	1.854	7.918	1685.	52.	11.	756.6	29.1	1
1698	0	456	37.5444	88.7782	-812.0	PPAB	8.83	3.14	1.15	0.356	2.730	7.679	1631.	32.	6.	756.6	29.1	1
1699	10	472	37.5444	88.7774	-811.5	PPAB	8.83	1.08	1.34	0.0	0.0	6.568	1697.	42.	11.	757.1	29.0	1
1700	0	480	37.5444	88.7766	-814.0	PPAB	8.77	2.39	1.00	0.273	2.386	8.744	1767.	39.	11.	757.1	29.0	1
1701	111	464	37.5444	88.7759	-810.2	PPAB	7.00	3.20	1.11	0.0	0.0	0.0	1922.	47.	11.	758.7	29.0	1
1702	0	452	37.5444	88.7752	-811.2	PPAB	8.34	3.79	1.04	0.454	3.631	7.996	1699.	50.	12.	758.7	28.9	1
1703	0	444	37.5444	88.7745	-812.7	PPAB	6.49	2.68	1.16	0.413	2.300	5.576	1658.	39.	15.	758.7	28.9	1
1704	10	444	37.5444	88.7737	-813.5	PPAB	10.98	1.46	0.99	0.0	0.0	11.085	1594.	49.	13.	758.7	29.0	1
1705	10	456	37.5444	88.7730	-813.0	PPAB	8.46	0.36	1.22	0.0	0.0	6.908	1642.	43.	15.	758.7	29.0	1
1706	10	460	37.5444	88.7722	-812.2	PPAB	9.19	1.19	1.21	0.0	0.0	7.594	1612.	45.	13.	757.6	28.9	1
1707	0	440	37.5444	88.7715	-812.7	PPAB	7.99	3.43	0.83	0.429	4.142	9.656	1624.	43.	10.	756.6	28.9	1
1708	0	428	37.5444	88.7707	-812.7	PPAB	6.13	3.42	0.82	0.558	4.152	7.439	1553.	40.	6.	756.6	28.9	1
1709	0	436	37.5444	88.7700	-813.2	PPAB	5.14	3.17	1.03	0.617	3.089	5.004	1505.	61.	9.	757.1	29.0	1
1710	0	408	37.5444	88.7692	-813.0	PPAB	5.05	2.78	1.07	0.552	2.606	4.726	1513.	42.	7.	758.1	29.0	1
1711	0	420	37.5444	88.7686	-813.5	PPAB	7.47	3.20	0.97	0.428	3.297	7.707	1506.	51.	3.	759.2	29.0	1
1712	0	444	37.5444	88.7678	-816.0	PPAB	6.96	2.09	1.01	0.300	2.060	6.860	1552.	43.	6.	758.1	29.0	1
1713	0	428	37.5444	88.7670	-814.0	PPAB	6.09	3.66	0.92	0.601	3.993	6.648	1466.	48.	3.	756.6	29.0	1
1714	0	392	37.5443	88.7663	-814.7	PPAB	6.43	3.25	0.99	0.505	3.275	6.486	1557.	27.	7.	756.6	29.1	1
1715	0	404	37.5443	88.7656	-815.7	PPAB	6.64	2.25	1.08	0.339	2.084	6.153	1567.	43.	4.	757.6	29.1	1
1716	10	380	37.5443	88.7648	-815.0	PPAB	8.01	0.84	1.13	0.0	0.0	7.112	1591.	35.	9.	758.7	29.1	1
1717	0	364	37.5443	88.7641	-814.2	PPAB	4.78	2.70	0.96	0.564	2.814	4.989	1392.	57.	10.	758.7	29.1	1
1718	0	352	37.5443	88.7634	-814.5	PPAB	7.13	2.30	0.87	0.322	2.647	8.208	1468.	41.	8.	758.7	29.1	1
1719	0	372	37.5443	88.7626	-815.7	PPAB	7.30	3.36	0.80	0.461	4.190	9.095	1542.	36.	6.	757.6	29.1	1
1720	0	392	37.5443	88.7618	-816.7	PPAB	7.26	2.99	1.20	0.411	2.496	6.067	1529.	42.	9.	756.6	29.2	1
1721	0	364	37.5443	88.7611	-816.7	PPAB	6.38	2.79	1.12	0.437	2.497	5.712	1527.	38.	9.	757.1	29.2	1
1722	0	388	37.5443	88.7604	-815.5	PPAB	6.65	3.78	1.09	0.569	3.456	6.076	1683.	47.	8.	758.1	29.2	1
1723	0	380	37.5443	88.7597	-815.2	PPAB	9.07	1.82	0.87	0.200	2.082	10.398	1624.	34.	7.	758.1	29.2	1
1724	0	372	37.5443	88.7590	-814.0	PPAB	5.85	3.59	1.30	0.613	2.750	4.484	1659.	45.	6.	758.1	29.2	1
1725	0	364	37.5443	88.7582	-814.0	PPAB	6.76	3.31	1.17	0.490	2.834	5.788	1748.	37.	8.	758.1	29.2	1
1726	0	360	37.5443	88.7575	-816.5	PPAB	9.63	3.76	1.20	0.390	3.132	8.022	1764.	24.	5.	757.6	29.2	1
1727	10	364	37.5443	88.7567	-816.7	PPAB	9.22	1.22	1.25	0.0	0.0	7.394	1699.	37.	8.	756.6	29.2	1
1728	10	372	37.5443	88.7560	-815.0	PPAB	9.95	1.34	1.28	0.0	0.0	7.768	1669.	41.	8.	756.6	29.1	1
1729	0	352	37.5443	88.7552	-815.2	PPAB	7.57	4.79	0.91	0.633	5.261	8.311	1714.	43.	6.	757.6	29.1	1
1730	0	348	37.5443	88.7545	-816.0	PPAB	7.82	1.99	1.32	0.255	1.503	5.902	1697.	38.	11.	758.7	29.0	1
1731	0	348	37.5443	88.7538	-815.2	PPAB	5.90	2.08	1.25	0.352	1.664	4.730	1677.	35.	10.	758.7	29.0	1
1732	0	344	37.5443	88.7530	-815.2	PPAB	10.02	2.00	1.18	0.200	1.705	8.527	1760.	50.	10.	757.6	29.0	1
1733	0	356	37.5443	88.7523	-814.5	PPAB	8.04	2.41	1.04	0.300	2.316	7.716	1700.	39.	7.	757.1	28.9	1
1734	0	364	37.5443	88.7515	-815.0	PPAB	8.81	2.84	1.02	0.323	2.800	8.674	1718.	44.	7.	757.1	29.0	1
1735	0	368	37.5443	88.7509	-815.5	PPAB	9.76	2.80	0.97	0.287	2.876	10.015	1661.	35.	7.	757.6	29.1	1
1736	0	384	37.5443	88.7501	-814.7	PPAB	9.05	1.53	1.14	0.170	1.341	7.914	1705.	27.	8.	758.7	29.1	1
1737	0	388	37.5443	88.7493	-814.5	PPAB	6.96	2.27	1.17	0.326	1.943	5.964	1666.	44.	9.	757.1	29.1	1
1738	10	408	37.5443	88.7486	-814.7	PPAB	8.22	0.79	1.20	0.0	0.0	6.852	1615.	42.	10.	756.1	29.1	1
1739	0	408	37.5442	88.7478	-814.5	PPAB	7.63	2.37	1.48	0.311	1.608	5.168	1738.	44.	11.	758.1	29.1	1
1740	0	376	37.5442	88.7471	-814.5	PPAB	4.66	2.59	1.19	0.557	2.185	3.923	1521.	47.	10.	759.2	29.1	1
1741	10	408	37.5442	88.7464	-814.0	PPAB	6.89	0.94	1.04	0.0	0.0	6.619	1599.	42.	13.	757.1	29.0	1
1742	0	408	37.5442	88.7456	-813.7	PPAB	6.54	2.65	1.13	0.406	2.350	5.787	1593.	38.	13.	756.6	29.0	1
1743	0	376	37.5442	88.7449	-816.0	PPAB	4.67	2.23	1.16	0.478	1.923	4.023	1556.	40.	14.	757.6	28.9	1
1744	0	368	37.5442	88.7442	-815.0	PPAB	7.60	2.11	1.07	0.277	1.975	7.126	1563.	46.	15.	758.7	28.9	1
1745	10	400	37.5442	88.7435	-814.5	PPAB	6.40	1.63	1.21	0.0	0.0	5.272	1667.	43.	19.	758.7	28.9	1
1746	0	396	37.5442	88.7427	-815.2	PPAB	6.70	3.92	0.96	0.586	4.101	6.997	1692.	46.	18.	756.6	28.9	1
1747	0	392	37.5442	88.7419	-814.0	PPAB	6.45	3.53	0.88	0.546	3.989	7.302	1671.	36.	16.	756.6	28.9	1
1748	0	384	37.5442	88.7412	-814.7	PPAB	9.58	2.21	1.11	0.231	1.991	8.626	1798.	41.	17.	757.6	29.0	1
1749	0	372	37.5442	88.7405	-815.5	PPAB	9.04	2.80	1.24	0.310	2.257	7.272	1836.	30.	18.	758.7	29.0	1

CP9 1P12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1750	10	360	37.5442	88.7397	-814.0	PPAB	8.01	0.96	1.45	0.0	0.0	5.527	1727.	43.	18.	758.7	29.0	1
1751	0	356	37.5442	88.7390	-813.2	PPAB	8.26	3.38	0.96	0.409	3.530	8.623	1755.	45.	12.	756.6	28.9	1
1752	0	356	37.5442	88.7383	-814.2	PPAB	7.30	2.64	1.15	0.362	2.300	6.352	1676.	47.	11.	756.6	28.9	1
1753	0	352	37.5442	88.7375	-812.5	PPAB	7.27	2.58	1.02	0.355	2.538	7.147	1647.	35.	7.	758.7	28.8	1
1754	0	356	37.5442	88.7367	-812.0	PPAB	7.06	1.95	1.12	0.277	1.746	6.308	1662.	48.	8.	758.1	28.8	1
1755	0	352	37.5442	88.7360	-813.2	PPAB	8.40	2.90	1.06	0.345	2.731	7.921	1671.	46.	5.	756.1	28.8	1
1756	0	336	37.5442	88.7353	-813.7	PPAB	6.56	1.76	1.33	0.268	1.320	4.920	1608.	40.	7.	756.6	28.8	1
1757	0	316	37.5442	88.7346	-813.7	PPAB	7.13	2.48	0.90	0.349	2.748	7.882	1535.	46.	6.	758.7	28.9	1
1758	0	336	37.5442	88.7338	-814.2	PPAB	7.32	4.69	1.16	0.642	4.044	6.303	1719.	42.	4.	757.6	28.9	1
1759	0	336	37.5442	88.7331	-813.2	PPAB	10.48	2.35	1.22	0.224	1.926	8.581	1730.	48.	4.	756.6	28.9	1
1760	0	332	37.5442	88.7324	-813.7	PPAB	9.41	3.09	1.34	0.328	2.303	7.026	1751.	37.	6.	758.7	28.9	1
1761	0	340	37.5442	88.7317	-813.2	PPAB	8.84	1.89	1.10	0.214	1.714	8.014	1660.	43.	8.	758.7	28.9	1
1762	0	348	37.5442	88.7309	-811.7	PPAB	6.51	4.20	0.89	0.645	4.746	7.355	1656.	50.	7.	756.6	28.9	1
1763	0	356	37.5442	88.7301	-811.0	PPAB	10.11	1.95	1.21	0.192	1.612	8.379	1707.	31.	7.	757.6	28.8	1
1764	0	376	37.5442	88.7294	-811.5	PPAB	9.82	3.03	0.89	0.308	3.414	11.073	1742.	33.	10.	758.7	28.8	1
1765	10	388	37.5442	88.7287	-810.7	PPAB	8.77	1.23	1.28	0.0	0.0	6.863	1755.	37.	10.	756.6	28.8	1
1766	0	400	37.5442	88.7279	-810.2	PPAB	9.98	2.82	1.10	0.282	2.552	9.044	1797.	44.	7.	756.6	28.8	1
1767	0	404	37.5441	88.7272	-810.7	PPAB	7.19	4.30	1.04	0.598	4.118	6.887	1755.	40.	11.	757.6	28.8	1
1768	10	408	37.5441	88.7265	-810.5	PPAB	9.69	1.48	1.17	0.0	0.0	8.255	1808.	34.	10.	756.6	28.8	1
1769	0	416	37.5441	88.7257	-809.5	PPAB	11.14	2.92	1.12	0.262	2.607	9.939	1847.	35.	7.	755.5	28.8	1
1770	10	424	37.5441	88.7250	-809.0	PPAB	10.08	1.01	1.17	0.0	0.0	8.624	1705.	31.	9.	757.6	28.8	1
1771	0	432	37.5441	88.7242	-808.7	PPAB	8.92	2.92	1.09	0.327	2.687	8.211	1763.	39.	8.	757.6	28.8	1
1772	0	416	37.5441	88.7235	-808.2	PPAB	7.20	3.06	1.09	0.425	2.804	6.605	1586.	47.	8.	755.5	28.8	1
1773	10	400	37.5441	88.7228	-807.2	PPAB	7.08	1.18	1.13	0.0	0.0	6.256	1577.	52.	6.	757.6	28.8	1
1774	0	424	37.5441	88.7220	-808.0	PPAB	10.89	2.07	1.17	0.190	1.772	9.331	1622.	30.	9.	758.7	28.8	1
1775	0	420	37.5441	88.7213	-808.0	PPAB	9.46	2.95	0.79	0.312	3.726	11.957	1726.	35.	7.	755.5	28.7	1
1776	0	416	37.5441	88.7205	-806.2	PPAB	8.76	2.39	1.30	0.273	1.840	6.736	1818.	38.	10.	756.6	28.7	1
1777	0	404	37.5441	88.7198	-806.2	PPAB	9.39	2.54	1.51	0.270	1.682	6.223	1801.	35.	3.	758.7	28.7	1
1778	0	380	37.5441	88.7191	-805.7	PPAB	7.15	4.33	1.38	0.605	3.128	5.167	1741.	37.	3.	756.6	28.6	1
1779	0	372	37.5441	88.7183	-804.7	PPAB	7.02	3.90	1.19	0.555	3.271	5.891	1730.	34.	4.	755.5	28.6	1
1780	10	392	37.5441	88.7176	-804.7	PPAB	8.37	1.27	1.10	0.0	0.0	7.611	1671.	30.	8.	758.7	28.6	1
1781	0	416	37.5441	88.7169	-805.0	PPAB	7.23	3.68	1.10	0.509	3.336	6.557	1672.	45.	7.	758.1	28.6	1
1782	0	396	37.5441	88.7162	-803.7	PPAB	7.29	1.88	1.02	0.258	1.836	7.124	1621.	42.	7.	756.1	28.6	1
1783	0	396	37.5441	88.7153	-803.0	PPAB	7.23	3.87	1.27	0.535	3.043	5.686	1710.	41.	3.	758.1	28.6	1
1784	0	384	37.5440	88.7146	-802.0	PPAB	6.80	3.27	1.13	0.481	2.907	6.037	1662.	36.	7.	758.1	28.6	1
1785	10	368	37.5440	88.7139	-802.5	PPAB	8.05	0.85	1.46	0.0	0.0	5.529	1590.	55.	5.	755.5	28.6	1
1786	0	356	37.5440	88.7132	-802.5	PPAB	7.11	2.84	1.28	0.399	2.222	5.566	1708.	45.	6.	756.6	28.6	1
1787	0	348	37.5440	88.7124	-801.5	PPAB	7.59	3.88	1.27	0.511	3.056	5.980	1706.	49.	1.	758.7	28.6	1
1788	0	348	37.5440	88.7117	-800.2	PPAB	6.57	2.04	1.36	0.311	1.500	4.824	1685.	51.	8.	757.6	28.7	1
1789	0	360	37.5440	88.7110	-799.2	PPAB	8.82	2.34	1.20	0.265	1.954	7.372	1715.	45.	2.	756.6	28.6	1
1790	0	356	37.5440	88.7102	-797.7	PPAB	6.58	4.10	1.25	0.624	3.275	5.248	1793.	41.	1.	758.7	28.6	1
1791	0	360	37.5440	88.7095	-798.0	PPAB	7.85	2.84	1.14	0.362	2.498	6.907	1704.	45.	1.	757.6	28.6	1
1792	0	360	37.5440	88.7087	-798.5	PPAB	8.46	3.95	1.09	0.467	3.623	7.766	1716.	51.	0.	756.6	28.8	1
1793	10	356	37.5440	88.7080	-797.5	PPAB	9.16	1.35	1.27	0.0	0.0	7.225	1624.	40.	3.	758.7	28.8	1
1794	0	336	37.5440	88.7073	-797.0	PPAB	7.82	1.50	1.04	0.192	1.449	7.546	1531.	29.	3.	758.7	28.8	1
1795	0	324	37.5440	88.7065	-795.2	PPAB	5.66	1.46	1.05	0.257	1.389	5.407	1372.	36.	9.	756.6	28.8	1
1796	10	356	37.5440	88.7058	-794.7	PPAB	6.32	0.49	0.84	0.0	0.0	7.551	1306.	37.	14.	758.7	28.8	1
1797	0	372	37.5440	88.7050	-794.5	PPAB	4.84	3.29	0.71	0.679	4.628	6.814	1264.	42.	12.	758.7	28.6	1
1798	10	384	37.5440	88.7043	-794.5	PPAB	7.39	0.37	0.80	0.0	0.0	9.209	1276.	39.	14.	756.6	28.6	1
1799	10	376	37.5440	88.7036	-794.2	PPAB	6.05	1.42	0.75	0.0	0.0	8.095	1185.	48.	16.	757.6	28.6	1
1800	10	372	37.5440	88.7028	-793.2	PPAB	6.37	0.47	0.87	0.0	0.0	7.316	1209.	36.	11.	758.7	28.5	1
1801	10	392	37.5440	88.7021	-792.0	PPAB	6.94	0.98	0.79	0.0	0.0	8.826	1224.	42.	11.	757.6	28.5	1
1802	10	420	37.5439	88.7013	-791.7	PPAB	3.65	1.20	0.76	0.0	0.0	4.819	1210.	42.	15.	757.6	28.5	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1803	10	448	37.5439	88.7006	-792.5	PPAB	5.50	0.97	0.88	0.0	0.0	6.237	1277.	36.	14.	758.7	28.5	1
1804	0	488	37.5439	88.6999	-793.0	PPAB	5.29	3.03	0.92	0.573	3.309	5.779	1405.	34.	11.	757.1	28.5	1
1805	0	468	37.5439	88.6992	-791.2	PPAB	5.57	2.62	0.75	0.471	3.482	7.393	1341.	47.	13.	756.1	28.5	1
1806	0	488	37.5439	88.6984	-791.7	PPAB	7.29	2.04	0.70	0.280	2.913	10.414	1389.	43.	12.	758.1	28.5	1
1807	0	484	37.5439	88.6977	-790.7	PPAB	6.43	2.67	0.57	0.415	4.708	11.342	1404.	35.	14.	758.7	28.5	1
1808	0	452	37.5439	88.6969	-789.0	PPAB	5.57	1.69	0.83	0.303	2.040	6.723	1349.	46.	12.	756.6	28.5	1
1809	0	452	37.5439	88.6962	-788.2	PPAB	5.60	3.93	0.88	0.702	4.463	6.354	1434.	46.	12.	757.6	28.5	1
1810	10	440	37.5439	88.6954	-787.2	PPAB	11.07	1.79	0.90	0.0	0.0	12.292	1464.	42.	12.	759.2	28.5	1
1811	10	412	37.5439	88.6947	-787.0	PPAB	6.53	0.16	1.02	0.0	0.0	6.407	1410.	48.	17.	757.1	28.5	1
1812	10	384	37.5439	88.6940	-784.7	PPAB	7.86	1.31	1.02	0.0	0.0	7.727	1483.	48.	12.	757.1	28.5	1
1813	10	376	37.5439	88.6932	-785.0	PPAB	6.38	1.15	0.85	0.0	0.0	7.482	1394.	52.	17.	758.1	28.5	1
1814	0	376	37.5439	88.6925	-782.5	PPAB	4.62	1.53	1.09	0.331	1.406	4.243	1557.	30.	15.	758.1	28.5	1
1815	0	352	37.5439	88.6918	-782.0	PPAB	9.00	3.10	0.83	0.344	3.724	10.812	1507.	37.	13.	758.7	28.5	1
1816	0	344	37.5439	88.6911	-781.7	PPAB	5.88	1.50	0.95	0.255	1.573	6.168	1403.	43.	13.	758.7	28.5	1
1817	0	356	37.5439	88.6902	-781.7	PPAB	6.47	1.76	0.74	0.272	2.368	8.717	1349.	45.	11.	756.6	28.5	1
1818	0	380	37.5439	88.6895	-780.7	PPAB	5.52	2.11	0.77	0.382	2.752	7.197	1318.	50.	9.	757.1	28.6	1
1819	0	420	37.5439	88.6888	-780.2	PPAB	6.09	2.67	0.80	0.438	3.318	7.573	1460.	45.	12.	759.2	28.6	1
1820	0	356	37.5439	88.6881	-778.5	PPAB	6.23	3.34	0.84	0.537	3.961	7.379	1345.	38.	8.	757.1	28.7	1
1821	10	356	37.5439	88.6873	-778.0	PPAB	6.93	0.51	0.96	0.0	0.0	7.245	1415.	47.	12.	756.6	28.8	1
1822	10	352	37.5439	88.6866	-779.0	PPAB	8.50	1.27	1.06	0.0	0.0	8.006	1555.	29.	13.	758.7	28.8	1
1823	0	348	37.5439	88.6859	-777.7	PPAB	8.10	2.46	0.86	0.303	2.843	9.370	1505.	36.	8.	758.7	28.7	1
1824	0	332	37.5439	88.6852	-776.5	PPAB	7.02	1.58	1.18	0.225	1.339	5.957	1442.	36.	10.	758.1	28.6	1
1825	10	316	37.5438	88.6844	-776.5	PPAB	5.54	1.09	0.96	0.0	0.0	5.767	1288.	41.	10.	758.1	28.5	1
1826	0	320	37.5438	88.6836	-775.7	PPAB	6.30	2.65	0.90	0.420	2.931	6.977	1261.	35.	7.	757.6	28.5	1
1827	0	352	37.5438	88.6829	-774.2	PPAB	5.30	1.42	0.80	0.268	1.775	6.620	1175.	49.	11.	758.1	28.5	1
1828	0	376	37.5438	88.6822	-773.7	PPAB	7.03	1.93	0.70	0.275	2.753	10.018	1269.	41.	7.	758.1	28.5	1
1829	0	336	37.5438	88.6814	-773.0	PPAB	6.73	2.62	0.89	0.389	2.957	7.594	1297.	58.	7.	757.6	28.5	1
1830	0	356	37.5438	88.6807	-772.0	PPAB	6.49	2.49	0.91	0.384	2.746	7.148	1505.	37.	7.	758.1	28.6	1
1831	0	360	37.5438	88.6800	-772.0	PPAB	7.35	5.09	0.98	0.692	5.196	7.510	1656.	39.	6.	757.6	28.5	1
1832	10	344	37.5438	88.6792	-771.0	PPAB	5.84	1.31	1.15	0.0	0.0	5.092	1455.	56.	9.	757.6	28.5	1
1833	0	352	37.5438	88.6784	-771.0	PPAB	7.07	1.84	1.17	0.260	1.574	6.056	1590.	40.	7.	758.1	28.5	1
1834	0	352	37.5438	88.6777	-770.7	PPAB	6.70	3.05	1.01	0.455	3.025	6.643	1508.	54.	5.	757.1	28.5	1
1835	0	332	37.5438	88.6770	-769.7	PPAB	7.21	1.82	1.08	0.252	1.680	6.676	1482.	54.	8.	757.1	28.5	1
1836	0	348	37.5438	88.6763	-769.5	PPAB	7.86	2.74	1.18	0.348	2.321	6.666	1588.	27.	3.	756.6	28.5	1
1837	0	344	37.5438	88.6756	-768.2	PPAB	8.74	2.41	1.26	0.276	1.905	6.910	1635.	42.	5.	756.6	28.5	1
1838	0	348	37.5438	88.6748	-766.5	PPAB	12.35	3.42	0.91	0.277	3.750	13.553	1714.	43.	0.	758.1	28.5	1
1839	0	352	37.5438	88.6740	-766.5	PPAB	6.08	4.78	1.03	0.785	4.618	5.882	1592.	46.	2.	757.1	28.6	1
1840	0	356	37.5438	88.6733	-766.5	PPAB	7.14	3.93	1.05	0.551	3.748	6.806	1691.	45.	4.	756.1	28.6	1
1841	0	364	37.5438	88.6726	-765.7	PPAB	8.37	1.63	1.22	0.195	1.340	6.877	1671.	47.	4.	759.2	28.6	1
1842	0	376	37.5438	88.6719	-763.7	PPAB	7.13	5.75	1.10	0.807	5.241	6.495	1695.	45.	5.	758.7	28.7	1
1843	0	376	37.5438	88.6712	-763.0	PPAB	6.12	4.33	0.84	0.707	5.141	7.272	1503.	36.	8.	755.5	28.6	1
1844	0	384	37.5438	88.6704	-763.0	PPAB	6.78	3.11	0.95	0.459	3.292	7.176	1547.	47.	7.	758.1	28.6	1
1845	10	392	37.5439	88.6696	-761.2	PPAB	7.61	1.28	0.98	0.0	0.0	7.740	1484.	52.	10.	758.1	28.5	1
1846	0	392	37.5439	88.6689	-760.7	PPAB	7.03	2.52	0.87	0.359	2.884	8.038	1462.	42.	10.	756.1	28.5	1
1847	0	388	37.5439	88.6682	-760.2	PPCV	7.31	2.82	0.76	0.386	3.708	9.603	1460.	30.	11.	758.7	28.5	1
1848	0	396	37.5439	88.6675	-760.7	PPCV	8.85	3.29	1.03	0.372	3.191	8.580	1486.	32.	6.	758.7	28.4	1
1849	0	392	37.5439	88.6668	-763.0	PPCV	6.91	1.67	0.89	0.242	1.871	7.735	1542.	38.	9.	756.1	28.4	1
1850	0	392	37.5439	88.6660	-764.0	PPCV	6.96	2.17	0.99	0.312	2.201	7.065	1539.	39.	9.	758.1	28.5	1
1851	0	400	37.5439	88.6653	-762.2	PPCV	5.92	3.14	0.89	0.531	3.546	6.677	1579.	43.	8.	758.1	28.5	1
1852	0	408	37.5439	88.6645	-762.7	PPCV	6.12	3.83	0.94	0.626	4.071	6.502	1568.	36.	5.	757.6	28.5	1
1853	0	408	37.5439	88.6638	-762.7	PPCV	7.34	1.51	1.08	0.205	1.396	6.797	1504.	43.	8.	758.7	28.5	1
1854	0	428	37.5439	88.6631	-762.2	PPCV	7.25	2.41	1.12	0.332	2.141	6.450	1578.	32.	11.	757.6	28.5	1
1855	0	420	37.5439	88.6624	-763.0	PPCV	7.84	2.50	0.90	0.319	2.782	8.731	1534.	48.	9.	757.6	28.4	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1856	0	416	37.5439	88.6616	-761.5	PPCV	5.68	3.10	0.89	0.545	3.488	6.403	1493.	41.	8.	758.7	28.4	1
1857	10	432	37.5439	88.6609	-760.7	PPCV	10.04	1.54	1.07	0.0	0.0	9.359	1584.	28.	11.	758.1	28.4	1
1858	0	444	37.5439	88.6602	-760.2	PPCV	5.95	2.16	1.12	0.363	1.937	5.339	1512.	32.	12.	758.1	28.4	1
1859	0	440	37.5439	88.6594	-760.5	PPCV	5.57	2.20	1.18	0.394	1.856	4.711	1533.	33.	10.	758.1	28.4	1
1860	10	428	37.5440	88.6587	-761.0	PPCV	5.38	1.14	1.04	0.0	0.0	5.166	1430.	46.	11.	757.6	28.4	1
1861	0	408	37.5439	88.6580	-760.5	PPCV	5.72	3.61	0.93	0.632	3.895	6.165	1507.	42.	7.	758.7	28.4	1
1862	10	384	37.5440	88.6572	-760.2	PPCV	6.88	1.10	1.25	0.0	0.0	5.487	1436.	51.	8.	758.7	28.4	1
1863	0	372	37.5440	88.6565	-760.0	PPCV	6.24	3.88	0.92	0.622	4.218	6.780	1494.	32.	1.	757.6	28.4	1
1864	0	388	37.5440	88.6558	-758.7	PPCV	6.68	4.42	0.89	0.661	4.976	7.532	1533.	43.	5.	758.7	28.5	1
1865	0	392	37.5439	88.6550	-758.2	PPCV	5.07	3.45	0.82	0.680	4.191	6.160	1458.	45.	9.	757.6	28.5	1
1866	0	408	37.5439	88.6543	-758.5	PPCV	7.07	3.10	0.96	0.438	3.217	7.336	1429.	38.	3.	758.7	28.5	1
1867	0	432	37.5439	88.6536	-760.0	PPCV	6.00	1.90	1.07	0.316	1.769	5.597	1409.	47.	8.	759.7	28.5	1
1868	0	460	37.5440	88.6528	-757.2	PPCV	6.46	3.00	0.82	0.465	3.674	7.909	1450.	44.	8.	757.6	28.6	1
1869	0	500	37.5440	88.6521	-758.0	PPCV	7.17	2.72	1.04	0.379	2.612	6.887	1550.	45.	9.	757.6	28.6	1
1870	0	500	37.5440	88.6514	-757.7	PPCV	8.66	1.81	1.04	0.209	1.741	8.328	1600.	41.	5.	758.7	28.6	1
1871	0	460	37.5440	88.6507	-757.7	PPCV	5.22	1.99	0.99	0.382	2.020	5.292	1484.	39.	7.	756.6	28.7	1
1872	0	420	37.5440	88.6500	-757.5	PPCV	5.41	4.45	0.78	0.822	5.714	6.948	1388.	50.	9.	757.6	28.8	1
1873	10	388	37.5440	88.6492	-756.2	PPAB	5.59	1.06	1.01	0.0	0.0	5.548	1346.	46.	10.	758.7	28.8	1
1874	10	380	37.5440	88.6484	-756.0	PPAB	7.05	0.66	0.97	0.0	0.0	7.290	1381.	47.	9.	756.6	28.7	1
1875	0	356	37.5440	88.6477	-755.5	PPAB	6.64	2.10	1.02	0.316	2.054	6.508	1419.	47.	10.	757.6	28.6	1
1876	0	340	37.5441	88.6470	-755.7	PPAB	7.38	2.46	0.91	0.333	2.689	8.076	1486.	35.	10.	757.6	28.6	1
1877	0	332	37.5440	88.6463	-754.2	PPAB	6.17	2.04	0.88	0.330	2.324	7.047	1406.	38.	9.	757.1	28.5	1
1878	0	328	37.5440	88.6456	-754.5	PPAB	7.41	2.77	0.69	0.373	4.000	10.724	1409.	54.	8.	758.7	28.5	1
1879	10	316	37.5440	88.6449	-754.7	PPAB	7.75	0.49	1.19	0.0	0.0	6.532	1480.	39.	10.	757.6	28.5	1
1880	10	328	37.5440	88.6440	-754.0	PPAB	8.45	1.04	0.97	0.0	0.0	8.695	1427.	21.	8.	757.1	28.5	1
1881	10	332	37.5440	88.6433	-753.7	PPAB	6.77	1.12	1.10	0.0	0.0	6.168	1459.	39.	9.	757.6	28.5	1
1882	10	336	37.5440	88.6426	-754.2	PPAB	5.87	0.88	0.83	0.0	0.0	7.086	1308.	49.	7.	756.6	28.5	1
1883	0	324	37.5441	88.6419	-753.7	PPAB	6.55	1.85	0.94	0.283	1.965	6.944	1401.	42.	6.	757.1	28.7	1
1884	0	332	37.5441	88.6412	-752.2	PPAB	6.05	2.47	0.86	0.409	2.875	7.031	1399.	37.	7.	758.7	28.8	1
1885	0	352	37.5441	88.6404	-753.2	PPAB	5.86	2.00	1.01	0.342	1.990	5.819	1442.	41.	7.	758.7	28.7	1
1886	0	368	37.5441	88.6397	-754.0	PPAB	6.95	3.08	0.87	0.444	3.558	8.021	1434.	36.	5.	758.7	28.6	1
1887	0	368	37.5441	88.6390	-753.5	PPAB	5.16	3.52	0.77	0.683	4.573	6.700	1349.	43.	5.	757.6	28.5	1
1888	0	372	37.5441	88.6382	-754.7	PPAB	7.18	2.63	0.75	0.367	3.503	9.548	1413.	37.	3.	757.1	28.5	1
1889	0	380	37.5441	88.6375	-753.5	PPAB	5.50	3.87	0.92	0.703	4.190	5.959	1422.	49.	0.	757.6	28.5	1
1890	0	376	37.5441	88.6368	-753.2	PPAB	6.00	2.69	0.79	0.448	3.423	7.644	1327.	39.	0.	757.6	28.5	1
1891	0	384	37.5441	88.6360	-753.2	PPAB	4.78	3.69	1.09	0.772	3.396	4.399	1417.	36.	2.	757.6	28.4	1
1892	0	400	37.5441	88.6353	-752.5	PPAB	5.14	2.89	0.94	0.562	3.066	5.455	1400.	42.	3.	758.1	28.4	1
1893	0	392	37.5441	88.6346	-752.0	PPAB	6.72	2.75	0.80	0.409	3.420	8.369	1412.	38.	2.	758.7	28.4	1
1894	0	388	37.5441	88.6339	-751.7	PPAB	5.12	3.79	1.15	0.741	3.295	4.447	1369.	34.	0.	757.6	28.5	1
1895	0	396	37.5441	88.6331	-750.0	PPAB	5.97	2.80	0.98	0.469	2.847	6.066	1353.	37.	0.	757.1	28.5	1
1896	0	404	37.5441	88.6324	-749.7	PPAB	6.01	2.17	1.09	0.362	1.999	5.527	1331.	40.	3.	758.7	28.5	1
1897	0	412	37.5441	88.6316	-750.2	PPAB	4.83	1.60	0.95	0.332	1.694	5.110	1271.	44.	8.	758.7	28.6	1
1898	0	432	37.5442	88.6309	-750.0	PPAB	3.70	2.29	0.68	0.618	3.354	5.430	1216.	33.	7.	758.1	28.6	1
1899	0	464	37.5442	88.6302	-750.0	PPAB	4.62	3.73	0.64	0.807	5.781	7.166	1217.	36.	12.	758.1	28.6	1
1900	10	468	37.5442	88.6295	-750.7	PPAB	4.23	-0.09	0.85	0.0	0.0	4.974	1149.	45.	17.	758.1	28.8	1
1901	0	440	37.5442	88.6288	-750.0	PPAB	5.18	2.24	0.75	0.432	2.996	6.930	1188.	43.	10.	758.1	28.7	1
1902	0	400	37.5442	88.6280	-749.0	PPAB	4.93	3.26	0.50	0.661	6.554	9.919	1148.	46.	10.	757.6	28.7	1
1903	10	444	37.5442	88.6272	-749.7	PPAB	6.18	1.49	0.88	0.0	0.0	7.053	1229.	43.	9.	757.1	28.6	1
1904	10	460	37.5442	88.6265	-749.7	PPAB	5.22	1.17	0.79	0.0	0.0	6.635	1192.	45.	7.	758.1	28.5	1
1905	10	488	37.5442	88.6258	-748.0	PPAB	5.27	1.35	0.84	0.0	0.0	6.300	1185.	41.	5.	758.1	28.5	1
1906	0	520	37.5442	88.6250	-747.7	PPAB	6.42	2.16	0.75	0.337	2.881	8.559	1386.	33.	6.	758.7	28.5	1
1907	0	468	37.5442	88.6244	-748.5	PPAB	6.81	2.17	0.99	0.318	2.184	6.859	1349.	41.	6.	758.1	28.5	1
1908	0	468	37.5442	88.6236	-748.0	PPAB	7.24	2.68	0.92	0.370	2.909	7.854	1427.	48.	5.	757.1	28.5	1

CP 9 IP 12

* TAGS *				* LOCATION *			REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1909	0	448	37.5442	88.6228	-747.5	PPAB	5.75	1.59	1.16	0.276	1.373	4.973	1407.	34.	7.	757.6	28.5	1
1910	0	444	37.5442	88.6221	-747.5	PPAB	7.01	3.51	0.86	0.500	4.078	8.154	1440.	31.	3.	758.7	28.5	1
1911	0	428	37.5442	88.6214	-745.7	PPAB	5.64	3.21	0.93	0.569	3.433	6.034	1430.	35.	7.	758.1	28.5	1
1912	0	416	37.5442	88.6207	-745.0	PPAB	6.28	3.44	0.59	0.548	5.842	10.663	1369.	39.	9.	757.6	28.5	1
1913	10	412	37.5442	88.6200	-746.0	PPAB	6.77	1.35	1.05	0.0	0.0	6.460	1347.	48.	9.	758.1	28.5	1
1914	10	404	37.5442	88.6192	-747.5	PPAB	5.47	0.79	1.09	0.0	0.0	5.035	1329.	32.	10.	758.1	28.5	1
1915	0	388	37.5442	88.6185	-746.5	PPAB	7.32	2.75	0.73	0.376	3.765	10.011	1411.	33.	6.	758.7	28.5	1
1916	0	384	37.5442	88.6177	-745.0	PPAB	5.81	2.30	1.11	0.395	2.066	5.224	1422.	37.	6.	758.1	28.5	1
1917	0	372	37.5442	88.6170	-744.2	PPAB	4.11	2.69	0.95	0.655	2.826	4.316	1347.	39.	7.	757.1	28.5	1
1918	0	364	37.5442	88.6163	-744.0	PPAB	5.36	2.63	0.89	0.490	2.938	5.991	1351.	34.	7.	757.6	28.5	1
1919	0	368	37.5442	88.6156	-742.0	PPAB	6.93	1.71	1.09	0.246	1.567	6.364	1455.	40.	3.	758.1	28.5	1
1920	0	392	37.5442	88.6149	-742.5	PPAB	7.16	2.22	1.19	0.310	1.875	6.041	1539.	39.	5.	757.6	28.5	1
1921	0	364	37.5443	88.6141	-742.5	PPAB	6.11	2.94	0.76	0.482	3.895	8.086	1373.	39.	5.	757.6	28.6	1
1922	0	384	37.5443	88.6134	-742.2	PPAB	5.52	1.95	0.99	0.354	1.983	5.605	1278.	31.	7.	757.6	28.7	1
1923	0	416	37.5443	88.6126	-743.5	PPAB	6.22	1.86	1.04	0.299	1.792	5.996	1382.	55.	7.	757.6	28.8	1
1924	0	396	37.5443	88.6119	-741.5	PPAB	5.98	3.78	0.63	0.633	6.008	9.491	1368.	51.	3.	757.1	28.8	1
1925	0	420	37.5443	88.6112	-741.5	PPAB	5.59	2.22	0.73	0.398	3.043	7.651	1379.	37.	7.	756.1	28.8	1
1926	0	416	37.5443	88.6104	-741.5	PPAB	6.03	2.62	0.83	0.435	3.163	7.280	1416.	37.	5.	758.1	28.8	1
1927	0	404	37.5443	88.6097	-740.0	PPAB	5.09	1.94	1.03	0.381	1.877	4.928	1407.	34.	6.	758.1	28.8	1
1928	0	380	37.5443	88.6090	-740.0	PPAB	6.42	2.16	0.98	0.337	2.200	6.531	1297.	49.	1.	757.1	28.6	1
1929	0	368	37.5443	88.6083	-738.2	PPAB	7.31	1.77	0.68	0.243	2.610	10.751	1324.	46.	2.	757.6	28.5	1
1930	0	348	37.5443	88.6075	-737.7	PPAB	5.51	3.84	0.92	0.696	4.170	5.995	1406.	29.	1.	757.6	28.5	1
1931	0	336	37.5443	88.6068	-737.5	PPAB	6.84	3.44	0.87	0.502	3.944	7.850	1479.	37.	0.	757.6	28.4	1
1932	0	340	37.5443	88.6060	-737.7	PPAB	7.74	1.63	1.11	0.210	1.461	6.959	1457.	35.	0.	758.7	28.4	1
1933	10	340	37.5443	88.6053	-738.7	PPAB	6.79	0.87	0.87	0.0	0.0	7.789	1405.	25.	3.	757.6	28.5	1
1934	0	336	37.5443	88.6046	-738.0	PPAB	6.43	1.55	0.94	0.241	1.653	6.872	1361.	45.	4.	756.6	28.6	1
1935	0	348	37.5443	88.6039	-736.5	PPAB	6.40	2.81	0.87	0.439	3.227	7.357	1435.	42.	4.	757.6	28.7	1
1936	0	352	37.5444	88.6031	-737.5	PPAB	7.35	1.63	0.66	0.222	2.460	11.074	1371.	40.	4.	758.7	28.8	1
1937	0	344	37.5444	88.6024	-736.0	PPAB	5.14	2.29	0.88	0.445	2.597	5.834	1446.	53.	3.	758.1	28.6	1
1938	0	356	37.5444	88.6017	-735.0	PPAB	7.04	1.72	1.00	0.245	1.713	7.002	1495.	45.	5.	758.1	28.6	1
1939	0	356	37.5444	88.6009	-735.2	PPAB	5.77	2.59	1.00	0.448	2.600	5.800	1483.	45.	6.	758.1	28.5	1
1940	0	356	37.5444	88.6002	-734.0	PPAB	7.42	3.38	1.15	0.455	2.929	6.437	1488.	32.	3.	757.6	28.5	1
1941	0	384	37.5444	88.5995	-731.2	PPAB	5.27	3.00	0.96	0.570	3.129	5.490	1563.	48.	4.	757.6	28.5	1
1942	0	328	37.5444	88.5988	-731.0	PPAB	7.03	1.59	1.05	0.226	1.510	6.674	1450.	43.	2.	757.6	28.5	1
1943	0	296	37.5444	88.5981	-731.0	PPAB	6.11	4.11	1.04	0.673	3.951	5.873	1523.	34.	2.	757.1	28.5	1
1944	0	276	37.5444	88.5973	-731.0	PPAB	7.41	2.71	0.93	0.366	2.909	7.947	1390.	40.	3.	758.1	28.5	1
1945	0	284	37.5444	88.5965	-730.2	PPAB	7.43	3.06	0.79	0.412	3.869	9.395	1408.	44.	3.	759.2	28.5	1
1946	10	292	37.5444	88.5958	-729.7	PPAB	6.26	0.50	1.11	0.0	0.0	5.625	1456.	40.	6.	757.6	28.5	1
1947	0	296	37.5444	88.5950	-729.7	PPAB	6.37	2.19	1.03	0.343	2.125	6.190	1392.	52.	10.	756.6	28.5	1
1948	0	316	37.5444	88.5944	-728.0	PPAB	6.70	1.56	0.91	0.234	1.714	7.339	1454.	43.	10.	757.6	28.5	1
1949	0	344	37.5444	88.5936	-728.0	PPAB	7.08	2.69	1.01	0.380	2.673	7.026	1523.	35.	12.	757.6	28.4	1
1950	0	352	37.5444	88.5929	-727.2	PPAB	4.83	2.24	0.94	0.463	2.394	5.165	1436.	48.	15.	757.6	28.4	1
1951	10	348	37.5444	88.5922	-727.7	PPAB	7.09	0.22	0.83	0.0	0.0	8.531	1463.	41.	13.	758.1	28.4	1
1952	0	368	37.5445	88.5914	-727.0	PPAB	6.36	1.99	0.98	0.313	2.032	6.491	1399.	54.	16.	757.1	28.3	1
1953	0	392	37.5445	88.5907	-726.5	PPAB	4.14	2.35	0.90	0.567	2.615	4.615	1485.	30.	15.	756.1	28.3	1
1954	10	432	37.5444	88.5900	-727.0	PPAB	6.10	0.55	1.07	0.0	0.0	5.722	1453.	37.	16.	756.1	28.3	1
1955	10	440	37.5444	88.5893	-725.2	PPAB	8.00	1.19	1.17	0.0	0.0	6.853	1579.	43.	13.	757.1	28.2	1
1956	0	452	37.5444	88.5885	-724.2	PPAB	5.29	2.39	1.14	0.451	2.085	4.625	1517.	34.	12.	757.1	28.1	1
1957	10	444	37.5444	88.5878	-725.5	PPAB	8.56	1.23	0.89	0.0	0.0	9.596	1422.	34.	9.	756.1	28.1	1
1958	0	404	37.5444	88.5871	-724.5	PPAB	7.37	1.64	0.90	0.222	1.828	8.229	1445.	28.	8.	755.0	28.2	1
1959	0	400	37.5445	88.5863	-723.5	PPAB	7.12	2.81	0.98	0.395	2.862	7.251	1447.	42.	5.	756.1	28.1	1
1960	0	396	37.5445	88.5855	-723.5	PPAB	6.78	2.90	1.17	0.428	2.479	5.792	1478.	42.	5.	756.1	28.2	1
1961	10	404	37.5445	88.5849	-721.7	PPAB	6.48	1.15	1.05	0.0	0.0	6.192	1532.	40.	7.	755.5	28.1	1

CP 9 1P 12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1962	0	412	37.5445	88.5841	-720.0	PPAB	7.60	4.20	1.10	0.553	3.835	6.937	1621.	49.	5.	755.5	28.1	1
1963	0	424	37.5445	88.5834	-719.5	PPAB	7.14	3.20	1.12	0.448	2.850	6.359	1596.	42.	2.	755.5	28.1	1
1964	0	408	37.5445	88.5827	-719.5	PPAB	4.86	3.60	1.09	0.740	3.294	4.452	1527.	42.	4.	755.5	28.0	1
1965	0	384	37.5445	88.5819	-719.2	PPAB	6.77	2.35	1.18	0.347	1.986	5.724	1567.	46.	3.	755.5	28.0	1
1966	0	404	37.5445	88.5812	-718.5	PPAB	6.83	1.87	0.95	0.273	1.967	7.193	1671.	27.	6.	755.0	28.1	1
1967	0	400	37.5445	88.5805	-717.7	PPAB	7.49	4.73	0.97	0.631	4.885	7.745	1737.	53.	5.	755.0	28.2	1
1968	0	404	37.5445	88.5797	-718.2	PPAB	7.68	3.26	1.08	0.424	3.007	7.093	1733.	39.	2.	756.1	28.2	1
1969	0	396	37.5445	88.5790	-717.7	PPAB	7.34	3.27	1.30	0.445	2.509	5.639	1652.	47.	9.	755.0	28.1	1
1970	0	404	37.5445	88.5783	-716.5	PPAB	9.87	3.21	1.10	0.326	2.914	8.946	1688.	43.	6.	755.0	28.1	1
1971	10	412	37.5445	88.5776	-718.2	PPAB	6.31	1.36	1.05	0.0	0.0	6.016	1544.	50.	9.	755.5	28.2	1
1972	0	396	37.5445	88.5769	-719.0	PPAB	6.45	2.64	1.10	0.409	2.392	5.841	1639.	38.	8.	755.5	28.2	1
1973	10	400	37.5445	88.5760	-716.0	PPAB	9.28	-0.01	1.17	0.0	0.0	7.962	1651.	44.	10.	755.5	28.2	1
1974	0	404	37.5445	88.5753	-715.0	PPAB	7.05	2.40	1.17	0.341	2.060	6.048	1613.	41.	9.	754.5	28.2	1
1975	0	404	37.5446	88.5746	-715.2	PPAB	6.81	3.87	0.94	0.569	4.126	7.256	1538.	41.	8.	755.0	28.1	1
1976	0	400	37.5446	88.5739	-714.7	PPAB	8.31	4.06	0.86	0.489	4.743	9.699	1490.	48.	8.	756.6	28.1	1
1977	0	392	37.5446	88.5731	-712.7	PPAB	7.20	2.21	1.07	0.307	2.074	6.744	1566.	38.	4.	756.6	28.0	1
1978	0	384	37.5446	88.5724	-711.7	PPAB	7.35	2.88	1.03	0.392	2.801	7.149	1581.	41.	8.	756.1	28.0	1
1979	0	388	37.5446	88.5717	-711.7	PPAB	9.28	3.11	1.08	0.335	2.894	8.630	1744.	33.	5.	756.6	28.0	1
1980	0	396	37.5446	88.5710	-711.2	PPAB	8.09	2.30	1.42	0.285	1.626	5.713	1731.	38.	5.	756.6	28.0	1
1981	0	396	37.5446	88.5702	-711.2	PPAB	7.75	3.62	1.24	0.467	2.925	6.262	1705.	36.	4.	756.6	28.1	1
1982	0	396	37.5446	88.5695	-712.0	PPAB	7.05	3.65	1.09	0.517	3.336	6.447	1711.	48.	5.	756.6	28.2	1
1983	0	380	37.5446	88.5688	-710.7	PPAB	7.36	4.75	1.17	0.646	4.057	6.283	1754.	41.	4.	756.6	28.2	1
1984	0	368	37.5446	88.5681	-710.5	PPAB	6.75	3.00	1.42	0.445	2.109	4.743	1629.	42.	3.	756.6	28.3	1
1985	0	372	37.5446	88.5673	-709.5	PPAB	8.63	3.46	1.15	0.401	3.019	7.526	1769.	31.	3.	756.6	28.3	1
1986	0	344	37.5446	88.5666	-710.5	PPAB	7.92	2.25	1.12	0.284	2.001	7.043	1574.	43.	5.	755.5	28.3	1
1987	0	372	37.5446	88.5659	-710.5	PPAB	7.87	2.22	1.35	0.282	1.637	5.812	1684.	38.	6.	755.5	28.3	1
1988	0	360	37.5446	88.5650	-708.5	PPAB	7.35	2.32	1.56	0.316	1.487	4.707	1710.	43.	3.	754.5	28.3	1
1989	0	360	37.5446	88.5643	-709.0	PPAB	8.87	2.37	1.35	0.267	1.759	6.582	1719.	41.	3.	755.5	28.3	1
1990	0	380	37.5447	88.5636	-707.7	PPAB	8.20	3.08	1.03	0.376	2.983	7.930	1738.	34.	2.	756.6	28.3	1
1991	0	396	37.5447	88.5629	-704.5	PPAB	7.08	2.77	1.27	0.391	2.186	5.596	1795.	37.	5.	756.6	28.3	1
1992	0	380	37.5446	88.5622	-705.2	PPAB	8.64	2.07	1.19	0.240	1.737	7.237	1685.	41.	4.	755.5	28.3	1
1993	0	376	37.5446	88.5615	-706.7	PPAB	7.97	3.00	1.16	0.377	2.594	6.887	1658.	53.	7.	754.5	28.3	1
1994	0	388	37.5446	88.5607	-705.0	PPAB	7.17	4.21	1.24	0.587	3.393	5.779	1804.	48.	6.	754.5	28.4	1
1995	0	400	37.5446	88.5600	-704.5	PPAB	8.90	3.85	1.31	0.433	2.944	6.802	1813.	37.	3.	755.5	28.4	1
1996	0	384	37.5446	88.5593	-704.0	PPAB	8.13	3.70	1.39	0.454	2.653	5.840	1776.	42.	5.	756.1	28.4	1
1997	0	372	37.5447	88.5585	-702.2	PPAB	7.22	2.25	1.38	0.312	1.634	5.238	1747.	37.	8.	755.5	28.4	1
1998	0	368	37.5447	88.5578	-704.0	PPAB	7.40	2.72	1.41	0.368	1.933	5.254	1782.	43.	8.	755.5	28.3	1
1999	0	364	37.5447	88.5571	-702.5	PPAB	5.64	3.89	1.16	0.689	3.353	4.865	1767.	40.	5.	757.1	28.2	1
2000	0	356	37.5447	88.5564	-701.7	PPAB	7.75	2.77	1.20	0.357	2.296	6.436	1691.	45.	7.	756.6	28.2	1
2001	0	352	37.5447	88.5557	-701.5	PPAB	9.51	2.50	1.26	0.262	1.985	7.565	1732.	42.	4.	754.5	28.1	1
2002	10	368	37.5447	88.5541	-699.2	PPAB	7.95	0.62	1.12	0.0	0.0	7.064	1549.	43.	8.	755.0	28.1	1
2003	10	352	37.5447	88.5534	-699.0	PPAB	6.58	0.27	1.06	0.0	0.0	6.235	1562.	43.	9.	755.5	28.1	1
2004	0	352	37.5447	88.5527	-698.5	PPAB	5.37	4.09	1.39	0.762	2.937	3.855	1597.	50.	5.	755.5	28.1	1
2005	0	336	37.5447	88.5519	-696.5	PPAB	7.34	2.12	0.93	0.289	2.289	7.909	1539.	40.	8.	756.1	28.2	1
2006	0	348	37.5447	88.5512	-695.2	PPAB	7.21	2.03	1.05	0.282	1.947	6.899	1509.	35.	8.	756.1	28.2	1
2007	0	356	37.5447	88.5505	-696.7	PPAB	8.80	2.82	0.86	0.320	3.292	10.273	1515.	44.	7.	755.5	28.2	1
2008	0	360	37.5447	88.5497	-698.0	PPAB	6.78	2.43	1.05	0.358	2.302	6.433	1570.	36.	7.	755.5	28.3	1
2009	0	372	37.5447	88.5490	-695.7	PPAB	5.19	3.00	1.09	0.577	2.759	4.780	1467.	52.	6.	756.1	28.3	1
2010	10	372	37.5447	88.5483	-694.5	PPAB	7.89	1.37	0.73	0.0	0.0	10.842	1410.	33.	8.	756.1	28.2	1
2011	10	360	37.5447	88.5476	-694.0	PPAB	4.71	0.90	1.07	0.0	0.0	4.400	1240.	44.	7.	755.0	28.1	1
2012	0	360	37.5448	88.5469	-692.2	PPAB	4.84	2.28	0.68	0.470	3.367	7.157	1194.	45.	8.	755.0	28.0	1
2013	10	364	37.5448	88.5461	-693.7	PPAB	6.14	1.00	0.94	0.0	0.0	6.521	1205.	41.	8.	756.1	27.9	1
2014	0	364	37.5448	88.5454	-693.7	PPAB	5.33	2.06	0.90	0.387	2.284	5.904	1217.	36.	8.	756.1	27.9	1

CP9 IP12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2015	0	372	37.5448	88.5446	-691.7	PPAB	4.25	1.55	0.92	0.366	1.685	4.609	1206.	42.	9.	755.5	28.0	1
2016	0	380	37.5448	88.5439	-690.0	PPAB	6.38	1.46	0.99	0.229	1.466	6.413	1341.	45.	6.	755.5	27.9	1
2017	0	404	37.5448	88.5432	-690.0	PPAB	6.16	2.90	0.71	0.471	4.081	8.663	1309.	42.	4.	755.5	27.9	1
2018	10	428	37.5447	88.5424	-690.7	PPAB	4.88	1.25	0.82	0.0	0.0	5.972	1310.	41.	9.	756.1	28.0	1
2019	0	452	37.5448	88.5417	-690.2	PPCV	6.96	1.97	0.82	0.283	2.395	8.456	1321.	45.	9.	756.1	28.0	1
2020	0	480	37.5448	88.5410	-689.7	PPCV	5.03	5.22	0.85	1.039	6.137	5.906	1425.	41.	10.	754.5	28.1	1
2021	0	528	37.5448	88.5403	-689.5	PPCV	4.96	2.62	0.91	0.529	2.897	5.477	1501.	33.	13.	754.5	28.1	1
2022	0	508	37.5448	88.5395	-689.5	PPCV	5.36	2.28	0.84	0.425	2.720	6.407	1342.	46.	14.	756.6	28.2	1
2023	0	528	37.5448	88.5388	-687.2	PPCV	5.56	2.06	0.66	0.371	3.122	8.421	1338.	33.	12.	757.1	28.2	1
2024	0	560	37.5448	88.5381	-687.0	PPCV	6.60	2.86	0.94	0.433	3.022	6.984	1439.	40.	8.	756.1	28.2	1
2025	0	556	37.5448	88.5373	-687.0	PPCV	5.57	2.56	0.80	0.460	3.200	6.964	1297.	50.	7.	755.0	28.1	1
2026	0	564	37.5448	88.5366	-686.5	PPCV	4.03	3.03	0.65	0.751	4.690	6.243	1219.	39.	6.	755.5	28.0	1
2027	10	568	37.5448	88.5359	-687.5	PPCV	7.69	0.19	0.61	0.0	0.0	12.656	1196.	39.	7.	756.6	28.0	1
2028	0	536	37.5448	88.5352	-685.2	PPCV	6.70	3.02	0.57	0.450	5.285	11.736	1335.	34.	4.	756.6	27.9	1
2029	0	532	37.5448	88.5345	-684.0	PPCV	5.93	3.18	0.91	0.537	3.495	6.509	1436.	40.	5.	755.5	27.9	1
2030	0	524	37.5448	88.5336	-683.7	PPCV	6.28	4.02	0.70	0.640	5.734	8.961	1458.	41.	5.	755.5	27.9	1
2031	0	508	37.5448	88.5329	-682.2	PPCV	8.38	2.16	1.12	0.258	1.931	7.490	1492.	47.	2.	756.1	27.9	1
2032	0	500	37.5448	88.5322	-681.7	PPCV	6.62	3.82	1.00	0.576	3.799	6.593	1500.	41.	0.	756.6	27.9	1
2033	0	476	37.5448	88.5315	-681.7	PPCV	6.86	2.26	1.06	0.330	2.127	6.440	1515.	37.	1.	756.1	28.0	1
2034	0	464	37.5449	88.5307	-680.5	PPCV	7.04	3.76	0.80	0.534	4.718	8.833	1506.	31.	2.	755.5	28.0	1
2035	0	476	37.5449	88.5300	-680.5	PPCV	5.12	3.51	0.81	0.686	4.356	6.349	1475.	37.	1.	755.5	28.0	1
2036	0	488	37.5449	88.5293	-681.2	PPCV	8.19	3.69	0.54	0.451	6.894	15.297	1497.	46.	2.	756.1	28.0	1
2037	10	456	37.5449	88.5285	-679.7	PPAB	6.32	1.04	0.99	0.0	0.0	6.408	1459.	40.	7.	756.1	28.1	1
2038	0	440	37.5449	88.5278	-677.2	PPAB	5.66	2.07	1.06	0.366	1.948	5.324	1426.	36.	5.	755.5	28.0	1
2039	0	440	37.5449	88.5271	-678.2	PPAB	6.68	2.12	1.10	0.318	1.936	6.096	1463.	37.	8.	755.5	28.0	1
2040	0	428	37.5449	88.5264	-678.5	PPAB	5.11	3.51	0.85	0.688	4.139	6.019	1380.	44.	7.	756.1	28.0	1
2041	0	440	37.5449	88.5257	-677.2	PPAB	5.32	2.43	0.75	0.456	3.224	7.071	1323.	42.	11.	756.6	28.0	1
2042	0	456	37.5449	88.5249	-676.0	PPAB	7.27	1.99	0.94	0.273	2.116	7.741	1389.	24.	8.	755.5	27.9	1
2043	0	444	37.5449	88.5242	-676.0	PPAB	4.27	2.12	0.53	0.498	3.979	7.990	1204.	35.	12.	755.0	27.9	1
2044	10	416	37.5449	88.5234	-675.2	PPAB	4.37	0.98	0.78	0.0	0.0	5.633	1169.	46.	12.	755.5	27.9	1
2045	0	420	37.5449	88.5227	-674.2	PPCV	6.21	1.58	0.66	0.254	2.411	9.475	1245.	29.	8.	755.5	27.9	1
2046	0	444	37.5449	88.5220	-673.5	PPCV	4.32	2.84	0.71	0.658	4.014	6.100	1302.	41.	7.	755.5	28.0	1
2047	0	480	37.5449	88.5212	-672.7	PPCV	3.83	2.88	0.99	0.750	2.917	3.889	1424.	47.	5.	755.5	28.0	1
2048	0	468	37.5449	88.5205	-673.5	PPAB	7.01	2.84	0.93	0.406	3.043	7.499	1354.	36.	3.	755.5	28.0	1
2049	0	448	37.5449	88.5198	-673.2	PPAB	5.54	2.74	0.59	0.495	4.620	9.332	1234.	44.	3.	755.5	28.0	1
2050	0	416	37.5450	88.5191	-673.0	PPAB	4.12	1.59	0.90	0.385	1.755	4.560	1208.	44.	7.	756.1	28.0	1
2051	0	376	37.5450	88.5183	-671.5	PPAB	5.42	2.62	0.70	0.482	3.742	7.762	1223.	45.	4.	756.1	27.9	1
2052	0	320	37.5449	88.5176	-669.7	PPAB	6.75	2.49	0.53	0.368	4.694	12.759	1230.	40.	1.	755.5	27.9	1
2053	0	304	37.5449	88.5169	-669.0	PPAB	5.93	2.00	0.99	0.338	2.026	5.992	1410.	52.	0.	755.0	27.9	1
2054	0	300	37.5449	88.5161	-668.7	PPAB	8.06	2.31	0.94	0.286	2.459	8.597	1524.	31.	0.	755.5	28.0	1
2055	0	284	37.5449	88.5154	-668.2	PPAB	6.17	3.31	0.92	0.536	3.594	6.700	1473.	48.	0.	756.6	28.1	1
2056	0	292	37.5449	88.5147	-668.2	PPAB	7.19	3.05	0.93	0.424	3.278	7.735	1426.	43.	0.	756.1	28.0	1
2057	0	304	37.5450	88.5140	-668.0	PPAB	4.64	1.77	1.15	0.382	1.541	4.039	1344.	58.	0.	756.6	28.0	1
2058	0	332	37.5450	88.5132	-666.7	PPAB	6.58	2.76	0.86	0.420	3.196	7.606	1439.	43.	4.	756.1	27.9	1
2059	0	340	37.5450	88.5124	-666.5	PPAB	4.65	2.77	0.84	0.595	3.283	5.519	1360.	32.	3.	754.5	28.0	1
2060	0	348	37.5450	88.5117	-664.5	PPAB	5.34	1.41	0.85	0.264	1.670	6.320	1209.	32.	6.	755.5	28.1	1
2061	0	376	37.5450	88.5110	-664.7	PPAB	5.24	2.12	0.77	0.404	2.752	6.807	1232.	47.	6.	755.5	28.1	1
2062	10	352	37.5450	88.5103	-665.7	PPAB	5.68	0.29	0.80	0.0	0.0	7.067	1180.	48.	6.	755.5	28.1	1
2063	10	348	37.5450	88.5096	-663.7	PPAB	5.32	0.30	0.84	0.0	0.0	6.300	1122.	43.	8.	755.0	28.1	1
2064	10	384	37.5450	88.5088	-662.5	PPAB	4.46	0.66	0.85	0.0	0.0	5.257	1163.	46.	8.	755.0	28.2	1
2065	0	432	37.5450	88.5081	-663.7	PPAB	5.11	1.54	0.72	0.301	2.148	7.135	1249.	45.	8.	756.1	28.2	1
2066	0	472	37.5450	88.5073	-662.5	PPAB	5.36	2.49	0.90	0.464	2.754	5.939	1341.	47.	7.	755.0	28.2	1
2067	0	480	37.5450	88.5066	-661.2	PPAB	4.78	3.58	0.79	0.749	4.544	6.067	1281.	46.	1.	755.5	28.2	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2068	0	492	37.5450	88.5059	-661.7	PPCV	3.64	3.80	0.66	1.044	5.724	5.485	1295.	34.	5.	756.1	28.2	1
2069	0	520	37.5450	88.5052	-661.2	PPCV	6.56	2.40	0.74	0.365	3.229	8.841	1245.	39.	4.	754.5	28.2	1
2070	10	552	37.5450	88.5045	-660.5	PPCV	7.67	-0.05	0.97	0.0	0.0	7.951	1281.	46.	5.	756.1	28.1	1
2071	0	576	37.5450	88.5037	-658.7	PPCV	4.32	2.94	0.77	0.681	3.807	5.593	1207.	39.	6.	755.5	28.1	1
2072	10	588	37.5450	88.5030	-657.7	PPCV	6.38	1.17	0.77	0.0	0.0	8.244	1224.	29.	7.	754.5	28.0	1
2073	10	580	37.5451	88.5022	-657.7	PPCV	6.23	1.21	0.97	0.0	0.0	6.432	1237.	38.	9.	756.6	28.0	1
2074	10	536	37.5451	88.5014	-656.5	PPCV	8.21	1.08	0.61	0.0	0.0	13.527	1140.	47.	9.	756.1	28.0	1
2075	0	532	37.5451	88.5007	-656.2	QAL	5.75	2.78	0.85	0.482	3.284	6.807	1243.	38.	12.	756.1	28.1	1
2076	10	528	37.5450	88.4999	-655.7	QAL	7.27	1.79	0.60	0.0	0.0	12.018	1328.	36.	11.	756.6	28.1	1
2077	0	508	37.5450	88.4991	-654.5	QAL	8.38	2.14	0.87	0.255	2.456	9.629	1318.	42.	9.	756.1	28.2	1
2078	0	500	37.5450	88.4984	-652.5	MCU	5.52	1.82	0.56	0.329	3.223	9.789	1275.	38.	11.	756.6	28.2	1
2079	0	488	37.5450	88.4976	-653.0	MCU	5.34	3.26	0.82	0.611	3.997	6.543	1331.	44.	11.	755.5	28.3	1
2080	10	476	37.5450	88.4968	-653.0	MCU	5.16	1.24	1.01	0.0	0.0	5.105	1367.	39.	9.	755.0	28.3	1
2081	10	492	37.5450	88.4961	-651.7	MCU	4.56	0.45	0.72	0.0	0.0	6.339	1221.	36.	14.	756.6	28.3	1
2082	10	480	37.5450	88.4953	-650.7	MCU	5.06	1.02	0.88	0.0	0.0	5.754	1182.	43.	14.	755.5	28.3	1
2083	10	512	37.5450	88.4946	-650.5	MCU	6.31	-0.32	0.92	0.0	0.0	6.874	1335.	43.	16.	756.1	28.2	1
2084	10	544	37.5451	88.4937	-649.5	MCU	7.51	-1.14	1.07	0.0	0.0	7.017	1422.	43.	14.	756.1	28.2	1
2085	10	588	37.5451	88.4930	-648.2	MCU	6.61	1.84	0.87	0.0	0.0	7.589	1427.	46.	12.	754.5	28.1	1
2086	10	604	37.5451	88.4923	-648.5	MCU	5.46	1.98	1.03	0.0	0.0	5.285	1562.	33.	20.	755.5	28.1	1
2087	10	572	37.5451	88.4915	-646.7	MCU	8.73	1.64	1.02	0.0	0.0	8.580	1423.	53.	11.	755.5	28.1	1
2088	0	572	37.5451	88.4907	-646.7	MCU	3.54	3.62	0.81	1.021	4.488	4.396	1433.	40.	15.	755.5	28.1	1
2089	0	568	37.5451	88.4899	-648.2	MCU	5.40	2.13	0.93	0.394	2.291	5.817	1392.	56.	8.	756.1	28.1	1
2090	0	568	37.5451	88.4892	-645.2	MCU	3.97	2.44	0.91	0.614	2.682	4.368	1417.	37.	10.	755.5	28.1	1
2091	0	528	37.5451	88.4884	-644.0	MCU	8.24	1.71	0.81	0.208	2.105	10.128	1268.	36.	1.	755.5	28.0	1
2092	10	508	37.5451	88.4876	-644.5	MCU	4.68	1.26	1.07	0.0	0.0	4.360	1270.	45.	6.	756.1	28.0	1
2093	0	480	37.5451	88.4869	-644.2	PPCV	7.68	2.27	0.92	0.296	2.472	8.345	1424.	30.	2.	755.5	28.0	1
2094	0	468	37.5451	88.4862	-642.7	PPCV	7.11	2.05	0.89	0.288	2.306	8.002	1463.	36.	0.	755.5	28.0	1
2095	0	456	37.5450	88.4854	-641.5	PPCV	4.30	1	0.98	0.629	2.748	4.370	1413.	40.	4.	754.5	28.1	1
2096	0	460	37.5451	88.4846	-642.2	PPCV	6.03	.72	1.11	0.452	2.456	5.436	1463.	53.	0.	755.5	28.1	1
2097	0	452	37.5451	88.4838	-641.5	PPCV	8.75	2.78	1.19	0.318	2.329	7.321	1643.	37.	0.	756.1	28.1	1
2098	0	436	37.5451	88.4830	-640.0	PPCV	5.55	5.24	1.06	0.944	4.950	5.244	1607.	44.	0.	755.5	28.0	1
2099	0	424	37.5451	88.4822	-638.5	PPCV	7.66	2.86	1.03	0.373	2.788	7.477	1634.	40.	1.	756.1	28.0	1
2100	0	432	37.5451	88.4815	-638.0	PPCV	9.03	1.74	1.06	0.193	1.642	8.502	1514.	47.	4.	756.1	28.0	1
2101	0	448	37.5451	88.4807	-637.0	PPCV	6.44	2.77	0.97	0.430	2.844	6.614	1484.	53.	2.	756.1	28.0	1
2102	0	444	37.5451	88.4799	-636.0	PPCV	5.39	3.35	0.99	0.622	3.386	5.440	1347.	55.	6.	755.5	28.0	1
2103	10	452	37.5451	88.4792	-635.0	PPCV	5.77	1.37	1.05	0.0	0.0	5.498	1288.	41.	6.	755.5	28.0	1
2104	0	468	37.5451	88.4784	-634.2	PPCV	5.57	2.76	0.81	0.495	3.418	6.902	1390.	36.	4.	756.6	27.9	1
2105	10	472	37.5451	88.4777	-634.0	MCU	4.98	0.64	1.06	0.0	0.0	4.724	1257.	48.	10.	756.1	27.9	1
2106	10	472	37.5451	88.4769	-631.0	MCU	7.20	0.70	0.76	0.0	0.0	9.430	1266.	43.	10.	755.0	27.9	1
2107	0	476	37.5451	88.4761	-631.0	MCU	4.77	2.75	0.87	0.577	3.147	5.459	1276.	29.	10.	755.5	27.9	1
2108	10	496	37.5451	88.4754	-628.5	MCU	5.40	1.76	0.75	0.0	0.0	7.252	1328.	39.	14.	755.5	27.9	1
2109	10	524	37.5451	88.4746	-628.0	MCU	6.46	1.02	0.90	0.0	0.0	7.175	1384.	38.	17.	755.5	27.9	1
2110	10	572	37.5451	88.4738	-627.5	PPAB	8.92	-0.22	1.25	0.0	0.0	7.139	1556.	36.	16.	756.1	27.9	1
2111	10	608	37.5451	88.4731	-626.2	PPAB	10.88	-1.72	1.09	0.0	0.0	9.974	1648.	40.	14.	756.6	27.9	1
2112	10	604	37.5451	88.4723	-626.5	PPAB	8.60	0.20	1.19	0.0	0.0	7.237	1590.	44.	13.	756.1	27.9	1
2113	0	592	37.5451	88.4716	-625.0	PPAB	8.22	2.79	0.73	0.339	3.810	11.225	1675.	38.	11.	755.5	27.9	1
2114	0	572	37.5451	88.4708	-624.0	PPAB	7.09	3.43	0.78	0.484	4.400	9.087	1491.	44.	5.	756.6	27.9	1
2115	0	576	37.5451	88.4700	-623.7	PPAB	6.63	3.58	0.83	0.541	4.295	7.942	1561.	32.	6.	757.1	28.0	1
2116	111	592	37.5451	88.4693	-622.7	PPAB	7.60	6.12	0.72	0.0	0.0	0.0	1635.	46.	2.	749.9	28.0	1
2117	0	604	37.5451	88.4685	-622.0	PPAB	7.20	4.18	0.84	0.581	4.976	8.571	1630.	43.	6.	754.5	2800.0	1
2118	0	624	37.5451	88.4677	-619.7	PPAB	9.97	4.06	0.86	0.408	4.745	11.643	1680.	43.	6.	754.5	28.0	1
2119	0	616	37.5452	88.4670	-618.2	PPAB	8.06	4.40	1.13	0.546	3.892	7.131	1618.	39.	6.	756.6	28.1	1
2120	10	600	37.5452	88.4662	-617.2	PPAB	8.39	0.62	1.38	0.0	0.0	6.089	1640.	43.	8.	755.0	28.1	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2121	0	600	37.5452	88.4654	-617.0	PPAB	7.51	3.16	1.40	0.421	2.261	5.367	1752.	46.	8.	755.0	28.2	1
2122	0	608	37.5452	88.4646	-614.2	PPAB	6.82	2.66	1.29	0.389	2.063	5.300	1715.	39.	8.	755.5	28.2	1
2123	10	608	37.5452	88.4639	-614.5	PPAB	8.45	1.63	1.09	0.0	0.0	7.734	1581.	40.	10.	754.5	28.2	1
2124	10	620	37.5451	88.4632	-614.7	PPAB	9.44	-0.36	1.10	0.0	0.0	8.605	1539.	38.	12.	755.5	28.2	1
2125	0	628	37.5451	88.4623	-614.0	PPAB	4.95	3.87	0.64	0.783	6.023	7.690	1487.	36.	13.	755.0	28.2	1
2126	0	596	37.5451	88.4616	-612.2	PPAB	6.32	4.10	0.90	0.649	4.532	6.983	1548.	40.	12.	754.5	28.1	1
2127	10	596	37.5451	88.4608	-613.0	PPAB	8.34	1.20	1.28	0.0	0.0	6.521	1541.	46.	12.	756.1	28.1	1
2128	0	572	37.5451	88.4601	-611.2	PPAB	6.47	2.64	0.81	0.408	3.275	8.030	1327.	41.	12.	755.0	28.1	1
2129	10	572	37.5451	88.4592	-610.7	PPAB	8.11	1.80	1.33	0.0	0.0	6.092	1555.	38.	5.	755.0	28.1	1
2130	10	552	37.5451	88.4585	-608.5	PPAB	5.53	1.74	1.00	0.0	0.0	5.556	1403.	45.	8.	755.5	28.3	1
2131	0	520	37.5452	88.4577	-607.7	PPAB	7.21	3.78	0.92	0.523	4.113	7.857	1443.	46.	2.	755.0	28.1	1
2132	0	496	37.5452	88.4569	-606.7	PPAB	6.64	1.84	0.95	0.276	1.927	6.972	1349.	35.	7.	755.0	28.1	1
2133	0	496	37.5452	88.4562	-606.7	PPAB	5.31	2.46	0.74	0.464	3.351	7.214	1310.	46.	9.	754.0	28.2	1
2134	0	500	37.5452	88.4554	-605.2	PPAB	5.98	3.12	1.02	0.521	3.047	5.849	1404.	36.	10.	754.5	28.2	1
2135	10	508	37.5452	88.4547	-603.0	PPAB	6.53	-0.22	1.23	0.0	0.0	5.294	1352.	40.	14.	756.1	28.2	1
2136	10	512	37.5452	88.4539	-601.5	PPAB	5.49	0.78	0.92	0.0	0.0	5.945	1305.	47.	11.	755.0	28.1	1
2137	0	508	37.5452	88.4531	-602.7	PPAB	2.97	3.19	0.95	1.072	3.356	3.131	1293.	50.	12.	756.1	28.1	1
2138	10	496	37.5452	88.4524	-602.0	PPAB	7.64	0.41	0.97	0.0	0.0	7.866	1394.	38.	9.	755.5	28.1	1
2139	0	500	37.5451	88.4516	-598.7	PPAB	4.66	1.66	0.92	0.357	1.808	5.069	1309.	48.	8.	755.0	28.1	1
2140	0	516	37.5452	88.4508	-597.5	PPAB	4.73	3.46	0.83	0.733	4.159	5.672	1388.	47.	4.	756.1	28.0	1
2141	0	496	37.5452	88.4501	-596.2	PPAB	5.43	2.92	0.82	0.537	3.548	6.604	1463.	42.	4.	755.0	28.0	1
2142	0	468	37.5452	88.4493	-595.2	PPAB	6.47	4.13	0.84	0.637	4.921	7.723	1530.	35.	0.	754.5	28.0	1
2143	0	432	37.5452	88.4486	-594.2	PPAB	5.91	2.80	0.85	0.475	3.311	6.972	1372.	41.	3.	755.0	28.1	1
2144	0	416	37.5452	88.4478	-592.7	PPAB	6.31	3.34	0.95	0.530	3.529	6.661	1450.	39.	1.	755.5	28.1	1
2145	0	432	37.5452	88.4470	-593.0	PPAB	5.49	3.31	1.19	0.604	2.779	4.600	1478.	46.	0.	756.1	28.1	1
2146	0	444	37.5452	88.4463	-592.5	PPAB	4.73	4.56	0.93	0.965	4.912	5.090	1457.	45.	0.	755.0	28.2	1
2147	0	468	37.5452	88.4455	-590.5	PPCV	5.25	3.87	1.19	0.737	3.250	4.411	1532.	32.	1.	754.5	28.1	1
2148	0	460	37.5452	88.4447	-588.5	PPCV	6.39	2.75	0.97	0.430	2.844	6.608	1477.	33.	0.	755.0	28.1	1
2149	0	456	37.5452	88.4440	-588.7	PPCV	6.48	1.94	0.91	0.299	2.119	7.095	1281.	34.	4.	754.0	28.1	1
2150	10	472	37.5452	88.4432	-586.5	PPCV	5.71	0.99	0.76	0.0	0.0	7.521	1162.	37.	4.	755.0	28.0	1
2151	0	532	37.5452	88.4424	-585.0	PPCV	4.83	1.65	0.66	0.341	2.488	7.306	1210.	30.	7.	755.5	28.1	1
2152	10	536	37.5452	88.4416	-585.2	PPCV	5.34	0.04	0.94	0.0	0.0	5.703	1140.	37.	6.	755.0	28.0	1
2153	0	516	37.5452	88.4409	-584.2	PPCV	4.71	2.13	0.61	0.451	3.500	7.756	1155.	36.	4.	755.5	28.0	1
2154	10	512	37.5452	88.4402	-581.2	MCU	4.28	1.05	0.79	0.0	0.0	5.400	1211.	40.	8.	755.5	27.9	1
2155	0	536	37.5452	88.4393	-579.5	MCU	3.12	2.56	0.57	0.820	4.463	5.444	1077.	39.	9.	756.1	27.9	1
2156	0	580	37.5452	88.4386	-580.0	MCU	2.80	3.99	0.70	1.426	5.685	3.986	995.	51.	1.	755.5	27.9	1
2157	10	620	37.5452	88.4378	-578.5	MCU	3.88	1.37	0.96	0.0	0.0	4.023	1128.	35.	4.	755.0	28.0	1
2158	0	648	37.5452	88.4370	-577.2	MCU	5.29	2.97	0.76	0.562	3.886	6.917	1252.	35.	3.	756.6	28.0	1
2159	0	680	37.5452	88.4362	-576.7	MCU	5.56	3.66	0.81	0.659	4.536	6.886	1308.	49.	3.	755.5	27.9	1
2160	0	692	37.5452	88.4355	-574.2	MCU	3.22	3.35	0.85	1.041	3.919	3.765	1364.	39.	4.	755.5	27.9	1
2161	10	668	37.5452	88.4347	-572.5	MCU	7.81	1.53	0.81	0.0	0.0	9.612	1319.	36.	4.	756.6	27.9	1
2162	0	648	37.5452	88.4339	-572.5	MCU	6.74	3.73	0.67	0.553	5.587	10.106	1342.	36.	7.	755.5	27.9	1
2163	10	636	37.5452	88.4332	-570.7	MCU	7.18	1.34	0.97	0.0	0.0	7.398	1442.	35.	10.	757.1	28.0	1
2164	0	636	37.5452	88.4324	-568.7	MCU	7.11	4.19	0.98	0.590	4.275	7.244	1532.	44.	7.	757.6	28.1	1
2165	0	592	37.5452	88.4317	-567.7	MCU	7.20	2.59	1.15	0.360	2.249	6.255	1545.	40.	9.	756.1	28.2	1
2166	10	572	37.5452	88.4309	-567.0	MCU	6.49	0.15	1.32	0.0	0.0	4.931	1439.	36.	12.	758.1	28.2	1
2167	10	580	37.5452	88.4301	-565.2	MCU	5.73	0.44	1.45	0.0	0.0	3.955	1424.	43.	11.	758.1	28.2	1
2168	10	584	37.5452	88.4294	-563.7	MCU	8.77	1.43	1.20	0.0	0.0	7.284	1577.	53.	9.	757.6	28.2	1
2169	0	564	37.5452	88.4286	-561.5	MCU	5.24	2.46	1.11	0.470	2.213	4.713	1666.	45.	10.	759.2	28.3	1
2170	10	536	37.5452	88.4278	-560.7	MCU	8.47	1.22	1.15	0.0	0.0	7.385	1596.	42.	5.	758.7	28.3	1
2171	0	516	37.5452	88.4271	-558.2	MCU	6.11	2.63	1.34	0.430	1.956	4.546	1621.	36.	4.	758.7	28.4	1
2172	0	492	37.5452	88.4263	-556.7	MCU	10.74	1.92	1.08	0.179	1.787	9.987	1557.	32.	0.	759.2	28.4	1
2173	0	456	37.5452	88.4256	-555.5	MCU	8.20	3.58	1.24	0.436	2.878	6.593	1714.	33.	0.	758.7	28.5	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2174	0	440	37.5452	88.4248	-553.2	MCU	5.77	5.82	0.82	1.010	7.082	7.012	1515.	35.	0.	759.2	28.5	1
2175	0	436	37.5452	88.4240	-551.0	MCU	6.43	4.22	0.91	0.656	4.651	7.093	1525.	38.	0.	759.2	28.5	1
2176	0	444	37.5452	88.4233	-548.7	MCU	5.76	2.96	0.82	0.513	3.614	7.042	1387.	41.	0.	760.2	28.5	1
2177	0	444	37.5452	88.4224	-548.0	MCL	6.05	3.53	0.76	0.584	4.663	7.979	1224.	38.	0.	759.7	28.6	1
2178	0	444	37.5452	88.4217	-547.7	MCL	3.42	2.12	0.79	0.620	2.673	4.311	1201.	40.	6.	759.2	28.6	1
2179	10	484	37.5452	88.4210	-546.0	MCL	4.80	0.95	0.71	0.0	0.0	6.783	1195.	30.	11.	760.2	28.6	1
2180	10	520	37.5452	88.4202	-542.5	MCL	3.67	1.13	0.92	0.0	0.0	3.999	1129.	44.	12.	758.7	28.6	1
2181	0	500	37.5452	88.4194	-542.2	MCL	4.15	1.87	0.73	0.450	2.573	5.715	1156.	46.	13.	758.7	28.6	1
2182	0	484	37.5452	88.4186	-542.0	MCL	7.02	2.52	0.68	0.359	3.693	10.295	1237.	36.	11.	760.2	28.6	1
2183	10	476	37.5452	88.4178	-537.7	MCL	6.13	1.25	0.88	0.0	0.0	6.975	1300.	52.	15.	759.2	28.6	1
2184	0	492	37.5452	88.4172	-536.2	MCL	8.78	2.82	0.93	0.322	3.039	9.441	1527.	37.	10.	758.7	28.6	1
2185	10	496	37.5452	88.4163	-536.0	MCL	5.48	1.39	1.18	0.0	0.0	4.643	1481.	42.	12.	759.7	28.6	1
2186	0	488	37.5452	88.4156	-531.7	MCL	7.49	2.51	1.10	0.335	2.287	6.826	1602.	35.	10.	759.2	28.6	1
2187	0	484	37.5452	88.4149	-529.2	MCL	7.50	3.92	0.92	0.523	4.262	8.151	1501.	35.	9.	759.7	28.6	1
2188	0	492	37.5452	88.4140	-529.0	MVU	5.74	2.60	1.47	0.452	1.765	3.905	1586.	39.	12.	759.7	28.5	1
2189	0	500	37.5453	88.4132	-524.5	MVU	4.74	3.38	1.09	0.713	3.103	4.352	1465.	42.	7.	759.2	28.5	1
2190	10	516	37.5453	88.4125	-523.7	MVU	7.86	0.32	1.54	0.0	0.0	5.093	1425.	41.	10.	759.2	28.5	1
2191	10	540	37.5453	88.4117	-524.7	MVU	6.68	1.09	1.08	0.0	0.0	6.161	1510.	42.	8.	759.2	28.4	1
2192	10	540	37.5453	88.4109	-522.5	MVU	5.13	1.49	1.13	0.0	0.0	4.555	1576.	29.	12.	760.2	28.4	1
2193	10	548	37.5452	88.4102	-519.2	MVU	6.93	1.29	1.04	0.0	0.0	6.640	1492.	34.	10.	759.7	28.4	1
2194	0	560	37.5452	88.4094	-518.7	MVU	6.06	3.44	0.68	0.568	5.062	8.916	1362.	39.	9.	758.7	28.3	1
2195	0	560	37.5452	88.4087	-518.7	MVU	5.91	3.24	0.81	0.549	4.028	7.336	1340.	45.	3.	758.7	28.3	1
2196	10	560	37.5452	88.4079	-515.2	MVU	6.93	1.59	1.08	0.0	0.0	6.422	1303.	41.	5.	758.7	28.4	1
2197	0	556	37.5452	88.4071	-512.5	MVU	5.50	3.26	0.96	0.593	3.403	5.737	1423.	37.	6.	759.2	28.4	1
2198	0	564	37.5452	88.4064	-510.7	MVU	8.02	4.28	0.88	0.533	4.876	9.149	1575.	36.	7.	759.2	28.4	1
2199	0	576	37.5452	88.4056	-510.0	MVU	7.80	2.08	1.17	0.267	1.779	6.663	1585.	35.	7.	759.2	28.4	1
2200	0	584	37.5453	88.4048	-507.7	MVU	10.20	3.13	0.95	0.307	3.307	10.772	1774.	35.	6.	759.2	28.3	1
2201	10	592	37.5453	88.4041	-505.5	MVU	9.71	1.46	1.05	0.0	0.0	9.246	1643.	39.	6.	758.7	28.3	1
2202	10	600	37.5453	88.4033	-503.7	MVU	11.31	1.63	1.14	0.0	0.0	9.923	1756.	45.	12.	759.2	28.3	1
2203	10	596	37.5453	88.4025	-500.5	MVU	14.49	0.64	1.28	0.0	0.0	11.361	1840.	31.	10.	759.2	28.3	1
2204	10	592	37.5453	88.4018	-498.7	MVU	12.59	0.90	0.89	0.0	0.0	14.205	1757.	43.	11.	758.7	28.2	1
2205	0	592	37.5453	88.4010	-496.5	MVU	10.10	2.86	1.16	0.283	2.459	8.696	1935.	35.	15.	759.2	28.2	1
2206	10	532	37.5453	88.4003	-494.5	MVU	11.74	0.42	1.27	0.0	0.0	9.209	1848.	38.	16.	758.7	28.1	1
2207	0	528	37.5453	88.3994	-493.0	MVU	9.35	2.12	1.11	0.227	1.909	8.404	1799.	45.	14.	758.7	28.1	1
2208	0	532	37.5453	88.3987	-490.5	MVM-2	7.32	2.25	1.11	0.307	2.026	6.603	1646.	40.	19.	759.2	28.1	1
2209	0	524	37.5453	88.3980	-488.0	MVM-2	6.91	3.07	0.90	0.444	3.404	7.658	1661.	39.	15.	759.2	28.1	1
2210	0	524	37.5452	88.3972	-485.5	MVM-2	6.91	2.05	1.10	0.297	1.869	6.297	1698.	34.	17.	759.7	28.1	1
2211	10	524	37.5452	88.3964	-485.0	MVM-2	9.65	1.39	1.02	0.0	0.0	9.456	1733.	41.	15.	759.2	28.1	1
2212	10	520	37.5453	88.3957	-483.0	MVM-2	10.84	0.55	0.92	0.0	0.0	11.734	1632.	50.	10.	759.2	28.1	1
2213	10	508	37.5453	88.3949	-480.5	MVM-2	10.55	1.16	1.32	0.0	0.0	7.997	1606.	43.	13.	760.2	28.1	1
2214	0	516	37.5453	88.3941	-478.5	MVM-2	9.19	3.03	1.04	0.329	2.909	8.842	1719.	37.	10.	758.7	28.1	1
2215	0	516	37.5453	88.3933	-476.5	MVM-2	7.21	2.28	1.19	0.316	1.919	6.081	1641.	54.	11.	758.7	28.2	1
2216	0	508	37.5453	88.3925	-473.7	MVM-2	7.89	4.23	1.18	0.537	3.597	6.703	1687.	40.	6.	760.2	28.3	1
2217	0	504	37.5453	88.3919	-471.0	MVM-2	9.92	4.43	0.92	0.447	4.820	10.785	1723.	40.	5.	759.2	28.4	1
2218	0	512	37.5453	88.3910	-467.7	MVM-2	5.71	5.10	1.42	0.894	3.585	4.012	1791.	31.	5.	759.2	28.3	1
2219	0	512	37.5453	88.3903	-464.5	MVM-2	10.26	2.51	1.10	0.245	2.284	9.342	1703.	39.	5.	759.7	28.3	1
2220	0	516	37.5453	88.3895	-463.7	MVM-2	8.84	1.92	1.11	0.217	1.727	7.957	1697.	27.	5.	758.7	28.2	1
2221	0	512	37.5453	88.3887	-462.7	MVM-2	7.60	3.54	0.91	0.465	3.902	8.386	1736.	44.	7.	759.7	28.2	1
2222	0	504	37.5453	88.3879	-459.7	MVM-2	9.29	3.21	0.95	0.346	3.370	9.745	1674.	32.	8.	759.7	28.1	1
2223	0	496	37.5453	88.3872	-456.7	MVM-2	8.73	2.01	1.11	0.230	1.800	7.833	1748.	30.	11.	758.7	28.1	1
2224	0	484	37.5453	88.3864	-454.2	MVM-2	8.69	2.99	1.26	0.344	2.365	6.884	1709.	44.	10.	760.2	28.0	1
2225	10	476	37.5453	88.3857	-452.7	MVM-2	9.26	0.07	1.22	0.0	0.0	7.603	1674.	37.	12.	760.2	27.9	1
2226	0	472	37.5453	88.3849	-449.5	MVM-2	8.62	4.38	0.90	0.508	4.839	9.530	1788.	35.	9.	758.1	27.9	1

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2227	0	464	37.5453	88.3841	-446.7	MVM-2	8.75	2.32	1.32	0.265	1.759	6.634	1683.	37.	10.	759.2	28.0	1
2228	0	452	37.5453	88.3834	-442.7	MVM-1	5.85	4.41	1.06	0.754	4.143	5.497	1725.	40.	10.	759.2	28.1	1
2229	0	436	37.5453	88.3826	-439.2	MVM-1	8.59	3.42	0.91	0.398	3.774	9.472	1580.	43.	5.	759.2	28.2	1
2230	0	428	37.5453	88.3818	-437.5	MVM-1	6.56	2.67	1.21	0.408	2.211	5.423	1610.	44.	7.	759.2	28.2	1
2231	0	416	37.5453	88.3811	-436.7	MVM-1	6.45	4.02	0.86	0.624	4.696	7.528	1485.	45.	2.	758.7	28.2	1
2232	0	364	37.5453	88.3803	-434.2	MVM-1	6.36	2.35	0.93	0.370	2.530	6.843	1322.	33.	4.	758.7	28.1	1
2233	0	356	37.5453	88.3795	-431.2	MVM-1	3.27	3.67	0.66	1.122	5.516	4.915	1211.	52.	4.	759.2	28.1	1
2234	0	324	37.5453	88.3788	-428.0	MVM-1	5.60	1.93	0.84	0.345	2.291	6.633	1219.	39.	1.	759.2	28.1	1
2235	0	340	37.5453	88.3780	-425.2	MVM-1	5.08	2.78	0.64	0.548	4.325	7.898	1218.	44.	2.	759.2	28.1	1
2236	0	348	37.5453	88.3772	-423.2	MVM-1	5.77	1.48	0.94	0.257	1.582	6.158	1355.	44.	3.	758.7	28.1	1
2237	0	352	37.5453	88.3765	-421.0	MVM-1	5.84	2.40	0.70	0.412	3.436	8.346	1341.	46.	7.	758.7	28.1	1
2238	0	356	37.5453	88.3757	-417.7	MVM-1	7.33	3.64	0.74	0.496	4.920	9.922	1423.	50.	3.	759.7	28.1	1
2239	0	376	37.5453	88.3750	-415.2	MVM-1	7.44	3.19	0.92	0.430	3.461	8.057	1473.	44.	4.	758.7	28.2	1
2240	0	428	37.5453	88.3741	-409.5	MVM-1	10.24	2.99	1.07	0.292	2.792	9.573	1693.	41.	2.	758.7	28.2	1
2241	0	440	37.5453	88.3734	-405.0	MVM-1	6.21	2.94	1.02	0.474	2.881	6.081	1594.	38.	8.	759.7	28.2	1
2242	10	420	37.5453	88.3727	-401.0	MVM-1	8.78	1.14	1.30	0.0	0.0	6.748	1557.	38.	6.	758.7	28.1	1
2243	10	376	37.5453	88.3719	-393.7	MVM-1	7.13	0.35	1.22	0.0	0.0	5.866	1399.	50.	8.	758.7	28.0	1
2244	0	376	37.5453	88.3711	-387.5	MVM-1	5.53	2.42	1.04	0.437	2.330	5.334	1452.	41.	5.	759.7	27.9	1
2245	0	388	37.5453	88.3703	-385.5	MVM-1	7.75	2.90	0.96	0.374	3.002	8.036	1487.	32.	3.	758.7	27.9	1
2246	0	380	37.5453	88.3696	-382.5	MVM-1	5.48	1.81	1.10	0.330	1.640	4.964	1466.	35.	3.	759.7	27.9	1
2247	0	340	37.5453	88.3689	-379.5	MVM-1	6.59	4.05	0.91	0.614	4.454	7.258	1513.	35.	4.	759.2	27.8	1
2248	0	308	37.5453	88.3680	-380.7	MVM-1	5.46	2.50	0.74	0.457	3.384	7.402	1388.	51.	3.	758.1	27.8	1
2249	0	340	37.5453	88.3673	-380.2	MVM-1	6.28	1.97	1.15	0.314	1.709	5.447	1486.	46.	7.	759.2	27.8	1
2250	0	396	37.5453	88.3665	-377.5	MVM-1	5.71	2.14	1.20	0.376	1.789	4.759	1582.	40.	9.	758.7	27.8	1
2251	0	412	37.5453	88.3657	-373.7	MVM-1	8.32	2.64	1.00	0.317	2.651	8.350	1701.	24.	14.	758.7	27.8	1
2252	10	400	37.5453	88.3649	-369.7	MVM-1	6.91	1.26	1.13	0.0	0.0	6.094	1541.	36.	14.	759.7	27.7	1
2253	0	368	37.5453	88.3642	-366.7	MVM-1	5.96	2.22	0.83	0.372	2.657	7.144	1485.	25.	13.	758.7	27.7	1
2254	0	372	37.5453	88.3634	-366.5	MVM-1	8.48	1.70	1.05	0.201	1.623	8.088	1509.	26.	11.	758.7	27.7	1
2255	0	384	37.5453	88.3627	-364.5	MVM-1	4.58	2.86	0.84	0.625	3.427	5.483	1500.	39.	12.	759.2	27.8	1
2256	0	392	37.5453	88.3619	-362.7	MVM-1	5.54	1.83	1.11	0.329	1.640	4.979	1478.	49.	11.	759.2	27.9	1
2257	0	404	37.5453	88.3611	-363.2	MVM-1	8.13	2.56	1.24	0.315	2.056	6.532	1616.	39.	7.	760.2	27.9	1
2258	10	456	37.5453	88.3604	-365.5	MVM-1	9.36	0.82	1.28	0.0	0.0	7.326	1670.	46.	8.	758.7	27.9	1
2259	0	460	37.5453	88.3596	-364.2	MVM-2	9.06	2.92	1.43	0.322	2.035	6.318	1671.	53.	4.	759.2	27.9	1
2260	0	440	37.5453	88.3588	-361.5	MVM-2	7.71	3.02	1.13	0.391	2.673	6.836	1610.	39.	6.	760.2	27.8	1
2261	0	432	37.5453	88.3581	-358.5	MVM-2	7.67	3.38	0.97	0.440	3.491	7.932	1670.	43.	2.	759.7	27.8	1
2262	10	440	37.5453	88.3573	-356.2	MVM-2	8.87	1.60	1.29	0.0	0.0	6.894	1672.	47.	5.	760.2	27.7	1
2263	0	452	37.5453	88.3566	-354.2	MVM-2	10.52	4.02	1.52	0.383	2.646	6.916	1829.	34.	1.	759.7	27.7	1
2264	0	444	37.5453	88.3558	-351.5	MVM-2	8.34	3.24	1.08	0.389	2.995	7.701	1660.	41.	6.	760.2	27.7	1
2265	0	440	37.5453	88.3550	-348.7	MVM-2	6.99	3.41	1.19	0.488	2.869	5.881	1595.	36.	6.	761.2	27.8	1
2266	10	460	37.5453	88.3543	-346.5	MVM-2	9.40	1.33	1.25	0.0	0.0	7.542	1705.	40.	7.	760.2	27.8	1
2267	0	440	37.5453	88.3535	-344.0	MVM-2	6.23	2.07	1.49	0.333	1.391	4.182	1753.	39.	6.	759.7	27.8	1
2268	10	456	37.5453	88.3527	-341.5	MVM-2	10.44	1.47	1.29	0.0	0.0	8.099	1722.	38.	6.	760.2	27.9	1
2269	0	456	37.5453	88.3520	-341.7	MVM-2	6.69	2.10	1.19	0.314	1.762	5.617	1622.	41.	7.	760.2	27.9	1
2270	10	448	37.5454	88.3511	-338.2	MVM-2	7.27	1.37	1.35	0.0	0.0	5.381	1640.	35.	11.	759.7	28.0	1
2271	0	448	37.5454	88.3504	-337.0	MVM-2	7.80	3.36	1.19	0.430	2.810	6.533	1703.	38.	10.	759.2	28.1	1
2272	10	460	37.5454	88.3497	-335.5	MVM-2	8.78	1.21	1.35	0.0	0.0	6.521	1696.	41.	9.	760.7	28.1	1
2273	10	472	37.5454	88.3488	-333.7	MVM-2	9.52	1.15	1.19	0.0	0.0	8.006	1698.	40.	13.	760.7	28.2	1
2274	10	500	37.5453	88.3481	-332.5	MVM-2	8.38	0.41	1.12	0.0	0.0	7.495	1660.	33.	15.	758.7	28.2	1
2275	0	504	37.5453	88.3473	-330.2	MVM-2	9.30	2.05	1.05	0.220	1.944	8.824	1690.	34.	11.	759.7	28.1	1
2276	0	492	37.5453	88.3465	-327.0	MVM-2	8.43	1.81	1.26	0.215	1.442	6.697	1742.	32.	7.	759.2	28.1	1
2277	0	492	37.5453	88.3458	-325.5	MVM-2	8.75	4.14	1.12	0.474	3.684	7.778	1710.	39.	3.	759.2	28.0	1
2278	10	452	37.5453	88.3450	-324.0	MVM-2	10.14	0.92	1.24	0.0	0.0	8.146	1553.	37.	5.	761.2	28.0	1
2279	0	444	37.5453	88.3443	-320.0	MVM-2	6.39	3.30	1.04	0.517	3.185	6.160	1557.	44.	5.	760.2	28.0	1

*	TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2280	0	472	37.5453	88.3436	-319.2		MVM-2	8.81	2.56	1.25	0.291	2.049	7.052	1595.	38.	3.	760.2	28.0	1
2281	0	472	37.5453	88.3427	-317.5		MVM-2	8.00	3.95	1.41	0.494	2.807	5.685	1683.	44.	4.	761.8	28.0	1
2282	0	476	37.5454	88.3419	-313.0		MVM-2	7.24	2.91	1.13	0.402	2.583	6.426	1536.	45.	4.	759.7	28.0	1
2283	0	480	37.5454	88.3412	-312.2		MVM-2	10.84	2.29	1.42	0.211	1.616	7.656	1778.	38.	4.	759.7	28.1	1
2284	0	480	37.5454	88.3404	-311.7		MVM-2	10.09	2.40	1.24	0.238	1.943	8.159	1708.	33.	5.	761.8	28.1	1
2285	0	496	37.5454	88.3397	-309.0		MVM-2	8.04	2.02	1.19	0.251	1.691	6.733	1631.	37.	5.	760.2	28.3	1
2286	0	516	37.5454	88.3389	-307.2		MVM-2	8.64	2.82	1.27	0.326	2.226	6.826	1634.	37.	9.	760.2	28.3	1
2287	10	524	37.5454	88.3381	-306.7		QAL	6.70	1.07	1.03	0.0	0.0	6.484	1497.	45.	13.	761.8	28.3	1
2288	0	528	37.5453	88.3374	-303.2		QAL	7.66	2.09	0.99	0.273	2.112	7.741	1547.	29.	10.	760.7	28.2	1
2289	0	532	37.5453	88.3366	-302.5		QAL	8.38	2.09	1.00	0.249	2.087	8.378	1367.	52.	9.	760.7	28.3	1
2290	0	500	37.5453	88.3358	-301.0		MVM-1	9.39	2.63	0.69	0.280	3.800	13.566	1474.	36.	5.	760.7	28.2	1
2291	0	428	37.5453	88.3351	-296.0		MVM-1	7.86	1.63	0.99	0.208	1.650	7.941	1278.	48.	3.	759.2	28.3	1
2292	0	416	37.5453	88.3343	-292.5		MVM-1	5.12	2.42	0.98	0.472	2.461	5.213	1327.	44.	2.	760.2	28.4	1
2293	0	496	37.5453	88.3335	-291.0		MVM-1	5.47	1.67	1.22	0.305	1.366	4.478	1382.	43.	5.	760.2	28.4	1
2294	0	544	37.5453	88.3328	-287.5		MVM-1	7.80	4.42	1.19	0.567	3.720	6.562	1574.	44.	2.	757.6	28.4	1
2295	0	496	37.5453	88.3321	-284.5		MVU	5.40	2.24	1.13	0.414	1.983	4.785	1435.	45.	3.	758.7	28.4	1
2296	0	456	37.5453	88.3314	-284.0		MVU	6.24	4.35	0.79	0.697	5.543	7.954	1379.	36.	5.	760.7	28.3	1
2297	0	428	37.5453	88.3306	-282.0		MVU	6.37	3.25	0.69	0.510	4.741	9.297	1305.	35.	4.	758.7	28.3	1
2298	10	420	37.5453	88.3299	-278.0		MVU	5.82	1.35	0.69	0.0	0.0	8.477	1211.	38.	4.	759.7	28.2	1
2299	0	412	37.5453	88.3292	-274.5		MVU	4.65	2.06	0.68	0.442	3.045	6.882	1133.	36.	6.	760.7	28.2	1
2300	0	428	37.5453	88.3285	-274.7		MVU	6.20	3.17	0.90	0.511	3.520	6.892	1206.	45.	3.	758.7	28.2	1
2301	0	440	37.5453	88.3277	-271.2		MVU	4.18	2.74	0.78	0.656	3.530	5.380	1237.	39.	4.	759.2	28.2	1
2302	0	432	37.5452	88.3270	-267.0		MVU	3.60	3.93	0.86	1.093	4.547	4.162	1247.	33.	5.	761.2	28.2	1
2303	0	436	37.5452	88.3263	-266.0		MVU	4.94	1.90	0.60	0.384	3.159	8.219	1200.	33.	6.	759.2	28.1	1
2304	0	440	37.5452	88.3256	-263.5		MVU	4.86	2.02	0.88	0.416	2.288	5.502	1247.	35.	8.	758.7	28.1	1
2305	0	480	37.5452	88.3249	-260.5		MVU	7.98	1.77	1.07	0.221	1.647	7.439	1373.	41.	5.	760.7	28.1	1
2306	10	496	37.5452	88.3242	-259.7		QAL	5.94	1.63	1.15	0.0	0.0	5.160	1433.	50.	8.	759.2	28.0	1
2307	0	504	37.5452	88.3234	-256.5		QAL	8.76	2.08	1.18	0.238	1.760	7.402	1490.	42.	7.	759.2	28.0	1
2308	0	516	37.5452	88.3227	-255.0		QAL	7.44	2.92	0.95	0.392	3.072	7.837	1539.	41.	3.	760.2	28.1	1
2309	0	540	37.5452	88.3220	-252.2		QAL	7.37	3.78	1.10	0.513	3.451	6.724	1602.	50.	5.	759.2	28.1	1
2310	0	536	37.5452	88.3212	-249.0		QAL	6.99	3.01	0.95	0.431	3.186	7.391	1591.	36.	6.	759.7	28.1	1
2311	0	500	37.5451	88.3205	-248.7		MVU	4.02	4.23	0.80	1.053	5.262	4.998	1498.	42.	6.	760.7	28.0	1
2312	10	448	37.5451	88.3198	-247.2		MVU	7.22	1.61	0.95	0.0	0.0	7.602	1335.	48.	9.	758.7	28.0	1
2313	0	440	37.5451	88.3191	-242.7		MVU	7.22	4.26	0.75	0.589	5.702	9.679	1431.	35.	5.	759.7	27.9	1
2314	0	472	37.5451	88.3184	-241.0		MVU	7.03	2.10	1.07	0.299	1.974	6.596	1536.	29.	6.	760.7	27.9	1
2315	0	492	37.5451	88.3177	-238.2		QAL	7.12	1.86	1.23	0.262	1.513	5.784	1562.	42.	7.	758.7	27.9	1
2316	0	472	37.5450	88.3169	-237.0		QAL	5.80	2.60	1.13	0.449	2.304	5.134	1505.	29.	8.	760.7	27.9	1
2317	10	484	37.5450	88.3162	-236.2		QAL	6.69	1.58	1.11	0.0	0.0	6.003	1418.	48.	8.	760.7	28.0	1
2318	0	524	37.5450	88.3155	-237.0		MVU	5.84	3.52	1.02	0.602	3.437	5.712	1639.	48.	8.	758.7	28.0	1
2319	0	516	37.5450	88.3147	-232.2		MVU	8.25	3.85	0.88	0.467	4.382	9.377	1631.	33.	3.	761.8	28.0	1
2320	10	508	37.5450	88.3140	-230.5		MVU	5.60	1.56	1.45	0.0	0.0	3.864	1602.	44.	7.	760.7	28.0	1
2321	0	492	37.5450	88.3133	-229.2		MVU	4.22	4.45	0.98	1.056	4.531	4.292	1495.	51.	1.	758.7	27.9	1
2322	0	452	37.5449	88.3126	-225.5		MVU	6.64	3.87	0.80	0.582	4.807	8.257	1365.	38.	2.	760.7	27.9	1
2323	0	436	37.5449	88.3119	-222.5		MVU	4.62	3.47	0.87	0.751	3.969	5.283	1303.	37.	2.	760.7	27.9	1
2324	0	408	37.5449	88.3111	-222.0		MVU	5.19	2.81	0.91	0.541	3.071	5.673	1292.	36.	2.	759.2	27.9	1
2325	0	388	37.5449	88.3104	-219.7		MVU	6.30	2.25	1.13	0.357	1.982	5.551	1449.	38.	3.	761.2	27.9	1
2326	0	400	37.5449	88.3097	-218.2		MVU	5.71	2.92	0.89	0.512	3.291	6.423	1485.	43.	3.	760.7	28.0	1
2327	0	408	37.5449	88.3089	-217.5		MVU	7.72	2.40	1.28	0.310	1.875	6.039	1581.	41.	7.	759.7	28.0	1
2328	0	424	37.5449	88.3082	-214.0		MVU	6.33	2.78	1.19	0.440	2.334	5.308	1613.	46.	8.	761.8	28.0	1
2329	0	440	37.5449	88.3075	-211.2		MVU	7.03	3.17	1.20	0.451	2.645	5.859	1617.	43.	4.	760.7	28.0	1
2330	0	432	37.5449	88.3068	-211.7		MVU	5.11	3.76	1.11	0.736	3.384	4.601	1559.	40.	9.	759.7	28.0	1
2331	10	392	37.5449	88.3060	-209.5		MVU	7.34	0.74	1.09	0.0	0.0	6.751	1463.	35.	9.	761.8	27.9	1
2332	0	432	37.5449	88.3053	-207.0		MVU	5.55	2.30	1.20	0.415	1.918	4.618	1531.	40.	7.	760.7	27.9	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2333	10	420	37.5448	88.3046	-206.5	MVU	5.98	0.97	1.47	0.0	0.0	4.072	1552.	45.	9.	759.7	27.9	1
2334	10	404	37.5448	88.3039	-206.5	MVU	7.03	0.94	1.43	0.0	0.0	4.911	1575.	43.	11.	761.8	27.9	1
2335	0	392	37.5448	88.3032	-204.0	MVU	6.89	2.70	1.26	0.391	2.143	5.475	1572.	44.	8.	760.2	27.9	1
2336	0	392	37.5448	88.3024	-200.0	MVU	7.83	3.97	1.00	0.507	3.959	7.811	1655.	42.	9.	760.2	27.9	1
2337	10	400	37.5448	88.3017	-199.7	MVU	9.32	0.76	1.30	0.0	0.0	7.199	1657.	34.	9.	762.3	27.9	1
2338	0	404	37.5448	88.3010	-199.7	MVU	7.89	1.63	1.10	0.206	1.487	7.207	1604.	45.	12.	759.7	27.8	1
2339	0	412	37.5447	88.3003	-198.0	MVU	6.79	3.59	1.01	0.528	3.568	6.756	1596.	48.	10.	759.7	27.9	1
2340	0	420	37.5447	88.2995	-195.5	MVU	6.67	4.25	0.90	0.638	4.728	7.408	1569.	50.	7.	761.2	27.9	1
2341	0	372	37.5447	88.2989	-195.0	MVU	4.01	2.62	1.12	0.653	2.339	3.583	1455.	38.	8.	760.2	27.9	1
2342	0	380	37.5447	88.2981	-192.7	MVU	6.77	3.11	0.97	0.459	3.189	6.946	1475.	48.	2.	760.7	27.9	1
2343	0	404	37.5447	88.2974	-190.5	MVU	8.44	1.76	1.21	0.208	1.456	6.999	1625.	37.	3.	760.7	27.9	1
2344	0	412	37.5447	88.2967	-191.0	MVU	6.01	4.43	1.05	0.737	4.238	5.749	1610.	46.	0.	758.7	27.9	1
2345	0	404	37.5446	88.2960	-190.0	MVU	9.11	2.25	1.35	0.248	1.674	6.765	1702.	46.	0.	760.7	27.9	1
2346	0	400	37.5446	88.2952	-186.7	MVU	8.40	2.83	1.33	0.337	2.126	6.312	1697.	41.	0.	760.2	27.9	1
2347	0	400	37.5446	88.2945	-186.0	MVU	8.35	4.26	0.95	0.510	4.493	8.808	1701.	43.	0.	759.2	27.9	1
2348	0	416	37.5446	88.2938	-184.5	MVU	7.08	3.42	1.28	0.484	2.670	5.518	1718.	41.	0.	761.2	27.9	1
2349	0	376	37.5446	88.2930	-183.5	MVU	6.56	3.04	0.95	0.463	3.207	6.929	1572.	37.	4.	759.2	27.9	1
2350	0	384	37.5446	88.2924	-181.2	MVU	8.87	2.55	1.07	0.288	2.396	8.329	1559.	52.	0.	758.7	27.9	1
2351	0	388	37.5445	88.2916	-182.2	MVU	7.17	2.16	1.49	0.302	1.451	4.810	1737.	31.	5.	761.2	27.9	1
2352	0	392	37.5445	88.2909	-183.2	MCL	5.73	3.98	1.08	0.695	3.685	5.299	1598.	41.	3.	759.7	27.9	1
2353	0	372	37.5445	88.2902	-180.0	MCL	8.77	2.74	1.23	0.313	2.226	7.121	1604.	36.	2.	759.7	27.9	1
2354	0	380	37.5445	88.2895	-176.5	MCL	6.17	1.61	1.29	0.260	1.244	4.779	1471.	42.	5.	761.8	27.9	1
2355	0	368	37.5445	88.2887	-176.7	MCL	6.57	2.12	1.00	0.323	2.129	6.588	1477.	48.	3.	760.2	27.9	1
2356	0	340	37.5445	88.2880	-175.5	MCL	4.03	3.91	0.72	0.971	5.462	5.627	1447.	36.	4.	760.2	27.9	1
2357	0	344	37.5445	88.2873	-173.2	MCL	5.98	2.28	1.01	0.381	2.252	5.916	1437.	36.	5.	761.2	27.9	1
2358	0	336	37.5445	88.2865	-174.0	MCL	5.35	1.79	1.04	0.334	1.724	5.164	1335.	47.	3.	760.2	27.9	1
2359	0	336	37.5445	88.2858	-172.5	MCL	5.69	2.77	0.94	0.488	2.959	6.069	1443.	41.	0.	761.2	27.9	1
2360	0	340	37.5444	88.2851	-171.2	MCL	8.91	1.77	0.82	0.198	2.162	10.913	1426.	35.	1.	760.2	27.9	1
2361	0	348	37.5444	88.2843	-171.0	MCL	7.02	3.30	1.00	0.469	3.295	7.020	1448.	28.	3.	759.7	27.9	1
2362	0	372	37.5444	88.2836	-167.5	MCL	6.77	1.94	0.98	0.287	1.983	6.902	1460.	41.	5.	761.8	27.8	1
2363	0	412	37.5444	88.2829	-169.0	MCL	7.89	2.03	1.07	0.257	1.897	7.375	1603.	51.	8.	760.7	27.9	1
2364	0	432	37.5444	88.2822	-169.7	MCL	7.61	2.19	1.30	0.288	1.681	5.840	1762.	35.	10.	760.2	27.9	1
2365	0	436	37.5444	88.2815	-167.5	MCL	9.64	2.19	0.88	0.227	2.487	10.949	1595.	49.	9.	762.3	27.9	1
2366	0	448	37.5444	88.2807	-165.7	MCL	6.32	2.42	1.27	0.383	1.907	4.982	1550.	52.	9.	761.2	27.9	1
2367	10	448	37.5444	88.2800	-165.5	MCL	6.94	1.30	1.38	0.0	0.0	5.021	1579.	42.	9.	760.7	27.9	1
2368	10	436	37.5443	88.2793	-164.7	MCL	8.88	1.39	1.27	0.0	0.0	6.991	1640.	33.	7.	762.8	27.9	1
2369	0	444	37.5443	88.2786	-162.2	MCL	6.89	3.04	1.13	0.442	2.683	6.076	1563.	37.	5.	761.2	27.9	1
2370	0	456	37.5443	88.2779	-161.2	MCL	6.37	2.15	0.99	0.337	2.161	6.409	1511.	55.	5.	760.2	27.9	1
2371	0	456	37.5443	88.2771	-162.0	MCL	5.90	3.15	1.04	0.533	3.016	5.657	1493.	39.	4.	762.3	27.9	1
2372	0	456	37.5443	88.2764	-161.7	MCL	8.80	1.92	1.06	0.219	1.811	8.285	1470.	37.	7.	761.2	27.9	1
2373	0	480	37.5442	88.2757	-160.7	MCL	6.95	2.70	1.03	0.389	2.629	6.761	1512.	33.	8.	760.2	27.9	1
2374	0	484	37.5442	88.2750	-160.0	MCL	4.93	3.06	0.94	0.620	3.265	5.266	1419.	35.	6.	761.2	27.9	1
2375	10	488	37.5442	88.2742	-158.7	MCL	7.79	0.99	1.17	0.0	0.0	6.630	1356.	41.	8.	760.7	27.9	1
2376	10	464	37.5442	88.2735	-157.2	MCL	6.05	0.60	1.19	0.0	0.0	5.087	1425.	39.	12.	759.7	27.9	1
2377	0	432	37.5442	88.2728	-156.0	MCL	6.01	3.23	1.02	0.537	3.167	5.899	1377.	33.	7.	760.7	27.8	1
2378	10	440	37.5442	88.2721	-156.0	MCL	6.38	1.38	1.05	0.0	0.0	6.069	1462.	33.	10.	760.7	27.8	1
2379	10	428	37.5442	88.2714	-157.7	MCL	6.25	1.18	1.08	0.0	0.0	5.800	1395.	42.	8.	758.7	27.9	1
2380	0	416	37.5441	88.2707	-156.7	MCL	7.40	1.65	1.16	0.222	1.414	6.362	1459.	43.	8.	760.7	27.9	1
2381	10	420	37.5441	88.2699	-155.0	MCL	7.07	0.73	1.15	0.0	0.0	6.166	1421.	44.	8.	761.8	27.9	1
2382	10	432	37.5441	88.2692	-154.5	MCL	5.16	1.37	1.08	0.0	0.0	4.791	1416.	45.	8.	759.2	28.0	1
2383	0	432	37.5441	88.2685	-154.2	MCL	6.34	2.10	1.24	0.331	1.697	5.121	1486.	50.	10.	760.2	28.0	1
2384	10	420	37.5441	88.2677	-153.2	MCL	7.94	1.09	1.06	0.0	0.0	7.468	1473.	30.	8.	761.8	27.9	1
2385	0	420	37.5441	88.2670	-153.0	MCL	5.52	4.34	1.08	0.786	4.015	5.108	1482.	41.	7.	759.7	27.9	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2386	0	420	37.5441	88.2663	-152.7		MCL	4.78	1.61	1.01	0.337	1.601	4.744	1437.	35.	10.	759.7	27.9	1
2387	10	392	37.5441	88.2656	-151.7		MCL	5.26	0.49	1.01	0.0	0.0	5.205	1387.	48.	7.	761.8	27.9	1
2388	0	384	37.5441	88.2648	-149.5		MCL	4.04	2.05	1.22	0.509	1.686	3.315	1406.	35.	9.	760.7	27.8	1
2389	0	384	37.5441	88.2642	-149.7		MCL	6.28	2.28	1.13	0.363	2.021	5.561	1385.	37.	3.	760.7	27.8	1
2390	0	376	37.5441	88.2634	-149.0		MCL	5.28	2.57	1.17	0.486	2.185	4.498	1447.	47.	3.	761.8	27.8	1
2391	0	384	37.5440	88.2627	-148.7		MCL	7.98	1.53	1.00	0.192	1.533	7.977	1414.	39.	1.	759.7	27.8	1
2392	0	412	37.5440	88.2620	-150.2		MCL	7.49	1.67	1.25	0.222	1.336	6.004	1601.	46.	3.	759.7	27.8	1
2393	0	400	37.5440	88.2612	-149.2		MCL	5.28	4.57	1.02	0.866	4.495	5.189	1600.	38.	4.	761.8	27.8	1
2394	0	384	37.5440	88.2605	-147.7		MCL	7.36	3.04	1.06	0.413	2.872	6.958	1600.	29.	4.	760.7	27.8	1
2395	10	388	37.5440	88.2597	-149.2		MCL	9.53	0.70	1.02	0.0	0.0	9.341	1581.	51.	6.	760.7	27.9	1
2396	0	392	37.5439	88.2590	-148.7		MCL	7.32	3.79	1.11	0.518	3.424	6.614	1740.	41.	6.	762.8	27.9	1
2397	0	392	37.5439	88.2583	-149.0		MCL	7.57	3.97	1.21	0.524	3.272	6.241	1716.	34.	6.	760.7	27.9	1
2398	0	392	37.5439	88.2576	-149.2		MCL	8.17	2.21	1.01	0.270	2.193	8.110	1605.	37.	10.	760.2	27.9	1
2399	0	400	37.5439	88.2569	-146.5		MCL	5.74	2.86	1.03	0.499	2.768	5.546	1459.	40.	8.	762.3	27.9	1
2400	0	376	37.5439	88.2562	-145.5		MCU	4.62	2.27	0.97	0.492	2.338	4.753	1310.	51.	8.	760.2	27.8	1
2401	10	384	37.5439	88.2554	-146.2		MCU	6.64	1.26	1.07	0.0	0.0	6.222	1384.	41.	9.	760.2	27.8	1
2402	10	352	37.5438	88.2547	-146.2		MCU	6.37	1.16	1.06	0.0	0.0	5.994	1319.	46.	6.	761.8	27.8	1
2403	0	388	37.5438	88.2540	-146.5		MCU	7.21	3.44	1.01	0.477	3.414	7.152	1533.	39.	3.	759.7	27.8	1
2404	0	396	37.5438	88.2533	-147.5		MCU	5.86	2.56	0.98	0.437	2.605	5.967	1457.	47.	7.	759.7	27.8	1
2405	0	392	37.5438	88.2526	-147.5		MCU	6.99	2.96	1.05	0.423	2.810	6.641	1541.	39.	4.	762.8	27.8	1
2406	0	328	37.5438	88.2518	-147.0		MCU	4.47	2.55	0.77	0.571	3.335	5.845	1213.	39.	4.	761.2	27.8	1
2407	0	340	37.5438	88.2511	-146.7		MCU	4.44	3.89	0.88	0.877	4.433	5.054	1394.	40.	5.	760.2	27.8	1
2408	0	328	37.5437	88.2504	-148.0		MCL	6.53	1.46	0.98	0.223	1.478	6.629	1449.	28.	6.	762.3	27.8	1
2409	0	336	37.5437	88.2497	-146.2		MCL	5.51	1.35	1.35	0.244	0.996	4.079	1568.	25.	10.	761.2	27.8	1
2410	0	344	37.5437	88.2490	-147.0		MCL	8.99	2.58	1.15	0.287	2.247	7.829	1711.	42.	8.	760.7	27.8	1
2411	0	332	37.5437	88.2482	-149.2		MCL	6.14	3.25	1.28	0.530	2.548	4.809	1619.	51.	11.	762.8	27.8	1
2412	0	332	37.5437	88.2475	-149.2		MCL	6.70	3.28	1.22	0.489	2.693	5.506	1669.	42.	9.	761.8	27.8	1
2413	0	336	37.5437	88.2468	-148.0		MCL	7.74	2.06	1.08	0.266	1.902	7.146	1747.	29.	10.	759.7	27.8	1
2414	0	340	37.5437	88.2461	-148.7		MCL	6.52	2.23	1.32	0.342	1.686	4.923	1737.	41.	7.	761.8	27.9	1
2415	0	340	37.5437	88.2453	-147.7		MCL	7.81	3.94	1.14	0.505	3.475	6.881	1694.	43.	2.	761.8	27.9	1
2416	0	348	37.5437	88.2446	-146.7		MCL	6.36	3.38	1.40	0.532	2.421	4.550	1707.	43.	3.	760.2	27.9	1
2417	0	356	37.5436	88.2439	-148.2		MCL	8.19	3.52	1.16	[illegible]30	3.030	7.052	1663.	36.	2.	761.2	27.9	1
2418	0	360	37.5436	88.2432	-150.2		MCL	7.83	2.18	1.49	0[illegible]78	1.463	5.262	1678.	42.	3.	761.2	27.8	1
2419	0	352	37.5436	88.2425	-150.7		MCL	8.59	3.42	1.24	0.398	2.745	6.901	1647.	42.	0.	759.2	27.8	1
2420	0	344	37.5436	88.2417	-152.0		MCL	6.63	3.67	1.20	0.554	3.049	5.499	1664.	34.	1.	760.7	27.7	1
2421	0	336	37.5435	88.2410	-153.0		MCL	10.09	2.52	1.18	0.250	2.139	8.548	1810.	36.	1.	761.8	27.7	1
2422	0	328	37.5436	88.2403	-154.2		MCL	8.20	2.08	1.19	0.253	1.743	6.880	1679.	41.	3.	759.2	27.6	1
2423	0	320	37.5435	88.2395	-155.2		MCL	8.34	2.72	0.99	0.326	2.756	8.444	1760.	46.	4.	760.2	27.6	1
2424	0	324	37.5435	88.2389	-153.5		MCL	6.83	3.67	1.03	0.538	3.580	6.656	1796.	52.	4.	762.3	27.6	1
2425	0	328	37.5435	88.2381	-154.0		MCL	7.86	3.66	1.15	0.465	3.192	6.868	1777.	39.	6.	759.7	27.6	1
2426	0	320	37.5435	88.2374	-155.5		MCL	8.23	2.79	1.40	0.339	1.989	5.871	1743.	42.	8.	759.7	27.5	1
2427	0	328	37.5435	88.2366	-155.5		MCL	5.82	2.75	1.25	0.473	2.209	4.672	1711.	41.	9.	761.2	27.6	1
2428	10	320	37.5435	88.2359	-150.2		MCL	7.05	1.24	1.16	0.0	0.0	6.059	1612.	50.	13.	760.2	27.5	1
2429	0	328	37.5435	88.2352	-149.0		MCL	8.75	1.91	1.41	0.218	1.354	6.207	1768.	38.	9.	761.2	27.5	1
2430	0	348	37.5434	88.2344	-154.2		MCL	10.23	1.69	1.36	0.165	1.248	7.546	1722.	34.	10.	762.8	27.5	1
2431	0	372	37.5434	88.2337	-159.2		MCL	7.96	1.70	1.39	0.214	1.228	5.746	1695.	36.	12.	760.7	27.5	1
2432	10	388	37.5434	88.2330	-159.5		MCL	6.52	1.02	1.56	0.0	0.0	4.177	1641.	50.	13.	760.2	27.5	1
2433	0	376	37.5434	88.2323	-159.2		MCL	8.89	4.01	0.92	0.451	4.367	9.681	1622.	40.	5.	761.2	27.7	1
2434	0	360	37.5434	88.2316	-161.2		MCL	6.22	2.30	1.05	0.370	2.201	5.945	1401.	31.	6.	75[illegible]2	27.7	1
2435	10	372	37.5434	88.2309	-161.5		PPCV	6.95	0.64	1.16	0.0	0.0	5.971	1460.	42.	9.	75[illegible]2	27.8	1
2436	0	372	37.5433	88.2301	-160.0		PPCV	5.87	1.74	0.92	0.296	1.884	6.362	1385.	30.	10.	761.2	27.8	1
2437	0	372	37.5433	88.2294	-163.0		PPCV	6.61	1.89	0.95	0.286	1.981	6.935	1379.	40.	8.	759.2	27.8	1
2438	0	368	37.5433	88.2287	-166.5		PPCV	7.36	1.63	1.10	0.221	1.481	6.687	1411.	37.	6.	758.7	27.7	1

CP9 IP12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2439	10	356	37.5433	88.2280	-166.0	PPCV	7.29	1.08	0.95	0.0	0.0	7.698	1427.	27.	7.	760.7	27.7	1
2440	0	392	37.5433	88.2273	-165.2	PPCV	8.49	2.62	0.88	0.308	2.985	9.690	1555.	35.	7.	759.2	27.6	1
2441	0	412	37.5433	88.2265	-167.5	PPCV	6.31	3.10	1.03	0.492	3.006	6.110	1551.	40.	4.	758.1	27.6	1
2442	0	396	37.5432	88.2258	-167.0	PPCV	6.41	2.71	1.09	0.423	2.480	5.870	1517.	42.	3.	760.2	27.5	1
2443	0	376	37.5432	88.2251	-168.0	PPCV	5.00	3.42	0.90	0.684	3.822	5.583	1309.	43.	3.	759.7	27.5	1
2444	0	364	37.5432	88.2244	-169.5	MCU	6.78	1.96	1.01	0.289	1.935	6.691	1298.	43.	3.	758.7	27.5	1
2445	0	400	37.5432	88.2237	-170.2	MCU	4.89	2.54	1.04	0.519	2.438	4.695	1283.	48.	3.	759.7	27.5	1
2446	0	416	37.5432	88.2229	-172.0	MCU	6.67	2.83	0.89	0.424	3.181	7.495	1404.	40.	2.	759.7	27.4	1
2447	0	416	37.5432	88.2222	-172.2	MCU	5.15	4.07	1.05	0.790	3.869	4.899	1354.	37.	2.	758.7	27.5	1
2448	0	448	37.5432	88.2215	-172.2	PPCV	5.64	2.80	1.33	0.496	2.111	4.253	1554.	30.	12.	758.7	27.5	1
2449	10	456	37.5432	88.2208	-173.2	PPCV	7.09	0.99	0.96	0.0	0.0	7.426	1417.	40.	10.	759.7	27.5	1
2450	10	460	37.5432	88.2200	-176.0	PPCV	7.13	0.92	1.01	0.0	0.0	7.070	1365.	38.	13.	758.7	27.5	1
2451	10	484	37.5432	88.2193	-177.0	PPCV	8.54	1.66	0.88	0.0	0.0	9.664	1409.	30.	14.	758.7	27.5	1
2452	10	512	37.5432	88.2186	-177.7	PPCV	5.14	0.26	1.06	0.0	0.0	4.848	1332.	40.	19.	759.7	27.5	1
2453	0	548	37.5431	88.2179	-177.7	PPCV	5.48	3.53	0.85	0.643	4.162	6.473	1451.	40.	12.	758.7	27.6	1
2454	10	564	37.5431	88.2172	-179.0	PPCV	6.69	2.04	1.10	0.0	0.0	6.105	1498.	55.	12.	758.7	27.5	1
2455	0	548	37.5431	88.2165	-180.5	PPCV	5.68	1.81	1.40	0.319	1.297	4.062	1516.	47.	7.	760.2	27.5	1
2456	0	536	37.5431	88.2157	-181.5	PPCV	6.34	2.06	1.27	0.325	1.618	4.980	1480.	37.	6.	759.2	27.5	1
2457	0	500	37.5431	88.2150	-182.7	PPCV	4.11	2.42	0.84	0.587	2.884	4.911	1325.	34.	6.	758.7	27.5	1
2458	0	476	37.5430	88.2143	-183.7	PPCV	5.26	1.99	0.94	0.379	2.126	5.616	1163.	31.	2.	759.7	27.4	1
2459	0	480	37.5430	88.2135	-184.0	PPCV	4.20	3.46	0.62	0.824	5.624	6.826	1174.	29.	3.	758.7	27.5	1
2460	0	516	37.5430	88.2128	-183.0	PPCV	5.89	2.47	0.54	0.419	4.570	10.895	1147.	38.	4.	758.7	27.5	1
2461	0	516	37.5430	88.2120	-183.5	PPCV	5.60	1.98	0.86	0.354	2.307	6.524	1224.	31.	4.	759.7	27.5	1
2462	10	484	37.5430	88.2113	-186.7	PPCV	5.31	0.46	0.79	0.0	0.0	6.683	1159.	34.	4.	758.7	27.5	1
2463	0	456	37.5430	88.2106	-186.2	PPCV	5.32	3.65	0.67	0.687	5.440	7.923	1143.	33.	2.	757.6	27.5	1
2464	0	428	37.5430	88.2099	-186.5	PPCV	5.50	1.78	0.96	0.324	1.866	5.751	1176.	40.	3.	758.7	27.5	1
2465	0	416	37.5429	88.2091	-191.0	PPCV	3.75	3.39	0.80	0.903	4.233	4.688	1192.	50.	5.	759.2	27.5	1
2466	0	420	37.5429	88.2084	-192.0	PPCV	6.65	1.48	0.84	0.223	1.756	7.884	1232.	46.	5.	757.6	27.5	1
2467	0	404	37.5429	88.2077	-192.0	PPCV	5.30	2.02	0.94	0.382	2.154	5.643	1359.	39.	3.	758.7	27.5	1
2468	0	392	37.5429	88.2070	-194.7	PPCV	6.11	2.05	0.95	0.335	2.164	6.461	1304.	42.	5.	759.7	27.5	1
2469	0	384	37.5429	88.2063	-194.5	PPCV	3.45	2.41	1.13	0.701	2.134	3.046	1436.	29.	7.	758.7	27.5	1
2470	10	364	37.5428	88.2055	-194.7	PPCV	5.82	0.92	1.13	0.0	0.0	5.134	1364.	46.	6.	758.7	27.5	1
2471	0	336	37.5428	88.2048	-195.7	PPCV	5.15	1.84	1.01	0.357	1.815	5.082	1339.	43.	7.	760.2	27.5	1
2472	111	332	37.5428	88.2041	-195.5	PPCV	7.64	2.56	0.76	0.0	0.0	0.0	1352.	54.	2.	758.1	27.6	1
2473	0	328	37.5428	88.2034	-197.0	PPCV	6.49	2.28	1.07	0.351	2.132	6.066	1376.	39.	5.	758.7	27.5	1
2474	0	320	37.5428	88.2027	-198.7	PPCV	6.12	2.05	0.87	0.335	2.358	7.035	1363.	49.	5.	760.2	27.4	1
2475	0	328	37.5428	88.2020	-201.7	PPCV	3.42	4.55	0.77	1.331	5.882	4.421	1373.	45.	3.	759.7	27.5	1
2476	0	348	37.5427	88.2012	-200.5	PPCV	5.97	2.36	0.93	0.394	2.522	6.395	1408.	51.	6.	758.7	27.5	1
2477	0	380	37.5427	88.2005	-199.7	PPCV	4.61	2.43	1.02	0.526	2.366	4.495	1405.	40.	4.	759.7	27.6	1
2478	0	412	37.5427	88.1998	-201.7	PPCV	5.51	2.36	0.91	0.429	2.604	6.074	1389.	44.	7.	759.7	27.6	1
2479	0	432	37.5427	88.1991	-203.2	PPCV	5.60	2.31	0.93	0.412	2.480	6.016	1349.	41.	7.	759.7	27.7	1
2480	0	456	37.5427	88.1983	-205.7	PPCV	5.23	2.60	0.90	0.496	2.884	5.809	1268.	38.	9.	758.7	27.7	1
2481	10	484	37.5427	88.1976	-206.7	PPCV	5.57	1.01	0.76	0.0	0.0	7.306	1164.	46.	10.	758.7	27.7	1
2482	10	512	37.5427	88.1969	-205.7	PPCV	6.00	1.52	0.98	0.0	0.0	6.133	1213.	36.	6.	759.7	27.7	1
2483	10	548	37.5427	88.1962	-206.0	PPAB	4.81	1.35	0.89	0.0	0.0	5.425	1142.	37.	10.	758.7	27.7	1
2484	10	516	37.5427	88.1955	-205.0	PPAB	5.03	0.73	1.10	0.0	0.0	4.574	1149.	35.	6.	758.1	27.7	1
2485	111	476	37.5427	88.1948	-212.5	PPAB	3.59	2.82	0.91	0.0	0.0	0.0	1167.	41.	5.	759.7	27.8	1
2486	0	448	37.5426	88.1940	-213.5	PPAB	5.67	2.94	0.84	0.519	3.498	6.738	1270.	45.	0.	758.7	27.9	1
2487	0	444	37.5426	88.1933	-212.0	PPAB	6.43	2.10	1.17	0.326	1.790	5.491	1449.	34.	0.	758.7	27.9	1
2488	0	460	37.5426	88.1926	-214.7	PPAB	6.48	2.07	1.24	0.320	1.671	5.221	1584.	34.	0.	759.7	27.9	1
2489	0	468	37.5426	88.1918	-214.7	PPAB	6.55	2.35	1.16	0.359	2.031	5.655	1545.	40.	0.	758.7	27.9	1
2490	0	480	37.5426	88.1912	-214.0	PPAB	6.90	4.08	1.05	0.591	3.881	6.566	1584.	47.	0.	757.1	27.9	1
2491	0	472	37.5426	88.1904	-217.7	PPAB	6.28	3.61	1.37	0.576	2.630	4.568	1629.	37.	0.	758.7	27.9	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2492	0	452	37.5426	88.1897	-219.0	PPAB	7.13	2.96	1.23	0.415	2.402	5.785	1677.	40.	0.	758.7	27.7	1
2493	0	452	37.5425	88.1890	-220.0	PPAB	9.03	1.66	1.58	0.183	1.048	5.715	1632.	43.	0.	757.6	27.7	1
2494	0	464	37.5425	88.1882	-222.0	PPAB	6.17	5.23	0.87	0.848	5.998	7.077	1597.	30.	3.	758.7	27.6	1
2495	0	480	37.5425	88.1874	-220.2	PPAB	8.35	4.62	1.08	0.553	4.288	7.751	1685.	39.	2.	759.7	27.6	1
2496	0	456	37.5425	88.1867	-220.5	PPAB	8.59	2.78	1.20	0.324	2.325	7.186	1617.	38.	7.	758.7	27.6	1
2497	0	452	37.5425	88.1860	-222.5	PPAB	6.54	3.30	1.02	0.504	3.227	6.401	1584.	48.	9.	758.7	27.6	1
2498	10	464	37.5425	88.1853	-224.7	PPAB	7.71	0.34	1.34	0.0	0.0	5.769	1616.	40.	10.	758.7	27.5	1
2499	0	460	37.5424	88.1846	-224.7	MCL	5.20	2.15	1.51	0.413	1.418	3.431	1564.	46.	6.	758.7	27.6	1
2500	0	468	37.5424	88.1838	-225.5	MCL	7.96	3.64	0.72	0.458	5.047	11.024	1578.	37.	4.	758.7	27.5	1
2501	10	480	37.5424	88.1831	-226.2	MCL	7.30	1.36	1.10	0.0	0.0	6.610	1582.	29.	7.	758.7	27.5	1
2502	0	480	37.5424	88.1824	-226.5	MCL	7.12	3.21	0.78	0.450	4.087	9.075	1486.	38.	5.	759.7	27.5	1
2503	0	468	37.5424	88.1817	-227.0	MCL	8.56	2.45	0.72	0.286	3.417	11.965	1382.	42.	4.	758.7	27.6	1
2504	10	448	37.5424	88.1810	-228.0	MCL	4.99	0.79	1.20	0.0	0.0	4.155	1238.	38.	11.	758.7	27.6	1
2505	0	460	37.5423	88.1802	-229.0	MCU	5.31	3.14	0.73	0.591	4.310	7.298	1215.	38.	7.	760.7	27.6	1
2506	10	484	37.5423	88.1795	-229.7	MCU	5.99	0.74	0.99	0.0	0.0	6.033	1151.	45.	7.	760.2	27.7	1
2507	10	528	37.5423	88.1788	-232.2	MCU	4.80	0.69	0.70	0.0	0.0	6.825	1141.	38.	13.	758.1	27.8	1
2508	0	564	37.5423	88.1781	-235.0	MCU	4.41	2.41	0.72	0.547	3.335	6.096	1250.	34.	10.	759.2	27.8	1
2509	0	572	37.5423	88.1774	-233.0	MCU	5.82	2.63	0.59	0.452	4.435	9.820	1261.	32.	10.	759.2	27.8	1
2510	10	544	37.5422	88.1767	-233.0	MCU	3.87	0.24	1.03	0.0	0.0	3.763	1098.	53.	13.	758.1	27.8	1
2511	0	532	37.5422	88.1759	-234.0	MCU	7.90	2.09	0.69	0.265	3.048	11.507	1227.	37.	7.	758.7	27.9	1
2512	0	536	37.5422	88.1752	-236.0	MCU	4.84	2.34	0.58	0.484	4.072	8.418	1170.	52.	5.	759.7	27.9	1
2513	10	540	37.5422	88.1745	-238.2	MCU	7.03	0.15	0.88	0.0	0.0	7.966	1185.	44.	6.	758.7	27.9	1
2514	0	588	37.5422	88.1738	-237.7	MCU	2.88	3.17	1.14	1.101	2.777	2.523	1290.	53.	7.	757.6	27.9	1
2515	10	616	37.5422	88.1730	-236.7	MCU	3.82	1.06	0.97	0.0	0.0	3.931	1304.	44.	6.	758.7	28.0	1
2516	10	612	37.5422	88.1723	-238.7	MCU	6.77	-1.02	1.19	0.0	0.0	5.704	1331.	44.	11.	758.7	27.9	1
2517	0	604	37.5422	88.1716	-239.7	MCU	7.25	2.27	1.09	0.313	2.072	6.623	1414.	40.	5.	757.6	27.9	1
2518	0	612	37.5422	88.1709	-240.0	MCU	5.90	2.78	1.24	0.471	2.248	4.771	1509.	37.	9.	758.7	27.8	1
2519	0	592	37.5421	88.1702	-242.2	MCU	6.27	2.89	1.17	0.461	2.468	5.358	1414.	52.	8.	758.7	27.8	1
2520	0	584	37.5421	88.1695	-244.2	MCU	5.30	2.50	1.10	0.471	2.272	4.820	1508.	31.	3.	757.6	27.8	1
2521	0	592	37.5421	88.1687	-244.0	MCL	4.87	5.02	0.83	1.031	6.088	5.904	1446.	42.	5.	758.1	27.8	1
2522	0	588	37.5421	88.1680	-246.2	MCL	5.25	3.03	0.99	0.578	3.054	5.285	1474.	38.	8.	759.2	27.8	1
2523	10	596	37.5421	88.1673	-247.7	MCL	7.96	-0.27	1.45	0.0	0.0	5.494	1475.	46.	6.	758.1	27.8	1
2524	0	568	37.5421	88.1665	-244.2	MCL	5.33	4.12	0.80	0.773	5.133	6.641	1315.	33.	3.	757.1	27.8	1
2525	0	572	37.5421	88.1658	-246.5	MCU	6.17	3.11	1.20	0.504	2.594	5.149	1481.	50.	2.	759.2	27.8	1
2526	0	568	37.5421	88.1651	-247.2	MCU	7.19	2.55	1.11	0.355	2.295	6.471	1444.	40.	2.	759.2	27.8	1
2527	10	568	37.5421	88.1644	-245.2	MCU	4.47	1.62	1.16	0.0	0.0	3.860	1482.	49.	10.	758.1	27.8	1
2528	10	572	37.5421	88.1636	-248.2	MCU	6.51	1.86	1.43	0.0	0.0	4.569	1473.	43.	12.	758.7	27.8	1
2529	0	592	37.5420	88.1629	-250.5	MCU	5.62	3.88	1.10	0.689	3.512	5.094	1609.	38.	10.	758.7	27.8	1
2530	10	548	37.5420	88.1621	-248.7	MCU	5.75	0.24	1.17	0.0	0.0	4.922	1389.	41.	11.	757.6	27.7	1
2531	0	564	37.5421	88.1614	-251.7	MCU	4.95	2.37	1.27	0.478	1.861	3.893	1530.	34.	12.	758.1	27.7	1
2532	10	528	37.5421	88.1606	-252.0	MCU	7.50	0.41	1.11	0.0	0.0	6.756	1253.	31.	14.	759.2	27.7	1
2533	10	528	37.5421	88.1599	-252.7	MCU	5.38	0.44	1.04	0.0	0.0	5.173	1290.	44.	13.	758.1	27.7	1
2534	10	528	37.5421	88.1591	-254.5	MCU	5.85	-0.42	0.84	0.0	0.0	6.952	1190.	42.	13.	757.1	27.8	1
2535	10	556	37.5421	88.1583	-253.7	MCU	7.10	-0.64	0.96	0.0	0.0	7.396	1155.	55.	15.	759.2	27.9	1
2536	10	592	37.5421	88.1575	-255.2	MCU	4.97	1.55	0.86	0.0	0.0	5.787	1278.	43.	13.	759.2	27.9	1
2537	10	620	37.5422	88.1568	-259.0	MCU	7.18	-0.65	1.39	0.0	0.0	5.156	1309.	38.	14.	757.6	27.9	1
2538	10	620	37.5422	88.1561	-256.5	MCU	3.64	0.65	0.78	0.0	0.0	4.676	1065.	69.	15.	757.6	27.9	1
2539	10	636	37.5422	88.1553	-258.5	MCU	6.08	0.99	0.98	0.0	0.0	6.203	1259.	35.	15.	759.2	27.9	1
2540	10	640	37.5422	88.1546	-259.7	MCU	2.97	0.94	1.11	0.0	0.0	2.690	1087.	45.	16.	758.1	27.8	1
2541	10	640	37.5422	88.1538	-260.2	MCU	4.34	0.53	0.98	0.0	0.0	4.428	1209.	31.	14.	757.1	27.8	1
2542	10	632	37.5422	88.1531	-266.5	MCU	4.23	0.28	0.71	0.0	0.0	5.977	1030.	33.	14.	758.1	27.7	1
2543	10	620	37.5423	88.1523	-270.0	MCU	6.54	-0.50	0.82	0.0	0.0	7.939	1057.	39.	11.	759.2	27.7	1
2544	10	616	37.5422	88.1515	-268.0	MCU	1.63	1.23	0.85	0.0	0.0	1.921	1026.	39.	13.	758.1	27.7	1

* ID	TAGS QUAL	ALT	* LOCATION LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	REDUCED DATA U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
2545	10	600	37.5422	88.1508	-264.7	MCU	5.12	1.97	0.83	0.0	0.0	6.192	1181.	41.	9.	759.2	27.6	1
2546	0	560	37.5423	88.1501	-261.7	MCU	3.60	2.70	0.85	0.750	3.166	4.221	1138.	49.	8.	759.7	27.6	1
2547	0	536	37.5423	88.1492	-259.5	MCU	3.71	2.48	0.87	0.668	2.854	4.273	1147.	39.	5.	757.6	27.6	1
2548	10	512	37.5423	88.1485	-261.5	MCU	7.64	0.75	0.72	0.0	0.0	10.554	1074.	47.	2.	757.6	27.6	1
2549	0	472	37.5423	88.1478	-262.7	MCU	4.77	2.74	0.63	0.575	4.324	7.516	1101.	46.	1.	758.7	27.7	1
2550	0	452	37.5423	88.1470	-259.2	MCU	4.54	1.90	0.91	0.419	2.079	4.965	1099.	45.	0.	758.7	27.8	1
2551	0	424	37.5423	88.1463	-260.5	MCU	4.44	2.18	0.90	0.491	2.417	4.922	1223.	46.	1.	757.6	27.8	1
2552	0	416	37.5423	88.1455	-263.2	PPCV	6.13	3.74	1.06	0.610	3.529	5.781	1369.	42.	0.	758.7	27.8	1
2553	0	428	37.5424	88.1447	-263.0	PPCV	7.62	2.29	1.14	0.300	2.004	6.671	1554.	41.	0.	758.7	27.8	1
2554	0	404	37.5424	88.1440	-262.2	PPCV	7.64	3.07	1.29	0.402	2.379	5.923	1616.	36.	0.	757.6	27.7	1
2555	0	396	37.5424	88.1433	-261.2	PPCV	7.21	2.75	1.56	0.381	1.767	4.633	1641.	46.	0.	758.7	27.7	1
2556	0	404	37.5424	88.1425	-259.5	PPCV	8.61	2.64	1.17	0.307	2.265	7.376	1722.	41.	0.	758.7	27.7	1
2557	0	412	37.5424	88.1417	-260.0	PPCV	7.76	3.41	1.16	0.439	2.947	6.710	1667.	42.	0.	757.6	27.8	1
2558	0	428	37.5424	88.1411	-260.7	MCU	7.18	2.79	1.09	0.388	2.547	6.561	1563.	46.	1.	758.7	27.8	1
2559	0	440	37.5425	88.1402	-263.0	MCU	6.11	2.64	1.55	0.432	1.702	3.937	1656.	38.	4.	758.7	27.7	1
2560	0	436	37.5424	88.1395	-262.2	MCU	7.95	2.01	1.06	0.253	1.893	7.488	1498.	38.	3.	757.6	27.7	1
2561	0	428	37.5425	88.1387	-263.0	MCU	6.99	2.36	1.27	0.338	1.853	5.483	1555.	42.	1.	758.7	27.7	1
2562	0	436	37.5425	88.1380	-264.5	MCU	5.87	3.22	1.01	0.549	3.181	5.792	1425.	49.	8.	758.7	27.7	1
2563	0	432	37.5425	88.1372	-264.5	MCU	6.87	3.07	0.97	0.446	3.156	7.069	1548.	37.	9.	757.6	27.6	1
2564	0	440	37.5425	88.1365	-264.2	MCU	4.91	2.84	1.28	0.580	2.228	3.843	1542.	33.	9.	758.7	27.6	1
2565	10	444	37.5425	88.1357	-265.0	MCU	7.95	1.23	1.02	0.0	0.0	7.821	1476.	43.	11.	759.2	27.6	1
2566	10	464	37.5425	88.1350	-264.5	PPCV	9.45	1.41	0.89	0.0	0.0	10.647	1488.	36.	11.	758.1	27.6	1
2567	10	468	37.5425	88.1342	-264.7	PPCV	6.77	0.85	0.80	0.0	0.0	8.478	1240.	46.	14.	758.7	27.6	1
2568	10	472	37.5426	88.1334	-264.7	PPCV	4.71	0.60	1.18	0.0	0.0	4.006	1337.	38.	14.	759.7	27.6	1
2569	0	468	37.5426	88.1327	-267.0	PPCV	6.66	2.31	1.03	0.346	2.239	6.462	1393.	39.	9.	758.7	27.7	1
2570	0	460	37.5426	88.1319	-268.0	PPCV	4.45	2.52	0.89	0.567	2.833	4.993	1390.	43.	7.	758.7	27.7	1
2571	0	464	37.5426	88.1312	-266.0	PPCV	6.40	3.36	1.34	0.525	2.499	4.763	1533.	41.	6.	759.7	27.7	1
2572	0	448	37.5426	88.1304	-267.2	PPCV	6.99	3.11	1.03	0.445	3.030	6.807	1522.	48.	6.	758.7	27.7	1
2573	0	448	37.5426	88.1297	-269.5	PPCV	5.70	1.55	0.94	0.272	1.656	6.078	1446.	35.	4.	757.6	27.8	1
2574	0	484	37.5426	88.1289	-267.7	PPCV	7.01	2.23	0.96	0.319	2.337	7.329	1328.	50.	0.	758.7	27.7	1
2575	0	516	37.5427	88.1282	-268.5	PPCV	4.96	3.63	1.31	0.732	2.782	3.801	1282.	38.	1.	758.7	27.9	1
2576	10	488	37.5427	88.1274	-269.5	PPCV	5.34	0.94	0.97	0.0	0.0	5.483	1187.	39.	8.	758.7	27.9	1
2577	10	508	37.5427	88.1267	-269.7	PPCV	7.81	1.61	0.79	0.0	0.0	9.929	1266.	62.	9.	758.7	27.9	1
2578	10	516	37.5427	88.1259	-270.2	PPCV	3.65	1.68	1.18	0.0	0.0	3.082	1220.	42.	15.	758.7	27.9	1
2579	10	520	37.5427	88.1252	-268.5	PPCV	5.59	-0.75	1.15	0.0	0.0	4.870	1330.	43.	14.	758.1	27.9	1
2580	10	488	37.5427	88.1244	-266.7	PPCV	6.88	-1.17	1.02	0.0	0.0	6.764	1275.	33.	18.	758.1	27.9	1
2581	111	464	37.5427	88.1237	-270.5	PPCV	6.76	-0.01	0.95	0.0	0.0	0.0	1333.	44.	20.	760.2	27.9	1
2582	10	448	37.5427	88.1229	-272.7	PPCV	6.32	1.71	0.87	0.0	0.0	7.241	1298.	36.	18.	758.1	27.9	1
2583	0	472	37.5427	88.1221	-268.2	PPCV	7.02	2.51	0.78	0.357	3.215	8.999	1500.	37.	14.	758.1	27.9	1
2584	0	484	37.5428	88.1214	-266.2	PPCV	8.26	2.12	1.09	0.256	1.938	7.563	1608.	28.	13.	758.7	27.9	1
2585	10	492	37.5428	88.1206	-271.0	PPCV	7.74	0.15	1.24	0.0	0.0	6.257	1538.	37.	19.	758.7	27.9	1
2586	10	464	37.5428	88.1199	-272.5	PPCV	7.75	-0.12	1.38	0.0	0.0	5.609	1513.	31.	13.	758.1	27.9	1
2587	0	448	37.5428	88.1191	-274.7	PPCV	5.68	1.79	1.05	0.315	1.702	5.410	1459.	46.	12.	759.2	27.9	1
2588	0	424	37.5428	88.1184	-272.0	PPCV	6.44	3.28	0.92	0.509	3.564	6.998	1476.	39.	8.	758.7	27.9	1
2589	0	400	37.5428	88.1177	-269.7	PPCV	7.28	2.37	1.26	0.325	1.884	5.787	1626.	42.	11.	757.6	27.9	1
2590	0	400	37.5429	88.1169	-271.7	PPCV	7.00	2.67	1.20	0.381	2.230	5.847	1692.	44.	9.	758.7	27.9	1
2591	0	416	37.5428	88.1161	-271.2	PPCV	8.99	2.40	1.08	0.267	2.233	8.361	1716.	28.	11.	759.7	27.9	1
2592	0	436	37.5428	88.1154	-272.5	PPCV	6.86	4.18	1.02	0.610	4.113	6.744	1653.	50.	8.	757.6	27.8	1
2593	0	444	37.5428	88.1147	-275.2	PPCV	6.48	2.56	1.16	0.395	2.209	5.593	1495.	41.	10.	757.1	27.9	1
2594	10	444	37.5429	88.1138	-272.0	PPCV	5.83	1.40	1.37	0.0	0.0	4.264	1551.	46.	12.	759.2	27.9	1
2595	0	436	37.5429	88.1131	-269.5	PPCV	6.43	2.80	1.13	0.435	2.482	5.710	1480.	39.	10.	759.7	27.9	1
2596	0	456	37.5429	88.1123	-272.2	PPCV	5.13	3.61	0.97	0.704	3.741	5.313	1366.	35.	4.	757.6	27.8	1
2597	0	480	37.5429	88.1116	-272.5	PPCV	4.29	3.04	0.98	0.709	3.104	4.376	1293.	39.	6.	757.6	27.8	1

CP9 1P12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2598	0	480	37.5429	88.1108	-272.2	PPCV	7.22	3.13	1.16	0.434	2.698	6.224	1409.	35.	3.	759.7	27.8	1
2599	0	480	37.5429	88.1100	-275.5	PPCV	7.87	1.68	1.17	0.213	1.435	6.722	1453.	32.	6.	758.7	27.8	1
2600	0	480	37.5430	88.1094	-276.0	PPCV	6.39	3.12	0.80	0.488	3.895	7.977	1402.	35.	3.	757.6	27.7	1
2601	0	480	37.5430	88.1086	-275.0	PPCV	6.20	3.48	0.73	0.561	4.753	8.471	1409.	40.	9.	758.7	27.8	1
2602	10	496	37.5430	88.1079	-275.5	PPCV	9.24	0.30	1.00	0.0	0.0	9.289	1405.	45.	7.	759.7	27.7	1
2603	0	508	37.5430	88.1070	-278.5	PPCV	7.75	2.41	1.11	0.311	2.172	6.991	1542.	44.	9.	758.7	27.7	1
2604	10	484	37.5430	88.1064	-279.0	PPCV	8.60	1.65	1.01	0.0	0.0	8.503	1547.	24.	10.	758.1	27.7	1
2605	0	452	37.5430	88.1055	-275.2	PPCV	3.96	4.44	0.86	1.120	5.156	4.603	1497.	41.	6.	759.2	27.7	1
2606	0	448	37.5431	88.1048	-273.7	PPCV	6.21	2.11	1.13	0.339	1.863	5.491	1471.	37.	10.	759.2	27.7	1
2607	10	480	37.5431	88.1040	-275.5	PPCV	6.11	0.25	1.15	0.0	0.0	5.293	1388.	54.	11.	758.1	27.7	1
2608	0	504	37.5431	88.1033	-278.2	PPCV	6.72	4.37	0.97	0.650	4.490	6.912	1475.	36.	5.	758.7	27.7	1
2609	0	504	37.5431	88.1025	-281.7	PPCV	3.95	2.13	0.65	0.539	3.279	6.084	1306.	52.	7.	759.7	27.7	1
2610	0	496	37.5431	88.1018	-281.5	PPCV	6.31	4.97	0.85	0.789	5.818	7.378	1264.	34.	0.	758.7	27.7	1
2611	10	504	37.5431	88.1011	-281.0	PPCV	6.42	1.47	0.73	0.0	0.0	8.769	1272.	28.	7.	758.7	27.8	1
2612	0	496	37.5432	88.1003	-280.5	PPCV	4.25	1.51	0.80	0.355	1.899	5.348	1164.	38.	5.	759.7	27.8	1
2613	0	464	37.5432	88.0996	-281.0	PPCV	6.16	2.00	1.03	0.326	1.941	5.960	1249.	27.	4.	759.7	27.8	1
2614	10	428	37.5432	88.0987	-280.7	PPCV	4.13	1.31	0.80	0.0	0.0	5.141	1113.	49.	6.	757.6	27.9	1
2615	0	436	37.5432	88.0981	-280.5	PPCV	5.84	2.02	1.00	0.346	2.012	5.819	1239.	39.	9.	758.7	27.9	1
2616	10	460	37.5432	88.0973	-281.5	PPCV	4.08	0.72	0.86	0.0	0.0	4.731	1059.	41.	11.	759.7	27.9	1
2617	10	472	37.5432	88.0965	-283.7	PPCV	4.04	1.18	0.66	0.0	0.0	6.076	1044.	31.	10.	759.7	27.9	1
2618	10	516	37.5432	88.0957	-284.2	PPCV	3.40	1.37	0.73	0.0	0.0	4.679	934.	41.	9.	758.7	27.9	1
2619	10	572	37.5432	88.0950	-282.7	PPCV	5.57	0.03	0.80	0.0	0.0	6.926	888.	41.	9.	759.2	28.0	1
2620	10	604	37.5432	88.0943	-282.2	QAL	4.16	0.81	0.43	0.0	0.0	9.680	754.	49.	10.	759.2	28.0	1
2621	110	652	37.5432	88.0935	-287.0	QAL	1.29	.04	0.38	0.0	0.0	0.0	516.	38.	9.	758.1	28.0	1
2622	111	676	37.5433	88.0928	-286.7	QAL	1.13	.45	0.24	0.0	0.0	0.0	477.	43.	9.	759.2	27.9	1
2623	11	668	37.5433	88.0920	-285.0	QAL	2.34	1.61	0.13	0.0	0.0	0.0	515.	35.	8.	759.2	27.9	1
2624	0	656	37.5432	88.0913	-287.0	QAL	3.59	1.74	0.42	0.485	4.173	8.600	488.	31.	1.	758.1	27.9	1
2625	101	656	37.5433	88.0905	-287.2	QAL	1.72	2.45	-0.12	0.0	0.0	0.0	285.	61.	2.	759.7	27.9	1
2626	111	648	37.5433	88.0897	-286.5	QAL	1.59	1.54	0.07	0.0	0.0	0.0	306.	38.	1.	760.7	27.9	1
2627	101	644	37.5433	88.0890	-286.2	QAL	0.78	1.95	0.03	0.0	0.0	0.0	210.	36.	0.	758.7	27.9	1
2628	111	644	37.5434	88.0883	-287.0	QAL	-0.10	1.13	0.20	0.0	0.0	0.0	190.	42.	2.	758.7	27.9	1
2629	111	640	37.5434	88.0874	-290.0	QAL	1.00	-0.86	0.17	0.0	0.0	0.0	173.	34.	3.	760.7	28.0	1
2630	111	640	37.5434	88.0867	-293.7	QAL	0.02	-0.29	0.06	0.0	0.0	0.0	93.	45.	0.	759.7	28.0	1
2631	111	636	37.5434	88.0860	-292.7	QAL	0.30	0.42	-0.04	0.0	0.0	0.0	106.	39.	4.	758.7	28.0	1
2632	11	636	37.5434	88.0852	-291.0	QAL	1.92	-0.75	-0.02	0.0	0.0	0.0	79.	45.	1.	759.7	28.0	1
2633	101	640	37.5434	88.0845	-293.7(WATER)		0.37	1.44	-0.03	0.0	0.0	0.0	131.	36.	0.	759.7	28.1	1
2634	111	644	37.5434	88.0837	-297.0(WATER)		-0.05	-0.08	-0.06	0.0	0.0	0.0	69.	46.	5.	758.7	28.0	1
2635	111	648	37.5434	88.0830	-296.2(WATER)		-0.08	0.29	0.02	0.0	0.0	0.0	167.	28.	5.	758.7	28.0	1
2636	111	652	37.5434	88.0822	-295.2(WATER)		-0.17	1.60	-0.19	0.0	0.0	0.0	126.	39.	4.	760.7	28.0	1
2637	11	660	37.5434	88.0815	-293.2(WATER)		2.09	0.06	0.09	0.0	0.0	0.0	212.	34.	3.	759.7	27.9	1
2638	111	660	37.5435	88.0807	-292.5(WATER)		-0.13	1.30	0.03	0.0	0.0	0.0	242.	39.	3.	758.7	27.9	1
2639	110	660	37.5435	88.0799	-294.5(WATER)		0.43	1.09	0.36	0.0	0.0	0.0	250.	40.	7.	759.7	27.9	1
2640	101	660	37.5435	88.0791	-297.5(WATER)		0.90	1.84	0.07	0.0	0.0	0.0	371.	32.	3.	759.7	27.8	1
2641	11	660	37.5435	88.0784	-301.0(WATER)		2.26	0.74	0.04	0.0	0.0	0.0	521.	46.	8.	758.7	27.8	1
2642	0	656	37.5435	88.0777	-301.5(WATER)		2.25	2.15	0.29	0.955	7.546	7.900	663.	43.	8.	759.7	27.7	1
2643	10	636	37.5435	88.0769	-302.5(WATER)		5.78	1.25	0.73	0.0	0.0	7.917	1012.	39.	10.	760.7	27.8	1
2644	10	620	37.5435	88.0762	-301.5(WATER)		4.66	1.63	0.69	0.0	0.0	6.722	1215.	37.	10.	758.7	27.7	1
2645	0	616	37.5435	88.0754	-303.7	QAL	4.81	2.20	1.19	0.456	1.840	4.032	1470.	35.	11.	759.7	27.7	1
2646	10	616	37.5435	88.0747	-308.5	QAL	5.62	0.50	1.64	0.0	0.0	3.423	1696.	56.	9.	761.8	27.7	1
2647	10	616	37.5436	88.0739	-310.2	QAL	10.05	1.08	1.98	0.0	0.0	5.071	1753.	30.	13.	759.7	27.7	1
2648	0	608	37.5436	88.0732	-309.5	QAL	8.14	2.33	1.35	0.286	1.722	6.018	1686.	27.	6.	759.7	27.7	1
2649	0	588	37.5436	88.0724	-308.2	QAL	4.85	2.91	0.96	0.601	3.038	5.054	1492.	38.	11.	761.8	27.8	1
2650	0	576	37.5436	88.0717	-308.5	QAL	6.39	2.29	1.52	0.358	1.509	4.209	1566.	39.	5.	760.7	27.7	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2651	0	520	37.5436	88.0709	-310.2	PPTC	6.93	3.59	0.87	0.519	4.137	7.975	1453.	44.	8.	759.7	27.8	1
2652	10	428	37.5436	88.0701	-312.0	PPTC	7.97	0.61	0.81	0.0	0.0	9.790	1302.	35.	7.	761.8	27.7	1
2653	10	432	37.5437	88.0694	-313.0	PPTC	6.94	-0.03	1.03	0.0	0.0	6.765	1310.	46.	10.	761.8	27.7	1
2654	10	444	37.5437	88.0686	-313.2	PPTC	5.70	0.76	1.14	0.0	0.0	5.004	1435.	55.	9.	759.7	27.7	1
2655	0	408	37.5437	88.0679	-314.2	PPTC	6.85	1.89	0.99	0.277	1.915	6.924	1324.	44.	5.	760.7	27.6	1
2656	0	412	37.5437	88.0671	-315.2	PPTC	6.62	2.81	0.93	0.424	3.025	7.127	1380.	27.	4.	760.7	27.5	1
2657	0	408	37.5437	88.0664	-317.0	PPTC	5.18	1.88	1.17	0.363	1.602	4.409	1400.	40.	8.	759.7	27.5	1
2658	0	432	37.5437	88.0656	-317.7	PPTC	6.51	2.65	0.95	0.407	2.786	6.843	1486.	41.	10.	760.7	27.6	1
2659	0	464	37.5437	88.0649	-320.5	PPTC	7.28	3.10	1.18	0.426	2.619	6.147	1657.	44.	10.	760.7	27.7	1
2660	0	432	37.5437	88.0640	-320.2	PPTC	8.03	2.53	1.27	0.315	1.985	6.305	1554.	43.	4.	758.7	27.7	1
2661	0	376	37.5437	88.0634	-320.2	PPTC	5.52	2.13	0.98	0.386	2.184	5.653	1382.	33.	10.	760.2	27.8	1
2662	10	384	37.5437	88.0626	-322.0	PPTC	7.55	1.12	1.03	0.0	0.0	7.346	1508.	32.	8.	761.2	27.9	1
2663	10	396	37.5438	88.0619	-322.0	PPTC	7.22	1.35	1.40	0.0	0.0	5.158	1497.	33.	9.	758.1	27.9	1
2664	0	396	37.5438	88.0611	-322.2	PPTC	6.08	2.14	1.28	0.352	1.680	4.766	1556.	45.	10.	759.2	27.8	1
2665	0	404	37.5438	88.0603	-324.5	PPTC	6.55	2.38	0.94	0.364	2.537	6.968	1468.	40.	7.	760.7	27.9	1
2666	0	412	37.5438	88.0596	-325.7	PPTC	5.06	4.15	1.08	0.820	3.827	4.667	1639.	34.	6.	758.7	27.9	1
2667	0	428	37.5438	88.0588	-327.2	PPTC	5.76	3.34	1.36	0.580	2.449	4.223	1632.	32.	3.	759.7	27.9	1
2668	0	444	37.5438	88.0581	-328.2	PPTC	6.13	3.72	1.08	0.607	3.447	5.680	1624.	43.	5.	761.8	27.9	1
2669	0	448	37.5439	88.0573	-328.7	PPTC	6.90	2.67	1.15	0.387	2.330	6.024	1530.	48.	3.	759.2	27.9	1
2670	0	432	37.5439	88.0566	-331.7	PPTC	6.28	2.37	1.02	0.377	2.329	6.177	1481.	34.	3.	759.7	27.8	1
2671	0	428	37.5439	88.0558	-333.5	PPTC	7.00	3.68	0.85	0.526	4.350	8.266	1383.	51.	0.	761.8	27.9	1
2672	0	424	37.5439	88.0550	-331.7	PPTC	7.75	1.68	0.84	0.217	1.989	9.178	1362.	33.	2.	759.7	27.9	1
2673	0	420	37.5439	88.0543	-333.7	PPTC	5.86	2.40	1.32	0.409	1.824	4.457	1467.	34.	0.	758.7	27.8	1
2674	0	444	37.5439	88.0536	-334.5	PPTC	6.12	4.19	1.07	0.685	3.899	5.694	1562.	43.	0.	760.7	27.9	1
2675	0	456	37.5440	88.0529	-333.7	PPTC	7.93	2.74	1.37	0.346	2.009	5.806	1570.	45.	0.	759.7	27.9	1
2676	0	456	37.5439	88.0520	-334.5	PPTC	6.78	3.45	1.14	0.509	3.041	5.976	1605.	35.	0.	759.7	27.8	1
2677	0	464	37.5439	88.0513	-337.2	PPTC	7.25	2.49	1.03	0.344	2.411	7.016	1490.	44.	1.	761.8	27.8	1
2678	0	476	37.5440	88.0505	-339.5	PPTC	6.09	3.72	1.21	0.611	3.074	5.034	1557.	52.	4.	760.2	27.9	1
2679	0	504	37.5440	88.0498	-340.2	PPTC	8.28	2.24	1.41	0.270	1.589	5.879	1617.	35.	7.	759.2	27.9	1
2680	0	532	37.5440	88.0490	-341.2	PPTC	6.96	2.55	1.14	0.367	2.233	6.089	1653.	32.	7.	761.2	27.9	1
2681	0	536	37.5440	88.0483	-344.0	PPTC	8.57	2.36	1.16	0.275	2.033	7.385	1643.	42.	11.	760.7	27.9	1
2682	10	536	37.5440	88.0475	-343.5	PPTC	9.92	1.11	1.27	0.0	0.0	7.806	1618.	38.	14.	758.7	27.9	1
2683	10	564	37.5440	88.0468	-344.5	PPTC	6.78	0.49	1.40	0.0	0.0	4.851	1586.	43.	15.	760.2	27.9	1
2684	10	544	37.5440	88.0461	-347.2	PPTC	6.10	1.96	1.16	0.0	0.0	5.256	1625.	42.	16.	761.2	27.9	1
2685	10	528	37.5441	88.0452	-345.7	PPTC	9.92	-0.34	1.16	0.0	0.0	8.536	1540.	45.	14.	759.2	27.9	1
2686	10	540	37.5441	88.0445	-345.7	PPTC	5.81	0.43	1.07	0.0	0.0	5.453	1530.	34.	13.	760.2	27.9	1
2687	10	552	37.5441	88.0437	-349.5	PPTC	7.66	1.58	0.74	0.0	0.0	10.331	1460.	45.	11.	761.8	27.9	1
2688	0	560	37.5441	88.0430	-351.5	PPTC	6.20	2.01	1.08	0.324	1.854	5.718	1568.	37.	10.	759.7	27.9	1
2689	0	556	37.5441	88.0422	-351.2	QAL	7.92	2.74	0.79	0.346	3.456	9.989	1485.	36.	5.	760.2	27.8	1
2690	0	572	37.5441	88.0415	-355.0	QAL	3.77	2.44	1.47	0.648	1.661	2.563	1546.	40.	6.	761.8	27.9	1
2691	0	592	37.5442	88.0407	-355.7	QAL	6.28	3.38	0.74	0.539	4.552	8.449	1496.	41.	0.	759.7	27.9	1
2692	0	592	37.5441	88.0400	-355.7	QAL	9.26	3.69	0.94	0.398	3.937	9.882	1573.	33.	1.	760.7	27.9	1
2693	0	592	37.5441	88.0392	-354.0	QAL	6.22	3.53	1.08	0.568	3.264	5.751	1527.	28.	4.	762.3	27.9	1
2694	10	596	37.5442	88.0385	-354.5	QAL	5.99	1.56	1.62	0.0	0.0	3.702	1493.	34.	5.	760.2	27.9	1
2695	0	592	37.5442	88.0378	-359.5	QAL	8.08	2.00	1.30	0.248	1.543	6.225	1482.	30.	2.	760.7	27.9	1
2696	10	592	37.5442	88.0369	-360.7	QAL	6.72	-0.66	1.29	0.0	0.0	5.215	1469.	33.	12.	761.8	27.8	1
2697	0	588	37.5442	88.0362	-357.5	QAL	6.36	4.76	1.06	0.748	4.484	5.991	1500.	37.	7.	759.7	27.8	1
2698	10	568	37.5442	88.0355	-361.2	QAL	6.78	1.28	0.89	0.0	0.0	7.599	1468.	42.	11.	761.8	27.8	1
2699	0	500	37.5442	88.0347	-364.5	QAL	5.23	2.64	0.82	0.504	3.233	6.414	1367.	36.	11.	761.8	27.8	1
2700	10	504	37.5443	88.0339	-362.5	QAL	8.06	-0.69	1.26	0.0	0.0	6.374	1341.	38.	9.	759.7	27.8	1
2701	0	544	37.5443	88.0332	-366.0	QAL	6.99	3.25	1.25	0.464	2.595	5.592	1485.	41.	7.	761.2	27.8	1
2702	10	568	37.5442	88.0324	-367.7	QAL	6.87	0.77	1.21	0.0	0.0	5.671	1555.	47.	13.	760.7	27.8	1
2703	10	564	37.5442	88.0317	-366.5	QAL	7.97	2.13	1.08	0.0	0.0	7.370	1564.	43.	13.	759.7	27.8	1

CP9 IP12

*	TAGS		* LOCATION			*		REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2704	0	564	37.5443	88.0310	-369.2		QAL	5.29	2.27	1.32	0.428	1.720	4.015	1547.	51.	12.	761.8	27.8	1
2705	10	564	37.5443	88.0302	-367.2		QAL	8.23	1.64	1.02	0.0	0.0	8.076	1479.	50.	10.	760.7	27.8	1
2706	0	564	37.5443	88.0295	-368.0		QAL	6.26	3.84	1.33	0.613	2.886	4.707	1595.	39.	10.	759.7	27.8	1
2707	10	564	37.5443	88.0287	-374.0		QAL	6.71	2.00	1.05	0.0	0.0	6.409	1482.	43.	11.	762.3	27.8	1
2708	0	568	37.5443	88.0279	-374.5		QAL	5.50	2.14	1.20	0.389	1.787	4.594	1488.	46.	12.	761.2	27.8	1
2709	10	568	37.5443	88.0272	-374.0		QAL	6.58	1.94	1.71	0.0	0.0	3.856	1576.	33.	14.	759.7	27.8	1
2710	0	568	37.5444	88.0265	-377.7		QAL	7.84	2.81	1.08	0.358	2.604	7.266	1546.	49.	13.	761.8	27.7	1
2711	10	564	37.5444	88.0256	-376.5		QAL	6.74	1.61	1.23	0.0	0.0	5.460	1574.	36.	11.	760.7	27.8	1
2712	10	564	37.5444	88.0249	-376.7		QAL	8.85	1.32	1.19	0.0	0.0	7.415	1525.	34.	13.	760.2	27.8	1
2713	10	568	37.5444	88.0242	-380.5		QAL	7.42	1.85	1.01	0.0	0.0	7.354	1598.	39.	15.	762.3	27.8	1
2714	10	572	37.5444	88.0234	-380.7		QAL	8.25	0.86	1.30	0.0	0.0	6.349	1581.	40.	12.	759.7	27.8	1
2715	10	576	37.5444	88.0227	-379.0		QAL	6.25	1.78	1.15	0.0	0.0	5.443	1533.	29.	13.	758.7	27.9	1
2716	10	580	37.5445	88.0219	-382.7		QAL	6.64	1.00	1.20	0.0	0.0	5.543	1584.	40.	9.	761.8	27.9	1
2717	0	592	37.5445	88.0212	-382.2		QAL	7.91	2.23	1.01	0.282	2.200	7.809	1502.	40.	6.	759.7	27.9	1
2718	10	596	37.5444	88.0204	-383.5		QAL	6.78	0.82	1.16	0.0	0.0	5.823	1454.	42.	9.	759.7	27.8	1
2719	10	588	37.5445	88.0196	-385.0		QAL	10.15	1.14	1.11	0.0	0.0	9.167	1568.	26.	7.	761.8	27.8	1
2720	10	564	37.5445	88.0189	-386.0		QAL	5.49	0.97	0.89	0.0	0.0	6.169	1262.	42.	6.	759.7	27.7	1
2721	0	560	37.5445	88.0182	-386.7		QAL	3.60	3.91	1.15	1.085	3.410	3.143	1459.	40.	3.	760.7	27.7	1
2722	0	556	37.5445	88.0173	-387.5		QAL	4.66	4.18	0.86	0.897	4.852	5.410	1429.	34.	5.	761.8	27.7	1
2723	10	564	37.5445	88.0166	-389.7		QAL	9.48	1.67	1.15	0.0	0.0	8.212	1573.	34.	8.	759.7	27.7	1
2724	0	592	37.5445	88.0159	-391.2		QAL	6.56	3.69	1.00	0.562	3.695	6.571	1656.	43.	9.	761.8	27.7	1
2725	0	592	37.5445	88.0151	-391.2		QAL	8.89	2.94	1.05	0.330	2.804	8.491	1669.	40.	5.	761.8	27.6	1
2726	10	592	37.5446	88.0144	-391.2		QAL	8.23	0.93	1.21	0.0	0.0	6.792	1684.	40.	7.	759.7	27.7	1
2727	0	588	37.5446	88.0136	-392.7		QAL	5.90	2.39	1.45	0.406	1.651	4.070	1672.	39.	8.	761.8	27.7	1
2728	0	584	37.5446	88.0128	-393.0		QAL	7.47	2.36	0.97	0.316	2.446	7.731	1649.	33.	2.	760.7	27.7	1
2729	0	580	37.5446	88.0121	-395.2		QAL	5.88	2.44	1.31	0.415	1.867	4.501	1571.	58.	6.	759.7	27.7	1
2730	0	576	37.5446	88.0114	-396.7		QAL	6.52	2.97	1.13	0.456	2.632	5.773	1646.	41.	5.	761.8	27.7	1
2731	0	572	37.5446	88.0105	-395.7		QAL	7.18	4.62	0.80	0.644	5.775	8.972	1621.	46.	4.	760.7	27.8	1
2732	0	564	37.5447	88.0099	-397.2		QAL	7.14	1.94	1.28	0.272	1.524	5.593	1584.	35.	7.	760.7	27.8	1
2733		528	37.5446	88.0090	-398.7		QAL	8.19	3.52	0.96	0.430	3.678	8.552	1522.	46.	2.	762.8	27.7	1
2734		532	37.5446	88.0083	-399.0		QAL	5.98	1.91	1.22	0.319	1.566	4.907	1492.	42.	12.	760.7	27.7	1
2735		80	37.5447	88.0076	-400.0		QAL	6.00	2.85	1.09	0.475	2.602	5.481	1619.	44.	13.	760.7	27.8	1
2736	10	30	37.5447	88.0069	-401.5		QAL	6.83	0.01	1.41	0.0	0.0	4.838	1614.	43.	12.	762.3	27.8	1
2737	0	580	37.5447	88.0061	-403.0		QAL	6.19	4.01	1.06	0.648	3.786	5.840	1609.	35.	9.	760.2	27.8	1
2738	0	580	37.5447	88.0053	-404.0		QAL	6.80	3.19	0.98	0.469	3.242	6.913	1519.	49.	10.	760.2	27.9	1
2739	10	564	37.5447	88.0046	-406.0		QAL	9.55	1.66	0.96	0.0	0.0	9.977	1590.	45.	12.	760.7	27.9	1
2740	0	560	37.5447	88.0038	-407.7		QAL	7.04	3.28	1.23	0.465	2.665	5.729	1624.	46.	11.	759.7	27.9	1
2741	0	592	37.5448	88.0031	-409.7		QAL	6.60	2.17	1.07	0.329	2.023	6.141	1639.	43.	12.	760.7	27.9	1
2742	0	592	37.5448	88.0022	-409.0		QAL	5.53	2.11	1.20	0.382	1.753	4.591	1681.	39.	9.	760.2	27.9	1
2743	10	592	37.5447	88.0015	-406.2		QAL	7.53	1.19	1.22	0.0	0.0	6.193	1617.	34.	9.	760.2	27.9	1
2744	10	560	37.5447	88.0008	-409.2		QAL	6.80	1.58	1.02	0.0	0.0	6.688	1469.	39.	9.	762.3	27.9	1

*	TAGS		* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1	0	416	37.4583	88.0003	-356.0	PPTC	6.17	2.06	0.78	0.334	2.649	7.924	1259.	47.	0.	763.3	27.7	1
2	0	396	37.4583	88.0010	-356.7	PPTC	6.42	2.89	0.95	0.450	3.035	6.748	1300.	36.	0.	763.8	27.7	1
3	0	364	37.4583	88.0018	-356.2	PPTC	5.16	2.41	0.87	0.467	2.768	5.932	1327.	56.	0.	763.3	27.7	1
4	0	364	37.4583	88.0023	-356.2	PPTC	6.95	2.37	1.21	0.341	1.963	5.751	1399.	35.	0.	763.8	27.7	1
5	0	376	37.4583	88.0031	-357.7	PPTC	7.57	1.83	0.97	0.242	1.896	7.832	1520.	41.	1.	763.8	27.6	1
6	0	364	37.4583	88.0037	-358.5	PPTC	8.20	4.12	1.10	0.503	3.746	7.449	1706.	42.	0.	763.3	27.6	1
7	0	352	37.4584	88.0045	-358.5	PPTC	4.62	3.39	1.24	0.735	2.735	3.722	1641.	41.	2.	763.3	27.6	1
8	0	344	37.4584	88.0051	-358.2	PPTC	7.79	4.23	0.96	0.542	4.424	8.155	1629.	40.	0.	763.3	27.6	1
9	0	340	37.4584	88.0059	-358.2	PPTC	7.83	3.09	1.16	0.394	2.672	6.774	1635.	39.	2.	763.3	27.6	1
10	0	344	37.4584	88.0065	-359.0	PPTC	8.29	1.89	1.10	0.228	1.719	7.539	1688.	29.	3.	764.3	27.6	1
11	0	348	37.4584	88.0072	-358.7	PPTC	6.10	4.21	0.87	0.691	4.856	7.030	1605.	36.	1.	764.9	27.6	1
12	0	352	37.4584	88.0079	-357.2	PPTC	9.20	1.89	1.02	0.206	1.857	9.027	1631.	44.	3.	764.9	27.6	1
13	0	368	37.4584	88.0086	-358.0	PPTC	6.78	1.71	1.14	0.252	1.505	5.975	1653.	37.	4.	764.3	27.5	1
14	0	372	37.4584	88.0092	-360.5	PPTC	6.73	4.21	1.15	0.625	3.661	5.859	1706.	37.	3.	764.3	27.5	1
15	0	372	37.4584	88.0100	-362.2	PPTC	8.26	2.81	1.17	0.341	2.397	7.036	1692.	41.	5.	764.9	27.5	1
16	0	372	37.4584	88.0107	-363.0	PPTC	9.36	3.64	1.11	0.389	3.295	8.462	1725.	33.	0.	763.8	27.4	1
17	0	376	37.4585	88.0113	-362.2	PPTC	7.61	2.75	1.16	0.361	2.371	6.562	1720.	36.	3.	763.3	27.4	1
18	0	376	37.4585	88.0120	-362.2	PPTC	8.57	3.15	1.21	0.367	2.600	7.081	1669.	36.	1.	763.3	27.4	1
19	0	380	37.4585	88.0127	-363.7	PPTC	9.15	2.88	1.04	0.315	2.770	8.802	1635.	45.	2.	762.3	27.3	1
20	0	392	37.4585	88.0134	-364.5	PPTC	7.39	2.13	1.55	0.289	1.381	4.777	1556.	51.	3.	761.2	27.2	1
21	0	400	37.4585	88.0141	-363.7	PPTC	7.80	3.76	1.01	0.482	3.729	7.735	1686.	45.	3.	761.8	27.2	1
22	0	388	37.4585	88.0148	-362.7	PPTC	7.91	2.25	1.10	0.285	2.045	7.185	1654.	36.	9.	761.8	27.2	1
23	0	392	37.4585	88.0154	-363.5	PPTC	7.79	1.91	1.17	0.245	1.631	6.660	1609.	33.	10.	761.8	27.2	1
24	0	388	37.4585	88.0161	-364.2	PPTC	9.40	3.78	1.21	0.402	3.111	7.740	1767.	39.	11.	762.8	27.2	1
25	0	392	37.4585	88.0168	-364.2	PPTC	8.30	3.52	0.98	0.424	3.581	8.444	1737.	28.	11.	762.8	27.2	1
26	10	384	37.4585	88.0175	-365.0	PPTC	7.50	0.95	1.09	0.0	0.0	6.848	1594.	43.	15.	763.8	27.2	1
27	0	368	37.4585	88.0182	-364.5	PPTC	6.80	2.24	1.50	0.330	1.492	4.521	1747.	50.	13.	764.3	27.2	1
28	0	332	37.4585	88.0189	-364.5	PPTC	7.95	2.36	1.12	0.297	2.114	7.126	1620.	34.	12.	764.3	27.2	1
29	0	348	37.4585	88.0196	-364.5	PPTC	4.60	3.32	1.19	0.721	2.791	3.869	1753.	45.	12.	764.3	27.2	1
30	0	332	37.4585	88.0202	-363.5	PPTC	9.75	1.46	1.32	0.149	1.104	7.403	1633.	39.	8.	763.8	27.2	1
31	0	324	37.4585	88.0209	-364.0	PPTC	8.51	1.38	1.37	0.162	1.007	6.236	1596.	43.	9.	763.3	27.2	1
32	0	304	37.4585	88.0216	-365.5	PPTC	7.87	2.52	0.77	0.320	3.265	10.209	1416.	37.	7.	763.8	27.2	1
33	0	296	37.4586	88.0223	-367.5	PPTC	6.73	1.88	0.85	0.279	2.213	7.926	1367.	44.	5.	764.3	27.2	1
34	0	324	37.4586	88.0230	-367.2	PPTC	5.68	1.91	0.73	0.337	2.603	7.743	1209.	28.	6.	763.8	27.3	1
35	0	356	37.4586	88.0237	-367.7	PPTC	5.09	2.33	0.85	0.458	2.748	6.000	1260.	33.	5.	763.3	27.3	1
36	0	380	37.4586	88.0243	-368.2	PPTC	4.36	2.80	0.80	0.641	3.485	5.435	1331.	37.	5.	762.8	27.3	1
37	10	360	37.4586	88.0250	-367.5	PPTC	7.25	1.19	0.83	0.0	0.0	8.707	1262.	39.	6.	762.8	27.3	1
38	10	340	37.4586	88.0257	-367.5	PPTC	5.12	0.66	0.81	0.0	0.0	6.346	1216.	51.	7.	762.8	27.3	1
39	0	340	37.4586	88.0264	-367.5	PPTC	5.23	1.70	0.67	0.324	2.540	7.841	1220.	41.	7.	762.8	27.3	1
40	0	348	37.4586	88.0271	-368.7	MCU	4.12	2.58	0.89	0.626	2.907	4.640	1264.	30.	7.	763.8	27.3	1
41	0	384	37.4586	88.0278	-370.0	MCU	6.47	2.27	0.91	0.350	2.492	7.115	1462.	34.	5.	763.8	27.3	1
42	0	372	37.4587	88.0285	-370.5	MCU	5.72	2.33	0.84	0.408	2.794	6.843	1401.	44.	7.	763.8	27.3	1
43	0	388	37.4587	88.0292	-369.7	MCU	6.89	2.74	1.20	0.398	2.282	5.735	1479.	41.	9.	764.3	27.3	1
44	0	392	37.4587	88.0299	-369.7	MCU	8.10	1.84	1.16	0.227	1.576	6.958	1576.	45.	9.	764.3	27.3	1
45	0	392	37.4587	88.0305	-371.2	MCU	7.93	2.28	1.16	0.288	1.971	6.848	1626.	52.	6.	764.3	27.4	1
46	0	384	37.4587	88.0313	-371.7	MCU	5.77	3.90	1.11	0.677	3.524	5.208	1685.	38.	4.	764.3	27.4	1
47	10	412	37.4587	88.0319	-371.0	MCU	6.92	0.99	1.47	0.0	0.0	4.722	1693.	47.	9.	763.8	27.3	1
48	0	420	37.4587	88.0326	-371.5	MCU	7.99	1.56	1.35	0.195	1.156	5.937	1797.	29.	8.	764.3	27.3	1
49	0	416	37.4587	88.0333	-373.0	MCU	11.67	3.00	1.14	0.257	2.630	10.222	1748.	37.	5.	763.8	27.3	1
50	0	480	37.4587	88.0340	-372.2	MCU	8.08	2.92	1.33	0.361	2.197	6.088	1792.	43.	7.	762.3	27.3	1
51	0	392	37.4588	88.0347	-374.0	MCU	7.92	2.40	1.18	0.303	2.037	6.714	1540.	37.	5.	762.3	27.3	1
52	0	392	37.4588	88.0354	-374.2	MCU	5.65	2.88	1.10	0.510	2.607	5.116	1414.	42.	4.	762.3	27.3	1
53	0	364	37.4588	88.0360	-375.2	MCU	3.92	2.51	0.78	0.639	3.221	5.040	1115.	47.	6.	762.3	27.3	1

CP 9 IP 12

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
54	0	356	37.4588	88.0367	-375.0	MCU	3.76	1.53	0.73	0.407	2.083	5.122	1065.	43.	5.	762.3	27.3	1
55	0	332	37.4588	88.0374	-373.2	MCU	3.62	1.93	0.58	0.532	3.326	6.251	1015.	31.	8.	761.8	27.3	1
56	0	360	37.4588	88.0381	-376.0	MCU	3.72	1.31	0.56	0.352	2.356	6.694	969.	44.	10.	762.8	27.3	1
57	10	396	37.4588	88.0388	-375.7	QAL	4.12	-0.04	0.70	0.0	0.0	5.919	973.	34.	14.	764.3	27.3	1
58	10	424	37.4588	88.0395	-375.7	QAL	3.90	0.94	0.58	0.0	0.0	6.740	1039.	44.	11.	763.8	27.3	1
59	0	440	37.4588	88.0402	-377.5	QAL	4.42	1.89	0.59	0.429	3.197	7.458	1074.	43.	12.	763.8	27.3	1
60	0	452	37.4588	88.0408	-379.0	QAL	5.20	1.99	0.67	0.383	2.971	7.759	1054.	49.	9.	764.3	27.3	1
61	0	472	37.4588	88.0415	-377.2	QAL	4.86	1.56	0.60	0.322	2.606	8.091	1097.	45.	8.	764.3	27.3	1
62	0	492	37.4588	88.0422	-378.0	QAL	4.90	2.32	0.71	0.474	3.265	6.893	1180.	49.	7.	764.3	27.3	1
63	0	508	37.4588	88.0429	-378.5	QAL	3.74	2.44	0.81	0.655	3.011	4.600	1250.	32.	10.	764.3	27.3	1
64	10	528	37.4588	88.0435	-379.0	QAL	5.43	0.20	1.30	0.0	0.0	4.179	1303.	34.	6.	763.8	27.4	1
65	0	588	37.4589	88.0443	-378.2	QAL	5.52	2.18	0.68	0.395	3.198	8.100	1348.	46.	7.	764.3	27.3	1
66	10	596	37.4589	88.0449	-379.0	QAL	6.36	1.73	1.02	0.0	0.0	6.259	1481.	43.	11.	764.3	27.4	1
67	0	592	37.4589	88.0456	-380.5	QAL	5.90	3.60	0.91	0.610	3.950	6.478	1478.	38.	6.	763.8	27.4	1
68	0	560	37.4589	88.0464	-381.5	QAL	5.64	2.26	1.09	0.401	2.080	5.194	1410.	38.	8.	762.8	27.4	1
69	10	492	37.4589	88.0470	-380.7	QAL	5.86	1.70	1.07	0.0	0.0	5.484	1243.	45.	11.	762.8	27.4	1
70	10	488	37.4589	88.0478	-381.0	MCU	4.76	1.33	0.75	0.0	0.0	6.387	1284.	49.	9.	762.8	27.4	1
71	0	484	37.4589	88.0484	-382.0	MCU	6.99	2.25	0.94	0.321	2.379	7.400	1329.	49.	9.	762.8	27.4	1
72	0	492	37.4589	88.0491	-381.5	MCU	6.23	2.03	0.77	0.326	2.631	8.070	1350.	35.	11.	762.8	27.4	1
73	0	488	37.4589	88.0497	-382.2	MCU	7.06	2.96	0.90	0.419	3.281	7.833	1360.	25.	11.	762.8	27.4	1
74	10	464	37.4589	88.0505	-384.5	MCU	4.72	1.46	0.80	0.0	0.0	5.905	1191.	34.	10.	762.8	27.5	1
75	10	468	37.4589	88.0511	-384.2	MCU	5.58	1.10	0.88	0.0	0.0	6.344	1271.	34.	11.	762.8	27.4	1
76	0	472	37.4589	88.0519	-383.5	MCU	7.46	1.81	0.74	0.242	2.451	10.108	1185.	43.	11.	763.8	27.4	1
77	10	464	37.4590	88.0525	-384.7	MCU	6.42	0.75	0.87	0.0	0.0	7.417	1306.	34.	9.	763.8	27.4	1
78	0	444	37.4589	88.0532	-384.5	MCU	5.79	1.77	0.74	0.305	2.391	7.830	1164.	41.	8.	763.8	27.4	1
79	0	428	37.4590	88.0539	-385.5	MCU	6.27	2.00	0.60	0.319	3.335	10.446	1206.	38.	8.	763.8	27.3	1
80	0	404	37.4590	88.0546	-386.5	MCU	6.14	2.70	0.42	0.439	6.425	14.645	1152.	37.	9.	765.4	27.3	1
81	10	404	37.4590	88.0553	-386.5	MCU	7.83	0.99	0.77	0.0	0.0	10.231	1245.	25.	9.	765.4	27.3	1
82	10	432	37.4590	88.0560	-387.0	MCU	6.40	1.30	0.80	0.0	0.0	7.957	1281.	37.	10.	764.3	27.3	1
83	0	408	37.4590	88.0567	-387.2	MCL	3.55	2.52	0.71	0.710	3.526	4.967	1116.	46.	6.	764.3	27.3	1
84	0	420	37.4590	88.0573	-388.5	MCL	6.21	1.61	0.84	0.260	1.909	7.352	1188.	34.	2.	764.3	27.3	1
85	0	448	37.4590	88.0580	-388.7	MCL	5.55	2.26	1.02	0.408	2.218	5.434	1305.	40.	3.	764.3	27.3	1
86	0	428	37.4591	88.0587	-388.5	MCL	5.48	2.72	0.85	0.495	3.194	6.447	1213.	48.	0.	764.3	27.3	1
87	0	408	37.4591	88.0594	-389.2	MCL	6.12	2.17	1.23	0.355	1.760	4.958	1316.	38.	0.	764.3	27.3	1
88	0	416	37.4591	88.0601	-389.7	MCL	5.68	3.52	0.82	0.621	4.293	6.918	1293.	37.	0.	763.8	27.3	1
89	0	452	37.4591	88.0608	-389.5	QAL	6.37	2.18	1.30	0.343	1.678	4.899	1404.	35.	0.	763.8	27.3	1
90	0	492	37.4591	88.0614	-390.7	QAL	5.62	4.25	1.10	0.757	3.864	5.104	1404.	37.	0.	763.8	27.4	1
91	0	484	37.4591	88.0621	-391.7	QAL	5.20	4.11	0.67	0.789	6.128	7.765	1277.	43.	3.	763.8	27.3	1
92	0	504	37.4591	88.0628	-392.5	QAL	3.53	1.91	0.82	0.540	2.336	4.325	1193.	48.	6.	762.8	27.4	1
93	0	556	37.4591	88.0635	-392.7	QAL	4.92	3.16	0.59	0.641	5.334	8.316	1232.	48.	5.	762.8	27.3	1
94	0	592	37.4591	88.0642	-393.0	QAL	6.80	2.83	0.97	0.417	2.927	7.026	1458.	36.	7.	762.8	27.4	1
95	10	596	37.4591	88.0649	-393.5	QAL	7.16	-1.05	0.85	0.0	0.0	8.433	1386.	39.	13.	761.8	27.4	1
96	10	592	37.4591	88.0656	-394.0	QAL	5.77	0.27	0.90	0.0	0.0	6.433	1355.	33.	17.	762.8	27.4	1
97	10	576	37.4592	88.0662	-396.0	QAL	4.99	0.60	1.11	0.0	0.0	4.504	1179.	40.	16.	762.8	27.3	1
98	10	580	37.4592	88.0669	-396.2	QAL	5.18	-0.81	0.97	0.0	0.0	5.360	1324.	45.	16.	762.3	27.3	1
99	10	588	37.4592	88.0676	-395.7	QAL	4.53	1.10	0.86	0.0	0.0	5.272	1232.	38.	16.	763.3	27.3	1
100	0	596	37.4592	88.0683	-396.2	MCL	4.68	2.14	0.75	0.458	2.852	6.223	1306.	34.	13.	763.3	27.3	1
101	10	600	37.4592	88.0690	-398.0	MCL	7.25	0.13	0.82	0.0	0.0	8.797	1235.	29.	11.	762.8	27.3	1
102	10	596	37.4592	88.0697	-397.2	MCL	4.31	-0.09	0.76	0.0	0.0	5.631	1272.	37.	16.	762.8	27.3	1
103	0	596	37.4592	88.0703	-398.5	MCL	4.77	3.55	0.61	0.743	5.777	7.780	1278.	28.	11.	762.8	27.3	1
104	10	604	37.4592	88.0710	-399.0	MCL	5.93	0.09	0.94	0.0	0.0	6.330	1355.	34.	12.	763.3	27.3	1
105	0	600	37.4592	88.0717	-399.2	MCL	3.27	2.72	0.94	0.830	2.875	3.464	1312.	37.	9.	763.3	27.4	1
106	0	604	37.4592	88.0724	-400.7	MCL	7.05	2.64	0.67	0.374	3.909	10.449	1327.	40.	6.	763.3	27.4	1

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
107	10	604	37.4592	88.0731	-400.5	MCL	4.21	1.51	0.96	0.0	0.0	4.396	1203.	48.	8.	763.3	27.4	1
108	0	580	37.4592	88.0738	-401.2	MCL	4.86	3.24	0.65	0.667	5.021	7.532	1251.	44.	3.	763.8	27.4	1
109	0	564	37.4592	88.0746	-401.5	MCL	5.46	1.83	0.95	0.334	1.932	5.778	1248.	42.	2.	763.8	27.4	1
110	0	564	37.4592	88.0752	-402.7	MCL	3.57	1.82	1.03	0.509	1.759	3.456	1302.	41.	4.	763.8	27.5	1
111	0	536	37.4592	88.0759	-403.5	MCL	5.25	3.64	0.57	0.694	6.357	9.162	1218.	41.	4.	764.3	27.5	1
112	0	520	37.4592	88.0766	-404.0	MCL	5.28	2.06	1.16	0.390	1.775	4.548	1174.	39.	3.	763.8	27.5	1
113	0	540	37.4593	88.0773	-405.0	MCL	4.67	3.08	0.79	0.660	3.924	5.944	1231.	40.	0.	763.8	27.4	1
114	0	520	37.4593	88.0779	-405.5	MCL	3.79	3.64	0.66	0.959	5.556	5.791	1187.	44.	3.	764.3	27.5	1
115	0	512	37.4593	88.0786	-405.7	MCL	5.69	2.44	0.72	0.428	3.387	7.908	1163.	32.	5.	764.3	27.5	1
116	0	528	37.4593	88.0793	-405.5	MCL	6.93	2.38	0.54	0.343	4.405	12.832	1239.	34.	0.	764.3	27.5	1
117	0	516	37.4593	88.0800	-406.5	MCL	3.91	2.10	0.79	0.537	2.661	4.954	1167.	43.	6.	764.3	27.4	1
118	0	504	37.4593	88.0807	-406.5	MCL	5.05	3.09	0.82	0.612	3.749	6.131	1217.	39.	3.	764.3	27.4	1
119	0	480	37.4594	88.0814	-406.7	MCL	5.33	1.93	0.83	0.361	2.327	6.442	1179.	42.	4.	763.8	27.4	1
120	0	460	37.4594	88.0820	-406.7	MCL	5.08	2.04	0.53	0.403	3.845	9.550	1152.	31.	5.	763.8	27.4	1
121	0	452	37.4594	88.0827	-407.0	MCL	6.00	2.61	0.89	0.436	2.947	6.765	1163.	41.	3.	764.3	27.4	1
122	0	444	37.4594	88.0834	-407.5	MCL	3.83	2.99	0.70	0.781	4.263	5.461	1158.	45.	0.	764.3	27.4	1
123	10	444	37.4594	88.0841	-408.0	MCL	6.59	1.14	0.89	0.0	0.0	7.403	1210.	38.	1.	764.3	27.4	1
124	0	420	37.4594	88.0848	-407.5	MCL	7.13	2.12	0.83	0.298	2.561	8.602	1236.	32.	1.	763.8	27.5	1
125	10	388	37.4594	88.0855	-410.0	MCL	5.48	0.73	0.95	0.0	0.0	5.769	1198.	36.	0.	762.8	27.5	1
126	0	364	37.4594	88.0862	-409.2	MCL	4.32	2.37	0.91	0.548	2.588	4.724	1187.	36.	0.	762.3	27.5	1
127	0	364	37.4594	88.0869	-410.2	MCL	4.81	2.09	1.01	0.433	2.065	4.768	1269.	46.	3.	762.3	27.4	1
128	10	356	37.4594	88.0876	-412.5	MCL	7.08	0.88	0.91	0.0	0.0	7.751	1325.	41.	3.	762.3	27.5	1
129	0	348	37.4595	88.0882	-411.5	MCL	4.68	2.30	0.91	0.491	2.539	5.171	1212.	44.	5.	762.3	27.4	1
130	10	352	37.4595	88.0889	-413.0	MCL	4.91	0.93	0.76	0.0	0.0	6.440	1111.	45.	8.	761.2	27.5	1
131	10	412	37.4595	88.0896	-414.7	MCL	5.49	-0.31	0.90	0.0	0.0	6.098	1065.	39.	10.	760.7	27.5	1
132	10	456	37.4595	88.0903	-415.2	MCL	7.33	0.52	0.49	0.0	0.0	15.026	1093.	36.	10.	760.7	27.5	1
133	10	496	37.4595	88.0909	-416.5	MCL	4.96	0.01	1.00	0.0	0.0	4.964	1148.	46.	10.	761.8	27.5	1
134	10	516	37.4595	88.0917	-416.7	MCL	5.48	0.66	1.00	0.0	0.0	5.455	1201.	37.	12.	762.3	27.5	1
135	10	528	37.4595	88.0923	-417.0	MCL	4.25	1.66	1.02	0.0	0.0	4.181	1293.	30.	15.	761.2	27.4	1
136	10	512	37.4595	88.0930	-417.7	MCL	6.69	1.04	0.92	0.0	0.0	7.286	1242.	42.	10.	761.2	27.5	1
137	10	540	37.4595	88.0938	-418.7	MCL	6.74	-1.11	1.20	0.0	0.0	5.601	1425.	33.	12.	762.8	27.4	1
138	10	552	37.4595	88.0944	-419.0	MCL	5.00	1.03	1.48	0.0	0.0	3.371	1498.	41.	10.	763.8	27.4	1
139	10	556	37.4595	88.0952	-419.0	MCL	6.05	1.05	1.25	0.0	0.0	4.830	1502.	46.	10.	763.8	27.4	1
140	0	548	37.4595	88.0957	-419.5	MCL	4.33	3.83	0.95	0.885	4.031	4.557	1499.	46.	8.	764.3	27.4	1
141	0	524	37.4595	88.0965	-420.2	MCL	6.92	2.03	0.93	0.294	2.180	7.426	1574.	38.	9.	765.4	27.4	1
142	0	496	37.4595	88.0971	-420.2	MCL	9.42	3.18	1.19	0.338	2.672	7.914	1601.	32.	5.	765.4	27.5	1
143	0	476	37.4595	88.0979	-421.0	MCL	7.26	2.04	1.39	0.281	1.467	5.227	1553.	58.	5.	765.4	27.5	1
144	0	452	37.4595	88.0985	-420.7	MCL	6.45	3.42	1.34	0.529	2.551	4.820	1563.	34.	3.	765.9	27.5	1
145	0	428	37.45[illegible]	88.0992	-420.2	MCL	9.06	2.04	1.06	0.225	1.920	8.530	1630.	31.	7.	765.9	27.6	1
146	0	412	37.[illegible]	88.0999	-422.0	MCL	8.40	2.45	1.27	0.291	1.933	6.636	1585.	36.	5.	765.9	27.8	1
147	0	396	37.[illegible]96	88.1006	-422.2	MCL	6.65	3.64	1.15	0.547	3.169	5.797	1636.	36.	4.	768.0	28.3	1
148	0	392	37.4596	88.1013	-423.2	MCL	7.63	1.76	1.29	0.231	1.363	5.905	1575.	47.	7.	768.0	28.3	1
149	0	384	37.4596	88.1020	-423.5	MCL	5.59	1.96	1.44	0.351	1.367	3.889	1558.	50.	11.	767.4	28.1	1
150	10	376	37.4596	88.1027	-424.5	MCL	8.22	1.38	0.98	0.0	0.0	8.374	1431.	43.	9.	767.4	28.1	1
151	0	396	37.4596	88.1033	-424.2	MCL	5.77	2.27	0.84	0.393	2.695	6.849	1273.	33.	8.	766.9	28.0	1
152	10	432	37.4596	88.1040	-425.2	MM	3.46	0.50	0.76	0.0	0.0	4.542	1188.	33.	15.	766.9	27.8	1
153	10	468	37.4596	88.1047	-426.0	MM	4.39	1.16	0.85	0.0	0.0	5.145	1258.	46.	14.	768.0	27.8	1
154	0	476	37.4596	88.1054	-425.2	MM	4.77	1.99	0.93	0.418	2.137	5.110	1245.	35.	11.	767.4	27.8	1
155	10	432	37.4596	88.1061	-425.7	MM	5.72	1.15	0.86	0.0	0.0	6.625	1157.	42.	8.	766.4	27.7	1
156	0	388	37.4597	88.1068	-426.5	MM	3.82	2.15	0.79	0.561	2.711	4.830	1157.	34.	7.	766.4	27.7	1
157	0	360	37.4597	88.1074	-427.5	MM	4.71	3.54	0.69	0.752	5.165	6.867	1348.	22.	7.	766.4	27.7	1
158	0	360	37.4597	88.1082	-428.5	MM	6.56	2.6[illegible]	0.98	0.404	2.712	6.707	1430.	36.	5.	766.4	27.7	1
159	0	380	37.4597	88.1088	-429.2	MM	8.56	2.46	1.00	0.288	2.455	8.537	1562.	26.	4.	766.9	27.7	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
160	0	372	37.4597	88.1095	-429.5	MM	7.38	3.64	0.92	0.494	3.960	8.023	1556.	49.	1.	766.9	27.6	1
161	0	368	37.4597	88.1102	-430.5	MM	7.38	3.19	1.07	0.433	2.987	6.904	1540.	39.	6.	765.9	27.6	1
162	0	332	37.4597	88.1109	-431.7	MM	6.41	2.47	0.82	0.385	2.997	7.778	1401.	35.	5.	766.4	27.7	1
163	0	352	37.4597	88.1115	-432.2	MM	6.53	1.97	0.91	0.302	2.166	7.175	1393.	44.	2.	767.4	27.6	1
164	0	360	37.4597	88.1122	-433.2	MM	6.25	4.52	0.61	0.722	7.426	10.280	1452.	30.	5.	766.4	27.6	1
165	0	372	37.4597	88.1129	-434.0	MM	6.78	1.48	0.82	0.219	1.806	8.263	1402.	29.	5.	765.4	27.6	1
166	0	384	37.4596	88.1136	-433.2	MM	7.53	1.91	0.94	0.254	2.026	7.986	1337.	32.	4.	766.4	27.6	1
167	0	400	37.4596	88.1143	-435.0	MM	6.68	1.60	0.99	0.240	1.620	6.744	1316.	37.	3.	766.4	27.6	1
168	0	388	37.4596	88.1150	-435.2	MM	5.58	2.38	0.84	0.426	2.813	6.608	1299.	40.	2.	766.4	27.5	1
169	0	380	37.4597	88.1156	-436.5	MM	6.87	2.76	0.56	0.402	4.926	12.269	1179.	33.	0.	765.4	27.5	1
170	0	412	37.4597	88.1163	-437.0	MM	4.58	2.23	0.70	0.487	3.163	6.495	1207.	44.	1.	765.9	27.4	1
171	0	468	37.4596	88.1170	-436.5	MM	5.13	2.78	1.06	0.541	2.613	4.827	1423.	32.	1.	766.9	27.3	1
172	0	472	37.4596	88.1177	-438.0	MM	7.25	2.15	0.87	0.296	2.481	8.371	1378.	36.	0.	765.9	27.4	1
173	0	464	37.4596	88.1184	-438.0	MM	6.30	4.11	0.85	0.653	4.832	7.404	1477.	38.	0.	765.9	27.6	1
174	0	484	37.4596	88.1191	-439.0	MM	6.23	3.40	1.04	0.546	3.265	5.979	1576.	34.	1.	766.9	27.5	1
175	0	484	37.4595	88.1197	-440.0	MM	6.04	3.72	0.82	0.616	4.522	7.341	1541.	39.	5.	766.9	27.4	1
176	0	492	37.4595	88.1204	-439.2	MM	7.44	3.74	1.10	0.503	3.388	6.737	1654.	48.	4.	766.4	27.4	1
177	0	456	37.4596	88.1211	-440.0	MM	8.84	2.53	0.99	0.286	2.558	8.947	1553.	26.	5.	766.4	27.3	1
178	0	456	37.4596	88.1218	-442.0	MM	5.01	4.01	1.32	0.801	3.028	3.783	1529.	42.	8.	766.4	27.3	1
179	0	492	37.4596	88.1225	-441.2	MM	7.50	2.33	1.43	0.310	1.629	5.252	1623.	50.	7.	766.4	27.2	1
180	0	512	37.4595	88.1232	-441.5	MM	6.59	2.63	1.21	0.399	2.176	5.449	1616.	24.	10.	767.4	27.3	1
181	0	496	37.4595	88.1238	-442.2	MM	7.74	3.47	1.36	0.448	2.553	5.702	1657.	30.	8.	767.4	27.3	1
182	0	504	37.4595	88.1246	-443.2	MM	6.59	3.37	1.45	0.511	2.320	4.540	1723.	40.	9.	767.4	27.3	1
183	0	504	37.4595	88.1252	-445.2	QAL	7.37	2.40	1.15	0.326	2.090	6.405	1701.	39.	10.	767.4	27.4	1
184	0	504	37.4595	88.1260	-445.2	QAL	7.30	3.39	1.27	0.465	2.675	5.756	1802.	40.	8.	767.4	27.5	1
185	0	504	37.4595	88.1266	-445.5	QAL	7.62	1.95	1.57	0.256	1.245	4.871	1853.	24.	11.	767.4	27.5	1
186	0	496	37.4595	88.1273	-447.5	QAL	8.56	2.87	1.41	0.336	2.038	6.072	1860.	41.	11.	768.5	27.6	1
187	0	492	37.4595	88.1280	-448.2	QAL	8.61	2.72	1.31	0.316	2.071	6.560	1839.	45.	11.	768.5	27.6	1
188	0	488	37.4595	88.1287	-449.0	QAL	7.63	2.92	1.78	0.383	1.643	4.295	1887.	41.	7.	768.5	27.6	1
189	0	484	37.4595	88.1293	-449.7	QAL	9.83	2.15	1.47	0.219	1.469	6.708	1889.	40.	7.	767.4	27.7	1
190	0	484	37.4595	88.1300	-449.7	QAL	8.61	3.93	1.64	0.457	2.392	5.234	1904.	44.	4.	767.4	27.7	1
191	0	480	37.4595	88.1307	-448.7	QAL	7.50	3.33	1.61	0.444	2.071	4.663	1859.	41.	4.	767.4	27.7	1
192	0	480	37.4595	88.1313	-450.0	QAL	7.33	4.24	1.67	0.577	2.536	4.392	1976.	26.	0.	768.0	27.7	1
193	0	480	37.4594	88.1321	-451.7	QAL	7.22	4.64	1.32	0.642	3.512	5.472	1901.	37.	0.	768.0	27.6	1
194	0	480	37.4594	88.1327	-451.2	QAL	7.95	3.03	1.39	0.381	2.172	5.704	1867.	39.	0.	768.0	27.7	1
195	0	480	37.4594	88.1334	-450.5	QAL	6.02	3.97	1.36	0.660	2.915	4.416	1678.	32.	0.	768.0	27.8	1
196	0	484	37.4594	88.1341	-451.2	QAL	6.79	4.21	1.18	0.621	3.568	5.748	1853.	46.	0.	768.0	27.8	1
197	0	480	37.4594	88.1348	-454.2	QAL	7.40	5.49	1.08	0.742	5.076	6.845	1830.	32.	0.	766.9	27.8	1
198	0	476	37.4594	88.1355	-454.5	QAL	8.72	3.83	1.40	0.439	2.726	6.211	1843.	35.	2.	766.4	27.8	1
199	0	468	37.4594	88.1362	-454.7	QAL	6.35	3.39	1.48	0.535	2.297	4.294	1759.	56.	3.	767.4	27.8	1
200	0	464	37.4594	88.1368	-455.5	QAL	6.32	3.68	1.22	0.582	3.004	5.163	1778.	39.	7.	768.0	27.8	1
201	0	456	37.4594	88.1375	-456.5	QAL	8.96	3.05	1.51	0.340	2.013	5.912	1779.	42.	7.	766.9	27.8	1
202	0	448	37.4594	88.1382	-456.0	QAL	9.09	2.29	1.55	0.251	1.473	5.858	1784.	44.	9.	766.9	27.8	1
203	0	448	37.4594	88.1389	-457.0	QAL	6.65	2.10	1.47	0.316	1.427	4.516	1821.	36.	9.	766.9	27.8	1
204	0	444	37.4594	88.1396	-458.0	QAL	6.82	2.90	1.45	0.426	2.005	4.713	1854.	29.	8.	766.9	27.8	1
205	0	444	37.4594	88.1403	-457.7	QAL	7.31	3.15	1.46	0.430	2.152	5.002	1866.	34.	10.	767.4	27.9	1
206	0	424	37.4594	88.1409	-459.5	QAL	6.91	2.69	1.46	0.389	1.840	4.735	1726.	45.	8.	768.5	27.9	1
207	0	372	37.4593	88.1416	-459.5	QAL	8.19	2.42	1.21	0.295	1.999	6.772	1713.	39.	7.	768.0	27.9	1
208	10	408	37.4593	88.1423	-460.2	QAL	8.42	1.49	1.62	0.0	0.0	5.191	1778.	36.	9.	768.0	27.9	1
209	0	436	37.4593	88.1430	-461.2	QAL	6.93	2.41	1.42	0.348	1.701	4.894	1782.	43.	8.	769.0	27.9	1
210	0	436	37.4593	88.1437	-461.7	QAL	7.58	2.10	1.40	0.277	1.507	5.430	1774.	43.	8.	769.5	27.9	1
211	0	436	37.4593	88.1444	-462.2	QAL	8.91	3.21	1.27	0.361	2.528	7.011	1846.	42.	6.	768.5	27.8	1
212	0	436	37.4593	88.1450	-463.5	QAL	9.44	2.02	1.51	0.214	1.335	6.245	1874.	43.	7.	768.5	27.9	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
213	0	436	37.4593	88.1457	-464.5	QAL	13.01	2.22	1.37	0.171	1.627	9.519	1874.	36.	6.	770.5	27.9	1
214	0	436	37.4593	88.1464	-464.7	QAL	7.70	3.90	1.31	0.506	2.963	5.852	1814.	40.	5.	770.5	27.9	1
215	10	436	37.4593	88.1471	-465.5	QAL	9.63	1.38	1.46	0.0	0.0	6.589	1757.	47.	3.	770.5	27.9	1
216	0	436	37.4592	88.1478	-466.2	QAL	9.52	4.36	1.47	0.459	2.965	6.465	1824.	35.	0.	770.5	27.9	1
217	0	440	37.4592	88.1484	-467.5	QAL	7.88	3.20	1.57	0.406	2.043	5.032	1821.	33.	0.	770.5	27.9	1
218	0	440	37.4592	88.1491	-468.0	QAL	5.02	3.24	1.72	0.645	1.886	2.924	1742.	32.	2.	769.5	27.9	1
219	0	440	37.4592	88.1498	-467.7	QAL	8.29	3.39	1.60	0.409	2.121	5.184	1763.	34.	0.	769.5	27.9	1
220	0	440	37.4592	88.1505	-469.0	QAL	7.52	3.15	1.40	0.418	2.253	5.385	1730.	40.	0.	769.5	27.9	1
221	0	440	37.4592	88.1512	-470.0	QAL	7.53	3.61	1.42	0.480	2.538	5.289	1699.	37.	4.	769.5	27.9	1
222	0	440	37.4592	88.1519	-469.2	QAL	5.60	2.92	1.12	0.522	2.603	4.986	1579.	42.	2.	768.5	27.9	1
223	0	440	37.4592	88.1525	-471.2	QAL	7.41	1.80	1.15	0.243	1.565	6.438	1650.	41.	5.	769.5	27.9	1
224	0	440	37.4592	88.1532	-473.7	QAL	5.36	2.88	1.28	0.538	2.256	4.197	1688.	31.	8.	769.5	27.9	1
225	0	440	37.4592	88.1539	-472.7	QAL	5.40	3.84	1.05	0.712	3.642	5.119	1565.	39.	7.	768.5	27.9	1
226	0	436	37.4592	88.1546	-473.2	QAL	7.96	2.69	1.30	0.338	2.062	6.099	1709.	30.	5.	767.4	27.9	1
227	0	436	37.4592	88.1552	-474.7	QAL	7.23	2.73	1.07	0.378	2.562	6.774	1664.	36.	7.	767.4	27.9	1
228	0	432	37.4592	88.1560	-475.0	QAL	6.85	2.92	1.13	0.426	2.578	6.051	1593.	49.	5.	767.4	28.0	1
229	10	428	37.4592	88.1566	-475.0	QAL	5.72	0.77	1.31	0.0	0.0	4.355	1515.	43.	10.	768.0	28.1	1
230	0	428	37.4591	88.1573	-474.5	QAL	4.89	1.91	1.35	0.391	1.419	3.625	1592.	29.	8.	767.4	28.1	1
231	0	432	37.4591	88.1580	-475.2	QAL	7.94	1.88	1.52	0.237	1.239	5.236	1600.	52.	4.	767.4	28.2	1
232	10	432	37.4592	88.1587	-477.0	QAL	8.78	1.48	1.17	0.0	0.0	7.490	1534.	51.	1.	767.4	28.2	1
233	0	436	37.4592	88.1593	-477.2	QAL	5.54	2.02	1.50	0.365	1.342	3.681	1587.	46.	1.	768.5	28.2	1
234	0	440	37.4591	88.1600	-477.2	QAL	5.57	4.32	1.31	0.774	3.307	4.269	1601.	39.	2.	768.5	28.2	1
235	0	444	37.4591	88.1607	-476.7	QAL	8.68	2.71	1.09	0.312	2.476	7.936	1507.	26.	0.	768.0	28.2	1
236	0	448	37.4591	88.1614	-477.5	QAL	8.09	3.03	1.06	0.375	2.854	7.617	1565.	25.	0.	768.0	28.2	1
237	0	448	37.4591	88.1621	-479.5	QAL	8.89	2.37	1.03	0.267	2.299	8.606	1441.	33.	0.	768.0	28.2	1
238	0	448	37.4591	88.1628	-480.0	QAL	4.57	3.54	1.12	0.774	3.166	4.092	1540.	33.	0.	768.5	28.1	1
239	10	448	37.4590	88.1634	-480.0	QAL	8.20	0.84	1.11	0.0	0.0	7.373	1430.	27.	2.	769.5	28.1	1
240	0	448	37.4591	88.1642	-480.0	QAL	7.93	3.16	1.16	0.398	2.730	6.856	1395.	38.	0.	769.5	28.1	1
241	10	444	37.4591	88.1648	-480.7	QAL	5.26	1.25	1.25	0.0	0.0	4.219	1460.	35.	3.	768.5	28.0	1
242	10	440	37.4591	88.1656	-481.2	QAL	6.31	0.47	1.13	0.0	0.0	5.608	1334.	43.	9.	769.5	28.0	1
243	10	436	37.4591	88.1662	-483.0	QAL	7.39	0.40	1.28	0.0	0.0	5.771	1444.	42.	9.	770.5	28.0	1
244	10	428	37.4590	88.1668	-483.0	QAL	6.34	1.12	1.40	0.0	0.0	4.523	1555.	28.	5.	769.5	28.0	1
245	0	424	37.4590	88.1675	-483.0	QAL	5.76	2.73	1.04	0.473	2.628	5.553	1470.	41.	3.	769.0	28.0	1
246	0	424	37.4590	88.1682	-482.7	QAL	6.01	3.96	1.13	0.658	3.506	5.325	1511.	40.	1.	770.0	28.0	1
247	0	428	37.4590	88.1689	-483.0	QAL	5.85	3.63	1.29	0.622	2.823	4.541	1547.	30.	0.	770.5	28.1	1
248	0	436	37.4590	88.1696	-485.0	QAL	6.03	2.71	1.24	0.450	2.197	4.878	1519.	29.	2.	770.5	28.2	1
249	0	448	37.4590	88.1703	-487.7	QAL	7.16	2.24	1.27	0.314	1.762	5.619	1523.	27.	2.	770.5	28.3	1
250	0	456	37.4590	88.1709	-485.2	QAL	5.68	3.60	1.07	0.634	3.372	5.321	1401.	35.	1.	769.5	28.3	1
251	0	464	37.4590	88.1717	-486.5	QAL	5.80	1.63	1.17	0.281	1.392	4.957	1159.	46.	0.	768.5	28.4	1
252	10	468	37.4590	88.1723	-487.5	QAL	5.81	0.62	0.95	0.0	0.0	6.129	1085.	42.	5.	769.5	28.4	1
253	0	476	37.4589	88.1730	-489.0	QAL	4.15	1.58	0.70	0.380	2.245	5.908	924.	38.	0.	769.5	28.4	1
254	10	472	37.4590	88.1737	-490.0	(WATER)	3.39	1.42	0.42	0.0	0.0	8.038	726.	39.	7.	768.5	28.3	1
255	10	464	37.4590	88.1744	-490.0	(WATER)	2.31	0.92	0.28	0.0	0.0	8.247	607.	29.	9.	768.5	28.2	1
256	110	456	37.4590	88.1751	-490.2	(WATER)	1.17	0.40	0.27	0.0	0.0	0.0	417.	43.	12.	768.5	28.0	1
257	111	456	37.4589	88.1758	-491.2	(WATER)	0.40	0.76	0.15	0.0	0.0	0.0	332.	34.	11.	768.5	28.2	1
258	111	456	37.4589	88.1764	-491.5	(WATER)	0.82	0.19	0.15	0.0	0.0	0.0	315.	42.	8.	768.5	28.2	1
259	111	456	37.4589	88.1772	-491.5	(WATER)	0.18	-0.39	0.12	0.0	0.0	0.0	232.	34.	10.	768.0	28.2	1
260	111	456	37.4589	88.1778	-492.5	(WATER)	-0.07	0.29	0.10	0.0	0.0	0.0	130.	47.	5.	768.0	28.1	1
261	111	456	37.4589	88.1785	-493.2	(WATER)	-0.09	0.55	0.01	0.0	0.0	0.0	110.	45.	6.	769.0	28.1	1
262	101	456	37.4589	88.1792	-494.5	(WATER)	-0.16	1.89	-0.15	0.0	0.0	0.0	121.	35.	1.	768.0	28.1	1
263	111	456	37.4589	88.1799	-493.5	(WATER)	0.55	-0.04	-0.04	0.0	0.0	0.0	111.	41.	3.	766.9	28.1	1
264	111	456	37.4589	88.1805	-493.7	(WATER)	-0.06	0.44	-0.01	0.0	0.0	0.0	103.	44.	3.	768.0	28.1	1
265	111	452	37.4589	88.1812	-494.5	(WATER)	-0.08	0.56	0.09	0.0	0.0	0.0	82.	37.	4.	769.0	28.1	1

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
266	111	448	37.4588	88.1819	-495.7	(WATER)	0.39	-0.90	0.08	0.0	0.0	0.0	77.	29.	4.	768.0	28.1	1
267	111	448	37.4588	88.1826	-496.7	(WATER)	0.01	-0.84	0.01	0.0	0.0	0.0	55.	36.	7.	769.0	28.1	1
268	111	444	37.4588	88.1833	-496.0	(WATER)	0.05	0.23	-0.02	0.0	0.0	0.0	108.	27.	3.	769.5	28.1	1
269	110	444	37.4588	88.1840	-496.0	(WATER)	0.07	-0.45	0.14	0.0	0.0	0.0	120.	34.	5.	768.5	28.1	1
270	111	444	37.4588	88.1846	-497.5	(WATER)	-0.05	0.17	-0.04	0.0	0.0	0.0	83.	38.	4.	768.5	28.1	1
271	111	440	37.4588	88.1853	-498.5	(WATER)	0.44	0.27	0.02	0.0	0.0	0.0	38.	44.	2.	768.5	28.1	1
272	111	440	37.4588	88.1860	-499.0	(WATER)	0.38	0.11	-0.02	0.0	0.0	0.0	35.	47.	0.	768.0	28.1	1
273	101	440	37.4588	88.1867	-499.5	(WATER)	-0.09	1.12	-0.02	0.0	0.0	0.0	113.	37.	0.	768.0	28.1	1
274	111	440	37.4588	88.1874	-500.7	(WATER)	0.24	0.62	-0.06	0.0	0.0	0.0	100.	38.	0.	768.0	28.1	1
275	111	444	37.4588	88.1880	-500.5	(WATER)	0.51	0.33	-0.02	0.0	0.0	0.0	85.	34.	0.	767.4	28.1	1
276	1	444	37.4588	88.1887	-501.7	(WATER)	1.05	0.93	-0.06	0.883	0.0	0.0	130.	22.	0.	767.4	28.1	1
277	111	448	37.4588	88.1894	-501.5	(WATER)	-0.03	0.34	0.04	0.0	0.0	0.0	84.	35.	0.	767.4	28.1	1
278	111	452	37.4588	88.1901	-501.5	(WATER)	1.05	0.59	0.03	0.0	0.0	0.0	118.	37.	0.	767.4	28.1	1
279	111	452	37.4588	88.1908	-503.0	(WATER)	0.34	0.39	0.07	0.0	0.0	0.0	142.	29.	1.	767.4	28.1	1
280	111	456	37.4587	88.1915	-502.2	(WATER)	-0.03	0.42	0.07	0.0	0.0	0.0	114.	36.	0.	767.4	28.1	1
281	111	460	37.4587	88.1921	-503.7	(WATER)	-0.03	0.75	-0.09	0.0	0.0	0.0	73.	43.	3.	767.4	28.1	1
282	101	460	37.4587	88.1929	-504.5	(WATER)	-0.12	1.44	0.01	0.0	0.0	0.0	146.	34.	1.	766.9	28.2	1
283	111	460	37.4587	88.1935	-505.7	(WATER)	0.44	-0.32	0.10	0.0	0.0	0.0	140.	45.	4.	766.9	28.1	1
284	111	460	37.4587	88.1942	-505.2	(WATER)	0.85	-0.11	0.07	0.0	0.0	0.0	111.	35.	3.	766.9	28.1	1
285	111	460	37.4587	88.1949	-505.2	(WATER)	0.22	0.02	0.11	0.0	0.0	0.0	109.	36.	0.	766.9	28.1	1
286	111	460	37.4587	88.1956	-506.7	(WATER)	-0.05	0.02	0.02	0.0	0.0	0.0	113.	40.	6.	767.4	28.1	1
287	111	464	37.4587	88.1962	-507.5	(WATER)	-0.09	0.43	-0.09	0.0	0.0	0.0	124.	46.	6.	767.4	28.1	1
288	111	464	37.4587	88.1969	-507.2	(WATER)	-0.07	0.63	-0.07	0.0	0.0	0.0	65.	52.	2.	766.4	28.1	1
289	111	468	37.4587	88.1976	-507.7	(WATER)	0.00	-0.45	0.08	0.0	0.0	0.0	161.	39.	3.	767.4	28.1	1
290	111	468	37.4587	88.1983	-508.7	(WATER)	0.87	-0.09	0.09	0.0	0.0	0.0	174.	27.	3.	767.4	28.1	1
291	101	468	37.4587	88.1990	-508.2	(WATER)	-0.05	1.30	-0.10	0.0	0.0	0.0	94.	36.	1.	766.4	28.1	1
292	111	472	37.4587	88.1997	-508.2	(WATER)	-0.00	-0.57	-0.00	0.0	0.0	0.0	91.	43.	5.	767.4	28.1	1
293	111	472	37.4587	88.2003	-508.5	(WATER)	0.29	-0.09	0.00	0.0	0.0	0.0	85.	45.	2.	767.4	28.0	1
294	111	476	37.4586	88.2010	-509.7	(WATER)	0.07	-0.11	0.04	0.0	0.0	0.0	153.	27.	3.	767.4	28.1	1
295	111	472	37.4586	88.2017	-509.7	(WATER)	-0.02	0.78	-0.05	0.0	0.0	0.0	135.	33.	7.	767.4	28.1	1
296	111	472	37.4586	88.2024	-510.2	(WATER)	0.07	0.81	-0.03	0.0	0.0	0.0	106.	37.	5.	767.4	28.1	1
297	11	468	37.4586	88.2030	-511.0	(WATER)	1.36	0.02	0.03	0.0	0.0	0.0	169.	34.	4.	768.0	28.1	1
298	111	464	37.4586	88.2037	-511.7	(WATER)	0.26	-0.36	0.09	0.0	0.0	0.0	143.	32.	6.	769.0	28.1	1
299	111	460	37.4586	88.2044	-511.2	(WATER)	-0.04	-0.57	-0.05	0.0	0.0	0.0	110.	44.	10.	768.5	28.0	1
300	111	460	37.4586	88.2051	-511.5	(WATER)	0.36	-0.72	-0.03	0.0	0.0	0.0	111.	28.	9.	767.4	28.0	1
301	111	456	37.4586	88.2058	-512.7	(WATER)	-0.06	-0.47	0.03	0.0	0.0	0.0	99.	38.	11.	768.5	28.0	1
302	111	460	37.4586	88.2064	-513.5	(WATER)	-0.00	-1.68	0.01	0.0	0.0	0.0	145.	32.	15.	768.5	28.0	1
303	111	460	37.4585	88.2072	-513.2	(WATER)	-0.01	-1.10	0.03	0.0	0.0	0.0	84.	40.	10.	768.0	28.0	1
304	111	460	37.4585	88.2078	-512.7	(WATER)	-0.03	-0.83	-0.03	0.0	0.0	0.0	67.	46.	11.	769.0	28.0	1
305	111	464	37.4585	88.2085	-513.2	(WATER)	-0.10	0.47	-0.09	0.0	0.0	0.0	111.	37.	6.	769.0	28.0	1
306	111	468	37.4585	88.2092	-514.5	(WATER)	-0.09	0.36	-0.06	0.0	0.0	0.0	109.	34.	7.	769.0	28.0	1
307	111	472	37.4585	88.2099	-514.5	(WATER)	0.15	0.67	-0.02	0.0	0.0	0.0	146.	27.	5.	769.5	28.0	1
308	11	472	37.4585	88.2105	-515.2	(WATER)	1.49	0.08	0.02	0.0	0.0	0.0	148.	28.	2.	769.5	28.0	1
309	111	476	37.4585	88.2113	-515.7	(WATER)	-0.01	0.11	0.06	0.0	0.0	0.0	61.	52.	0.	769.5	28.0	1
310	111	476	37.4585	88.2119	-515.0	(WATER)	0.72	0.89	0.03	0.0	0.0	0.0	157.	25.	1.	770.5	28.0	1
311	101	472	37.4585	88.2127	-516.0	(WATER)	0.35	1.17	-0.11	0.0	0.0	0.0	108.	39.	1.	769.5	28.0	1
312	111	472	37.4585	88.2133	-516.7	(WATER)	0.64	0.18	0.01	0.0	0.0	0.0	100.	37.	1.	769.5	28.0	1
313	101	472	37.4585	88.2141	-516.7	(WATER)	0.44	1.85	-0.08	0.0	0.0	0.0	106.	41.	1.	769.5	28.0	1
314	111	472	37.4585	88.2146	-518.0	(WATER)	-0.06	0.75	-0.01	0.0	0.0	0.0	129.	33.	0.	768.0	28.0	1
315	111	472	37.4585	88.2154	-517.2	(WATER)	0.36	-0.39	0.07	0.0	0.0	0.0	128.	35.	5.	767.4	28.0	1
316	110	472	37.4584	88.2161	-518.0	(WATER)	0.37	-0.22	0.15	0.0	0.0	0.0	156.	34.	6.	767.4	28.0	1
317	111	468	37.4584	88.2168	-517.5	(WATER)	-0.00	0.66	0.02	0.0	0.0	0.0	156.	40.	6.	767.4	28.0	1
318	111	464	37.4584	88.2174	-518.7	(WATER)	-0.05	0.01	0.03	0.0	0.0	0.0	146.	35.	5.	767.4	28.0	1

CP9 1P12

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
319	111	464	37.4584	88.2182	-519.2	(WATER)	0.07	0.11	0.02	0.0	0.0	0.0	148.	39.	5.	767.4	28.0	1
320	101	460	37.4584	88.2188	-519.2	(WATER)	-0.14	1.69	-0.04	0.0	0.0	0.0	210.	32.	2.	767.4	28.0	1
321	111	460	37.4584	88.2195	-520.7	(WATER)	-0.11	0.84	0.04	0.0	0.0	0.0	208.	33.	5.	767.4	28.0	1
322	11	460	37.4584	88.2202	-520.5	(WATER)	1.77	-0.26	0.15	0.0	0.0	0.0	207.	43.	7.	767.4	28.1	1
323	110	460	37.4584	88.2209	-520.2	(WATER)	1.02	-0.03	0.19	0.0	0.0	0.0	290.	32.	7.	768.5	28.1	1
324	111	464	37.4584	88.2215	-522.0	(WATER)	0.21	-0.24	0.14	0.0	0.0	0.0	246.	48.	6.	769.5	28.1	1
325	111	464	37.4584	88.2222	-523.0	(WATER)	0.63	-0.25	0.10	0.0	0.0	0.0	280.	38.	7.	769.5	28.0	1
326	110	468	37.4584	88.2229	-522.2	(WATER)	0.81	0.99	0.19	0.0	0.0	0.0	444.	32.	8.	769.5	28.0	1
327	101	472	37.4584	88.2236	-521.7	(WATER)	0.41	1.41	0.16	0.0	0.0	0.0	454.	35.	9.	769.5	28.0	1
328	1	476	37.4584	88.2243	-521.7	(WATER)	1.81	1.35	0.17	0.743	0.0	0.0	517.	45.	6.	769.5	28.0	1
329	10	472	37.4584	88.2250	-522.7	(WATER)	1.39	1.07	0.30	0.0	0.0	4.602	481.	41.	9.	770.0	28.0	1
330	100	472	37.4584	88.2257	-523.2	(WATER)	1.25	1.99	0.29	0.0	6.908	0.0	540.	39.	5.	769.0	28.0	1
331	10	472	37.4584	88.2265	-523.7	(WATER)	2.47	1.07	0.35	0.0	0.0	7.168	554.	43.	10.	768.0	28.0	1
332	10	472	37.4584	88.2272	-524.0	(WATER)	1.78	0.60	0.40	0.0	0.0	4.415	595.	34.	8.	769.0	28.0	1
333	10	468	37.4584	88.2279	-525.0	(WATER)	1.65	-0.17	0.35	0.0	0.0	4.737	518.	41.	11.	769.0	27.9	1
334	10	468	37.4584	88.2286	-524.0	(WATER)	4.55	-0.76	0.43	0.0	0.0	10.574	592.	44.	4.	767.4	27.9	1
335	0	464	37.4584	88.2294	-523.7	(WATER)	2.01	2.02	0.28	1.004	7.135	7.106	564.	39.	7.	767.4	27.9	1
336	10	464	37.4585	88.2301	-524.5	(WATER)	1.70	-0.66	0.58	0.0	0.0	2.956	589.	40.	8.	767.4	27.9	1
337	10	464	37.4585	88.2308	-525.5	(WATER)	2.46	-0.03	0.47	0.0	0.0	5.253	558.	39.	10.	766.4	27.9	1
338	10	468	37.4585	88.2315	-526.0	(WATER)	1.66	-0.03	0.66	0.0	0.0	2.500	612.	40.	9.	767.4	27.9	1
339	10	468	37.4585	88.2322	-527.5	(WATER)	2.67	1.29	0.47	0.0	0.0	5.725	729.	34.	8.	767.4	27.9	1
340	10	468	37.4585	88.2329	-527.5	(WATER)	2.58	0.44	0.53	0.0	0.0	4.890	753.	40.	10.	767.4	27.9	1
341	10	468	37.4585	88.2336	-528.7	(WATER)	2.31	0.26	0.78	0.0	0.0	2.960	725.	39.	8.	767.4	27.9	1
342	10	464	37.4585	88.2343	-528.5	(WATER)	2.66	0.86	0.57	0.0	0.0	4.666	851.	35.	12.	767.4	27.9	1
343	10	460	37.4585	88.2350	-528.5	(WATER)	3.39	-0.06	0.81	0.0	0.0	4.180	760.	39.	12.	767.4	27.9	1
344	0	452	37.4585	88.2358	-528.2	(WATER)	3.18	2.88	0.49	0.908	5.900	6.497	823.	38.	7.	767.4	27.9	1
345	0	428	37.4585	88.2365	-530.2	(WATER)	2.80	1.56	0.66	0.555	2.351	4.232	843.	26.	8.	767.4	27.8	1
346	0	404	37.4585	88.2372	-530.5	(WATER)	3.02	1.28	0.56	0.422	2.297	5.441	823.	39.	6.	768.5	27.9	1
347	10	408	37.4585	88.2379	-530.2	(WATER)	2.98	0.61	0.70	0.0	0.0	4.257	833.	33.	7.	768.5	27.9	1
348	10	372	37.4585	88.2386	-532.0	(WATER)	3.10	0.86	0.64	0.0	0.0	4.840	788.	35.	6.	768.5	27.8	1
349	0	320	37.4585	88.2394	-530.0	(WATER)	3.08	2.21	0.45	0.717	4.873	6.793	758.	36.	4.	768.5	27.8	1
350	10	332	37.4585	88.2401	-530.2	(WATER)	2.72	0.97	0.47	0.0	0.0	5.723	726.	43.	7.	768.5	27.8	1
351	0	332	37.4585	88.2408	-531.2	(WATER)	2.58	1.79	0.42	0.694	4.234	6.102	691.	41.	3.	768.5	27.8	1
352	0	328	37.4585	88.2415	-530.5	(WATER)	3.22	2.52	0.35	0.784	7.133	9.098	737.	37.	3.	768.5	27.9	1
353	0	348	37.4585	88.2422	-531.2	(WATER)	2.03	2.17	0.35	1.070	6.134	5.734	705.	45.	4.	768.5	27.9	1
354	0	380	37.4585	88.2429	-535.7	(WATER)	2.90	1.43	0.61	0.492	2.358	4.793	783.	46.	3.	769.5	27.9	1
355	0	400	37.4585	88.2436	-533.5	(WATER)	2.51	2.08	0.46	0.830	4.559	5.494	789.	53.	4.	769.5	27.9	1
356	0	400	37.4586	88.2443	-535.0	(WATER)	3.13	1.45	0.61	0.464	2.357	5.084	782.	47.	2.	768.5	27.9	1
357	0	404	37.4586	88.2451	-535.5	(WATER)	3.83	1.37	0.67	0.358	2.031	5.678	807.	35.	5.	768.5	27.9	1
358	10	408	37.4586	88.2458	-535.7	(WATER)	4.57	0.33	0.51	0.0	0.0	8.917	774.	38.	8.	768.5	27.9	1
359	0	420	37.4586	88.2465	-537.0	(WATER)	2.83	1.44	0.59	0.509	2.438	4.794	874.	31.	6.	768.5	27.9	1
360	10	456	37.4586	88.2472	-537.0	(WATER)	4.38	0.88	0.92	0.0	0.0	4.790	995.	28.	9.	769.5	27.9	1
361	10	464	37.4586	88.2479	-536.7	(WATER)	2.56	0.94	0.44	0.0	0.0	5.825	941.	38.	12.	769.5	27.9	1
362	10	464	37.4586	88.2486	-538.0	(WATER)	5.44	-0.02	0.84	0.0	0.0	6.466	1060.	30.	12.	769.5	27.9	1
363	10	460	37.4586	88.2494	-539.5	(WATER)	5.47	1.29	0.97	0.0	0.0	5.650	1063.	36.	9.	769.0	27.9	1
364	10	460	37.4586	88.2501	-539.5	QAL	4.41	1.29	0.84	0.0	0.0	5.264	1026.	39.	12.	768.0	27.9	1
365	0	460	37.4586	88.2508	-538.5	QAL	4.89	1.60	0.77	0.326	2.082	6.381	1076.	48.	6.	768.0	27.9	1
366	0	460	37.4586	88.2515	-539.7	QAL	4.32	3.04	0.81	0.704	3.772	5.357	1128.	40.	4.	768.0	27.9	1
367	0	460	37.4586	88.2522	-540.0	QAL	3.97	1.63	0.87	0.411	1.880	4.572	1141.	39.	4.	765.9	27.9	1
368	0	460	37.4586	88.2529	-540.5	QAL	4.43	2.32	0.78	0.523	2.961	5.660	1066.	40.	0.	765.9	27.9	1
369	0	464	37.4587	88.2536	-540.7	QAL	3.00	4.44	0.86	1.479	5.134	3.471	1294.	40.	0.	766.9	27.9	1
370	0	448	37.4587	88.2544	-541.0	QAL	5.59	2.08	0.99	0.372	2.103	5.654	1241.	28.	0.	767.4	27.9	1
371	0	412	37.4587	88.2551	-541.5	QAL	6.43	2.12	0.90	0.330	2.357	7.132	1152.	33.	0.	768.5	27.9	1

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
372	10	408	37.4587	88.2558	-542.7	QAL	5.72	0.54	1.14	0.0	0.0	5.008	1119.	42.	0.	768.5	27.9	1
373	0	436	37.4587	88.2565	-543.5	QAL	5.44	1.67	1.12	0.306	1.488	4.856	1283.	30.	0.	767.4	27.9	1
374	0	452	37.4587	88.2572	-544.5	QAL	6.18	3.18	1.11	0.514	2.874	5.589	1419.	34.	0.	768.5	27.9	1
375	0	452	37.4587	88.2580	-544.7	QAL	10.72	2.24	1.00	0.209	2.250	10.768	1593.	33.	2.	769.5	27.9	1
376	0	448	37.4587	88.2587	-545.7	QAL	6.83	3.15	1.28	0.462	2.474	5.359	1684.	31.	4.	769.5	27.9	1
377	10	444	37.4587	88.2594	-545.5	QAL	8.01	1.23	1.34	0.0	0.0	5.988	1603.	39.	5.	769.5	27.9	1
378	0	440	37.4587	88.2601	-545.0	QAL	7.12	3.14	1.28	0.442	2.449	5.547	1714.	41.	8.	769.5	27.9	1
379	0	428	37.4587	88.2608	-546.5	QAL	6.38	1.99	1.12	0.313	1.782	5.700	1551.	44.	6.	768.5	27.9	1
380	10	444	37.4587	88.2615	-548.2	QAL	7.65	0.32	1.34	0.0	0.0	5.724	1612.	51.	8.	768.5	27.9	1
381	0	444	37.4587	88.2622	-547.2	QAL	7.03	4.29	0.98	0.611	4.376	7.159	1614.	40.	3.	768.5	27.9	1
382	0	436	37.4587	88.2629	-549.0	QAL	6.16	2.93	1.15	0.476	2.557	5.370	1492.	34.	5.	767.4	27.9	1
383	0	388	37.4587	88.2637	-550.7	QAL	4.29	3.71	1.04	0.864	3.581	4.146	1381.	44.	0.	767.4	27.9	1
384	0	348	37.4587	88.2644	-549.7	QAL	5.25	2.15	1.03	0.409	2.086	5.102	1125.	45.	0.	767.4	27.9	1
385	0	340	37.4587	88.2651	-550.5	MVU	4.56	2.10	0.85	0.461	2.477	5.371	1170.	42.	5.	767.4	27.9	1
386	0	336	37.4587	88.2658	-551.2	MVU	4.75	1.57	0.80	0.330	1.962	5.941	1123.	39.	3.	768.0	27.9	1
387	0	332	37.4588	88.2665	-550.7	MVU	5.28	1.99	0.79	0.376	2.521	6.708	1292.	34.	6.	769.0	27.9	1
388	0	336	37.4588	88.2672	-553.0	MVU	4.87	1.86	1.01	0.383	1.845	4.814	1348.	41.	6.	769.5	27.9	1
389	0	388	37.4588	88.2680	-553.7	MVU	6.43	2.30	0.82	0.357	2.795	7.820	1473.	33.	5.	769.5	27.9	1
390	10	408	37.4588	88.2687	-552.7	MVU	7.43	0.91	1.32	0.0	0.0	5.627	1567.	38.	6.	769.5	27.9	1
391	0	412	37.4588	88.2694	-553.2	MVU	6.15	2.26	1.34	0.367	1.682	4.578	1643.	40.	5.	769.0	27.9	1
392	0	396	37.4588	88.2701	-554.0	MVU	5.46	3.13	1.26	0.573	2.483	4.335	1570.	39.	7.	768.0	28.0	1
393	0	388	37.4588	88.2708	-553.7	MVU	5.13	3.26	1.27	0.636	2.564	4.034	1549.	44.	6.	768.0	28.0	1
394	0	396	37.4588	88.2715	-554.7	MVU	8.68	1.68	1.35	0.194	1.245	6.421	1574.	23.	3.	768.0	28.0	1
395	0	412	37.4588	88.2722	-556.7	MVU	5.85	2.04	1.42	0.349	1.436	4.119	1583.	42.	5.	767.4	27.9	1
396	0	436	37.4588	88.2729	-557.2	MVU	5.01	2.00	1.19	0.399	1.682	4.214	1604.	46.	9.	767.4	28.0	1
397	10	440	37.4588	88.2737	-559.0	MVU	6.79	1.46	1.44	0.0	0.0	4.730	1653.	41.	8.	767.4	27.9	1
398	0	440	37.4588	88.2744	-560.2	MVU	6.39	2.59	1.28	0.406	2.029	4.999	1626.	33.	6.	767.4	28.0	1
399	0	400	37.4588	88.2751	-561.5	MVU	4.96	3.18	1.08	0.640	2.951	4.608	1467.	45.	6.	767.4	27.9	1
400	0	384	37.4588	88.2758	-561.2	QAL	5.22	1.75	1.25	0.335	1.402	4.184	1427.	51.	5.	768.5	27.9	1
401	0	384	37.4588	88.2765	-562.7	QAL	7.54	1.80	0.97	0.239	1.866	7.794	1405.	48.	6.	769.5	27.9	1
402	10	384	37.4588	88.2773	-563.0	QAL	6.43	0.81	1.19	0.0	0.0	5.398	1343.	36.	5.	768.5	27.9	1
403	0	392	37.4588	88.2780	-563.5	QAL	5.85	1.97	1.11	0.338	1.785	5.284	1384.	38.	3.	768.5	27.9	1
404	0	388	37.4588	88.2787	-564.2	QAL	5.72	2.62	1.05	0.458	2.496	5.445	1404.	40.	5.	769.5	27.9	1
405	10	384	37.4588	88.2794	-565.0	QAL	6.32	1.10	0.82	0.0	0.0	7.687	1306.	33.	4.	768.5	27.9	1
406	10	436	37.4588	88.2800	-564.5	QAL	5.27	1.28	1.31	0.0	0.0	4.013	1425.	36.	9.	768.5	27.9	1
407	0	448	37.4589	88.2807	-565.7	QAL	6.28	2.12	1.20	0.337	1.759	5.220	1456.	42.	10.	767.4	27.9	1
408	0	456	37.4589	88.2815	-566.5	QAL	7.28	3.00	1.28	0.411	2.335	5.677	1466.	34.	9.	766.4	27.9	1
409	0	460	37.4589	88.2822	-567.7	QAL	5.90	3.11	0.91	0.527	3.402	6.453	1545.	41.	9.	766.9	27.8	1
410	10	456	37.4589	88.2830	-567.0	QAL	6.34	1.63	1.14	0.0	0.0	5.564	1500.	46.	10.	766.9	27.8	1
411	10	456	37.4589	88.2837	-568.2	QAL	7.13	1.21	1.48	0.0	0.0	4.809	1544.	34.	7.	766.9	27.8	1
412	10	464	37.4589	88.2844	-570.0	QAL	6.87	1.14	1.40	0.0	0.0	4.921	1629.	29.	11.	768.0	27.8	1
413	0	468	37.4589	88.2851	-570.0	QAL	7.36	2.17	1.80	0.295	1.204	4.085	1738.	43.	10.	768.5	27.7	1
414	0	472	37.4589	88.2858	-570.2	MVU	6.78	2.49	1.17	0.367	2.124	5.796	1543.	40.	10.	768.5	27.7	1
415	0	476	37.4589	88.2865	-571.2	MVU	7.22	3.99	1.37	0.552	2.916	5.286	1680.	40.	9.	768.5	27.7	1
416	0	484	37.4589	88.2873	-572.2	MVU	8.45	2.31	1.50	0.273	1.538	5.631	1704.	39.	12.	767.4	27.6	1
417	10	484	37.4589	88.2880	-572.5	MVU	7.43	1.20	1.38	0.0	0.0	5.371	1714.	50.	9.	765.4	27.6	1
418	0	472	37.4590	88.2887	-573.5	MVU	7.48	2.87	1.32	0.383	2.177	5.677	1803.	44.	7.	766.4	27.6	1
419	10	472	37.4590	88.2894	-573.7	MVU	9.26	1.65	0.97	0.0	0.0	9.520	1786.	33.	12.	766.4	27.6	1
420	0	472	37.4590	88.2901	-574.5	MVU	10.20	1.96	1.15	0.192	1.698	8.847	1736.	32.	10.	767.4	27.5	1
421	0	464	37.4590	88.2908	-575.7	MVU	7.12	3.01	1.34	0.422	2.247	5.324	1752.	35.	9.	768.5	27.5	1
422	0	452	37.4590	88.2915	-575.2	MVU	7.33	1.77	1.10	0.242	1.613	6.677	1589.	38.	6.	768.5	27.5	1
423	0	444	37.4590	88.2922	-576.0	MVU	7.31	4.08	1.16	0.558	3.507	6.283	1565.	41.	3.	767.4	27.5	1
424	0	436	37.4590	88.2929	-576.0	MVU	7.38	3.63	0.96	0.493	3.804	7.720	1697.	42.	1.	766.4	27.5	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
425	0	428	37.4590	88.2937	-577.2	MVU	6.83	3.59	1.49	0.526	2.404	4.569	1692.	41.	0.	765.4	27.5	1
426	0	424	37.4590	88.2944	-578.2	MVU	6.37	1.66	1.56	0.261	1.067	4.085	1690.	46.	4.	765.4	27.6	1
427	0	432	37.4590	88.2951	-577.7	MVU	6.38	3.18	1.47	0.498	2.156	4.333	1827.	39.	4.	766.4	27.6	1
428	0	440	37.4590	88.2959	-578.5	MVU	8.39	3.15	1.43	0.375	2.201	5.873	1711.	41.	4.	766.4	27.6	1
429	0	428	37.4590	88.2966	-580.2	MVU	9.01	3.89	1.17	0.432	3.312	7.670	1604.	45.	0.	767.4	27.6	1
430	0	404	37.4590	88.2973	-580.5	MVU	4.92	3.59	1.09	0.731	3.311	4.526	1506.	35.	5.	768.5	27.7	1
431	0	388	37.4590	88.2980	-580.0	MVU	5.51	1.54	1.26	0.279	1.217	4.366	1403.	47.	4.	767.4	27.6	1
432	0	388	37.4590	88.2987	-581.0	MVU	6.70	1.57	1.03	0.235	1.531	6.519	1526.	43.	7.	766.4	27.6	1
433	0	352	37.4590	88.2993	-582.7	MVU	7.60	2.26	1.04	0.297	2.179	7.334	1534.	28.	4.	765.4	27.6	1
434	0	384	37.4590	88.3000	-585.0	MVU	8.17	2.51	0.99	0.307	2.527	8.228	1468.	49.	2.	765.4	27.6	1
435	0	416	37.4590	88.3008	-585.2	MVU	4.54	2.50	1.02	0.551	2.443	4.435	1514.	39.	5.	765.4	27.6	1
436	0	424	37.4590	88.3015	-586.5	MVU	8.88	1.91	1.15	0.215	1.662	7.746	1540.	38.	6.	766.4	27.6	1
437	0	404	37.4590	88.3022	-586.7	MVU	7.77	2.45	1.12	0.316	2.183	6.917	1505.	32.	5.	767.4	27.5	1
438	0	376	37.4590	88.3029	-587.0	MVU	5.17	3.29	0.76	0.637	4.336	6.809	1365.	35.	6.	767.4	27.5	1
439	0	376	37.4590	88.3037	-586.7	MVU	6.88	1.84	0.98	0.268	1.869	6.982	1310.	31.	8.	767.4	27.5	1
440	0	384	37.4590	88.3044	-587.0	MVU	5.12	2.21	0.86	0.433	2.588	5.983	1348.	45.	10.	767.4	27.5	1
441	0	388	37.4590	88.3051	-586.2	MVU	7.48	1.55	0.71	0.207	2.191	10.575	1412.	45.	9.	765.4	27.5	1
442	0	388	37.4590	88.3058	-588.0	MVU	6.29	2.25	0.81	0.358	2.800	7.816	1400.	39.	9.	764.3	27.5	1
443	0	408	37.4591	88.3065	-588.5	MVU	6.49	2.34	0.86	0.361	2.718	7.529	1395.	32.	8.	764.3	27.5	1
444	10	448	37.4591	88.3073	-589.5	MVU	7.15	-0.09	1.25	0.0	0.0	5.715	1478.	32.	11.	765.4	27.5	1
445	0	500	37.4591	88.3080	-591.0	MVU	8.30	3.07	1.20	0.369	2.547	6.894	1661.	41.	6.	765.4	27.5	1
446	0	512	37.4591	88.3087	-591.0	MVU	7.11	3.11	1.27	0.437	2.444	5.588	1694.	52.	5.	765.4	27.5	1
447	0	528	37.4591	88.3093	-592.2	MVU	7.71	2.77	1.09	0.359	2.540	7.075	1776.	40.	7.	766.4	27.4	1
448	0	528	37.4591	88.3101	-593.7	MVU	7.90	3.33	1.49	0.422	2.231	5.287	1852.	25.	4.	766.4	27.5	1
449	0	536	37.4592	88.3108	-594.0	MVU	6.72	5.65	1.17	0.840	4.834	5.754	1768.	40.	4.	766.4	27.4	1
450	0	536	37.4592	88.3115	-594.7	MVU	7.01	5.31	1.17	0.757	4.519	5.970	1858.	35.	7.	766.4	27.5	1
451	10	524	37.4592	88.3122	-595.7	MVU	9.42	0.89	1.07	0.0	0.0	8.802	1676.	42.	10.	764.3	27.5	1
452	0	512	37.4592	88.3130	-594.0	MVU	7.48	3.32	1.07	0.443	3.102	6.995	1588.	43.	8.	764.3	27.5	1
453	10	508	37.4592	88.3137	-596.0	MVU	6.64	1.56	1.26	0.0	0.0	5.284	1506.	51.	13.	764.3	27.5	1
454	0	504	37.4592	88.3144	-597.2	MVU	7.00	2.51	1.36	0.359	1.851	5.150	1685.	32.	13.	764.3	27.5	1
455	0	504	37.4592	88.3151	-597.5	MVU	7.59	3.65	1.15	0.481	3.176	6.603	1752.	31.	12.	765.4	27.5	1
456	0	508	37.4592	88.3158	-599.0	MVU	4.91	5.25	0.95	1.067	5.534	5.185	1682.	39.	12.	766.4	27.5	1
457	0	512	37.4592	88.3165	-600.2	MVU	5.84	2.13	1.44	0.366	1.478	4.041	1772.	33.	17.	765.9	27.4	1
458	10	508	37.4592	88.3173	-600.0	MVU	8.36	1.47	1.29	0.0	0.0	6.473	1716.	24.	11.	765.9	27.5	1
459	0	508	37.4592	88.3180	-600.0	MVU	9.56	4.69	1.04	0.490	4.521	9.218	1846.	31.	11.	765.9	27.4	1
460	0	508	37.4592	88.3186	-601.0	MVU	7.37	2.92	1.52	0.396	1.922	4.855	1743.	47.	6.	764.9	27.4	1
461	0	500	37.4592	88.3194	-602.5	MVU	8.31	2.87	1.25	0.345	2.306	6.676	1728.	32.	7.	764.3	27.5	1
462	0	492	37.4592	88.3201	-603.2	MVU	6.84	4.26	1.22	0.623	3.501	5.621	1712.	35.	4.	764.3	27.5	1
463	0	476	37.4592	88.3208	-603.7	MVU	7.26	2.99	1.18	0.413	2.534	6.143	1553.	33.	7.	765.4	27.5	1
464	0	468	37.4592	88.3215	-604.0	MVU	8.79	2.47	0.99	0.281	2.495	8.893	1617.	37.	6.	766.9	27.5	1
465	0	468	37.4592	88.3222	-604.5	MVU	8.27	2.99	1.04	0.362	2.861	7.914	1574.	43.	4.	766.9	27.6	1
466	0	468	37.4592	88.3229	-605.5	MVU	6.20	2.71	1.05	0.437	2.573	5.895	1471.	33.	6.	764.9	27.6	1
467	0	480	37.4592	88.3237	-605.7	MVU	6.83	4.15	0.94	0.608	4.398	7.235	1542.	45.	1.	764.3	27.5	1
468	0	484	37.4592	88.3244	-607.0	MVU	6.02	2.64	1.42	0.439	1.867	4.248	1542.	29.	7.	764.3	27.6	1
469	0	492	37.4592	88.3251	-608.2	QAL	3.10	3.22	0.92	1.038	3.495	3.368	1379.	46.	5.	764.3	27.6	1
470	10	508	37.4592	88.3259	-608.5	QAL	5.08	1.02	1.21	0.0	0.0	4.193	1463.	46.	7.	765.4	27.6	1
471	0	460	37.4592	88.3266	-608.0	QAL	5.23	2.55	0.82	0.488	3.102	6.360	1304.	37.	5.	766.4	27.6	1
472	10	448	37.4592	88.3273	-609.7	QAL	3.87	1.32	0.91	0.0	0.0	4.227	1203.	34.	6.	766.4	27.6	1
473	10	484	37.4592	88.3280	-611.5	QAL	6.72	0.28	0.90	0.0	0.0	7.448	1307.	49.	6.	766.4	27.6	1
474	10	520	37.4592	88.3287	-613.0	QAL	6.18	0.49	1.08	0.0	0.0	5.707	1436.	37.	8.	765.9	27.6	1
475	0	540	37.4592	88.3294	-613.0	QAL	8.70	2.59	1.15	0.298	2.244	7.539	1541.	28.	5.	764.9	27.6	1
476	0	544	37.4592	88.3301	-613.7	QAL	7.56	1.96	1.09	0.259	1.804	6.954	1651.	25.	7.	763.8	27.6	1
477	0	544	37.4592	88.3308	-613.5	QAL	8.77	2.07	0.99	0.236	2.097	8.890	1599.	33.	9.	763.8	27.6	1

* TAGS *			* LOCATION *				REDUCED DATA												*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
478	0	544	37.4592	88.3315	-614.7		QAL	5.24	4.24	1.23	0.809	3.456	4.269	1681.	36.	7.	765.4	27.6	1
479	0	544	37.4593	88.3322	-615.5		QAL	6.74	3.19	1.17	0.473	2.718	5.744	1610.	34.	5.	766.4	27.6	1
480	0	532	37.4593	88.3330	-618.0		QAL	8.03	2.96	0.87	0.368	3.401	9.236	1549.	34.	10.	766.4	27.6	1
481	10	516	37.4593	88.3337	-617.2		QAL	8.13	1.58	1.06	0.0	0.0	7.650	1485.	32.	5.	766.4	27.6	1
482	0	504	37.4593	88.3344	-617.5		MCL	4.55	2.51	0.76	0.552	3.323	6.020	1360.	39.	10.	766.4	27.6	1
483	10	516	37.4593	88.3351	-619.0		MCL	8.86	0.48	1.09	0.0	0.0	8.105	1430.	40.	6.	765.4	27.6	1
484	0	548	37.4594	88.3358	-619.0		MCL	6.08	3.13	0.94	0.515	3.348	6.502	1500.	38.	5.	764.3	27.6	1
485	10	560	37.4594	88.3366	-620.2		MCL	6.20	1.14	0.98	0.0	0.0	6.323	1445.	35.	8.	763.8	27.5	1
486	0	556	37.4594	88.3373	-621.7		MCL	6.20	2.57	0.95	0.414	2.689	6.495	1471.	37.	7.	764.3	27.6	1
487	0	556	37.4594	88.3380	-622.2		MCL	4.00	4.41	1.25	1.103	3.513	3.186	1485.	40.	0.	765.9	27.6	1
488	0	516	37.4594	88.3387	-622.2		MCL	5.59	2.90	1.04	0.520	2.789	5.365	1363.	38.	5.	766.9	27.5	1
489	0	468	37.4594	88.3394	-623.5		MCL	3.61	3.42	0.72	0.948	4.735	4.997	1131.	45.	4.	766.4	27.5	1
490	0	432	37.4594	88.3401	-624.7		MCU	5.37	3.43	0.70	0.640	4.888	7.640	1175.	38.	2.	765.4	27.5	1
491	0	416	37.4594	88.3408	-623.7		MCU	2.57	3.06	0.67	1.190	4.564	3.835	1189.	38.	3.	764.3	27.5	1
492	0	444	37.4594	88.3415	-623.5		MCU	4.75	3.35	0.81	0.705	4.122	5.845	1276.	35.	6.	764.3	27.6	1
493	0	488	37.4594	88.3423	-625.2		MCU	5.68	2.63	0.74	0.463	3.559	7.683	1367.	43.	8.	764.3	27.5	1
494	10	508	37.4594	88.3430	-626.2		MCU	9.23	0.33	1.37	0.0	0.0	6.730	1531.	34.	9.	765.4	27.6	1
495	0	492	37.4594	88.3437	-626.7		MCU	7.28	1.95	0.96	0.269	2.032	7.568	1516.	37.	10.	766.4	27.5	1
496	0	504	37.4594	88.3444	-627.5		MCU	3.39	3.58	0.74	1.057	4.857	4.595	1394.	34.	11.	767.4	27.5	1
497	10	508	37.4594	88.3451	-626.2		MCU	6.31	0.55	0.99	0.0	0.0	6.366	1396.	39.	14.	768.0	27.5	1
498	10	504	37.4594	88.3459	-627.0		MCU	5.47	-0.54	1.28	0.0	0.0	4.270	1397.	44.	19.	766.9	27.5	1
499	10	480	37.4594	88.3466	-628.5		MCU	8.50	1.32	0.85	0.0	0.0	10.043	1349.	34.	15.	765.4	27.5	1
500	0	428	37.4594	88.3473	-630.7		MCU	5.08	2.04	0.92	0.401	2.209	5.514	1416.	30.	16.	765.4	27.6	1
501	10	428	37.4594	88.3480	-630.2		MCU	4.96	0.78	1.16	0.0	0.0	4.280	1341.	51.	20.	765.4	27.6	1
502	10	420	37.4594	88.3487	-632.7		MCU	6.89	-0.05	1.13	0.0	0.0	6.114	1463.	40.	19.	765.4	27.7	1
503	0	392	37.4594	88.3494	-631.7		MCU	6.89	1.96	0.90	0.285	2.179	7.647	1493.	38.	15.	767.4	27.7	1
504	10	404	37.4594	88.3501	-630.7		MCU	7.81	-0.02	1.21	0.0	0.0	6.454	1481.	37.	16.	767.4	27.8	1
505	10	436	37.4594	88.3508	-633.2		MCU	7.95	0.91	1.33	0.0	0.0	5.988	1639.	33.	13.	766.4	27.8	1
506	10	440	37.4594	88.3516	-636.0		MCU	9.55	1.26	1.20	0.0	0.0	7.974	1588.	36.	11.	765.9	27.8	1
507	0	444	37.4594	88.3523	-633.7		MCU	10.18	2.45	0.78	0.241	3.135	12.996	1524.	33.	6.	764.9	27.8	1
508	0	452	37.4594	88.3530	-636.0		MCU	6.56	3.53	0.97	0.538	3.623	6.733	1532.	35.	3.	764.9	27.8	1
509	0	456	37.4594	88.3537	-637.5		MCU	7.56	2.19	1.03	0.290	2.134	7.352	1466.	48.	5.	765.9	27.8	1
510	0	460	37.4594	88.3544	-636.5		MCU	3.90	4.68	1.07	1.198	4.375	3.653	1443.	47.	4.	765.9	27.8	1
511	0	452	37.4595	88.3552	-637.5		MCU	5.30	4.01	0.85	0.757	4.723	6.240	1518.	49.	5.	766.4	27.8	1
512	0	444	37.4595	88.3559	-638.2		MCU	10.64	1.89	0.82	0.177	2.303	12.975	1461.	37.	2.	767.4	27.8	1
513	0	436	37.4595	88.3566	-640.0		MCU	5.71	5.02	0.96	0.880	5.220	5.930	1455.	42.	2.	766.4	27.8	1
514	0	412	37.4595	88.3573	-640.7		MCU	4.75	1.45	1.17	0.306	1.240	4.052	1494.	39.	9.	765.4	27.8	1
515	0	388	37.4595	88.3580	-640.0		MCU	4.15	2.84	0.80	0.684	3.539	5.172	1402.	39.	6.	765.4	27.8	1
516	0	388	37.4595	88.3587	-641.7		MCU	7.42	1.61	1.12	0.217	1.438	6.634	1488.	35.	9.	767.4	27.9	1
517	0	384	37.4595	88.3594	-642.5		MCU	6.77	1.74	1.04	0.257	1.670	6.504	1501.	42.	13.	768.5	27.8	1
518	10	384	37.4595	88.3601	-642.0		MCU	7.62	-0.37	1.26	0.0	0.0	6.071	1577.	36.	12.	768.5	27.9	1
519	0	372	37.4595	88.3609	-641.7		MCU	7.83	3.31	0.84	0.423	3.949	9.337	1610.	33.	8.	767.4	27.9	1
520	10	360	37.4595	88.3616	-643.2		MCU	6.71	0.81	1.18	0.0	0.0	5.690	1545.	41.	11.	765.9	27.9	1
521	0	364	37.4595	88.3623	-644.0		MCU	6.49	2.68	1.25	0.413	2.151	5.203	1602.	41.	8.	765.9	27.9	1
522	10	372	37.4595	88.3630	-645.2		MCU	6.77	1.14	1.07	0.0	0.0	6.355	1556.	37.	12.	766.9	27.9	1
523	0	348	37.4595	88.3637	-646.2		MCU	6.37	1.45	0.83	0.227	1.737	7.652	1464.	36.	11.	768.0	27.9	1
524	0	396	37.4595	88.3645	-647.0		MCU	8.38	1.87	1.01	0.223	1.856	8.324	1470.	41.	9.	768.0	27.9	1
525	0	396	37.4595	88.3652	-647.7		MCU	6.93	3.90	0.81	0.563	4.841	8.606	1549.	54.	9.	768.0	27.9	1
526	0	392	37.4595	88.3659	-649.5		MCU	7.54	2.40	0.97	0.318	2.479	7.790	1573.	27.	9.	766.9	28.0	1
527	0	388	37.4595	88.3666	-651.2		MCU	9.12	3.78	0.89	0.415	4.263	10.268	1522.	35.	5.	766.4	28.0	1
528	0	356	37.4595	88.3673	-651.5		MCU	6.08	3.69	0.73	0.607	5.030	8.285	1454.	48.	7.	766.4	28.0	1
529	0	316	37.4595	88.3680	-651.7		MCU	7.49	1.50	0.71	0.201	2.124	10.577	1324.	38.	7.	766.4	28.0	1
530	0	324	37.4595	88.3687	-652.0		MVU	5.30	1.37	0.97	0.258	1.407	5.449	1375.	39.	8.	767.4	28.0	1

CP9 1P12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
531	0	304	37.4596	88.3694	-652.7	MVU	5.42	1.85	0.82	0.342	2.258	6.604	1262.	33.	6.	768.5	28.0	1
532	0	316	37.4596	88.3702	-653.7	MVU	6.75	2.49	0.79	0.369	3.172	8.584	1284.	33.	5.	767.4	27.9	1
533	0	316	37.4596	88.3708	-655.2	MVU	5.18	2.68	0.74	0.516	3.623	7.014	1323.	29.	8.	767.4	27.9	1
534	0	316	37.4596	88.3716	-655.7	MVU	5.51	1.99	0.93	0.361	2.138	5.923	1354.	41.	6.	766.4	27.9	1
535	0	312	37.4596	88.3723	-654.5	MVU	6.84	2.17	0.66	0.317	3.289	10.376	1240.	47.	6.	765.4	27.9	1
536	0	320	37.4596	88.3730	-654.5	MVU	6.55	2.70	0.70	0.412	3.829	9.304	1279.	44.	8.	766.4	27.9	1
537	0	340	37.4596	88.3738	-655.5	MVU	6.25	1.47	0.77	0.235	1.912	8.140	1326.	43.	11.	767.4	27.8	1
538	0	352	37.4596	88.3745	-657.2	MVU	4.00	3.51	0.75	0.879	4.683	5.329	1348.	41.	11.	768.5	27.9	1
539	10	376	37.4596	88.3752	-657.7	MVU	6.14	0.22	0.93	0.0	0.0	6.623	1352.	39.	13.	768.5	27.9	1
540	0	404	37.4596	88.3759	-658.7	MVU	3.65	2.34	0.99	0.642	2.360	3.678	1346.	32.	14.	766.4	27.9	1
541	0	440	37.4596	88.3765	-661.2	MVU	7.57	2.48	0.62	0.328	4.030	12.296	1368.	39.	11.	765.4	27.9	1
542	0	452	37.4596	88.3772	-660.7	MVU	5.77	1.69	0.97	0.293	1.742	5.945	1350.	39.	11.	764.9	27.9	1
543	0	452	37.4596	88.3780	-660.5	MVU	6.22	2.97	0.96	0.477	3.097	6.493	1378.	37.	9.	764.9	27.9	1
544	0	444	37.4596	88.3786	-663.7	MVU	5.77	3.32	0.60	0.575	5.542	9.645	1381.	38.	7.	766.9	27.9	1
545	10	424	37.4596	88.3793	-663.5	MVU	5.45	1.21	1.10	0.0	0.0	4.954	1425.	36.	11.	768.0	27.9	1
546	0	424	37.4596	88.3800	-665.0	MVU	9.03	3.45	1.03	0.383	3.345	8.739	1599.	40.	7.	767.4	27.9	1
547	0	432	37.4596	88.3807	-665.2	MVU	7.21	2.11	1.15	0.293	1.844	6.295	1563.	40.	11.	767.4	27.9	1
548	10	428	37.4596	88.3813	-666.0	MVU	8.70	0.37	1.36	0.0	0.0	6.383	1608.	37.	15.	766.9	27.9	1
549	0	416	37.4596	88.3821	-667.0	MCL	9.76	1.89	0.94	0.193	2.013	10.411	1607.	44.	14.	765.9	27.9	1
550	0	408	37.4596	88.3827	-666.7	MCL	6.55	1.98	1.00	0.302	1.978	6.543	1613.	37.	13.	766.9	27.9	1
551	0	396	37.4596	88.3834	-667.7	MCL	6.04	1.98	1.00	0.327	1.970	6.018	1621.	20.	13.	768.5	27.9	1
552	0	392	37.4596	88.3842	-668.0	MCL	6.30	1.86	1.27	0.296	1.463	4.950	1582.	35.	11.	768.5	27.9	1
553	0	388	37.4597	88.3848	-668.0	MCL	6.69	1.80	1.04	0.269	1.733	6.446	1599.	42.	8.	766.4	27.8	1
554	0	384	37.4596	88.3856	-668.0	MCL	7.33	1.82	1.02	0.249	1.786	7.178	1528.	29.	7.	765.4	27.9	1
555	0	388	37.4596	88.3862	-668.7	MCL	8.12	2.42	0.97	0.298	2.489	8.343	1549.	32.	7.	765.4	27.8	1
556	0	376	37.4596	88.3869	-669.2	MVU	5.43	2.95	0.83	0.543	3.550	6.535	1426.	39.	6.	766.4	27.8	1
557	0	372	37.4596	88.3876	-672.7	MVU	4.97	4.26	0.80	0.856	5.314	6.212	1435.	34.	3.	768.5	27.8	1
558	0	364	37.4596	88.3883	-675.0	MVU	5.10	3.63	0.74	0.711	4.899	6.888	1187.	48.	1.	768.5	27.8	1
559	0	392	37.4596	88.3890	-674.7	MVU	5.08	3.91	0.95	0.771	4.120	5.345	1362.	41.	0.	767.4	27.7	1
560	0	424	37.4596	88.3897	-672.5	MVU	8.32	3.11	0.80	0.374	3.877	10.365	1432.	31.	3.	766.4	27.8	1
561	0	412	37.4596	88.3904	-672.5	MVU	2.87	3.57	1.03	1.245	3.479	2.795	1387.	48.	7.	766.4	27.8	1
562	0	432	37.4596	88.3910	-674.5	MVU	6.08	2.93	1.05	0.481	2.796	5.808	1404.	42.	7.	766.4	27.8	1
563	0	440	37.4596	88.3917	-675.0	QAL	6.68	2.83	0.87	0.423	3.256	7.691	1450.	40.	7.	767.4	27.8	1
564	0	444	37.4596	88.3924	-676.0	QAL	4.94	1.96	1.07	0.396	1.837	4.641	1465.	31.	9.	767.4	27.9	1
565	10	452	37.4596	88.3931	-678.2	QAL	7.56	1.12	1.04	0.0	0.0	7.266	1510.	47.	9.	766.4	27.9	1
566	0	452	37.4596	88.3938	-679.2	QAL	6.09	4.32	0.75	0.708	5.741	8.104	1560.	33.	5.	765.4	27.9	1
567	0	452	37.4596	88.3945	-679.5	QAL	7.28	2.30	0.86	0.315	2.667	8.459	1481.	41.	9.	765.4	27.8	1
568	0	448	37.4596	88.3951	-680.5	MVU	6.61	2.56	0.94	0.387	2.715	7.017	1466.	28.	5.	767.4	27.8	1
569	0	440	37.4596	88.3958	-681.5	MVU	4.15	2.99	0.82	0.720	3.653	5.073	1401.	42.	7.	768.5	27.8	1
570	0	432	37.4596	88.3965	-681.7	MVU	8.01	3.52	0.82	0.440	4.272	9.717	1531.	38.	3.	768.5	27.8	1
571	0	416	37.4596	88.3972	-681.2	MVU	7.23	2.29	1.30	0.317	1.763	5.564	1510.	31.	4.	766.4	27.9	1
572	0	408	37.4596	88.3979	-682.5	MVU	6.78	3.46	1.03	0.511	3.370	6.593	1530.	38.	3.	764.9	27.8	1
573	0	412	37.4596	88.3986	-682.7	MVU	6.88	2.07	1.21	0.302	1.718	5.695	1565.	39.	7.	765.9	27.8	1
574	0	404	37.4596	88.3993	-683.7	MVU	7.17	2.38	1.17	0.332	2.039	6.141	1418.	33.	7.	766.9	27.8	1
575	0	380	37.4596	88.3999	-684.5	MVU	7.68	2.52	0.69	0.328	3.661	11.163	1345.	28.	5.	768.0	27.8	1
576	10	332	37.4596	88.4006	-686.0	MVU	3.85	0.73	0.85	0.0	0.0	4.529	1121.	31.	12.	768.5	27.8	1
577	10	316	37.4596	88.4013	-686.7	MVU	3.99	1.06	0.85	0.0	0.0	4.690	1059.	28.	14.	766.4	27.8	1
578	0	332	37.4596	88.4020	-687.7	MVU	3.32	1.50	0.69	0.452	2.178	4.816	1037.	27.	14.	764.9	27.9	1
579	10	352	37.4595	88.4028	-687.2	MVU	5.15	0.53	0.57	0.0	0.0	8.984	1079.	39.	13.	766.9	27.8	1
580	0	372	37.4595	88.4034	-688.0	MVU	5.15	2.47	0.67	0.479	3.673	7.665	1305.	28.	14.	768.0	27.8	1
581	10	380	37.4595	88.4041	-688.0	MVU	4.00	0.89	1.16	0.0	0.0	3.453	1321.	33.	12.	766.9	27.8	1
582	0	380	37.4595	88.4048	-688.5	MVU	4.80	1.43	1.24	0.298	1.154	3.878	1400.	34.	9.	767.4	27.8	1
583	10	392	37.4596	88.4055	-690.5	MVU	6.56	1.21	0.97	0.0	0.0	6.755	1470.	39.	8.	767.4	27.8	1

CP9 IP12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
584	0	404	37.4596	88.4062	-691.5	MVU	5.68	2.49	1.18	0.437	2.107	4.817	1493.	48.	8.	766.4	27.8	1
585	10	400	37.4596	88.4069	-692.2	MVU	7.48	1.38	0.99	0.0	0.0	7.578	1521.	35.	5.	766.4	27.7	1
586	0	400	37.4596	88.4075	-693.7	MVU	7.47	2.10	1.04	0.281	2.022	7.183	1583.	45.	8.	767.4	27.7	1
587	0	408	37.4596	88.4082	-693.7	MVU	6.28	3.56	1.09	0.567	3.252	5.737	1628.	25.	8.	767.4	27.8	1
588	0	412	37.4596	88.4089	-694.7	MCL	6.68	1.91	0.99	0.286	1.934	6.754	1461.	42.	10.	768.5	27.8	1
589	10	420	37.4596	88.4096	-693.2	MCL	9.25	1.29	1.03	0.0	0.0	8.962	1525.	39.	12.	767.4	27.7	1
590	0	420	37.4596	88.4103	-691.0	MCL	7.71	2.19	0.86	0.284	2.557	9.005	1366.	44.	11.	765.4	27.7	1
591	0	404	37.4595	88.4110	-692.5	MCL	5.64	2.13	0.79	0.378	2.715	7.179	1271.	34.	14.	764.9	27.7	1
592	0	376	37.4595	88.4117	-696.7	MCL	5.98	1.56	0.91	0.260	1.703	6.544	1182.	41.	10.	764.9	27.6	1
593	0	408	37.4595	88.4123	-696.7	MCL	3.61	2.56	0.94	0.709	2.711	3.824	1174.	48.	11.	764.9	27.6	1
594	0	432	37.4595	88.4131	-696.7	MCL	5.67	3.42	0.60	0.604	5.725	9.484	1217.	36.	7.	766.9	27.6	1
595	10	428	37.4595	88.4137	-696.0	MCL	4.91	0.89	0.82	0.0	0.0	5.957	1183.	36.	9.	767.4	27.5	1
596	0	432	37.4595	88.4144	-695.7	MCL	4.04	1.72	0.81	0.425	2.121	4.986	1166.	39.	8.	765.4	27.5	1
597	0	416	37.4595	88.4151	-698.0	MCL	5.33	2.62	0.67	0.492	3.930	7.986	1100.	41.	6.	765.4	27.5	1
598	0	392	37.4595	88.4158	-700.7	MCL	3.83	1.56	0.65	0.409	2.390	5.847	1081.	45.	6.	765.9	27.5	1
599	0	408	37.4595	88.4165	-702.2	MCL	3.72	2.79	0.48	0.748	5.773	7.716	1026.	42.	8.	764.9	27.4	1
600	10	456	37.4595	88.4172	-702.7	MCL	4.96	0.90	0.76	0.0	0.0	6.558	1123.	24.	7.	764.9	27.4	1
601	0	536	37.4595	88.4178	-702.5	MCL	3.46	2.10	0.61	0.607	3.447	5.682	1222.	50.	13.	765.9	27.3	1
602	0	572	37.4596	88.4185	-703.2	QAL	5.81	2.69	0.71	0.463	3.787	8.179	1350.	42.	9.	764.3	27.3	1
603	0	576	37.4596	88.4192	-704.5	QAL	8.35	2.17	1.23	0.260	1.770	6.809	1442.	30.	11.	763.8	27.3	1
604	10	576	37.4595	88.4199	-704.7	QAL	6.21	1.48	0.87	0.0	0.0	7.166	1276.	53.	12.	764.3	27.3	1
605	10	576	37.4595	88.4206	-705.5	QAL	8.88	-0.07	1.29	0.0	0.0	6.903	1506.	39.	10.	765.4	27.3	1
606	10	568	37.4595	88.4212	-706.5	QAL	7.90	0.71	1.09	0.0	0.0	7.244	1588.	34.	12.	765.9	27.3	1
607	0	552	37.4595	88.4220	-707.2	QAL	8.24	2.37	1.15	0.288	2.068	7.187	1642.	36.	10.	764.9	27.3	1
608	10	540	37.4595	88.4227	-707.5	QAL	9.00	1.23	1.05	0.0	0.0	8.599	1619.	38.	10.	763.3	27.3	1
609	0	540	37.4595	88.4234	-709.5	QAL	8.22	3.22	1.14	0.391	2.829	7.229	1492.	51.	6.	764.3	27.4	1
610	0	544	37.4595	88.4241	-709.2	QAL	5.83	3.70	0.92	0.635	4.008	6.311	1465.	45.	4.	766.4	27.4	1
611	0	548	37.4595	88.4247	-708.5	QAL	5.64	2.96	1.17	0.524	2.525	4.817	1532.	33.	8.	766.4	27.4	1
612	10	512	37.4595	88.4255	-709.7	QAL	6.72	1.61	1.20	0.0	0.0	5.588	1369.	35.	9.	764.3	27.5	1
613	0	472	37.4595	88.4261	-711.0	QAL	6.29	1.56	1.02	0.249	1.534	6.168	1231.	27.	6.	763.8	27.5	1
614	0	492	37.4595	88.4268	-709.5	QAL	2.69	3.50	0.63	1.300	5.546	4.266	1112.	45.	8.	763.8	27.6	1
615	0	552	37.4595	88.4275	-706.2	QAL	5.37	1.89	0.84	0.352	2.239	6.369	1180.	40.	6.	765.4	27.6	1
616	0	564	37.4595	88.4282	-706.5	QAL	3.19	2.22	0.60	0.695	3.715	5.346	1237.	45.	10.	766.4	27.6	1
617	0	552	37.4595	88.4289	-710.5	MCL	5.93	2.32	0.87	0.391	2.655	6.795	1285.	32.	8.	765.4	27.7	1
618	10	544	37.4595	88.4296	-713.5	MCL	6.74	0.24	0.84	0.0	0.0	8.003	1308.	47.	8.	764.3	27.7	1
619	10	528	37.4595	88.4303	-713.5	MCL	5.82	0.95	0.75	0.0	0.0	7.720	1258.	39.	6.	764.9	27.7	1
620	0	536	37.4595	88.4309	-714.7	MCL	4.31	1.78	0.98	0.413	1.810	4.382	1270.	40.	8.	765.9	27.7	1
621	10	540	37.4595	88.4316	-715.0	MCL	5.94	1.45	1.28	0.0	0.0	4.631	1497.	37.	6.	766.4	27.7	1
622	0	548	37.4595	88.4323	-716.0	MCL	6.77	2.03	0.97	0.300	2.093	6.985	1438.	36.	8.	765.4	27.7	1
623	0	520	37.4595	88.4330	-716.2	MCL	7.87	2.31	0.80	0.293	2.898	9.887	1400.	34.	6.	763.8	27.7	1
624	0	508	37.4595	88.4337	-716.7	MCL	6.71	2.13	0.77	0.318	2.777	8.736	1318.	33.	6.	764.3	27.7	1
625	0	520	37.4595	88.4344	-717.5	MCL	6.44	2.25	0.84	0.349	2.685	7.682	1424.	34.	7.	765.4	27.7	1
626	10	472	37.4595	88.4351	-718.5	MCL	6.64	0.61	1.07	0.0	0.0	6.182	1304.	44.	9.	766.4	27.8	1
627	0	416	37.4595	88.4357	-718.0	MCL	4.19	1.82	0.95	0.435	1.914	4.397	1174.	41.	8.	766.4	27.8	1
628	0	392	37.4595	88.4364	-719.0	MCL	3.83	2.23	0.78	0.582	2.864	4.921	1127.	41.	8.	765.4	27.8	1
629	0	356	37.4595	88.4371	-719.2	MCL	5.07	2.96	0.70	0.585	4.212	7.202	1158.	37.	9.	764.3	27.7	1
630	10	324	37.4595	88.4378	-719.7	MCL	6.68	0.61	0.80	0.0	0.0	8.407	1184.	40.	10.	764.3	27.7	1
631	10	312	37.4595	88.4385	-718.7	MCL	4.81	1.20	0.99	0.0	0.0	4.857	1275.	44.	14.	765.4	27.7	1
632	0	332	37.4595	88.4392	-718.5	MCL	5.60	2.68	1.14	0.479	2.361	4.930	1558.	44.	8.	766.4	27.8	1
633	0	348	37.4595	88.4398	-719.2	MCL	6.33	2.61	0.92	0.413	2.837	6.875	1547.	26.	9.	766.4	27.7	1
634	10	348	37.4595	88.4406	-720.7	MCL	8.82	1.07	1.12	0.0	0.0	7.862	1546.	27.	9.	765.4	27.7	1
635	0	348	37.4595	88.4413	-721.2	MCL	5.50	2.17	0.98	0.395	2.217	5.616	1462.	36.	11.	764.3	27.7	1
636	0	352	37.4595	88.4419	-723.0	MCL	7.10	2.51	0.81	0.354	3.099	8.747	1376.	44.	8.	765.4	27.7	1

CP9 1P12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
637	0	368	37.4595	88.4427	-723.5	MCL	6.12	3.39	0.78	0.554	4.333	7.824	1404.	31.	6.	766.9	27.7	1
638	0	380	37.4595	88.4433	-724.0	MCL	5.15	2.19	0.79	0.425	2.775	6.528	1284.	42.	10.	767.4	27.7	1
639	0	376	37.4595	88.4440	-724.5	MCL	4.92	2.43	0.74	0.493	3.292	6.672	1267.	39.	5.	765.4	27.7	1
640	0	372	37.4595	88.4447	-725.2	MCL	5.87	1.49	0.88	0.254	1.700	6.682	1250.	46.	8.	764.3	27.7	1
641	0	376	37.4595	88.4454	-724.2	MCL	5.26	1.70	0.83	0.323	2.054	6.367	1390.	30.	5.	765.4	27.7	1
642	0	388	37.4595	88.4460	-725.7	MCL	6.94	2.84	0.85	0.410	3.351	8.173	1373.	35.	0.	766.4	27.7	1
643	0	404	37.4595	88.4467	-727.0	MCL	4.39	1.56	0.80	0.355	1.959	5.524	1264.	36.	5.	765.9	27.7	1
644	0	388	37.4595	88.4475	-726.7	MCL	5.00	3.64	0.66	0.728	5.553	7.624	1258.	29.	0.	764.9	27.7	1
645	0	384	37.4595	88.4481	-727.0	MCU	6.37	2.44	0.84	0.382	2.892	7.567	1343.	46.	3.	763.8	27.7	1
646	0	360	37.4595	88.4489	-726.5	MCU	5.63	1.62	0.99	0.288	1.645	5.704	1380.	41.	0.	765.9	27.7	1
647	0	356	37.4595	88.4495	-728.7	MCU	6.25	1.77	1.01	0.284	1.756	6.187	1311.	41.	2.	768.5	27.7	1
648	0	376	37.4595	88.4502	-728.5	MCU	5.24	2.94	1.02	0.560	2.874	5.128	1382.	43.	0.	767.4	27.7	1
649	0	404	37.4595	88.4509	-729.2	MCU	6.36	3.19	1.15	0.502	2.767	5.508	1520.	29.	2.	764.9	27.6	1
650	0	412	37.4595	88.4516	-730.2	MCU	6.18	1.62	1.17	0.263	1.382	5.261	1542.	41.	2.	763.8	27.6	1
651	0	408	37.4595	88.4522	-730.0	MCU	7.33	2.28	1.33	0.310	1.721	5.559	1480.	43.	0.	764.9	27.6	1
652	10	420	37.4595	88.4529	-729.0	MCU	5.29	1.34	1.09	0.0	0.0	4.871	1497.	53.	5.	765.9	27.6	1
653	0	440	37.4595	88.4536	-732.7	MCU	5.50	2.73	1.10	0.497	2.478	4.990	1563.	39.	5.	766.4	27.6	1
654	0	436	37.4594	88.4543	-734.2	MCU	7.58	3.06	0.97	0.403	3.157	7.829	1639.	46.	5.	765.4	27.6	1
655	0	432	37.4595	88.4550	-734.0	MCU	7.42	1.63	1.08	0.220	1.507	6.848	1596.	35.	5.	764.3	27.6	1
656	10	432	37.4595	88.4557	-733.0	MCU	6.93	1.47	1.27	0.0	0.0	5.465	1525.	43.	6.	765.4	27.6	1
657	0	440	37.4595	88.4564	-733.0	MCU	5.80	3.75	1.07	0.647	3.508	5.421	1575.	37.	3.	766.4	27.6	1
658	10	448	37.4595	88.4570	-733.7	MCU	8.14	0.87	0.96	0.0	0.0	8.498	1468.	50.	2.	766.4	27.7	1
659	0	456	37.4595	88.4578	-734.7	MCU	6.80	3.58	0.99	0.527	3.606	6.846	1374.	33.	5.	764.3	27.7	1
660	0	480	37.4595	88.4584	-736.0	MCU	6.11	3.98	0.94	0.651	4.229	6.497	1418.	49.	3.	764.3	27.8	1
661	0	480	37.4595	88.4592	-736.0	MCU	5.37	3.37	0.90	0.628	3.737	5.948	1378.	38.	4.	766.4	27.8	1
662	0	464	37.4595	88.4598	-735.5	MCU	8.63	2.18	0.84	0.253	2.593	10.263	1416.	37.	3.	767.4	27.8	1
663	0	488	37.4595	88.4605	-737.0	MCU	6.45	3.42	0.99	0.530	3.461	6.528	1531.	30.	6.	765.4	27.8	1
664	0	476	37.4595	88.4612	-738.0	MCU	6.04	1.68	1.06	0.279	1.592	5.707	1532.	41.	8.	764.3	27.8	1
665	0	456	37.4595	88.4619	-738.7	MCU	9.02	2.44	1.16	0.271	2.112	7.798	1577.	31.	6.	765.4	27.8	1
666	0	436	37.4594	88.4626	-739.5	MCU	5.25	3.93	0.89	0.749	4.443	5.932	1465.	42.	8.	766.9	27.8	1
667	0	432	37.4594	88.4633	-740.7	MCU	7.80	2.12	1.10	0.272	1.932	7.104	1494.	35.	8.	765.9	27.9	1
668	10	428	37.4594	88.4640	-741.0	MCU	6.29	1.31	1.40	0.0	0.0	4.510	1518.	41.	12.	764.3	27.9	1
669	0	436	37.4594	88.4646	-740.0	MCU	6.28	3.24	1.29	0.516	2.517	4.877	1597.	48.	5.	764.3	27.8	1
670	0	436	37.4594	88.4653	-740.7	MCU	6.82	2.62	1.02	0.384	2.578	6.711	1621.	52.	11.	765.4	27.8	1
671	10	428	37.4594	88.4660	-742.2	MCU	9.76	1.43	1.20	0.0	0.0	8.148	1662.	44.	10.	766.4	27.7	1
672	0	428	37.4594	88.4667	-743.0	MCU	5.87	3.06	1.17	0.520	2.610	5.015	1588.	36.	9.	766.4	27.7	1
673	0	428	37.4594	88.4674	-742.5	MCU	7.07	2.56	1.08	0.362	2.370	6.554	1603.	38.	6.	764.9	27.7	1
674	0	420	37.4594	88.4681	-742.5	MCU	7.43	3.55	1.15	0.477	3.091	6.479	1617.	41.	3.	764.3	27.8	1
675	0	412	37.4595	88.4688	-744.0	MCU	6.28	3.01	1.15	0.480	2.627	5.475	1685.	38.	6.	765.4	27.8	1
676	0	412	37.4595	88.4694	-743.7	MCU	6.26	2.87	1.20	0.459	2.402	5.233	1667.	45.	5.	766.4	27.8	1
677	0	400	37.4595	88.4702	-744.5	MCU	6.89	2.50	1.33	0.363	1.888	5.198	1613.	44.	9.	765.9	27.8	1
678	0	376	37.4594	88.4708	-744.7	MCU	6.92	3.95	1.07	0.570	3.697	6.482	1514.	46.	3.	764.9	27.8	1
679	0	352	37.4594	88.4715	-745.7	MCU	7.14	1.59	1.30	0.222	1.227	5.516	1649.	39.	9.	764.9	27.8	1
680	0	332	37.4594	88.4722	-744.5	MCU	7.95	2.61	1.04	0.328	2.511	7.664	1653.	35.	6.	766.4	27.8	1
681	0	332	37.4594	88.4729	-745.0	MCU	8.99	4.44	0.84	0.494	5.265	10.669	1638.	36.	2.	766.9	27.8	1
682	10	336	37.4594	88.4736	-746.5	MCU	6.75	1.07	1.38	0.0	0.0	4.884	1552.	55.	9.	764.9	27.8	1
683	0	336	37.4594	88.4742	-747.2	MCU	6.06	1.63	1.23	0.269	1.323	4.919	1633.	45.	11.	763.8	27.7	1
684	0	336	37.4594	88.4750	-748.0	MCU	6.92	1.55	1.05	0.225	1.482	6.602	1592.	40.	9.	765.4	27.7	1
685	0	336	37.4594	88.4756	-748.7	MCU	7.20	2.63	0.81	0.365	3.241	8.884	1455.	45.	6.	766.4	27.6	1
686	0	320	37.4594	88.4764	-748.5	MCU	5.81	3.35	0.78	0.577	4.319	7.481	1297.	34.	5.	766.4	27.7	1
687	10	336	37.4594	88.4770	-749.2	MCU	5.20	0.55	0.90	0.0	0.0	5.778	1240.	40.	6.	765.4	27.7	1
688	10	356	37.4594	88.4777	-749.7	MCU	7.18	0.55	1.00	0.0	0.0	7.199	1195.	50.	7.	764.3	27.7	1
689	0	376	37.4594	88.4783	-749.2	MCU	4.78	2.81	0.71	0.587	3.958	6.747	1159.	37.	2.	764.9	27.7	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
690	0	396	37.4594	88.4791	-750.7	MCU	5.60	3.54	0.59	0.633	6.015	9.506	1238.	32.	1.	765.9	27.7	1
691	0	424	37.4594	88.4798	-752.2	MCU	5.06	3.26	0.79	0.644	4.141	6.434	1260.	29.	4.	765.9	27.7	1
692	0	440	37.4594	88.4805	-751.7	MCU	6.88	2.73	0.60	0.397	4.528	11.399	1348.	41.	0.	764.9	27.7	1
693	10	460	37.4594	88.4812	-752.0	MCU	6.04	1.10	1.13	0.0	0.0	5.371	1341.	43.	5.	763.8	27.6	1
694	0	472	37.4594	88.4818	-753.7	MCU	6.35	2.36	0.81	0.372	2.915	7.833	1335.	52.	5.	764.3	27.6	1
695	0	492	37.4594	88.4825	-753.5	MCU	6.52	3.70	1.11	0.567	3.319	5.854	1454.	36.	5.	766.4	27.6	1
696	0	484	37.4594	88.4832	-754.5	QAL	3.23	1.74	0.74	0.539	2.337	4.339	1245.	41.	8.	765.9	27.6	1
697	0	468	37.4594	88.4839	-755.0	QAL	6.73	2.60	0.90	0.386	2.900	7.520	1234.	33.	5.	764.9	27.6	1
698	0	480	37.4594	88.4846	-754.5	QAL	8.12	1.99	0.85	0.245	2.328	9.509	1262.	44.	3.	764.9	27.6	1
699	10	460	37.4594	88.4853	-756.5	MCU	6.83	0.98	0.73	0.0	0.0	9.290	1264.	35.	9.	765.4	27.6	1
700	10	472	37.4594	88.4860	-756.5	MCU	6.94	0.62	0.99	0.0	0.0	6.991	1398.	52.	10.	766.4	27.6	1
701	0	468	37.4594	88.4867	-756.7	MCU	5.44	2.02	0.94	0.371	2.139	5.769	1376.	47.	10.	766.4	27.6	1
702	0	456	37.4594	88.4874	-756.2	MCU	8.61	2.02	0.91	0.234	2.227	9.507	1443.	37.	7.	764.3	27.6	1
703	10	452	37.4594	88.4880	-757.0	MCU	7.00	1.36	0.94	0.0	0.0	7.471	1404.	44.	8.	765.4	27.6	1
704	0	404	37.4594	88.4887	-757.5	MCU	4.19	1.92	0.83	0.458	2.320	5.062	1180.	48.	8.	766.4	27.6	1
705	0	408	37.4594	88.4894	-758.7	MCU	5.23	1.54	0.74	0.294	2.077	7.075	1114.	32.	8.	765.4	27.5	1
706	0	396	37.4594	88.4901	-759.7	MCU	4.62	2.69	0.64	0.582	4.220	7.250	1114.	45.	5.	763.8	27.5	1
707	0	372	37.4594	88.4907	-760.2	MCU	4.95	1.94	0.43	0.391	4.537	11.604	1009.	39.	6.	763.8	27.4	1
708	0	332	37.4594	88.4915	-759.5	MCU	2.91	2.07	0.52	0.711	3.968	5.583	948.	42.	6.	764.9	27.4	1
709	0	292	37.4594	88.4921	-759.5	MCU	2.30	1.63	0.45	0.706	3.651	5.173	817.	48.	5.	764.9	27.3	1
710	0	260	37.4594	88.4928	-760.7	MCU	2.80	1.42	0.50	0.506	2.805	5.540	861.	24.	5.	763.3	27.2	1
711	0	236	37.4594	88.4936	-761.0	MCU	2.57	1.32	0.55	0.515	2.426	4.707	823.	37.	8.	763.3	27.2	1
712	0	228	37.4594	88.4942	-762.7	MCU	4.58	2.03	0.75	0.442	2.719	6.146	1027.	27.	6.	764.9	27.2	1
713	0	228	37.4594	88.4950	-764.7	PPCV	4.03	1.18	0.78	0.293	1.511	5.152	1192.	40.	9.	764.3	27.1	1
714	0	228	37.4594	88.4955	-764.0	PPCV	6.35	2.22	0.77	0.350	2.870	8.205	1313.	34.	6.	762.8	27.1	1
715	0	228	37.4594	88.4963	-764.0	PPCV	6.01	2.40	0.97	0.400	2.482	6.211	1434.	34.	6.	762.8	27.1	1
716	0	240	37.4593	88.4970	-764.5	PPCV	8.05	2.33	1.25	0.289	1.856	6.423	1529.	46.	5.	764.3	27.0	1
717	0	280	37.4593	88.4977	-764.2	PPCV	6.54	1.34	1.14	0.205	1.171	5.719	1645.	36.	8.	763.8	27.0	1
718	0	284	37.4593	88.4984	-764.7	PPCV	7.60	2.14	1.04	0.281	2.051	7.293	1543.	55.	4.	762.3	27.0	1
719	0	284	37.4593	88.4991	-765.2	PPCV	5.91	3.23	1.12	0.547	2.876	5.259	1604.	40.	1.	763.3	27.0	1
720	0	284	37.4593	88.4998	-765.2	PPCV	6.91	2.27	1.27	0.329	1.796	5.459	1678.	30.	2.	764.9	27.0	1
721	0	288	37.4594	88.5004	-765.2	PPCV	6.76	2.89	0.93	0.427	3.105	7.273	1509.	44.	0.	763.8	26.9	1
722	0	284	37.4594	88.5011	-765.0	PPCV	4.49	4.13	0.90	0.921	4.609	5.005	1384.	46.	3.	762.8	27.0	1
723	0	260	37.4594	88.5018	-766.0	PPCV	4.07	2.07	0.69	0.509	3.014	5.926	1137.	30.	3.	762.8	26.9	1
724	0	288	37.4594	88.5025	-767.2	PPCV	4.61	1.65	0.67	0.357	2.446	6.850	996.	45.	3.	763.8	26.8	1
725	10	328	37.4594	88.5032	-768.7	PPCV	3.33	0.79	0.78	0.0	0.0	4.257	958.	38.	6.	764.3	26.9	1
726	0	360	37.4594	88.5039	-768.5	PPCV	3.23	1.36	0.65	0.420	2.090	4.981	951.	44.	7.	763.8	27.0	1
727	0	348	37.4594	88.5045	-769.0	PPCV	3.57	1.45	0.70	0.407	2.089	5.131	960.	38.	9.	762.8	27.0	1
728	0	316	37.4593	88.5052	-768.2	PPCV	3.48	1.71	0.49	0.491	3.479	7.084	902.	42.	10.	763.8	27.1	1
729	10	276	37.4593	88.5059	-769.7	PPCV	5.55	0.52	0.68	0.0	0.0	8.170	1045.	40.	12.	764.3	27.1	1
730	0	272	37.4593	88.5066	-770.2	PPCV	4.82	2.32	0.68	0.482	3.440	7.135	1154.	42.	10.	763.8	27.1	1
731	0	272	37.4593	88.5073	-770.2	PPCV	5.40	2.38	0.73	0.441	3.249	7.364	1293.	56.	7.	762.8	27.2	1
732	0	260	37.4593	88.5080	-770.5	PPCV	5.42	2.19	0.77	0.404	2.858	7.077	1389.	29.	7.	762.8	27.2	1
733	0	264	37.4593	88.5087	-771.2	PPCV	6.70	2.10	0.93	0.313	2.267	7.241	1462.	40.	6.	762.8	27.2	1
734	0	276	37.4593	88.5093	-772.2	PPCV	6.67	1.90	1.10	0.284	1.724	6.071	1563.	44.	4.	764.3	27.3	1
735	0	268	37.4593	88.5100	-772.7	PPCV	7.76	3.64	1.43	0.470	2.552	5.434	1721.	45.	3.	763.3	27.3	1
736	0	256	37.4593	88.5107	-773.0	PPCV	10.50	2.55	1.03	0.243	2.477	10.207	1675.	42.	2.	761.2	27.3	1
737	0	256	37.4593	88.5114	-773.5	PPCV	8.10	2.90	1.21	0.358	2.404	6.707	1694.	37.	3.	762.3	27.3	1
738	0	264	37.4593	88.5122	-775.0	PPCV	9.65	3.69	1.26	0.383	2.929	7.653	1699.	43.	3.	763.3	27.3	1
739	0	272	37.4593	88.5128	-774.2	PPCV	8.85	3.41	1.10	0.386	3.111	8.067	1661.	51.	4.	763.3	27.2	1
740	0	276	37.4593	88.5135	-775.5	PPCV	8.68	2.49	0.99	0.287	2.513	8.750	1737.	47.	6.	762.8	27.2	1
741	0	272	37.4593	88.5142	-774.5	PPCV	10.15	2.95	1.11	0.290	2.657	9.155	1744.	35.	7.	761.8	27.2	1
742	0	272	37.4593	88.5149	-773.7	PPCV	9.80	2.33	1.28	0.238	1.829	7.673	1706.	47.	5.	761.8	27.2	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
743	0	280	37.4593	88.5155	-775.5	PPCV	6.43	2.64	0.97	0.411	2.728	6.638	1698.	35.	7.	763.8	27.2	1
744	0	284	37.4593	88.5163	-777.7	PPCV	8.68	1.45	1.15	0.167	1.266	7.568	1704.	43.	8.	763.8	27.2	1
745	0	284	37.4593	88.5169	-777.7	PPCV	5.23	2.93	0.99	0.561	2.951	5.260	1562.	51.	5.	761.8	27.2	1
746	10	276	37.4593	88.5176	-779.0	PPCV	9.15	1.19	1.07	0.0	0.0	8.589	1575.	43.	7.	761.8	27.2	1
747	10	284	37.4593	88.5184	-779.0	PPCV	8.63	1.05	1.34	0.0	0.0	6.462	1615.	50.	9.	763.8	27.2	1
748	0	276	37.4593	88.5190	-779.7	PPCV	6.57	2.83	0.95	0.431	2.985	6.920	1518.	38.	8.	763.8	27.2	1
749	0	292	37.4593	88.5197	-779.5	PPCV	5.18	4.16	1.23	0.803	3.392	4.226	1594.	52.	6.	762.8	27.2	1
750	0	296	37.4593	88.5204	-779.2	PPCV	6.92	1.94	1.08	0.280	1.800	6.434	1568.	42.	8.	762.8	27.2	1
751	0	300	37.4593	88.5211	-780.7	PPCV	6.92	3.74	1.09	0.540	3.429	6.352	1578.	51.	6.	763.3	27.1	1
752	0	280	37.4593	88.5217	-781.5	PPCV	7.01	1.87	0.78	0.267	2.380	8.930	1482.	39.	6.	763.8	27.1	1
753	0	248	37.4592	88.5224	-781.5	PPCV	6.10	2.63	0.64	0.432	4.084	9.460	1349.	41.	8.	762.8	27.1	1
754	0	264	37.4592	88.5231	-781.2	PPCV	4.68	1.36	0.99	0.290	1.365	4.712	1273.	36.	8.	761.8	27.1	1
755	0	280	37.4592	88.5238	-782.5	PPCV	5.63	1.79	0.91	0.319	1.973	6.194	1335.	35.	10.	762.8	27.1	1
756	0	284	37.4592	88.5245	-783.2	PPCV	3.46	2.35	0.83	0.679	2.821	4.157	1244.	43.	8.	764.3	27.2	1
757	0	292	37.4592	88.5252	-783.2	PPCV	3.73	1.34	0.81	0.359	1.662	4.628	1238.	56.	12.	764.3	27.2	1
758	10	332	37.4593	88.5259	-784.0	PPCV	8.66	1.06	0.99	0.0	0.0	8.709	1359.	36.	11.	763.8	27.2	1
759	0	280	37.4593	88.5266	-784.2	PPCV	5.58	1.88	0.82	0.337	2.286	6.783	1313.	45.	9.	762.8	27.2	1
760	0	264	37.4593	88.5272	-785.2	PPCV	5.48	2.16	0.60	0.394	3.589	9.100	1369.	33.	11.	763.8	27.2	1
761	0	252	37.4593	88.5279	-785.7	PPCV	7.67	2.31	0.83	0.301	2.772	9.215	1385.	37.	5.	764.9	27.2	1
762	0	264	37.4593	88.5286	-786.7	PPCV	7.07	2.99	1.13	0.423	2.641	6.248	1577.	40.	2.	763.8	27.3	1
763	0	300	37.4593	88.5293	-786.5	PPCV	8.37	1.43	1.12	0.171	1.271	7.446	1580.	55.	7.	763.3	27.3	1
764	0	304	37.4593	88.5300	-786.2	PPCV	10.36	2.94	1.06	0.284	2.765	9.737	1762.	39.	5.	763.3	27.2	1
765	0	316	37.4593	88.5306	-787.2	PPCV	8.38	2.02	1.08	0.241	1.869	7.743	1555.	55.	1.	764.3	27.3	1
766	0	324	37.4593	88.5314	-787.2	PPCV	7.24	1.88	1.05	0.260	1.803	6.926	1631.	53.	5.	763.8	27.2	1
767	0	336	37.4593	88.5320	-787.5	PPCV	6.28	4.77	1.20	0.760	3.986	5.242	1668.	41.	5.	762.8	27.2	1
768	0	356	37.4593	88.5328	-788.0	PPCV	7.32	4.46	0.99	0.609	4.504	7.392	1642.	46.	4.	761.8	27.2	1
769	0	360	37.4593	88.5334	-788.7	PPCV	6.68	3.71	1.13	0.555	3.290	5.922	1597.	40.	5.	761.2	27.2	1
770	0	364	37.4593	88.5341	-789.7	PPCV	7.72	2.11	1.09	0.273	1.942	7.105	1426.	37.	7.	762.3	27.2	1
771	0	380	37.4593	88.5347	-788.7	PPCV	7.40	2.00	0.73	0.270	2.722	10.098	1457.	48.	10.	762.3	27.1	1
772	0	396	37.4593	88.5355	-789.2	PPCV	6.13	2.82	0.95	0.459	2.953	6.429	1414.	39.	10.	759.7	27.1	1
773	0	416	37.4593	88.5361	-790.7	PPCV	5.17	2.95	0.92	0.570	3.217	5.640	1357.	47.	8.	759.7	27.1	1
774	0	424	37.4593	88.5369	-790.2	PPCV	6.17	2.28	0.85	0.369	2.672	7.245	1373.	55.	8.	761.8	27.1	1
775	0	440	37.4593	88.5375	-791.7	PPCV	5.77	1.69	0.72	0.292	2.332	7.976	1349.	55.	10.	760.7	27.0	1
776	0	452	37.4593	88.5382	-792.2	PPCV	5.48	1.90	1.08	0.347	1.764	5.079	1405.	45.	6.	758.7	26.9	1
777	0	472	37.4593	88.5389	-791.7	PPAB	5.58	2.62	0.80	0.469	3.288	7.011	1485.	26.	9.	759.7	26.9	1
778	0	480	37.4593	88.5396	-792.7	PPAB	6.61	2.02	1.07	0.306	1.901	6.208	1345.	37.	4.	761.2	26.9	1
779	0	484	37.4593	88.5403	-793.0	PPAB	4.93	3.03	0.81	0.614	3.741	6.088	1327.	45.	4.	760.2	26.8	1
780	10	484	37.4593	88.5410	-793.0	PPAB	7.64	1.52	0.89	0.0	0.0	8.561	1424.	41.	5.	758.7	26.8	1
781	0	484	37.4593	88.5416	-794.5	PPAB	6.16	2.08	0.87	0.338	2.397	7.095	1342.	46.	3.	759.7	26.8	1
782	0	488	37.4593	88.5423	-794.7	PPCV	6.83	3.86	0.72	0.566	5.373	9.497	1340.	50.	0.	761.2	26.8	1
783	0	508	37.4594	88.5430	-793.5	PPCV	4.67	4.00	0.96	0.855	4.161	4.866	1400.	48.	2.	760.2	26.8	1
784	0	500	37.4594	88.5437	-793.5	PPCV	5.34	5.08	0.65	0.951	7.755	8.156	1320.	49.	0.	759.2	26.8	1
785	10	496	37.4594	88.5444	-793.5	PPCV	5.75	0.86	0.79	0.0	0.0	7.256	1318.	42.	5.	760.7	26.8	1
786	10	496	37.4594	88.5451	-793.5	PPCV	7.42	1.38	0.83	0.0	0.0	8.979	1218.	49.	3.	762.3	26.9	1
787	0	496	37.4594	88.5457	-793.7	PPCV	3.99	3.06	0.71	0.766	4.324	5.646	1318.	32.	6.	761.2	26.9	1
788	0	480	37.4594	88.5464	-795.0	PPCV	6.31	2.15	0.87	0.340	2.475	7.273	1231.	40.	7.	760.2	26.9	1
789	0	488	37.4594	88.5471	-795.7	PPCV	4.15	1.75	0.83	0.422	2.115	5.014	1206.	38.	11.	762.3	26.9	1
790	10	512	37.4594	88.5478	-794.7	PPCV	5.07	0.60	0.72	0.0	0.0	7.082	1172.	33.	11.	762.8	27.0	1
791	10	536	37.4594	88.5485	-794.5	PPCV	3.99	1.67	0.89	0.0	0.0	4.474	1211.	29.	12.	760.7	27.0	1
792	10	540	37.4594	88.5492	-795.2	PPCV	5.62	1.79	0.86	0.0	0.0	6.524	1259.	38.	10.	761.8	27.1	1
793	10	512	37.4594	88.5498	-795.0	QAL	5.08	0.43	0.99	0.0	0.0	5.126	1063.	39.	10.	762.8	27.1	1
794	0	512	37.4594	88.5505	-794.7	QAL	5.87	2.25	0.54	0.384	4.184	10.903	1194.	40.	8.	761.8	27.1	1
795	0	528	37.4594	88.5512	-796.2	QAL	5.07	3.16	0.53	0.623	5.916	9.496	1208.	37.	10.	761.8	27.1	1

*	TAGS			* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
796	0	544	37.4594	88.5519	-796.5		QAL	4.63	1.93	0.66	0.418	2.945	7.047	1169.	42.	10.	763.8	27.1	1
797	10	564	37.4594	88.5526	-796.0		QAL	5.03	1.73	0.78	0.0	0.0	6.454	1273.	43.	11.	763.8	27.1	1
798	10	588	37.4594	88.5533	-797.2		QAL	8.12	1.26	1.04	0.0	0.0	7.771	1346.	40.	8.	762.3	27.1	1
799	0	544	37.4594	88.5539	-798.2		QAL	6.19	3.12	0.59	0.503	5.299	10.530	1227.	36.	9.	763.3	27.2	1
800	0	536	37.4595	88.5546	-797.5		QAL	5.25	3.05	0.76	0.582	4.017	6.905	1305.	42.	7.	764.9	27.3	1
801	10	520	37.4595	88.5553	-797.7		QAL	5.92	1.29	0.96	0.0	0.0	6.193	1242.	42.	10.	763.3	27.3	1
802	10	556	37.4595	88.5560	-798.0		QAL	6.72	1.24	1.11	0.0	0.0	6.064	1267.	48.	10.	763.8	27.3	1
803	10	564	37.4595	88.5567	-798.5		QAL	4.64	1.35	1.25	0.0	0.0	3.722	1437.	43.	14.	765.4	27.4	1
804	10	560	37.4595	88.5574	-800.7		QAL	5.65	1.03	1.14	0.0	0.0	4.962	1375.	41.	11.	764.3	27.4	1
805	10	520	37.4595	88.5580	-800.5		QAL	5.41	0.94	1.03	0.0	0.0	5.274	1263.	34.	12.	763.8	27.4	1
806	10	500	37.4595	88.5587	-800.7		QAL	4.08	1.04	0.65	0.0	0.0	6.259	1157.	39.	13.	765.4	27.5	1
807	10	496	37.4595	88.5594	-800.2		QAL	5.38	0.03	1.02	0.0	0.0	5.249	1200.	37.	9.	764.3	27.5	1
808	10	484	37.4595	88.5601	-802.0		QAL	3.79	1.44	0.81	0.0	0.0	4.673	1118.	38.	10.	763.8	27.5	1
809	10	484	37.4595	88.5607	-802.0		QAL	7.27	-0.63	0.82	0.0	0.0	8.824	1134.	39.	9.	765.4	27.5	1
810	10	468	37.4595	88.5615	-801.7		QAL	5.21	-0.16	0.88	0.0	0.0	5.955	1133.	39.	14.	765.4	27.5	1
811	10	476	37.4595	88.5621	-801.5		QAL	4.60	1.00	0.89	0.0	0.0	5.165	1180.	24.	13.	764.3	27.5	1
812	10	500	37.4595	88.5628	-802.5		QAL	5.66	0.05	1.19	0.0	0.0	4.739	1272.	29.	11.	765.4	27.6	1
813	10	524	37.4595	88.5635	-803.5		QAL	6.06	1.26	0.71	0.0	0.0	8.490	1335.	31.	12.	766.4	27.6	1
814	10	528	37.4595	88.5642	-804.2		QAL	6.44	1.16	0.81	0.0	0.0	7.972	1315.	48.	8.	764.3	27.6	1
815	10	528	37.4595	88.5648	-804.2		QAL	6.59	-0.32	0.82	0.0	0.0	8.014	1196.	32.	10.	765.4	27.6	1
816	10	536	37.4595	88.5656	-804.2		QAL	5.71	1.74	0.86	0.0	0.0	6.619	1288.	50.	9.	766.4	27.6	1
817	10	536	37.4595	88.5662	-804.2		QAL	4.67	1.59	0.82	0.0	0.0	5.665	1171.	46.	10.	764.3	27.6	1
818	10	496	37.4596	88.5670	-805.2		MCU	5.01	0.68	0.89	0.0	0.0	5.631	1211.	30.	7.	764.3	27.6	1
819	0	404	37.4596	88.5676	-805.5		MCU	3.19	1.34	0.73	0.421	1.846	4.384	1040.	32.	6.	766.4	27.5	1
820	0	344	37.4596	88.5683	-805.5		MCU	4.62	2.75	0.47	0.597	5.827	9.763	1016.	40.	2.	765.4	27.5	1
821	0	308	37.4596	88.5689	-806.0		MCU	5.54	1.45	0.76	0.261	1.900	7.288	1163.	37.	6.	764.3	27.5	1
822	0	296	37.4596	88.5697	-806.2		MCU	5.52	2.17	0.50	0.393	4.368	11.108	1144.	35.	5.	766.4	27.5	1
823	0	300	37.4596	88.5703	-807.5		MCU	4.42	1.77	0.65	0.401	2.734	6.826	1122.	46.	6.	765.4	27.5	1
824	0	316	37.4596	88.5711	-807.5		MCU	4.01	3.37	0.70	0.840	4.817	5.736	1199.	36.	3.	763.8	27.5	1
825	0	324	37.4596	88.5717	-807.7		MCU	6.07	1.48	0.70	0.244	2.115	8.670	1215.	32.	4.	765.4	27.4	1
826	0	328	37.4596	88.5724	-809.0		MCU	5.13	1.79	0.71	0.350	2.526	7.226	1138.	50.	1.	765.4	27.5	1
827	0	340	37.4596	88.5731	-808.5		MCU	5.98	2.57	0.77	0.430	3.334	7.750	1194.	42.	1.	764.3	27.5	1
828	0	372	37.4596	88.5738	-809.7		MCU	7.68	3.21	0.64	0.418	5.020	12.014	1401.	42.	0.	765.4	27.4	1
829	0	396	37.4596	88.5745	-810.0		MCU	5.63	3.85	0.61	0.684	6.271	9.167	1375.	45.	1.	765.4	27.5	1
830	0	408	37.4596	88.5752	-809.5		MCU	4.98	4.18	0.92	0.838	4.550	5.429	1531.	45.	0.	763.8	27.5	1
831	0	412	37.4596	88.5758	-810.2		MCU	6.19	5.08	0.91	0.820	5.601	6.826	1507.	34.	0.	765.4	27.4	1
832	0	420	37.4596	88.5765	-810.7		MCU	9.01	2.44	0.97	0.270	2.522	9.333	1461.	42.	0.	764.3	27.4	1
833	0	428	37.4596	88.5772	-809.7		MCU	7.03	2.49	1.04	0.355	2.398	6.759	1543.	40.	3.	762.8	27.4	1
834	0	432	37.4596	88.5779	-810.5		MCU	5.26	3.88	0.81	0.739	4.778	6.469	1466.	44.	0.	764.3	27.4	1
835	0	440	37.4597	88.5786	-811.2		MCU	7.31	2.64	0.93	0.361	2.828	7.836	1602.	32.	7.	764.3	27.4	1
836	0	440	37.4597	88.5793	-811.5		MCU	6.26	3.65	1.05	0.583	3.494	5.993	1538.	34.	5.	762.8	27.4	1
837	0	444	37.4597	88.5799	-812.7		MCU	7.98	2.77	0.96	0.347	2.880	8.294	1556.	40.	7.	764.3	27.4	1
838	0	452	37.4597	88.5806	-812.7		MCU	4.81	4.47	0.82	0.928	5.462	5.884	1523.	53.	8.	764.3	27.4	1
839	0	468	37.4597	88.5813	-813.5		MCU	7.98	3.18	1.05	0.398	3.029	7.610	1573.	39.	7.	762.8	27.4	1
840	10	472	37.4597	88.5820	-814.5		MCU	8.58	1.04	0.96	0.0	0.0	8.980	1638.	37.	9.	764.3	27.4	1
841	10	460	37.4597	88.5827	-814.2		MCU	10.19	0.16	1.17	0.0	0.0	8.691	1556.	46.	7.	764.3	27.5	1
842	10	452	37.4597	88.5834	-813.7		MCU	7.37	1.35	1.08	0.0	0.0	6.810	1450.	41.	7.	762.8	27.4	1
843	0	436	37.4597	88.5840	-813.0		MCU	6.90	2.37	1.14	0.343	2.086	6.076	1550.	30.	4.	763.8	27.5	1
844	0	416	37.4597	88.5847	-814.0		MCU	8.33	1.86	1.36	0.223	1.361	6.105	1527.	39.	1.	763.8	27.5	1
845	0	400	37.4597	88.5854	-814.7		MCU	7.27	3.19	0.91	0.438	3.497	7.983	1495.	45.	2.	762.8	27.5	1
846	0	396	37.4597	88.5861	-816.2		MCU	6.34	2.38	1.24	0.375	1.919	5.122	1510.	49.	5.	763.8	27.6	1
847	0	396	37.4597	88.5867	-816.5		MCU	8.65	1.57	1.21	0.181	1.290	7.123	1520.	44.	3.	764.3	27.5	1
848	10	388	37.4597	88.5875	-815.7		MCU	8.94	1.29	1.13	0.0	0.0	7.879	1564.	51.	7.	763.3	27.5	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
849	0	380	37.4597	88.5881	-816.2	MCU	7.88	2.71	1.00	0.344	2.700	7.851	1606.	44.	8.	764.3	27.5	1
850	0	380	37.4597	88.5888	-817.2	MCU	6.98	2.73	1.01	0.391	2.704	6.921	1611.	41.	6.	763.8	27.5	1
851	0	368	37.4597	88.5895	-818.0	MCU	7.88	1.70	0.96	0.216	1.772	8.205	1568.	39.	10.	761.8	27.5	1
852	10	376	37.4597	88.5902	-817.2	MCU	6.23	1.32	1.19	0.0	0.0	5.247	1463.	44.	12.	762.8	27.5	1
853	0	404	37.4598	88.5909	-819.0	MCU	8.08	2.76	1.21	0.341	2.281	6.687	1678.	36.	10.	764.3	27.5	1
854	10	412	37.4598	88.5916	-818.2	MCU	9.72	0.95	1.03	0.0	0.0	9.437	1634.	47.	10.	762.8	27.5	1
855	0	404	37.4598	88.5922	-818.5	MCU	5.68	1.60	1.34	0.281	1.194	4.251	1495.	36.	11.	763.8	27.4	1
856	0	380	37.4598	88.5929	-818.7	MCU	6.90	2.75	1.05	0.399	2.615	6.548	1519.	37.	9.	763.8	27.4	1
857	10	372	37.4598	88.5936	-818.2	MCU	7.07	0.68	0.91	0.0	0.0	7.762	1372.	51.	7.	761.8	27.4	1
858	0	372	37.4598	88.5943	-818.7	MCU	7.49	1.48	0.94	0.198	1.584	8.005	1417.	34.	6.	762.8	27.4	1
859	0	364	37.4598	88.5949	-820.0	MCU	7.45	2.37	0.74	0.318	3.181	10.020	1378.	35.	4.	764.3	27.4	1
860	0	376	37.4598	88.5957	-819.7	MCU	7.11	2.54	0.77	0.357	3.288	9.210	1357.	39.	4.	761.8	27.4	1
861	0	396	37.4598	88.5963	-819.5	MCU	7.04	1.74	0.81	0.247	2.148	8.710	1375.	37.	5.	761.8	27.4	1
862	0	412	37.4598	88.5970	-820.5	MCU	6.86	3.42	0.61	0.498	5.609	11.257	1272.	28.	2.	763.8	27.3	1
863	10	432	37.4598	88.5977	-821.5	MCU	7.74	1.24	0.98	0.0	0.0	7.906	1335.	42.	4.	762.8	27.3	1
864	0	452	37.4598	88.5984	-822.0	MCU	5.20	2.03	0.88	0.389	2.315	5.945	1311.	38.	4.	762.8	27.3	1
865	0	444	37.4598	88.5990	-823.0	MCU	4.05	3.22	0.96	0.794	3.353	4.220	1252.	43.	0.	764.3	27.3	1
866	0	424	37.4598	88.5997	-823.5	MCU	5.04	2.55	0.87	0.506	2.920	5.775	1224.	40.	1.	762.8	27.2	1
867	10	400	37.4598	88.6004	-824.0	MCU	7.62	0.82	0.89	0.0	0.0	8.549	1324.	34.	3.	761.8	27.3	1
868	0	404	37.4598	88.6011	-824.5	MCU	6.08	2.91	0.88	0.479	3.302	6.889	1381.	35.	3.	763.8	27.3	1
869	0	408	37.4598	88.6018	-825.7	MCU	6.70	3.77	0.71	0.563	5.333	9.478	1369.	40.	5.	762.8	27.2	1
870	0	416	37.4599	88.6026	-824.5	MCU	6.96	3.18	0.84	0.457	3.770	8.240	1466.	40.	7.	761.8	27.2	1
871	10	456	37.4599	88.6031	-825.2	MCU	8.03	1.63	1.56	0.0	0.0	5.165	1683.	47.	13.	763.8	27.2	1
872	10	464	37.4599	88.6039	-825.2	MCU	7.15	1.68	1.04	0.0	0.0	6.867	1667.	40.	15.	762.8	27.2	1
873	10	476	37.4599	88.6045	-825.0	MCU	8.39	1.42	0.84	0.0	0.0	10.030	1675.	35.	18.	761.2	27.1	1
874	10	476	37.4599	88.6053	-825.2	MCU	7.07	0.82	1.36	0.0	0.0	5.194	1596.	36.	18.	763.3	27.1	1
875	10	484	37.4599	88.6059	-826.5	MCU	8.95	0.32	1.25	0.0	0.0	7.180	1629.	49.	17.	762.8	27.1	1
876	0	496	37.4599	88.6066	-827.2	MCU	5.89	2.39	0.99	0.406	2.405	5.929	1679.	34.	19.	760.7	27.1	1
877	10	508	37.4599	88.6073	-827.2	MCU	7.23	1.04	1.11	0.0	0.0	6.534	1687.	46.	19.	761.8	27.1	1
878	10	512	37.4599	88.6080	-828.0	MCU	9.48	-0.68	1.31	0.0	0.0	7.254	1596.	40.	18.	761.2	27.1	1
879	0	516	37.4599	88.6087	-827.7	MCU	9.58	2.62	0.98	0.273	2.675	9.780	1660.	37.	13.	761.2	27.1	1
880	10	520	37.4599	88.6094	-828.5	MCU	10.10	0.27	1.38	0.0	0.0	7.319	1723.	33.	16.	762.8	27.1	1
881	10	516	37.4599	88.6100	-829.0	MCU	7.56	1.83	1.17	0.0	0.0	6.463	1633.	36.	13.	761.8	27.1	1
882	0	516	37.4599	88.6107	-829.5	MCU	6.98	2.24	1.24	0.321	1.808	5.633	1634.	37.	14.	761.2	27.1	1
883	0	512	37.4599	88.6114	-829.7	MCU	8.14	2.76	1.15	0.339	2.393	7.057	1678.	45.	11.	762.3	27.1	1
884	0	504	37.4599	88.6121	-830.2	MCU	9.20	3.06	1.20	0.332	2.546	7.662	1616.	53.	6.	762.3	27.0	1
885	10	508	37.4599	88.6128	-831.5	MCU	10.02	0.58	0.99	0.0	0.0	10.078	1612.	43.	13.	762.8	27.0	1
886	0	500	37.4599	88.6135	-831.2	MCU	8.77	2.44	1.08	0.279	2.272	8.149	1667.	34.	10.	762.3	27.0	1
887	0	496	37.4599	88.6141	-832.0	MCU	7.00	2.96	1.18	0.423	2.501	5.918	1629.	44.	7.	761.2	27.0	1
888	0	492	37.4599	88.6148	-831.5	MCU	6.06	3.80	1.05	0.627	3.614	5.763	1581.	40.	10.	762.8	27.0	1
889	0	488	37.4600	88.6155	-830.2	MCU	8.22	2.42	0.98	0.295	2.468	8.366	1579.	37.	9.	762.8	27.0	1
890	0	488	37.4600	88.6162	-832.0	MCU	5.91	2.69	1.06	0.455	2.540	5.580	1629.	41.	9.	762.3	27.1	1
891	0	484	37.4600	88.6169	-832.7	MCU	9.24	4.39	0.98	0.475	4.478	9.418	1656.	34.	8.	763.3	27.0	1
892	0	484	37.4600	88.6175	-833.0	MCU	6.59	2.88	1.13	0.437	2.534	5.804	1554.	44.	12.	763.3	27.1	1
893	10	480	37.4600	88.6182	-833.2	MCU	5.85	1.59	1.08	0.0	0.0	5.403	1624.	35.	12.	762.8	27.1	1
894	0	452	37.4600	88.6189	-834.2	MCU	6.63	2.38	0.97	0.359	2.446	6.823	1452.	41.	11.	763.3	27.1	1
895	0	448	37.4600	88.6196	-835.7	MCU	7.44	1.96	1.03	0.264	1.909	7.232	1454.	25.	12.	762.8	27.1	1
896	10	456	37.4600	88.6202	-836.0	MCU	5.22	0.90	0.89	0.0	0.0	5.893	1418.	46.	13.	762.8	27.1	1
897	0	460	37.4600	88.6210	-837.0	MCU	6.70	2.27	0.83	0.339	2.721	8.027	1392.	34.	13.	763.3	27.1	1
898	10	488	37.4600	88.6216	-836.5	MCU	4.78	0.84	1.51	0.0	0.0	3.166	1411.	35.	13.	762.8	27.1	1
899	10	460	37.4600	88.6223	-836.5	MCU	5.88	0.45	0.61	0.0	0.0	9.696	1177.	48.	12.	763.3	27.1	1
900	0	464	37.4600	88.6230	-837.5	MCU	5.27	3.36	0.71	0.636	4.746	7.458	1245.	40.	6.	762.8	27.2	1
901	0	460	37.4600	88.6237	-838.7	MCU	5.43	2.10	0.63	0.386	3.305	8.563	1188.	45.	5.	762.8	27.2	1

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
902	0	480	37.4600	88.6244	-838.2	MCU	6.13	3.95	0.66	0.645	5.944	9.217	1230.	38.	1.	763.3	27.2	1
903	0	524	37.4600	88.6250	-838.7	QAL	5.21	1.63	1.03	0.313	1.578	5.042	1211.	46.	3.	763.8	27.2	1
904	0	588	37.4600	88.6257	-839.5	QAL	8.21	3.07	1.14	0.374	2.698	7.219	1522.	36.	3.	763.8	27.3	1
905	0	592	37.4601	88.6264	-840.5	QAL	7.78	3.96	0.89	0.509	4.432	8.702	1367.	37.	0.	762.8	27.3	1
906	0	588	37.4601	88.6271	-841.0	QAL	7.51	2.04	1.41	0.272	1.452	5.334	1444.	35.	1.	763.3	27.3	1
907	10	584	37.4601	88.6278	-840.7	QAL	9.21	1.46	1.09	0.0	0.0	8.473	1400.	30.	5.	762.8	27.3	1
908	0	580	37.4601	88.6284	-842.0	QAL	5.94	2.75	1.31	0.463	2.100	4.537	1349.	34.	8.	762.8	27.3	1
909	10	568	37.4601	88.6292	-841.5	QAL	5.07	1.85	0.91	0.0	0.0	5.595	1289.	40.	13.	763.8	27.3	1
910	10	548	37.4601	88.6298	-841.2	QAL	7.11	-0.39	0.75	0.0	0.0	9.544	1256.	34.	11.	763.3	27.4	1
911	10	512	37.4601	88.6305	-842.0	QAL	6.08	1.19	1.01	0.0	0.0	5.989	1307.	40.	9.	763.8	27.4	1
912	10	512	37.4601	88.6312	-842.7	MCU	6.25	0.77	1.00	0.0	0.0	6.231	1303.	47.	13.	764.3	27.4	1
913	0	496	37.4601	88.6319	-842.7	MCU	5.98	2.17	0.75	0.363	2.910	8.022	1290.	34.	8.	762.8	27.4	1
914	10	504	37.4601	88.6326	-842.5	MCU	4.03	1.67	0.76	0.0	0.0	5.295	1199.	40.	12.	763.8	27.4	1
915	0	524	37.4601	88.6332	-843.2	MCU	6.35	2.39	0.95	0.376	2.523	6.718	1331.	39.	6.	763.8	27.4	1
916	0	560	37.4601	88.6339	-844.7	MCU	4.63	3.13	1.20	0.675	2.609	3.865	1476.	34.	4.	763.3	27.4	1
917	0	556	37.4601	88.6346	-845.0	MCU	4.60	2.89	1.14	0.627	2.538	4.047	1435.	41.	2.	764.9	27.4	1
918	0	552	37.4601	88.6353	-844.7	MCU	5.91	2.23	1.05	0.377	2.121	5.626	1491.	29.	2.	764.3	27.3	1
919	0	548	37.4601	88.6360	-846.7	QAL	7.46	3.34	0.60	0.448	5.589	12.481	1348.	43.	0.	764.3	27.3	1
920	0	544	37.4601	88.6366	-846.5	QAL	6.26	2.09	0.93	0.333	2.233	6.705	1440.	40.	2.	765.4	27.3	1
921	0	540	37.4601	88.6374	-846.5	QAL	6.60	2.48	0.89	0.375	2.780	7.410	1427.	31.	5.	764.9	27.3	1
922	0	536	37.4601	88.6380	-847.7	QAL	7.11	3.39	0.88	0.477	3.839	8.050	1537.	35.	7.	764.9	27.3	1
923	10	528	37.4601	88.6387	-848.7	QAL	7.33	1.20	1.14	0.0	0.0	6.435	1433.	43.	7.	764.3	27.3	1
924	0	520	37.4601	88.6394	-848.5	QAL	8.23	2.18	0.96	0.265	2.263	8.546	1667.	27.	10.	763.8	27.3	1
925	10	512	37.4601	88.6401	-848.7	QAL	5.29	1.71	0.91	0.0	0.0	5.815	1506.	36	11.	765.4	27.3	1
926	0	508	37.4601	88.6407	-849.0	QAL	4.96	3.43	1.06	0.692	3.248	4.695	1454.	41.	11.	765.4	27.4	1
927	0	500	37.4601	88.6415	-850.0	QAL	6.33	2.04	1.05	0.323	1.949	6.035	1460.	46.	8.	765.4	27.4	1
928	0	492	37.4601	88.6421	-850.5	QAL	4.78	4.10	0.78	0.857	5.248	6.125	1375.	43.	9.	766.4	27.4	1
929	0	484	37.4601	88.6429	-851.7	QAL	6.73	2.88	1.02	0.428	2.816	6.579	1513.	25.	6.	765.4	27.5	1
930	10	480	37.4601	88.6435	-852.2	QAL	8.94	1.64	1.07	0.0	0.0	8.348	1403.	31.	6.	765.9	27.5	1
931	0	476	37.4602	88.6442	-853.0	QAL	6.54	3.35	0.77	0.512	4.364	8.528	1345.	42.	6.	766.9	27.6	1
932	0	476	37.4602	88.6449	-854.0	QAL	8.78	3.75	0.86	0.427	4.353	10.204	1488.	44.	4.	765.9	27.7	1
933	0	472	37.4602	88.6456	-854.7	QAL	5.87	3.43	0.83	0.584	4.121	7.053	1482.	49.	7.	766.4	27.6	1
934	0	464	37.4602	88.6462	-855.0	QAL	6.90	2.65	1.29	0.383	2.059	5.370	1518.	45.	4.	766.4	27.6	1
935	0	460	37.4602	88.6470	-854.5	QAL	6.75	3.30	1.00	0.489	3.305	6.753	1514.	48.	6.	765.9	27.6	1
936	0	452	37.4602	88.6476	-855.5	QAL	4.57	3.70	1.05	0.811	3.518	4.337	1497.	46.	6.	766.9	27.6	1
937	0	452	37.4602	88.6483	-856.7	QAL	8.17	2.24	1.02	0.274	2.195	8.009	1580.	32.	8.	766.9	27.7	1
938	0	424	37.4602	88.6490	-856.2	QAL	6.89	1.97	0.90	0.286	2.180	7.612	1374.	52.	8.	766.9	27.7	1
939	0	380	37.4602	88.6497	-857.7	QAL	5.77	1.92	1.10	0.333	1.750	5.256	1374.	40.	8.	766.4	27.8	1
940	0	400	37.4602	88.6504	-858.2	QAL	5.63	2.12	1.04	0.376	2.041	5.431	1401.	42.	7.	765.4	27.8	1
941	10	444	37.4602	88.6511	-858.2	QAL	7.84	1.22	1.07	0.0	0.0	7.350	1464.	38.	7.	765.4	27.8	1
942	0	436	37.4602	88.6517	-858.2	QAL	6.21	2.36	0.92	0.380	2.580	6.786	1466.	40.	8.	765.9	27.8	1
943	0	424	37.4602	88.6524	-860.7	QAL	4.89	3.15	0.96	0.645	3.284	5.089	1454.	35.	9.	766.4	27.8	1
944	0	384	37.4602	88.6531	-861.2	QAL	4.60	2.93	0.74	0.636	3.942	6.198	1317.	33.	9.	766.4	27.8	1
945	0	364	37.4602	88.6538	-861.2	QAL	6.70	1.63	0.88	0.244	1.859	7.620	1325.	35.	6.	765.9	27.8	1
946	0	364	37.4602	88.6545	-862.7	QAL	5.47	2.49	0.79	0.456	3.156	6.923	1342.	46.	4.	765.9	27.8	1
947	0	416	37.4602	88.6552	-863.0	QAL	6.77	1.88	0.93	0.278	2.021	7.281	1502.	39.	8.	766.4	27.8	1
948	0	420	37.4602	88.6558	-862.7	QAL	6.12	1.84	1.16	0.300	1.589	5.295	1517.	47.	6.	766.4	27.8	1
949	0	416	37.4602	88.6565	-862.5	QAL	7.37	2.96	0.79	0.401	3.723	9.278	1453.	34.	8.	766.4	27.8	1
950	0	388	37.4602	88.6572	-864.0	QAL	5.22	3.12	0.93	0.597	3.336	5.585	1439.	45.	12.	766.4	27.8	1
951	0	376	37.4602	88.6579	-865.0	QAL	6.19	1.74	1.10	0.281	1.579	5.627	1388.	31.	9.	766.9	27.8	1
952	10	356	37.4602	88.6586	-865.2	QAL	6.57	1.08	1.10	0.0	0.0	5.977	1378.	38.	12.	766.4	27.8	1
953	0	348	37.4602	88.6593	-866.7	QAL	5.82	1.50	1.11	0.258	1.357	5.266	1481.	46.	8.	766.9	27.8	1
954	0	384	37.4602	88.6599	-867.5	QAL	6.60	3.51	0.86	0.532	4.068	7.654	1620.	40.	7.	767.4	27.8	1

* TAGS			* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
955	0	388	37.4602	88.6606	-867.7	QAL	7.56	3.09	0.89	0.408	3.470	8.503	1540.	45.	6.	766.9	27.8	1
956	0	392	37.4602	88.6613	-867.5	QAL	7.37	2.84	1.08	0.386	2.622	6.800	1581.	44.	5.	767.4	27.8	1
957	0	404	37.4603	88.6620	-869.0	QAL	6.44	5.01	1.13	0.777	4.447	5.722	1648.	26.	4.	766.9	27.8	1
958	0	412	37.4603	88.6627	-868.5	QAL	7.84	2.47	1.35	0.315	1.823	5.790	1605.	43.	3.	766.4	27.8	1
959	10	428	37.4603	88.6634	-869.5	QAL	9.42	1.44	1.21	0.0	0.0	7.808	1578.	33.	3.	766.9	27.8	1
960	0	432	37.4603	88.6640	-871.2	QAL	5.85	4.35	1.04	0.742	4.172	5.620	1587.	37.	2.	767.4	27.8	1
961	0	432	37.4603	88.6647	-871.5	QAL	5.34	2.19	1.03	0.409	2.131	5.212	1544.	38.	5.	768.0	27.7	1
962	0	432	37.4603	88.6654	-870.5	QAL	5.13	3.37	1.02	0.658	3.321	5.046	1523.	43.	7.	768.0	27.7	1
963	0	436	37.4603	88.6661	-870.0	QAL	5.06	2.50	0.93	0.494	2.680	5.420	1389.	42.	11.	768.0	27.8	1
964	0	436	37.4603	88.6668	-871.0	QAL	7.80	1.92	0.84	0.247	2.277	9.226	1421.	37.	10.	767.4	27.8	1
965	10	432	37.4603	88.6675	-872.2	QAL	4.72	1.15	1.35	0.0	0.0	3.486	1518.	34.	10.	767.4	27.7	1
966	10	412	37.4603	88.6681	-871.7	QAL	6.68	1.50	1.16	0.0	0.0	5.765	1458.	48.	12.	767.4	27.8	1
967	0	396	37.4603	88.6688	-871.7	QAL	5.56	2.54	0.89	0.457	2.849	6.231	1485.	35.	8.	766.9	27.8	1
968	10	396	37.4603	88.6695	-873.5	MCU	6.25	0.41	1.09	0.0	0.0	5.751	1442.	35.	14.	767.4	27.8	1
969	0	384	37.4603	88.6702	-873.2	MCU	7.55	3.20	0.97	0.425	3.310	7.792	1563.	36.	7.	768.0	27.8	1
970	10	380	37.4603	88.6709	-872.5	MCU	7.52	1.45	1.10	0.0	0.0	6.816	1509.	46.	9.	766.9	27.8	1
971	10	384	37.4603	88.6716	-872.7	MCU	7.30	1.25	1.24	0.0	0.0	5.882	1616.	32.	7.	766.9	27.7	1
972	0	392	37.4603	88.6722	-873.0	MCU	7.50	1.92	0.99	0.256	1.946	7.606	1594.	39.	11.	766.4	27.8	1
973	0	396	37.4603	88.6729	-873.2	MCU	6.50	2.50	1.14	0.385	2.195	5.705	1629.	39.	10.	766.9	27.8	1
974	0	412	37.4603	88.6736	-875.0	MCU	5.61	3.50	1.09	0.625	3.203	5.129	1667.	38.	9.	768.0	27.8	1
975	0	428	37.4604	88.6743	-875.5	MCU	6.08	4.07	1.07	0.669	3.806	5.688	1613.	31.	7.	766.9	27.8	1
976	10	444	37.4604	88.6750	-875.5	MCU	8.25	1.44	0.91	0.0	0.0	9.040	1593.	38.	11.	767.4	27.8	1
977	0	456	37.4604	88.6757	-876.7	MCU	5.37	3.10	1.20	0.577	2.575	4.467	1592.	42.	10.	768.0	27.9	1
978	0	448	37.4604	88.6763	-877.0	MCU	6.40	3.19	1.07	0.499	2.978	5.973	1536.	41.	11.	767.4	27.9	1
979	0	444	37.4604	88.6771	-876.5	MCU	7.42	2.48	1.05	0.334	2.357	7.059	1487.	45.	9.	766.4	27.9	1
980	0	432	37.4604	88.6777	-876.7	MCU	5.18	4.53	1.12	0.874	4.040	4.621	1619.	48.	9.	766.4	27.9	1
981	0	424	37.4604	88.6784	-875.5	MCU	6.48	2.27	1.16	0.350	1.955	5.578	1523.	42.	10.	765.9	27.9	1
982	0	424	37.4604	88.6790	-877.0	MCU	7.29	1.66	1.07	0.227	1.542	6.787	1621.	25.	14.	765.9	27.9	1
983	0	432	37.4604	88.6798	-878.7	MCU	9.03	2.54	1.07	0.281	2.362	8.408	1557.	33.	11.	766.4	27.8	1
984	0	432	37.4604	88.6804	-878.5	MCU	8.89	2.14	0.88	0.240	2.429	10.106	1664.	35.	13.	765.9	27.8	1
985	10	428	37.4604	88.6812	-877.7	MCU	8.37	1.12	1.18	0.0	0.0	7.064	1517.	33.	6.	765.4	27.7	1
986	0	424	37.4604	88.6818	-877.2	MCU	7.30	2.28	0.74	0.312	3.074	9.838	1512.	33.	9.	766.9	27.7	1
987	0	428	37.4604	88.6825	-878.5	MCU	8.06	3.87	1.08	0.480	3.588	7.478	1735.	38.	7.	767.4	27.7	1
988	0	408	37.4604	88.6832	-879.2	MCU	6.05	2.14	1.06	0.354	2.017	5.701	1542.	41.	6.	766.9	27.7	1
989	0	396	37.4604	88.6839	-880.2	MCU	8.14	2.65	1.08	0.325	2.445	7.526	1618.	46.	5.	766.4	27.7	1
990	0	396	37.4604	88.6846	-881.2	MCU	7.14	2.65	1.06	0.371	2.499	6.743	1586.	42.	8.	766.4	27.7	1
991	0	396	37.4604	88.6853	-881.2	MCU	6.50	1.60	1.12	0.246	1.429	5.810	1579.	30.	8.	766.9	27.6	1
992	10	388	37.4605	88.6859	-881.2	MCU	5.99	1.32	1.28	0.0	0.0	4.678	1605.	36.	9.	766.4	27.7	1
993	0	384	37.4605	88.6866	-881.2	MCU	6.57	4.23	0.99	0.644	4.256	6.612	1628.	33.	5.	766.9	27.6	1
994	10	384	37.4605	88.6873	-880.7	MCU	11.20	1.18	1.36	0.0	0.0	8.233	1615.	44.	7.	767.4	27.6	1
995	0	380	37.4605	88.6880	-880.7	MCU	7.27	3.09	0.94	0.425	3.282	7.729	1583.	34.	8.	766.4	27.6	1
996	0	376	37.4605	88.6887	-881.2	MCU	8.12	3.54	0.87	0.435	4.053	9.308	1565.	40.	8.	766.4	27.7	1
997	0	376	37.4605	88.6894	-881.2	MCU	6.87	2.75	0.89	0.400	3.085	7.712	1551.	45.	6.	766.9	27.7	1
998	0	376	37.4605	88.6900	-881.7	MCU	7.38	2.48	1.01	0.336	2.462	7.332	1491.	33.	3.	766.4	27.7	1
999	0	368	37.4605	88.6907	-882.0	MCU	6.68	2.22	0.81	0.333	2.748	8.255	1375.	35.	6.	766.9	27.7	1
1000	0	356	37.4605	88.6914	-882.7	MCU	6.12	2.67	0.86	0.436	3.090	7.082	1372.	29.	1.	766.9	27.8	1
1001	0	364	37.4605	88.6921	-883.2	MCU	6.63	2.49	0.88	0.376	2.834	7.545	1442.	37.	4.	766.9	27.7	1
1002	0	408	37.4605	88.6928	-884.0	MCU	8.21	3.40	0.83	0.414	4.076	9.851	1537.	33.	0.	766.4	27.8	1
1003	0	404	37.4605	88.6935	-883.5	MCU	7.28	1.82	1.18	0.251	1.543	6.158	1566.	32.	4.	766.9	27.8	1
1004	0	400	37.4605	88.6941	-882.2	MCU	6.63	3.43	1.12	0.517	3.048	5.901	1582.	49.	3.	766.4	27.8	1
1005	0	396	37.4605	88.6948	-882.7	MCU	8.92	1.65	1.02	0.185	1.615	8.750	1505.	38.	6.	766.4	27.8	1
1006	0	388	37.4605	88.6955	-881.5	MCU	9.94	2.93	1.35	0.295	2.174	7.370	1635.	27.	1.	765.9	27.8	1
1007	0	392	37.4605	88.6962	-882.0	MCU	5.33	3.09	0.93	0.580	3.307	5.704	1473.	38.	5.	765.4	27.8	1

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TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1008	0	396	37.4605	88.6969	-883.0	MCU	6.92	4.47	0.80	0.645	5.556	8.608	1454.	32.	6.	765.9	27.8	1
1009	0	404	37.4605	88.6975	-883.5	MCU	6.20	1.61	1.02	0.259	1.572	6.060	1427.	33.	8.	766.4	27.7	1
1010	0	408	37.4605	88.6982	-879.2	MCU	6.39	2.76	1.15	0.432	2.406	5.570	1331.	35.	6.	765.9	27.7	1
1011	0	408	37.4605	88.6989	-875.5	MCU	5.00	2.06	0.93	0.413	2.219	5.376	1316.	34.	7.	765.9	27.7	1
1012	0	420	37.4605	88.6996	-878.0	MCU	5.58	2.47	0.91	0.443	2.727	6.154	1339.	48.	6.	765.9	27.6	1
1013	0	428	37.4604	88.7004	-883.5	MCU	6.54	2.75	0.89	0.421	3.096	7.358	1243.	35.	0.	766.4	27.6	1
1014	10	440	37.4604	88.7011	-886.2	MCU	4.67	0.73	0.65	0.0	0.0	7.202	1180.	45.	10.	765.9	27.6	1
1015	0	444	37.4605	88.7018	-886.2	MCU	5.05	3.11	0.53	0.616	5.851	9.492	1317.	37.	6.	765.9	27.5	1
1016	0	444	37.4604	88.7025	-887.7	MCU	5.27	2.90	1.03	0.550	2.812	5.117	1398.	48.	8.	765.9	27.5	1
1017	0	452	37.4604	88.7032	-886.5	MCU	8.29	1.90	0.82	0.229	2.310	10.100	1471.	33.	7.	765.4	27.5	1
1018	10	468	37.4604	88.7040	-886.7	MCU	6.51	1.36	1.13	0.0	0.0	5.755	1474.	31.	9.	766.4	27.6	1
1019	10	480	37.4604	88.7047	-888.0	MCU	6.02	1.72	0.94	0.0	0.0	6.413	1487.	39.	14.	765.9	27.5	1
1020	10	496	37.4603	88.7054	-887.7	MCU	10.15	0.56	0.81	0.0	0.0	12.559	1502.	42.	14.	765.4	27.5	1
1021	0	512	37.4604	88.7061	-887.0	MCU	7.53	2.17	1.15	0.287	1.876	6.525	1610.	35.	12.	766.4	27.5	1
1022	10	516	37.4604	88.7068	-888.0	MCU	6.09	0.30	1.44	0.0	0.0	4.237	1436.	49.	17.	764.9	27.5	1
1023	0	508	37.4603	88.7076	-889.0	QAL	6.81	2.02	1.19	0.297	1.693	5.707	1470.	42.	15.	764.9	27.4	1
1024	10	508	37.4603	88.7083	-888.5	QAL	5.69	0.45	1.15	0.0	0.0	4.941	1414.	34.	18.	766.4	27.5	1
1025	10	512	37.4603	88.7090	-889.0	QAL	7.72	0.72	0.89	0.0	0.0	8.642	1489.	46.	18.	765.4	27.5	1
1026	10	508	37.4602	88.7098	-889.5	QAL	4.93	-0.45	1.17	0.0	0.0	4.215	1446.	46.	18.	765.9	27.6	1
1027	10	508	37.4602	88.7105	-889.7	QAL	6.56	1.49	0.90	0.0	0.0	7.316	1419.	32.	14.	766.4	27.5	1
1028	0	508	37.4602	88.7112	-889.5	QAL	7.11	2.13	0.69	0.299	3.064	10.241	1446.	45.	10.	765.4	27.5	1
1029	10	508	37.4602	88.7119	-889.7	QAL	5.96	0.37	1.08	0.0	0.0	5.519	1413.	46.	10.	765.9	27.5	1
1030	0	468	37.4602	88.7127	-890.5	QAL	6.26	3.99	0.92	0.637	4.334	6.804	1324.	34.	4.	766.4	27.5	1
1031	0	396	37.4602	88.7133	-890.2	QAL	5.16	2.18	0.89	0.422	2.457	5.823	1271.	44.	2.	766.4	27.5	1
1032	0	400	37.4602	88.7141	-890.5	QAL	7.55	2.68	0.77	0.354	3.493	9.858	1304.	33.	0.	766.4	27.5	1
1033	0	420	37.4601	88.7148	-891.2	MCU	5.98	4.56	1.10	0.763	4.162	5.457	1594.	37.	0.	765.9	27.5	1
1034	0	416	37.4601	88.7155	-890.2	MCU	8.58	2.37	1.18	0.276	2.011	7.292	1632.	41.	0.	765.4	27.5	1
1035	0	412	37.4601	88.7163	-889.2	MCU	8.74	4.07	1.14	0.465	3.579	7.696	1712.	38.	0.	766.4	27.5	1
1036	0	416	37.4601	88.7170	-891.5	MCU	8.63	3.10	1.06	0.359	2.936	8.174	1663.	37.	0.	765.9	27.5	1
1037	0	420	37.4601	88.7177	-891.7	MCU	5.33	2.47	1.25	0.463	1.977	4.270	1574.	45.	6.	765.9	27.5	1
1038	0	424	37.4601	88.7184	-891.0	MCU	9.46	3.64	1.08	0.385	3.374	8.772	1663.	41.	5.	766.4	27.5	1
1039	0	416	37.4601	88.7191	-892.5	MCU	6.92	2.26	1.34	0.327	1.693	5.181	1681.	34.	4.	765.9	27.6	1
1040	0	416	37.4600	88.7198	-892.2	MCU	9.26	2.16	1.19	0.233	1.808	7.760	1627.	43.	5.	766.4	27.6	1
1041	0	416	37.4601	88.7206	-893.0	MCU	7.49	3.92	1.24	0.524	3.167	6.050	1611.	42.	5.	766.4	27.6	1
1042	0	412	37.4601	88.7213	-893.5	MCU	7.34	3.81	1.05	0.519	3.628	6.985	1689.	32.	7.	765.4	27.6	1
1043	0	408	37.4600	88.7220	-891.7	MCU	9.24	2.56	0.99	0.278	2.585	9.310	1657.	30.	4.	766.4	27.6	1
1044	0	408	37.4600	88.7227	-893.0	MCU	7.19	4.38	0.80	0.610	5.491	9.005	1625.	41.	8.	765.9	27.6	1
1045	0	412	37.4600	88.7234	-893.7	MCU	7.02	2.38	1.13	0.338	2.109	6.233	1624.	38.	8.	765.4	27.6	1
1046	0	420	37.4600	88.7242	-893.0	MCU	7.38	2.27	1.03	0.308	2.199	7.147	1645.	39.	12.	765.9	27.6	1
1047	10	432	37.4599	88.7249	-893.2	MCU	8.19	1.46	1.27	0.0	0.0	6.470	1623.	35.	9.	765.4	27.6	1
1048	0	436	37.4599	88.7256	-893.5	MCU	7.09	2.74	0.86	0.387	3.175	8.212	1440.	40.	8.	765.9	27.6	1
1049	10	408	37.4599	88.7263	-892.0	MCU	6.71	1.09	0.75	0.0	0.0	8.948	1259.	39.	9.	765.9	27.5	1
1050	0	420	37.4599	88.7270	-892.7	MCU	5.41	2.56	0.94	0.472	2.721	5.761	1283.	32.	7.	765.4	27.5	1
1051	0	384	37.4599	88.7277	-893.2	MCU	3.03	2.25	0.98	0.742	2.291	3.088	1255.	51.	7.	765.4	27.5	1
1052	10	404	37.4599	88.7285	-893.2	MCU	5.38	0.54	0.93	0.0	0.0	5.801	1385.	42.	11.	764.9	27.5	1
1053	0	424	37.4598	88.7292	-894.2	MCU	7.19	2.68	1.13	0.373	2.369	6.358	1537.	44.	9.	764.9	27.5	1
1054	10	440	37.4598	88.7299	-894.5	MCU	8.71	1.66	1.21	0.0	0.0	7.190	1641.	37.	11.	764.9	27.5	1
1055	10	428	37.4598	88.7306	-894.0	MCU	8.26	1.02	1.24	0.0	0.0	6.674	1666.	44.	12.	765.4	27.5	1
1056	0	416	37.4598	88.7313	-895.5	MCU	7.63	2.15	1.11	0.281	1.937	6.886	1609.	48.	12.	766.9	27.5	1
1057	0	404	37.4598	88.7321	-896.0	MCU	6.60	1.67	1.26	0.253	1.325	5.228	1627.	43.	10.	765.9	27.5	1
1058	0	404	37.4598	88.7328	-896.0	MCU	5.29	3.10	1.01	0.586	3.067	5.235	1457.	43.	8.	765.4	27.5	1
1059	10	412	37.4598	88.7335	-898.0	MCU	6.74	1.12	0.99	0.0	0.0	6.785	1424.	41.	9.	766.4	27.5	1
1060	10	392	37.4597	88.7342	-896.7	MCU	7.08	0.93	0.86	0.0	0.0	8.253	1156.	40.	11.	765.9	27.6	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1061	0	408	37.4597	88.7349	-897.0		QAL	5.12	1.61	0.82	0.314	1.954	6.219	1172.	43.	8.	764.9	27.6	1
1062	0	440	37.4597	88.7357	-898.2		QAL	4.49	3.11	0.65	0.693	4.810	6.945	1310.	31.	8.	766.4	27.6	1
1063	0	468	37.4597	88.7364	-897.2		QAL	7.09	2.86	0.88	0.404	3.238	8.015	1366.	29.	8.	765.9	27.6	1
1064	0	528	37.4597	88.7371	-896.7		QAL	8.23	1.98	1.10	0.240	1.792	7.463	1540.	32.	8.	764.9	27.5	1
1065	0	532	37.4597	88.7378	-897.2		QAL	6.57	2.09	0.83	0.317	2.509	7.907	1466.	41.	11.	765.4	27.5	1
1066	0	532	37.4597	88.7385	-898.0		QAL	7.54	3.46	0.64	0.459	5.386	11.724	1470.	43.	7.	765.4	27.5	1
1067	0	532	37.4596	88.7392	-897.5		QAL	5.61	3.31	1.12	0.589	2.950	5.007	1451.	33.	9.	765.4	27.5	1
1068	10	528	37.4596	88.7400	-897.0		QAL	6.33	-0.40	1.14	0.0	0.0	5.567	1489.	41.	15.	765.4	27.4	1
1069	0	524	37.4596	88.7407	-897.0		QAL	6.34	3.53	0.70	0.556	5.035	9.050	1463.	33.	15.	764.9	27.4	1
1070	0	492	37.4595	88.7414	-897.0		QAL	5.08	4.36	0.81	0.858	5.355	6.238	1357.	48.	12.	764.9	27.4	1
1071	0	440	37.4595	88.7422	-897.2		MCU	4.74	2.61	0.84	0.550	3.109	5.652	1206.	57.	11.	765.4	27.4	1
1072	0	396	37.4595	88.7429	-897.2		MCU	4.39	2.01	0.59	0.459	3.400	7.409	1191.	38.	10.	764.9	27.5	1
1073	0	364	37.4595	88.7436	-897.2		MCU	4.41	1.99	0.75	0.451	2.658	5.895	1170.	45.	9.	765.4	27.5	1
1074	0	372	37.4595	88.7444	-897.0		MCU	6.83	2.29	0.90	0.335	2.552	7.625	1449.	45.	7.	765.4	27.4	1
1075	0	360	37.4595	88.7450	-898.0		MCU	6.92	1.67	1.23	0.241	1.356	5.631	1523.	49.	8.	764.9	27.4	1
1076	0	356	37.4595	88.7458	-898.7		MCU	8.09	1.86	1.20	0.230	1.554	6.745	1637.	49.	4.	764.9	27.5	1
1077	0	368	37.4595	88.7465	-898.7		MCU	4.97	3.38	1.10	0.680	3.076	4.522	1591.	29.	4.	765.4	27.5	1
1078	0	388	37.4595	88.7472	-898.7		MCU	6.27	2.21	0.99	0.352	2.242	6.366	1508.	35.	5.	765.4	27.6	1
1079	0	368	37.4595	88.7479	-899.0		MCU	7.17	2.42	0.92	0.337	2.626	7.783	1302.	37.	4.	764.9	27.6	1
1080	0	380	37.4594	88.7487	-897.2		MCU	6.17	2.98	0.75	0.482	3.943	8.177	1313.	36.	7.	764.9	27.6	1
1081	0	404	37.4594	88.7494	-898.5		MCU	6.02	3.07	0.75	0.511	4.104	8.032	1295.	36.	5.	764.3	27.6	1
1082	0	384	37.4594	88.7501	-900.2		QAL	5.26	1.76	0.64	0.334	2.744	8.205	1163.	34.	5.	764.3	27.6	1
1083	10	428	37.4594	88.7508	-899.2		QAL	5.90	0.91	1.06	0.0	0.0	5.573	1263.	46.	9.	764.9	27.6	1
1084	10	500	37.4594	88.7515	-900.0		QAL	7.31	1.35	0.86	0.0	0.0	8.463	1418.	39.	13.	764.9	27.6	1
1085	0	532	37.4594	88.7523	-900.0		QAL	5.45	3.58	0.83	0.657	4.303	6.550	1571.	39.	8.	764.9	27.6	1
1086	0	504	37.4594	88.7530	-899.0		QAL	5.25	2.19	1.05	0.417	2.084	5.003	1327.	53.	10.	765.4	27.6	1
1087	10	536	37.4593	88.7537	-900.2		QAL	5.94	0.69	1.27	0.0	0.0	4.667	1497.	29.	12.	764.9	27.6	1
1088	0	536	37.4593	88.7544	-900.2		QAL	4.71	3.24	1.18	0.688	2.743	3.988	1541.	41.	11.	765.4	27.6	1
1089	0	492	37.4593	88.7551	-899.7		QAL	7.14	2.12	0.86	0.297	2.455	8.268	1472.	34.	10.	764.9	27.6	1
1090	0	488	37.4593	88.7558	-900.5		QAL	4.72	2.79	0.77	0.592	3.636	6.146	1382.	53.	11.	764.3	27.6	1
1091	0	476	37.4592	88.7566	-902.5		QAL	6.35	1.93	0.92	0.304	2.103	6.909	1390.	46.	9.	765.4	27.5	1
1092	10	484	37.4592	88.7573	-901.5		QAL	5.71	0.81	0.74	0.0	0.0	7.735	1294.	43.	14.	765.9	27.5	1
1093	0	516	37.4592	88.7580	-901.5		QAL	5.71	2.84	0.99	0.497	2.861	5.752	1602.	30.	13.	764.9	27.5	1
1094	0	512	37.4592	88.7587	-901.7		QAL	5.87	2.71	0.87	0.462	3.124	6.756	1448.	45.	11.	764.9	27.5	1
1095	10	500	37.4592	88.7594	-902.2		QAL	7.64	0.31	0.93	0.0	0.0	8.242	1445.	44.	14.	765.9	27.5	1
1096	10	452	37.4592	88.7602	-903.0		QAL	5.89	0.63	0.93	0.0	0.0	6.319	1379.	45.	13.	765.4	27.6	1
1097	10	448	37.4591	88.7609	-903.5		QAL	5.13	1.50	1.03	0.0	0.0	4.999	1318.	45.	12.	764.3	27.6	1
1098	10	452	37.4591	88.7616	-904.0		QAL	5.58	1.07	1.14	0.0	0.0	4.875	1399.	28.	12.	765.4	27.7	1
1099	0	436	37.4591	88.7623	-904.0		QAL	6.09	1.64	1.02	0.269	1.606	5.974	1326.	36.	9.	765.9	27.6	1
1100	0	428	37.4591	88.7630	-904.7		QAL	5.05	2.87	0.73	0.569	3.915	6.881	1316.	35.	11.	764.9	27.6	1
1101	0	428	37.4591	88.7637	-905.0		MCU	6.13	1.78	0.78	0.291	2.275	7.831	1327.	46.	10.	764.9	27.6	1
1102	0	408	37.4591	88.7645	-905.7		MCU	5.65	2.92	0.69	0.517	4.225	8.179	1315.	33.	11.	765.9	27.6	1
1103	0	396	37.4591	88.7652	-906.0		MCU	4.82	1.58	0.93	0.329	1.708	5.200	1386.	40.	10.	765.4	27.6	1
1104	0	376	37.4590	88.7659	-905.0		MCU	6.32	2.36	1.11	0.373	2.127	5.703	1437.	43.	11.	764.3	27.6	1
1105	0	400	37.4590	88.7666	-905.5		MCU	7.05	3.76	0.89	0.534	4.213	7.896	1625.	32.	9.	764.9	27.5	1
1106	0	416	37.4590	88.7673	-906.2		MCU	6.62	3.85	1.22	0.582	3.167	5.446	1747.	46.	11.	765.4	27.5	1
1107	10	412	37.4590	88.7681	-905.0		MCU	8.84	1.12	1.30	0.0	0.0	6.809	1686.	47.	13.	765.4	27.5	1
1108	0	412	37.4590	88.7688	-904.7		MCU	6.30	4.09	1.18	0.649	3.476	5.357	1739.	44.	11.	765.4	27.5	1
1109	0	416	37.4590	88.7695	-905.2		MCU	9.23	3.19	0.96	0.346	3.327	9.627	1753.	30.	12.	766.4	27.5	1
1110	10	424	37.4590	88.7702	-905.5		MCU	6.55	0.49	1.16	0.0	0.0	5.644	1575.	38.	14.	765.4	27.5	1
1111	10	440	37.4589	88.7709	-906.2		MCU	8.75	0.79	1.18	0.0	0.0	7.429	1616.	37.	14.	764.3	27.5	1
1112	10	412	37.4589	88.7717	-906.7		MCU	4.60	1.04	0.97	0.0	0.0	4.752	1289.	50.	17.	764.9	27.5	1
1113	10	404	37.4589	88.7724	-906.7		MCU	7.29	0.47	0.82	0.0	0.0	8.931	1318.	44.	18.	764.9	27.5	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1114	10	408	37.4588	88.7731	-907.5	MCU	8.44	0.88	0.85	0.0	0.0	9.980	1414.	40.	13.	764.9	27.6	1
1115	10	436	37.4589	88.7738	-907.7	MCU	7.30	1.68	1.22	0.0	0.0	6.003	1583.	31.	16.	764.9	27.5	1
1116	0	436	37.4589	88.7746	-907.0	MCU	8.58	2.58	0.87	0.300	2.974	9.908	1675.	42.	12.	764.9	27.6	1
1117	0	444	37.4589	88.7753	-908.0	MCU	7.09	1.94	0.92	0.274	2.107	7.693	1587.	39.	12.	764.3	27.6	1
1118	10	436	37.4588	88.7760	-908.2	MCU	5.28	1.62	1.15	0.0	0.0	4.579	1471.	46.	15.	763.8	27.6	1
1119	0	448	37.4588	88.7767	-908.7	MCU	7.87	1.84	1.19	0.234	1.550	6.635	1638.	36.	12.	764.3	27.6	1
1120	10	440	37.4588	88.7775	-908.2	MCU	7.58	0.84	1.24	0.0	0.0	6.122	1593.	48.	11.	764.9	27.7	1
1121	0	440	37.4587	88.7782	-909.0	MCU	6.57	2.35	1.24	0.358	1.895	5.289	1717.	30.	15.	764.9	27.6	1
1122	0	436	37.4587	88.7789	-909.5	MCU	7.61	3.79	1.09	0.498	3.489	7.005	1747.	41.	9.	764.9	27.6	1
1123	0	440	37.4588	88.7796	-909.2	MCU	4.50	3.94	1.08	0.876	3.635	4.148	1797.	50.	13.	765.4	27.6	1
1124	0	444	37.4587	88.7803	-909.7	MCU	6.96	2.82	1.44	0.405	1.965	4.845	1874.	28.	13.	764.9	27.6	1
1125	10	444	37.4587	88.7811	-909.7	MCU	5.66	1.41	1.20	0.0	0.0	4.714	1621.	49.	13.	764.3	27.6	1
1126	0	448	37.4587	88.7818	-909.0	MCU	8.17	2.77	1.15	0.339	2.397	7.079	1702.	47.	11.	764.9	27.6	1
1127	0	444	37.4587	88.7825	-909.5	MCU	9.27	3.45	0.94	0.373	3.656	9.809	1724.	43.	11.	765.4	27.6	1
1128	0	440	37.4586	88.7832	-909.7	MCU	8.76	2.67	1.06	0.305	2.512	8.228	1670.	38.	9.	765.4	27.5	1
1129	0	448	37.4586	88.7839	-909.7	MCU	6.04	3.09	1.08	0.511	2.858	5.590	1551.	43.	9.	764.9	27.6	1
1130	0	460	37.4586	88.7847	-909.5	MCU	6.68	2.67	1.00	0.400	2.666	6.662	1504.	44.	7.	763.8	27.6	1
1131	10	444	37.4586	88.7854	-911.0	MCU	10.59	0.67	0.94	0.0	0.0	11.247	1378.	42.	8.	764.3	27.6	1
1132	0	432	37.4586	88.7861	-911.2	MCU	5.97	3.21	0.68	0.538	4.704	8.744	1282.	46.	3.	764.9	27.6	1
1133	0	448	37.4586	88.7868	-911.2	MCU	5.20	2.83	0.72	0.543	3.931	7.237	1255.	33.	5.	765.4	27.6	1
1134	0	440	37.4586	88.7875	-911.2	MCU	5.03	1.83	1.07	0.365	1.722	4.723	1273.	34.	5.	764.9	27.6	1
1135	0	424	37.4585	88.7883	-911.2	MCU	5.92	2.95	0.88	0.499	3.338	6.690	1221.	38.	6.	764.9	27.6	1
1136	10	424	37.4585	88.7890	-910.7	MCU	5.68	1.04	0.81	0.0	0.0	7.034	1161.	40.	8.	764.9	27.6	1
1137	0	440	37.4585	88.7897	-910.7	MCU	5.72	2.20	0.62	0.385	3.534	9.172	1223.	49.	6.	764.9	27.7	1
1138	0	432	37.4585	88.7904	-911.5	MCU	4.35	1.87	0.84	0.430	2.224	5.172	1332.	38.	10.	765.4	27.6	1
1139	0	460	37.4585	88.7911	-912.0	MCU	7.75	2.27	0.89	0.293	2.562	8.747	1378.	47.	9.	764.9	27.6	1
1140	0	460	37.4585	88.7918	-911.5	MCU	6.81	3.17	0.90	0.466	3.507	7.530	1602.	35.	8.	764.3	27.6	1
1141	0	464	37.4584	88.7926	-913.2	MCU	8.30	2.45	1.05	0.295	2.324	7.877	1619.	40.	7.	764.9	27.6	1
1142	10	476	37.4584	88.7933	-913.5	MCU	9.08	1.44	1.08	0.0	0.0	8.414	1677.	32.	7.	765.4	27.6	1
1143	0	464	37.4584	88.7940	-912.5	MCU	8.75	2.16	1.38	0.247	1.560	6.319	1702.	42.	9.	764.9	27.6	1
1144	0	452	37.4584	88.7947	-912.7	MCU	8.20	1.74	1.02	0.212	1.708	8.070	1682.	32.	7.	765.4	27.6	1
1145	0	436	37.4584	88.7954	-912.2	MCU	9.31	3.31	1.14	0.355	2.906	8.176	1769.	37.	5.	764.9	27.6	1
1146	0	428	37.4584	88.7962	-912.7	MCU	5.88	4.27	0.93	0.725	4.601	6.346	1597.	23.	7.	765.4	27.6	1
1147	0	428	37.4584	88.7969	-913.5	MCU	7.75	2.34	1.23	0.302	1.896	6.284	1631.	42.	9.	765.4	27.6	1
1148	0	436	37.4583	88.7976	-913.7	MCU	7.77	2.83	0.98	0.364	2.887	7.921	1564.	38.	5.	765.4	27.6	1
1149	0	420	37.4583	88.7983	-913.0	MCU	7.59	3.14	0.73	0.414	4.299	10.375	1396.	55.	8.	765.4	27.5	1
1150	0	448	37.4583	88.7990	-913.0	MCU	7.08	1.97	1.11	0.279	1.774	6.369	1581.	28.	9.	765.4	27.6	1
1151	0	484	37.4583	88.7997	-913.5	MCU	5.65	2.95	1.07	0.523	2.760	5.279	1633.	42.	10.	765.4	27.6	1
1152	0	492	37.4583	88.8005	-912.0	QAL	5.77	2.90	1.06	0.503	2.735	5.440	1591.	49.	6.	764.9	27.6	1
1153	0	492	37.4583	88.8012	-911.5	QAL	8.35	3.19	1.00	0.382	3.177	8.325	1631.	31.	5.	764.9	27.6	1
1154	10	508	37.4583	88.8019	-913.2	QAL	7.23	1.44	1.29	0.0	0.0	5.617	1488.	48.	9.	765.4	27.6	1
1155	0	512	37.4582	88.8026	-912.7	QAL	6.35	4.79	0.82	0.754	5.841	7.742	1502.	49.	5.	765.9	27.6	1
1156	10	512	37.4582	88.8034	-913.0	QAL	5.92	1.03	1.39	0.0	0.0	4.272	1480.	34.	10.	765.4	27.6	1
1157	0	496	37.4582	88.8041	-914.2	QAL	4.25	2.47	1.26	0.580	1.965	3.387	1404.	37.	5.	764.9	27.6	1
1158	0	440	37.4582	88.8048	-914.5	QAL	5.39	2.03	0.84	0.376	2.428	6.452	1306.	44.	7.	764.9	27.6	1
1159	0	416	37.4582	88.8055	-913.2	QAL	4.09	2.87	0.85	0.701	3.366	4.798	1260.	51.	4.	765.4	27.6	1
1160	0	380	37.4582	88.8062	-913.5	QAL	4.24	1.94	0.65	0.457	2.989	6.536	1231.	38.	9.	765.4	27.6	1
1161	0	360	37.4582	88.8070	-914.5	QAL	4.85	1.55	0.78	0.320	1.988	6.217	1193.	42.	12.	765.4	27.6	1
1162	10	372	37.4581	88.8077	-913.7	QAL	5.18	1.38	0.63	0.0	0.0	8.243	1243.	53.	11.	764.9	27.7	1
1163	0	396	37.4581	88.8084	-913.7	QAL	6.70	1.51	0.79	0.226	1.929	8.528	1213.	46.	9.	764.3	27.6	1
1164	0	420	37.4581	88.8092	-914.5	QAL	6.10	1.61	0.61	0.264	2.633	9.968	1282.	35.	14.	764.9	27.6	1
1165	10	440	37.4581	88.8099	-915.0	QAL	6.99	1.24	0.85	0.0	0.0	8.220	1292.	42.	14.	765.9	27.6	1
1166	10	456	37.4581	88.8106	-914.7	QAL	6.48	0.73	1.03	0.0	0.0	6.309	1328.	53.	15.	764.3	27.6	1

*	TAGS		* LOCATION		*		REDUCED DATA												*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1167	10	472	37.4581	88.8113	-915.0		QAL	9.47	0.44	0.85	0.0	0.0	11.188	1393.	39.	13.	764.9	27.6	1
1168	10	476	37.4580	88.8120	-915.0		QAL	5.01	1.21	1.07	0.0	0.0	4.691	1425.	39.	17.	765.9	27.6	1
1169	0	460	37.4580	88.8127	-913.5		MCU	5.79	2.15	1.20	0.371	1.784	4.803	1461.	42.	13.	765.4	27.6	1
1170	0	444	37.4580	88.8135	-914.0		MCU	5.60	2.44	1.02	0.436	2.383	5.463	1482.	34.	11.	765.4	27.6	1
1171	0	396	37.4580	88.8142	-915.7		MCU	6.69	3.51	0.71	0.525	4.935	9.406	1440.	26.	6.	765.4	27.6	1
1172	0	336	37.4579	88.8149	-915.5		MCU	6.64	2.41	1.02	0.362	2.354	6.495	1312.	53.	6.	765.4	27.6	1
1173	0	332	37.4579	88.8156	-913.5		MCU	6.09	3.19	0.86	0.524	3.710	7.084	1309.	37.	1.	765.4	27.6	1
1174	0	344	37.4579	88.8164	-914.2		MCU	5.49	2.65	0.83	0.482	3.201	6.643	1323.	42.	3.	765.4	27.6	1
1175	0	352	37.4579	88.8171	-914.2		MCU	4.86	4.04	0.77	0.831	5.271	6.344	1333.	32.	1.	765.4	27.6	1
1176	0	340	37.4579	88.8178	-914.0		MCU	4.32	2.19	0.87	0.507	2.507	4.941	1261.	48.	6.	765.9	27.6	1
1177	0	356	37.4579	88.8185	-913.7		MCU	6.89	1.90	0.81	0.276	2.357	8.550	1297.	41.	4.	765.9	27.5	1
1178	0	380	37.4579	88.8192	-914.0		MCU	6.40	2.50	0.82	0.390	3.031	7.764	1381.	35.	5.	765.9	27.5	1
1179	0	408	37.4578	88.8199	-913.7		MCU	5.54	2.15	1.00	0.388	2.144	5.530	1462.	44.	7.	765.9	27.5	1
1180	0	392	37.4578	88.8207	-915.0		MCU	6.05	2.21	0.78	0.365	2.837	7.772	1416.	39.	6.	765.9	27.6	1
1181	0	364	37.4578	88.8214	-913.2		MCU	7.28	4.08	0.69	0.561	5.950	10.612	1363.	38.	4.	765.9	27.5	1
1182	10	360	37.4578	88.8221	-912.5		MCU	5.59	0.68	1.19	0.0	0.0	4.678	1361.	44.	10.	765.9	27.5	1
1183	0	372	37.4578	88.8228	-912.5		MCU	6.36	1.76	1.22	0.278	1.451	5.229	1493.	37.	9.	765.9	27.6	1
1184	0	360	37.4578	88.8235	-912.0		MCU	6.97	2.28	1.09	0.327	2.094	6.402	1445.	36.	8.	765.9	27.6	1
1185	0	332	37.4577	88.8243	-913.0		MCU	6.26	3.45	1.03	0.551	3.354	6.086	1500.	39.	4.	765.9	27.5	1
1186	0	324	37.4577	88.8250	-913.7		MCU	7.64	2.12	0.94	0.277	2.242	8.091	1488.	27.	8.	765.4	27.6	1
1187	10	344	37.4577	88.8257	-912.2		MCU	7.63	0.95	0.93	0.0	0.0	8.236	1505.	46.	7.	764.9	27.6	1
1188	0	348	37.4577	88.8264	-913.0		MCU	8.37	3.85	1.00	0.460	3.838	8.336	1553.	47.	5.	764.9	27.6	1
1189	0	352	37.4577	88.8271	-912.2		MCU	6.69	2.91	1.11	0.436	2.617	6.006	1632.	38.	6.	765.4	27.6	1
1190	0	356	37.4577	88.8278	-910.2		MCU	5.96	3.02	0.98	0.507	3.083	6.085	1600.	50.	6.	764.9	27.6	1
1191	0	364	37.4577	88.8286	-911.0		MCU	7.22	2.06	1.21	0.285	1.697	5.951	1662.	48.	10.	764.9	27.6	1
1192	0	380	37.4576	88.8293	-911.2		MCU	9.04	2.77	1.05	0.307	2.646	8.618	1643.	36.	7.	765.4	27.6	1
1193	0	380	37.4576	88.8300	-911.0		MCU	8.62	3.90	1.04	0.453	3.750	8.287	1636.	30.	9.	765.4	27.6	1
1194	0	360	37.4576	88.8307	-909.7		MCU	4.25	4.05	0.99	0.953	4.083	4.286	1463.	50.	10.	764.9	27.6	1
1195	0	340	37.4576	88.8314	-910.2		MCU	7.56	2.77	0.80	0.367	3.451	9.407	1431.	45.	6.	764.3	27.6	1
1196	0	396	37.4576	88.8322	-910.2		MCU	7.33	3.40	1.08	0.464	3.139	6.765	1611.	30.	8.	763.8	27.6	1
1197	0	428	37.4576	88.8329	-910.0		MCU	7.91	2.82	1.14	0.357	2.476	6.936	1716.	39.	10.	764.9	27.6	1
1198	0	444	37.4576	88.8336	-910.2		MCU	6.90	2.93	1.36	0.424	2.157	5.084	1716.	38.	9.	765.4	27.7	1
1199	0	456	37.4575	88.8343	-910.2		MCU	8.45	2.48	1.21	0.294	2.052	6.982	1702.	33.	9.	764.3	27.7	1
1200	0	464	37.4575	88.8351	-908.7		MCU	8.60	1.94	1.19	0.225	1.630	7.233	1625.	50.	6.	764.3	27.7	1
1201	10	472	37.4575	88.8358	-910.0		MCU	8.99	0.78	1.31	0.0	0.0	6.857	1647.	42.	6.	764.9	27.7	1
1202	0	476	37.4575	88.8365	-909.7		MCU	6.79	4.10	1.00	0.603	4.103	6.800	1456.	39.	0.	764.3	27.7	1
1203	0	476	37.4575	88.8372	-908.7		MCU	4.79	1.56	0.87	0.325	1.791	5.512	1175.	33.	4.	764.3	27.7	1
1204	0	476	37.4575	88.8379	-908.5		MCU	3.51	1.70	0.55	0.485	3.092	6.370	933.	48.	8.	764.9	27.7	1
1205	0	476	37.4575	88.8387	-906.7		MCU	2.90	1.93	1.06	0.666	1.828	2.744	1141.	40.	6.	765.4	27.7	1
1206	0	464	37.4574	88.8394	-905.2		MCU	3.95	2.69	0.78	0.680	3.443	5.065	1261.	46.	6.	765.4	27.7	1
1207	10	472	37.4574	88.8401	-907.5		MCU	6.01	1.57	1.09	0.0	0.0	5.529	1362.	39.	8.	764.3	27.7	1
1208	0	480	37.4574	88.8409	-907.2		MCU	6.74	2.01	0.94	0.298	2.129	7.148	1330.	59.	5.	764.3	27.8	1
1209	10	456	37.4574	88.8416	-905.7		MCU	5.71	0.99	1.01	0.0	0.0	5.663	1416.	31.	12.	764.9	27.7	1
1210	0	416	37.4574	88.8423	-905.7		MCU	5.69	2.54	1.22	0.446	2.085	4.676	1423.	40.	7.	764.3	27.7	1
1211	10	408	37.4574	88.8430	-907.0		MCU	5.27	0.64	1.07	0.0	0.0	4.929	1386.	40.	13.	764.9	27.7	1
1212	0	384	37.4573	88.8437	-906.0		MCU	6.45	1.49	0.89	0.230	1.676	7.276	1350.	51.	11.	764.9	27.7	1
1213	0	388	37.4573	88.8444	-903.2		MCU	7.47	1.87	0.98	0.250	1.903	7.611	1527.	39.	9.	764.3	27.6	1
1214	10	416	37.4573	88.8452	-903.5		MCU	6.32	1.46	1.14	0.0	0.0	5.530	1707.	61.	12.	764.3	27.6	1
1215	0	416	37.4573	88.8459	-903.7		MCU	7.74	2.71	0.98	0.351	2.764	7.880	1664.	47.	10.	764.9	27.7	1
1216	0	408	37.4572	88.8466	-902.5		MCU	6.53	2.42	1.21	0.370	1.998	5.395	1699.	43.	14.	764.9	27.7	1
1217	0	404	37.4572	88.8473	-901.5		MCU	8.10	2.65	1.26	0.327	2.102	6.428	1723.	42.	14.	764.9	27.7	1
1218	0	408	37.4572	88.8481	-901.7		MCU	8.50	3.32	0.97	0.391	3.423	8.760	1736.	45.	10.	765.4	27.7	1
1219	10	412	37.4572	88.8488	-901.5		MCU	8.79	1.64	1.03	0.0	0.0	8.521	1717.	34.	14.	765.4	27.7	1

CP6 1P12

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1220	0	416	37.4572	88.8495	-901.5	MCU	5.52	2.21	1.14	0.401	1.951	4.863	1682.	40.	14.	765.4	27.7	1
1221	10	420	37.4572	88.8502	-901.0	MCU	6.37	0.71	1.03	0.0	0.0	6.179	1483.	50.	11.	765.4	27.7	1
1222	0	408	37.4571	88.8509	-900.0	MCU	6.76	3.20	0.84	0.474	3.827	8.081	1531.	50.	9.	764.9	27.8	1
1223	0	388	37.4571	88.8516	-899.7	MCU	5.49	2.85	0.94	0.519	3.043	5.863	1406.	54.	7.	764.3	27.8	1
1224	10	388	37.4571	88.8524	-899.2	MCU	8.21	1.34	1.03	0.0	0.0	7.983	1430.	40.	6.	765.4	27.8	1
1225	0	380	37.4571	88.8531	-899.0	MCU	8.28	2.61	0.90	0.315	2.894	9.177	1487.	32.	3.	765.9	27.8	1
1226	0	376	37.4571	88.8538	-898.2	MCU	6.95	1.64	0.86	0.236	1.898	8.043	1353.	44.	2.	765.4	27.9	1
1227	0	392	37.4571	88.8545	-897.0	MCU	6.36	3.04	0.97	0.477	3.117	6.532	1375.	50.	3.	765.4	27.9	1
1228	0	424	37.4571	88.8552	-895.0	MCU	4.63	4.90	0.94	1.059	5.233	4.941	1474.	38.	0.	764.9	27.9	1
1229	0	452	37.4570	88.8559	-894.2	MCU	6.98	3.06	0.96	0.438	3.185	7.269	1542.	41.	2.	764.3	27.9	1
1230	0	468	37.4570	88.8567	-894.2	MCU	6.58	3.94	1.19	0.598	3.316	5.545	1606.	50.	5.	765.4	27.9	1
1231	0	492	37.4570	88.8574	-892.0	MCU	6.77	4.72	1.18	0.698	4.019	5.756	1609.	35.	7.	765.4	27.9	1
1232	10	508	37.4570	88.8581	-891.0	MCU	7.49	0.81	0.92	0.0	0.0	8.128	1589.	40.	12.	764.9	27.9	1
1233	10	516	37.4570	88.8588	-892.0	MCU	8.61	0.99	1.03	0.0	0.0	8.345	1645.	42.	10.	764.3	27.9	1
1234	0	528	37.4570	88.8595	-891.0	MCU	5.84	2.09	1.32	0.357	1.578	4.418	1641.	40.	13.	764.9	27.8	1
1235	10	528	37.4570	88.8603	-890.0	QAL	5.32	1.93	1.35	0.0	0.0	3.943	1561.	46.	15.	764.9	27.8	1
1236	0	516	37.4569	88.8610	-888.7	QAL	7.13	2.40	1.14	0.337	2.107	6.248	1605.	45.	13.	764.9	27.8	1
1237	0	512	37.4569	88.8617	-887.7	QAL	6.92	2.81	1.08	0.405	2.591	6.390	1661.	30.	10.	765.4	27.7	1
1238	10	520	37.4569	88.8624	-887.2	QAL	7.07	1.27	1.37	0.0	0.0	5.158	1678.	35.	5.	765.4	27.7	1
1239	0	516	37.4568	88.8631	-887.0	QAL	8.92	3.73	0.76	0.418	4.931	11.805	1633.	44.	3.	764.9	27.7	1
1240	0	512	37.4568	88.8638	-884.7	QAL	6.34	3.51	1.10	0.554	3.203	5.780	1505.	35.	0.	764.9	27.7	1
1241	0	512	37.4568	88.8646	-883.2	QAL	5.94	1.84	1.51	0.309	1.220	3.946	1548.	42.	0.	764.9	27.7	1
1242	0	508	37.4568	88.8653	-883.5	QAL	5.54	3.30	1.11	0.595	2.974	4.996	1578.	37.	0.	764.9	27.7	1
1243	0	508	37.4568	88.8660	-882.7	QAL	7.43	4.04	1.13	0.544	3.575	6.575	1532.	42.	3.	765.4	27.7	1
1244	0	508	37.4568	88.8667	-882.7	QAL	8.22	2.59	1.15	0.315	2.252	7.144	1498.	35.	6.	765.4	27.7	1
1245	0	504	37.4568	88.8674	-880.2	QAL	5.67	3.44	1.09	0.608	3.173	5.220	1569.	29.	5.	764.9	27.6	1
1246	0	500	37.4567	88.868?	-876.0	QAL	4.33	5.45	1.01	1.258	5.379	4.277	1499.	39.	6.	765.4	27.7	1
1247	0	448	37.4567	88.8689	-872.2	QAL	4.74	2.31	1.03	0.488	2.256	4.619	1401.	47.	11.	765.4	27.6	1
1248	10	416	37.4567	88.8696	-872.5	QAL	5.86	0.68	1.18	0.0	0.0	4.967	1397.	37.	12.	765.4	27.6	1
1249	10	468	37.4567	88.8703	-875.5	QAL	5.57	1.44	1.18	0.0	0.0	4.713	1511.	34.	13.	764.9	27.7	1
1250	0	456	37.4567	88.8712	-877.2	QAL	6.02	1.73	1.12	0.288	1.540	5.349	1454.	36.	12.	764.9	27.8	1
1251	10	452	37.4567	88.8719	-875.7	MCU	8.51	1.55	0.94	0.0	0.0	9.024	1383.	45.	9.	764.3	27.9	1
1252	0	448	37.4567	88.8726	-874.5	MCU	4.87	4.02	0.99	0.827	4.073	4.927	1447.	43.	7.	764.3	27.9	1
1253	10	460	37.4567	88.8734	-874.5	MCU	9.23	1.60	1.15	0.0	0.0	8.042	1565.	48.	6.	764.3	27.9	1
1254	0	464	37.4567	88.8741	-870.2	MCU	8.00	2.53	1.18	0.316	2.132	6.750	1626.	32.	2.	763.8	27.9	1
1255	0	460	37.4567	88.8748	-865.5	MCU	6.74	3.83	1.18	0.568	3.257	5.730	1601.	32.	2.	763.3	27.9	1
1256	10	464	37.4567	88.8755	-862.5	MCU	7.27	1.21	1.16	0.0	0.0	6.274	1465.	33.	0.	763.8	28.0	1
1257	10	468	37.4568	88.8763	-863.7	MCU	6.68	1.34	1.09	0.0	0.0	6.142	1509.	32.	4.	764.9	27.9	1
1258	0	476	37.4568	88.8771	-865.2	MCU	7.03	1.91	1.06	0.271	1.802	6.643	1417.	39.	7.	764.3	27.9	1
1259	0	448	37.4568	88.8778	-864.0	MCU	7.32	2.16	0.84	0.295	2.556	8.670	1480.	58.	9.	763.8	27.9	1
1260	10	420	37.4568	88.8785	-862.5	MCU	6.02	1.02	0.80	0.0	0.0	7.543	1327.	50.	11.	764.3	27.9	1
1261	10	444	37.4568	88.8792	-862.2	PPCV	5.74	0.79	1.11	0.0	0.0	5.168	1422.	36.	18.	763.8	27.9	1
1262	10	424	37.4568	88.8800	-860.7	PPCV	6.40	-0.63	1.13	0.0	0.0	5.656	1382.	44.	18.	763.8	27.9	1
1263	0	448	37.4568	88.8807	-857.7	PPCV	5.12	2.05	1.17	0.400	1.746	4.361	1597.	34.	18.	764.3	27.9	1
1264	10	464	37.4568	88.8814	-858.0	PPCV	7.74	0.83	1.09	0.0	0.0	7.121	1546.	36.	19.	764.9	27.9	1
1265	10	472	37.4568	88.8823	-856.7	MCU	6.48	0.92	1.09	0.0	0.0	5.952	1467.	46.	16.	764.3	27.9	1
1266	0	512	37.4568	88.8830	-856.5	MCU	6.58	2.68	0.83	0.407	3.236	7.951	1565.	43.	14.	764.9	27.9	1
1267	0	512	37.4568	88.8837	-856.7	MCU	6.08	3.89	0.57	0.640	6.774	10.590	1563.	40.	11.	764.9	27.8	1
1268	0	504	37.4568	88.8844	-856.5	MCU	6.03	2.19	1.47	0.363	1.493	4.115	1674.	32.	5.	764.3	27.8	1
1269	0	500	37.4568	88.8852	-854.5	MCU	7.49	3.45	1.58	0.460	2.177	4.728	1573.	44.	4.	764.9	27.8	1
1270	10	484	37.4568	88.8859	-852.7	MCU	6.28	1.54	1.20	0.0	0.0	5.230	1498.	42.	6.	764.3	27.8	1
1271	10	460	37.4569	88.8866	-851.2	MCU	6.75	1.55	0.95	0.0	0.0	7.131	1426.	37.	6.	764.9	27.8	1
1272	0	472	37.4569	88.8874	-850.2	MCU	5.38	5.09	1.06	0.948	4.789	5.053	1548.	42.	6.	764.9	27.8	1

CP9 1P12

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1273	10	488	37.4569	88.8882	-849.7	MCU	6.93	1.09	1.15	0.0	0.0	6.017	1613.	44.	12.	764.3	27.8	1
1274	10	460	37.4569	88.8889	-848.2	MCU	8.19	0.75	1.43	0.0	0.0	5.724	1645.	39.	11.	764.3	27.8	1
1275	0	460	37.4569	88.8896	-846.5	MCU	7.81	3.73	1.14	0.478	3.283	6.875	1623.	39.	10.	764.9	27.7	1
1276	0	456	37.4569	88.8904	-844.0	MCU	7.81	3.65	1.22	0.468	3.006	6.425	1644.	44.	9.	764.9	27.7	1
1277	0	444	37.4569	88.8911	-842.0	MCU	6.98	3.98	0.98	0.571	4.059	7.114	1607.	39.	10.	765.4	27.7	1
1278	0	436	37.4570	88.8918	-840.5	MCU	7.66	3.69	0.93	0.481	3.973	8.256	1527.	45.	9.	765.4	27.7	1
1279	0	436	37.4570	88.8925	-839.7	MCU	7.14	4.01	0.97	0.562	4.126	7.338	1720.	35.	8.	765.4	27.7	1
1280	10	440	37.4570	88.8933	-838.7	MCU	6.94	0.99	1.50	0.0	0.0	4.637	1660.	43.	7.	764.9	27.7	1
1281	0	436	37.4570	88.8940	-838.0	MCU	8.84	2.79	1.44	0.315	1.939	6.152	1697.	48.	0.	764.3	27.7	1
1282	0	440	37.4570	88.8948	-837.5	MCU	8.81	2.53	1.03	0.287	2.462	8.584	1680.	45.	1.	763.8	27.8	1
1283	0	440	37.4570	88.8955	-836.5	MCU	9.79	3.91	1.41	0.399	2.777	6.952	1777.	39.	1.	764.9	27.8	1
1284	0	436	37.4570	88.8962	-835.0	MCU	9.95	2.90	1.40	0.291	2.070	7.110	1744.	41.	0.	765.4	27.8	1
1285	0	428	37.4570	88.8970	-834.2	MCU	7.40	3.38	1.27	0.457	2.668	5.843	1719.	39.	1.	765.4	27.8	1
1286	0	432	37.4570	88.8977	-833.5	MCU	9.36	4.71	1.18	0.503	4.007	7.960	1731.	35.	2.	765.4	27.8	1
1287	0	440	37.4570	88.8984	-832.2	MCU	9.08	4.19	1.02	0.461	4.088	8.860	1759.	41.	3.	764.9	27.8	1
1288	0	432	37.4570	88.8992	-830.2	MCU	8.25	3.41	1.32	0.414	2.576	6.228	1716.	40.	5.	764.9	27.7	1
1289	10	428	37.4570	88.9000	-830.0	MCU	10.27	0.98	1.19	0.0	0.0	8.606	1697.	37.	5.	765.4	27.7	1
1290	0	424	37.4570	88.9007	-828.7	MCU	7.69	2.24	1.28	0.292	1.752	6.007	1638.	50.	4.	764.9	27.7	1
1291	10	424	37.4570	88.9014	-827.7	MCU	7.07	1.42	1.22	0.0	0.0	5.770	1597.	40.	7.	764.9	27.7	1
1292	10	416	37.4571	88.9022	-825.2	MCU	7.73	1.22	1.01	0.0	0.0	7.646	1548.	39.	10.	764.9	27.7	1
1293	0	384	37.4571	88.9029	-824.7	MCU	6.02	3.50	0.96	0.581	3.664	6.304	1482.	32.	5.	764.9	27.7	1
1294	10	376	37.4571	88.9036	-824.7	MCU	7.24	0.93	1.17	0.0	0.0	6.177	1399.	44.	12.	765.4	27.8	1
1295	0	376	37.4571	88.9044	-822.7	MCU	8.14	3.17	0.87	0.389	3.645	9.361	1461.	41.	8.	765.9	27.7	1
1296	10	408	37.4571	88.9051	-821.0	MCU	6.99	1.50	1.15	0.0	0.0	6.082	1539.	40.	9.	765.4	27.8	1
1297	0	420	37.4571	88.9059	-820.0	MCU	7.22	2.77	0.95	0.383	2.896	7.560	1523.	40.	5.	765.9	27.7	1
1298	0	428	37.4571	88.9066	-819.0	MCU	5.81	4.36	0.98	0.750	4.462	5.946	1519.	47.	11.	766.4	27.8	1
1299	0	416	37.4572	88.9073	-818.0	MCU	7.38	3.82	0.66	0.517	5.798	11.206	1484.	39.	7.	765.4	27.8	1
1300	0	412	37.4572	88.9081	-816.5	MCU	7.09	3.06	0.77	0.431	3.958	9.176	1466.	30.	8.	765.4	27.8	1
1301	0	416	37.4572	88.9088	-815.7	MCU	6.85	1.91	0.80	0.279	2.395	8.580	1421.	41.	11.	765.9	27.7	1
1302	0	384	37.4572	88.9095	-813.7	MCU	4.67	2.39	0.93	0.512	2.567	5.014	1359.	51.	11.	765.4	27.7	1
1303	10	388	37.4572	88.9103	-812.5	MCU	8.46	0.63	1.06	0.0	0.0	8.013	1404.	42.	9.	765.9	27.7	1
1304	10	400	37.4572	88.9110	-811.5	QAL	6.81	1.47	0.75	0.0	0.0	9.030	1384.	35.	11.	766.4	27.7	1
1305	0	416	37.4572	88.9118	-811.7	QAL	5.92	1.53	1.05	0.259	1.465	5.654	1387.	31.	13.	765.9	27.7	1
1306	0	432	37.4572	88.9125	-810.5	QAL	5.09	2.45	1.01	0.482	2.435	5.054	1381.	37.	11.	765.4	27.7	1
1307	0	480	37.4572	88.9133	-808.5	QAL	4.62	2.16	1.10	0.468	1.962	4.193	1385.	55.	13.	764.9	27.7	1
1308	10	504	37.4572	88.9140	-808.2	QAL	5.04	0.92	1.01	0.0	0.0	5.000	1519.	44.	14.	765.4	27.8	1
1309	0	512	37.4572	88.9147	-808.0	QAL	4.90	2.57	1.08	0.524	2.378	4.535	1498.	41.	12.	765.4	27.8	1
1310	10	492	37.4572	88.9154	-805.0	QAL	6.34	0.84	1.16	0.0	0.0	5.448	1392.	35.	12.	765.9	27.8	1
1311	0	436	37.4572	88.9162	-803.7	QAL	4.53	2.18	1.05	0.482	2.088	4.329	1377.	31.	11.	765.4	27.8	1
1312	0	480	37.4572	88.9170	-803.5	QAL	6.88	2.60	0.95	0.378	2.742	7.246	1418.	38.	10.	765.9	27.7	1
1313	10	484	37.4573	88.9177	-800.2	QAL	7.62	0.93	1.17	0.0	0.0	6.487	1491.	28.	11.	765.9	27.7	1
1314	0	480	37.4573	88.9184	-797.7	MCU	5.83	2.93	1.01	0.503	2.893	5.756	1514.	40.	9.	764.9	27.6	1
1315	10	468	37.4573	88.9192	-797.7	MCU	6.65	1.20	1.32	0.0	0.0	5.043	1446.	33.	8.	764.9	27.6	1
1316	0	464	37.4573	88.9199	-796.2	MCU	8.17	2.66	1.16	0.326	2.295	7.046	1600.	37.	6.	764.3	27.6	1
1317	10	464	37.4573	88.9206	-796.0	MCU	9.50	0.69	1.16	0.0	0.0	8.173	1496.	43.	8.	764.3	27.5	1
1318	0	460	37.4573	88.9214	-796.7	MCU	7.77	1.69	1.17	0.218	1.449	6.648	1577.	29.	4.	765.4	27.6	1
1319	10	460	37.4573	88.9221	-797.7	MCU	7.67	1.49	1.23	0.0	0.0	6.216	1668.	41.	8.	764.9	27.5	1
1320	0	460	37.4573	88.9229	-796.0	MCU	5.55	4.38	1.19	0.790	3.691	4.674	1729.	40.	6.	764.3	27.5	1
1321	10	452	37.4573	88.9236	-795.5	MCU	8.84	1.48	0.99	0.0	0.0	8.935	1616.	46.	9.	764.9	27.5	1
1322	0	452	37.4573	88.9243	-796.0	MCU	9.24	2.48	1.18	0.268	2.105	7.853	1639.	25.	7.	764.9	27.6	1
1323	10	448	37.4573	88.9251	-794.2	MCU	8.28	1.32	1.26	0.0	0.0	6.571	1641.	35.	7.	764.9	27.6	1
1324	0	444	37.4573	88.9258	-793.2	MCU	6.15	2.63	1.43	0.428	1.837	4.291	1506.	46.	5.	764.9	27.7	1
1325	0	448	37.4573	88.9265	-792.2	MCU	8.20	2.11	0.99	0.257	2.130	8.292	1543.	34.	8.	764.3	27.7	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1326	10	460	37.4573	88.9273	-790.2	MCU	9.92	0.72	0.83	0.0	0.0	11.954	1550.	41.	10.	764.3	27.7	1
1327	0	464	37.4574	88.9281	-789.2	MCU	7.10	3.27	1.17	0.461	2.803	6.079	1634.	39.	8.	764.3	27.7	1
1328	0	480	37.4574	88.9287	-788.7	MCU	6.70	3.04	1.20	0.453	2.528	5.578	1603.	45.	6.	763.8	27.7	1
1329	0	468	37.4574	88.9295	-787.7	MCU	6.94	2.75	1.18	0.395	2.327	5.884	1562.	28.	10.	763.3	27.6	1
1330	0	472	37.4574	88.9303	-788.0	MCU	6.88	3.07	0.98	0.446	3.142	7.048	1584.	41.	8.	764.9	27.7	1
1331	0	488	37.4574	88.9310	-788.5	MCU	6.10	2.71	0.98	0.443	2.769	6.245	1546.	37.	12.	764.3	27.6	1
1332	10	520	37.4574	88.9317	-787.7	MCU	8.15	0.99	1.57	0.0	0.0	5.194	1653.	25.	14.	763.8	27.6	1
1333	0	540	37.4574	88.9324	-786.7	MCU	7.88	4.08	0.96	0.518	4.242	8.188	1655.	46.	10.	765.4	27.6	1
1334	10	556	37.4575	88.9332	-786.2	MCU	8.62	1.94	0.89	0.0	0.0	9.711	1658.	39.	11.	764.9	27.6	1
1335	10	564	37.4575	88.9340	-785.2	MCU	7.47	0.43	1.01	0.0	0.0	7.424	1684.	39.	15.	764.3	27.6	1
1336	10	560	37.4575	88.9347	-785.0	MCU	7.60	1.58	1.27	0.0	0.0	5.995	1592.	38.	12.	764.9	27.6	1
1337	10	556	37.4575	88.9354	-783.2	MCU	6.64	0.30	1.42	0.0	0.0	4.694	1617.	48.	10.	764.3	27.5	1
1338	0	552	37.4575	88.9362	-783.0	MCU	6.51	2.91	1.10	0.446	2.651	5.943	1583.	29.	9.	764.3	27.6	1
1339	10	552	37.4575	88.9369	-782.2	QAL	7.39	1.68	1.24	0.0	0.0	5.958	1621.	35.	10.	763.8	27.6	1
1340	0	548	37.4575	88.9376	-782.5	QAL	5.03	2.22	1.37	0.442	1.625	3.676	1539.	37.	7.	764.3	27.6	1
1341	0	544	37.4575	88.9384	-782.0	QAL	6.60	2.86	1.02	0.434	2.800	6.450	1529.	46.	7.	765.9	27.5	1
1342	0	536	37.4575	88.9391	-780.2	QAL	4.99	4.39	1.08	0.880	4.077	4.633	1537.	44.	6.	764.9	27.6	1
1343	0	532	37.4575	88.9398	-781.0	QAL	4.83	3.62	1.13	0.749	3.192	4.259	1466.	41.	8.	764.3	27.6	1
1344	0	500	37.4575	88.9406	-781.2	QAL	5.08	2.72	1.06	0.534	2.556	4.785	1461.	46.	6.	764.3	27.7	1
1345	0	456	37.4575	88.9413	-781.0	QAL	8.93	2.51	0.91	0.281	2.745	9.779	1468.	35.	3.	763.8	27.7	1
1346	0	436	37.4575	88.9421	-778.5	QAL	6.33	3.33	1.07	0.525	3.105	5.915	1457.	39.	4.	764.9	27.7	1
1347	0	448	37.4575	88.9428	-778.7	MCU	5.08	1.97	1.02	0.389	1.927	4.955	1454.	49.	6.	765.4	27.7	1
1348	0	436	37.4576	88.9435	-779.0	MCU	6.56	3.37	1.18	0.513	2.862	5.577	1555.	35.	3.	764.9	27.7	1
1349	0	436	37.4576	88.9443	-778.2	MCU	6.62	1.59	1.33	0.240	1.191	4.962	1619.	31.	9.	764.3	27.6	1
1350	0	420	37.4576	88.9450	-777.2	MCU	6.75	1.68	1.15	0.250	1.467	5.875	1458.	30.	5.	763.8	27.7	1
1351	0	412	37.4576	88.9457	-777.0	MCU	6.12	2.03	0.89	0.331	2.265	6.838	1397.	40.	8.	764.3	27.7	1
1352	0	428	37.4576	88.9465	-775.5	MCU	6.88	3.25	0.83	0.472	3.919	8.297	1370.	44.	4.	764.3	27.7	1
1353	10	432	37.4576	88.9473	-775.7	MCU	5.81	1.26	1.09	0.0	0.0	5.344	1399.	39.	9.	765.4	27.7	1
1354	10	428	37.4576	88.9480	-775.0	MCU	7.90	1.29	1.00	0.0	0.0	7.924	1342.	37.	8.	765.9	27.7	1
1355	0	408	37.4576	88.9487	-774.2	MCU	6.01	1.69	0.59	0.281	2.881	10.240	1343.	43.	9.	764.9	27.7	1
1356	0	380	37.4576	88.9495	-773.2	MCU	6.61	2.23	0.91	0.337	2.437	7.234	1282.	46.	6.	765.4	27.7	1
1357	0	356	37.4576	88.9502	-773.0	MCU	4.93	3.73	0.74	0.757	5.023	6.633	1397.	30.	4.	765.4	27.7	1
1358	0	352	37.4576	88.9509	-772.7	MCU	6.03	2.58	0.92	0.428	2.816	6.584	1380.	37.	8.	764.3	27.7	1
1359	0	392	37.4576	88.9517	-770.2	MCU	6.67	4.37	0.99	0.655	4.394	6.707	1631.	37.	3.	765.4	27.7	1
1360	0	384	37.4576	88.9524	-769.7	MCU	7.43	2.09	1.22	0.281	1.710	6.095	1658.	31.	5.	765.4	27.7	1
1361	0	376	37.4576	88.9532	-770.2	MCU	5.57	3.06	1.09	0.549	2.813	5.123	1642.	39.	6.	764.9	27.7	1
1362	0	376	37.4577	88.9539	-770.2	MCU	8.11	2.08	1.21	0.257	1.726	6.719	1662.	42.	7.	765.4	27.8	1
1363	0	376	37.4577	88.9546	-770.0	MCU	7.61	3.64	1.08	0.478	3.365	7.044	1686.	47.	4.	765.4	27.7	1
1364	0	380	37.4577	88.9554	-770.2	MCU	11.02	2.77	0.87	0.252	3.196	12.704	1780.	37.	1.	764.9	27.8	1
1365	0	388	37.4577	88.9561	-769.2	MCU	9.27	4.00	1.37	0.432	2.928	6.786	1822.	43.	2.	764.3	27.7	1
1366	0	384	37.4577	88.9568	-768.0	MCU	7.28	3.03	1.18	0.416	2.564	6.160	1753.	44.	3.	764.9	27.7	1
1367	0	380	37.4577	88.9576	-768.5	MCU	6.43	4.55	1.22	0.707	3.713	5.249	1711.	26.	6.	764.3	27.7	1
1368	0	388	37.4577	88.9584	-768.5	MCU	7.24	4.34	1.06	0.599	4.103	6.845	1714.	43.	4.	763.8	27.7	1
1369	0	404	37.4577	88.9591	-766.2	MCU	7.72	2.38	1.33	0.308	1.789	5.801	1684.	42.	8.	764.3	27.7	1
1370	0	404	37.4577	88.9598	-764.2	MCU	5.72	3.81	1.27	0.666	3.011	4.518	1709.	36.	6.	764.9	27.7	1
1371	0	404	37.4577	88.9605	-766.2	MCU	6.35	2.97	1.31	0.468	2.265	4.834	1835.	29.	6.	764.3	27.6	1
1372	0	404	37.4577	88.9613	-767.2	MCU	6.95	3.22	1.24	0.463	2.596	5.609	1682.	48.	7.	763.8	27.6	1
1373	0	416	37.4577	88.9620	-767.5	MCU	8.76	2.25	1.10	0.257	2.040	7.939	1726.	45.	7.	764.9	27.6	1
1374	0	424	37.4577	88.9627	-765.2	MCU	5.64	3.80	1.26	0.673	3.019	4.485	1712.	34.	7.	764.3	27.6	1
1375	0	428	37.4577	88.9634	-765.2	MCU	7.58	2.71	0.95	0.358	2.861	7.998	1654.	41.	7.	763.8	27.6	1
1376	0	412	37.4578	88.9643	-766.2	MCU	8.98	4.13	1.02	0.460	4.041	8.782	1669.	44.	4.	764.9	27.6	1
1377	0	404	37.4578	88.9650	-764.2	MCU	7.09	2.96	1.25	0.418	2.378	5.688	1670.	28.	6.	764.3	27.6	1
1378	0	392	37.4578	88.9657	-763.5	MCU	6.95	2.16	1.16	0.310	1.867	6.013	1641.	58.	11.	764.3	27.6	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1379	0	384	37.4578	88.9665	-763.2	MCU	6.96	3.12	1.22	0.448	2.559	5.717	1707.	36.	8.	765.4	27.5	1
1380	0	380	37.4578	88.9672	-762.2	MCU	9.92	2.63	1.27	0.265	2.066	7.788	1649.	43.	5.	764.3	27.5	1
1381	0	380	37.4578	88.9679	-759.2	MCU	7.56	3.78	0.91	0.500	4.144	8.297	1647.	49.	7.	764.3	27.5	1
1382	10	392	37.4578	88.9686	-759.7	MCU	8.48	1.27	1.47	0.0	0.0	5.771	1724.	42.	13.	764.3	27.5	1
1383	0	396	37.4579	88.9694	-759.7	MCU	7.95	3.55	1.23	0.447	2.886	6.459	1704.	41.	11.	764.9	27.5	1
1384	0	384	37.4579	88.9702	-760.0	MCU	9.70	2.21	1.28	0.228	1.732	7.592	1739.	43.	9.	765.4	27.5	1
1385	0	388	37.4579	88.9709	-759.5	MCU	9.35	1.76	1.43	0.188	1.228	6.521	1800.	37.	10.	764.9	27.5	1
1386	0	388	37.4579	88.9716	-758.2	MCU	8.51	3.12	1.12	0.367	2.784	7.586	1773.	39.	7.	764.3	27.5	1
1387	0	392	37.4579	88.9724	-757.5	MCU	7.43	2.54	1.11	0.342	2.287	6.683	1685.	47.	9.	764.9	27.5	1
1388	0	388	37.4579	88.9731	-756.0	MCU	6.61	2.56	0.96	0.387	2.653	6.853	1570.	27.	12.	764.9	27.5	1
1389	0	392	37.4579	88.9738	-753.5	MCU	5.35	3.68	0.90	0.688	4.078	5.923	1523.	38.	12.	764.9	27.5	1
1390	0	400	37.4579	88.9745	-753.5	MCU	5.44	4.13	1.04	0.759	3.977	5.242	1580.	42.	12.	764.3	27.5	1
1391	0	384	37.4579	88.9754	-754.2	MCU	5.66	2.59	1.10	0.458	2.356	5.147	1556.	30.	10.	764.3	27.5	1
1392	10	380	37.4579	88.9761	-754.2	MCU	7.79	0.57	1.04	0.0	0.0	7.485	1520.	36.	11.	764.9	27.5	1
1393	0	376	37.4579	88.9768	-754.0	MCU	7.05	2.44	0.75	0.347	3.242	9.354	1488.	35.	11.	764.3	27.5	1
1394	0	372	37.4579	88.9775	-752.2	MCU	8.35	2.12	1.05	0.254	2.023	7.952	1566.	43.	12.	764.9	27.5	1
1395	0	384	37.4579	88.9783	-751.5	MCU	6.28	2.74	0.91	0.437	3.024	6.915	1469.	42.	8.	764.3	27.5	1
1396	10	408	37.4579	88.9790	-752.0	MCU	7.19	0.18	1.11	0.0	0.0	6.470	1426.	47.	10.	764.3	27.5	1
1397	0	420	37.4580	88.9797	-750.2	MCU	7.40	2.02	1.02	0.273	1.975	7.229	1466.	40.	7.	765.4	27.5	1
1398	0	432	37.4580	88.9805	-748.5	MCU	6.29	2.28	1.10	0.362	2.078	5.742	1428.	42.	4.	764.9	27.5	1
1399	0	436	37.4580	88.9813	-749.0	MCU	5.91	2.73	0.94	0.462	2.910	6.297	1346.	38.	3.	764.9	27.5	1
1400	0	444	37.4580	88.9820	-749.2	MCU	5.26	2.41	0.81	0.459	2.965	6.459	1333.	38.	4.	764.3	27.5	1
1401	0	472	37.4580	88.9827	-747.7	MCU	4.79	2.46	1.05	0.514	2.345	4.563	1425.	34.	8.	764.3	27.5	1
1402	10	456	37.4580	88.9835	-747.0	MCU	7.84	0.69	0.77	0.0	0.0	10.241	1397.	39.	5.	764.9	27.5	1
1403	0	424	37.4580	88.9842	-745.5	MCU	6.25	3.50	0.60	0.560	5.877	10.489	1401.	34.	4.	764.3	27.5	1
1404	0	448	37.4580	88.9849	-744.7	MCU	7.48	2.90	1.16	0.388	2.495	6.426	1583.	45.	7.	765.4	27.4	1
1405	10	448	37.4580	88.9856	-744.2	MCU	6.74	1.57	1.16	0.0	0.0	5.805	1494.	51.	10.	765.4	27.5	1
1406	0	436	37.4580	88.9864	-743.2	MCU	7.18	1.76	1.02	0.245	1.732	7.064	1627.	40.	8.	764.9	27.5	1
1407	0	436	37.4580	88.9872	-741.7	MCU	7.75	2.53	0.99	0.327	2.566	7.859	1519.	39.	8.	766.4	27.4	1
1408	10	404	37.4580	88.9879	-740.2	MCU	7.23	1.24	1.25	0.0	0.0	5.788	1552.	33.	8.	765.4	27.5	1
1409	0	400	37.4580	88.9886	-739.5	MCU	7.29	3.79	1.05	0.520	3.608	6.945	1583.	36.	2.	764.9	27.5	1
1410	0	420	37.4580	88.9894	-738.7	MCU	8.53	1.59	1.32	0.186	1.202	6.460	1655.	40.	4.	765.9	27.5	1
1411	0	424	37.4581	88.9901	-738.2	MCU	6.45	4.92	1.01	0.763	4.886	6.403	1741.	36.	4.	764.9	27.5	1
1412	0	424	37.4581	88.9908	-737.5	MCU	8.17	3.21	1.07	0.393	2.997	7.624	1713.	32.	3.	765.4	27.5	1
1413	0	432	37.4581	88.9915	-736.2	MCU	6.35	3.46	1.06	0.545	3.280	6.022	1572.	42.	6.	765.9	27.5	1
1414	0	436	37.4581	88.9924	-736.2	MCU	6.98	1.90	1.20	0.273	1.586	5.818	1629.	42.	8.	764.9	27.6	1
1415	0	412	37.4581	88.9931	-733.5	MCU	6.32	1.66	1.03	0.262	1.615	6.165	1462.	31.	11.	766.4	27.6	1
1416	0	412	37.4581	88.9938	-731.2	MCU	5.37	3.38	1.04	0.629	3.245	5.160	1496.	47.	12.	765.9	27.7	1
1417	0	484	37.4581	88.9945	-731.5	MCU	6.82	2.82	1.37	0.413	2.063	4.992	1708.	39.	18.	765.4	27.6	1
1418	10	488	37.4581	88.9953	-730.5	MCU	8.30	-0.16	1.46	0.0	0.0	5.701	1682.	45.	20.	766.4	27.6	1
1419	10	480	37.4581	88.9960	-727.5	MCU	6.73	1.25	1.26	0.0	0.0	5.356	1770.	38.	21.	766.4	27.6	1
1420	0	464	37.4581	88.9967	-726.0	QAL	5.49	2.82	1.36	0.513	2.068	4.028	1747.	39.	13.	765.9	27.7	1
1421	10	460	37.4581	88.9975	-724.7	QAL	6.72	0.93	1.17	0.0	0.0	5.765	1739.	47.	13.	766.4	27.6	1
1422	0	452	37.4581	88.9982	-724.7	QAL	8.29	3.87	1.22	0.467	3.181	6.811	1758.	35.	9.	765.9	27.7	1
1423	10	460	37.4581	88.9990	-723.2	QAL	9.28	1.59	1.28	0.0	0.0	7.242	1702.	32.	9.	766.4	27.7	1
1424	0	468	37.4581	88.9997	-721.5	QAL	6.58	2.71	1.48	0.411	1.826	4.442	1703.	52.	9.	766.4	27.7	1
1425	0	476	37.4582	89.0005	-719.5	QAL	7.93	3.17	1.46	0.400	2.166	5.422	1819.	42.	5.	765.9	27.6	1
1426	0	476	37.4582	89.0012	-719.0	QAL	6.12	3.19	1.24	0.521	2.572	4.938	1725.	41.	6.	765.4	27.7	1
1427	0	480	37.4582	89.0019	-718.0	QAL	7.54	3.17	1.21	0.421	2.621	6.230	1641.	40.	3.	765.4	27.7	1
1428	0	488	37.4582	89.0026	-716.5	QAL	5.29	4.05	1.40	0.765	2.901	3.789	1669.	35.	5.	765.9	27.7	1
1429	0	496	37.4582	89.0034	-715.7	QAL	7.15	1.99	1.18	0.279	1.696	6.083	1593.	45.	7.	765.4	27.7	1
1430	0	496	37.4582	89.0042	-715.0	QAL	8.23	2.49	1.10	0.302	2.263	7.481	1779.	36.	6.	765.9	27.8	1
1431	0	500	37.4582	89.0049	-712.7	QAL	6.86	3.27	0.94	0.476	3.460	7.268	1579.	33.	8.	765.9	27.7	1

CP9 IP12
CP9 IP12

*	TAGS		* LOCATION			*		REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1432	0	500	37.4582	89.0056	-712.5		QAL	5.40	2.26	1.12	0.418	2.017	4.820	1588.	53.	11.	764.9	27.7	1
1433	10	500	37.4582	89.0064	-711.7		QAL	8.53	0.24	1.39	0.0	0.0	6.158	1603.	37.	8.	765.9	27.7	1
1434	0	496	37.4582	89.0071	-710.5		QAL	4.71	3.52	1.02	0.747	3.443	4.612	1551.	41.	9.	765.4	27.7	1
1435	0	496	37.4582	89.0078	-709.0		QAL	8.33	1.76	1.14	0.211	1.536	7.279	1607.	26.	7.	764.9	27.7	1
1436	0	496	37.4582	89.0085	-707.7		QAL	8.33	2.97	0.96	0.357	3.084	8.630	1697.	37.	7.	765.9	27.8	1
1437	0	488	37.4582	89.0094	-705.5		QAL	7.01	2.15	1.10	0.307	1.953	6.362	1618.	40.	7.	766.4	27.7	1
1438	0	488	37.4582	89.0101	-706.2		QAL	6.10	2.58	1.21	0.422	2.127	5.036	1679.	42.	5.	765.9	27.7	1
1439	0	484	37.4583	89.0108	-705.0		QAL	6.23	5.42	1.37	0.871	3.955	4.542	1705.	24.	9.	765.4	27.8	1
1440	0	484	37.4583	89.0116	-702.5		QAL	6.06	3.83	0.89	0.632	4.317	6.831	1572.	37.	8.	765.9	27.7	1
1441	10	488	37.4583	89.0123	-702.7		QAL	6.17	1.42	1.41	0.0	0.0	4.377	1552.	41.	8.	765.4	27.7	1
1442	0	488	37.4583	89.0130	-702.7		QAL	6.88	3.09	1.18	0.450	2.622	5.831	1585.	27.	7.	765.9	27.8	1
1443	0	476	37.4583	89.0137	-701.2		QAL	7.04	1.92	0.97	0.272	1.976	7.259	1415.	31.	9.	767.4	27.8	1
1444	0	428	37.4583	89.0145	-699.7		QAL	6.19	2.54	1.01	0.410	2.521	6.144	1322.	29.	5.	766.4	27.8	1
1445	0	416	37.4583	89.0152	-700.0		QAL	3.19	2.59	1.06	0.812	2.448	3.014	1181.	43.	11.	764.9	27.8	1
1446	0	408	37.4584	89.0160	-698.7		QAL	3.97	2.07	0.85	0.520	2.427	4.666	1294.	26.	11.	766.4	27.8	1
1447	0	416	37.4584	89.0167	-697.5		QAL	5.87	4.17	0.85	0.710	4.927	6.941	1314.	37.	8.	766.9	27.8	1
1448	0	420	37.4584	89.0174	-697.2		QAL	5.26	4.10	1.11	0.779	3.695	4.742	1416.	34.	6.	765.9	27.8	1
1449	0	444	37.4584	89.0182	-696.7		QAL	4.98	1.73	1.32	0.347	1.314	3.785	1452.	29.	11.	765.9	27.8	1
1450	0	476	37.4584	89.0189	-696.5		QAL	5.08	4.72	1.22	0.930	3.860	4.150	1672.	37.	8.	766.4	27.8	1
1451	0	476	37.4584	89.0196	-697.5		QAL	5.48	2.06	1.36	0.375	1.514	4.032	1717.	36.	6.	765.9	27.8	1
1452	0	476	37.4584	89.0204	-695.2		QAL	9.00	1.91	1.30	0.212	1.466	6.909	1793.	51.	5.	765.9	27.8	1
1453	0	480	37.4584	89.0212	-695.0		QAL	6.04	2.51	1.54	0.415	1.632	3.933	1739.	46.	9.	765.4	27.8	1
1454	0	480	37.4584	89.0219	-694.7		QAL	5.98	1.97	1.46	0.330	1.352	4.095	1688.	44.	9.	765.4	27.9	1
1455	10	484	37.4584	89.0226	-694.2		QAL	8.50	1.71	1.57	0.0	0.0	5.408	1697.	39.	8.	765.9	27.9	1
1456	0	488	37.4584	89.0234	-693.7		MCU	7.62	2.25	1.41	0.295	1.587	5.389	1613.	42.	7.	765.4	27.9	1
1457	0	488	37.4584	89.0241	-694.7		MCU	7.71	3.72	1.24	0.482	2.998	6.218	1685.	33.	7.	764.9	27.9	1
1458	0	492	37.4584	89.0248	-694.7		MCU	6.98	3.13	1.46	0.448	2.137	4.768	1788.	32.	9.	764.9	27.9	1
1459	0	492	37.4584	89.0255	-694.0		MCU	7.62	4.79	1.24	0.628	3.845	6.120	1735.	37.	5.	765.9	27.9	1
1460	0	484	37.4584	89.0264	-694.0		MCU	6.21	3.36	1.35	0.541	2.493	4.606	1746.	41.	4.	766.4	27.8	1
1461	0	464	37.4584	89.0271	-694.5		MCU	6.11	3.52	1.32	0.577	2.672	4.632	1789.	41.	6.	764.9	27.8	1
1462	0	448	37.4584	89.0278	-694.7		MCU	8.05	2.89	1.27	0.359	2.280	6.353	1781.	32.	6.	765.4	27.8	1
1463	0	452	37.4584	89.0285	-695.2		MCU	8.32	4.33	1.30	0.520	3.335	6.413	1812.	41.	6.	766.4	27.8	1
1464	0	456	37.4584	89.0293	-695.5		QAL	7.44	3.07	1.38	0.413	2.221	5.381	1826.	42.	10.	765.4	27.8	1
1465	10	452	37.4584	89.0300	-694.2		QAL	8.83	0.61	1.57	0.0	0.0	5.615	1736.	42.	12.	766.4	27.7	1
1466	0	456	37.4584	89.0308	-695.5		QAL	5.99	3.74	0.96	0.625	3.896	6.237	1791.	40.	12.	766.9	27.7	1
1467	0	460	37.4584	89.0315	-696.7		QAL	7.91	3.13	1.37	0.396	2.281	5.766	1849.	43.	14.	765.9	27.7	1
1468	10	456	37.4584	89.0323	-696.5		QAL	7.50	1.11	1.24	0.0	0.0	6.046	1758.	37.	15.	766.4	27.7	1
1469	0	452	37.4584	89.0330	-697.7		QAL	6.88	2.76	1.04	0.401	2.659	6.636	1670.	36.	14.	766.9	27.7	1
1470	10	456	37.4584	89.0338	-698.2		QAL	8.47	0.36	1.37	0.0	0.0	6.186	1598.	32.	13.	766.4	27.7	1
1471	0	460	37.4584	89.0345	-699.2		QAL	6.72	2.72	1.13	0.405	2.409	5.953	1464.	42.	8.	765.9	27.7	1
1472	10	472	37.4584	89.0353	-700.0		QAL	5.45	0.62	0.90	0.0	0.0	6.071	1257.	36.	14.	766.4	27.7	1
1473	0	476	37.4584	89.0361	-700.5		QAL	4.97	2.00	0.67	0.402	2.999	7.459	1191.	35.	8.	766.4	27.7	1
1474	10	472	37.4584	89.0368	-700.7		QAL	3.91	0.91	0.50	0.0	0.0	7.846	992.	45.	11.	765.9	27.7	1
1475	0	472	37.4584	89.0375	-701.5		QAL	3.15	1.80	0.40	0.571	4.534	7.934	912.	52.	13.	765.9	27.7	1
1476	10	472	37.4584	89.0383	-703.7		QAL	3.54	0.91	0.55	0.0	0.0	6.470	872.	46.	12.	766.4	27.7	1
1477	10	472	37.4584	89.0390	-704.7		QAL	3.37	0.37	0.44	0.0	0.0	7.662	903.	35.	12.	766.9	27.7	1
1478	10	472	37.4583	89.0398	-705.0		QAL	3.27	0.49	0.46	0.0	0.0	7.044	886.	38.	14.	766.9	27.7	1
1479	0	472	37.4583	89.0405	-706.5		QAL	1.84	2.55	0.44	1.388	5.778	4.162	802.	37.	12.	766.4	27.7	1
1480	0	464	37.4583	89.0412	-707.5		QAL	3.82	1.70	0.27	0.445	6.288	14.145	811.	42.	14.	766.4	27.7	1
1481	10	464	37.4583	89.0420	-708.5		QAL	4.46	-0.24	0.57	0.0	0.0	7.844	852.	29.	14.	766.9	27.7	1
1482	10	460	37.4583	89.0427	-711.5		QAL	3.95	1.32	0.54	0.0	0.0	7.333	1028.	37.	15.	766.9	27.7	1
1483	10	408	37.4583	89.0435	-713.2		QAL	6.00	-0.00	0.37	0.0	0.0	16.138	1009.	33.	14.	766.4	27.7	1
1484	0	404	37.4583	89.0443	-713.2		QAL	4.98	3.41	0.48	0.685	7.158	10.451	1170.	39.	13.	766.4	27.7	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1485	10	396	37.4583	89.0450	-715.0	QAL	3.42	0.68	0.98	0.0	0.0	3.480	1223.	31.	16.	767.4	27.7	1
1486	0	392	37.4583	89.0457	-717.0	QAL	4.55	3.59	0.61	0.788	5.918	7.508	1226.	35.	10.	766.9	27.7	1
1487	10	396	37.4583	89.0465	-719.5	QAL	4.36	1.31	0.78	0.0	0.0	5.612	1145.	32.	13.	766.4	27.7	1
1488	0	404	37.4583	89.0472	-720.5	QAL	4.82	1.77	0.75	0.366	2.363	6.452	1156.	41.	7.	766.4	27.7	1
1489	0	412	37.4583	89.0480	-722.0	QAL	2.94	2.08	0.63	0.708	3.327	4.699	1095.	49.	8.	766.4	27.7	1
1490	0	416	37.4583	89.0487	-722.5	QAL	5.32	1.99	0.43	0.375	4.604	12.292	1124.	42.	8.	767.4	27.7	1
1491	0	412	37.4583	89.0495	-725.5	QAL	3.80	1.98	0.78	0.521	2.545	4.880	1124.	38.	3.	767.4	27.7	1
1492	0	408	37.4583	89.0502	-727.5	MCU	4.45	2.96	0.59	0.666	5.014	7.523	1076.	15.	5.	766.9	27.7	1
1493	10	412	37.4583	89.0509	-728.0	MCU	3.96	1.14	0.73	0.0	0.0	5.449	1128.	46.	9.	766.9	27.7	1
1494	0	408	37.4583	89.0516	-729.0	MCU	6.09	1.63	0.61	0.268	2.664	9.925	1117.	37.	11.	767.4	27.7	1
1495	0	404	37.4583	89.0525	-732.0	MCU	5.65	2.21	0.43	0.391	5.129	13.133	1086.	34.	9.	767.4	27.7	1
1496	0	404	37.4583	89.0532	-733.7	MCU	2.55	3.42	0.69	1.341	4.921	3.668	1199.	38.	12.	767.4	27.7	1
1497	10	396	37.4583	89.0540	-734.5	MCU	4.92	1.08	0.83	0.0	0.0	5.953	1318.	30.	9.	766.9	27.7	1
1498	10	432	37.4583	89.0547	-736.7	MCU	4.90	1.37	1.00	0.0	0.0	4.923	1512.	43.	12.	766.4	27.7	1
1499	0	436	37.4583	89.0554	-739.2	MCU	7.07	2.46	1.16	0.348	2.118	6.079	1648.	34.	13.	766.9	27.7	1
1500	0	428	37.4583	89.0562	-741.2	MCU	6.91	1.72	1.37	0.249	1.259	5.061	1744.	40.	14.	766.4	27.7	1
1501	10	428	37.4583	89.0569	-743.0	MCU	7.61	1.65	1.32	0.0	0.0	5.771	1664.	43.	16.	766.4	27.7	1
1502	0	424	37.4583	89.0577	-744.5	MCU	7.61	1.87	1.36	0.245	1.369	5.582	1777.	45.	16.	766.9	27.7	1
1503	0	428	37.4583	89.0584	-747.0	MCU	6.74	3.68	1.32	0.547	2.798	5.118	1732.	41.	11.	766.4	27.7	1
1504	10	428	37.4583	89.0592	-748.5	MCU	7.32	0.68	1.43	0.0	0.0	5.121	1797.	38.	14.	766.4	27.8	1
1505	0	416	37.4583	89.0599	-750.7	MCU	8.82	3.09	1.21	0.351	2.561	7.301	1742.	43.	12.	766.9	27.7	1
1506	0	408	37.4583	89.0607	-752.5	MCU	6.69	2.90	1.42	0.433	2.042	4.714	1754.	35.	10.	765.9	27.7	1
1507	0	404	37.4583	89.0614	-754.0	MCU	8.09	2.72	0.97	0.337	2.816	8.365	1738.	50.	10.	766.4	27.7	1
1508	0	400	37.4583	89.0622	-755.5	MCU	5.98	3.89	1.24	0.651	3.134	4.812	1737.	40.	12.	766.9	27.7	1
1509	0	396	37.4583	89.0629	-758.7	MCU	6.65	2.64	1.30	0.397	2.024	5.099	1708.	38.	10.	765.4	27.7	1
1510	0	392	37.4583	89.0636	-761.2	MCU	5.26	3.21	1.03	0.610	3.107	5.096	1649.	44.	12.	765.4	27.7	1
1511	0	392	37.4583	89.0644	-762.2	MCU	8.16	2.11	1.26	0.259	1.680	6.486	1680.	41.	11.	766.4	27.8	1
1512	0	380	37.4583	89.0651	-764.0	MCU	7.37	1.98	0.99	0.268	1.990	7.420	1618.	29.	10.	766.4	27.9	1
1513	0	364	37.4583	89.0659	-766.5	MCU	7.52	4.01	0.80	0.533	4.996	9.372	1507.	40.	6.	765.9	27.9	1
1514	10	372	37.4583	89.0667	-768.7	MCU	7.19	1.10	1.21	0.0	0.0	5.948	1570.	50.	12.	766.4	27.9	1
1515	0	416	37.4582	89.0674	-770.0	MCU	7.16	3.35	0.83	0.468	4.054	8.665	1638.	28.	12.	765.9	27.9	1
1516	0	416	37.4582	89.0681	-772.0	MCU	6.08	4.50	0.96	0.740	4.669	6.308	1522.	35.	7.	765.4	27.9	1
1517	10	380	37.4582	89.0688	-773.7	MCU	7.18	1.45	0.99	0.0	0.0	7.256	1512.	39.	13.	765.4	27.9	1
1518	0	360	37.4582	89.0696	-775.7	MCU	6.41	2.50	0.86	0.390	2.916	7.471	1411.	35.	10.	765.4	27.9	1
1519	10	364	37.4582	89.0704	-776.5	MCU	9.01	0.59	1.23	0.0	0.0	7.303	1478.	43.	13.	764.9	27.9	1
1520	10	408	37.4582	89.0711	-778.5	MCU	7.62	0.62	1.58	0.0	0.0	4.813	1710.	39.	16.	765.9	27.9	1
1521	0	412	37.4582	89.0719	-780.2	MCU	6.65	2.66	1.22	0.400	2.188	5.473	1749.	53.	14.	765.4	27.9	1
1522	0	412	37.4582	89.0726	-782.2	MCU	6.76	1.97	1.34	0.291	1.471	5.056	1688.	35.	15.	764.9	27.9	1
1523	0	428	37.4582	89.0733	-785.2	MCU	7.71	3.98	1.38	0.516	2.880	5.577	1799.	36.	13.	765.4	27.9	1
1524	10	428	37.4582	89.0742	-787.2	MCU	8.64	0.45	1.35	0.0	0.0	6.411	1757.	41.	13.	765.4	27.9	1
1525	0	416	37.4582	89.0749	-787.7	MCU	8.78	2.95	1.14	0.336	2.584	7.682	1778.	29.	16.	765.4	27.9	1
1526	0	408	37.4582	89.0756	-789.5	MCU	6.20	2.64	1.11	0.426	2.378	5.583	1649.	45.	15.	765.9	27.9	1
1527	0	404	37.4582	89.0764	-791.0	MCU	6.86	3.88	0.95	0.566	4.066	7.188	1559.	42.	8.	764.9	27.9	1
1528	0	400	37.4582	89.0771	-791.0	MCU	7.30	3.09	0.97	0.424	3.179	7.501	1559.	40.	13.	764.9	27.9	1
1529	0	404	37.4582	89.0778	-792.0	QAL	7.01	3.20	1.28	0.457	2.508	5.487	1595.	32.	4.	765.4	27.9	1
1530	0	404	37.4582	89.0786	-794.5	QAL	5.90	3.28	0.99	0.557	3.314	5.956	1555.	48.	8.	764.9	27.9	1
1531	0	416	37.4582	89.0794	-796.2	QAL	7.26	1.96	0.95	0.270	2.057	7.613	1589.	38.	6.	764.9	27.9	1
1532	0	416	37.4582	89.0800	-799.7	QAL	7.26	2.03	1.07	0.280	1.899	6.773	1565.	44.	8.	764.3	27.9	1
1533	0	392	37.4582	89.0808	-800.7	QAL	5.63	2.92	0.93	0.518	3.153	6.082	1393.	43.	5.	764.3	27.8	1
1534	0	420	37.4581	89.0815	-801.7	QAL	5.65	2.71	1.20	0.479	2.262	4.718	1448.	37.	4.	765.9	27.8	1
1535	0	428	37.4581	89.0824	-803.7	QAL	4.78	1.84	0.95	0.385	1.933	5.018	1446.	41.	6.	764.3	27.7	1
1536	0	444	37.4581	89.0831	-805.0	QAL	5.82	2.51	0.93	0.430	2.707	6.291	1359.	39.	3.	763.8	27.8	1
1537	0	460	37.4581	89.0838	-807.0	QAL	6.31	2.80	0.93	0.443	3.018	6.811	1378.	46.	4.	764.9	27.8	1

*	TAGS		* LOCATION		*			REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1538	0	496	37.4581	89.0846	-808.5		QAL	6.69	3.80	1.02	0.568	3.743	6.589	1531.	45.	4.	764.3	27.8	1
1539	0	512	37.4581	89.0853	-808.2		QAL	8.27	3.72	0.89	0.449	4.180	9.303	1634.	46.	4.	764.9	27.8	1
1540	0	496	37.4581	89.0860	-810.5		MCU	6.53	2.74	1.36	0.419	2.012	4.804	1590.	47.	6.	764.3	27.8	1
1541	0	484	37.4581	89.0868	-812.2		MCU	5.16	5.76	0.72	1.117	7.960	7.127	1570.	35.	4.	764.3	27.8	1
1542	0	476	37.4581	89.0876	-813.7		MCU	8.35	4.27	1.20	0.511	3.561	6.972	1625.	34.	0.	765.9	27.8	1
1543	0	448	37.4581	89.0883	-814.7		MCU	7.26	3.04	1.05	0.420	2.909	6.933	1562.	41.	3.	764.3	27.7	1
1544	0	436	37.4581	89.0890	-816.2		MCU	9.10	2.80	1.20	0.307	2.340	7.613	1573.	42.	0.	763.8	27.8	1
1545	0	428	37.4581	89.0898	-817.7		MCU	8.62	3.36	0.81	0.390	4.122	10.581	1529.	36.	0.	765.4	27.8	1
1546	0	420	37.4581	89.0905	-818.7		MCU	6.00	5.00	0.80	0.834	6.282	7.532	1464.	48.	0.	763.8	27.8	1
1547	0	432	37.4581	89.0913	-820.2		MCU	7.40	3.54	1.02	0.479	3.475	7.258	1475.	35.	2.	764.3	27.8	1
1548	0	472	37.4581	89.0920	-822.2		MCU	6.55	3.73	1.08	0.569	3.449	6.061	1544.	46.	3.	764.9	27.9	1
1549	0	500	37.4581	89.0928	-822.2		MCU	8.80	2.48	1.10	0.281	2.258	8.021	1582.	41.	5.	763.3	27.9	1
1550	0	488	37.4581	89.0935	-825.0		MCU	7.07	2.86	1.08	0.404	2.645	6.547	1653.	29.	6.	763.8	27.9	1
1551	0	460	37.4581	89.0942	-827.0		MCU	8.01	2.90	1.09	0.362	2.671	7.378	1679.	36.	6.	763.8	27.9	1
1552	0	440	37.4581	89.0950	-826.2		MCU	7.25	2.08	1.20	0.287	1.742	6.065	1672.	38.	5.	763.3	27.8	1
1553	0	432	37.4581	89.0957	-828.0		MCU	6.11	2.98	1.10	0.488	2.703	5.543	1607.	26.	5.	764.3	27.9	1
1554	0	428	37.4581	89.0966	-829.2		MCU	6.45	2.86	1.20	0.443	2.379	5.370	1623.	44.	6.	763.3	27.9	1
1555	0	424	37.4581	89.0973	-831.7		MCU	8.27	3.33	0.98	0.403	3.388	8.400	1673.	39.	7.	763.3	27.9	1
1556	0	420	37.4581	89.0980	-832.5		MCU	7.88	2.72	1.31	0.346	2.083	6.025	1592.	36.	7.	764.3	27.9	1
1557	0	416	37.4581	89.0987	-833.0		MCU	8.45	2.30	1.34	0.272	1.711	6.289	1656.	38.	4.	763.8	27.9	1
1558	10	408	37.4581	89.0995	-833.5		MCU	8.90	0.79	1.02	0.0	0.0	8.737	1525.	43.	7.	764.3	27.9	1
1559	0	380	37.4581	89.1002	-837.7		MCU	5.28	2.39	1.01	0.451	2.362	5.233	1472.	43.	3.	763.8	27.9	1
1560	0	380	37.4581	89.1010	-838.2		MCU	5.32	3.41	0.86	0.641	3.948	6.160	1335.	52.	1.	763.3	27.9	1
1561	0	388	37.4581	89.1017	-838.2		MCU	4.47	3.56	0.88	0.797	4.048	5.079	1339.	34.	1.	764.9	27.9	1
1562	0	404	37.4581	89.1025	-841.2		MCU	6.73	1.42	0.95	0.211	1.499	7.107	1369.	37.	0.	764.3	27.9	1
1563	0	376	37.4581	89.1032	-843.2		MCU	6.92	1.47	1.00	0.212	1.467	6.906	1271.	48.	0.	764.3	27.9	1
1564	0	356	37.4581	89.1039	-841.7		MCU	4.20	4.27	0.67	1.016	6.330	6.229	1374.	32.	0.	765.4	27.9	1
1565	0	332	37.4581	89.1048	-843.7		MCU	5.01	3.27	0.80	0.652	4.065	6.235	1388.	39.	0.	763.8	27.9	1
1566	0	336	37.4581	89.1055	-845.2		MCU	6.73	2.64	1.06	0.393	2.489	6.337	1461.	35.	0.	764.3	27.9	1
1567	0	376	37.4581	89.1062	-846.5		MCU	5.24	4.04	1.07	0.771	3.794	4.919	1548.	44.	3.	764.3	27.9	1
1568	0	380	37.4581	89.1070	-848.0		MCU	6.96	3.43	1.29	0.493	2.668	5.412	1678.	48.	2.	763.8	27.9	1
1569	0	368	37.4580	89.1077	-849.7		MCU	7.04	3.45	1.26	0.490	2.747	5.612	1758.	44.	0.	765.4	27.9	1
1570	0	360	37.4580	89.1084	-850.2		MCU	7.10	3.86	1.32	0.543	2.915	5.367	1698.	41.	0.	764.3	27.9	1
1571	0	368	37.4580	89.1092	-851.0		MCU	6.52	2.70	1.13	0.414	2.397	5.784	1611.	37.	4.	763.8	27.9	1
1572	0	372	37.4580	89.1099	-852.7		MCU	7.56	3.24	1.01	0.428	3.209	7.494	1522.	35.	0.	765.9	28.0	1
1573	0	376	37.4580	89.1107	-854.7		MCU	7.11	4.02	1.00	0.565	4.011	7.096	1533.	34.	5.	764.3	28.0	1
1574	0	388	37.4580	89.1114	-855.2		MCU	5.69	3.84	1.13	0.675	3.400	5.037	1667.	29.	3.	763.8	28.0	1
1575	0	388	37.4580	89.1122	-859.0		MCU	8.26	2.28	1.43	0.276	1.593	5.767	1737.	41.	6.	765.4	28.0	1
1576	0	384	37.4580	89.1130	-859.5		MCU	8.05	2.29	1.26	0.284	1.821	6.407	1753.	35.	3.	763.3	28.1	1
1577	0	384	37.4580	89.1137	-859.5		MCU	6.89	2.44	1.39	0.354	1.747	4.941	1726.	43.	3.	762.8	28.1	1
1578	0	372	37.4580	89.1144	-861.5		MCU	6.17	1.96	1.51	0.317	1.294	4.085	1780.	39.	5.	764.3	28.0	1
1579	0	364	37.4580	89.1152	-864.0		MCU	10.29	2.90	1.09	0.282	2.668	9.459	1801.	31.	3.	763.8	28.0	1
1580	0	364	37.4580	89.1159	-864.7		MCL	7.16	2.58	1.17	0.360	2.197	6.105	1730.	37.	4.	763.8	28.0	1
1581	0	372	37.4580	89.1167	-866.5		MCL	6.84	3.40	1.10	0.497	3.090	6.217	1612.	35.	1.	765.4	28.0	1
1582	0	380	37.4580	89.1174	-868.0		MCL	10.03	1.84	1.41	0.184	1.309	7.121	1826.	41.	3.	763.8	28.0	1
1583	0	368	37.4580	89.1181	-868.5		MCL	6.68	3.29	1.38	0.492	2.372	4.825	1750.	40.	4.	763.8	28.0	1
1584	0	364	37.4580	89.1189	-870.2		MCL	7.96	2.84	1.42	0.357	2.005	5.616	1757.	44.	2.	764.3	28.1	1
1585	0	360	37.4580	89.1197	-872.0		MCL	6.92	2.44	1.20	0.353	2.039	5.780	1580.	70.	4.	763.8	28.1	1
1586	10	372	37.4580	89.1204	-872.7		MCL	7.59	1.14	1.30	0.0	0.0	5.822	1644.	31.	5.	763.8	28.0	1
1587	0	400	37.4580	89.1212	-876.0		MCL	7.51	4.27	0.98	0.569	4.347	7.639	1696.	43.	4.	764.3	28.0	1
1588	10	424	37.4580	89.1219	-877.5		MCL	8.35	1.23	1.42	0.0	0.0	5.873	1580.	36.	9.	763.8	28.0	1
1589	0	440	37.4579	89.1227	-879.0		MCL	8.09	2.28	1.16	0.281	1.964	6.980	1627.	39.	11.	764.3	28.0	1
1590	0	436	37.4579	89.1234	-880.5		MCL	6.68	2.31	1.42	0.346	1.626	4.705	1702.	37.	13.	763.8	28.1	1

*	TAGS		* LOCATION		*		REDUCED DATA												*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS	
1591	0	436	37.4579	89.1241	-882.5	MCL	7.11	2.17	1.44	0.305	1.507	4.933	1756.	45.	15.	763.3	28.0	1	
1592	0	420	37.4579	89.1249	-883.5	MCL	7.73	4.15	1.00	0.537	4.138	7.706	1730.	36.	13.	764.9	28.1	1	
1593	0	420	37.4579	89.1256	-885.0	MCL	7.32	2.36	1.11	0.323	2.125	6.581	1710.	49.	8.	764.3	28.3	1	
1594	10	428	37.4579	89.1263	-887.0	MCL	7.56	1.33	1.68	0.0	0.0	4.504	1698.	31.	9.	763.8	28.3	1	
1595	0	440	37.4579	89.1272	-889.7	MCL	10.87	3.56	1.18	0.327	3.009	9.196	1786.	38.	6.	765.4	28.2	1	
1596	0	444	37.4579	89.1279	-891.2	MCL	7.36	3.83	1.04	0.520	3.691	7.103	1686.	44.	3.	764.3	28.2	1	
1597	0	444	37.4579	89.1286	-893.5	MCL	8.28	3.13	1.14	0.378	2.746	7.269	1674.	33.	1.	763.8	28.1	1	
1598	0	440	37.4579	89.1293	-895.5	MCL	9.23	2.65	1.34	0.288	1.975	6.868	1601.	52.	3.	765.4	28.1	1	
1599	0	424	37.4579	89.1301	-895.7	MCL	5.62	4.31	1.35	0.768	3.198	4.167	1740.	42.	1.	764.3	28.0	1	
1600	0	416	37.4579	89.1309	-898.0	MCL	7.19	2.21	1.28	0.307	1.727	5.621	1669.	42.	0.	762.8	28.0	1	
1601	0	404	37.4579	89.1316	-900.2	MCL	3.77	3.89	0.99	1.031	3.918	3.802	1534.	44.	6.	765.4	28.0	1	
1602	0	400	37.4579	89.1324	-902.7	MCL	6.62	3.33	0.82	0.503	4.042	8.039	1502.	32.	6.	764.3	28.1	1	
1603	0	408	37.4579	89.1331	-905.5	MCL	4.96	1.70	1.10	0.343	1.543	4.497	1425.	44.	7.	762.8	28.1	1	
1604	0	424	37.4579	89.1338	-908.7	MCL	4.93	2.19	1.08	0.445	2.034	4.572	1427.	50.	9.	764.9	28.2	1	
1605	10	404	37.4579	89.1345	-909.2	MCL	6.96	1.33	1.11	0.0	0.0	6.262	1486.	44.	12.	764.3	28.2	1	
1606	0	396	37.4579	89.1354	-911.0	MCL	7.07	2.49	0.97	0.352	2.560	7.262	1503.	38.	8.	762.3	28.3	1	
1607	0	392	37.4579	89.1361	-913.7	MCL	4.54	4.15	0.80	0.915	5.187	5.670	1414.	34.	7.	763.8	28.3	1	
1608	10	384	37.4578	89.1369	-916.2	MCL	7.06	1.03	1.01	0.0	0.0	6.987	1460.	38.	7.	763.8	28.3	1	
1609	0	388	37.4578	89.1376	-919.2	MCL	6.98	2.75	1.13	0.394	2.422	6.152	1440.	29.	8.	762.8	28.2	1	
1610	0	408	37.4578	89.1383	-921.7	MCL	3.57	2.92	1.10	0.818	2.654	3.242	1358.	44.	7.	764.3	28.1	1	
1611	0	440	37.4578	89.1391	-922.0	MCL	5.99	2.43	0.90	0.405	2.682	6.620	1496.	48.	13.	764.3	28.1	1	
1612	10	428	37.4578	89.1398	-924.2	MCL	6.03	1.46	1.35	0.0	0.0	4.454	1511.	30.	12.	762.8	28.1	1	
1613	0	404	37.4578	89.1405	-928.5	MCL	7.86	3.30	1.00	0.420	3.294	7.848	1458.	38.	5.	764.3	28.1	1	
1614	0	356	37.4578	89.1413	-930.0	MCL	7.03	2.77	1.04	0.393	2.654	6.749	1485.	43.	7.	764.3	28.1	1	
1615	0	320	37.4578	89.1420	-933.0	MCL	6.35	2.29	1.01	0.360	2.266	6.288	1377.	39.	7.	762.8	28.0	1	
1616	0	320	37.4578	89.1428	-933.2	MCL	6.21	2.60	0.87	0.418	2.986	7.135	1361.	30.	5.	764.3	28.1	1	
1617	0	304	37.4578	89.1436	-934.7	MCL	7.29	2.09	1.11	0.287	1.882	6.559	1424.	38.	4.	764.3	28.1	1	
1618	0	336	37.4578	89.1443	-938.7	MCL	6.19	3.35	1.26	0.542	2.665	4.920	1566.	39.	2.	762.8	28.2	1	
1619	0	360	37.4578	89.1451	-943.7	MCL	7.30	3.60	1.11	0.494	3.237	6.557	1634.	52.	1.	763.8	28.3	1	
1620	0	372	37.4578	89.1458	-944.2	MCL	5.79	3.52	1.41	0.609	2.498	4.104	1821.	38.	5.	764.3	28.3	1	
1621	0	388	37.4578	89.1465	-947.5	MCL	7.54	4.28	1.27	0.567	3.359	5.922	1760.	48.	0.	762.8	28.4	1	
1622	0	396	37.4578	89.1473	-951.2	MCL	6.42	4.20	1.28	0.654	3.287	5.026	1721.	38.	2.	762.8	28.5	1	
1623	0	384	37.4578	89.1480	-952.2	MCL	6.63	3.06	1.41	0.462	2.174	4.711	1672.	39.	3.	764.3	28.5	1	
1624	0	396	37.4578	89.1487	-955.0	MCL	6.35	3.60	1.49	0.568	2.414	4.253	1693.	37.	5.	762.8	28.5	1	
1625	0	416	37.4578	89.1496	-957.0	MCL	9.56	3.65	1.03	0.382	3.532	9.252	1758.	41.	6.	762.8	28.4	1	
1626	0	412	37.4577	89.1503	-958.7	MCL	8.29	1.94	1.56	0.234	1.247	5.325	1729.	48.	9.	764.3	28.4	1	
1627	0	408	37.4577	89.1510	-960.7	MCL	7.38	3.82	1.47	0.517	2.587	5.004	1756.	33.	8.	762.8	28.4	1	
1628	10	412	37.4577	89.1517	-964.7	MCL	9.54	0.96	1.35	0.0	0.0	7.077	1748.	42.	8.	762.8	28.4	1	
1629	0	412	37.4577	89.1525	-966.2	MCL	8.91	2.44	1.25	0.274	1.960	7.151	1706.	45.	9.	763.8	28.4	1	
1630	10	420	37.4577	89.1533	-968.2	MCL	8.27	1.08	1.80	0.0	0.0	4.605	1759.	45.	9.	762.3	28.4	1	
1631	0	412	37.4577	89.1540	-971.7	MCL	5.90	2.38	1.30	0.404	1.833	4.541	1754.	39.	12.	762.3	28.4	1	
1632	0	396	37.4577	89.1547	-973.7	MCL	6.70	2.60	1.18	0.388	2.206	5.684	1695.	35.	11.	764.3	28.4	1	
1633	0	388	37.4577	89.1555	-976.0	MCL	9.22	2.11	1.13	0.229	1.860	8.139	1692.	41.	6.	763.3	28.5	1	
1634	0	396	37.4577	89.1562	-978.2	MCL	8.44	2.52	1.19	0.298	2.117	7.100	1707.	35.	8.	762.8	28.6	1	
1635	0	416	37.4577	89.1569	-981.2	MCL	6.92	3.23	1.22	0.466	2.656	5.694	1612.	41.	7.	764.3	28.5	1	
1636	10	420	37.4577	89.1577	-982.5	MCL	9.94	1.47	1.05	0.0	0.0	9.441	1672.	36.	3.	763.3	28.5	1	
1637	0	416	37.4577	89.1585	-984.5	MCL	7.37	3.87	1.14	0.525	3.389	6.457	1704.	47.	4.	762.3	28.4	1	
1638	0	412	37.4577	89.1592	-986.7	MCL	8.13	3.35	1.37	0.412	2.444	5.936	1775.	45.	6.	763.8	28.4	1	
1639	0	408	37.4577	89.1600	-988.5	MCL	7.89	2.64	1.35	0.335	1.956	5.845	1649.	28.	4.	764.3	28.3	1	
1640	0	416	37.4577	89.1607	-991.7	MCL	6.66	4.39	1.26	0.660	3.490	5.289	1651.	44.	3.	762.8	28.3	1	
1641	0	428	37.4577	89.1615	-993.2	MCL	6.94	2.79	1.11	0.401	2.510	6.253	1735.	35.	8.	762.8	28.3	1	
1642	0	448	37.4577	89.1622	-996.0	MCL	9.52	2.70	1.29	0.283	2.091	7.379	1733.	38.	1.	763.8	28.4	1	
1643	0	468	37.4577	89.1629	-997.5	MCL	8.18	2.43	1.26	0.297	1.933	6.514	1694.	33.	5.	762.8	28.3	1	

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1644	0	480	37.4577	89.1637	-999.5	MCL	9.87	2.13	1.06	0.216	2.007	9.311	1556.	39.	6.	761.8	28.3	1
1645	0	480	37.4577	89.1644	-1002.7	MCL	5.16	2.39	1.33	0.463	1.802	3.892	1540.	34.	5.	762.8	28.3	1
1646	0	500	37.4577	89.1652	-1004.7	MCL	7.71	2.24	0.93	0.290	2.414	8.313	1628.	36.	8.	762.8	28.3	1
1647	0	512	37.4577	89.1659	-1005.2	MCL	6.83	3.33	1.15	0.488	2.898	5.940	1695.	40.	5.	761.2	28.2	1
1648	0	504	37.4577	89.1667	-1008.5	MCL	8.08	3.29	1.14	0.408	2.900	7.112	1650.	54.	9.	762.8	28.2	1
1649	0	512	37.4577	89.1675	-1010.5	MCL	7.45	3.22	1.26	0.432	2.546	5.891	1645.	44.	6.	762.8	28.3	1
1650	10	516	37.4577	89.1682	-1010.2	MCL	7.70	1.58	1.29	0.0	0.0	5.970	1656.	45.	10.	760.7	28.1	1
1651	10	496	37.4577	89.1689	-1011.7	MCL	8.37	1.80	1.29	0.0	0.0	6.474	1655.	42.	9.	761.8	28.0	1
1652	0	488	37.4577	89.1697	-1014.0	MCL	6.38	2.44	1.11	0.382	2.199	5.756	1638.	35.	8.	761.8	28.0	1
1653	0	480	37.4577	89.1704	-1015.2	MCL	6.16	3.02	1.10	0.490	2.734	5.579	1679.	38.	9.	759.7	28.0	1
1654	0	488	37.4577	89.1712	-1017.2	MCL	7.83	2.00	1.25	0.256	1.599	6.248	1677.	44.	11.	761.2	28.1	1
1655	10	504	37.4577	89.1719	-1017.7	MCL	8.00	-0.43	1.29	0.0	0.0	6.198	1566.	54.	11.	762.3	28.1	1
1656	10	512	37.4577	89.1727	-1018.0	MCL	5.37	1.24	1.68	0.0	0.0	3.199	1694.	47.	10.	760.2	28.1	1
1657	10	500	37.4577	89.1734	-1020.2	MCL	10.58	0.11	1.56	0.0	0.0	6.785	1677.	44.	7.	760.2	28.0	1
1658	0	496	37.4577	89.1742	-1021.2	MCL	6.79	2.07	1.24	0.305	1.678	5.496	1635.	44.	9.	762.3	28.0	1
1659	0	472	37.4576	89.1749	-1022.0	MCL	8.07	3.84	1.02	0.476	3.783	7.942	1628.	44.	2.	760.2	28.0	1
1660	0	440	37.4576	89.1757	-1023.5	MCL	6.45	2.88	1.16	0.446	2.481	5.566	1526.	35.	4.	760.2	28.0	1
1661	0	436	37.4576	89.1764	-1024.0	MCL	4.42	2.86	1.09	0.649	2.622	4.044	1451.	35.	5.	762.3	28.0	1
1662	10	424	37.4576	89.1771	-1025.0	MCL	7.17	1.43	0.84	0.0	0.0	8.527	1312.	38.	7.	761.2	28.1	1
1663	0	440	37.4576	89.1779	-1026.0	MCL	5.00	3.04	0.89	0.608	3.432	5.642	1432.	44.	5.	760.2	28.0	1
1664	0	444	37.4576	89.1786	-1026.0	MCL	6.20	1.90	0.83	0.306	2.290	7.480	1377.	57.	9.	761.2	28.0	1
1665	0	440	37.4576	89.1794	-1027.7	MCL	6.26	4.61	1.20	0.736	3.839	5.215	1580.	38.	5.	761.8	28.0	1
1666	0	448	37.4576	89.1802	-1029.0	MCL	4.85	3.08	1.23	0.634	2.496	3.939	1570.	47.	5.	760.7	28.0	1
1667	0	460	37.4576	89.1809	-1027.7	MCL	7.65	2.42	1.06	0.316	2.287	7.234	1688.	28.	9.	762.3	28.0	1
1668	0	472	37.4576	89.1816	-1029.0	MCL	8.01	1.99	1.35	0.248	1.475	5.943	1665.	35.	11.	762.3	28.1	1
1669	10	456	37.4576	89.1824	-1030.7	MCL	6.95	1.11	1.08	0.0	0.0	6.440	1641.	46.	9.	759.2	28.1	1
1670	10	456	37.4576	89.1831	-1031.0	MCL	9.12	1.53	1.17	0.0	0.0	7.815	1662.	32.	11.	760.7	28.1	1
1671	0	484	37.4576	89.1839	-1032.0	MCL	4.55	2.30	0.99	0.504	2.310	4.580	1568.	37.	14.	762.8	28.1	1
1672	10	464	37.4576	89.1846	-1032.5	MCL	7.29	1.32	1.04	0.0	0.0	6.996	1477.	32.	16.	760.7	28.0	1
1673	10	452	37.4576	89.1854	-1033.0	MCL	6.92	0.11	0.98	0.0	0.0	7.070	1504.	46.	20.	761.8	28.0	1
1674	10	464	37.4576	89.1861	-1032.2	MCL	5.42	0.86	1.15	0.0	0.0	4.715	1472.	46.	17.	762.8	28.0	1
1675	0	460	37.4576	89.1868	-1033.2	MCL	5.62	2.46	1.32	0.438	1.863	4.253	1689.	45.	13.	760.7	28.0	1
1676	10	456	37.4576	89.1877	-1035.0	MCL	7.63	-0.38	1.54	0.0	0.0	4.970	1675.	42.	15.	761.8	28.0	1
1677	10	468	37.4576	89.1884	-1034.5	MCL	9.77	0.69	1.50	0.0	0.0	6.521	1720.	57.	18.	762.8	28.0	1
1678	10	480	37.4576	89.1891	-1033.5	MCL	7.30	0.07	1.23	0.0	0.0	5.925	1648.	45.	15.	760.2	28.0	1
1679	10	492	37.4576	89.1899	-1036.0	MVU	8.02	1.62	1.22	0.0	0.0	6.577	1593.	32.	11.	761.2	28.0	1
1680	10	500	37.4576	89.1906	-1036.2	MVU	9.01	1.80	0.90	0.0	0.0	10.010	1539.	53.	9.	763.3	28.0	1
1681	0	500	37.4576	89.1913	-1035.5	MVU	7.39	3.36	1.05	0.455	3.194	7.013	1562.	39.	8.	760.7	28.0	1
1682	0	488	37.4575	89.1921	-1035.2	MVU	9.19	3.97	1.25	0.432	3.170	7.347	1742.	31.	6.	760.7	28.1	1
1683	10	484	37.4575	89.1928	-1036.0	MVU	8.09	1.02	1.17	0.0	0.0	6.924	1683.	43.	7.	762.3	28.1	1
1684	0	480	37.4575	89.1936	-1034.2	MVU	6.44	2.13	1.35	0.331	1.576	4.758	1740.	50.	7.	760.2	28.1	1
1685	10	472	37.4575	89.1943	-1035.0	MVU	8.03	1.60	1.35	0.0	0.0	5.968	1712.	36.	6.	759.2	28.1	1
1686	0	484	37.4575	89.1950	-1036.2	MVU	8.06	4.18	1.03	0.518	4.058	7.830	1676.	42.	3.	761.2	28.1	1
1687	0	468	37.4575	89.1958	-1036.0	MVU	3.49	3.92	1.31	1.121	3.000	2.676	1546.	42.	5.	760.2	28.1	1
1688	10	456	37.4575	89.1965	-1034.0	MVU	7.88	1.58	1.16	0.0	0.0	6.769	1563.	46.	6.	759.2	28.1	1
1689	0	448	37.4575	89.1973	-1034.2	MVU	4.48	1.82	1.26	0.406	1.440	3.544	1458.	40.	6.	762.3	28.1	1
1690	0	444	37.4575	89.1981	-1034.7	MVU	6.71	2.55	1.09	0.381	2.346	6.159	1504.	53.	7.	760.2	28.1	1
1691	10	448	37.4575	89.1988	-1034.2	MVU	8.81	1.63	1.21	0.0	0.0	7.280	1661.	42.	8.	759.2	28.1	1
1692	0	452	37.4575	89.1996	-1033.7	MVU	5.07	2.74	1.44	0.539	1.905	3.531	1674.	41.	4.	762.3	28.2	1
1693	0	448	37.4575	89.2003	-1033.2	MVU	9.49	3.50	1.10	0.369	3.196	8.655	1668.	37.	0.	762.3	28.2	1
1694	0	440	37.4575	89.2010	-1033.5	MVU	9.15	4.08	1.00	0.446	4.081	9.156	1674.	42.	2.	759.7	28.2	1
1695	0	432	37.4575	89.2018	-1033.0	MVU	5.10	2.40	1.20	0.471	1.998	4.247	1584.	41.	0.	760.7	28.2	1
1696	0	420	37.4575	89.2025	-1031.7	MVU	6.72	4.01	1.25	0.597	3.197	5.358	1696.	39.	0.	760.7	28.2	1

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TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1697	0	412	37.4575	89.2033	-1032.7	MVU	8.68	2.16	1.72	0.249	1.256	5.051	1752.	44.	2.	759.7	28.1	1
1698	0	416	37.4575	89.2040	-1030.5	MVU	6.91	4.43	1.18	0.641	3.762	5.865	1728.	39.	4.	761.8	28.1	1
1699	0	416	37.4575	89.2047	-1029.0	MVU	6.55	2.88	1.46	0.440	1.971	4.475	1745.	40.	2.	761.8	28.1	1
1700	0	412	37.4575	89.2055	-1029.2	MVU	7.82	2.02	1.12	0.258	1.803	6.982	1735.	48.	6.	758.7	28.1	1
1701	10	396	37.4574	89.2063	-1029.0	MVU	7.21	1.21	1.42	0.0	0.0	5.071	1646.	43.	7.	759.7	28.0	1
1702	0	388	37.4574	89.2070	-1025.5	MVU	7.30	1.97	1.17	0.270	1.686	6.254	1644.	33.	7.	762.8	28.1	1
1703	0	404	37.4574	89.2078	-1026.7	MVU	8.01	2.32	1.29	0.290	1.800	6.212	1684.	46.	10.	759.7	28.1	1
1704	0	416	37.4574	89.2086	-1028.0	MVU	8.26	3.12	1.15	0.377	2.710	7.186	1724.	41.	7.	759.7	28.2	1
1705	10	408	37.4574	89.2093	-1025.7	MVU	9.37	1.24	1.54	0.0	0.0	6.091	1751.	50.	13.	762.8	28.2	1
1706	0	400	37.4574	89.2101	-1024.7	MVU	6.87	3.30	1.29	0.480	2.561	5.332	1767.	33.	10.	761.8	28.2	1
1707	0	412	37.4574	89.2108	-1025.0	MVU	6.49	1.65	1.55	0.254	1.067	4.193	1743.	33.	16.	759.7	28.1	1
1708	0	432	37.4574	89.2116	-1024.5	MVU	9.84	1.98	1.22	0.202	1.629	8.081	1741.	37.	12.	761.2	28.2	1
1709	0	436	37.4573	89.2124	-1025.2	MVU	6.38	1.88	1.37	0.295	1.380	4.671	1739.	29.	14.	760.7	28.2	1
1710	0	436	37.4573	89.2131	-1025.5	MVU	8.42	2.41	1.18	0.287	2.040	7.120	1771.	48.	10.	759.7	28.2	1
1711	0	424	37.4573	89.2139	-1023.5	MVU	8.26	2.53	1.29	0.306	1.960	6.410	1711.	49.	6.	760.7	28.2	1
1712	0	424	37.4573	89.2146	-1023.5	MVU	6.45	3.21	1.38	0.497	2.330	4.688	1840.	36.	3.	761.8	28.2	1
1713	0	436	37.4573	89.2154	-1023.5	MVU	7.74	3.77	1.42	0.487	2.653	5.447	1751.	36.	0.	760.7	28.2	1
1714	0	440	37.4573	89.2162	-1023.7	MVU	7.61	3.18	1.20	0.417	2.637	6.321	1787.	46.	0.	759.7	28.2	1
1715	0	404	37.4573	89.2169	-1022.5	MVU	5.83	2.65	1.24	0.454	2.131	4.694	1473.	47.	1.	759.7	28.1	1
1716	0	404	37.4573	89.2177	-1022.7	MVU	7.36	3.59	1.32	0.488	2.725	5.585	1598.	40.	1.	759.2	28.1	1
1717	0	456	37.4573	89.2185	-1021.5	MVU	7.70	3.67	1.05	0.476	3.508	7.356	1676.	50.	2.	759.2	28.1	1
1718	0	464	37.4573	89.2192	-1019.7	MVU	6.38	2.91	1.41	0.456	2.058	4.513	1624.	43.	5.	760.2	28.1	1
1719	0	484	37.4573	89.2199	-1021.0	MVU	6.86	2.13	1.27	0.311	1.678	5.391	1521.	27.	9.	759.7	27.9	1
1720	10	504	37.4572	89.2208	-1021.2	MVU	7.68	1.32	0.90	0.0	0.0	8.501	1343.	39.	11.	758.7	27.9	1
1721	10	500	37.4572	89.2215	-1021.0	MVU	6.41	1.77	1.08	0.0	0.0	5.914	1401.	52.	12.	760.7	27.9	1
1722	10	480	37.4572	89.2223	-1020.2	MVU	6.62	0.87	1.15	0.0	0.0	5.767	1522.	45.	11.	760.7	27.9	1
1723	0	476	37.4572	89.2230	-1019.2	MVU	7.15	1.78	1.48	0.249	1.203	4.829	1620.	45.	11.	758.7	27.8	1
1724	0	492	37.4572	89.2238	-1020.0	MVU	8.01	4.16	1.07	0.519	3.883	7.480	1735.	41.	5.	759.7	27.9	1
1725	0	500	37.4572	89.2246	-1019.5	MVU	6.60	2.70	1.21	0.409	2.231	5.449	1620.	44.	8.	760.7	27.8	1
1726	0	484	37.4572	89.2253	-1020.5	MVU	6.32	3.64	1.30	0.576	2.807	4.874	1643.	32.	3.	759.2	27.8	1
1727	10	480	37.4572	89.2260	-1019.7	MVU	7.93	1.60	1.25	0.0	0.0	6.340	1644.	39.	4.	759.2	27.8	1
1728	0	464	37.4572	89.2268	-1019.7	MVU	7.01	2.28	1.51	0.325	1.506	4.637	1605.	42.	0.	760.2	27.8	1
1729	0	456	37.4572	89.2276	-1018.2	MVU	6.82	5.33	0.68	0.781	7.871	10.076	1519.	28.	0.	759.7	27.7	1
1730	0	460	37.4572	89.2283	-1017.7	MVU	7.83	3.01	1.19	0.384	2.526	6.570	1538.	41.	1.	758.7	27.8	1
1731	0	460	37.4572	89.2291	-1014.0	MVU	4.88	3.26	1.47	0.669	2.221	3.322	1491.	44.	1.	759.7	27.9	1
1732	0	468	37.4571	89.2299	-1007.7	MVU	5.21	4.27	1.11	0.821	3.842	4.683	1440.	35.	3.	759.7	27.9	1
1733	10	472	37.4571	89.2306	-1002.2	MVU	6.10	0.89	1.04	0.0	0.0	5.873	1328.	36.	5.	758.1	27.9	1
1734	0	480	37.4571	89.2314	-1001.7	MVU	5.20	2.16	1.04	0.416	2.084	5.004	1238.	37.	10.	759.2	27.9	1
1735	0	488	37.4571	89.2321	-1007.5	MVU	4.38	2.51	0.87	0.574	2.898	5.053	1248.	32.	10.	760.2	27.8	1
1736	0	500	37.4571	89.2329	-1017.5	MVU	4.65	2.19	1.10	0.470	1.995	4.242	1317.	32.	11.	758.7	27.8	1
1737	0	504	37.4571	89.2337	-1021.5	MVU	5.33	2.87	0.56	0.539	5.121	9.506	1092.	44.	11.	758.7	27.7	1
1738	10	492	37.4571	89.2344	-1016.2	MVU	3.67	1.31	0.64	0.0	0.0	5.717	997.	45.	9.	760.7	27.7	1
1739	0	476	37.4571	89.2351	-1011.7	MVU	3.48	2.21	0.82	0.634	2.683	4.232	1099.	33.	7.	759.7	27.6	1
1740	10	488	37.4570	89.2360	-1013.5	MVU	6.77	-0.25	0.95	0.0	0.0	7.161	1168.	52.	9.	758.7	27.6	1
1741	10	488	37.4570	89.2367	-1017.7	MVU	5.98	0.81	0.78	0.0	0.0	7.676	1220.	40.	10.	759.7	27.6	1
1742	0	484	37.4570	89.2375	-1018.5	MVU	4.45	2.32	0.61	0.521	3.790	7.276	1290.	41.	11.	759.7	27.6	1
1743	10	484	37.4570	89.2382	-1016.0	MVU	3.51	1.22	0.82	0.0	0.0	4.282	1202.	36.	11.	758.1	27.7	1
1744	10	484	37.4570	89.2390	-1015.0	MVU	4.07	-0.40	1.08	0.0	0.0	3.762	1175.	52.	12.	759.2	27.7	1
1745	0	492	37.4570	89.2398	-1012.5	MVU	2.06	2.87	0.96	1.390	3.001	2.158	1277.	37.	12.	760.7	27.7	1
1746	10	504	37.4570	89.2405	-1006.7	MVU	6.03	1.33	0.78	0.0	0.0	7.742	1298.	31.	5.	758.7	27.7	1
1747	0	500	37.4570	89.2412	-1004.0	MVU	4.30	2.96	0.61	0.690	4.879	7.072	1216.	45.	12.	757.6	27.6	1
1748	10	500	37.4570	89.2421	-1002.7	MVU	5.13	1.39	1.09	0.0	0.0	4.715	1306.	36.	10.	759.7	27.7	1
1749	0	508	37.4570	89.2428	-1001.0	MVU	4.48	3.26	0.98	0.727	3.333	4.584	1305.	46.	11.	759.7	27.7	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1750	10	512	37.4570	89.2436	-1000.2		MVU	6.36	0.24	1.18	0.0	0.0	5.402	1373.	44.	11.	758.7	27.7	1
1751	0	508	37.4570	89.2443	-1004.2		MVU	6.10	1.85	1.09	0.304	1.695	5.575	1433.	48.	10.	758.7	27.7	1
1752	0	504	37.4570	89.2451	-1008.5		MVU	4.70	2.71	0.88	0.578	3.097	5.357	1412.	36.	14.	758.7	27.6	1
1753	10	508	37.4570	89.2458	-1008.2		MVU	7.25	1.22	1.21	0.0	0.0	5.983	1460.	44.	12.	757.6	27.6	1
1754	0	508	37.4570	89.2466	-1007.2		MVU	7.39	2.72	0.98	0.367	2.774	7.551	1405.	43.	7.	758.7	27.6	1
1755	10	504	37.4569	89.2474	-1005.7		MVU	8.67	1.75	1.09	0.0	0.0	7.941	1432.	39.	10.	759.7	27.5	1
1756	0	504	37.4569	89.2481	-1004.7		MVU	5.49	1.89	0.99	0.345	1.908	5.527	1328.	36.	9.	758.7	27.5	1
1757	0	496	37.4569	89.2489	-1005.5		MVU	3.23	2.66	0.97	0.822	2.742	3.336	1366.	39.	10.	757.6	27.5	1
1758	0	500	37.4569	89.2496	-1005.2		MVU	6.04	3.44	1.07	0.569	3.210	5.638	1412.	45.	3.	758.7	27.5	1
1759	0	492	37.4569	89.2504	-1004.5		MVU	6.67	2.20	0.59	0.330	3.740	11.321	1368.	39.	6.	759.7	27.4	1
1760	10	480	37.4569	89.2511	-1003.5		MVU	7.67	1.41	0.86	0.0	0.0	8.884	1313.	54.	8.	758.7	27.5	1
1761	0	480	37.4569	89.2520	-1005.7		MVU	7.38	2.62	0.80	0.355	3.272	9.209	1347.	41.	7.	757.6	27.5	1
1762	10	500	37.4569	89.2527	-1007.2		MVU	4.96	1.12	1.14	0.0	0.0	4.346	1373.	55.	6.	759.7	27.5	1
1763	0	508	37.4568	89.2534	-1007.0		MVU	4.84	4.97	1.14	1.027	4.339	4.224	1496.	37.	1.	760.2	27.4	1
1764	0	500	37.4568	89.2542	-1004.7		MVU	5.07	2.88	0.82	0.569	3.506	6.161	1407.	44.	7.	758.1	27.4	1
1765	0	512	37.4568	89.2550	-998.2		MVU	5.74	3.47	1.12	0.605	3.092	5.108	1396.	47.	5.	758.1	27.4	1
1766	0	484	37.4568	89.2557	-983.7		MVU	5.75	2.58	0.92	0.449	2.812	6.258	1283.	43.	6.	759.2	27.4	1
1767	10	460	37.4568	89.2565	-981.2		MVU	5.25	0.14	1.35	0.0	0.0	3.872	1246.	48.	10.	758.7	27.4	1
1768	10	484	37.4568	89.2573	-996.7		MVU	4.29	0.61	1.26	0.0	0.0	3.416	1326.	41.	8.	758.7	27.4	1
1769	0	488	37.4568	89.2580	-1008.5		MVU	6.51	2.32	0.99	0.356	2.350	6.596	1410.	42.	9.	758.7	27.4	1
1770	10	464	37.4568	89.2588	-1009.7		MVU	5.81	0.96	0.98	0.0	0.0	5.914	1337.	36.	13.	759.7	27.4	1
1771	0	448	37.4568	89.2596	-1007.7		MVU	4.63	1.73	0.92	0.373	1.888	5.057	1333.	36.	14.	759.7	27.4	1
1772	10	472	37.4568	89.2603	-1006.7		MVU	4.87	0.22	1.19	0.0	0.0	4.101	1336.	39.	14.	758.7	27.5	1
1773	0	480	37.4568	89.2611	-1005.0		MVU	7.29	3.22	0.83	0.442	3.869	8.752	1404.	29.	10.	759.2	27.5	1
1774	10	488	37.4568	89.2618	-1002.2		MVU	3.13	1.62	1.10	0.0	0.0	2.856	1346.	36.	16.	759.2	27.6	1
1775	0	500	37.4568	89.2626	-1005.7		MVU	5.55	2.53	0.92	0.455	2.751	6.042	1369.	35.	12.	758.1	27.6	1
1776	0	508	37.4567	89.2633	-1009.7		MVU	5.27	3.45	0.73	0.654	4.718	7.210	1340.	50.	6.	759.2	27.7	1
1777	0	516	37.4567	89.2641	-1009.7		MVU	4.63	4.41	0.78	0.954	5.674	5.948	1353.	40.	7.	759.2	27.7	1
1778	0	536	37.4567	89.2648	-1009.0		MVU	6.67	3.78	0.98	0.567	3.876	6.833	1414.	44.	0.	758.1	27.7	1
1779	0	552	37.4567	89.2656	-1009.2		MVU	4.92	3.00	0.81	0.609	3.702	6.074	1373.	41.	2.	758.7	27.6	1
1780	0	568	37.4567	89.2664	-1011.0		MVU	6.55	2.95	0.90	0.450	3.293	7.313	1366.	49.	3.	759.7	27.6	1
1781	0	576	37.4567	89.2671	-1009.2		MVM-1	6.88	2.18	1.25	0.317	1.739	5.482	1497.	34.	6.	758.7	27.6	1
1782	10	584	37.4567	89.2679	-1010.5		MVM-1	7.10	1.02	0.90	0.0	0.0	7.905	1358.	52.	10.	758.1	27.6	1
1783	0	576	37.4567	89.2686	-1010.5		MVM-1	6.02	2.55	0.96	0.424	2.664	6.285	1455.	36.	7.	760.2	27.6	1
1784	0	544	37.4567	89.2694	-1011.0		MVM-1	2.88	3.35	1.07	1.161	3.142	2.705	1365.	41.	10.	760.7	27.6	1
1785	10	536	37.4567	89.2702	-1010.2		MVM-1	6.32	1.25	0.94	0.0	0.0	6.714	1404.	37.	13.	758.7	27.7	1
1786	0	540	37.4566	89.2709	-1010.5		MVM-1	3.74	2.12	0.78	0.566	2.703	4.773	1371.	37.	18.	758.7	27.6	1
1787	0	540	37.4566	89.2717	-1011.2		MVM-1	6.93	2.94	0.59	0.424	5.014	11.821	1446.	46.	15.	760.7	27.6	1
1788	0	556	37.4566	89.2725	-1013.5		MVM-1	5.82	2.07	0.94	0.356	2.213	6.213	1473.	35.	13.	760.7	27.7	1
1789	0	560	37.4566	89.2733	-1012.5		MVM-1	5.91	2.91	1.19	0.493	2.449	4.972	1447.	36.	15.	758.7	27.7	1
1790	0	564	37.4566	89.2740	-1012.0		MVM-1	5.87	2.33	1.05	0.397	2.216	5.586	1417.	40.	17.	758.7	27.8	1
1791	0	572	37.4566	89.2747	-1011.7		MVM-1	6.43	3.71	0.73	0.576	5.099	8.852	1586.	33.	18.	759.7	27.9	1
1792	0	584	37.4566	89.2755	-1009.5		MVM-1	7.72	4.16	0.83	0.538	5.008	9.305	1587.	48.	16.	759.2	27.9	1
1793	10	584	37.4566	89.2763	-1008.0		MVM-1	7.84	-0.37	1.06	0.0	0.0	7.407	1655.	39.	22.	759.2	27.9	1
1794	10	580	37.4565	89.2771	-1007.5		MVM-1	5.70	1.69	1.08	0.0	0.0	5.275	1591.	41.	18.	760.2	27.9	1
1795	10	580	37.4565	89.2778	-1005.7		MVM-1	5.50	1.86	1.14	0.0	0.0	4.808	1659.	46.	22.	760.2	27.8	1
1796	10	572	37.4565	89.2786	-1004.7		MVM-1	5.36	0.16	1.34	0.0	0.0	3.994	1570.	31.	22.	758.1	27.8	1
1797	10	568	37.4565	89.2793	-1005.2		MVM-1	8.09	1.70	1.09	0.0	0.0	7.451	1529.	39.	17.	759.2	27.8	1
1798	0	544	37.4565	89.2801	-1006.0		MVM-1	5.34	2.85	1.14	0.535	2.512	4.699	1542.	39.	16.	761.2	27.8	1
1799	0	576	37.4565	89.2808	-1003.2		MVM-1	3.37	3.76	1.14	1.113	3.293	2.958	1551.	41.	15.	760.7	27.8	1
1800	0	572	37.4565	89.2816	-1001.2		MVM-1	6.98	2.85	1.07	0.409	2.663	6.510	1592.	39.	14.	759.7	27.8	1
1801	0	564	37.4565	89.2823	-1000.7		QAL	6.02	2.72	1.16	0.452	2.346	5.188	1600.	38.	7.	760.7	27.8	1
1802	0	564	37.4565	89.2831	-999.5		QAL	5.05	2.02	0.94	0.401	2.153	5.371	1522.	39.	11.	761.8	27.8	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1803	0	568	37.4565	89.2839	-999.2	QAL	6.53	4.51	0.96	0.691	4.678	6.769	1606.	46.	4.	760.7	27.8	1
1804	10	556	37.4565	89.2846	-999.2	QAL	9.77	1.66	1.26	0.0	0.0	7.732	1626.	45.	9.	760.7	27.8	1
1805	0	540	37.4565	89.2854	-998.5	QAL	5.78	4.88	0.79	0.844	6.187	7.327	1608.	60.	6.	761.8	27.8	1
1806	10	532	37.4565	89.2861	-998.7	QAL	9.58	1.81	1.34	0.0	0.0	7.135	1701.	31.	5.	761.8	27.8	1
1807	0	504	37.4565	89.2869	-997.5	QAL	8.37	2.09	1.35	0.249	1.540	6.180	1686.	48.	3.	760.7	27.8	1
1808	0	480	37.4565	89.2876	-997.2	MVM-1	7.12	2.28	1.22	0.321	1.874	5.847	1695.	35.	6.	761.8	27.9	1
1809	0	460	37.4565	89.2885	-997.0	MVM-1	5.78	2.74	1.22	0.473	2.251	4.757	1716.	33.	6.	762.8	27.9	1
1810	0	444	37.4564	89.2892	-995.0	MVM-1	6.65	4.63	0.78	0.696	5.917	8.496	1580.	42.	8.	760.7	27.9	1
1811	0	440	37.4564	89.2899	-995.0	MVM-1	6.82	2.75	1.01	0.403	2.727	6.761	1570.	46.	8.	761.2	27.9	1
1812	0	444	37.4564	89.2907	-995.5	MVM-1	6.69	1.91	1.50	0.285	1.273	4.464	1646.	37.	8.	763.3	27.8	1
1813	10	452	37.4564	89.2915	-996.0	MVM-1	6.96	-0.00	1.67	0.0	0.0	4.175	1595.	48.	8.	761.2	27.8	1
1814	0	480	37.4564	89.2922	-995.7	MVM-1	7.60	2.62	1.07	0.345	2.454	7.114	1603.	33.	13.	760.7	27.9	1
1815	0	484	37.4564	89.2930	-994.7	MVM-1	5.32	3.15	1.31	0.593	2.399	4.045	1656.	40.	10.	762.8	28.0	1
1816	10	460	37.4564	89.2937	-994.7	MVM-1	8.92	-0.99	1.20	0.0	0.0	7.407	1444.	51.	14.	761.8	28.0	1
1817	0	444	37.4564	89.2945	-994.2	MVM-1	5.28	2.33	0.91	0.442	2.571	5.813	1372.	39.	10.	760.7	28.0	1
1818	10	476	37.4563	89.2953	-993.7	MVM-1	7.56	1.51	1.27	0.0	0.0	5.945	1538.	42.	12.	761.8	28.1	1
1819	10	400	37.4563	89.2961	-993.5	MVM-1	6.39	0.71	1.21	0.0	0.0	5.281	1381.	50.	10.	763.3	28.1	1
1820	10	372	37.4563	89.2968	-993.5	MVM-1	5.27	0.83	1.32	0.0	0.0	3.998	1306.	43.	8.	762.3	28.2	1
1821	0	348	37.4563	89.2976	-991.2	MVM-1	5.69	2.13	1.02	0.374	2.087	5.584	1301.	46.	6.	760.2	28.2	1
1822	0	372	37.4563	89.2983	-991.5	MVM-1	5.32	1.93	1.14	0.362	1.699	4.687	1316.	35.	8.	761.2	28.3	1
1823	0	376	37.4563	89.2991	-992.2	MVM-1	5.94	2.14	0.95	0.360	2.262	6.279	1361.	34.	5.	762.3	28.3	1
1824	0	332	37.4563	89.2998	-990.5	MVM-1	5.07	2.99	0.74	0.590	4.061	6.880	1264.	33.	2.	760.2	28.2	1
1825	0	328	37.4563	89.3006	-989.5	MVM-1	6.58	1.47	0.77	0.223	1.907	8.554	1192.	46.	5.	760.7	28.2	1
1826	10	380	37.4562	89.3014	-989.5	MVM-1	5.55	0.60	1.11	0.0	0.0	5.019	1297.	41.	7.	762.8	28.3	1
1827	0	408	37.4562	89.3021	-988.5	MVM-1	6.22	3.56	0.78	0.571	4.581	8.016	1423.	32.	4.	761.8	28.3	1
1828	0	440	37.4562	89.3029	-989.5	DU	4.63	4.48	1.12	0.966	3.991	4.131	1513.	43.	2.	760.7	28.3	1
1829	0	456	37.4562	89.3036	-989.5	DU	8.13	3.93	1.24	0.484	3.174	6.560	1668.	36.	4.	762.8	28.3	1
1830	0	512	37.4562	89.3044	-988.0	DU	5.95	4.29	1.45	0.721	2.947	4.090	1833.	38.	5.	762.8	28.3	1
1831	0	516	37.4562	89.3051	-987.0	DU	8.83	4.96	1.38	0.561	3.590	6.398	1852.	27.	5.	761.8	28.4	1
1832	0	520	37.4562	89.3059	-987.2	DU	8.51	2.62	1.54	0.308	1.705	5.543	1741.	42.	6.	761.8	28.5	1
1833	0	492	37.4562	89.3067	-987.7	DU	7.69	1.75	1.37	0.227	1.273	5.596	1733.	35.	2.	762.8	28.4	1
1834	0	500	37.4562	89.3075	-985.2	DU	6.87	2.82	1.19	0.410	2.362	5.760	1593.	40.	7.	762.8	28.4	1
1835	0	432	37.4562	89.3082	-985.0	DU	5.72	2.03	0.96	0.354	2.110	5.959	1403.	37.	7.	761.8	28.4	1
1836	0	420	37.4562	89.3090	-984.2	DU	7.64	1.79	1.03	0.234	1.743	7.452	1379.	40.	9.	761.8	28.4	1
1837	0	404	37.4562	89.3098	-984.2	DU	4.24	3.98	0.94	0.937	4.245	4.528	1419.	33.	6.	763.8	28.3	1
1838	10	392	37.4562	89.3105	-984.2	DU	5.63	0.73	1.13	0.0	0.0	4.995	1372.	29.	8.	762.8	28.3	1
1839	0	404	37.4562	89.3112	-983.2	DU	3.87	2.37	1.11	0.612	2.125	3.473	1325.	43.	6.	761.8	28.3	1
1840	10	408	37.4562	89.3120	-983.5	DU	7.04	1.32	0.86	0.0	0.0	8.188	1363.	36.	6.	763.8	28.4	1
1841	10	392	37.4561	89.3128	-983.2	DU	5.94	0.85	0.99	0.0	0.0	5.968	1236.	47.	8.	764.3	28.4	1
1842	0	344	37.4561	89.3136	-981.2	DU	5.01	1.43	0.76	0.284	1.881	6.616	1117.	47.	7.	762.8	28.4	1
1843	0	324	37.4561	89.3143	-980.2	DU	3.21	1.73	0.94	0.538	1.845	3.428	1194.	32.	6.	762.8	28.4	1
1844	10	340	37.4561	89.3151	-981.0	DU	4.67	0.98	0.98	0.0	0.0	4.771	1132.	53.	6.	764.3	28.3	1
1845	0	348	37.4561	89.3158	-980.2	DU	5.16	2.41	0.67	0.468	3.595	7.683	1160.	32.	3.	764.3	28.3	1
1846	10	368	37.4561	89.3166	-980.2	DU	4.54	0.55	1.08	0.0	0.0	4.184	1142.	46.	9.	763.3	28.4	1
1847	10	380	37.4561	89.3173	-980.0	DU	4.82	0.18	0.92	0.0	0.0	5.252	1191.	35.	11.	763.3	28.5	1
1848	10	396	37.4561	89.3181	-979.2	DU	5.60	0.58	1.05	0.0	0.0	5.329	1277.	45.	10.	764.9	28.5	1
1849	0	412	37.4560	89.3189	-978.7	DU	4.02	2.12	0.92	0.527	2.317	4.396	1373.	30.	12.	764.3	28.5	1
1850	10	432	37.4560	89.3196	-978.0	DU	7.30	0.06	1.05	0.0	0.0	6.931	1293.	52.	13.	762.8	28.5	1
1851	10	420	37.4560	89.3204	-977.0	DU	4.74	1.40	0.92	0.0	0.0	5.166	1271.	38.	12.	764.3	28.5	1
1852	0	456	37.4560	89.3211	-976.5	DU	7.25	3.07	0.78	0.423	3.958	9.350	1390.	34.	7.	764.3	28.5	1
1853	0	460	37.4560	89.3219	-974.5	DU	6.68	2.51	0.93	0.376	2.694	7.166	1477.	41.	11.	762.8	28.5	1
1854	10	452	37.4560	89.3227	-974.2	QAL	6.30	1.31	1.18	0.0	0.0	5.349	1380.	22.	11.	762.8	28.5	1
1855	0	480	37.4560	89.3234	-973.2	QAL	6.69	1.78	1.25	0.266	1.418	5.336	1413.	34.	6.	765.4	28.5	1

CP9 IP 12
CP9 IP 12

*	TAGS		* LOCATION		*			REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1856	10	528	37.4560	89.3241	-972.0		QAL	8.95	1.38	0.94	0.0	0.0	9.569	1410.	38.	7.	764.3	28.5	1
1857	0	532	37.4559	89.3250	-970.7		QAL	7.44	3.91	0.79	0.526	4.946	9.410	1446.	36.	7.	762.8	28.4	1
1858	10	532	37.4559	89.3257	-971.5		QAL	5.59	1.05	1.32	0.0	0.0	4.242	1474.	40.	7.	764.3	28.4	1
1859	0	532	37.4559	89.3264	-970.5		QAL	4.42	3.50	1.12	0.792	3.114	3.933	1427.	51.	6.	765.9	28.4	1
1860	0	528	37.4559	89.3272	-970.0		QAL	5.43	3.62	0.96	0.667	3.778	5.663	1445.	44.	7.	764.9	28.5	1
1861	0	524	37.4559	89.3280	-970.0		QAL	5.94	3.88	1.09	0.654	3.558	5.438	1566.	36.	5.	763.3	28.4	1
1862	0	520	37.4559	89.3288	-969.5		QAL	5.26	3.13	1.08	0.596	2.915	4.894	1565.	22.	11.	764.9	28.4	1
1863	0	512	37.4559	89.3295	-969.0		QAL	4.88	3.66	1.39	0.751	2.630	3.501	1537.	42.	3.	765.9	28.4	1
1864	0	500	37.4559	89.3302	-967.5		QAL	6.64	2.91	0.98	0.438	2.960	6.754	1527.	41.	10.	764.3	28.4	1
1865	0	492	37.4559	89.3311	-967.5		QAL	5.93	3.11	0.95	0.524	3.266	6.231	1417.	37.	9.	764.3	28.4	1
1866	10	488	37.4559	89.3318	-966.7		QAL	6.71	1.07	1.28	0.0	0.0	5.251	1501.	46.	9.	766.4	28.5	1
1867	10	476	37.4559	89.3326	-965.0		QAL	4.90	1.30	1.06	0.0	0.0	4.610	1390.	33.	10.	766.4	28.5	1
1868	0	468	37.4559	89.3333	-962.5		QAL	5.87	3.36	0.84	0.572	3.979	6.957	1404.	36.	8.	765.9	28.5	1
1869	0	468	37.4559	89.3341	-961.7		QAL	5.35	2.91	0.92	0.545	3.164	5.809	1395.	43.	5.	766.9	28.5	1
1870	10	412	37.4559	89.3348	-961.2		DU	4.87	0.90	0.94	0.0	0.0	5.202	1343.	32.	6.	768.0	28.5	1
1871	0	376	37.4559	89.3356	-961.7		DU	5.70	1.48	0.97	0.260	1.527	5.877	1297.	30.	4.	766.9	28.5	1
1872	0	376	37.4558	89.3364	-962.0		DU	4.77	1.95	0.92	0.409	2.122	5.187	1213.	38.	5.	765.9	28.5	1
1873	0	368	37.4558	89.3371	-961.5		DU	2.67	2.71	0.90	1.015	3.008	2.963	1202.	49.	8.	766.9	28.5	1
1874	0	368	37.4558	89.3379	-962.0		DU	4.52	1.46	0.71	0.324	2.052	6.340	1116.	41.	9.	769.0	28.5	1
1875	0	412	37.4558	89.3386	-960.5		DU	5.04	1.80	1.04	0.357	1.724	4.833	1338.	35.	6.	766.9	28.5	1
1876	0	440	37.4558	89.3394	-960.0		DU	6.83	2.79	1.09	0.409	2.557	6.257	1536.	30.	10.	765.9	28.5	1
1877	10	440	37.4558	89.3402	-959.2		DU	9.06	1.00	1.14	0.0	0.0	7.974	1523.	35.	7.	768.0	28.6	1
1878	10	436	37.4558	89.3409	-960.7		DU	5.35	1.14	1.34	0.0	0.0	3.989	1500.	41.	7.	768.0	28.7	1
1879	0	436	37.4558	89.3416	-957.7		DU	7.66	2.43	0.97	0.318	2.519	7.929	1521.	45.	0.	766.9	28.8	1
1880	0	440	37.4557	89.3424	-956.7		DU	7.56	2.37	1.24	0.313	1.914	6.106	1421.	50.	4.	766.9	28.8	1
1881	0	452	37.4557	89.3432	-956.2		DU	5.95	2.74	0.96	0.460	2.840	6.179	1495.	42.	7.	768.0	28.8	1
1882	0	456	37.4557	89.3440	-956.2		QAL	6.35	1.91	1.25	0.300	1.527	5.094	1485.	39.	5.	768.0	28.8	1
1883	0	460	37.4557	89.3447	-954.7		QAL	6.77	4.49	1.21	0.663	3.699	5.577	1556.	33.	4.	765.9	28.8	1
1884	0	460	37.4557	89.3455	-953.2		QAL	5.46	2.97	1.37	0.544	2.163	3.977	1546.	32.	5.	765.9	28.8	1
1885	0	464	37.4557	89.3463	-951.7		QAL	6.16	2.05	1.32	0.333	1.550	4.661	1566.	42.	7.	766.9	28.8	1
1886	0	464	37.4557	89.3470	-951.2		QAL	9.08	1.70	1.31	0.188	1.302	6.940	1603.	42.	4.	766.4	28.9	1
1887	10	468	37.4557	89.3477	-952.2		QAL	8.16	1.36	1.36	0.0	0.0	6.017	1576.	50.	4.	765.4	28.8	1
1888	0	468	37.4556	89.3486	-951.0		QAL	6.50	2.41	1.34	0.371	1.797	4.844	1662.	37.	8.	766.4	28.8	1
1889	0	468	37.4556	89.3493	-949.5		QAL	6.12	2.38	1.66	0.388	1.434	3.694	1601.	45.	8.	767.4	28.8	1
1890	0	468	37.4556	89.3501	-950.7		QAL	7.41	2.91	1.19	0.392	2.452	6.250	1601.	28.	5.	766.4	28.8	1
1891	0	468	37.4556	89.3508	-949.2		QAL	5.11	3.20	1.61	0.625	1.988	3.178	1649.	44.	5.	765.4	28.8	1
1892	0	468	37.4556	89.3516	-948.0		QAL	5.89	4.69	1.21	0.796	3.863	4.855	1655.	32.	6.	766.4	28.9	1
1893	0	464	37.4556	89.3523	-947.5		QAL	5.80	2.34	1.34	0.403	1.743	4.321	1599.	37.	5.	767.4	28.9	1
1894	0	460	37.4556	89.3531	-946.2		QAL	5.98	2.11	1.34	0.352	1.574	4.471	1649.	35.	2.	766.4	28.9	1
1895	0	456	37.4556	89.3538	-945.5		QAL	8.12	3.92	1.39	0.483	2.826	5.850	1645.	38.	0.	764.9	28.9	1
1896	0	392	37.4556	89.3545	-945.2		QAL	6.27	3.02	1.32	0.482	2.287	4.749	1419.	43.	0.	766.9	29.0	1
1897	0	372	37.4556	89.3553	-945.0		QAL	5.18	1.38	1.28	0.266	1.073	4.038	1358.	34.	0.	768.0	29.0	1
1898	0	360	37.4556	89.3560	-943.7		QAL	5.52	1.93	1.24	0.349	1.553	4.453	1295.	36.	1.	765.4	29.0	1
1899	0	332	37.4556	89.3567	-943.7		DU	5.56	2.14	1.12	0.385	1.918	4.978	1214.	46.	2.	765.4	29.0	1
1900	0	280	37.4556	89.3574	-943.0		DU	3.94	1.95	1.01	0.494	1.930	3.902	1269.	37.	5.	768.0	29.0	1
1901	0	276	37.4556	89.3581	-941.7		DU	3.28	1.78	1.07	0.542	1.659	3.057	1199.	32.	6.	766.9	28.9	1
1902	0	292	37.4556	89.3588	-942.5		DU	3.87	2.59	0.83	0.669	3.118	4.663	1186.	37.	1.	764.9	28.9	1
1903	10	308	37.4556	89.3595	-942.2		DU	4.41	0.82	0.96	0.0	0.0	4.574	1248.	41.	6.	766.9	28.8	1
1904	0	304	37.4556	89.3602	-940.7		DU	6.06	1.31	1.04	0.216	1.263	5.839	1234.	33.	5.	768.0	28.8	1
1905	0	260	37.4556	89.3610	-940.2		DU	6.73	1.25	1.05	0.185	1.184	6.389	1215.	40.	3.	766.4	28.8	1
1906	0	308	37.4556	89.3617	-939.7		DU	5.46	1.51	0.94	0.276	1.601	5.801	1269.	40.	5.	766.4	28.8	1
1907	0	284	37.4556	89.3624	-938.0		DU	4.51	2.67	0.98	0.592	2.738	4.627	1254.	43.	4.	768.5	28.8	1
1908	0	256	37.4556	89.3631	-937.2		DU	5.52	1.50	0.87	0.272	1.729	6.365	1206.	37.	7.	767.4	28.8	1

CP 9 1P 12
CP 9 1P 12

* TAGS			* LOCATION				* REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1909	0	232	37.4556	89.3638	-938.5	DU	3.75	2.07	0.77	0.551	2.667	4.841	1129.	42.	4.	765.4	28.8	1
1910	0	280	37.4556	89.3645	-936.2	DU	5.61	1.59	0.75	0.283	2.121	7.493	1173.	43.	7.	767.4	28.8	1
1911	10	352	37.4557	89.3652	-936.0	DU	4.20	0.58	1.15	0.0	0.0	3.643	1306.	30.	14.	769.5	28.8	1
1912	10	428	37.4557	89.3659	-936.2	DU	5.24	0.74	1.48	0.0	0.0	3.532	1455.	40.	17.	767.4	28.8	1
1913	10	468	37.4556	89.3667	-936.2	DU	6.66	1.33	1.43	0.0	0.0	4.663	1513	34.	15.	766.4	28.8	1
1914	0	468	37.4556	89.3674	-936.0	QAL	3.58	3.30	1.14	0.923	2.895	3.138	1472.	44.	15.	768.5	28.8	1
1915	0	464	37.4556	89.3681	-934.5	QAL	5.17	2.17	1.27	0.419	1.706	4.074	1563.	40.	15.	767.4	28.8	1
1916	0	472	37.4556	89.3688	-936.0	QAL	6.54	2.52	1.40	0.386	1.804	4.676	1689.	40.	13.	766.4	28.8	1
1917	10	476	37.4556	89.3694	-934.5	QAL	6.60	0.92	1.81	0.0	0.0	3.644	1708.	38.	12.	766.4	28.8	1
1918	0	480	37.4556	89.3702	-933.2	QAL	6.64	2.05	1.84	0.308	1.114	3.618	1763.	43.	10.	768.5	28.8	1
1919	0	484	37.4556	89.3709	-933.2	QAL	8.73	2.75	1.47	0.315	1.872	5.937	1885.	40.	8.	768.5	28.8	1
1920	0	484	37.4556	89.3716	-932.2	QAL	7.75	3.88	1.51	0.500	2.568	5.135	1866.	28.	4.	766.4	28.8	1
1921	0	480	37.4556	89.3723	-932.7	QAL	9.37	2.46	1.52	0.262	1.613	6.155	1837.	34.	4.	765.9	28.7	1
1922	0	476	37.4556	89.3730	-932.7	QAL	8.43	3.66	1.36	0.434	2.695	6.203	1878.	32.	3.	768.0	28.8	1
1923	10	476	37.4556	89.3738	-933.0	QAL	8.76	1.18	1.84	0.0	0.0	4.763	1851.	36.	2.	768.0	28.8	1
1924	0	480	37.4556	89.3744	-931.7	QAL	9.10	4.11	1.28	0.452	3.219	7.126	1808.	32.	3.	766.4	28.8	1
1925	0	484	37.4556	89.3751	-931.0	QAL	6.34	4.15	1.36	0.654	3.043	4.649	1763.	32.	3.	767.4	28.8	1
1926	0	484	37.4556	89.3758	-931.7	QAL	4.84	3.05	1.71	0.630	1.783	2.830	1779.	35.	5.	768.5	28.8	1
1927	0	488	37.4557	89.3766	-930.7	QAL	6.94	4.63	1.26	0.667	3.660	5.485	1695.	34.	5.	766.4	28.8	1
1928	0	492	37.4557	89.3773	-930.0	QAL	6.93	2.33	1.42	0.336	1.635	4.867	1629.	37.	7.	766.4	28.8	1
1929	0	492	37.4557	89.3780	-930.2	QAL	7.72	1.95	1.37	0.253	1.427	5.647	1488.	38.	7.	766.4	28.7	1
1930	0	484	37.4557	89.3787	-931.0	QAL	5.89	2.25	1.05	0.382	2.139	5.602	1443.	34.	8.	766.4	28.8	1
1931	0	488	37.4557	89.3794	-930.2	QAL	3.68	2.41	1.02	0.653	2.368	3.625	1391.	40.	11.	765.4	28.8	1
1932	0	492	37.4557	89.3801	-932.0	QAL	6.63	2.54	1.14	0.383	2.223	5.801	1414.	39.	7.	765.4	28.8	1
1933	10	496	37.4556	89.3808	-931.7	QAL	6.82	1.28	1.06	0.0	0.0	6.456	1382.	37.	8.	767.4	28.8	1
1934	0	500	37.4556	89.3816	-930.5	QAL	4.51	2.92	1.23	0.647	2.367	3.656	1574.	33.	8.	767.4	28.9	1
1935	0	500	37.4556	89.3823	-931.0	QAL	6.08	2.99	1.13	0.492	2.645	5.372	1613.	34.	12.	765.4	28.8	1
1936	0	500	37.4556	89.3830	-931.0	QAL	5.99	4.15	1.10	0.693	3.773	5.441	1720.	34.	14.	766.4	28.8	1
1937	0	496	37.4556	89.3837	-929.5	QAL	6.57	4.16	1.23	0.633	3.372	5.330	1717.	40.	11.	767.4	28.7	1
1938	0	496	37.4556	89.3844	-930.0	QAL	6.90	2.50	1.50	0.362	1.665	4.598	1855.	45.	15.	766.4	28.7	1
1939	10	488	37.4556	89.3851	-931.0	QAL	7.86	1.13	1.96	0.0	0.0	4.019	1875.	46.	14.	765.4	28.6	1
1940	10	484	37.4556	89.3858	-931.7	QAL	3.51	1.02	1.44	0.0	0.0	5.891	1788.	43.	17.	766.9	28.7	1
1941	10	480	37.4556	89.3865	-932.0	QAL	8.85	-0.04	1.65	0.0	0.0	5.349	1816.	31.	12.	768.0	28.7	1
1942	0	480	37.4557	89.3872	-931.2	QAL	7.05	2.63	1.37	0.373	1.929	5.167	1794.	36.	11.	765.9	28.7	1
1943	0	480	37.4557	89.3880	-931.5	QAL	5.41	2.58	1.25	0.477	2.070	4.343	1688.	58.	12.	765.9	28.8	1
1944	0	484	37.4557	89.3887	-930.5	QAL	7.15	2.64	1.56	0.369	1.694	4.593	1745.	32.	3.	768.0	28.8	1
1945	10	488	37.4557	89.3893	-931.0	QAL	7.80	1.11	1.84	0.0	0.0	4.237	1661.	46.	5.	768.0	28.8	1
1946	0	492	37.4557	89.3900	-931.2	QAL	8.28	3.53	1.69	0.427	2.094	4.909	1797.	39.	7.	765.4	28.8	1
1947	0	496	37.4557	89.3907	-930.7	QAL	5.97	3.23	1.57	0.541	2.061	3.807	1705.	32.	8.	765.4	28.9	1
1948	0	500	37.4557	89.3915	-929.7	QAL	5.98	2.55	1.73	0.426	1.476	3.460	1740.	43.	8.	767.4	28.9	1
1949	0	504	37.4557	89.3922	-930.5	QAL	4.26	2.27	1.28	0.534	1.773	3.320	1630.	45.	8.	766.4	28.9	1
1950	0	504	37.4557	89.3929	-931.5	QAL	4.47	2.45	1.90	0.548	1.289	2.353	1600.	45.	7.	765.4	28.9	1
1951	0	508	37.4557	89.3936	-930.0	QAL	5.96	2.42	1.57	0.406	1.542	3.799	1612.	41.	10.	765.4	28.9	1
1952	10	508	37.4557	89.3943	-930.0	QAL	8.20	0.47	1.54	0.0	0.0	5.337	1673.	31.	12.	767.4	28.9	1
1953	10	508	37.4557	89.3950	-929.5	QAL	8.69	0.59	1.52	0.0	0.0	5.736	1688.	46.	13.	766.4	28.8	1
1954	0	504	37.4557	89.3957	-929.0	QAL	5.69	2.77	1.39	0.487	1.995	4.092	1683.	39.	14.	764.3	28.8	1
1955	10	504	37.4557	89.3964	-927.2	QAL	4.45	1.54	1.53	0.0	0.0	2.920	1642.	43.	16.	765.4	28.8	1
1956	0	500	37.4556	89.3972	-927.0	QAL	5.92	3.35	1.32	0.565	2.541	4.499	1640.	34.	12.	767.4	28.8	1
1957	10	504	37.4556	89.3979	-927.0	QAL	8.13	-0.28	1.40	0.0	0.0	5.803	1646.	42.	16.	766.4	28.7	1
1958	0	504	37.4557	89.3986	-927.2	QAL	6.44	3.37	1.43	0.523	2.351	4.497	1710.	37.	10.	765.4	28.8	1
1959	0	504	37.4557	89.3993	-927.7	QAL	5.11	1.82	1.22	0.357	1.502	4.207	1611.	39.	12.	766.4	28.8	1
1960	0	504	37.4557	89.4000	-928.0	QAL	7.85	4.59	1.24	0.585	3.693	6.316	1705.	45.	11.	767.4	28.8	1
1961	10	500	37.4557	89.4007	-928.0	QAL	7.07	1.44	1.36	0.0	0.0	5.189	1618.	42.	11.	766.4	28.8	1

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TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1962	0	492	37.4557	89.4014	-927.7	QAL	7.51	3.65	1.22	0.486	2.993	6.165	1671.	35.	8.	765.4	28.8	1
1963	10	488	37.4557	89.4021	-927.7	QAL	6.59	0.84	1.87	0.0	0.0	3.530	1588.	46.	7.	767.4	28.8	1
1964	0	484	37.4557	89.4029	-928.7	QAL	7.35	1.76	1.05	0.239	1.676	7.016	1566.	36.	9.	767.4	28.8	1
1965	10	480	37.4557	89.4036	-929.2	QAL	6.88	1.34	1.22	0.0	0.0	5.629	1558.	47.	9.	764.3	28.9	1
1966	0	480	37.4557	89.4043	-929.0	QAL	4.49	3.45	1.03	0.768	3.350	4.362	1418.	51.	7.	764.3	29.0	1
1967	0	484	37.4557	89.4050	-927.2	QAL	6.98	2.21	1.27	0.317	1.741	5.490	1573.	35.	8.	767.4	29.1	1
1968	0	488	37.4557	89.4057	-928.5	QAL	5.30	3.78	0.94	0.712	4.017	5.638	1524.	33.	6.	767.4	29.2	1
1969	0	492	37.4557	89.4064	-930.2	QAL	6.60	2.92	0.75	0.442	3.874	8.763	1599.	52.	11.	765.4	29.2	1
1970	10	496	37.4557	89.4071	-930.0	QAL	5.61	1.28	1.21	0.0	0.0	4.618	1583.	31.	10.	765.4	29.2	1
1971	0	496	37.4557	89.4079	-929.5	QAL	7.28	2.86	1.12	0.393	2.561	6.511	1496.	48.	9.	766.9	29.2	1
1972	10	500	37.4557	89.4086	-930.5	QAL	9.07	0.98	1.18	0.0	0.0	7.693	1570.	41.	5.	766.9	29.2	1
1973	10	500	37.4557	89.4093	-929.2	QAL	8.22	1.66	1.21	0.0	0.0	6.775	1559.	30.	8.	765.4	29.1	1
1974	10	500	37.4557	89.4099	-928.2	QAL	7.60	1.63	1.65	0.0	0.0	4.616	1698.	35.	6.	765.4	29.1	1
1975	0	500	37.4557	89.4106	-928.5	QAL	6.62	3.41	1.50	0.515	2.275	4.416	1622.	37.	1.	767.4	29.0	1
1976	0	496	37.4557	89.4113	-928.5	QAL	4.68	4.14	1.62	0.885	2.559	2.892	1751.	35.	2.	767.4	29.0	1
1977	0	496	37.4557	89.4120	-929.7	QAL	7.20	3.12	1.62	0.433	1.931	4.456	1725.	40.	0.	765.4	28.9	1
1978	0	492	37.4557	89.4128	-929.7	QAL	9.69	1.88	1.96	0.195	0.964	4.955	1847.	45.	0.	766.4	28.9	1
1979	0	484	37.4557	89.4135	-930.0	QAL	6.35	3.23	1.44	0.509	2.239	4.402	1788.	35.	2.	767.4	28.9	1
1980	0	480	37.4557	89.4142	-930.7	QAL	5.50	3.98	1.26	0.723	3.162	4.375	1736.	52.	1.	766.4	29.0	1
1981	0	480	37.4557	89.4149	-931.2	QAL	7.95	3.68	1.29	0.463	2.849	6.156	1784.	35.	0.	766.4	29.1	1
1982	10	484	37.4557	89.4156	-930.5	QAL	8.86	1.25	1.64	0.0	0.0	5.406	1854.	34.	2.	767.4	29.1	1
1983	0	480	37.4557	89.4163	-930.2	QAL	8.52	2.88	1.66	0.337	1.728	5.122	1964.	40.	5.	768.0	29.1	1
1984	10	476	37.4557	89.4170	-931.7	QAL	7.57	1.40	1.73	0.0	0.0	4.373	1802.	45.	9.	766.9	29.0	1
1985	0	480	37.4557	89.4177	-932.0	QAL	7.84	3.24	1.59	0.414	2.041	4.934	1835.	29.	10.	765.9	29.0	1
1986	10	480	37.4557	89.4185	-933.7	QAL	10.72	1.53	1.59	0.0	0.0	6.735	1912.	32.	11.	766.9	29.0	1
1987	0	476	37.4557	89.4192	-935.2	QAL	6.98	2.88	1.48	0.413	1.950	4.720	1916.	31.	9.	768.5	28.9	1
1988	0	472	37.4557	89.4199	-936.0	QAL	8.55	2.54	1.94	0.297	1.310	4.420	1888.	35.	9.	767.4	28.9	1
1989	10	468	37.4557	89.4206	-936.0	QAL	7.79	1.45	1.68	0.0	0.0	4.639	1826.	37.	12.	766.4	28.8	1
1990	0	464	37.4557	89.4213	-936.5	QAL	7.36	4.13	1.61	0.561	2.561	4.566	1987.	34.	9.	767.4	28.8	1
1991	0	464	37.4557	89.4220	-938.0	QAL	5.36	2.79	1.90	0.521	1.472	2.823	1825.	49.	8.	768.5	28.8	1
1992	0	464	37.4557	89.4227	-938.2	QAL	5.42	3.80	1.93	0.702	1.973	2.809	1860.	44.	5.	766.4	28.8	1
1993	10	468	37.4557	89.4235	-939.7	QAL	8.01	1.49	1.98	0.0	0.0	4.046	1843.	37.	6.	765.4	28.8	1
1994	0	472	37.4557	89.4242	-940.0	QAL	7.66	4.23	1.58	0.552	2.669	4.838	1973.	48.	2.	767.4	28.8	1
1995	0	472	37.4557	89.4249	-941.7	QAL	6.78	3.87	1.91	0.570	2.030	3.558	1914.	40.	0.	768.5	28.8	1
1996	0	468	37.4557	89.4256	-943.0	QAL	7.02	3.02	1.60	0.430	1.891	4.399	1810.	49.	4.	767.4	28.8	1
1997	0	468	37.4557	89.4263	-943.0	QAL	7.98	1.96	1.88	0.246	1.042	4.236	1887.	29.	5.	766.4	28.8	1
1998	0	464	37.4557	89.4270	-943.7	QAL	8.97	3.47	1.53	0.387	2.262	5.847	1941.	38.	2.	767.4	28.8	1
1999	0	460	37.4557	89.4277	-947.0	QAL	7.13	3.93	1.44	0.550	2.722	4.946	1839.	36.	4.	768.5	28.8	1
2000	0	460	37.4557	89.4284	-948.7	QAL	4.65	3.84	1.40	0.827	2.738	3.310	1868.	39.	5.	767.4	28.8	1
2001	0	464	37.4557	89.4292	-948.5	QAL	7.36	2.56	1.54	0.348	1.666	4.784	1781.	34.	2.	765.4	28.7	1
2002	0	464	37.4557	89.4299	-947.7	QAL	7.16	3.79	1.47	0.529	2.573	4.868	1791.	45.	0.	766.4	28.7	1
2003	0	468	37.4557	89.4305	-949.2	QAL	7.49	1.76	1.36	0.235	1.296	5.519	1644.	32.	1.	768.0	28.7	1
2004	10	472	37.4557	89.4312	-951.2	QAL	10.73	0.56	1.89	0.0	0.0	5.663	1798.	34.	0.	766.9	28.7	1
2005	0	484	37.4557	89.4320	-950.5	QAL	6.80	3.09	1.90	0.455	1.631	3.585	1812.	45.	0.	765.9	28.7	1
2006	0	484	37.4557	89.4327	-951.0	QAL	8.22	2.49	1.78	0.304	1.403	4.624	1750.	38.	0.	765.9	28.7	1
2007	0	484	37.4557	89.4334	-951.2	QAL	9.90	2.20	1.71	0.222	1.287	5.784	1766.	44.	0.	766.9	28.7	1
2008	0	488	37.4557	89.4341	-950.7	QAL	7.95	3.48	1.03	0.437	3.373	7.714	1737.	40.	2.	768.0	28.7	1
2009	0	484	37.4557	89.4348	-952.7	QAL	9.21	3.02	1.96	0.328	1.539	4.696	1755.	28.	0.	766.4	28.7	1
2010	0	484	37.4557	89.4355	-954.5	QAL	8.17	2.15	1.37	0.263	1.566	5.949	1696.	35.	8.	765.4	28.6	1
2011	0	484	37.4557	89.4362	-954.5	QAL	7.70	2.25	1.57	0.292	1.431	4.898	1751.	43.	7.	767.4	28.7	1
2012	0	480	37.4557	89.4369	-955.2	QAL	6.22	3.88	1.24	0.624	3.127	5.015	1671.	34.	7.	767.4	28.7	1
2013	0	472	37.4557	89.4376	-957.0	QAL	7.68	3.92	1.37	0.511	2.868	5.612	1550.	32.	5.	766.4	28.8	1
2014	0	460	37.4557	89.4384	-956.5	QAL	3.56	3.01	1.38	0.845	2.181	2.582	1425.	45.	7.	766.4	28.8	1

CP9 1P12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2015	10	480	37.4557	89.4391	-958.2	QAL	6.70	-0.33	1.41	0.0	0.0	4.743	1283.	40.	7.	767.4	28.8	1
2016	0	488	37.4557	89.4398	-960.2	QAL	4.66	1.93	0.95	0.414	2.020	4.884	1268.	38.	6.	767.4	28.7	1
2017	0	484	37.4557	89.4405	-961.7	QAL	4.16	2.33	1.09	0.559	2.144	3.833	1371.	37.	2.	766.4	28.6	1
2018	0	472	37.4557	89.4412	-961.2	QAL	6.58	2.69	1.08	0.409	2.481	6.064	1394.	26.	3.	765.4	28.7	1
2019	0	472	37.4557	89.4419	-962.0	QAL	5.21	2.74	1.36	0.526	2.015	3.829	1449.	29.	7.	766.4	28.6	1
2020	0	436	37.4557	89.4426	-963.0	QAL	6.27	2.74	1.27	0.437	2.157	4.941	1448.	35.	5.	768.0	28.6	1
2021	10	392	37.4557	89.4433	-962.7	QAL	6.55	1.14	1.39	0.0	0.0	4.730	1357.	39.	5.	766.9	28.6	1
2022	10	396	37.4557	89.4440	-963.7	QAL	4.51	0.57	1.34	0.0	0.0	3.360	1370.	36.	8.	765.9	28.7	1
2023	0	412	37.4557	89.4448	-964.2	QAL	6.24	2.13	0.93	0.341	2.279	6.683	1409.	39.	10.	767.4	28.6	1
2024	0	412	37.4557	89.4454	-965.0	QAL	5.95	3.01	1.37	0.506	2.198	4.343	1471.	29.	8.	768.5	28.7	1
2025	0	444	37.4557	89.4462	-965.2	QAL	5.30	1.52	1.05	0.287	1.450	5.058	1563.	30.	8.	767.4	28.7	1
2026	0	456	37.4557	89.4469	-966.5	QAL	7.19	2.61	1.40	0.362	1.862	5.139	1624.	40.	6.	766.4	28.7	1
2027	0	456	37.4557	89.4476	-967.0	QAL	7.55	2.55	1.14	0.338	2.245	6.645	1702.	27.	3.	766.4	28.7	1
2028	10	460	37.4557	89.4483	-966.5	QAL	8.00	0.96	1.52	0.0	0.0	5.245	1659.	49.	6.	768.5	28.7	1
2029	0	456	37.4557	89.4490	-968.7	QAL	5.92	4.40	1.25	0.744	3.510	4.720	1578.	37.	1.	767.4	28.7	1
2030	0	456	37.4557	89.4498	-970.0	QAL	5.53	2.90	1.19	0.524	2.427	4.629	1411.	49.	6.	766.4	28.7	1
2031	10	448	37.4557	89.4503	-969.0	(WATER)	5.10	0.38	1.02	0.0	0.0	4.985	1100.	43.	8.	767.4	28.7	1
2032	10	460	37.4557	89.4511	-968.5	(WATER)	3.38	1.21	0.87	0.0	0.0	3.894	874.	37.	7.	768.5	28.7	1
2033	10	468	37.4557	89.4518	-969.2	(WATER)	1.99	-0.51	0.41	0.0	0.0	4.892	576.	41.	9.	767.4	28.6	1
2034	10	464	37.4557	89.4525	-970.7	(WATER)	1.83	0.61	0.19	0.0	0.0	9.477	384.	36.	10.	766.4	28.7	1
2035	111	464	37.4557	89.4532	-971.7	(WATER)	-0.03	-0.53	0.12	0.0	0.0	0.0	179.	49.	8.	766.4	28.7	1
2036	111	460	37.4558	89.4540	-972.5	(WATER)	-0.01	0.26	0.04	0.0	0.0	0.0	179.	48.	9.	768.5	28.8	1
2037	111	460	37.4558	89.4547	-972.2	(WATER)	0.52	0.43	0.05	0.0	0.0	0.0	158.	37.	10.	768.5	28.7	1
2038	111	460	37.4557	89.4553	-973.0	(WATER)	0.03	0.12	-0.07	0.0	0.0	0.0	138.	39.	9.	766.4	28.8	1
2039	111	464	37.4557	89.4561	-972.2	(WATER)	0.27	0.64	0.07	0.0	0.0	0.0	167.	36.	3.	766.4	28.8	1
2040	111	468	37.4557	89.4568	-973.2	(WATER)	0.76	-0.14	-0.04	0.0	0.0	0.0	168.	37.	7.	768.5	28.8	1
2041	111	476	37.4557	89.4575	-973.2	(WATER)	-0.06	0.15	0.02	0.0	0.0	0.0	125.	37.	5.	767.4	28.8	1
2042	111	480	37.4557	89.4582	-975.0	(WATER)	0.40	-0.30	-0.05	0.0	0.0	0.0	123.	46.	7.	765.4	28.8	1
2043	111	484	37.4557	89.4589	-976.0	(WATER)	0.80	-0.09	0.08	0.0	0.0	0.0	184.	30.	6.	766.4	28.8	1
2044	110	484	37.4557	89.4597	-975.5	(WATER)	0.69	-0.10	0.19	0.0	0.0	0.0	200.	27.	8.	767.4	28.8	1
2045	10	484	37.4557	89.4603	-976.0	(WATER)	1.48	0.46	0.22	0.0	0.0	6.565	271.	42.	5.	767.4	28.7	1
2046	1	484	37.4557	89.4610	-975.2	(WATER)	1.26	1.41	0.05	1.117	0.0	0.0	377.	33.	5.	765.4	28.8	1
2047	10	488	37.4557	89.4618	-976.0	(WATER)	1.74	1.21	0.24	0.0	0.0	7.235	563.	36.	6.	765.4	28.8	1
2048	10	488	37.4557	89.4625	-975.7	(WATER)	2.83	1.26	0.57	0.0	0.0	5.001	788.	34.	5.	767.4	28.8	1
2049	0	476	37.4557	89.4632	-975.7	(WATER)	2.96	2.91	0.75	0.982	3.906	3.976	1022.	48.	3.	767.4	28.8	1
2050	0	488	37.4557	89.4639	-975.0	QAL	5.51	2.18	0.86	0.395	2.545	6.445	1215.	37.	4.	765.4	28.8	1
2051	0	480	37.4557	89.4646	-975.7	QAL	6.82	1.74	0.93	0.255	1.875	7.352	1294.	35.	5.	764.3	28.6	1
2052	0	444	37.4558	89.4654	-976.7	QAL	5.72	3.30	0.99	0.577	3.345	5.793	1459.	28.	1.	765.4	28.7	1
2053	0	428	37.4558	89.4660	-976.2	QAL	5.17	2.87	1.08	0.555	2.659	4.789	1327.	41.	3.	766.4	28.6	1
2054	0	400	37.4558	89.4668	-975.5	QAL	5.91	1.76	1.02	0.297	1.721	5.788	1280.	36.	4.	764.3	28.6	1
2055	0	376	37.4558	89.4675	-975.0	QAL	4.48	1.87	0.82	0.416	2.270	5.452	1246.	33.	5.	763.8	28.5	1
2056	0	392	37.4558	89.4682	-975.5	QAL	5.17	1.66	1.10	0.321	1.504	4.689	1332.	22.	1.	765.4	28.5	1
2057	0	412	37.4557	89.4689	-977.0	SU-1	2.91	4.04	1.13	1.387	3.588	2.587	1199.	39.	0.	765.4	28.5	1
2058	0	400	37.4557	89.4696	-975.7	SU-1	5.46	2.19	1.22	0.401	1.794	4.479	1324.	31.	1.	763.8	28.5	1
2059	0	404	37.4557	89.4703	-975.7	SU-1	5.31	2.11	0.75	0.398	2.809	7.054	1153.	41.	0.	763.8	28.4	1
2060	0	368	37.4557	89.4710	-974.7	SU-1	3.41	3.88	0.71	1.137	5.467	4.809	1195.	30.	1.	764.9	28.3	1
2061	0	348	37.4557	89.4717	-973.0	SU-1	3.78	2.28	0.93	0.603	2.457	4.075	1106.	44.	3.	764.9	28.3	1
2062	0	356	37.4557	89.4724	-972.2	DU	4.37	2.24	0.70	0.513	3.192	6.223	1067.	37.	2.	764.3	28.3	1
2063	10	408	37.4557	89.4732	-975.2	DU	6.10	1.10	0.86	0.0	0.0	7.066	1169.	55.	5.	763.8	28.3	1
2064	0	388	37.4557	89.4738	-975.2	DU	3.10	3.29	0.71	1.061	4.615	4.351	1080.	32.	4.	764.3	28.3	1
2065	10	356	37.4557	89.4746	-975.2	DU	5.33	1.05	0.74	0.0	0.0	7.183	1038.	47.	7.	765.4	28.2	1
2066	10	372	37.4557	89.4753	-975.5	DU	6.05	0.81	0.87	0.0	0.0	6.927	1156.	39.	7.	764.3	28.2	1
2067	0	380	37.4558	89.4759	-974.5	DU	4.37	1.28	0.89	0.293	1.440	4.911	1137.	41.	6.	762.8	28.3	1

*	TAGS		* LOCATION		*			REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2068	10	408	37.4558	89.4767	-975.0		DU	4.61	1.28	0.75	0.0	0.0	6.147	1087.	40.	6.	763.8	28.2	1
2069	0	380	37.4558	89.4774	-973.0		DU	3.74	2.53	0.47	0.678	5.430	8.008	1008.	47.	8.	763.8	28.2	1
2070	0	328	37.4558	89.4781	-971.7		DU	4.11	1.14	0.64	0.279	1.801	6.461	1026.	35.	8.	762.8	28.2	1
2071	10	292	37.4558	89.4788	-967.0		DU	3.49	0.63	0.90	0.0	0.0	3.894	1121.	37.	9.	762.8	28.1	1
2072	0	272	37.4558	89.4796	-953.7		DU	4.65	2.10	0.88	0.451	2.392	5.298	1118.	45.	7.	761.8	28.2	1
2073	0	280	37.4558	89.4802	-952.2		DU	5.51	2.47	0.89	0.448	2.767	6.183	1258.	45.	7.	762.3	28.2	1
2074	0	316	37.4558	89.4809	-964.7		DU	4.78	1.64	1.09	0.343	1.499	4.373	1335.	40.	8.	763.8	28.3	1
2075	0	344	37.4558	89.4816	-970.5		DU	6.87	2.67	0.88	0.389	3.038	7.812	1417.	35.	10.	762.3	28.2	1
2076	10	376	37.4557	89.4824	-970.5		DU	6.32	1.01	0.90	0.0	0.0	7.026	1303.	46.	13.	760.2	28.2	1
2077	10	396	37.4557	89.4831	-970.7		DU	6.96	1.18	0.88	0.0	0.0	7.912	1431.	31.	14.	761.8	28.2	1
2078	10	384	37.4557	89.4838	-969.5		DU	6.81	0.86	1.05	0.0	0.0	6.504	1360.	48.	10.	762.8	28.2	1
2079	0	412	37.4557	89.4845	-969.0		DU	3.73	1.86	1.01	0.498	1.838	3.691	1341.	40.	11.	762.3	28.2	1
2080	10	440	37.4557	89.4852	-969.0		DU	5.47	0.29	1.41	0.0	0.0	3.875	1321.	36.	12.	761.2	28.1	1
2081	10	468	37.4557	89.4859	-967.5		DU	5.26	0.48	0.89	0.0	0.0	5.938	1347.	39.	9.	760.2	28.1	1
2082	0	460	37.4557	89.4866	-967.5		DU	5.29	2.11	0.97	0.398	2.178	5.469	1314.	43.	7.	762.3	28.0	1
2083	0	408	37.4558	89.4874	-967.2		DU	6.38	2.28	0.94	0.358	2.438	6.813	1331.	44.	6.	763.3	28.0	1
2084	0	412	37.4558	89.4881	-966.2		DU	4.47	1.84	0.99	0.412	1.861	4.523	1332.	33.	7.	762.3	28.0	1
2085	0	408	37.4558	89.4888	-965.0		DU	6.03	1.67	1.21	0.277	1.383	5.002	1362.	49.	5.	761.2	28.0	1
2086	0	396	37.4558	89.4895	-962.7		DU	5.85	1.98	1.05	0.338	1.886	5.577	1408.	50.	8.	762.3	28.0	1
2087	0	408	37.4558	89.4902	-962.5		DU	5.75	2.33	1.00	0.405	2.321	5.726	1454.	45.	9.	763.3	28.0	1
2088	0	388	37.4558	89.4909	-964.5		DU	5.93	1.99	0.92	0.335	2.155	6.430	1349.	42.	11.	763.8	28.1	1
2089	10	396	37.4558	89.4916	-963.5		DU	6.39	0.45	0.97	0.0	0.0	6.591	1271.	48.	13.	762.8	28.1	1
2090	10	396	37.4558	89.4923	-962.0		DU	6.26	0.66	1.07	0.0	0.0	5.833	1363.	46.	13.	761.8	28.1	1
2091	10	436	37.4558	89.4930	-960.5		DU	4.77	0.96	1.12	0.0	0.0	4.264	1351.	43.	15.	762.8	28.1	1
2092	0	484	37.4558	89.4937	-960.0		DU	6.19	2.34	1.02	0.378	2.303	6.100	1448.	38.	14.	763.8	28.1	1
2093	0	476	37.4558	89.4945	-958.7		DU	5.71	3.25	1.24	0.569	2.624	4.612	1465.	55.	8.	763.3	28.1	1
2094	0	416	37.4558	89.4952	-958.2		DU	6.89	1.88	1.01	0.273	1.853	6.794	1442.	53.	9.	762.3	28.1	1
2095	0	416	37.4557	89.4958	-957.5		DU	4.62	2.24	1.16	0.485	1.931	3.982	1435.	41.	6.	762.8	28.1	1
2096	10	388	37.4557	89.4965	-955.5		DU	6.93	1.11	0.87	0.0	0.0	8.004	1328.	37.	8.	764.3	28.2	1
2097	0	372	37.4557	89.4972	-955.0		DU	5.41	2.34	1.06	0.432	2.201	5.094	1359.	39.	6.	763.8	28.2	1
2098	10	384	37.4557	89.4980	-953.5		DU	8.10	0.99	1.01	0.0	0.0	7.995	1312.	32.	8.	762.8	28.1	1
2099	0	372	37.4558	89.4987	-950.7		DU	3.32	1.81	0.86	0.546	2.097	3.838	1345.	48.	8.	763.3	28.2	1
2100	0	356	37.4558	89.4994	-949.7		DU	4.18	2.57	1.04	0.615	2.477	4.026	1356.	38.	8.	763.8	28.1	1
2101	10	352	37.4558	89.5002	-949.0		DU	5.82	1.25	1.09	0.0	0.0	5.326	1400.	39.	8.	763.3	28.1	1
2102	0	364	37.4558	89.5009	-946.2		DU	5.64	2.52	0.83	0.446	3.023	6.778	1360.	42.	8.	762.8	28.2	1
2103	0	336	37.4558	89.5015	-946.0		DU	6.12	2.10	0.78	0.343	2.694	7.845	1363.	38.	7.	762.8	28.2	1
2104	0	272	37.4558	89.5022	-944.5		DU	4.18	1.98	0.72	0.475	2.771	5.840	1173.	40.	6.	763.8	28.2	1
2105	0	228	37.4558	89.5029	-942.7		DU	6.82	1.94	0.79	0.285	2.463	8.646	1276.	44.	4.	763.8	28.1	1
2106	0	212	37.4558	89.5037	-939.7		DU	5.68	1.90	0.90	0.335	2.110	6.306	1188.	39.	3.	762.8	28.1	1
2107	0	256	37.4558	89.5044	-938.0		DU	2.80	2.25	0.92	0.803	2.436	3.033	1157.	47.	5.	762.3	28.1	1
2108	0	328	37.4558	89.5051	-937.0		DU	4.32	1.95	0.80	0.451	2.426	5.384	1130.	35.	4.	763.8	28.1	1
2109	0	384	37.4558	89.5058	-936.2		DU	3.95	1.71	0.95	0.433	1.807	4.177	1212.	35.	6.	764.3	28.1	1
2110	10	412	37.4558	89.5065	-933.2		DU	7.00	0.77	0.93	0.0	0.0	7.520	1221.	35.	5.	762.3	28.1	1
2111	0	420	37.4558	89.5072	-932.7		DU	6.41	2.28	0.81	0.356	2.821	7.923	1165.	50.	4.	761.8	28.2	1
2112	0	420	37.4558	89.5079	-932.7		DU	4.48	2.76	0.69	0.615	3.978	6.467	1244.	32.	7.	762.8	28.3	1
2113	0	432	37.4557	89.5087	-930.0		DU	4.15	2.11	0.83	0.510	2.539	4.977	1157.	40.	7.	763.8	28.3	1
2114	0	444	37.4558	89.5094	-926.2		DU	5.80	1.54	0.86	0.266	1.799	6.761	1085.	41.	7.	762.8	28.4	1
2115	10	472	37.4558	89.5101	-924.5		DU	5.12	0.79	0.82	0.0	0.0	6.264	1218.	29.	8.	760.7	28.3	1
2116	0	532	37.4558	89.5108	-922.5		DU	6.16	2.13	0.96	0.345	2.225	6.446	1293.	41.	8.	760.7	28.3	1
2117	10	576	37.4558	89.5115	-920.2		DU	5.93	0.15	1.06	0.0	0.0	5.613	1309.	46.	7.	763.3	28.3	1
2118	10	584	37.4558	89.5122	-919.0		DU	6.98	-0.09	1.23	0.0	0.0	5.683	1456.	33.	8.	763.3	28.3	1
2119	10	588	37.4558	89.5129	-916.2		DU	6.39	1.48	1.44	0.0	0.0	4.445	1411.	37.	7.	761.2	28.2	1
2120	0	588	37.4558	89.5136	-913.7		DU	6.89	3.12	1.05	0.453	2.965	6.551	1480.	42.	10.	762.3	28.2	1

CP9 1P12
CP9 1P12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2121	0	512	37.4558	89.5144	-910.5		DU	5.91	2.52	0.95	0.426	2.642	6.197	1302.	36.	7.	763.3	28.2	1
2122	10	488	37.4558	89.5150	-908.2		DU	4.89	1.29	0.95	0.0	0.0	5.130	1177.	42.	11.	762.3	28.2	1
2123	0	520	37.4558	89.5158	-906.2		DU	3.70	1.97	0.99	0.532	1.995	3.749	1271.	42.	10.	761.2	28.2	1
2124	10	576	37.4558	89.5164	-905.2		DU	4.45	1.65	1.15	0.0	0.0	3.886	1379.	44.	13.	762.3	28.2	1
2125	10	556	37.4558	89.5171	-902.7		DU	4.72	1.36	0.86	0.0	0.0	5.475	1436.	38.	11.	763.3	28.1	1
2126	0	528	37.4558	89.5179	-897.2		DU	5.14	2.73	1.14	0.531	2.407	4.532	1395.	36.	10.	762.8	28.1	1
2127	0	500	37.4558	89.5186	-896.5		DU	3.14	5.74	0.38	1.825	15.113	8.280	1218.	42.	8.	761.8	28.1	1
2128	10	424	37.4558	89.5193	-894.2		DU	4.10	0.81	0.88	0.0	0.0	4.659	1144.	45.	7.	762.8	28.1	1
2129	10	396	37.4557	89.5200	-891.2		DU	3.58	0.92	0.89	0.0	0.0	4.019	1028.	38.	7.	763.8	28.0	1
2130	10	412	37.4558	89.5207	-888.7		DU	3.39	0.74	0.90	0.0	0.0	3.778	1047.	40.	5.	762.8	28.1	1
2131	0	404	37.4558	89.5214	-885.5		DU	4.83	1.57	0.55	0.325	2.838	8.744	1054.	33.	8.	761.8	28.2	1
2132	0	392	37.4558	89.5221	-882.7		DU	3.99	2.00	0.63	0.500	3.154	6.305	1007.	34.	6.	762.8	28.2	1
2133	0	400	37.4558	89.5228	-880.7		DU	3.93	2.75	0.62	0.700	4.459	6.368	1082.	31.	5.	764.3	28.2	1
2134	10	388	37.4558	89.5235	-878.5		DU	4.84	0.94	0.85	0.0	0.0	5.678	1051.	36.	7.	763.8	28.1	1
2135	0	372	37.4558	89.5243	-875.2		DU	4.00	2.67	0.72	0.667	3.709	5.560	974.	37.	6.	761.8	28.1	1
2136	0	372	37.4558	89.5250	-874.0		DU	4.00	1.88	0.69	0.471	2.712	5.753	1034.	35.	3.	762.8	28.1	1
2137	0	392	37.4558	89.5257	-870.7		DU	4.97	2.12	0.62	0.426	3.398	7.983	953.	34.	6.	764.3	28.1	1
2138	0	396	37.4558	89.5264	-867.7		DU	3.96	2.20	0.45	0.557	4.871	8.748	948.	36.	5.	762.8	28.1	1
2139	10	424	37.4558	89.5271	-865.5		DU	4.59	1.10	0.74	0.0	0.0	6.240	964.	34.	7.	762.8	28.1	1
2140	0	448	37.4558	89.5278	-862.7		DU	5.10	1.54	0.65	0:302	2.367	7.826	1098.	40.	4.	763.8	28.2	1
2141	0	468	37.4558	89.5285	-859.2		DU	5.13	2.02	0.76	0.394	2.667	6.772	1216.	37.	8.	764.3	28.2	1
2142	0	500	37.4558	89.5292	-857.2		DU	5.96	3.12	1.08	0.523	2.883	5.516	1446.	40.	8.	763.8	28.2	1
2143	10	544	37.4558	89.5300	-854.0		DU	8.92	0.42	1.02	0.0	0.0	8.788	1462.	38.	10.	763.3	28.2	1
2144	0	544	37.4557	89.5307	-850.0		DU	4.85	2.79	1.09	0.575	2.570	4.467	1485.	39.	8.	763.3	28.3	1
2145	0	536	37.4557	89.5313	-847.7		DU	4.58	3.38	1.17	0.737	2.875	3.899	1544.	45.	11.	764.9	28.3	1
2146	0	524	37.4558	89.5320	-845.5		DU	7.21	2.40	1.00	0.333	2.405	7.233	1427.	39.	8.	765.4	28.2	1
2147	0	516	37.4558	89.5328	-843.0		DU	7.23	2.10	1.15	0.291	1.829	6.287	1388.	37.	8.	763.8	28.4	1
2148	10	516	37.4558	89.5335	-840.5		DU	7.02	0.15	1.14	0.0	0.0	6.146	1399.	34.	13.	763.8	28.5	1
2149	10	520	37.4558	89.5342	-838.7		DU	3.30	1.32	1.15	0.0	0.0	2.882	1253.	48.	9.	766.4	28.5	1
2150	10	504	37.4558	89.5350	-834.2		DU	3.90	0.33	1.01	0.0	0.0	3.881	1291.	30.	10.	765.4	28.5	1
2151	0	500	37.4558	89.5357	-830.7		DU	5.98	3.05	1.01	0.511	3.029	5.931	1380.	27.	8.	763.8	28.5	1
2152	0	496	37.4558	89.5364	-828.2		DU	4.31	1.74	1.08	0.404	1.614	3.992	1407.	41.	11.	764.3	28.6	1
2153	10	488	37.4558	89.5371	-826.0		DU	4.62	1.46	1.10	0.0	0.0	4.205	1309.	54.	14.	766.4	28.6	1
2154	10	484	37.4558	89.5378	-823.0		DU	7.19	1.00	1.35	0.0	0.0	5.305	1518.	36.	15.	766.4	28.5	1
2155	0	480	37.4558	89.5385	-820.2		DU	6.67	2.40	1.04	0.360	2.314	6.436	1494.	37.	13.	764.3	28.5	1
2156	0	472	37.4558	89.5393	-818.5		DU	6.08	2.98	0.90	0.491	3.302	6.728	1539.	37.	13.	763.8	28.5	1
2157	0	468	37.4558	89.5400	-816.2		DU	5.34	2.36	1.04	0.441	2.268	5.138	1517.	32.	16.	765.4	28.5	1
2158	0	472	37.4558	89.5407	-815.0		DU	4.15	2.30	1.16	0.555	1.995	3.592	1475.	59.	14.	766.4	28.5	1
2159	10	472	37.4558	89.5414	-812.2		DU	8.84	1.61	1.18	0.0	0.0	7.517	1523.	44.	9.	764.9	28.5	1
2160	10	476	37.4558	89.5421	-808.2		DU	4.88	1.38	1.04	0.0	0.0	4.706	1428.	32.	11.	763.8	28.5	1
2161	0	488	37.4557	89.5429	-805.7		DU	7.28	3.01	0.81	0.414	3.731	9.017	1459.	24.	6.	764.9	28.5	1
2162	0	488	37.4557	89.5436	-804.2		DU	7.16	2.69	1.17	0.376	2.296	6.104	1527.	38.	5.	765.9	28.5	1
2163	0	496	37.4557	89.5443	-803.0		DU	6.74	5.34	1.21	0.793	4.428	5.582	1578.	45.	2.	764.9	28.5	1
2164	0	500	37.4557	89.5450	-800.0		DU	8.02	2.79	1.17	0.348	2.381	6.843	1534.	37.	3.	763.8	28.5	1
2165	0	504	37.4557	89.5457	-797.5		DU	5.99	3.06	1.52	0.510	2.017	3.952	1637.	30.	3.	764.3	28.4	1
2166	0	504	37.4557	89.5464	-795.2		DU	4.59	3.26	1.22	0.711	2.678	3.768	1598.	47.	3.	765.4	28.4	1
2167	0	508	37.4558	89.5472	-794.0		DU	5.55	2.51	1.19	0.451	2.109	4.676	1574.	30.	5.	765.4	28.4	1
2168	0	508	37.4558	89.5479	-793.0		DU	5.80	4.17	1.16	0.719	3.597	5.005	1539.	22.	3.	763.8	28.4	1
2169	0	508	37.4558	89.5486	-792.0		DU	6.37	3.62	0.90	0.568	4.000	7.046	1465.	44.	1.	763.3	28.4	1
2170	0	460	37.4558	89.5493	-789.7		DU	4.63	3.25	0.91	0.702	3.592	5.120	1271.	50.	0.	764.9	28.3	1
2171	0	424	37.4558	89.5500	-788.0		DU	3.95	2.19	0.99	0.555	2.206	3.978	1123.	42.	3.	765.9	28.4	1
2172	0	436	37.4558	89.5508	-785.7		DU	3.77	4.07	0.83	1.080	4.889	4.526	1107.	54.	3.	764.9	28.3	1
2173	0	432	37.4558	89.5515	-784.0		DU	3.82	3.43	0.76	0.898	4.498	5.006	1209.	31.	3.	763.3	28.2	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2174	0	420	37.4558	89.5522	-781.2	DU	3.95	1.54	0.77	0.389	2.005	5.159	1125.	41.	4.	763.8	28.2	1
2175	0	392	37.4558	89.5529	-779.7	DU	5.17	1.91	0.77	0.371	2.482	6.697	1106.	40.	4.	765.4	28.1	1
2176	0	396	37.4558	89.5536	-778.2	DU	5.22	3.01	0.62	0.577	4.887	8.466	1101.	43.	1.	765.4	28.1	1
2177	0	412	37.4557	89.5543	-777.0	DU	4.55	2.15	1.05	0.473	2.057	4.345	1155.	44.	1.	763.8	28.0	1
2178	0	412	37.4557	89.5550	-774.2	DU	5.08	1.95	0.87	0.383	2.228	5.811	1208.	42.	5.	762.8	28.0	1
2179	0	392	37.4557	89.5557	-774.0	DU	3.68	1.69	0.90	0.460	1.874	4.077	1138.	46.	5.	764.3	28.0	1
2180	0	364	37.4557	89.5565	-771.5	DU	2.80	1.45	0.93	0.518	1.561	3.012	1061.	39.	7.	764.9	28.0	1
2181	0	352	37.4557	89.5572	-771.7	DU	4.12	2.39	0.58	0.579	4.085	7.060	1061.	40.	3.	763.3	28.0	1
2182	0	360	37.4557	89.5579	-769.5	DU	4.67	1.55	0.76	0.332	2.036	6.128	1162.	35.	4.	763.3	28.0	1
2183	10	356	37.4557	89.5586	-767.0	DU	5.47	0.76	1.00	0.0	0.0	5.476	1145.	41.	5.	764.9	28.0	1
2184	0	344	37.4557	89.5593	-765.5	DU	5.70	2.41	0.80	0.423	3.007	7.105	1212.	35.	8.	765.4	28.0	1
2185	0	344	37.4557	89.5601	-766.2	DU	6.10	2.08	0.83	0.341	2.493	7.312	1210.	39.	8.	763.8	28.0	1
2186	0	340	37.4557	89.5608	-763.2	DU	4.19	1.39	0.80	0.332	1.735	5.227	1184.	28.	10.	762.8	28.1	1
2187	0	352	37.4557	89.5615	-761.7	DU	5.01	1.90	0.78	0.379	2.443	6.442	1178.	31.	8.	763.8	28.1	1
2188	0	348	37.4558	89.5622	-761.5	DU	5.94	1.53	0.51	0.258	2.980	11.552	1057.	35.	8.	764.3	28.1	1
2189	10	348	37.4558	89.5629	-760.7	DU	3.55	1.05	0.54	0.0	0.0	6.623	971.	51.	11.	763.8	28.1	1
2190	0	360	37.4558	89.5636	-759.5	DU	4.46	3.27	0.51	0.732	6.424	8.776	1078.	43.	6.	763.8	28.1	1
2191	0	384	37.4558	89.5644	-758.5	DU	4.06	3.17	0.72	0.780	4.399	5.636	1175.	30.	7.	763.8	28.1	1
2192	0	396	37.4558	89.5651	-757.7	DU	4.70	2.22	0.81	0.474	2.742	5.788	1288.	35.	5.	764.3	28.2	1
2193	0	404	37.4557	89.5658	-756.0	DU	5.16	1.82	0.90	0.354	2.020	5.713	1288.	39.	5.	763.8	28.3	1
2194	0	416	37.4557	89.5665	-754.0	DU	4.73	4.12	0.90	0.872	4.603	5.276	1395.	37.	3.	761.8	28.3	1
2195	0	412	37.4557	89.5672	-752.2	DU	6.88	1.92	1.19	0.280	1.623	5.805	1371.	45.	2.	762.8	28.2	1
2196	0	396	37.4557	89.5680	-751.7	DU	5.40	2.53	1.09	0.470	2.327	4.954	1383.	51.	9.	764.3	28.2	1
2197	0	412	37.4557	89.5687	-751.0	DU	6.41	3.75	0.91	0.585	4.118	7.036	1528.	32.	7.	763.8	28.2	1
2198	0	372	37.4557	89.5694	-750.5	DU	5.35	1.46	0.99	0.273	1.469	5.385	1366.	43.	9.	761.8	28.2	1
2199	0	336	37.4557	89.5701	-750.5	DU	5.01	1.78	0.86	0.355	2.077	5.845	1223.	39.	8.	762.8	28.2	1
2200	0	320	37.4557	89.5708	-748.2	DU	5.25	2.37	0.77	0.453	3.077	6.799	1194.	34.	9.	763.8	28.2	1
2201	10	296	37.4557	89.5715	-748.0	DU	6.75	1.15	0.69	0.0	0.0	9.786	1090.	35.	7.	763.8	28.3	1
2202	10	308	37.4557	89.5723	-746.7	DU	5.66	1.14	0.69	0.0	0.0	8.189	962.	49.	8.	762.8	28.3	1
2203	10	316	37.4557	89.5729	-746.2	DU	4.51	0.56	0.69	0.0	0.0	6.579	1040.	43.	6.	762.8	28.2	1
2204	0	328	37.4557	89.5737	-746.7	DU	4.30	1.84	0.64	0.427	2.889	6.760	948.	50.	8.	764.3	28.3	1
2205	0	368	37.4557	89.5744	-745.5	DU	5.63	2.37	0.59	0.420	4.042	9.618	1013.	38.	5.	763.8	28.4	1
2206	0	396	37.4557	89.5751	-745.0	DU	4.96	2.98	0.72	0.601	4.158	6.921	1226.	35.	3.	762.8	28.4	1
2207	0	392	37.4557	89.5758	-745.2	DU	5.98	2.99	0.70	0.500	4.251	8.506	1277.	27.	3.	762.8	28.3	1
2208	0	396	37.4557	89.5765	-744.2	DU	4.70	2.48	0.98	0.527	2.535	4.808	1262.	33.	9.	763.8	28.5	1
2209	0	380	37.4557	89.5772	-744.0	DU	5.12	1.72	0.85	0.336	2.026	6.039	1162.	39.	6.	763.8	28.5	1
2210	0	356	37.4557	89.5780	-742.7	DU	5.06	1.55	0.80	0.307	1.952	6.364	1168.	35.	9.	761.8	28.4	1
2211	0	348	37.4557	89.5787	-741.2	DU	3.57	1.43	0.75	0.401	1.897	4.733	1124.	36.	8.	762.8	28.4	1
2212	10	364	37.4557	89.5794	-740.7	DU	4.96	1.15	0.66	0.0	0.0	7.483	1138.	47.	14.	764.3	28.3	1
2213	10	320	37.4557	89.5801	-741.5	DU	4.70	0.40	0.78	0.0	0.0	6.063	1041.	38.	10.	762.8	28.3	1
2214	0	304	37.4557	89.5809	-740.5	DU	3.09	2.29	0.49	0.742	4.675	6.305	994.	40.	13.	761.8	28.4	1
2215	10	308	37.4557	89.5816	-740.0	DU	4.72	0.21	0.73	0.0	0.0	6.463	1048.	41.	16.	763.3	28.4	1
2216	10	348	37.4557	89.5823	-740.0	DU	3.64	0.43	0.58	0.0	0.0	6.331	1051.	43.	11.	763.8	28.4	1
2217	0	372	37.4557	89.5830	-739.7	DU	4.14	1.94	0.58	0.468	3.343	7.144	1123.	49.	11.	763.3	28.3	1
2218	0	372	37.4557	89.5837	-738.7	DU	4.50	1.88	0.79	0.419	2.386	5.699	1231.	49.	9.	762.3	28.3	1
2219	0	400	37.4557	89.5845	-737.7	DU	5.77	2.78	0.72	0.481	3.853	8.004	1275.	41.	6.	762.8	28.3	1
2220	0	404	37.4557	89.5852	-736.5	DU	4.30	2.64	0.98	0.613	2.703	4.408	1459.	35.	7.	764.3	28.2	1
2221	10	420	37.4557	89.5859	-736.0	DU	5.19	1.34	1.22	0.0	0.0	4.267	1375.	43.	5.	763.8	28.2	1
2222	0	412	37.4557	89.5866	-736.5	DU	6.51	1.97	1.14	0.303	1.725	5.702	1336.	42.	5.	761.8	28.2	1
2223	0	392	37.4557	89.5874	-734.2	DU	4.44	1.93	1.14	0.435	1.694	3.896	1290.	35.	5.	763.8	28.2	1
2224	0	404	37.4557	89.5881	-733.2	DU	5.69	1.53	1.18	0.269	1.293	4.813	1332.	44.	7.	765.4	28.2	1
2225	10	408	37.4557	89.5888	-733.7	SU-2	7.37	0.98	1.16	0.0	0.0	6.365	1379.	28.	12.	763.8	28.3	1
2226	10	448	37.4557	89.5895	-733.2	SU-2	7.23	0.57	1.10	0.0	0.0	6.555	1474.	30.	12.	762.8	28.3	1

* ID	TAGS QUAL	ALT	* LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
2227	10	484	37.4557	89.5902	-731.2	SU-2	5.11	0.57	1.22	0.0	0.0	4.206	1541.	41.	16.	763.3	28.3	1
2228	10	496	37.4557	89.5910	-730.2	SU-2	9.06	0.30	1.29	0.0	0.0	7.011	1631.	32.	15.	764.3	28.3	1
2229	0	484	37.4557	89.5917	-730.7	SU-2	9.38	2.13	1.06	0.227	2.016	8.878	1731.	46.	16.	764.3	28.4	1
2230	10	500	37.4557	89.5924	-731.0	SU-2	7.69	0.85	1.41	0.0	0.0	5.462	1660.	52.	18.	763.8	28.4	1
2231	0	492	37.4557	89.5931	-730.0	SU-2	4.67	3.08	1.44	0.659	2.139	3.244	1669.	40.	19.	763.8	28.4	1
2232	10	488	37.4557	89.5937	-729.0	SU-2	7.11	1.42	1.24	0.0	0.0	5.725	1702.	26.	17.	764.3	28.5	1
2233	10	504	37.4557	89.5945	-727.2	SU-2	7.96	1.09	1.26	0.0	0.0	6.318	1631.	30.	14.	764.3	28.4	1
2234	10	512	37.4557	89.5952	-728.2	SU-2	6.30	0.63	1.30	0.0	0.0	4.853	1619.	45.	12.	762.8	28.5	1
2235	0	520	37.4557	89.5959	-727.5	SU-2	6.69	2.25	1.19	0.336	1.884	5.606	1582.	31.	12.	762.8	28.5	1
2236	0	520	37.4557	89.5966	-727.0	SU-2	7.29	2.99	1.21	0.411	2.468	6.010	1597.	33.	8.	763.8	28.5	1
2237	0	512	37.4557	89.5974	-726.2	SU-2	7.52	5.41	0.89	0.720	6.082	8.453	1572.	42.	7.	764.3	28.5	1
2238	0	496	37.4557	89.5981	-726.2	SU-2	6.08	3.73	1.15	0.614	3.246	5.289	1504.	41.	5.	763.3	28.5	1
2239	0	484	37.4557	89.5988	-726.2	SU-2	7.61	4.60	0.99	0.605	4.662	7.708	1609.	40.	2.	762.8	28.5	1
2240	0	496	37.4557	89.5995	-724.2	SU-2	8.07	2.45	1.11	0.303	2.212	7.293	1610.	33.	4.	763.8	28.6	1
2241	0	496	37.4557	89.6002	-724.0	SU-2	8.06	4.27	1.28	0.530	3.342	6.310	1728.	32.	2.	764.3	28.7	1
2242	0	496	37.4557	89.6010	-723.2	SU-2	7.44	3.48	1.09	0.468	3.193	6.826	1588.	43.	3.	762.8	28.7	1
2243	10	500	37.4557	89.6017	-723.7	SU-2	7.39	1.44	1.22	0.0	0.0	6.047	1539.	46.	2.	762.8	28.6	1
2244	0	480	37.4557	89.6024	-723.2	SU-2	7.74	2.28	1.41	0.295	1.623	5.509	1617.	31.	3.	764.3	28.7	1
2245	0	504	37.4557	89.6031	-722.7	SU-2	5.33	3.31	1.42	0.620	2.331	3.758	1611.	35.	5.	764.3	28.6	1
2246	0	500	37.4557	89.6039	-721.7	SU-2	7.60	2.53	1.27	0.333	1.996	6.000	1691.	30.	3.	762.8	28.6	1
2247	0	500	37.4557	89.6046	-721.0	SU-2	7.33	3.61	1.08	0.492	3.332	6.773	1766.	30.	2.	762.8	28.5	1
2248	0	500	37.4557	89.6053	-720.0	SU-2	9.26	2.94	1.13	0.318	2.608	8.205	1640.	34.	1.	764.3	28.5	1
2249	0	500	37.4557	89.6060	-720.0	OMK-2	7.21	4.97	0.83	0.689	6.007	8.717	1673.	35.	3.	764.3	28.5	1
2250	10	504	37.4557	89.6067	-719.5	OMK-2	12.00	1.42	1.43	0.0	0.0	8.380	1681.	32.	2.	762.8	28.5	1
2251	0	504	37.4557	89.6075	-718.7	OMK-2	6.14	1.97	1.09	0.320	1.802	5.621	1642.	40.	7.	762.8	28.5	1
2252	0	500	37.4557	89.6082	-717.7	OMK-2	8.24	3.51	1.33	0.426	2.643	6.199	1679.	33.	7.	763.8	28.5	1
2253	10	508	37.4557	89.6089	-717.5	OMK-2	8.35	1.75	1.50	0.0	0.0	5.554	1777.	30.	12.	763.8	28.5	1
2254	0	508	37.4557	89.6096	-718.2	OMK-2	8.18	2.30	1.19	0.281	1.937	6.890	1662.	40.	12.	761.8	28.5	1
2255	10	492	37.4557	89.6103	-716.2	OMK-2	8.79	1.45	1.14	0.0	0.0	7.740	1594.	51.	13.	762.8	28.5	1
2256	0	492	37.4557	89.6111	-716.0	OMK-2	7.55	3.42	1.34	0.454	2.548	5.617	1743.	36.	12.	764.3	28.5	1
2257	10	488	37.4557	89.6118	-714.7	OMK-2	7.81	1.83	1.36	0.0	0.0	5.736	1852.	32.	13.	763.8	28.5	1
2258	0	488	37.4557	89.6125	-715.7	OMK-2	7.44	2.61	0.99	0.351	2.649	7.543	1736.	38.	14.	762.3	28.5	1
2259	0	500	37.4557	89.6132	-716.0	OMK-2	6.87	2.44	1.31	0.355	1.861	5.237	1681.	35.	13.	762.3	28.5	1
2260	0	496	37.4557	89.6139	-714.5	OMK-2	8.00	2.14	1.36	0.268	1.578	5.894	1753.	35.	12.	763.8	28.5	1
2261	0	488	37.4557	89.6145	-714.5	OMK-2	7.91	2.92	1.16	0.369	2.523	6.845	1746.	61.	7.	764.3	28.5	1
2262	0	484	37.4557	89.6153	-714.2	OMK-2	7.25	2.22	1.68	0.306	1.323	4.322	1664.	35.	4.	762.8	28.4	1
2263	0	488	37.4557	89.6160	-712.5	OMK-2	7.09	3.80	1.30	0.536	2.933	5.467	1795.	45.	2.	762.8	28.4	1
2264	0	472	37.4557	89.6167	-710.5	SU-2	9.59	4.34	1.25	0.453	3.473	7.669	1802.	36.	0.	764.3	28.3	1
2265	0	460	37.4556	89.6175	-709.7	SU-2	7.00	3.23	1.27	0.461	2.545	5.518	1833.	38.	0.	764.3	28.3	1
2266	0	444	37.4556	89.6182	-707.2	SU-2	8.31	4.56	1.15	0.549	3.969	7.225	1766.	44.	0.	762.8	28.2	1
2267	0	424	37.4556	89.6189	-706.2	SU-2	6.25	4.32	1.33	0.691	3.252	4.704	1708.	43.	0.	763.8	28.2	1
2268	0	436	37.4556	89.6196	-707.0	SU-2	7.13	4.57	1.22	0.641	3.744	5.837	1703.	50.	0.	765.4	28.2	1
2269	0	456	37.4556	89.6203	-707.0	SU-2	7.06	3.01	1.30	0.426	2.316	5.438	1697.	31.	6.	764.3	28.2	1
2270	0	464	37.4556	89.6210	-707.7	SU-2	6.17	2.84	1.12	0.460	2.541	5.523	1718.	30.	11.	762.8	28.2	1
2271	0	460	37.4556	89.6218	-707.2	SU-2	8.00	1.98	1.15	0.248	1.728	6.980	1654.	37.	12.	763.8	28.2	1
2272	0	452	37.4557	89.6225	-705.7	SU-2	8.78	2.26	1.14	0.257	1.987	7.734	1680.	46.	11.	764.9	28.3	1
2273	0	448	37.4557	89.6232	-704.7	SU-2	8.28	2.00	1.24	0.241	1.606	6.659	1800.	37.	10.	763.8	28.3	1
2274	0	440	37.4557	89.6239	-702.7	SU-2	8.92	2.36	1.58	0.264	1.489	5.630	1774.	42.	16.	763.3	28.4	1
2275	0	440	37.4557	89.6247	-701.7	SU-2	9.76	2.21	1.27	0.227	1.739	7.671	1787.	34.	14.	763.3	28.3	1
2276	10	440	37.4557	89.6254	-700.7	SU-2	8.67	0.44	1.63	0.0	0.0	5.318	1778.	41.	12.	764.3	28.4	1
2277	0	440	37.4557	89.6261	-700.0	SU-2	6.16	2.38	1.22	0.386	1.946	5.043	1750.	34.	16.	764.3	28.4	1
2278	0	440	37.4557	89.6268	-698.5	SU-2	7.38	3.15	1.19	0.427	2.647	6.204	1770.	39.	15.	762.8	28.5	1
2279	10	444	37.4557	89.6275	-698.0	SU-2	9.15	1.11	1.73	0.0	0.0	5.278	1923.	40.	13.	762.8	28.5	1

CP9 IP12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2280	10	400	37.4556	89.6283	-695.5	OMK-2	5.72	0.83	1.46	0.0	0.0	3.921	1686.	42.	15.	764.3	28.5	1
2281	10	376	37.4556	89.6290	-695.7	OMK-2	8.55	1.20	1.05	0.0	0.0	8.122	1625.	41.	7.	763.8	28.5	1
2282	0	368	37.4556	89.6297	-693.7	OMK-2	6.97	3.47	1.16	0.497	2.978	5.992	1653.	37.	10.	762.3	28.5	1
2283	0	388	37.4556	89.6304	-691.7	OMK-2	6.36	2.67	1.21	0.420	2.214	5.272	1692.	35.	6.	763.3	28.6	1
2284	0	380	37.4556	89.6311	-692.7	OMK-2	6.39	2.01	1.45	0.315	1.390	4.420	1592.	44.	9.	764.9	28.8	1
2285	10	408	37.4556	89.6318	-690.5	OMK-2	7.97	0.46	1.47	0.0	0.0	5.438	1589.	37.	10.	763.8	28.7	1
2286	0	420	37.4556	89.6326	-687.2	OMK-2	5.38	1.89	0.97	0.351	1.948	5.548	1454.	47.	12.	761.8	28.7	1
2287	0	404	37.4556	89.6333	-686.5	OMK-2	6.87	1.99	0.80	0.290	2.495	8.599	1450.	39.	10.	761.8	28.7	1
2288	0	400	37.4556	89.6340	-684.0	OMK-2	4.19	2.47	0.66	0.588	3.719	6.326	1362.	40.	10.	762.8	28.7	1
2289	10	400	37.4556	89.6347	-683.2	OMK-2	5.47	0.56	1.21	0.0	0.0	4.523	1514.	53.	15.	763.3	28.6	1
2290	0	396	37.4556	89.6354	-682.5	OMK-2	5.95	1.69	1.35	0.284	1.252	4.408	1609.	45.	12.	762.3	28.6	1
2291	0	380	37.4556	89.6361	-679.0	OMK-2	6.62	2.26	1.23	0.341	1.844	5.400	1625.	44.	8.	762.3	28.5	1
2292	0	364	37.4556	89.6368	-675.0	OMK-2	6.25	2.17	1.00	0.348	2.172	6.244	1560.	35.	7.	764.3	28.5	1
2293	0	364	37.4557	89.6375	-674.5	OMK-2	7.17	1.99	1.16	0.278	1.709	6.159	1536.	46.	5.	764.3	28.5	1
2294	0	344	37.4556	89.6383	-674.2	OMK-2	8.27	2.61	1.38	0.315	1.895	6.012	1728.	25.	6.	762.8	28.5	1
2295	0	320	37.4556	89.6390	-675.7	OMK-2	7.17	2.30	1.16	0.320	1.983	6.191	1647.	43.	5.	762.8	28.5	1
2296	0	320	37.4556	89.6397	-672.5	OMK-2	6.87	1.83	1.14	0.266	1.606	6.036	1588.	40.	5.	764.3	28.5	1
2297	0	312	37.4556	89.6404	-665.5	OMK-2	5.51	3.06	1.13	0.555	2.698	4.861	1568.	45.	0.	764.9	28.5	1
2298	0	304	37.4556	89.6411	-659.2	OMK-2	6.61	1.88	1.16	0.284	1.622	5.711	1536.	36.	3.	763.3	28.6	1
2299	0	324	37.4556	89.6419	-659.0	OMK-2	6.53	1.99	1.42	0.305	1.404	4.601	1634.	48.	3.	761.8	28.7	1
2300	0	336	37.4556	89.6426	-663.0	OMK-2	7.76	3.95	1.23	0.509	3.205	6.292	1758.	44.	0.	762.8	28.8	1
2301	0	356	37.4556	89.6433	-667.0	OMK-2	8.81	2.25	1.52	0.256	1.486	5.807	1791.	39.	3.	763.8	28.8	1
2302	0	364	37.4556	89.6440	-666.0	OMK-2	8.51	3.27	1.24	0.385	2.633	6.846	1772.	41.	2.	762.8	28.8	1
2303	0	376	37.4556	89.6447	-666.0	OMK-2	8.17	4.35	1.22	0.532	3.569	6.708	1842.	43.	2.	761.8	28.8	1
2304	0	384	37.4556	89.6454	-663.2	OMK-2	8.78	2.29	1.31	0.261	1.745	6.685	1786.	46.	4.	762.8	28.7	1
2305	0	404	37.4556	89.6462	-661.7	OMK-2	6.07	3.16	1.25	0.520	2.531	4.867	1644.	62.	6.	763.8	28.6	1
2306	0	408	37.4556	89.6469	-662.2	OMK-2	8.00	4.00	1.31	0.499	3.048	6.105	1789.	34.	2.	763.3	28.6	1
2307	0	396	37.4556	89.6476	-661.2	OMK-2	4.92	4.13	1.23	0.839	3.357	4.003	1751.	47.	5.	762.3	28.5	1
2308	0	384	37.4556	89.6483	-659.2	OMK-2	9.04	3.22	1.47	0.357	2.192	6.147	1711.	52.	3.	761.2	28.5	1
2309	0	384	37.4556	89.6490	-658.2	OMK-2	8.14	2.98	1.05	0.366	2.826	7.731	1668.	42.	3.	762.3	28.6	1
2310	0	348	37.4556	89.6498	-656.7	OMK-2	7.70	1.87	1.12	0.243	1.666	6.867	1544.	36.	4.	763.3	28.6	1
2311	0	312	37.4556	89.6505	-655.5	OMK-2	6.41	2.07	0.89	0.323	2.328	7.207	1458.	35.	3.	763.3	28.6	1
2312	0	328	37.4556	89.6512	-655.2	OMK-2	5.11	4.97	0.88	0.972	5.622	5.784	1484.	44.	1.	761.2	28.5	1
2313	0	380	37.4556	89.6519	-653.0	OMK-2	6.92	3.87	1.23	0.559	3.152	5.638	1681.	36.	0.	762.3	28.5	1
2314	0	368	37.4556	89.6526	-651.2	OMK-2	6.45	4.23	1.32	0.656	3.214	4.901	1660.	42.	1.	763.3	28.5	1
2315	0	364	37.4556	89.6534	-651.0	OMK-2	7.00	4.59	1.04	0.655	4.399	6.713	1574.	44.	2.	763.3	28.5	1
2316	0	380	37.4556	89.6541	-647.5	OMK-2	7.65	3.51	0.69	0.460	5.085	11.061	1426.	39.	3.	761.8	28.5	1
2317	0	372	37.4556	89.6548	-646.0	OMK-2	5.06	4.29	1.00	0.848	4.277	5.042	1505.	38.	2.	761.8	28.5	1
2318	0	380	37.4556	89.6555	-646.5	OMK-2	7.15	3.35	1.29	0.468	2.604	5.562	1620.	43.	4.	763.8	28.5	1
2319	0	348	37.4556	89.6562	-646.0	OMK-2	6.24	3.16	0.98	0.507	3.221	6.356	1496.	44.	4.	763.8	28.5	1
2320	0	308	37.4556	89.6569	-645.5	OMK-2	5.28	2.33	1.04	0.441	2.228	5.055	1434.	57.	5.	761.8	28.5	1
2321	0	320	37.4556	89.6576	-645.5	OMK-2	7.07	1.39	1.13	0.196	1.232	6.280	1408.	44.	6.	761.8	28.5	1
2322	0	384	37.4556	89.6583	-644.2	OMK-2	9.33	2.22	1.35	0.238	1.645	6.925	1739.	40.	6.	762.8	28.5	1
2323	0	408	37.4556	89.6591	-644.7	OMK-2	10.88	2.83	1.49	0.260	1.908	7.325	1825.	42.	3.	762.8	28.5	1
2324	0	412	37.4556	89.6598	-642.7	OMK-2	7.01	3.60	1.22	0.514	2.941	5.720	1740.	46.	11.	761.8	28.5	1
2325	10	424	37.4556	89.6605	-641.5	OMK-2	7.56	0.98	1.52	0.0	0.0	4.960	1806.	29.	12.	761.8	28.4	1
2326	0	444	37.4556	89.6612	-642.0	OMK-2	9.50	2.00	1.55	0.211	1.296	6.148	1861.	49.	11.	762.8	28.3	1
2327	0	440	37.4556	89.6619	-640.0	OMK-2	7.19	3.45	1.39	0.479	2.488	5.192	1817.	40.	15.	763.8	28.3	1
2328	0	436	37.4556	89.6627	-637.7	OMK-2	9.27	2.55	1.47	0.275	1.738	6.316	1898.	39.	11.	762.8	28.3	1
2329	0	444	37.4556	89.6634	-637.5	OMK-2	9.06	3.11	1.34	0.344	2.325	6.768	1867.	46.	7.	761.8	28.2	1
2330	0	440	37.4556	89.6641	-636.2	OMK-2	8.74	3.40	1.36	0.389	2.493	6.412	1751.	35.	7.	761.8	28.2	1
2331	0	444	37.4556	89.6648	-635.0	OMK-2	9.96	2.26	1.58	0.227	1.430	6.310	1848.	49.	9.	762.8	28.2	1
2332	0	460	37.4556	89.6655	-633.7	OMK-2	10.17	5.42	1.11	0.533	4.883	9.160	1885.	38.	4.	763.8	28.2	1

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2333	0	472	37.4555	89.6662	-634.2	OMK-2	6.94	4.32	1.40	0.623	3.088	4.960	1835.	36.	3.	761.8	28.2	1
2334	0	472	37.4555	89.6670	-632.5	OMK-2	7.94	4.96	1.41	0.625	3.519	5.629	1884.	40.	3.	760.7	28.2	1
2335	0	452	37.4556	89.6677	-631.0	OMK-2	10.14	2.76	1.54	0.272	1.795	6.606	1796.	28.	2.	762.8	28.1	1
2336	0	440	37.4556	89.6684	-629.7	OMK-2	9.24	2.42	1.14	0.261	2.126	8.136	1762.	40.	2.	763.8	28.1	1
2337	0	448	37.4556	89.6692	-629.5	ODP	8.99	3.97	1.27	0.441	3.120	7.067	1830.	51.	3.	762.8	28.1	1
2338	10	456	37.4556	89.6699	-629.0	ODP	10.07	1.29	1.65	0.0	0.0	6.119	1946.	40.	4.	762.8	28.1	1
2339	0	460	37.4556	89.6706	-626.5	ODP	9.13	3.05	1.52	0.334	1.999	5.990	1866.	50.	3.	761.8	28.1	1
2340	0	440	37.4556	89.6713	-625.0	ODP	7.89	2.39	1.61	0.302	1.484	4.908	1783.	38.	2.	762.8	28.1	1
2341	10	440	37.4556	89.6720	-624.2	ODP	8.30	1.24	1.31	0.0	0.0	6.351	1743.	42.	12.	763.8	28.2	1
2342	10	4[illegible]	37.4556	89.6727	-624.5	ODP	6.75	1.33	1.26	0.0	0.0	5.342	1674.	42.	15.	762.8	28.4	1
2343	0	4[illegible]	37.4556	89.6735	-621.7	ODP	5.39	1.85	1.47	0.344	1.264	3.676	1674.	47.	15.	761.8	28.4	1
2344	10	424	37.4556	89.6742	-621.0	ODP	5.74	1.13	1.34	0.0	0.0	4.272	1657.	48.	17.	762.8	28.4	1
2345	10	412	37.4556	89.6749	-620.2	ODP	7.33	1.04	1.47	0.0	0.0	4.976	1684.	38.	17.	763.8	28.5	1
2346	0	412	37.4555	89.6757	-619.2	ODP	8.53	1.80	1.17	0.211	1.535	7.265	1558.	47.	17.	763.3	28.5	1
2347	10	380	37.4555	89.6764	-619.2	ODP	6.62	1.20	0.86	0.0	0.0	7.657	1464.	31.	19.	762.3	28.5	1
2348	0	408	37.4555	89.6770	-619.0	ODP	7.72	1.69	0.90	0.219	1.869	8.542	1481.	42.	15.	761.8	28.5	1
2349	0	424	37.4555	89.6777	-616.5	ODP	7.74	3.22	1.15	0.416	2.810	6.748	1605.	47.	15.	761.8	28.5	1
2350	0	432	37.4555	89.6784	-616.5	ODP	8.05	2.31	1.01	0.287	2.280	7.956	1635.	41.	11.	762.3	28.6	1
2351	0	452	37.4555	89.6792	-615.5	ODP	9.21	1.92	1.17	0.208	1.636	7.850	1666.	33.	8.	762.3	28.7	1
2352	0	472	37.4555	89.6799	-613.7	ODP	11.79	2.69	1.40	0.228	1.921	8.424	1819.	35.	2.	761.2	28.8	1
2353	0	460	37.4555	89.6806	-613.0	ODP	8.81	1.94	1.39	0.221	1.398	6.329	1634.	49.	5.	760.7	28.8	1
2354	0	460	37.4555	89.6813	-611.2	ODP	6.70	1.63	1.32	0.243	1.229	5.063	1673.	46.	4.	761.8	28.8	1
2355	0	460	37.4555	89.6821	-609.7	ODP	8.24	3.52	0.99	0.427	3.571	8.358	1592.	45.	0.	761.8	28.7	1
2356	0	476	37.4556	89.6827	-608.2	ODP	8.61	3.21	1.18	0.373	2.716	7.277	1683.	31.	3.	761.2	28.7	1
2357	0	492	37.4556	89.6835	-609.2	ODP	10.07	2.09	1.47	0.208	1.422	6.848	1716.	53.	4.	760.2	28.6	1
2358	0	476	37.4556	89.6842	-608.2	ODP	8.27	3.58	0.95	0.433	3.765	8.703	1688.	45.	3.	759.2	28.5	1
2359	0	476	37.4555	89.6849	-607.5	ODP	7.33	2.71	1.19	0.370	2.283	6.176	1720.	53.	5.	760.7	28.5	1
2360	10	480	37.4555	89.6857	-606.0	ODP	8.54	1.69	1.32	0.0	0.0	6.451	1758.	42.	7.	761.8	28.5	1
2361	0	488	37.4555	89.6864	-604.0	ODP	7.75	1.94	1.40	0.251	1.385	5.529	1751.	43.	6.	760.7	28.5	1
2362	0	488	37.4555	89.6871	-603.5	ODP	9.77	3.15	1.35	0.322	2.324	7.211	1823.	52.	8.	759.7	28.5	1
2363	10	484	37.4555	89.6878	-602.5	ODP	10.05	1.70	1.32	0.0	0.0	7.630	1743.	42.	8.	759.7	28.5	1
2364	0	492	37.4555	89.6886	-600.2	ODP	7.24	2.55	1.32	0.352	1.934	5.488	1732.	48.	10.	760.7	28.5	1
2365	10	492	37.4555	89.6893	-599.7	ODP	7.75	1.75	1.33	0.0	0.0	5.838	1725.	53.	8.	762.8	28.6	1
2366	0	496	37.4555	89.6900	-597.0	ODP	9.85	3.24	1.20	0.329	2.703	8.212	1817.	33.	6.	761.8	28.5	1
2367	0	496	37.4555	89.6907	-595.0	ODP	6.44	2.52	1.40	0.391	1.796	4.597	1676.	49.	7.	760.7	28.5	1
2368	0	492	37.4555	89.6914	-595.0	ODP	6.58	3.10	1.19	0.472	2.603	5.516	1666.	41.	7.	760.2	28.5	1
2369	0	492	37.4555	89.6921	-593.2	ODP	10.42	2.37	1.61	0.228	1.476	6.488	1819.	24.	4.	760.2	28.5	1
2370	0	472	37.4555	89.6929	-592.7	ODP	7.05	5.36	1.04	0.759	5.160	6.794	1723.	41.	0.	761.2	28.6	1
2371	0	472	37.4555	89.6936	-590.5	ODP	9.17	3.93	1.26	0.428	3.127	7.303	1761.	51.	2.	762.3	28.6	1
2372	0	468	37.4555	89.6943	-588.5	ODP	5.84	3.99	1.45	0.683	2.746	4.021	1678.	39.	4.	761.2	28.7	1
2373	0	516	37.4555	89.6950	-587.5	ODP	7.06	3.70	1.08	0.524	3.423	6.527	1718.	47.	3.	760.2	28.7	1
2374	0	524	37.4555	89.6957	-586.7	ODP	9.45	3.83	1.44	0.405	2.655	6.563	1723.	47.	3.	761.2	28.7	1
2375	0	524	37.4555	89.6964	-585.2	ODP	7.75	2.88	1.53	0.372	1.881	5.055	1764.	38.	10.	761.8	28.6	1
2376	10	520	37.4555	89.6972	-583.5	ODP	7.70	0.84	1.35	0.0	0.0	5.710	1650.	56.	11.	760.7	28.5	1
2377	10	520	37.4555	89.6978	-581.5	ODP	10.24	0.21	1.46	0.0	0.0	7.009	1693.	58.	10.	759.7	28.5	1
2378	0	516	37.4555	89.6985	-581.0	ODP	7.86	2.11	1.38	0.268	1.529	5.699	1706.	38.	8.	759.7	28.4	1
2379	10	520	37.4555	89.6993	-579.7	ODP	9.78	1.22	1.39	0.0	0.0	7.011	1689.	50.	10.	761.8	28.4	1
2380	10	524	37.4555	89.6999	-578.0	ODP	8.90	0.13	1.66	0.0	0.0	5.357	1726.	35.	10.	762.8	28.4	1
2381	0	520	37.4555	89.7006	-575.0	ODP	8.58	3.42	1.25	0.398	2.733	6.868	1841.	37.	10.	761.8	28.3	1
2382	10	524	37.4555	89.7013	-572.5	ODP	9.17	0.64	1.44	0.0	0.0	6.384	1769.	44.	9.	760.2	28.3	1
2383	10	520	37.4555	89.7020	-572.0	ODP	6.72	1.58	1.87	0.0	0.0	3.595	1817.	45.	10.	761.2	28.3	1
2384	0	524	37.4555	89.7027	-570.2	ODP	7.89	2.99	1.30	0.380	2.303	6.066	1769.	42.	5.	763.3	28.3	1
2385	0	536	37.4555	89.7034	-570.5	ODP	7.69	2.57	1.44	0.334	1.789	5.359	1815.	34.	6.	762.3	28.3	1

CP 9 1P 12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	REDUCED DATA GROSS	COS	UAIR	PRESS	TEMP	SYS
2386	0	544	37.4555	89.7041	-568.5		ODP	9.10	2.35	1.25	0.258	1.876	7.266	1761.	43.	3.	760.7	28.3	1
2387	10	540	37.4555	89.7047	-567.0		ODP	10.13	1.88	1.29	0.0	0.0	7.862	1719.	35.	5.	760.7	28.3	1
2388	0	536	37.4555	89.7054	-565.5		ODP	5.49	3.44	1.25	0.627	2.745	4.381	1591.	39.	5.	761.8	28.4	1
2389	0	548	37.4555	89.7061	-564.5		ODP	6.62	4.14	1.31	0.626	3.162	5.050	1761.	35.	4.	762.8	28.4	1
2390	0	556	37.4555	89.7068	-562.5		ODP	5.39	4.05	1.15	0.751	3.522	4.687	1589.	43.	5.	762.8	28.4	1
2391	0	556	37.4555	89.7075	-560.2		ODP	7.95	2.61	1.11	0.328	2.358	7.182	1588.	49.	2.	760.7	28.4	1
2392	0	552	37.4555	89.7082	-560.0		ODP	7.84	4.17	1.00	0.532	4.173	7.837	1628.	41.	0.	760.7	28.4	1
2393	0	540	37.4556	89.7089	-557.5		ODP	6.56	2.41	1.22	0.367	1.967	5.361	1587.	37.	7.	762.8	28.3	1
2394	0	524	37.4556	89.7095	-555.5		ODP	8.51	2.00	1.37	0.235	1.460	6.201	1708.	40.	7.	762.8	28.3	1
2395	0	496	37.4556	89.7102	-554.7		OJD	7.51	2.55	1.44	0.340	1.771	5.210	1649.	41.	7.	762.3	28.2	1
2396	0	476	37.4556	89.7109	-553.7		OJD	8.44	2.57	1.31	0.305	1.959	6.420	1709.	33.	5.	761.8	28.3	1
2397	0	456	37.4556	89.7117	-551.7		OJD	6.45	2.54	1.42	0.394	1.792	4.544	1691.	52.	6.	761.8	28.3	1
2398	0	444	37.4555	89.7123	-549.2		OJD	9.11	1.85	1.38	0.204	1.341	6.588	1693.	41.	7.	762.8	28.3	1
2399	0	460	37.4555	89.7130	-547.7		OJD	9.99	2.77	1.44	0.277	1.919	6.917	1737.	35.	2.	764.3	28.3	1
2400	0	460	37.4555	89.7136	-548.0		OJD	10.10	2.21	1.38	0.219	1.604	7.320	1791.	37.	4.	763.8	28.4	1
2401	0	460	37.4556	89.7144	-547.5		OJD	8.35	1.86	1.29	0.223	1.436	6.455	1708.	44.	1.	761.8	28.3	1
2402	0	448	37.4556	89.7151	-546.5		OJD	4.98	5.25	1.28	1.055	4.098	3.884	1685.	36.	1.	761.8	28.4	1
2403	0	416	37.4556	89.7157	-545.2		OJD	7.41	2.18	1.16	0.294	1.876	6.393	1448.	44.	0.	762.8	28.4	1
2404	0	380	37.4556	89.7165	-543.7		OJD	7.72	1.45	1.00	0.188	1.449	7.700	1442.	29.	3.	764.3	28.4	1
2405	0	344	37.4556	89.7171	-542.7		OJD	6.29	1.62	0.84	0.258	1.920	7.449	1310.	40.	2.	763.8	28.4	1
2406	0	336	37.4556	89.7178	-541.2		OJD	5.18	2.64	0.87	0.510	3.046	5.968	1309.	40.	2.	762.3	28.4	1
2407	0	320	37.4556	89.7185	-540.7		OJD	6.75	2.27	0.73	0.336	3.085	9.188	1265.	44.	2.	762.3	28.5	1
2408	0	352	37.4556	89.7192	-540.5		OJD	7.27	2.76	1.05	0.380	2.636	6.933	1440.	36.	5.	763.3	28.5	1
2409	0	408	37.4556	89.7199	-539.2		OJD	8.79	1.98	1.13	0.226	1.749	7.755	1570.	30.	5.	763.8	28.4	1
2410	0	420	37.4556	89.7206	-539.7		OJD	8.62	2.03	1.27	0.235	1.599	6.794	1747.	41.	9.	764.3	28.4	1
2411	0	424	37.4556	89.7213	-538.7		OJD	7.73	2.94	1.10	0.380	2.657	7.000	1727.	37.	9.	763.8	28.3	1
2412	0	440	37.4556	89.7219	-538.5		OJD	8.67	2.94	1.28	0.340	2.301	6.773	1842.	34.	7.	762.8	28.3	1
2413	10	452	37.4556	89.7226	-537.5		OJD	7.63	1.56	1.62	0.0	0.0	4.699	1827.	35.	10.	762.8	28.2	1
2414	10	456	37.4556	89.7233	-537.2		OJD	7.30	1.35	1.49	0.0	0.0	4.887	1795.	39.	11.	764.3	28.3	1
2415	0	456	37.4556	89.7240	-537.0		OJD	11.27	1.79	1.37	0.159	1.305	8.227	1759.	34.	7.	765.4	28.2	1
2416	10	468	37.4556	89.7247	-536.0		OJD	7.44	0.77	1.51	0.0	0.0	4.927	1738.	28.	9.	763.8	28.3	1
2417	0	480	37.4556	89.7254	-535.0		OJD	5.74	3.29	1.49	0.573	2.202	3.844	1742.	43.	7.	763.8	28.4	1
2418	0	480	37.4556	89.7261	-535.7		OJD	10.44	2.78	1.25	0.266	2.226	8.368	1736.	36.	3.	763.8	28.4	1
2419	0	472	37.4556	89.7267	-535.5		OJD	8.01	3.87	0.95	0.484	4.082	8.442	1731.	32.	3.	764.3	28.4	1
2420	0	472	37.4556	89.7275	-534.5		OJD	7.52	2.44	1.37	0.325	1.783	5.485	1725.	35.	6.	765.4	28.4	1
2421	0	480	37.4556	89.7281	-534.5		OJD	8.87	3.65	1.41	0.411	2.593	6.302	1680.	38.	4.	766.4	28.4	1
2422	0	472	37.4556	89.7289	-533.7		OJD	8.61	2.06	1.19	0.239	1.727	7.232	1625.	41.	2.	765.4	28.4	1
2423	0	456	37.4556	89.7295	-533.2		OJD	6.22	3.03	1.24	0.487	2.450	5.030	1649.	40.	6.	764.3	28.3	1
2424	0	440	37.4556	89.7302	-533.0		OJD	8.05	2.74	1.23	0.341	2.225	6.534	1769.	36.	4.	764.3	28.4	1
2425	0	428	37.4556	89.7310	-530.7		OJD	10.51	2.64	1.53	0.251	1.723	6.857	1858.	34.	5.	765.4	28.3	1
2426	0	420	37.4556	89.7316	-531.0		OJD	6.99	3.67	1.38	0.525	2.659	5.061	1819.	36.	2.	766.4	28.4	1
2427	0	412	37.4556	89.7323	-531.7		OJD	8.92	3.47	1.37	0.390	2.529	6.491	1873.	40.	0.	766.4	28.4	1
2428	0	396	37.4556	89.7330	-529.7		OJD	10.10	3.74	1.42	0.370	2.632	7.106	1927.	31.	0.	764.3	28.4	1
2429	0	380	37.4556	89.7337	-529.2		OJD	6.63	3.48	1.48	0.525	2.345	4.468	1862.	38.	0.	764.3	28.5	1
2430	0	376	37.4556	89.7343	-529.0		OJD	9.92	3.81	1.40	0.385	2.723	7.080	1918.	37.	0.	766.4	28.6	1
2431	0	368	37.4557	89.7350	-528.0		OJD	7.24	3.00	1.63	0.414	1.834	4.428	1859.	29.	2.	766.9	28.6	1
2432	0	356	37.4557	89.7358	-527.7		OJD	10.52	4.37	1.34	0.415	3.255	7.837	1868.	41.	0.	766.9	28.6	1
2433	0	340	37.4557	89.7364	-528.2		OJD	9.28	2.79	1.38	0.301	2.025	6.729	1890.	36.	2.	766.9	28.5	1
2434	0	336	37.4557	89.7371	-527.2		OJD	7.54	4.24	1.28	0.562	3.312	5.896	1844.	48.	5.	765.9	28.5	1
2435	0	336	37.4557	89.7378	-527.0		OJD	7.41	3.30	1.59	0.445	2.074	4.661	1813.	38.	5.	766.9	28.5	1
2436	0	336	37.4556	89.7385	-527.2		OJD	8.24	2.54	1.64	0.308	1.549	5.026	1907.	46.	7.	769.0	28.5	1
2437	0	344	37.4556	89.7391	-529.5		OJD	8.40	1.49	1.46	0.178	1.026	5.772	1906.	34.	6.	766.9	28.5	1
2438	0	356	37.4556	89.7399	-529.2		OJD	8.96	2.12	1.75	0.236	1.209	5.122	1876.	38.	6.	765.9	28.6	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2439	0	372	37.4557	89.7406	-530.7	OJD	8.60	3.19	1.42	0.370	2.251	6.076	1851.	43.	7.	765.9	28.6	1
2440	0	384	37.4557	89.7412	-530.7	OJD	8.32	1.69	1.44	0.204	1.179	5.795	1761.	44.	6.	765.9	28.6	1
2441	0	388	37.4557	89.7419	-532.0	OJD	6.22	3.19	1.46	0.513	2.190	4.267	1754.	48.	7.	766.9	28.6	1
2442	0	392	37.4557	89.7426	-533.0	OJD	6.14	3.67	1.32	0.598	2.770	4.635	1880.	37.	7.	766.9	28.6	1
2443	0	372	37.4557	89.7433	-533.7	OJD	7.55	2.64	1.30	0.350	2.035	5.810	1727.	44.	2.	765.4	28.5	1
2444	0	360	37.4557	89.7440	-534.7	OJD	9.32	3.46	1.28	0.371	2.710	7.309	1861.	33.	1.	765.4	28.6	1
2445	0	360	37.4557	89.7447	-535.7	OJD	7.18	3.17	1.22	0.442	2.607	5.898	1770.	60.	3.	765.9	28.6	1
2446	0	364	37.4557	89.7453	-536.2	OJD	7.39	2.68	1.67	0.362	1.600	4.419	1854.	40.	6.	765.9	28.6	1
2447	0	372	37.4557	89.7460	-538.0	OJD	9.54	2.39	1.48	0.251	1.612	6.433	1943.	44.	4.	766.9	28.6	1
2448	0	392	37.4557	89.7468	-539.0	OJD	7.18	4.09	1.48	0.570	2.768	4.858	1899.	35.	4.	766.4	28.6	1
2449	0	396	37.4557	89.7474	-541.7	OJD	8.61	5.00	1.24	0.580	4.036	6.955	1884.	50.	3.	765.4	28.6	1
2450	0	400	37.4557	89.7482	-544.0	OJD	8.08	4.70	1.25	0.582	3.754	6.452	1923.	43.	3.	765.4	28.5	1
2451	0	412	37.4557	89.7488	-544.7	OJD	7.46	3.65	1.51	0.489	2.407	4.922	1843.	43.	1.	765.4	28.5	1
2452	0	420	37.4557	89.7495	-546.5	OJD	6.69	2.64	1.34	0.394	1.968	4.997	1828.	38.	3.	765.4	28.6	1
2453	0	416	37.4557	89.7502	-548.7	OJD	6.11	4.40	1.49	0.721	2.950	4.092	1829.	36.	4.	767.4	28.6	1
2454	0	408	37.4557	89.7509	-552.0	OJD	10.37	1.64	1.43	0.158	1.145	7.249	1755.	27.	1.	766.4	28.6	1
2455	0	400	37.4557	89.7516	-553.5	OJD	7.28	2.94	1.65	0.403	1.786	4.426	1702.	31.	1.	764.3	28.6	1
2456	0	404	37.4557	89.7522	-555.2	OJD	7.54	3.17	1.31	0.420	2.423	5.769	1717.	42.	2.	764.3	28.7	1
2457	0	404	37.4557	89.7530	-557.7	OJD	8.18	3.93	1.45	0.481	2.715	5.641	1789.	38.	0.	764.3	28.7	1
2458	0	404	37.4557	89.7536	-561.7	OJD	6.90	2.86	1.34	0.415	2.129	5.135	1800.	40.	4.	764.3	28.8	1
2459	10	408	37.4557	89.7543	-563.2	OJD	7.67	0.55	1.89	0.0	0.0	4.058	1855.	40.	7.	766.4	28.8	1
2460	0	404	37.4557	89.7550	-564.7	OJD	9.44	2.10	1.44	0.223	1.458	6.548	1839.	29.	9.	766.4	28.8	1
2461	0	396	37.4557	89.7557	-566.5	OJD	8.34	2.27	1.55	0.272	1.467	5.386	1766.	34.	9.	765.4	28.8	1
2462	0	396	37.4558	89.7564	-571.0	OJD	7.45	4.01	1.23	0.539	3.257	6.046	1785.	37.	7.	764.3	28.9	1
2463	0	408	37.4558	89.7571	-574.7	OJD	7.26	2.49	1.84	0.344	1.355	3.946	1781.	44.	10.	764.3	28.9	1
2464	0	408	37.4557	89.7578	-576.5	OJD	8.34	3.07	1.26	0.368	2.438	6.631	1772.	39.	7.	763.8	28.8	1
2465	0	408	37.4557	89.7584	-577.5	OJD	6.01	3.57	1.46	0.595	2.454	4.123	1817.	37.	8.	763.8	28.8	1
2466	0	420	37.4557	89.7592	-580.0	OJD	8.20	3.42	1.48	0.418	2.321	5.558	1814.	34.	3.	763.8	28.7	1
2467	0	436	37.4557	89.7598	-582.7	OJD	8.33	3.05	1.25	0.366	2.435	6.650	1778.	40.	5.	764.3	28.6	1
2468	0	452	37.4557	89.7605	-585.2	OJD	7.64	2.72	1.43	0.356	1.902	5.350	1842.	34.	3.	764.3	28.6	1
2469	0	464	37.4557	89.7612	-588.5	OJD	8.71	2.40	1.48	0.275	1.624	5.898	1787.	38.	3.	764.3	28.6	1
2470	0	480	37.4558	89.7619	-591.2	OJD	7.15	2.99	1.58	0.418	1.884	4.510	1743.	42.	1.	763.8	28.6	1
2471	0	496	37.4558	89.7626	-594.7	OJD	7.71	3.07	1.43	0.397	2.144	5.396	1705.	39.	4.	762.3	28.5	1
2472	0	508	37.4558	89.7632	-597.7	OJD	5.58	2.55	1.33	0.457	1.917	4.195	1557.	33.	11.	761.2	28.6	1
2473	0	520	37.4558	89.7640	-599.7	OJD	6.04	3.26	1.25	0.539	2.617	4.851	1521.	37.	10.	761.8	28.5	1
2474	0	520	37.4558	89.7647	-602.0	OJD	8.20	2.77	0.92	0.338	3.002	8.879	1593.	37.	10.	762.3	28.5	1
2475	0	508	37.4558	89.7654	-604.5	OJD	4.67	2.35	1.34	0.503	1.753	3.488	1510.	49.	16.	763.3	28.4	1
2476	0	512	37.4557	89.7660	-607.5	OJD	7.25	2.56	1.20	0.354	2.136	6.039	1679.	35.	17.	763.8	28.4	1
2477	10	512	37.4558	89.7667	-610.5	OJD	8.77	0.44	1.32	0.0	0.0	6.630	1823.	37.	19.	764.3	28.3	1
2478	10	504	37.4558	89.7674	-612.5	OJD	9.27	1.70	0.95	0.0	0.0	9.808	1809.	43.	19.	764.3	28.3	1
2479	10	496	37.4558	89.7681	-614.5	OJD	9.65	1.20	1.33	0.0	0.0	7.280	1776.	31.	14.	762.8	28.2	1
2480	10	484	37.4558	89.7688	-616.7	OJD	8.34	0.21	1.92	0.0	0.0	4.335	1841.	40.	14.	762.8	28.3	1
2481	10	468	37.4558	89.7695	-618.7	OJD	7.69	1.54	1.52	0.0	0.0	5.048	1734.	48.	13.	762.8	28.3	1
2482	10	452	37.4558	89.7702	-620.2	OJD	7.87	0.75	1.48	0.0	0.0	5.312	1784.	40.	11.	762.8	28.3	1
2483	0	440	37.4558	89.7708	-623.7	OJD	8.82	2.10	1.39	0.238	1.514	6.353	1816.	50.	9.	763.8	28.4	1
2484	0	428	37.4558	89.7715	-626.5	OJD	7.86	1.98	1.37	0.251	1.446	5.751	1708.	51.	7.	764.3	28.5	1
2485	0	416	37.4558	89.7723	-628.7	OJD	7.27	1.97	1.06	0.271	1.864	6.880	1652.	37.	5.	764.3	28.5	1
2486	10	412	37.4558	89.7729	-631.5	OJD	9.22	1.42	1.20	0.0	0.0	7.714	1709.	43.	5.	763.8	28.5	1
2487	0	416	37.4558	89.7736	-635.0	OSE-2	10.39	2.65	1.21	0.255	2.190	8.593	1652.	48.	3.	762.8	28.5	1
2488	0	420	37.4558	89.7743	-636.7	OSE-2	7.87	3.65	1.15	0.464	3.187	6.874	1651.	46.	7.	761.8	28.5	1
2489	0	412	37.4558	89.7750	-638.5	OSE-2	6.20	2.17	1.39	0.350	1.566	4.474	1641.	47.	10.	761.8	28.4	1
2490	0	412	37.4558	89.7756	-641.7	OSE-2	9.50	3.59	1.16	0.377	3.099	8.211	1675.	32.	6.	761.8	28.4	1
2491	0	424	37.4558	89.7764	-643.5	OSE-2	9.12	1.68	1.22	0.185	1.378	7.465	1685.	39.	8.	762.8	28.3	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2492	0	424	37.4558	89.7770	-646.0	OSE-2	8.31	2.37	1.56	0.285	1.515	5.320	1734.	25.	12.	763.8	28.3	1
2493	0	416	37.4558	89.7777	-648.7	OSE-2	9.43	1.63	1.32	0.173	1.240	7.155	1635.	35.	6.	763.8	28.2	1
2494	0	404	37.4558	89.7785	-650.7	OSE-2	7.25	3.06	1.28	0.421	2.379	5.648	1655.	46.	8.	763.8	28.2	1
2495	0	380	37.4558	89.7791	-652.0	OSE-2	8.26	1.80	1.08	0.217	1.667	7.670	1576.	49.	5.	763.3	28.1	1
2496	0	356	37.4558	89.7798	-654.5	OSE-2	7.09	2.61	1.07	0.368	2.446	6.641	1473.	32.	5.	762.3	28.1	1
2497	0	356	37.4558	89.7804	-656.5	OSE-2	4.78	3.84	0.74	0.804	5.189	6.451	1323.	37.	3.	762.3	28.1	1
2498	10	344	37.4558	89.7812	-660.0	OSE-2	4.72	0.89	0.82	0.0	0.0	5.746	1167.	41.	3.	763.3	28.1	1
2499	0	376	37.4558	89.7818	-663.2	OSE-1	5.18	3.20	0.51	0.617	6.317	10.239	1084.	43.	0.	764.3	28.1	1
2500	0	372	37.4559	89.7826	-665.7	OSE-1	3.32	3.11	0.89	0.938	3.505	3.737	1112.	38.	0.	764.3	28.1	1
2501	0	352	37.4559	89.7833	-666.5	OSE-1	4.64	2.86	0.67	0.616	4.277	6.937	1127.	33.	3.	764.3	28.1	1
2502	0	356	37.4559	89.7839	-669.0	OSE-1	4.32	1.62	1.07	0.375	1.511	4.029	1102.	49.	3.	764.3	28.2	1
2503	0	400	37.4558	89.7847	-671.7	OSE-1	5.53	2.56	0.74	0.463	3.448	7.449	1256.	37.	5.	763.8	28.1	1
2504	0	424	37.4558	89.7853	-674.5	OSE-1	4.74	1.67	0.90	0.352	1.846	5.246	1243.	52.	10.	762.8	28.1	1
2505	0	436	37.4558	89.7860	-676.0	OSE-1	3.35	1.55	0.91	0.462	1.700	3.675	1245.	45.	11.	763.8	28.2	1
2506	10	456	37.4558	89.7867	-677.5	OSE-2	5.92	0.27	1.13	0.0	0.0	5.258	1372.	30.	16.	763.8	28.3	1
2507	0	464	37.4558	89.7874	-679.2	OSE-2	4.33	1.78	1.16	0.412	1.531	3.719	1393.	47.	18.	764.9	28.4	1
2508	10	464	37.4559	89.7881	-681.7	OSE-2	5.85	1.16	1.31	0.0	0.0	4.449	1420.	39.	18.	765.9	28.4	1
2509	10	464	37.4559	89.7887	-682.2	OSE-2	6.46	1.57	1.17	0.0	0.0	5.532	1496.	34.	13.	764.9	28.3	1
2510	10	448	37.4559	89.7895	-683.0	OSE-2	5.89	0.88	1.24	0.0	0.0	4.763	1515.	41.	15.	763.8	28.3	1
2511	0	436	37.4559	89.7901	-685.2	OSE-2	7.97	2.47	1.04	0.310	2.385	7.702	1654.	32.	12.	763.8	28.2	1
2512	0	424	37.4559	89.7908	-689.2	OSE-2	6.77	2.76	1.11	0.408	2.486	6.100	1554.	47.	8.	764.3	28.2	1
2513	0	416	37.4559	89.7915	-690.5	OSE-2	8.62	3.31	0.98	0.384	3.374	8.796	1665.	52.	6.	764.9	28.3	1
2514	0	404	37.4559	89.7922	-691.7	OSE-2	7.35	2.27	1.00	0.309	2.270	7.341	1629.	44.	10.	765.9	28.3	1
2515	10	404	37.4558	89.7928	-694.2	OSE-2	6.13	0.92	1.37	0.0	0.0	4.464	1478.	45.	8.	766.4	28.4	1
2516	0	400	37.4559	89.7936	-695.0	OSE-2	5.44	2.06	1.00	0.379	2.053	5.420	1254.	45.	4.	766.4	28.4	1
2517	0	412	37.4559	89.7943	-697.0	OSE-2	6.28	1.71	1.08	0.272	1.588	5.832	1320.	32.	4.	765.4	28.5	1
2518	0	424	37.4559	89.7949	-699.5	OSE-2	6.55	2.17	1.05	0.331	2.070	6.259	1554.	39.	6.	764.3	28.5	1
2519	0	408	37.4559	89.7957	-700.7	OSE-2	9.31	1.55	1.20	0.166	1.289	7.754	1604.	42.	2.	764.3	28.4	1
2520	0	392	37.4559	89.7963	-700.7	OSE-2	6.59	3.34	1.28	0.507	2.603	5.133	1592.	52.	3.	764.9	28.4	1
2521	10	388	37.4559	89.7971	-704.0	OSE-2	7.91	1.32	1.33	0.0	0.0	5.968	1647.	46.	5.	765.9	28.4	1
2522	0	396	37.4559	89.7977	-704.7	OSE-2	10.08	3.86	0.95	0.383	4.039	10.552	1666.	43.	3.	766.4	28.4	1
2523	0	408	37.4559	89.7984	-705.5	OSE-2	6.89	2.15	1.11	0.312	1.940	6.224	1577.	42.	8.	766.4	28.5	1
2524	0	412	37.4559	89.7991	-708.0	OSE-2	8.14	3.40	1.11	0.418	3.064	7.326	1658.	38.	4.	765.4	28.5	1
2525	0	416	37.4559	89.7998	-707.7	OSE-2	8.48	2.73	1.23	0.322	2.224	6.899	1705.	31.	9.	764.3	28.6	1
2526	0	412	37.4559	89.8005	-709.5	OSE-2	7.28	3.36	1.29	0.462	2.597	5.622	1649.	42.	6.	763.8	28.6	1
2527	0	392	37.4559	89.8012	-712.5	OSE-2	9.56	1.63	0.84	0.171	1.953	11.424	1481.	33.	9.	763.8	28.7	1
2528	10	380	37.4559	89.8019	-714.2	OSE-2	7.98	1.46	0.88	0.0	0.0	9.106	1362.	54.	8.	763.8	28.8	1
2529	0	392	37.4559	89.8025	-714.2	OSE-2	4.93	2.76	0.94	0.559	2.921	5.226	1400.	42.	10.	765.4	28.7	1
2530	0	384	37.4559	89.8032	-714.7	OSE-2	6.53	2.00	1.03	0.306	1.939	6.336	1432.	38.	8.	766.4	28.6	1
2531	10	384	37.4559	89.8039	-715.2	OSE-2	5.91	1.16	1.04	0.0	0.0	5.692	1464.	38.	7.	765.9	28.5	1
2532	0	376	37.4559	89.8046	-717.7	OSE-2	6.77	1.88	1.05	0.277	1.795	6.481	1465.	36.	7.	764.9	28.5	1
2533	0	408	37.4559	89.8053	-720.2	OSE-2	6.17	1.51	1.33	0.245	1.132	4.630	1630.	36.	9.	763.3	28.5	1
2534	0	420	37.4559	89.8060	-721.7	OSE-2	7.26	1.80	1.24	0.248	1.447	5.841	1637.	39.	8.	762.8	28.5	1
2535	0	424	37.4559	89.8067	-721.2	OSE-2	7.93	2.06	1.43	0.260	1.446	5.555	1677.	38.	6.	763.8	28.5	1
2536	0	416	37.4559	89.8073	-722.2	OSE-2	6.41	3.88	1.18	0.605	3.275	5.411	1587.	48.	8.	764.3	28.5	1
2537	0	420	37.4559	89.8080	-723.7	OSE-2	7.09	2.23	1.54	0.314	1.447	4.604	1643.	39.	6.	763.8	28.5	1
2538	0	404	37.4559	89.8087	-724.7	OSE-2	5.30	5.57	1.02	1.051	5.450	5.187	1702.	42.	0.	764.9	28.5	1
2539	0	392	37.4560	89.8094	-726.0	OSE-2	7.92	2.46	1.15	0.311	2.145	6.907	1525.	38.	3.	766.4	28.5	1
2540	0	384	37.4560	89.8101	-725.5	OSE-2	7.16	2.63	0.91	0.368	2.882	7.840	1461.	40.	4.	766.4	28.5	1
2541	0	376	37.4559	89.8108	-726.5	OJC	5.45	3.85	0.76	0.707	5.036	7.123	1268.	40.	2.	765.4	28.6	1
2542	10	372	37.4559	89.8115	-727.2	OJC	5.52	1.01	0.88	0.0	0.0	6.259	1056.	43.	5.	765.4	28.6	1
2543	0	444	37.4559	89.8121	-727.2	OJC	4.24	2.77	0.66	0.654	4.194	6.415	1130.	38.	5.	765.4	28.6	1
2544	0	492	37.4559	89.8129	-729.0	OJC	4.18	1.63	1.40	0.389	1.161	2.984	1265.	53.	5.	764.3	28.6	1

CP9 1P 12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2545	0	472	37.4559	89.8135	-730.2		OJC	5.42	2.52	0.92	0.464	2.721	5.863	1382.	32.	8.	763.3	28.7	1
2546	0	432	37.4560	89.8143	-730.2		OJC	4.59	2.65	0.82	0.579	3.238	5.597	1257.	46.	6.	763.3	28.7	1
2547	0	440	37.4560	89.8150	-730.7		OJC	6.60	2.10	1.13	0.318	1.862	5.856	1395.	43.	9.	763.8	28.7	1
2548	0	448	37.4560	89.8156	-733.0		OJC	6.34	2.04	0.77	0.322	2.643	8.204	1477.	32.	7.	764.3	28.7	1
2549	10	468	37.4560	89.8164	-734.0		OJC	6.90	1.24	0.97	0.0	0.0	7.130	1409.	42.	9.	764.3	28.7	1
2550	10	488	37.4560	89.8170	-732.7		OJC	5.97	0.11	1.13	0.0	0.0	5.296	1310.	35.	15.	765.4	28.6	1
2551	0	488	37.4560	89.8177	-732.5		OJC	3.27	1.88	0.81	0.575	2.305	4.010	1160.	37.	11.	765.9	28.6	1
2552	10	464	37.4559	89.8184	-732.5		OJC	3.95	1.16	0.76	0.0	0.0	5.189	1067.	53.	12.	765.9	28.5	1
2553	10	392	37.4559	89.8191	-732.7		OJC	5.57	-0.04	0.79	0.0	0.0	7.042	1118.	39.	10.	765.9	28.5	1
2554	10	416	37.4560	89.8198	-733.0		OJC	7.77	1.06	0.84	0.0	0.0	9.205	1375.	27.	7.	765.9	28.5	1
2555	10	428	37.4560	89.8204	-734.5		OJC	6.30	0.98	0.85	0.0	0.0	7.376	1280.	34.	9.	765.4	28.5	1
2556	0	432	37.4560	89.8212	-734.5		OJC	7.69	2.41	0.87	0.313	2.757	8.808	1346.	38.	8.	765.4	28.5	1
2557	10	412	37.4560	89.8218	-733.7		OJC	5.44	1.21	1.19	0.0	0.0	4.582	1256.	33.	6.	765.4	28.5	1
2558	10	408	37.4560	89.8225	-737.0		OJC	7.35	0.86	1.09	0.0	0.0	6.742	1346.	40.	6.	764.3	28.5	1
2559	0	420	37.4560	89.8232	-737.2		OJC	6.79	1.72	0.86	0.254	1.998	7.876	1272.	40.	3.	764.3	28.5	1
2560	0	416	37.4560	89.8239	-737.0		OJC	5.45	1.60	0.77	0.294	2.088	7.105	1077.	33.	2.	763.8	28.5	1
2561	0	400	37.4560	89.8246	-737.0		OJC	3.91	2.46	0.62	0.630	3.963	6.293	976.	46.	2.	764.3	28.5	1
2562	0	396	37.4560	89.8253	-738.7		OJC	2.85	1.71	0.77	0.602	2.221	3.688	1057.	47.	4.	764.3	28.5	1
2563	0	424	37.4560	89.8260	-738.5		OJC	4.15	2.85	0.93	0.686	3.070	4.475	1229.	36.	2.	764.3	28.5	1
2564	10	432	37.4560	89.8266	-739.7		OJC	6.67	1.33	0.84	0.0	0.0	7.984	1172.	38.	6.	763.8	28.5	1
2565	0	440	37.4560	89.8273	-739.7		OJC	6.10	1.86	0.75	0.304	2.462	8.098	1205.	39.	5.	762.8	28.5	1
2566	0	436	37.4560	89.8280	-740.2		OJC	5.56	1.56	0.64	0.281	2.434	8.667	1079.	29.	2.	763.8	28.5	1
2567	0	444	37.4560	89.8287	-741.5		OJC	3.35	2.67	0.73	0.797	3.656	4.587	1091.	36.	5.	763.8	28.5	1
2568	0	428	37.4560	89.8294	-740.5		OJC	5.34	3.20	0.81	0.600	3.948	6.577	1131.	49.	4.	763.8	28.5	1
2569	0	364	37.4560	89.8301	-739.5		OJC	4.66	2.03	0.83	0.435	2.430	5.587	1175.	46.	4.	763.8	28.6	1
2570	0	392	37.4560	89.8308	-741.5		OJC	5.94	2.04	1.13	0.343	1.808	5.269	1351.	36.	5.	764.3	28.6	1
2571	0	396	37.4560	89.8315	-742.5		OJC	6.73	2.48	0.97	0.369	2.571	6.974	1354.	39.	5.	764.3	28.6	1
2572	0	376	37.4560	89.8322	-742.7		OJC	5.26	1.46	0.75	0.278	1.960	7.056	1189.	31.	6.	763.8	28.6	1
2573	0	420	37.4560	89.8329	-743.0		OJC	4.45	1.86	0.75	0.417	2.464	5.909	1127.	35.	9.	764.3	28.6	1
2574	0	488	37.4560	89.8336	-744.5		OJC	5.25	2.23	1.02	0.426	2.194	5.155	1259.	47.	7.	765.4	28.6	1
2575	0	488	37.4560	89.8342	-745.2		OJC	5.99	2.64	0.59	0.441	4.466	10.127	1363.	29.	7.	765.4	28.5	1
2576	0	476	37.4560	89.8349	-745.0		OJC	5.19	2.10	1.01	0.405	2.075	5.127	1335.	32.	6.	765.4	28.5	1
2577	0	468	37.4561	89.8356	-744.7		OJC	7.27	1.95	1.10	0.268	1.768	6.594	1395.	36.	7.	766.4	28.5	1
2578	0	468	37.4561	89.8363	-745.0		OJC	8.09	2.20	1.00	0.271	2.200	8.108	1501.	35.	9.	765.4	28.5	1
2579	0	456	37.4561	89.8370	-746.7		OJC	7.81	2.50	1.19	0.320	2.096	6.547	1444.	46.	9.	763.8	28.4	1
2580	0	428	37.4560	89.8377	-747.2		OJC	5.18	2.83	1.04	0.546	2.716	4.978	1409.	50.	15.	764.3	28.5	1
2581	10	472	37.4560	89.8384	-747.0		OJC	9.09	0.04	1.19	0.0	0.0	7.611	1621.	31.	11.	763.8	28.5	1
2582	10	472	37.4560	89.8390	-748.2		OJC	6.80	0.48	1.22	0.0	0.0	5.572	1445.	47.	14.	763.8	28.5	1
2583	0	460	37.4560	89.8397	-750.2		OJC	5.82	3.13	1.15	0.539	2.734	5.076	1564.	29.	9.	764.3	28.5	1
2584	0	460	37.4560	89.8404	-750.0		OJC	7.78	2.77	0.85	0.356	3.273	9.200	1498.	43.	4.	765.4	28.6	1
2585	0	440	37.4561	89.8411	-750.2		OJC	7.04	2.20	1.04	0.312	2.118	6.790	1435.	45.	6.	765.9	28.6	1
2586	0	428	37.4561	89.8418	-752.5		OJC	5.96	2.10	1.27	0.352	1.651	4.696	1502.	33.	4.	765.9	28.6	1
2587	0	424	37.4561	89.8425	-753.0		OJC	5.02	4.66	1.19	0.928	3.911	4.213	1530.	34.	0.	765.9	28.6	1
2588	0	428	37.4561	89.8432	-751.7		OJC	6.20	4.11	1.06	0.663	3.871	5.838	1527.	37.	5.	765.4	28.5	1
2589	10	436	37.4561	89.8438	-752.7		OJC	5.96	1.36	1.52	0.0	0.0	3.925	1465.	46.	5.	764.3	28.5	1
2590	0	424	37.4561	89.8445	-752.2		OJC	7.19	3.34	1.20	0.465	2.787	5.993	1598.	53.	3.	764.3	28.5	1
2591	0	408	37.4560	89.8452	-753.5		OJC	6.62	1.91	1.15	0.289	1.656	5.734	1522.	56.	6.	764.3	28.5	1
2592	10	392	37.4561	89.8459	-753.5		OJC	7.50	1.15	1.32	0.0	0.0	5.699	1613.	46.	10.	763.3	28.5	1
2593	0	352	37.4561	89.8467	-754.5		OJC	6.47	3.27	1.04	0.505	3.135	6.209	1563.	45.	7.	763.3	28.5	1
2594	0	360	37.4561	89.8473	-755.0		OJC	7.35	2.90	1.11	0.394	2.599	6.598	1581.	41.	8.	764.3	28.5	1
2595	10	380	37.4561	89.8481	-753.7		OJC	7.89	1.38	1.12	0.0	0.0	7.016	1633.	46.	9.	764.3	28.5	1
2596	0	380	37.4561	89.8486	-753.7		OJC	6.35	1.51	1.40	0.237	1.076	4.541	1566.	45.	9.	764.3	28.6	1
2597	0	380	37.4561	89.8494	-753.5		OJC	8.44	2.81	0.96	0.333	2.920	8.763	1661.	52.	3.	765.4	28.5	1

CP9 1P12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2598	0	368	37.4561	89.8501	-752.5	OJC	7.33	2.58	1.10	0.352	2.340	6.645	1631.	37.	5.	765.4	28.5	1
2599	0	372	37.4561	89.8508	-753.0	OJC	5.50	3.34	1.10	0.607	3.043	5.015	1641.	45.	4.	765.4	28.5	1
2600	10	392	37.4561	89.8515	-754.0	OJC	7.93	1.38	1.21	0.0	0.0	6.552	1509.	47.	7.	765.4	28.5	1
2601	0	412	37.4561	89.8521	-753.2	OJC	8.46	3.05	1.09	0.360	2.782	7.727	1610.	43.	8.	765.4	28.4	1
2602	0	428	37.4561	89.8529	-753.2	OJC	7.45	2.64	1.13	0.354	2.340	6.617	1570.	33.	5.	766.4	28.4	1
2603	0	432	37.4561	89.8535	-752.2	OJC	4.00	4.65	0.78	1.165	5.987	5.140	1576.	47.	5.	765.4	28.4	1
2604	0	440	37.4561	89.8542	-752.7	OJC	8.41	2.13	0.95	0.253	2.243	8.872	1589.	40.	10.	764.3	28.4	1
2605	0	440	37.4561	89.8549	-752.7	OJC	7.33	2.59	0.87	0.353	2.984	8.455	1552.	39.	10.	765.4	28.3	1
2606	0	432	37.4561	89.8556	-752.2	OJC	7.51	1.68	1.15	0.223	1.463	6.561	1582.	36.	8.	766.4	28.4	1
2607	0	440	37.4561	89.8562	-753.0	OJC	7.64	1.77	1.33	0.231	1.333	5.765	1641.	35.	6.	766.4	28.3	1
2608	0	428	37.4561	89.8570	-752.0	OJC	6.60	3.52	0.97	0.533	3.626	6.806	1570.	41.	7.	766.4	28.3	1
2609	0	416	37.4561	89.8577	-751.2	OJC	8.09	1.76	1.26	0.217	1.402	6.448	1644.	46.	9.	765.4	28.3	1
2610	0	412	37.4561	89.8584	-751.7	OJC	6.34	3.81	1.00	0.602	3.797	6.312	1685.	36.	10.	765.4	28.3	1
2611	0	404	37.4561	89.8591	-751.0	OJC	6.59	4.22	0.94	0.641	4.506	7.035	1656.	38.	9.	765.4	28.4	1
2612	0	396	37.4561	89.8598	-750.2	OJC	9.63	2.85	1.02	0.296	2.805	9.489	1675.	59.	7.	764.3	28.4	1
2613	0	396	37.4561	89.8605	-749.0	OJC	8.61	2.56	1.01	0.297	2.530	8.509	1599.	40.	7.	764.3	28.4	1
2614	10	408	37.4561	89.8612	-745.7	OJC	7.01	0.74	1.21	0.0	0.0	5.793	1477.	46.	9.	763.8	28.4	1
2615	0	432	37.4561	89.8619	-746.5	OJC	5.60	2.21	1.03	0.395	2.138	5.417	1452.	34.	12.	763.8	28.5	1
2616	0	440	37.4561	89.8626	-748.2	OJC	6.04	3.56	0.62	0.589	5.707	9.688	1475.	43.	6.	762.8	28.5	1
2617	0	444	37.4561	89.8634	-746.5	OJC	4.04	3.28	0.92	0.813	3.576	4.398	1363.	38.	6.	762.8	28.5	1
2618	0	456	37.4561	89.8641	-744.2	OJC	5.37	2.49	0.80	0.464	3.102	6.683	1280.	40.	8.	762.8	28.5	1
2619	0	412	37.4561	89.8648	-744.5	OJC	6.90	3.14	0.51	0.455	6.213	13.646	1125.	52.	3.	762.8	28.5	1
2620	0	384	37.4561	89.8655	-744.2	OJC	4.74	1.82	0.71	0.384	2.568	6.696	1072.	38.	0.	762.8	28.5	1
2621	0	388	37.4561	89.8662	-742.2	OJC	4.33	2.80	0.52	0.647	5.360	8.289	1061.	41.	1.	762.8	28.4	1
2622	0	380	37.4561	89.8669	-741.5	OJC	4.69	2.17	0.53	0.464	4.130	8.909	1018.	57.	3.	762.8	28.4	1
2623	0	400	37.4561	89.8676	-740.5	OJC	6.34	2.17	0.62	0.343	3.506	10.215	1109.	41.	0.	762.8	28.4	1
2624	0	400	37.4561	89.8683	-739.7	OJC	5.94	3.47	0.60	0.584	5.785	9.899	1136.	36.	1.	763.8	28.3	1
2625	0	416	37.4561	89.8690	-737.0	OJC	5.99	2.71	0.81	0.453	3.361	7.418	1270.	45.	2.	763.8	28.3	1
2626	0	424	37.4561	89.8698	-735.2	OJC	3.42	5.50	0.69	1.607	7.916	4.925	1327.	35.	0.	763.8	28.3	1
2627	0	444	37.4561	89.8705	-735.0	OJC	4.80	2.93	0.92	0.610	3.193	5.232	1297.	56.	0.	762.8	28.3	1
2628	0	476	37.4561	89.8712	-734.0	OJC	5.04	4.16	0.88	0.826	4.729	5.724	1483.	47.	3.	762.8	28.3	1
2629	0	472	37.4561	89.8719	-732.5	OJC	5.62	3.79	1.05	0.675	3.607	5.347	1422.	43.	2.	761.8	28.3	1
2630	0	468	37.4561	89.8726	-731.5	OJC	7.07	2.51	0.81	0.355	3.094	8.713	1488.	39.	2.	761.8	28.3	1
2631	0	484	37.4561	89.8733	-729.2	OJC	6.38	2.25	1.08	0.353	2.086	5.916	1534.	34.	4.	761.8	28.3	1
2632	0	496	37.4561	89.8740	-728.2	OJC	8.34	1.88	1.19	0.226	1.579	6.997	1530.	38.	6.	761.8	28.3	1
2633	0	508	37.4561	89.8748	-726.2	OJC	7.44	3.55	1.04	0.477	3.402	7.136	1630.	33.	4.	761.8	28.2	1
2634	10	512	37.4561	89.8754	-724.2	OJC	7.39	1.59	0.97	0.0	0.0	7.653	1536.	29.	5.	761.8	28.2	1
2635	10	500	37.4561	89.8761	-722.7	OJC	6.62	1.09	0.74	0.0	0.0	8.903	1273.	47.	9.	761.8	28.1	1
2636	10	524	37.4561	89.8768	-719.5	OJC	5.01	1.26	1.01	0.0	0.0	4.969	1343.	43.	10.	762.8	28.1	1
2637	0	536	37.4561	89.8775	-718.7	OJC	4.44	3.33	0.94	0.751	3.559	4.741	1356.	32.	3.	763.8	28.1	1
2638	0	532	37.4561	89.8783	-717.2	OJC	4.11	3.03	0.60	0.736	5.007	6.804	1259.	43.	6.	762.8	28.1	1
2639	10	532	37.4561	89.8790	-716.0	OJC	7.94	0.94	0.86	0.0	0.0	9.188	1357.	46.	10.	762.8	28.1	1
2640	0	528	37.4561	89.8797	-712.7	OJC	4.88	2.30	1.04	0.472	2.224	4.708	1391.	40.	10.	763.8	28.1	1
2641	0	524	37.4561	89.8803	-710.5	OJC	5.68	3.21	0.87	0.565	3.690	6.535	1401.	32.	12.	764.3	28.1	1
2642	10	516	37.4561	89.8811	-708.5	OJC	7.84	-0.22	1.09	0.0	0.0	7.193	1408.	38.	13.	763.8	28.1	1
2643	10	508	37.4561	89.8818	-707.0	OJC	8.08	0.33	1.09	0.0	0.0	7.427	1450.	49.	13.	764.3	28.1	1
2644	10	500	37.4561	89.8825	-704.7	OJC	4.28	1.57	0.88	0.0	0.0	4.848	1310.	43.	14.	765.4	28.2	1
2645	10	488	37.4561	89.8832	-702.0	OJC	6.41	0.98	0.93	0.0	0.0	6.891	1337.	36.	11.	764.3	28.2	1
2646	10	484	37.4561	89.8839	-699.7	OJC	6.16	0.99	1.14	0.0	0.0	5.419	1360.	37.	11.	764.3	28.2	1
2647	0	484	37.4561	89.8847	-696.5	OJC	7.64	1.95	0.90	0.255	2.160	8.460	1436.	36.	8.	764.3	28.2	1
2648	10	468	37.4561	89.8853	-694.5	OJC	5.60	1.35	0.82	0.0	0.0	6.788	1307.	40.	8.	763.8	28.2	1
2649	0	428	37.4561	89.8860	-691.2	OJC	5.97	3.01	0.79	0.504	3.815	7.571	1256.	50.	5.	763.8	28.2	1
2650	10	428	37.4561	89.8868	-687.5	OJC	6.24	1.01	0.84	0.0	0.0	7.462	1238.	30.	5.	762.8	28.3	1

CP 9 1P 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2651	0	460	37.4561	89.8875	-686.7		OJC	7.31	3.23	0.83	0.442	3.891	8.812	1419.	34.	2.	762.8	28.3	1
2652	0	440	37.4561	89.8882	-684.5		OJC	4.60	3.54	0.92	0.769	3.851	5.005	1348.	51.	0.	762.8	28.3	1
2653	0	388	37.4561	89.8889	-680.5		OJC	4.94	2.40	0.88	0.485	2.725	5.612	1352.	43.	0.	762.8	28.3	1
2654	0	408	37.4561	89.8896	-677.2		OJC	6.07	1.57	1.28	0.259	1.227	4.743	1395.	34.	3.	762.8	28.2	1
2655	0	436	37.4561	89.8903	-676.0		OJC	4.86	3.21	0.96	0.661	3.348	5.068	1456.	36.	2.	762.8	28.2	1
2656	0	428	37.4561	89.8910	-673.5		OJC	6.81	4.11	0.96	0.603	4.261	7.061	1496.	43.	4.	762.8	28.2	1
2657	0	428	37.4561	89.8918	-670.7		OJC	5.81	4.62	0.80	0.795	5.769	7.261	1419.	46.	2.	763.3	28.2	1
2658	10	384	37.4561	89.8925	-667.7		OJC	4.07	1.16	1.01	0.0	0.0	4.037	1281.	31.	7.	763.8	28.1	1
2659	0	388	37.4561	89.8932	-665.7		OJC	3.67	1.74	0.66	0.475	2.623	5.524	1113.	50.	6.	762.8	28.1	1
2660	10	400	37.4561	89.8939	-662.7		OJC	4.94	1.22	0.92	0.0	0.0	5.380	1268.	37.	4.	763.8	28.1	1
2661	0	404	37.4561	89.8945	-659.7		OJC	5.91	3.47	0.73	0.587	4.767	8.124	1313.	47.	3.	763.8	28.1	1
2662	0	408	37.4561	89.8953	-656.7		OJC	5.28	1.95	0.81	0.370	2.415	6.519	1342.	35.	5.	762.8	28.1	1
2663	0	424	37.4561	89.8960	-654.7		OJC	5.85	3.57	0.73	0.610	4.918	8.065	1422.	33.	1.	762.3	28.1	1
2664	0	444	37.4561	89.8967	-650.5		OJC	5.83	4.37	0.80	0.750	5.487	7.316	1454.	34.	0.	761.2	28.1	1
2665	0	484	37.4561	89.8974	-647.7		OJC	5.05	6.14	0.86	1.216	7.183	5.908	1494.	36.	1.	760.2	28.0	1
2666	0	504	37.4561	89.8982	-646.2		OJC	8.35	1.93	1.18	0.231	1.629	7.053	1564.	43.	0.	760.7	28.1	1
2667	0	504	37.4561	89.8988	-643.5		OJC	8.58	4.00	0.98	0.466	4.076	8.747	1596.	41.	0.	759.7	28.0	1
2668	0	504	37.4561	89.8995	-639.0		OJC	6.82	3.99	0.84	0.585	4.778	8.163	1624.	42.	2.	759.2	28.0	1
2669	0	496	37.4561	89.9002	-636.2		OJC	6.96	3.70	1.18	0.532	3.138	5.893	1655.	33.	3.	760.7	28.0	1
2670	0	488	37.4561	89.9009	-634.2		OJC	7.03	3.44	1.15	0.490	2.999	6.120	1596.	40.	6.	760.7	28.0	1
2671	0	452	37.4561	89.9017	-630.2		OJC	5.70	3.83	1.07	0.672	3.592	5.343	1524.	37.	2.	760.2	28.0	1
2672	0	452	37.4561	89.9024	-627.7		OJC	7.44	2.19	0.97	0.294	2.259	7.680	1460.	41.	6.	761.2	28.0	1
2673	0	444	37.4561	89.9031	-626.0		OJC	7.61	4.79	0.83	0.630	5.771	9.166	1519.	28.	2.	761.8	28.0	1
2674	0	448	37.4561	89.9038	-622.7		OJC	5.91	3.34	0.94	0.565	3.567	6.314	1506.	41.	4.	761.2	28.1	1
2675	0	488	37.4561	89.9045	-619.2		OJC	5.53	2.92	1.35	0.528	2.161	4.091	1636.	49.	4.	761.2	28.1	1
2676	0	496	37.4561	89.9052	-616.5		OJC	10.01	2.33	1.28	0.233	1.822	7.819	1674.	38.	1.	760.2	28.1	1
2677	0	512	37.4561	89.9059	-613.5		OJC	7.26	1.75	0.99	0.241	1.764	7.306	1634.	40.	7.	759.2	28.1	1
2678	0	520	37.4561	89.9066	-611.5		OJC	8.09	3.25	1.37	0.402	2.382	5.930	1738.	50.	3.	759.7	28.2	1
2679	0	504	37.4561	89.9074	-609.5		OJC	5.56	5.50	1.26	0.989	4.364	4.411	1753.	36.	1.	759.7	28.2	1
2680	0	484	37.4561	89.9081	-607.0		OJC	8.89	2.49	1.50	0.280	1.662	5.927	1747.	41.	5.	760.2	28.3	1
2681	0	472	37.4561	89.9088	-602.7		OJC	10.13	2.04	1.23	0.202	1.661	8.231	1706.	42.	5.	760.2	28.2	1
2682	0	480	37.4561	89.9095	-600.0		OJC	5.95	3.52	1.07	0.591	3.294	5.575	1594.	34.	4.	760.7	28.2	1
2683	0	504	37.4561	89.9102	-596.7		OJC	6.98	1.95	1.04	0.279	1.877	6.728	1632.	40.	9.	761.8	28.1	1
2684	0	512	37.4561	89.9109	-593.7		OJC	7.16	4.41	0.89	0.616	4.982	8.093	1662.	44.	6.	761.2	28.1	1
2685	0	500	37.4561	89.9116	-591.5		OJC	7.26	2.86	1.24	0.394	2.303	5.839	1723.	31.	5.	759.7	28.0	1
2686	0	488	37.4561	89.9123	-588.2		OJC	10.39	4.12	1.05	0.397	3.926	9.901	1679.	30.	5.	760.7	28.1	1
2687	10	480	37.4561	89.9131	-586.2		OJC	9.79	1.20	1.47	0.0	0.0	6.676	1701.	46.	6.	760.7	28.1	1
2688	0	460	37.4561	89.9137	-584.2		OJC	9.91	2.89	1.22	0.291	2.359	8.097	1784.	36.	3.	760.2	28.3	1
2689.	0	440	37.4561	89.9144	-581.2		OJC	7.10	4.47	0.89	0.629	5.029	7.993	1618.	42.	2.	758.7	28.2	1
2690	0	444	37.4561	89.9151	-578.2		OJC	9.61	1.91	1.35	0.199	1.422	7.139	1699.	45.	2.	758.7	28.2	1
2691	0	456	37.4561	89.9158	-576.0		OJC	6.97	2.24	0.78	0.321	2.878	8.960	1553.	56.	5.	759.2	28.2	1
2692	0	444	37.4561	89.9165	-573.7		OJC	7.03	3.17	0.96	0.451	3.307	7.340	1575.	35.	8.	759.2	28.2	1
2693	10	428	37.4561	89.9173	-571.0		OJC	8.35	1.57	1.42	0.0	0.0	5.874	1616.	41.	10.	759.7	28.1	1
2694	0	416	37.4561	89.9180	-568.7		OJC	7.45	3.35	1.12	0.450	2.992	6.654	1696.	43.	5.	760.7	28.1	1
2695	0	416	37.4561	89.9186	-567.0		OJC	6.63	2.33	1.03	0.352	2.268	6.447	1578.	41.	12.	760.2	28.3	1
2696	0	416	37.4561	89.9194	-565.5		OJC	5.76	2.72	1.01	0.472	2.691	5.700	1412.	46.	9.	760.7	28.3	1
2697	0	392	37.4561	89.9201	-564.2		OJC	5.42	2.36	0.85	0.436	2.766	6.343	1269.	59.	10.	760.7	28.2	1
2698	10	424	37.4561	89.9208	-563.0		OJC	5.49	0.55	0.99	0.0	0.0	5.565	1190.	48.	12.	760.7	28.1	1
2699	0	436	37.4561	89.9215	-561.5		OJC	6.93	2.06	0.62	0.297	3.307	11.127	1344.	27.	6.	761.8	28.1	1
2700	0	420	37.4561	89.9222	-559.5		OJC	3.94	2.06	0.83	0.522	2.483	4.754	1235.	46.	7.	760.7	28.0	1
2701	10	440	37.4561	89.9230	-557.0		OJC	5.84	1.29	1.07	0.0	0.0	5.454	1436.	45.	9.	759.7	28.0	1
2702	0	464	37.4561	89.9236	-556.5		OJC	6.29	3.78	1.05	0.602	3.595	5.977	1591.	51.	4.	759.7	28.0	1
2703	10	476	37.4561	89.9244	-556.0		OJC	9.53	1.53	1.27	0.0	0.0	7.497	1652.	38.	4.	759.2	28.0	1

CP 9 LP 12

* TAGS			* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2704	0	484	37.4561	89.9251	-553.2	OJC	7.82	4.08	1.20	0.522	3.391	6.492	1681.	38.	2.	758.1	28.0	1
2705	0	488	37.4561	89.9258	-555.2	OJC	11.01	1.78	1.09	0.162	1.631	10.088	1602.	40.	2.	759.2	27.9	1
2706	0	488	37.4561	89.9265	-554.7	OJC	8.19	4.08	0.94	0.498	4.330	8.687	1563.	40.	0.	760.7	28.0	1
2707	0	492	37.4561	89.9272	-552.5	OJC	6.33	2.82	0.99	0.445	2.853	6.405	1457.	32.	0.	760.7	28.0	1
2708	0	508	37.4561	89.9279	-552.7	OJC	4.27	3.44	0.65	0.806	5.334	6.617	1292.	36.	1.	760.7	28.1	1
2709	10	500	37.4561	89.9286	-552.7	OJC	5.77	0.59	1.03	0.0	0.0	5.624	1179.	36.	3.	761.8	28.1	1
2710	0	496	37.4561	89.9293	-552.0	OJC	4.49	4.05	0.60	0.902	6.735	7.469	1165.	36.	0.	762.8	28.2	1
2711	0	552	37.4561	89.9301	-552.0	OJC	4.00	3.76	0.64	0.940	5.925	6.302	1224.	38.	0.	760.7	28.2	1
2712	0	572	37.4561	89.9308	-550.5	OJC	5.57	3.90	0.58	0.699	6.728	9.618	1220.	28.	0.	759.7	28.3	1
2713	0	568	37.4561	89.9315	-550.0	OJC	3.95	3.75	0.79	0.949	4.722	4.974	1252.	44.	0.	759.2	28.3	1
2714	0	564	37.4561	89.9322	-551.2	OJC	5.74	3.35	0.77	0.584	4.366	7.478	1302.	46.	3.	759.2	28.4	1
2715	0	564	37.4561	89.9328	-552.2	OJC	4.81	4.01	1.02	0.832	3.919	4.709	1348.	32.	0.	760.2	28.4	1
2716	0	560	37.4561	89.9335	-553.0	OJC	5.26	2.36	0.56	0.448	4.234	9.460	1194.	53.	4.	761.2	28.4	1
2717	0	552	37.4561	89.9343	-553.5	OJC	4.07	4.16	0.97	1.024	4.273	4.171	1250.	48.	4.	762.3	28.4	1
2718	0	548	37.4561	89.9350	-553.2	OJC	5.98	3.49	0.85	0.583	4.107	7.041	1239.	38.	6.	762.8	28.4	1
2719	10	528	37.4561	89.9357	-553.5	OJC	6.88	-0.20	0.75	0.0	0.0	9.121	1203.	38.	11.	762.8	28.4	1
2720	10	528	37.4561	89.9365	-553.7	OJC	5.77	0.86	0.98	0.0	0.0	5.862	1330.	30.	10.	762.8	28.5	1
2721	0	524	37.4561	89.9372	-553.7	OJC	5.54	1.82	1.08	0.329	1.691	5.146	1312.	42.	8.	761.8	28.5	1
2722	0	516	37.4561	89.9378	-556.0	OJC	5.21	3.19	1.10	0.613	2.914	4.753	1290.	48.	9.	760.7	28.4	1
2723	0	508	37.4561	89.9385	-555.5	OJC	4.05	2.01	0.96	0.497	2.086	4.198	1214.	33.	8.	761.2	28.4	1
2724	0	504	37.4561	89.9392	-555.7	OJC	3.74	1.83	1.33	0.489	1.371	2.806	1237.	38.	7.	761.8	28.3	1
2725	10	512	37.4561	89.9399	-556.2	OJC	5.78	0.91	0.99	0.0	0.0	5.849	1208.	46.	5.	760.7	28.3	1
2726	0	448	37.4561	89.9407	-557.7	OJC	3.89	1.67	0.82	0.428	2.020	4.719	1130.	59.	4.	761.8	28.3	1
2727	0	436	37.4561	89.9414	-556.5	OJC	7.07	1.90	0.96	0.269	1.991	7.393	1237.	36.	0.	762.8	28.2	1
2728	0	448	37.4561	89.9421	-558.0	OJC	5.49	2.89	0.77	0.527	3.763	7.144	1281.	35.	0.	762.3	28.2	1
2729	0	456	37.4561	89.9428	-558.5	OJC	4.37	3.83	0.86	0.875	4.453	5.087	1311.	41.	0.	761.2	28.2	1
2730	0	480	37.4561	89.9435	-558.7	OJC	5.16	2.38	0.77	0.462	3.102	6.720	1257.	34.	3.	761.2	28.2	1
2731	10	472	37.4561	89.9442	-559.0	OJC	5.62	0.95	0.92	0.0	0.0	6.122	1219.	30.	2.	760.7	28.3	1
2732	0	472	37.4561	89.9449	-559.2	OJC	6.19	2.24	0.77	0.362	2.917	8.052	1176.	50.	2.	760.7	28.2	1
2733	0	488	37.4561	89.9457	-561.0	OJC	4.96	5.23	0.46	1.054	11.343	10.765	1247.	45.	0.	761.8	28.1	1
2734	0	492	37.4561	89.9464	-561.2	OJC	5.51	1.56	0.85	0.283	1.838	6.505	1283.	41.	2.	761.8	28.1	1
2735	0	472	37.4561	89.9471	-562.7	OJC	6.52	3.64	0.66	0.559	5.494	9.836	1312.	39.	0.	761.8	28.1	1
2736	0	476	37.4561	89.9478	-563.2	OJC	7.42	2.00	1.06	0.270	1.885	6.991	1347.	51.	0.	762.8	28.1	1
2737	0	480	37.4561	89.9485	-563.7	OJC	6.51	2.98	0.91	0.457	3.270	7.147	1368.	39.	0.	762.8	28.0	1
2738	0	488	37.4561	89.9492	-564.7	OJC	5.35	3.33	0.73	0.623	4.545	7.298	1247.	34.	1.	761.8	28.0	1
2739	0	440	37.4561	89.9499	-566.2	OJC	4.57	2.06	0.85	0.452	2.432	5.383	1196.	38.	5.	761.8	28.0	1
2740	0	416	37.4561	89.9507	-566.7	OJC	4.36	1.88	0.82	0.432	2.302	5.326	1124.	40.	2.	760.7	28.0	1
2741	0	400	37.4561	89.9514	-566.0	OJC	4.68	3.00	0.72	0.641	4.150	6.474	1147.	41.	4.	759.7	27.9	1
2742	0	388	37.4561	89.9520	-567.0	OJC	4.72	2.78	0.71	0.588	3.905	6.639	1222.	36.	6.	759.7	28.0	1
2743	10	416	37.4561	89.9527	-568.0	OJC	3.94	1.17	0.89	0.0	0.0	4.425	1275.	41.	7.	759.7	27.9	1
2744	0	416	37.4561	89.9535	-569.0	OJC	6.45	2.49	1.10	0.386	2.261	5.865	1504.	37.	7.	760.2	27.9	1
2745	0	412	37.4561	89.9542	-570.7	OJC	6.49	2.56	0.99	0.395	2.585	6.542	1508.	40.	7.	761.2	27.9	1
2746	0	408	37.4561	89.9549	-569.7	OJC	7.43	2.78	0.78	0.374	3.562	9.527	1555.	48.	5.	761.2	27.9	1
2747	0	408	37.4561	89.9556	-571.0	OJC	6.63	2.30	1.09	0.347	2.120	6.109	1665.	54.	6.	761.2	27.8	1
2748	0	404	37.4561	89.9563	-572.2	OJC	7.03	3.81	0.97	0.542	3.927	7.244	1587.	48.	3.	761.2	27.8	1
2749	10	412	37.4561	89.9570	-572.7	OJC	7.47	1.32	1.08	0.0	0.0	6.916	1579.	47.	5.	760.2	27.8	1
2750	0	420	37.4561	89.9577	-573.2	OJC	6.75	2.87	0.97	0.426	2.965	6.967	1574.	31.	3.	758.1	27.9	1
2751	0	420	37.4561	89.9584	-576.7	OJC	7.79	2.96	1.18	0.379	2.511	6.616	1612.	43.	8.	759.2	27.9	1
2752	10	420	37.4561	89.9591	-575.7	OJC	8.61	0.79	1.08	0.0	0.0	7.986	1576.	54.	10.	761.2	27.9	1
2753	0	424	37.4561	89.9599	-575.5	OJC	7.10	2.64	0.99	0.371	2.661	7.164	1537.	45.	7.	760.2	27.9	1
2754	0	420	37.4561	89.9605	-576.5	OJC	4.72	3.85	0.89	0.815	4.298	5.271	1512.	45.	8.	759.7	27.9	1
2755	0	416	37.4561	89.9613	-578.5	OJC	8.96	1.66	0.84	0.185	1.971	10.650	1468.	47.	6.	760.7	28.0	1
2756	0	416	37.4561	89.9619	-578.5	OJC	6.31	2.19	1.12	0.348	1.957	5.629	1441.	45.	5.	761.2	28.1	1

CP 6 OF 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2757	0	420	37.4561	89.9627	-577.7	OJC	6.68	3.84	0.87	0.575	4.423	7.686	1453.	44.	6.	760.2	28.1	1
2758	0	416	37.4561	89.9634	-577.7	OJC	7.76	3.09	0.69	0.399	4.499	11.285	1410.	35.	3.	759.2	28.1	1
2759	0	416	37.4561	89.9641	-581.0	OJC	5.13	2.13	0.95	0.415	2.239	5.389	1306.	43.	7.	758.7	28.2	1
2760	0	456	37.4561	89.9648	-582.5	OJC	6.81	2.00	1.06	0.293	1.880	6.416	1423.	35.	6.	758.7	28.1	1
2761	10	472	37.4561	89.9655	-583.0	OJC	5.27	0.40	0.77	0.0	0.0	6.856	1341.	37.	8.	758.7	28.1	1
2762	0	428	37.4561	89.9662	-582.2	OJC	6.15	2.82	0.83	0.458	3.387	7.399	1286.	42.	2.	758.7	28.1	1
2763	0	396	37.4561	89.9669	-584.0	OJC	6.13	1.77	0.71	0.288	2.507	8.700	1234.	42.	7.	758.7	28.1	1
2764	0	388	37.4561	89.9677	-585.0	OJC	5.72	2.58	0.73	0.450	3.548	7.883	1307.	44.	4.	759.7	28.1	1
2765	0	376	37.4561	89.9684	-584.2	OJC	8.28	2.26	0.99	0.273	2.283	8.357	1412.	43.	0.	760.7	28.1	1
2766	0	368	37.4561	89.9691	-583.5	OJC	5.53	2.04	0.96	0.368	2.117	5.749	1365.	44.	7.	759.7	28.1	1
2767	0	364	37.4561	89.9698	-584.5	OJC	6.71	3.01	0.66	0.449	4.595	10.230	1377.	42.	1.	758.7	28.1	1
2768	0	364	37.4561	89.9705	-584.2	OJC	7.44	2.33	0.71	0.314	3.267	10.418	1396.	34.	0.	758.7	28.2	1
2769	0	356	37.4561	89.9712	-584.0	OJC	7.48	2.40	0.88	0.321	2.736	8.536	1467.	54.	3.	758.7	28.2	1
2770	0	360	37.4561	89.9718	-583.7	OJC	7.97	2.76	0.91	0.346	3.042	8.781	1454.	38.	2.	758.7	28.2	1
2771	0	388	37.4561	89.9726	-584.5	OJC	5.74	2.59	1.10	0.451	2.357	5.225	1497.	43.	3.	758.7	28.2	1
2772	0	388	37.4561	89.9733	-582.5	OJC	9.02	2.77	1.12	0.307	2.477	8.059	1539.	40.	3.	758.7	28.2	1
2773	0	396	37.4561	89.9740	-582.0	OJC	6.81	2.91	0.93	0.427	3.114	7.298	1447.	55.	4.	758.7	28.2	1
2774	0	400	37.4561	89.9747	-581.5	OJC	5.46	3.25	0.94	0.596	3.455	5.799	1500.	45.	6.	758.7	28.2	1
2775	0	408	37.4561	89.9755	-582.0	OJC	7.10	2.65	0.95	0.373	2.795	7.492	1422.	49.	5.	758.7	28.1	1
2776	10	420	37.4561	89.9761	-581.7	OJC	7.52	1.00	1.28	0.0	0.0	5.898	1553.	42.	8.	758.1	28.0	1
2777	0	424	37.4561	89.9768	-580.5	OJC	5.67	2.33	0.99	0.411	2.355	5.736	1436.	43.	7.	757.1	28.0	1
2778	0	420	37.4561	89.9776	-579.7	OJC	5.74	1.82	1.05	0.318	1.732	5.450	1372.	52.	8.	757.1	27.9	1
2779	0	444	37.4561	89.9783	-579.7	OJC	6.15	2.82	1.03	0.459	2.741	5.971	1488.	33.	9.	757.1	27.9	1
2780	0	440	37.4561	89.9790	-579.0	OJC	6.87	2.60	1.10	0.378	2.356	6.229	1526.	50.	7.	757.6	27.8	1
2781	0	432	37.4561	89.9797	-578.0	OJC	8.27	1.63	1.19	0.197	1.370	6.956	1597.	41.	7.	758.7	27.8	1
2782	10	420	37.4561	89.9804	-576.5	OJC	6.94	1.21	1.00	0.0	0.0	6.965	1558.	41.	8.	758.7	27.8	1
2783	0	412	37.4561	89.9811	-575.5	OJC	8.70	3.92	1.07	0.450	3.657	8.118	1739.	36.	2.	757.6	27.8	1
2784	0	396	37.4561	89.9818	-573.5	OJC	9.26	3.97	0.69	0.429	5.779	13.487	1590.	44.	1.	756.6	27.8	1
2785	0	380	37.4561	89.9825	-571.5	OJC	7.38	3.68	1.14	0.499	3.216	6.450	1541.	37.	0.	756.6	27.9	1
2786	0	368	37.4561	89.9832	-572.0	OJC	5.13	2.32	0.65	0.451	3.547	7.860	1298.	39.	0.	757.6	27.8	1
2787	0	360	37.4561	89.9840	-572.0	OJC	3.45	3.18	0.55	0.922	5.821	6.314	1120.	40.	0.	758.7	27.9	1
2788	0	384	37.4561	89.9847	-571.5	OJC	3.37	2.25	0.83	0.668	2.720	4.071	1110.	34.	2.	758.7	27.9	1
2789	0	412	37.4561	89.9854	-572.2	OJC	4.30	3.18	0.39	0.739	8.225	11.134	1073.	43.	1.	757.6	27.9	1
2790	0	376	37.4561	89.9861	-571.7	OJC	4.08	2.48	0.47	0.606	5.288	8.723	946.	57.	1.	757.1	27.9	1
2791	0	360	37.4561	89.9868	-571.0	OJC	4.38	1.97	0.44	0.450	4.490	9.981	1006.	30.	4.	757.6	27.9	1
2792	0	348	37.4561	89.9875	-571.7	OJC	4.25	1.66	0.41	0.392	4.087	10.438	927.	38.	7.	757.6	27.9	1
2793	0	356	37.4561	89.9882	-571.5	OJC	4.21	1.79	0.40	0.426	4.462	10.470	889.	36.	8.	758.7	27.9	1
2794	10	408	37.4561	89.9890	-570.2	OJC	4.76	0.94	0.65	0.0	0.0	7.279	884.	39.	8.	758.7	27.9	1
2795	10	392	37.4561	89.9897	-571.2	OJC	3.94	1.00	0.36	0.0	0.0	11.098	903.	37.	10.	756.6	27.9	1
2796	0	380	37.4561	89.9903	-572.2	OJC	3.02	2.44	0.55	0.808	4.452	5.511	913.	40.	7.	756.6	27.9	1
2797	0	408	37.4561	89.9910	-574.0	OJC	4.45	2.51	0.47	0.565	5.332	9.438	915.	29.	3.	757.6	27.9	1
2798	10	448	37.4561	89.9917	-575.2	OJC	5.32	0.32	0.48	0.0	0.0	11.166	981.	38.	10.	758.7	27.9	1
2799	0	468	37.4561	89.9925	-576.2	OJC	3.31	2.39	0.59	0.722	4.066	5.627	1084.	58.	8.	758.1	27.9	1
2800	0	476	37.4561	89.9932	-578.2	OJC	4.68	1.74	0.71	0.372	2.443	6.569	1161.	47.	4.	757.1	27.9	1
2801	0	456	37.4561	89.9939	-580.7	OJC	4.35	3.25	0.69	0.749	4.713	6.295	1150.	30.	0.	757.1	27.9	1
2802	0	464	37.4561	89.9947	-581.0	OJC	4.77	1.82	0.89	0.380	2.044	5.375	1246.	46.	4.	758.1	27.9	1
2803	0	480	37.4561	89.9953	-583.2	OJC	6.02	3.95	0.63	0.656	6.301	9.604	1257.	49.	0.	758.1	27.9	1
2804	0	504	37.4561	89.9960	-585.7	OJC	4.57	2.66	0.95	0.583	2.793	4.793	1271.	46.	2.	759.2	28.0	1
2805	0	524	37.4561	89.9967	-585.7	OJC	6.26	4.82	0.85	0.770	5.654	7.346	1381.	31.	0.	758.1	28.0	1
2806	0	528	37.4561	89.9974	-588.7	OJC	5.21	2.50	0.56	0.481	4.456	9.264	1163.	42.	1.	757.1	28.0	1
2807	0	456	37.4561	89.9982	-591.7	OJC	5.42	2.67	0.45	0.493	5.947	12.064	1024.	39.	0.	757.1	28.0	1
2808	0	444	37.4560	89.9989	-592.0	OJC	4.65	2.56	0.48	0.550	5.291	9.622	1109.	28.	1.	757.6	28.1	1
2809	10	436	37.4560	89.9995	-592.5	OJC	3.74	1.29	0.67	0.0	0.0	5.570	1027.	40.	8.	758.7	28.2	1

* TAGS			* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1	0	572	37.3671	88.0009	-495.7	MCU	9.17	2.82	1.10	0.308	2.562	8.330	1460.	48.	0.	751.9	31.9	1
2	0	576	37.3670	88.0017	-495.5	MCU	6.90	3.30	0.91	0.478	3.631	7.588	1466.	46.	6.	751.9	32.0	1
3	10	576	37.3670	88.0023	-497.7	MCU	6.89	0.60	1.15	0.0	0.0	6.000	1492.	40.	3.	753.0	31.9	1
4	0	580	37.3670	88.0031	-497.7	MCU	4.63	3.73	0.91	0.805	4.106	5.099	1435.	38.	7.	753.0	32.0	1
5	10	576	37.3670	88.0038	-499.5	MCU	9.61	0.95	1.01	0.0	0.0	9.510	1479.	25.	3.	753.5	32.0	1
6	10	576	37.3670	88.0045	-502.5	MCU	5.96	1.51	0.75	0.0	0.0	7.949	1301.	56.	6.	753.5	32.0	1
7	10	580	37.3670	88.0052	-503.7	MCU	6.48	1.42	1.01	0.0	0.0	6.425	1444.	37.	11.	753.0	32.0	1
8	10	576	37.3669	88.0060	-504.5	MCU	6.26	1.33	1.10	0.0	0.0	5.676	1413.	39.	8.	754.0	32.0	1
9	0	576	37.3669	88.0067	-507.5	MCU	7.81	2.38	1.13	0.304	2.112	6.939	1451.	46.	1.	755.0	32.0	1
10	0	572	37.3670	88.0074	-509.0	MCU	5.77	2.68	1.26	0.464	2.135	4.599	1491.	34.	2.	754.0	32.0	1
11	0	568	37.3670	88.0081	-509.0	MCU	7.08	3.15	0.55	0.445	5.730	12.867	1482.	44.	5.	753.0	32.0	1
12	0	572	37.3669	88.0088	-511.7	MCU	7.30	2.14	0.87	0.294	2.477	8.432	1399.	49.	1.	753.5	32.0	1
13	0	568	37.3669	88.0095	-513.0	MCU	6.97	2.42	1.04	0.347	2.333	6.723	1468.	38.	0.	754.5	32.0	1
14	0	564	37.3669	88.0102	-512.7	MCU	6.44	1.80	1.13	0.279	1.590	5.693	1409.	46.	0.	754.5	32.0	1
15	0	568	37.3669	88.0109	-514.7	MCU	7.86	2.88	1.21	0.366	2.384	6.511	1470.	37.	0.	753.5	32.0	1
16	0	580	37.3669	88.0117	-516.5	MCU	4.96	2.34	1.31	0.472	1.782	3.773	1474.	54.	1.	753.5	32.1	1
17	0	580	37.3669	88.0124	-517.5	MCU	7.62	3.18	0.89	0.418	3.561	8.524	1494.	38.	0.	754.5	32.0	1
18	0	576	37.3669	88.0131	-518.2	MCU	5.72	3.72	1.11	0.649	3.355	5.166	1552.	49.	2.	755.5	32.0	1
19	0	568	37.3668	88.0138	-520.7	MCU	9.25	2.03	1.23	0.220	1.648	7.501	1508.	31.	0.	754.5	32.0	1
20	0	564	37.3668	88.0145	-522.5	MCU	6.32	3.47	1.02	0.549	3.415	6.217	1452.	44.	0.	753.5	32.0	
21	10	556	37.3668	88.0152	-523.7	MCU	9.07	1.45	1.20	0.0	0.0	7.574	1634.	31.	0.	754.0	32.0	1
22	0	560	37.3668	88.0160	-524.5	MCU	5.93	3.17	1.02	0.535	3.119	5.830	1500.	44.	0.	754.0	32.0	1
23	0	564	37.3668	88.0167	-525.2	MCU	9.27	2.17	1.18	0.234	1.842	7.858	1541.	35.	0.	754.0	32.0	1
24	10	568	37.3668	88.0174	-527.7	MCU	9.13	0.89	1.25	0.0	0.0	7.286	1584.	32.	1.	754.0	32.0	1
25	0	572	37.3668	88.0181	-530.2	MCU	8.09	4.80	1.12	0.594	4.304	7.247	1583.	28.	0.	754.0	32.0	1
26	0	568	37.3667	88.0188	-531.7	MCU	4.98	4.66	1.23	0.936	3.792	4.049	1601.	36.	0.	754.5	32.0	1
27	0	564	37.3667	88.0195	-533.0	MCU	6.66	3.51	1.17	0.527	3.002	5.702	1477.	45.	0.	755.5	32.0	1
28	10	556	37.3668	88.0202	-535.5	MCU	6.59	1.17	1.25	0.0	0.0	5.262	1510.	48.	4.	754.5	32.0	1
29	0	556	37.3667	88.0209	-536.5	MCU	7.24	2.95	0.74	0.408	3.984	9.775	1534.	41.	3.	754.5	31.9	1
30	0	552	37.3667	88.0217	-537.7	MCU	7.94	3.07	0.96	0.386	3.187	8.252	1533.	39.	0.	754.5	31.9	1
31	0	544	37.3667	88.0224	-539.0	MCU	6.17	4.22	1.00	0.684	4.208	6.155	1476.	44.	4.	754.5	31.9	1
32	0	540	37.3667	88.0231	-540.0	MCU	8.23	2.57	1.05	0.312	2.453	7.856	1516.	45.	3.	754.5	31.9	1
33	0	540	37.3667	88.0238	-541.2	MCU	7.80	3.39	1.13	0.434	2.997	6.904	1529.	46.	0.	754.5	31.9	1
34	0	544	37.3667	88.0245	-543.5	MCU	7.95	3.57	0.89	0.449	4.022	8.962	1613.	28.	0.	754.5	32.0	1
35	0	532	37.3667	88.0252	-545.5	MCU	6.26	3.27	1.26	0.523	2.598	4.970	1500.	54.	0.	754.0	31.9	1
36	0	516	37.3666	88.0260	-546.2	MCU	7.44	1.81	1.39	0.243	1.305	5.359	1485.	30.	2.	754.0	31.9	1
37	0	508	37.3666	88.0267	-547.7	MCU	7.11	3.45	1.04	0.485	3.332	6.863	1538.	50.	0.	754.5	31.9	1
38	0	496	37.3667	88.0274	-549.0	MCU	8.41	2.08	1.20	0.248	1.740	7.021	1552.	31.	0.	754.5	31.9	1
39	0	472	37.3667	88.0281	-549.7	MCU	6.39	2.07	1.31	0.324	1.575	4.865	1514.	46.	0.	753.5	31.9	1
40	0	452	37.3666	88.0288	-551.5	MCU	5.71	3.37	0.86	0.591	3.920	6.627	1394.	41.	2.	753.5	31.9	1
41	10	436	37.3666	88.0295	-553.5	MCU	8.33	1.40	1.29	0.0	0.0	6.470	1397.	50.	1.	754.0	31.9	1
42	0	436	37.3666	88.0302	-554.7	MCU	8.21	2.54	0.88	0.310	2.902	9.369	1421.	31.	3.	754.5	31.9	1
43	10	456	37.3665	88.0309	-557.0	MCU	5.70	1.24	1.16	0.0	0.0	4.924	1495.	35.	4.	754.5	31.9	1
44	10	472	37.3665	88.0316	-557.2	MCU	7.40	1.20	1.17	0.0	0.0	6.335	1505.	44.	5.	753.5	32.0	1
45	10	480	37.3666	88.0323	-558.5	MCU	8.45	1.42	1.19	0.0	0.0	7.088	1478.	44.	4.	753.5	32.0	1
46	0	492	37.3666	88.0331	-558.5	MCU	5.37	2.28	1.21	0.424	1.887	4.450	1538.	48.	3.	754.5	32.0	1
47	0	500	37.3665	88.0338	-560.0	MCU	5.95	2.74	0.96	0.461	2.850	6.180	1418.	52.	3.	754.5	32.0	1
48	0	504	37.3665	88.0345	-563.0	MCU	7.28	2.95	0.89	0.405	3.320	8.202	1417.	34.	0.	754.5	32.0	1
49	0	512	37.3665	88.0352	-564.5	MCU	8.01	4.05	0.90	0.507	4.514	8.912	1469.	43.	0.	754.5	32.0	1
50	0	516	37.3665	88.0359	-567.5	MCU	7.11	2.30	0.92	0.324	2.515	7.757	1459.	37.	1.	754.5	32.0	1
51	0	524	37.3665	88.0367	-568.7	MCU	7.82	2.92	1.01	0.373	2.896	7.772	1315.	49.	2.	754.5	32.0	1
52	0	532	37.3665	88.0374	-568.5	MCU	7.07	3.96	0.75	0.560	5.307	9.475	1450.	48.	0.	755.5	32.0	1
53	0	540	37.3665	88.0381	-569.5	MCU	7.75	3.20	0.82	0.413	3.894	9.432	1418.	34.	0.	754.5	32.0	1

CP9 IP12
CP9 IP12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
54	0	532	37.3664	88.0387	-573.0	MCU	6.30	2.36	0.66	0.375	3.603	9.616	1280.	42.	3.	754.5	32.0	1
55	0	544	37.3664	88.0395	-573.0	MCU	6.58	3.29	1.15	0.501	2.850	5.694	1415.	31.	0.	755.5	32.0	1
56	0	556	37.3665	88.0402	-574.7	MCU	7.54	3.70	0.93	0.491	3.990	8.128	1373.	48.	2.	754.5	32.0	1
57	0	560	37.3664	88.0409	-577.2	MCU	7.75	3.56	0.71	0.460	4.989	10.854	1442.	43.	3.	754.5	32.0	1
58	0	560	37.3664	88.0416	-578.2	MCU	5.50	3.88	0.61	0.706	6.350	8.998	1427.	42.	4.	754.5	32.0	1
59	10	508	37.3664	88.0424	-579.2	MCL	5.68	1.19	1.08	0.0	0.0	5.244	1281.	31.	3.	754.5	32.1	1
60	10	496	37.3664	88.0431	-580.7	MCL	4.67	0.89	1.01	0.0	0.0	4.640	1211.	48.	2.	754.5	32.1	1
61	0	504	37.3664	88.0438	-583.5	MCL	6.39	1.73	0.59	0.270	2.920	10.801	1246.	40.	5.	754.5	32.1	1
62	0	508	37.3664	88.0445	-585.2	MCL	6.57	2.57	0.87	0.391	2.951	7.554	1273.	31.	1.	753.5	32.1	1
63	0	508	37.3664	88.0452	-585.5	MCL	6.19	2.56	0.81	0.414	3.159	7.627	1209.	35.	1.	754.5	32.0	1
64	0	536	37.3663	88.0459	-587.0	MCL	4.68	1.76	0.96	0.377	1.841	4.887	1214.	39.	0.	754.5	32.1	1
65	0	516	37.3663	88.0467	-590.2	MCL	5.45	2.07	0.72	0.379	2.865	7.555	1122.	40.	0.	754.5	32.0	1
66	0	556	37.3663	88.0473	-590.2	MCL	5.51	2.46	0.72	0.447	3.406	7.625	1226.	45.	0.	754.5	32.0	1
67	0	580	37.3663	88.0480	-588.2	MCL	4.25	1.79	0.83	0.420	2.165	5.151	1220.	45.	0.	754.5	32.1	1
68	0	576	37.3663	88.0488	-591.5	MCL	4.27	2.53	1.02	0.593	2.493	4.207	1334.	43.	0.	754.5	32.1	1
69	0	552	37.3663	88.0495	-593.7	MCL	6.01	4.08	1.12	0.679	3.646	5.367	1300.	21.	0.	754.5	32.1	1
70	0	536	37.3663	88.0502	-594.7	MCL	6.42	3.49	0.86	0.544	4.041	7.423	1286.	48.	1.	754.5	32.1	1
71	10	516	37.3662	88.0509	-595.0	MCL	6.76	1.48	1.00	0.0	0.0	6.768	1195.	45.	0.	754.5	32.1	1
72	0	504	37.3663	88.0516	-595.0	MCL	4.07	1.63	0.69	0.399	2.354	5.900	1040.	51.	5.	754.5	32.1	1
73	10	504	37.3663	88.0524	-596.5	MCL	4.25	1.33	0.76	0.0	0.0	5.567	965.	37.	6.	754.5	32.1	1
74	10	528	37.3662	88.0531	-600.2	MCL	6.73	1.10	0.72	0.0	0.0	9.369	973.	39.	3.	755.5	32.1	1
75	0	504	37.3662	88.0538	-600.7	MCL	3.49	1.78	0.50	0.508	3.576	7.036	1036.	33.	4.	755.5	32.1	1
76	0	492	37.3662	88.0545	-601.0	MCL	4.89	2.11	0.69	0.430	3.044	7.073	1034.	32.	6.	754.5	32.1	1
77	10	516	37.3662	88.0552	-603.5	MCL	4.25	0.75	1.10	0.0	0.0	3.846	1164.	37.	7.	754.5	32.1	1
78	0	576	37.3662	88.0559	-604.7	MCL	6.71	3.46	0.85	0.515	4.089	7.936	1236.	46.	2.	753.5	32.1	1
79	10	584	37.3662	88.0566	-606.0	MCL	6.90	1.04	0.97	0.0	0.0	7.131	1174.	43.	1.	752.4	32.1	1
80	0	592	37.3662	88.0573	-605.2	MCL	6.60	1.98	0.79	0.299	2.502	8.354	1227.	41.	0.	752.4	32.1	1
81	0	576	37.3661	88.0580	-606.2	MCL	4.83	1.89	0.91	0.391	2.069	5.291	1129.	57.	1.	752.4	32.1	1
82	10	508	37.3661	88.0587	-607.7	MCL	5.69	1.17	0.83	0.0	0.0	6.862	997.	42.	3.	752.4	32.1	1
83	0	504	37.3661	88.0595	-609.2	MCL	4.00	3.17	0.59	0.793	5.393	6.805	1053.	37.	0.	753.0	32.1	1
84	0	524	37.3661	88.0602	-610.5	MCL	4.64	1.56	0.99	0.336	1.569	4.673	1108.	35.	0.	753.0	32.1	1
85	0	508	37.3661	88.0609	-612.0	MCL	3.39	1.49	1.07	0.440	1.399	3.176	1089.	46.	4.	753.0	32.1	1
86	10	504	37.3661	88.0616	-611.2	MCL	3.92	0.97	0.78	0.0	0.0	5.013	1093.	37.	8.	754.0	32.1	1
87	0	500	37.3661	88.0623	-613.7	MCL	3.34	1.38	0.91	0.414	1.518	3.664	1122.	47.	1.	755.0	32.1	1
88	10	476	37.3660	88.0631	-614.5	MCL	5.78	1.15	0.79	0.0	0.0	7.313	1045.	46.	7.	755.0	32.1	1
89	0	452	37.3661	88.0638	-615.7	MCL	6.36	1.53	0.78	0.240	1.961	8.179	1134.	43.	3.	754.0	32.1	1
90	0	436	37.3661	88.0645	-617.5	MCL	3.91	1.81	0.73	0.462	2.491	5.390	1074.	30.	5.	755.0	32.1	1
91	0	452	37.3661	88.0652	-619.5	MCL	3.62	1.51	1.00	0.418	1.507	3.606	1078.	41.	6.	754.5	32.1	1
92	10	512	37.3660	88.0659	-620.0	MCL	6.03	1.28	0.91	0.0	0.0	6.663	1163.	37.	3.	752.4	32.1	1
93	10	548	37.3660	88.0666	-620.5	MCL	4.54	-0.06	1.04	0.0	0.0	4.380	1187.	42.	7.	752.4	32.1	1
94	10	516	37.3660	88.0673	-621.7	MCL	6.32	-0.29	0.63	0.0	0.0	10.024	1039.	52.	5.	752.4	32.2	1
95	10	504	37.3660	88.0681	-622.2	MCL	6.33	0.47	0.72	0.0	0.0	8.789	966.	37.	2.	751.9	32.1	1
96	0	496	37.3660	88.0687	-622.7	MCL	6.65	1.84	0.69	0.277	2.665	9.623	1092.	44.	0.	751.9	32.1	1
97	10	496	37.3660	88.0695	-624.7	MCL	7.70	-1.41	0.90	0.0	0.0	8.527	1107.	44.	4.	752.4	32.1	1
98	10	504	37.3660	88.0702	-628.0	MCL	5.30	1.36	1.10	0.0	0.0	4.811	1153.	29.	3.	753.5	32.1	1
99	0	516	37.3659	88.0709	-628.2	MCL	4.55	1.51	0.89	0.332	1.690	5.097	1186.	43.	2.	754.5	32.1	1
100	0	524	37.3660	88.0716	-628.5	MCL	5.81	2.22	0.96	0.383	2.309	6.027	1298.	63.	3.	754.5	32.1	1
101	0	536	37.3660	88.0724	-629.5	MCL	6.93	2.62	0.87	0.379	3.020	7.976	1298.	43.	4.	754.5	32.1	1
102	0	516	37.3659	88.0731	-629.7	MCL	5.26	2.74	0.84	0.520	3.259	6.264	1358.	36.	11.	753.5	32.2	1
103	10	540	37.3659	88.0738	-631.7	MCL	10.38	1.75	0.67	0.0	0.0	15.423	1474.	37.	8.	753.0	32.2	1
104	10	536	37.3659	88.0745	-632.5	MCL	8.20	0.38	1.21	0.0	0.0	6.771	1401.	47.	7.	751.9	32.2	1
105	10	528	37.3659	88.0751	-634.0	MCL	6.43	0.39	1.09	0.0	0.0	5.878	1407.	62.	12.	750.9	32.2	1
106	10	520	37.3659	88.0759	-635.0	MCL	6.24	1.56	0.94	0.0	0.0	6.620	1361.	56.	11.	751.4	32.2	1

CP9 IP12

*	TAGS		* LOCATION			*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
107	10	512	37.3659	88.0766	-636.5		MCL	7.01	0.47	1.31	0.0	0.0	5.364	1482.	43.	7.	753.5	32.3	1
108	0	504	37.3659	88.0773	-638.0		MCL	5.80	4.73	0.92	0.815	5.148	6.313	1417.	53.	5.	753.5	32.2	1
109	0	496	37.3658	88.0780	-637.2		MCL	5.71	2.28	1.01	0.399	2.257	5.661	1384.	41.	5.	753.0	32.3	1
110	0	492	37.3658	88.0788	-638.7		MCL	7.06	1.78	1.06	0.252	1.688	6.690	1461.	41.	2.	753.5	32.3	1
111	10	496	37.3658	88.0795	-639.2		MCL	9.15	0.79	0.81	0.0	0.0	11.350	1387.	43.	1.	754.5	32.3	1
112	0	496	37.3658	88.0802	-639.2		MCL	4.36	2.27	1.01	0.520	2.242	4.307	1385.	44.	0.	753.5	32.3	1
113	0	500	37.3658	88.0809	-641.7		MCL	10.02	2.31	0.88	0.230	2.608	11.331	1494.	38.	0.	752.4	32.3	1
114	0	508	37.3658	88.0816	-643.2		MCL	5.75	1.73	1.10	0.300	1.577	5.255	1397.	48.	0.	752.4	32.3	1
115	0	516	37.3658	88.0824	-645.0		MCL	8.11	2.18	1.14	0.269	1.909	7.102	1500.	37.	0.	752.4	32.3	1
116	0	508	37.3658	88.0831	-644.2		MCL	5.43	4.52	1.01	0.831	4.479	5.389	1505.	45.	0.	751.4	32.4	1
117	0	492	37.3657	88.0838	-646.5		MCL	6.95	3.67	0.80	0.528	4.567	8.643	1464.	38.	4.	751.4	32.3	1
118	10	480	37.3658	88.0844	-648.5		MCL	7.56	1.17	1.14	0.0	0.0	6.623	1536.	34.	6.	751.4	32.3	1
119	10	476	37.3657	88.0852	-647.2		MCL	6.28	1.21	1.04	0.0	0.0	6.064	1399.	45.	11.	752.4	32.3	1
120	0	484	37.3657	88.0858	-648.5		MCL	7.86	1.75	0.94	0.223	1.857	8.325	1445.	42.	10.	753.5	32.3	1
121	10	492	37.3657	88.0866	-649.2		MCL	7.85	0.88	1.26	0.0	0.0	6.233	1583.	43.	12.	753.5	32.3	1
122	0	488	37.3657	88.0873	-649.2		MCL	5.23	2.67	1.05	0.511	2.537	4.964	1524.	42.	9.	753.5	32.4	1
123	0	480	37.3657	88.0880	-651.5		MCL	7.21	1.97	0.82	0.273	2.414	8.833	1391.	39.	9.	754.0	32.4	1
124	10	492	37.3657	88.0887	-652.7		MCL	7.66	0.97	1.01	0.0	0.0	7.601	1432.	35.	10.	754.0	32.4	1
125	0	476	37.3657	88.0895	-652.5		MCL	7.17	2.37	1.10	0.331	2.168	6.545	1362.	38.	3.	754.0	32.4	1
126	0	504	37.3656	88.0902	-654.7		MCL	6.13	2.09	0.74	0.340	2.803	8.243	1376.	48.	6.	754.5	32.4	1
127	0	496	37.3656	88.0909	-654.5		MCL	8.24	1.78	1.16	0.216	1.535	7.115	1502.	33.	8.	754.5	32.4	1
128	0	488	37.3656	88.0916	-656.0		MCL	5.83	1.75	1.06	0.300	1.654	5.512	1442.	28.	4.	754.5	32.4	1
129	0	492	37.3656	88.0923	-656.5		MCL	6.64	4.72	0.76	0.710	6.197	8.723	1416.	56.	2.	754.5	32.4	1
130	0	488	37.3656	88.0931	-657.0		MCL	3.87	3.20	1.25	0.827	2.550	3.085	1386.	45.	2.	754.5	32.4	1
131	10	484	37.3656	88.0937	-658.7		MCL	6.34	1.31	1.09	0.0	0.0	5.819	1443.	42.	0.	753.5	32.4	1
132	10	484	37.3656	88.0944	-659.7		MCL	8.15	0.47	1.28	0.0	0.0	6.365	1457.	44.	0.	753.5	32.4	1
133	0	484	37.3656	88.0952	-661.7		MCL	6.60	1.65	1.13	0.250	1.461	5.837	1442.	51.	0.	752.4	32.4	1
134	0	480	37.3656	88.0959	-663.0		MCL	6.21	1.52	1.07	0.244	1.424	5.826	1384.	45.	0.	752.4	32.3	1
135	0	484	37.3656	88.0966	-663.0		MCL	5.38	3.67	1.12	0.683	3.275	4.797	1466.	41.	0.	752.4	32.4	1
136	0	484	37.3656	88.0973	-664.2		MCL	7.54	2.68	1.19	0.355	2.256	6.348	1525.	42.	0.	751.4	32.4	1
137	0	472	37.3655	88.0981	-665.2		MCL	6.60	3.60	1.03	0.544	3.495	6.420	1465.	37.	0.	752.4	32.4	1
138	0	464	37.3655	88.0987	-664.7		MCL	7.20	3.98	0.97	0.552	4.105	7.438	1506.	48.	0.	752.4	32.4	1
139	0	460	37.3655	88.0995	-666.0		MCL	6.68	2.09	1.05	0.312	1.994	6.389	1429.	46.	3.	752.4	32.4	1
140	0	440	37.3655	88.1002	-667.0		MCL	7.04	2.22	1.10	0.315	2.022	6.413	1410.	41.	0.	753.5	32.4	1
141	0	468	37.3655	88.1009	-667.0		MCL	8.43	3.19	1.00	0.379	3.186	8.410	1428.	41.	1.	753.5	32.3	1
142	0	476	37.3655	88.1016	-667.5		MCL	7.71	3.03	1.06	0.393	2.865	7.294	1553.	45.	0.	753.5	32.3	1
143	0	476	37.3655	88.1024	-668.2		MCL	6.59	2.77	1.27	0.421	2.187	5.194	1438.	45.	0.	754.5	32.3	1
144	0	472	37.3654	88.1030	-669.7		MCL	6.36	3.34	0.82	0.525	4.073	7.760	1496.	43.	1.	754.5	32.3	1
145	0	476	37.3654	88.1037	-670.2		MCL	5.30	4.31	0.74	0.814	5.831	7.159	1428.	38.	0.	753.5	32.3	1
146	0	436	37.3654	88.1044	-671.7		MCL	6.25	2.97	0.64	0.476	4.622	9.719	1263.	45.	0.	754.5	32.3	1
147	10	416	37.3654	88.1051	-671.2		MCL	5.19	0.65	1.01	0.0	0.0	5.128	1220.	37.	2.	754.5	32.3	1
148	0	436	37.3654	88.1059	-671.7		MCL	4.76	1.77	0.89	0.373	1.998	5.360	1297.	43.	0.	754.5	32.3	1
149	0	464	37.3654	88.1066	-674.0		MCL	6.40	3.65	0.90	0.570	4.074	7.141	1277.	35.	0.	754.5	32.3	1
150	0	440	37.3654	88.1073	-675.2		MCL	7.08	1.79	1.00	0.253	1.791	7.070	1206.	54.	0.	754.5	32.3	1
151	0	416	37.3654	88.1080	-675.5		MCL	6.32	2.18	0.52	0.345	4.217	12.207	1072.	47.	0.	754.5	32.3	1
152	10	448	37.3654	88.1087	-676.0		MCL	5.44	0.80	0.78	0.0	0.0	6.976	1053.	39.	0.	754.5	32.3	1
153	10	516	37.3654	88.1095	-677.5		MCL	6.31	1.31	0.94	0.0	0.0	6.727	1147.	42.	1.	754.5	32.3	1
154	10	556	37.3653	88.1102	-678.5		MCL	6.12	1.18	0.72	0.0	0.0	8.474	1213.	52.	5.	753.5	32.3	1
155	0	576	37.3653	88.1109	-678.5		MCL	6.66	2.10	1.19	0.316	1.775	5.621	1299.	45.	2.	752.4	32.2	1
156	10	588	37.3653	88.1116	-678.7		MCL	5.88	1.40	1.13	0.0	0.0	5.217	1319.	52.	4.	752.4	32.2	1
157	0	592	37.3653	88.1122	-678.5		MCL	7.17	2.77	1.19	0.387	2.327	6.017	1441.	38.	4.	752.4	32.2	1
158	10	596	37.3653	88.1131	-679.5		MCL	9.02	1.54	0.90	0.0	0.0	10.074	1401.	34.	2.	752.4	32.2	1
159	10	588	37.3654	88.1138	-680.5		MCL	6.94	1.50	1.03	0.0	0.0	6.722	1383.	41.	3.	753.5	32.2	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
160	10	588	37.3655	88.1145	-681.2	MCL	8.77	-0.04	1.00	0.0	0.0	8.796	1345.	38.	0.	754.5	32.2	1
161	0	580	37.3655	88.1152	-682.5	MCL	6.20	2.19	0.85	0.353	2.587	7.325	1238.	43.	0.	754.5	32.2	1
162	0	560	37.3655	88.1159	-683.0	MCL	4.44	2.21	0.69	0.497	3.181	6.399	1137.	40.	0.	754.5	32.2	1
163	10	508	37.3656	88.1166	-682.2	MCL	3.53	1.07	0.79	0.0	0.0	4.448	980	43.	0.	755.0	32.2	1
164	0	480	37.3656	88.1174	-684.2	MCL	4.93	1.85	0.58	0.375	3.167	8.440	939.	42.	0.	755.0	32.3	1
165	10	424	37.3657	88.1181	-685.7	MCL	2.65	0.52	0.66	0.0	0.0	4.038	888.	36.	0.	754.5	32.3	1
166	0	380	37.3657	88.1188	-684.2	MCL	4.77	1.82	0.58	0.381	3.108	8.153	877.	38.	0.	754.5	32.3	1
167	10	364	37.3657	88.1196	-685.2	MCL	4.63	0.85	0.94	0.0	0.0	4.922	932.	28.	0.	753.5	32.3	1
168	0	360	37.3658	88.1203	-688.0	MCL	3.54	2.38	0.68	0.672	3.496	5.206	957.	50.	0.	752.4	32.3	1
169	0	372	37.3659	88.1210	-689.0	MCL	3.45	2.18	0.57	0.631	3.839	6.088	1030.	39.	0.	752.4	32.3	1
170	0	372	37.3659	88.1218	-689.5	MCL	4.92	1.90	0.87	0.387	2.196	5.680	1222.	42.	0.	752.4	32.3	1
171	0	336	37.3659	88.1225	-690.0	MCL	5.25	2.09	0.80	0.397	2.594	6.525	1280.	34.	0.	752.4	32.3	1
172	0	340	37.3660	88.1232	-690.0	MCL	6.83	2.09	0.88	0.306	2.379	7.779	1362.	27.	0.	753.5	32.2	1
173	0	348	37.3660	88.1239	-689.5	MCL	6.73	2.70	1.27	0.401	2.122	5.286	1512.	29.	0.	753.5	32.2	1
174	0	356	37.3660	88.1246	-691.2	MCL	6.92	2.19	1.42	0.316	1.544	4.888	1529.	55.	0.	754.5	32.2	1
175	0	368	37.3661	88.1254	-693.2	MCL	7.37	2.08	1.09	0.282	1.914	6.788	1491.	39.	0.	754.5	32.2	1
176	0	380	37.3661	88.1261	-695.0	MCL	6.88	1.45	1.02	0.211	1.416	6.720	1416.	38.	3.	753.5	32.2	1
177	10	368	37.3662	88.1268	-694.7	MCL	6.47	0.78	0.84	0.0	0.0	7.718	1207.	46.	4.	752.4	32.2	1
178	10	376	37.3662	88.1275	-695.0	MCL	4.92	1.04	0.82	0.0	0.0	5.995	1137.	45.	4.	752.4	32.2	1
179	0	408	37.3662	88.1283	-696.0	MCL	7.70	2.48	0.84	0.322	2.934	9.110	1242.	44.	0.	751.4	32.2	1
180	0	464	37.3663	88.1290	-697.5	MCL	5.07	2.30	0.89	0.453	2.590	5.712	1316.	42.	3.	752.4	32.3	1
181	10	500	37.3664	88.1297	-699.0	MCL	7.29	1.56	1.13	0.0	0.0	6.473	1440.	55.	5.	753.5	32.3	1
182	10	516	37.3664	88.1304	-698.5	MCL	9.16	-0.17	1.22	0.0	0.0	7.493	1499.	34.	9.	754.5	32.3	1
183	10	524	37.3664	88.1312	-697.2	MCL	6.72	1.07	1.03	0.0	0.0	6.539	1374.	43.	9.	755.0	32.3	1
184	0	524	37.3665	88.1319	-697.7	MCL	4.49	2.35	0.49	0.523	4.751	9.084	1205.	43.	8.	754.0	32.3	1
185	10	488	37.3666	88.1326	-700.5	MCL	5.69	0.24	0.78	0.0	0.0	7.270	1132.	35.	11.	753.0	32.3	1
186	10	480	37.3666	88.1333	-699.7	MCL	5.24	0.69	0.81	0.0	0.0	6.506	1015.	43.	7.	753.0	32.3	1
187	10	500	37.3666	88.1341	-698.0	MCL	4.44	0.30	0.98	0.0	0.0	4.526	1137.	30.	7.	752.4	32.3	1
188	0	540	37.3667	88.1348	-701.2	MCL	6.43	1.95	0.95	0.303	2.054	6.774	1184.	38.	1.	752.4	32.3	1
189	0	548	37.3667	88.1355	-701.5	MCL	6.95	2.32	0.47	0.334	4.948	14.826	1104.	40.	4.	753.5	32.3	1
190	0	568	37.3667	88.1362	-700.7	MCL	3.15	2.97	0.78	0.943	3.824	4.054	1134.	37.	3.	754.5	32.3	1
191	10	592	37.3668	88.1370	-704.0	MCL	6.08	1.60	1.05	0.0	0.0	5.814	1246.	39.	5.	755.5	32.3	1
192	0	604	37.3668	88.1377	-704.2	MCL	8.03	2.81	0.84	0.350	3.354	9.578	1345.	36.	1.	755.5	32.3	1
193	10	592	37.3669	88.1384	-703.2	MCL	7.46	0.96	1.24	0.0	0.0	6.023	1329.	48.	4.	754.5	32.3	1
194	10	568	37.3670	88.1391	-704.5	MCL	9.79	-0.02	1.23	0.0	0.0	7.973	1355.	42.	2.	752.4	32.3	1
195	10	536	37.3670	88.1398	-705.0	MCL	7.64	1.70	1.09	0.0	0.0	6.978	1279.	52.	4.	752.4	32.3	1
196	10	512	37.3670	88.1407	-705.0	MCL	5.57	0.28	1.01	0.0	0.0	5.517	1198.	51.	8.	752.4	32.4	1
197	10	524	37.3671	88.1414	-707.0	MCL	6.59	0.80	1.29	0.0	0.0	5.103	1256.	40.	7.	753.5	32.4	1
198	10	524	37.3671	88.1421	-708.2	MCL	7.69	0.18	0.93	0.0	0.0	8.292	1286.	49.	6.	755.5	32.5	1
199	0	504	37.3672	88.1428	-709.7	MCL	5.18	2.19	1.07	0.423	2.053	4.856	1278.	32.	3.	755.5	32.5	1
200	0	496	37.3672	88.1435	-709.0	MCL	5.98	2.60	0.95	0.434	2.722	6.267	1179.	56.	3.	755.5	32.6	1
201	100	500	37.3672	88.1442	-709.0	QAL	0.84	3.23	0.89	0.0	3.618	0.0	1163.	54.	6.	755.5	32.6	1
202	0	516	37.3673	88.1450	-710.5	QAL	5.80	2.01	1.03	0.346	1.953	5.642	1214.	46.	4.	754.5	32.7	1
203	0	500	37.3673	88.1457	-710.2	QAL	5.23	1.67	0.89	0.319	1.867	5.853	1148.	44.	2.	754.0	32.6	1
204	10	508	37.3674	88.1464	-712.0	QAL	7.11	1.07	0.71	0.0	0.0	10.055	1105.	47.	2.	754.5	32.6	1
205	10	524	37.3674	88.1471	-712.5	QAL	5.27	0.30	1.23	0.0	0.0	4.287	1160.	41.	4.	755.5	32.7	1
206	0	572	37.3675	88.1479	-713.2	QAL	5.75	2.11	0.64	0.367	3.297	8.975	1298.	36.	3.	756.1	32.7	1
207	10	592	37.3675	88.1486	-713.2	QAL	4.72	1.59	1.18	0.0	0.0	4.011	1323.	44.	7.	757.1	32.7	1
208	10	588	37.3675	88.1494	-712.5	QAL	6.24	0.22	0.79	0.0	0.0	7.875	1330.	42.	6.	756.1	32.7	1
209	0	592	37.3676	88.1501	-713.2	MCU	3.33	3.18	1.16	0.953	2.740	2.874	1403.	29.	4.	754.5	32.6	1
210	0	596	37.3677	88.1508	-716.5	MCU	8.86	2.20	0.72	0.248	3.061	12.342	1285.	43.	6.	755.0	32.5	1
211	0	596	37.3677	88.1515	-715.2	MCU	7.21	2.30	0.81	0.318	2.849	8.946	1214.	42.	0.	755.5	32.5	1
212	0	592	37.3677	88.1522	-716.7	MCU	6.76	1.81	1.13	0.267	1.604	5.997	1202.	42.	1.	755.5	32.5	1

CPY IP 12
CPY IP 12

ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
	TAGS		LOCATION				REDUCED DATA											
213	10	596	37.3678	88.1530	-718.7	MCU	4.70	0.92	1.16	0.0	0.0	4.062	1191.	48.	5.	756.6	32.4	1
214	0	556	37.3678	88.1537	-718.0	MCU	4.73	3.94	0.63	0.833	6.258	7.514	1087.	36.	0.	757.6	32.4	1
215	0	532	37.3679	88.1544	-718.7	MCU	2.25	3.04	0.61	1.354	4.994	3.689	969.	43.	3.	757.1	32.4	1
216	0	512	37.3679	88.1551	-721.5	MCU	5.75	2.80	0.53	0.488	5.310	10.887	988.	32.	0.	755.5	32.4	1
217	10	496	37.3679	88.1559	-721.7	MCU	2.62	1.22	0.61	0.0	0.0	4.274	953.	40.	7.	754.5	32.4	1
218	0	492	37.3680	88.1566	-722.5	PPTC	5.09	2.35	0.72	0.463	3.293	7.112	1028.	38.	0.	754.5	32.4	1
219	0	432	37.3680	88.1573	-723.7	PPTC	5.73	1.43	0.57	0.249	2.517	10.118	993.	42.	4.	754.5	32.4	1
220	0	400	37.3681	88.1581	-722.2	PPTC	4.62	2.87	0.72	0.622	3.961	6.370	988.	30.	3.	755.5	32.4	1
221	0	356	37.3681	88.1587	-724.7	PPTC	4.36	1.82	0.55	0.417	3.312	7.937	1015.	41.	3.	756.6	32.4	1
222	0	340	37.3682	88.1595	-725.7	PPTC	4.87	2.30	0.61	0.473	3.767	7.970	998.	50.	0.	756.6	32.4	1
223	0	324	37.3682	88.1602	-725.5	PPTC	4.89	2.30	0.88	0.470	2.606	5.540	1179.	34.	0.	755.5	32.4	1
224	0	316	37.3682	88.1609	-728.0	PPTC	5.01	1.52	0.96	0.304	1.593	5.236	1194.	43.	1.	754.5	32.5	1
225	0	340	37.3683	88.1617	-728.5	PPTC	5.92	2.98	0.76	0.504	3.915	7.771	1346.	46.	0.	754.5	32.5	1
226	10	356	37.3683	88.1624	-730.0	PPTC	8.27	1.17	0.80	0.0	0.0	10.382	1403.	42.	0.	753.5	32.5	1
227	0	344	37.3684	88.1631	-730.5	PPTC	5.52	2.61	0.94	0.473	2.777	5.872	1316.	44.	1.	753.5	32.5	1
228	0	352	37.3684	88.1639	-731.2	PPTC	4.83	2.01	1.02	0.416	1.965	4.725	1282.	52.	2.	755.0	32.6	1
229	0	356	37.3685	88.1646	-732.7	PPTC	5.44	2.01	0.94	0.369	2.140	5.802	1320.	41.	3.	755.5	32.6	1
230	0	388	37.3685	88.1653	-732.2	PPTC	7.24	1.74	0.97	0.241	1.790	7.434	1381.	39.	2.	756.6	32.6	1
231	0	388	37.3686	88.1660	-733.7	PPTC	7.01	3.27	0.81	0.467	4.019	8.607	1351.	50.	1.	756.6	32.6	1
232	0	408	37.3686	88.1667	-734.2	MCU	7.35	1.80	1.28	0.245	1.407	5.753	1410.	52.	1.	754.5	32.6	1
233	0	432	37.3687	88.1674	-734.7	MCU	9.64	2.68	1.21	0.278	2.215	7.960	1506.	51.	1.	754.0	32.6	1
234	0	416	37.3687	88.1682	-735.0	MCU	9.43	2.14	1.10	0.227	1.952	8.609	1442.	39.	1.	755.0	32.6	1
235	0	416	37.3688	88.1690	-737.5	MCU	7.25	2.48	1.04	0.342	2.378	6.948	1444.	37.	3.	754.0	32.6	1
236	0	428	37.3688	88.1697	-738.7	MCU	6.69	3.02	0.97	0.452	3.132	6.925	1418.	42.	0.	754.5	32.6	1
237	0	444	37.3688	88.1704	-737.0	MCU	5.48	2.11	1.15	0.386	1.840	4.773	1382.	33.	2.	756.6	32.6	1
238	0	464	37.3689	88.1711	-738.0	MCU	7.09	2.37	1.40	0.334	1.696	5.077	1375.	51.	1.	755.5	32.7	1
239	0	476	37.3689	88.1719	-738.0	MCU	6.45	3.69	0.44	0.572	8.455	14.785	1296.	46.	2.	754.5	32.7	1
240	10	476	37.3690	88.1726	-735.7	MCU	6.20	1.19	0.81	0.0	0.0	7.681	1209.	36.	4.	754.5	32.7	1
241	10	500	37.3690	88.1733	-737.5	MCU	5.24	1.04	0.84	0.0	0.0	6.240	1134.	37.	9.	754.5	32.7	1
242	0	508	37.3690	88.1740	-739.7	MM	5.14	2.87	0.75	0.558	3.814	6.833	1233.	44.	6.	754.5	32.7	1
243	0	468	37.3691	88.1747	-739.5	MM	6.53	2.73	0.48	0.419	5.736	13.697	1059.	45.	6.	755.5	32.7	1
244	10	444	37.3692	88.1754	-741.2	MM	6.48	-0.55	0.90	0.0	0.0	7.172	1082.	39.	9.	755.5	32.7	1
245	10	456	37.3692	88.1762	-743.5	MM	5.62	0.18	0.73	0.0	0.0	7.656	1088.	46.	7.	756.6	32.7	1
246	0	452	37.3692	88.1769	-743.2	MM	5.66	1.73	0.62	0.305	2.777	9.098	1180.	45.	9.	756.1	32.7	1
247	10	464	37.3693	88.1777	-744.2	MM	5.87	1.29	0.70	0.0	0.0	8.436	1139.	43.	7.	754.0	32.7	1
248	0	456	37.3693	88.1784	-747.5	MM	4.43	1.99	0.88	0.449	2.259	5.030	1102.	38.	7.	754.0	32.7	1
249	10	444	37.3694	88.1791	-749.7	MM	7.02	1.23	0.69	0.0	0.0	10.120	1281.	32.	7.	755.0	32.6	1
250	0	444	37.3694	88.1798	-748.2	MM	5.77	3.15	0.86	0.546	3.672	6.724	1286.	41.	5.	755.5	32.7	1
251	0	484	37.3695	88.1805	-751.0	MM	6.47	1.86	0.98	0.287	1.905	6.629	1426.	47.	8.	756.1	32.6	1
252	10	516	37.3695	88.1812	-753.2	MM	7.65	0.14	1.21	0.0	0.0	6.333	1413.	33.	6.	755.0	32.6	1
253	0	492	37.3695	88.1820	-753.2	MM	6.11	2.61	1.08	0.427	2.418	5.666	1439.	34.	7.	754.0	32.6	1
254	0	500	37.3696	88.1827	-752.7	MM	5.05	1.54	0.89	0.305	1.731	5.668	1421.	36.	7.	754.0	32.6	1
255	10	508	37.3696	88.1835	-752.5	MM	7.26	1.26	1.01	0.0	0.0	7.178	1443.	53.	12.	754.5	32.6	1
256	10	512	37.3697	88.1842	-754.0	MM	5.57	1.07	1.32	0.0	0.0	4.224	1546.	43.	9.	755.5	32.5	1
257	0	492	37.3697	88.1849	-757.0	MM	6.75	3.42	1.08	0.507	3.172	6.260	1588.	43.	3.	756.1	32.5	1
258	10	484	37.3697	88.1856	-757.7	MM	7.01	1.03	1.22	0.0	0.0	5.726	1451.	49.	5.	756.1	32.5	1
259	0	496	37.3698	88.1863	-758.0	MM	6.78	3.60	1.18	0.531	3.042	5.723	1411.	48.	5.	755.0	32.5	1
260	0	512	37.3699	88.1870	-760.0	MM	6.84	2.42	1.38	0.354	1.752	4.956	1498.	50.	5.	753.0	32.6	1
261	0	524	37.3699	88.1878	-762.0	MM	6.66	3.69	0.87	0.554	4.237	7.642	1431.	46.	1.	753.5	32.6	1
262	10	524	37.3699	88.1885	-763.0	MM	6.75	1.40	1.07	0.0	0.0	6.285	1417.	44.	1.	755.5	32.6	1
263	0	532	37.3700	88.1892	-764.2	MM	6.34	1.96	1.24	0.310	1.587	5.127	1461.	34.	1.	756.1	32.6	1
264	0	540	37.3700	88.1900	-766.0	MM	5.84	2.38	1.05	0.408	2.268	5.561	1387.	41.	4.	756.1	32.6	1
265	0	544	37.3700	88.1907	-768.0	MM	5.28	3.29	1.11	0.623	2.957	4.748	1439.	34.	1.	755.0	32.6	1

CP9 1P 12

* TAGS *			* LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
266	0	500	37.3701	88.1915	-770.5	MM	5.02	2.16	0.86	0.430	2.522	5.867	1251.	59.	0.	754.0	32.6	1
267	0	492	37.3701	88.1922	-771.0	MM	5.72	2.33	0.84	0.408	2.791	6.837	1176.	40.	0.	753.5	32.6	1
268	0	480	37.3702	88.1929	-773.0	MM	5.95	1.72	0.98	0.289	1.760	6.090	1166.	48.	0.	754.5	32.6	1
269	0	484	37.3702	88.1936	-774.5	MM	4.58	1.57	0.70	0.342	2.230	6.523	1131.	32.	0.	755.5	32.5	1
270	0	508	37.3702	88.1943	-773.5	MM	3.67	2.26	1.10	0.616	2.050	3.329	1215.	42.	0.	756.6	32.6	1
271	0	544	37.3703	88.1950	-773.5	MM	5.53	3.05	0.57	0.551	5.372	9.750	1207.	33.	0.	756.6	32.5	1
272	0	532	37.3704	88.1957	-772.7	MM	5.03	1.80	1.01	0.357	1.782	4.985	1228.	43.	0.	755.5	32.6	1
273	0	520	37.3704	88.1965	-767.0	MM	7.14	2.10	1.25	0.294	1.679	5.710	1349.	39.	0.	754.5	32.6	1
274	0	508	37.3704	88.1972	-763.0	MM	2.87	3.65	0.83	1.272	4.405	3.462	1214.	37.	0.	754.0	32.6	1
275	0	512	37.3704	88.1979	-762.2	MM	6.40	1.87	0.75	0.292	2.505	8.570	1196.	50.	0.	755.0	32.5	1
276	10	524	37.3704	88.1986	-759.7	MM	6.27	-0.12	0.92	0.0	0.0	6.815	1283.	46.	5.	756.6	32.6	1
277	0	532	37.3704	88.1993	-753.7	MM	5.74	3.51	0.88	0.612	4.007	6.550	1241.	51.	3.	756.6	32.5	1
278	10	536	37.3704	88.2000	-751.0	MM	6.89	0.69	1.22	0.0	0.0	5.632	1319.	55.	10.	755.5	32.5	1
279	0	560	37.3704	88.2007	-748.2	MM	8.85	1.97	1.10	0.223	1.796	8.054	1385.	47.	3.	754.5	32.5	1
280	0	556	37.3704	88.2014	-745.7	MM	7.95	2.51	1.12	0.315	2.232	7.078	1503.	43.	3.	754.5	32.5	1
281	0	544	37.3704	88.2021	-745.7	MM	6.26	3.93	1.10	0.628	3.560	5.671	1482.	36.	3.	754.5	32.5	1
282	0	532	37.3704	88.2028	-745.2	MM	5.70	1.69	1.49	0.297	1.133	3.817	1531.	39.	3.	755.5	32.6	1
283	10	516	37.3704	88.2036	-744.7	MM	10.41	1.50	1.24	0.0	0.0	8.425	1457.	45.	0.	756.6	32.6	1
284	0	512	37.3704	88.2043	-744.5	MM	9.58	2.80	1.24	0.292	2.253	7.716	1597.	30.	0.	756.6	32.6	1
285	0	504	37.3704	88.2049	-746.2	MM	6.07	4.05	0.98	0.668	4.144	6.201	1472.	47.	0.	755.5	32.6	1
286	0	484	37.3704	88.2056	-746.0	MM	5.95	1.69	1.16	0.284	1.450	5.112	1408.	44.	0.	754.5	32.5	1
287	0	480	37.3704	88.2063	-746.0	MM	6.11	3.00	1.22	0.491	2.471	5.030	1380.	34.	0.	754.5	32.6	1
288	0	456	37.3704	88.2070	-748.2	MM	5.15	3.55	1.02	0.691	3.490	5.052	1443.	34.	0.	755.5	32.6	1
289	0	444	37.3704	88.2077	-749.0	MM	8.07	1.47	1.01	0.182	1.457	8.003	1233.	33.	0.	756.6	32.5	1
290	0	456	37.3704	88.2084	-750.5	MM	7.46	2.17	0.84	0.291	2.586	8.879	1268.	39.	0.	756.1	32.5	1
291	0	472	37.3705	88.2091	-753.2	MM	5.47	3.16	0.85	0.578	3.705	6.414	1321.	32.	2.	755.0	32.5	1
292	0	480	37.3705	88.2098	-753.0	MM	8.17	2.56	1.07	0.314	2.390	7.612	1457.	33.	0.	754.0	32.6	1
293	0	472	37.3704	88.2105	-751.5	MM	7.43	1.85	0.86	0.249	2.151	8.621	1349.	42.	2.	754.0	32.6	1
294	0	456	37.3704	88.2112	-756.0	MM	6.75	4.95	0.67	0.733	7.367	10.056	1397.	38.	1.	755.0	32.6	1
295	0	448	37.3704	88.2120	-759.0	MM	6.05	1.87	1.30	0.308	1.435	4.659	1369.	34.	5.	756.6	32.6	1
296	0	448	37.3704	88.2127	-760.5	MM	6.83	3.08	0.77	0.451	3.977	8.826	1347.	47.	4.	756.6	32.6	1
297	0	440	37.3704	88.2133	-764.0	MM	4.85	4.62	0.69	0.954	6.679	7.000	1355.	43.	4.	754.5	32.6	1
298	0	412	37.3704	88.2141	-764.2	MM	6.83	2.44	0.88	0.357	2.770	7.754	1298.	49.	0.	753.5	32.6	1
299	0	412	37.3704	88.2148	-766.2	MM	5.83	3.04	0.99	0.522	3.088	5.920	1305.	43.	1.	754.5	32.6	1
300	10	416	37.3704	88.2155	-769.2	MM	7.92	0.97	1.18	0.0	0.0	6.724	1329.	46.	0.	756.1	32.6	1
301	0	428	37.3704	88.2161	-770.5	MM	7.86	1.70	0.92	0.216	1.844	8.527	1354.	34.	4.	756.1	32.6	1
302	0	484	37.3704	88.2168	-771.5	MM	6.29	3.27	0.83	0.519	3.921	7.553	1462.	40.	4.	755.0	32.6	1
303	0	500	37.3704	88.2175	-772.0	MM	5.75	4.14	1.27	0.721	3.268	4.536	1628.	38.	4.	754.0	32.6	1
304	0	492	37.3705	88.2182	-772.0	MM	9.10	2.87	1.37	0.315	2.091	6.629	1638.	38.	0.	754.5	32.6	1
305	0	468	37.3705	88.2189	-771.2	MM	8.15	3.50	0.99	0.430	3.529	8.204	1507.	40.	1.	755.5	32.6	1
306	0	460	37.3705	88.2196	-773.7	MM	8.20	1.72	1.35	0.209	1.274	6.089	1495.	39.	1.	755.5	32.6	1
307	0	464	37.3705	88.2204	-773.0	MM	7.07	2.19	1.04	0.309	2.106	6.816	1470.	54.	1.	755.5	32.6	1
308	0	468	37.3705	88.2211	-770.7	MM	9.26	3.94	1.01	0.426	3.888	9.128	1569.	44.	0.	754.5	32.6	1
309	0	460	37.3705	88.2217	-772.2	MM	6.68	3.07	0.94	0.460	3.259	7.087	1498.	44.	2.	754.5	32.6	1
310	10	464	37.3705	88.2225	-774.7	MM	8.38	1.17	1.28	0.0	0.0	6.536	1527.	42.	8.	756.1	32.5	1
311	0	472	37.3705	88.2232	-774.7	MM	8.96	1.82	1.22	0.203	1.498	7.375	1566.	33.	3.	757.1	32.5	1
312	10	460	37.3704	88.2239	-776.7	MM	9.53	0.89	1.03	0.0	0.0	9.267	1576.	38.	4.	756.1	32.5	1
313	0	448	37.3704	88.2245	-776.2	MM	6.58	1.77	0.95	0.269	1.863	6.918	1472.	39.	8.	755.0	32.4	1
314	0	448	37.3704	88.2252	-774.2	MM	7.23	1.73	1.18	0.239	1.472	6.149	1465.	46.	8.	754.5	32.5	1
315	10	460	37.3704	88.2260	-776.0	MM	9.02	1.06	1.14	0.0	0.0	7.923	1411.	37.	8.	754.5	32.4	1
316	10	472	37.3705	88.2267	-778.0	MM	9.38	0.61	1.44	0.0	0.0	6.528	1588.	55.	8.	755.5	32.5	1
317	0	472	37.3705	88.2273	-778.5	MM	9.36	2.23	1.04	0.238	2.152	9.041	1599.	51.	3.	756.6	32.5	1
318	0	464	37.3705	88.2280	-779.2	MM	8.75	3.51	1.09	0.401	3.213	8.004	1608.	35.	0.	755.5	32.5	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
319	0	468	37.3705	88.2288	-780.5	MM	7.66	2.81	1.30	0.367	2.155	5.879	1605.	34.	0.	754.5	32.5	1
320	0	476	37.3705	88.2295	-780.2	MM	9.12	3.46	1.06	0.379	3.247	8.572	1588.	45.	0.	754.5	32.5	1
321	0	488	37.3705	88.2302	-782.2	MM	7.35	2.74	1.35	0.373	2.028	5.435	1609.	46.	0.	755.5	32.5	1
322	0	484	37.3705	88.2309	-785.0	MM	8.93	2.39	1.29	0.268	1.855	6.921	1536.	40.	0.	756.6	32.6	1
323	0	476	37.3705	88.2316	-781.2	MM	8.24	4.10	1.36	0.498	3.022	6.069	1701.	41.	0.	756.6	32.6	1
324	0	472	37.3705	88.2323	-780.2	MM	7.79	3.68	1.12	0.472	3.270	6.930	1516.	36.	0.	755.5	32.7	1
325	0	472	37.3705	88.2329	-783.0	MM	7.83	1.96	1.15	0.250	1.706	6.820	1440.	46.	0.	754.5	32.6	1
326	0	472	37.3705	88.2337	-782.7	MM	9.54	3.23	1.10	0.339	2.944	8.690	1458.	45.	0.	754.5	32.6	1
327	0	480	37.3705	88.2344	-781.5	MM	9.39	1.65	1.03	0.175	1.595	9.099	1576.	30.	0.	755.5	32.7	1
328	0	484	37.3705	88.2351	-782.5	MM	7.80	3.63	0.97	0.466	3.758	8.064	1483.	53.	0.	756.6	32.7	1
329	10	496	37.3705	88.2357	-781.2	MM	6.03	1.20	1.43	0.0	0.0	4.217	1513.	48.	3.	757.6	32.7	1
330	0	496	37.3705	88.2364	-782.0	MM	7.49	3.75	0.99	0.501	3.800	7.579	1475.	42.	0.	755.5	32.7	1
331	0	496	37.3705	88.2372	-783.2	MM	7.83	2.27	1.26	0.290	1.799	6.200	1548.	37.	3.	754.5	32.6	1
332	0	492	37.3705	88.2379	-782.5	MM	5.07	2.62	1.32	0.516	1.981	3.837	1461.	40.	0.	754.5	32.7	1
333	10	484	37.3705	88.2386	-782.0	MM	9.32	1.32	1.27	0.0	0.0	7.330	1481.	40.	0.	755.5	32.7	1
334	0	472	37.3705	88.2393	-783.2	MM	6.04	4.25	1.09	0.704	3.892	5.525	1484.	40.	0.	756.6	32.7	1
335	0	460	37.3705	88.2400	-784.0	MM	6.79	2.51	1.16	0.369	2.153	5.829	1446.	56.	0.	757.6	32.7	1
336	0	456	37.3705	88.2407	-782.0	MM	9.10	2.19	0.87	0.241	2.528	10.500	1449.	44.	0.	756.6	32.7	1
337	0	464	37.3705	88.2414	-783.7	MM	7.22	1.54	1.29	0.213	1.189	5.576	1429.	35.	0.	755.5	32.7	1
338	0	464	37.3705	88.2421	-785.2	MM	6.07	3.27	1.09	0.539	3.014	5.591	1501.	38.	0.	755.0	32.7	1
339	0	460	37.3705	88.2428	-786.5	MM	6.65	2.80	1.32	0.421	2.116	5.030	1509.	33.	0.	756.1	32.7	1
340	0	452	37.3705	88.2435	-786.2	MM	7.70	1.60	1.14	0.208	1.406	6.749	1462.	49.	2.	757.1	32.7	1
341	0	448	37.3705	88.2442	-787.7	MM	6.59	2.55	1.31	0.387	1.950	5.041	1529.	38.	2.	758.1	32.7	1
342	0	452	37.3705	88.2449	-787.2	MM	7.95	2.65	0.91	0.334	2.929	8.779	1519.	32.	3.	758.7	32.7	1
343	10	456	37.3705	88.2456	-786.7	MM	7.79	1.01	1.07	0.0	0.0	7.282	1464.	36.	5.	757.6	32.6	1
344	0	456	37.3705	88.2463	-786.5	MM	7.17	3.20	0.96	0.447	3.333	7.462	1416.	41.	2.	756.1	32.6	1
345	0	432	37.3705	88.2470	-788.0	MM	6.63	3.81	0.78	0.575	4.890	8.498	1330.	36.	1.	755.0	32.5	1
346	0	424	37.3705	88.2477	-786.2	MM	5.94	2.14	0.72	0.359	2.961	8.238	1221.	41.	3.	755.5	32.5	1
347	10	424	37.3705	88.2484	-786.2	MM	5.44	0.55	0.99	0.0	0.0	5.504	1261.	46.	5.	757.6	32.5	1
348	0	436	37.3705	88.2491	-786.2	MM	5.65	2.12	1.11	0.376	1.916	5.095	1289.	41.	2.	757.6	32.5	1
349	0	472	37.3705	88.2498	-785.5	MM	5.77	1.53	1.20	0.264	1.272	4.813	1338.	47.	4.	754.5	32.5	1
350	0	476	37.3705	88.2505	-786.0	MM	6.12	2.09	1.18	0.343	1.780	5.196	1389.	32.	0.	754.5	32.5	1
351	0	480	37.3705	88.2512	-785.2	MM	8.86	1.85	1.23	0.209	1.499	7.178	1423.	55.	0.	754.5	32.5	1
352	0	480	37.3705	88.2519	-785.2	MM	6.24	2.56	1.26	0.410	2.037	4.965	1449.	39.	1.	754.5	32.6	1
353	0	500	37.3705	88.2526	-785.0	MM	6.78	2.47	1.24	0.364	1.989	5.471	1427.	42.	0.	756.6	32.6	1
354	0	492	37.3705	88.2533	-783.2	MM	6.66	2.86	1.06	0.430	2.711	6.305	1399.	43.	0.	757.6	32.6	1
355	0	480	37.3705	88.2540	-784.0	MM	8.46	3.16	1.05	0.374	3.006	8.036	1460.	42.	0.	755.5	32.6	1
356	0	476	37.3705	88.2547	-784.5	MM	8.28	3.78	0.49	0.456	7.780	17.068	1415.	44.	0.	754.5	32.6	1
357	0	476	37.3705	88.2554	-782.5	MM	8.16	1.88	1.35	0.231	1.399	6.061	1444.	42.	0.	754.5	32.5	1
358	0	476	37.3705	88.2561	-781.0	MM	8.28	2.18	1.06	0.264	2.062	7.812	1482.	35.	0.	755.5	32.5	1
359	0	476	37.3705	88.2568	-781.2	MM	7.05	3.27	1.17	0.464	2.786	6.000	1518.	44.	0.	757.6	32.6	1
360	10	484	37.3705	88.2576	-782.7	MM	9.54	0.92	1.24	0.0	0.0	7.705	1401.	46.	2.	757.6	32.6	1
361	10	484	37.3705	88.2582	-783.0	MM	9.00	1.55	1.04	0.0	0.0	8.665	1471.	29.	1.	756.6	32.6	1
362	0	476	37.3705	88.2589	-782.7	MM	6.85	1.81	1.35	0.265	1.349	5.092	1398.	50.	2.	755.5	32.6	1
363	0	472	37.3705	88.2596	-784.0	MM	6.46	1.96	0.89	0.304	2.211	7.268	1391.	33.	6.	754.5	32.6	1
364	0	480	37.3705	88.2603	-784.2	MM	8.32	2.73	0.79	0.328	3.443	10.493	1296.	46.	4.	755.5	32.6	1
365	0	488	37.3705	88.2610	-782.5	MM	6.25	2.23	0.97	0.356	2.303	6.468	1376.	33.	8.	756.6	32.6	1
366	0	504	37.3705	88.2617	-782.7	MM	4.62	3.27	0.94	0.709	3.483	4.915	1346.	40.	6.	757.6	32.6	1
367	10	496	37.3705	88.2625	-783.7	MM	4.65	1.09	0.87	0.0	0.0	5.324	1266.	41.	6.	756.6	32.7	1
368	0	488	37.3706	88.2632	-783.5	MM	6.24	2.84	0.53	0.454	5.327	11.721	1269.	45.	1.	755.5	32.7	1
369	10	488	37.3705	88.2638	-783.0	MM	5.66	1.14	0.79	0.0	0.0	7.171	1196.	37.	4.	754.5	32.7	1
370	0	480	37.3705	88.2645	-782.5	MM	6.01	2.54	1.04	0.422	2.430	5.759	1258.	48.	4.	754.5	32.7	1
371	10	480	37.3705	88.2652	-782.0	MM	7.09	-0.11	0.96	0.0	0.0	7.392	1302.	33.	3.	756.6	32.7	1

CP9 1P 12

*	TAGS		* LOCATION		*			REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
372	0	496	37.3705	88.2660	-782.2	MM	5.92	3.16	0.87	0.533	3.645	6.840	1324.	46.	3.	757.6	32.7	1
373	0	500	37.3705	88.2666	-784.0	MM	5.06	2.56	1.08	0.507	2.375	4.687	1375.	35.	2.	756.6	32.7	1
374	10	492	37.3705	88.2673	-783.2	MM	5.80	1.39	1.13	0.0	0.0	5.130	1300.	47.	0.	754.5	32.7	1
375	0	496	37.3705	88.2680	-782.5	MM	7.39	1.89	0.84	0.256	2.260	8.821	1329.	37.	0.	754.5	32.6	1
376	0	504	37.3705	88.2687	-782.0	MM	6.01	1.66	1.10	0.277	1.511	5.451	1289.	45.	3.	755.5	32.6	1
377	0	500	37.3705	88.2694	-782.7	MM	6.16	1.62	1.02	0.262	1.588	6.057	1222.	49.	3.	756.6	32.4	1
378	0	508	37.3705	88.2701	-783.5	MM	6.71	3.44	0.99	0.512	3.462	6.759	1335.	45.	0.	756.6	32.5	1
379	0	540	37.3705	88.2709	-783.5	MM	8.88	2.01	0.85	0.227	2.366	10.429	1335.	36.	1.	755.5	32.5	1
380	10	556	37.3705	88.2716	-783.2	MM	5.97	1.52	1.12	0.0	0.0	5.351	1334.	37.	1.	754.5	32.5	1
381	0	576	37.3705	88.2722	-784.0	MM	6.93	3.48	0.93	0.502	3.739	7.444	1537.	46.	0.	755.0	32.5	1
382	0	540	37.3706	88.2729	-784.5	MM	3.66	4.93	0.65	1.346	7.548	5.608	1292.	36.	0.	756.1	32.5	1
383	0	492	37.3706	88.2737	-783.7	MM	5.30	2.79	0.71	0.526	3.933	7.483	1136.	48.	0.	756.1	32.5	1
384	0	520	37.3706	88.2744	-783.5	MM	6.81	1.59	0.89	0.234	1.797	7.676	1231.	48.	0.	755.5	32.5	1
385	0	560	37.3706	88.2750	-785.2	MM	7.59	2.35	1.12	0.309	2.100	6.792	1365.	38.	0.	754.5	32.6	1
386	0	532	37.3706	88.2757	-784.5	MM	3.92	3.27	1.02	0.833	3.188	3.829	1284.	34.	0.	754.5	32.6	1
387	0	528	37.3706	88.2765	-782.5	MM	5.34	2.76	1.12	0.516	2.463	4.773	1373.	54.	0.	756.1	32.6	1
388	0	540	37.3705	88.2772	-783.7	MM	5.97	2.93	1.03	0.491	2.849	5.807	1415.	36.	0.	757.6	32.7	1
389	10	560	37.3705	88.2778	-783.2	MM	7.62	1.53	1.56	0.0	0.0	4.900	1439.	44.	2.	756.6	32.7	1
390	0	544	37.3705	88.2785	-784.0	MM	7.73	2.80	0.78	0.363	3.595	9.914	1373.	35.	0.	755.5	32.7	1
391	0	488	37.3705	88.2793	-785.0	MM	6.56	2.46	0.62	0.375	3.982	10.621	1219.	35.	2.	755.5	32.6	1
392	0	516	37.3705	88.2800	-784.2	MM	6.48	2.42	0.66	0.373	3.669	9.830	1226.	39.	4.	756.6	32.7	1
393	10	492	37.3705	88.2807	-784.0	MM	3.93	1.19	1.08	0.0	0.0	3.644	1202.	41.	5.	758.7	32.7	1
394	10	488	37.3705	88.2814	-783.2	MM	6.61	0.66	1.01	0.0	0.0	6.567	1258.	38.	8.	758.1	32.7	1
395	0	524	37.3705	88.2821	-783.5	MM	6.85	2.02	0.95	0.295	2.125	7.197	1321.	41.	6.	756.1	32.6	1
396	0	516	37.3705	88.2828	-783.5	MM	7.10	3.82	0.90	0.538	4.262	7.917	1332.	38.	4.	756.1	32.6	1
397	10	520	37.3706	88.2834	-783.5	MM	8.79	1.49	0.98	0.0	0.0	9.004	1410.	43.	4.	757.1	32.6	1
398	10	496	37.3706	88.2841	-783.7	MM	6.45	1.33	1.00	0.0	0.0	6.444	1317.	49.	7.	758.1	32.7	1
399	0	476	37.3706	88.2849	-782.2	MM	3.87	2.55	0.94	0.658	2.699	4.103	1342.	34.	4.	758.7	32.7	1
400	0	468	37.3706	88.2856	-782.2	MM	7.33	1.98	1.00	0.270	1.971	7.312	1281.	40.	2.	757.6	32.8	1
401	10	472	37.3706	88.2862	-782.2	MM	7.21	1.11	0.88	0.0	0.0	8.233	1204.	39.	2.	757.1	32.8	1
402	0	492	37.3706	88.2869	-782.0	MM	4.96	2.10	1.00	0.424	2.113	4.988	1299.	46.	0.	758.1	32.8	1
403	0	500	37.3706	88.2877	-781.2	MM	6.62	2.42	0.84	0.366	2.888	7.893	1396.	38.	0.	758.7	32.9	1
404	0	520	37.3706	88.2884	-782.5	MM	5.16	3.36	1.03	0.650	3.255	5.005	1418.	50.	0.	758.7	32.9	1
405	0	516	37.3706	88.2891	-784.0	MM	5.07	3.60	0.89	0.710	4.032	5.675	1404.	33.	0.	758.7	32.9	1
406	0	504	37.3706	88.2898	-782.5	QAL	8.75	1.71	1.48	0.195	1.149	5.895	1436.	35.	0.	757.6	32.9	1
407	0	508	37.3705	88.2905	-783.5	QAL	7.93	2.24	0.93	0.282	2.418	8.569	1427.	42.	1.	756.6	32.9	1
408	0	520	37.3705	88.2912	-784.7	QAL	6.00	3.58	1.10	0.597	3.251	5.443	1597.	46.	1.	757.6	32.9	1
409	10	532	37.3705	88.2919	-783.2	QAL	7.70	1.12	1.44	0.0	0.0	5.366	1560.	32.	0.	758.7	32.9	1
410	10	544	37.3705	88.2926	-784.0	QAL	7.21	1.35	0.95	0.0	0.0	7.556	1532.	46.	7.	758.7	33.0	1
411	0	548	37.3705	88.2933	-785.0	QAL	6.30	1.99	1.22	0.316	1.630	5.161	1529.	44.	4.	757.6	33.0	1
412	0	544	37.3706	88.2940	-783.5	QAL	9.57	3.20	0.82	0.335	3.905	11.663	1522.	57.	4.	757.6	33.0	1
413	10	540	37.3706	88.2946	-783.2	QAL	7.05	1.76	1.24	0.0	0.0	5.674	1641.	35.	8.	757.6	33.0	1
414	0	536	37.3706	88.2953	-782.7	QAL	7.91	2.13	1.42	0.269	1.499	5.574	1609.	36.	9.	758.7	33.0	1
415	10	536	37.3706	88.2961	-781.2	QAL	9.86	1.30	1.37	0.0	0.0	7.186	1572.	45.	7.	758.7	33.0	1
416	0	536	37.3706	88.2968	-782.7	QAL	7.17	3.57	1.20	0.499	2.987	5.991	1538.	33.	5.	758.7	33.1	1
417	0	5[illegible]	37.3706	88.2975	-782.2	QAL	5.55	2.41	1.20	0.434	2.006	4.625	1616.	56.	7.	758.7	33.0	1
418	10	540	37.3706	88.2982	-780.7	QAL	8.55	1.28	1.24	0.0	0.0	6.869	1507.	41.	7.	757.6	33.0	1
419	10	512	37.3706	88.2989	-781.5	QAL	9.05	1.38	1.19	0.0	0.0	7.625	1507.	37.	2.	757.1	33.0	1
420	10	476	37.3706	88.2996	-783.5	QAL	7.82	1.28	0.72	0.0	0.0	10.883	1235.	50.	5.	758.1	33.0	1
421	0	488	37.3706	88.3003	-782.7	QAL	5.83	2.61	1.16	0.448	2.247	5.015	1352.	49.	0.	759.2	33.0	1
422	0	492	37.3706	88.3010	-781.2	QAL	7.03	2.02	0.92	0.288	2.204	7.653	1324.	37.	1.	758.1	33.0	1
423	10	484	37.3706	88.3017	-783.5	QAL	5.71	0.26	0.93	0.0	0.0	6.132	1253.	46.	2.	757.1	33.0	1
424	10	480	37.3706	88.3024	-785.5	QAL	7.66	0.88	1.08	0.0	0.0	7.076	1333.	36.	3.	757.1	33.1	1

CP9 IP 12

* TAGS			* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
425	0	476	37.3706	88.3031	-785.2	QAL	3.53	2.62	0.96	0.743	2.732	3.677	1153.	43.	5.	758.7	33.0	1
426	0	488	37.3706	88.3038	-786.0	QAL	6.55	1.95	0.77	0.298	2.523	8.477	1227.	46.	5.	758.7	33.0	1
427	10	496	37.3706	88.3045	-786.0	QAL	4.47	1.37	1.13	0.0	0.0	3.966	1234.	27.	4.	756.6	33.0	1
428	10	484	37.3706	88.3052	-786.5	QAL	5.75	0.94	0.77	0.0	0.0	7.467	1028.	53.	7.	756.6	33.1	1
429	10	496	37.3706	88.3059	-786.2	QAL	7.30	-0.62	1.28	0.0	0.0	5.712	1254.	31.	7.	757.6	33.1	1
430	10	504	37.3706	88.3066	-788.0	QAL	6.63	0.82	0.98	0.0	0.0	6.799	1305.	47.	3.	758.7	33.2	1
431	10	540	37.3706	88.3073	-787.7	QAL	7.27	0.73	1.32	0.0	0.0	5.487	1450.	37.	6.	758.7	33.1	1
432	10	560	37.3706	88.3080	-784.7	QAL	9.45	-0.82	1.02	0.0	0.0	9.254	1407.	32.	5.	757.6	33.1	1
433	0	508	37.3706	88.3087	-785.0	QAL	6.78	2.46	1.16	0.362	2.117	5.842	1474.	29.	5.	756.6	33.0	1
434	0	508	37.3706	88.3094	-785.0	QAL	6.00	2.37	1.26	0.395	1.890	4.782	1390.	43.	0.	757.6	33.0	1
435	10	504	37.3706	88.3101	-784.0	QAL	10.02	0.99	1.06	0.0	0.0	9.441	1432.	37.	5.	758.7	33.0	1
436	0	516	37.3706	88.3108	-784.2	QAL	9.81	1.78	1.23	0.181	1.448	7.994	1536.	41.	3.	758.7	33.0	1
437	10	548	37.3706	88.3115	-785.5	QAL	7.02	1.22	1.30	0.0	0.0	5.395	1597.	44.	3.	756.6	32.9	1
438	0	536	37.3706	88.3122	-783.0	QAL	7.92	2.09	1.13	0.264	1.847	7.001	1518.	35.	4.	756.6	33.0	1
439	0	528	37.3706	88.3130	-783.5	QAL	7.64	3.13	1.13	0.410	2.761	6.738	1620.	37.	5.	757.6	32.9	1
440	0	540	37.3706	88.3137	-785.2	QAL	8.23	3.15	1.48	0.382	2.125	5.559	1542.	47.	3.	758.7	32.9	1
441	0	548	37.3706	88.3143	-785.0	QAL	8.32	2.04	1.21	0.245	1.689	6.901	1524.	44.	1.	758.7	32.9	1
442	0	548	37.3706	88.3150	-784.5	QAL	9.41	2.73	1.08	0.290	2.519	8.695	1450.	38.	1.	756.6	32.9	1
443	0	548	37.3706	88.3157	-785.2	QAL	9.09	2.29	1.24	0.252	1.841	7.315	1452.	45.	1.	756.1	32.9	1
444	0	548	37.3706	88.3164	-785.7	QAL	5.52	3.81	1.06	0.690	3.587	5.195	1533.	32.	0.	758.1	32.9	1
445	0	548	37.3706	88.3171	-786.5	QAL	6.91	2.77	1.25	0.400	2.219	5.541	1396.	45.	2.	758.1	33.0	1
446	0	548	37.3706	88.3178	-785.2	QAL	7.61	2.51	1.43	0.330	1.752	5.302	1393.	45.	0.	756.6	33.0	1
447	0	552	37.3706	88.3185	-785.2	QAL	8.72	2.17	0.84	0.249	2.598	10.431	1262.	40.	0.	756.6	33.0	1
448	0	556	37.3706	88.3192	-787.5	QAL	6.65	3.26	0.97	0.489	3.361	6.867	1385.	35.	0.	757.6	33.0	1
449	0	556	37.3706	88.3199	-788.0	QAL	7.08	3.45	0.87	0.488	3.991	8.181	1301.	47.	0.	758.7	33.0	1
450	0	544	37.3706	88.3206	-787.2	QAL	5.91	3.33	0.92	0.564	3.604	6.390	1301.	39.	2.	758.7	33.0	1
451	0	536	37.3705	88.3214	-787.2	QAL	7.05	2.23	0.99	0.317	2.256	7.114	1370.	39.	4.	757.6	33.0	1
452	0	508	37.3705	88.3220	-786.0	MM	5.35	3.76	0.97	0.703	3.863	5.495	1348.	44.	4.	756.6	33.0	1
453	0	476	37.3705	88.3227	-786.0	MM	4.92	3.51	0.82	0.713	4.280	6.005	1278.	46.	0.	757.6	33.0	1
454	10	476	37.3705	88.3234	-786.2	MM	6.50	1.42	1.09	0.0	0.0	5.976	1274.	45.	1.	758.7	33.0	1
455	10	436	37.3705	88.3242	-787.0	MM	6.46	0.92	0.93	0.0	0.0	6.929	1206.	35.	4.	758.7	33.0	1
456	10	432	37.3706	88.3248	-787.7	MM	6.45	1.13	0.94	0.0	0.0	6.878	1260.	31.	5.	757.6	33.0	1
457	0	448	37.3705	88.3255	-789.2	MM	6.95	1.55	1.37	0.223	1.133	5.085	1368.	33.	0.	756.6	32.9	1
458	0	428	37.3705	88.3262	-789.7	MM	6.38	2.01	0.89	0.316	2.268	7.185	1307.	29.	3.	757.6	32.9	1
459	0	432	37.3705	88.3269	-790.5	MM	6.16	2.84	0.98	0.460	2.896	6.291	1302.	41.	3.	758.7	32.9	1
460	0	476	37.3705	88.3276	-790.0	MM	5.26	3.04	0.89	0.579	3.423	5.908	1433.	47.	4.	758.7	33.0	1
461	0	488	37.3705	88.3283	-789.0	MM	7.50	2.78	1.10	0.371	2.528	6.812	1462.	31.	2.	757.6	33.0	1
462	10	476	37.3705	88.3290	-790.0	MM	6.67	0.86	0.99	0.0	0.0	6.742	1409.	40.	5.	757.6	33.0	1
463	0	452	37.3705	88.3297	-789.5	MM	7.05	1.69	0.93	0.239	1.822	7.625	1356.	33.	5.	757.6	33.0	1
464	0	396	37.3705	88.3304	-789.0	MM	7.21	1.75	0.97	0.242	1.810	7.463	1200.	37.	1.	758.7	33.0	1
465	10	352	37.3705	88.3311	-790.2	MCL	6.05	0.18	0.95	0.0	0.0	6.376	1077.	44.	0.	758.7	33.0	1
466	10	324	37.3705	88.3318	-791.7	MCL	4.49	0.93	0.76	0.0	0.0	5.885	1003.	40.	0.	757.6	33.0	1
467	0	328	37.3705	88.3325	-789.7	MCL	4.80	1.10	0.67	0.228	1.638	7.169	970.	45.	0.	757.6	33.0	1
468	0	352	37.3704	88.3332	-791.2	MCL	2.81	2.64	0.76	0.938	3.456	3.686	940.	38.	0.	758.7	33.1	1
469	0	352	37.3704	88.3339	-792.2	MCL	3.62	1.49	0.60	0.412	2.469	5.995	911.	41.	0.	758.7	33.1	1
470	0	328	37.3704	88.3346	-789.7	MCL	5.53	2.02	0.49	0.365	4.146	11.349	968.	28.	0.	758.7	33.1	1
471	0	340	37.3704	88.3353	-791.0	MCL	3.54	1.15	0.78	0.326	1.485	4.554	1084.	50.	0.	757.6	33.0	1
472	0	320	37.3704	88.3359	-792.5	MCL	4.42	2.95	0.70	0.668	4.232	6.339	1116.	43.	0.	756.6	33.0	1
473	0	312	37.3704	88.3367	-792.7	MCL	5.27	1.34	0.90	0.253	1.489	5.876	1204.	48.	0.	757.6	33.0	1
474	0	296	37.3704	88.3374	-792.5	MCL	7.31	2.31	0.73	0.316	3.166	10.027	1266.	26.	0.	758.7	33.1	1
475	0	288	37.3704	88.3381	-792.2	MCL	5.02	1.64	1.02	0.327	1.605	4.909	1331.	41.	1.	758.7	33.1	1
476	0	288	37.3704	88.3387	-792.2	MCL	5.58	1.51	0.93	0.270	1.615	5.974	1254.	40.	3.	758.1	33.1	1
477	10	312	37.3704	88.3394	-792.5	MCL	5.18	0.40	1.17	0.0	0.0	4.440	1235.	39.	7.	757.1	33.1	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
478	0	348	37.3704	88.3402	-790.5	MCL	6.43	1.43	0.95	0.222	1.507	6.783	1336.	33.	4.	757.1	33.0	1
479	10	340	37.3703	88.3408	-789.5	MCL	7.59	0.95	0.96	0.0	0.0	7.921	1280.	38.	5.	758.1	33.0	1
480	0	344	37.3703	88.3416	-790.5	MCL	5.15	2.82	0.77	0.548	3.647	6.658	1164.	54.	2.	759.2	33.0	1
481	0	340	37.3704	88.3423	-791.2	MCL	5.32	1.79	0.82	0.336	2.182	6.495	1105.	47.	1.	758.1	33.0	1
482	0	340	37.3704	88.3429	-795.0	MCL	4.22	2.48	0.68	0.589	3.646	6.195	1132.	30.	0.	756.6	33.0	1
483	0	340	37.3704	88.3437	-795.5	MCL	4.40	3.07	0.73	0.696	4.187	6.014	1156.	37.	0.	756.6	33.0	1
484	0	344	37.3703	88.3444	-795.5	MCL	3.56	2.03	0.69	0.572	2.938	5.139	1005.	40.	0.	758.7	33.0	1
485	0	340	37.3703	88.3451	-796.2	MCL	6.14	2.18	0.65	0.356	3.358	9.444	1139.	46.	0.	759.2	33.0	1
486	10	316	37.3703	88.3457	-795.7	MCL	6.63	0.83	0.92	0.0	0.0	7.213	1153.	44.	0.	758.7	33.0	1
487	0	352	37.3703	88.3464	-797.0	MCL	7.11	1.69	0.96	0.237	1.764	7.440	1368.	39.	0.	757.6	32.9	1
488	0	348	37.3703	88.3472	-797.7	MCL	5.92	1.52	1.18	0.257	1.286	4.997	1504.	39.	1.	757.6	32.9	1
489	0	344	37.3703	88.3478	-796.0	MCL	7.19	2.25	1.29	0.312	1.746	5.593	1529.	42.	3.	757.6	32.9	1
490	0	348	37.3703	88.3485	-796.2	MCL	8.05	2.92	1.29	0.362	2.254	6.221	1664.	38.	1.	758.1	33.0	1
491	10	360	37.3703	88.3492	-800.7	MCL	11.14	0.95	1.18	0.0	0.0	9.460	1638.	38.	0.	758.1	33.0	1
492	0	368	37.3703	88.3499	-800.0	MCL	7.33	3.03	1.49	0.414	2.037	4.920	1697.	44.	3.	757.1	33.0	1
493	0	376	37.3703	88.3506	-798.2	MCL	7.90	2.30	1.40	0.291	1.646	5.664	1723.	45.	0.	757.1	33.0	1
494	0	376	37.3703	88.3513	-799.7	MCL	7.96	3.29	1.18	0.413	2.789	6.745	1634.	44.	5.	758.1	33.0	1
495	0	372	37.3702	88.3521	-800.2	MCL	7.76	2.26	1.18	0.291	1.917	6.590	1528.	47.	5.	758.7	33.0	1
496	0	348	37.3702	88.3527	-801.5	MCL	10.42	1.95	1.11	0.187	1.752	9.384	1539.	37.	5.	758.7	33.0	1
497	0	364	37.3703	88.3534	-801.0	MCL	7.54	2.59	1.31	0.343	1.975	5.756	1550.	48.	2.	757.6	33.0	1
498	0	360	37.3703	88.3542	-798.2	MCL	11.01	2.61	1.09	0.237	2.386	10.074	1663.	29.	2.	756.6	33.0	1
499	0	360	37.3703	88.3548	-800.2	MCL	6.65	3.41	1.14	0.512	2.978	5.812	1599.	37.	5.	757.6	33.0	1
500	0	372	37.3703	88.3555	-804.0	MCL	7.63	2.02	1.36	0.265	1.483	5.599	1675.	41.	6.	758.7	33.0	1
501	0	372	37.3702	88.3562	-803.7	MCL	7.03	2.75	1.18	0.392	2.330	5.947	1656.	38.	4.	758.7	33.0	1
502	0	372	37.3702	88.3569	-802.7	MCL	7.00	1.89	1.20	0.270	1.574	5.821	1571.	41.	5.	758.7	33.0	1
503	0	372	37.3702	88.3576	-804.7	MCL	7.61	2.28	1.11	0.299	2.045	6.830	1548.	31.	0.	757.6	33.0	1
504	0	372	37.3702	88.3583	-805.2	MCL	6.54	3.19	1.37	0.488	2.339	4.791	1585.	26.	1.	756.6	33.0	1
505	0	384	37.3702	88.3590	-806.5	MCL	6.28	2.17	1.22	0.345	1.770	5.138	1505.	49.	1.	757.6	33.0	1
506	0	392	37.3702	88.3597	-807.5	MCL	8.97	1.83	0.98	0.204	1.858	9.119	1509.	43.	0.	758.7	32.9	1
507	0	392	37.3702	88.3604	-805.2	MCL	7.12	2.87	0.99	0.403	2.893	7.175	1517.	39.	0.	758.7	32.9	1
508	0	396	37.3702	88.3611	-805.7	MCL	7.68	3.19	1.01	0.415	3.165	7.624	1530.	48.	0.	758.7	32.9	1
509	10	400	37.3702	88.3617	-805.7	MCL	7.90	1.25	1.07	0.0	0.0	7.354	1410.	43.	0.	757.6	32.9	1
510	0	404	37.3702	88.3625	-806.0	MCL	5.44	3.25	1.29	0.598	2.517	4.210	1500.	48.	0.	757.6	32.9	1
511	0	408	37.3702	88.3632	-807.5	MCL	5.91	3.07	1.03	0.520	2.990	5.749	1498.	35.	1.	757.6	32.9	1
512	0	416	37.3701	88.3639	-810.0	MCL	6.67	2.40	0.96	0.361	2.516	6.976	1398.	39.	0.	758.7	32.9	1
513	0	428	37.3701	88.3646	-809.2	MCL	5.26	2.28	1.22	0.433	1.866	4.304	1288.	42.	0.	758.7	32.9	1
514	0	428	37.3701	88.3653	-810.0	MCL	6.18	3.18	0.73	0.515	4.356	8.462	1226.	37.	0.	757.6	32.9	1
515	0	436	37.3701	88.3660	-811.7	MCL	6.73	1.91	0.85	0.285	2.248	7.896	1176.	39.	1.	756.6	32.9	1
516	0	432	37.3701	88.3667	-810.5	MCL	4.17	1.80	1.01	0.433	1.795	4.144	1102.	38.	3.	757.6	33.0	1
517	0	436	37.3702	88.3674	-811.7	MCL	4.91	1.89	0.72	0.385	2.606	6.774	1068.	48.	4.	758.7	33.0	1
518	10	440	37.3701	88.3681	-811.7	MCL	6.67	1.05	0.68	0.0	0.0	9.872	1124.	37.	5.	758.7	33.0	1
519	10	436	37.3701	88.3687	-811.0	MCL	7.04	0.68	0.99	0.0	0.0	7.139	1125.	50.	5.	758.7	33.0	1
520	0	420	37.3701	88.3694	-812.5	MCL	3.76	1.94	0.92	0.517	2.105	4.069	1139.	32.	4.	757.6	33.0	1
521	10	408	37.3701	88.3702	-814.2	MCL	7.27	1.36	0.70	0.0	0.0	10.376	1251.	49.	3.	757.1	33.0	1
522	0	404	37.3701	88.3709	-814.0	MCL	6.51	2.66	0.85	0.409	3.119	7.635	1328.	42.	1.	758.1	33.0	1
523	10	440	37.3700	88.3715	-812.5	MCL	6.42	1.28	1.22	0.0	0.0	5.260	1384.	51.	6.	759.2	33.0	1
524	10	436	37.3701	88.3723	-815.0	MCL	7.94	0.61	1.11	0.0	0.0	7.136	1392.	51.	3.	758.7	33.0	1
525	0	444	37.3701	88.3730	-816.0	MCL	8.13	2.17	0.99	0.266	2.192	8.235	1400.	34.	0.	757.6	33.0	1
526	0	456	37.3701	88.3737	-816.2	MCL	6.95	1.60	0.73	0.230	2.187	9.512	1259.	34.	2.	757.6	33.0	1
527	0	460	37.3701	88.3744	-817.7	QAL	5.62	2.52	0.79	0.449	3.204	7.143	1187.	37.	1.	758.7	32.9	1
528	0	452	37.3701	88.3751	-816.7	QAL	5.04	2.50	0.79	0.496	3.177	6.405	1084.	47.	2.	759.2	32.9	1
529	0	496	37.3700	88.3757	-816.7	QAL	6.13	1.68	0.75	0.274	2.228	8.131	1151.	33.	4.	758.1	32.9	1
530	0	500	37.3700	88.3764	-818.0	QAL	4.60	3.75	0.82	0.815	4.589	5.629	1198.	36.	6.	758.1	32.9	1

CP9 1P12

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
531	0	508	37.3700	88.3772	-818.5	MCL	5.14	4.84	0.77	0.942	6.266	6.650	1403.	33.	7.	757.6	32.9	1
532	10	500	37.3700	88.3779	-819.5	MCL	8.38	0.49	1.01	0.0	0.0	8.271	1466.	39.	11.	757.6	33.0	1
533	10	488	37.3700	88.3785	-818.7	MCL	5.26	1.19	0.94	0.0	0.0	5.617	1313.	47.	7.	758.7	32.9	1
534	0	480	37.3700	88.3792	-821.2	MCL	5.80	2.23	0.87	0.384	2.552	6.642	1361.	51.	10.	758.1	32.9	1
535	10	488	37.3700	88.3799	-822.7	MCL	6.26	0.34	1.20	0.0	0.0	5.220	1363.	46.	13.	757.1	32.9	1
536	10	496	37.3700	88.3806	-821.0	MCL	4.83	1.20	0.99	0.0	0.0	4.862	1356.	39.	8.	757.1	33.0	1
537	0	496	37.3700	88.3813	-821.2	MCL	6.38	1.65	1.05	0.259	1.569	6.057	1458.	31.	6.	758.1	32.9	1
538	0	508	37.3700	88.3821	-822.7	MCL	5.66	2.27	0.86	0.401	2.652	6.612	1258.	51.	5.	758.7	33.0	1
539	0	520	37.3700	88.3827	-822.2	MCL	5.00	4.63	0.78	0.926	5.973	6.452	1327.	38.	3.	758.7	32.9	1
540	0	520	37.3699	88.3834	-823.2	MCL	7.45	3.04	0.73	0.408	4.168	10.219	1300.	41.	0.	757.6	33.0	1
541	0	500	37.3699	88.3842	-824.7	MCL	7.86	3.32	0.80	0.422	4.138	9.801	1232.	58.	0.	756.6	33.0	1
542	10	472	37.3700	88.3849	-823.2	MCL	8.06	0.93	0.96	0.0	0.0	8.429	1207.	48.	0.	757.6	33.0	1
543	0	508	37.3700	88.3855	-824.0	MCL	7.25	3.13	0.90	0.432	3.479	8.050	1412.	39.	0.	758.7	33.0	1
544	0	512	37.3700	88.3862	-824.5	MCL	6.43	5.00	0.71	0.777	7.063	9.086	1362.	47.	0.	758.7	33.0	1
545	10	520	37.3699	88.3869	-826.2	MCL	6.96	1.38	1.12	0.0	0.0	6.202	1289.	40.	4.	756.6	33.0	1
546	0	496	37.3699	88.3876	-826.2	MCL	5.61	2.71	0.99	0.483	2.746	5.685	1329.	57.	3.	756.6	33.0	1
547	0	468	37.3699	88.3883	-825.0	MCL	5.00	3.29	0.82	0.659	4.034	6.125	1211.	32.	3.	757.6	32.9	1
548	0	460	37.3699	88.3890	-825.5	MCL	3.88	3.62	0.77	0.932	4.684	5.027	1186.	35.	1.	758.7	33.0	1
549	0	464	37.3699	88.3897	-827.2	MCL	5.52	1.77	0.89	0.320	1.981	6.183	1270.	37.	3.	758.7	32.9	1
550	0	456	37.3699	88.3904	-828.0	MCL	5.27	2.03	1.02	0.385	1.993	5.182	1254.	39.	0.	757.6	32.9	1
551	10	464	37.3699	88.3911	-828.5	MCL	6.34	1.25	0.89	0.0	0.0	7.116	1266.	53.	1.	757.6	32.9	1
552	0	472	37.3699	88.3919	-829.5	MCL	6.97	2.28	0.94	0.327	2.435	7.452	1210.	49.	3.	757.6	32.9	1
553	0	460	37.3699	88.3925	-829.2	MCL	5.61	2.53	0.80	0.452	3.180	7.037	1189.	45.	4.	757.6	32.8	1
554	0	452	37.3699	88.3932	-830.0	MCL	5.20	3.81	0.66	0.733	5.770	7.874	1247.	30.	0.	758.7	32.9	1
555	10	440	37.3699	88.3939	-829.7	MCL	5.37	1.15	0.83	0.0	0.0	6.497	1083.	45.	4.	757.6	32.9	1
556	0	444	37.3699	88.3946	-830.7	PPCV	5.54	1.79	0.83	0.324	2.165	6.683	1111.	48.	3.	756.6	32.9	1
557	10	400	37.3698	88.3953	-832.7	PPCV	4.79	1.06	0.44	0.0	0.0	10.768	983.	48.	5.	756.6	32.9	1
558	10	372	37.3698	88.3960	-833.7	PPCV	5.12	-0.00	0.81	0.0	0.0	6.357	917.	63.	7.	757.6	33.0	1
559	10	348	37.3698	88.3967	-833.5	PPCV	4.32	1.16	0.79	0.0	0.0	5.456	1027.	56.	8.	758.7	32.9	1
560	0	316	37.3698	88.3974	-833.7	PPCV	5.84	2.04	0.78	0.349	2.627	7.526	1203.	31.	5.	757.6	33.0	1
561	0	344	37.3698	88.3981	-834.5	PPCV	7.25	2.71	0.94	0.374	2.878	7.696	1386.	56.	2.	756.6	33.0	1
562	0	340	37.3698	88.3988	-834.2	PPCV	7.38	1.59	0.68	0.215	2.322	10.800	1355.	31.	4.	757.6	33.1	1
563	0	308	37.3698	88.3994	-836.0	PPCV	4.72	1.33	1.14	0.281	1.159	4.124	1265.	41.	1.	758.7	33.1	1
564	10	284	37.3698	88.4002	-836.7	PPCV	5.80	0.96	0.83	0.0	0.0	6.957	1278.	29.	1.	758.7	33.1	1
565	0	264	37.3698	88.4009	-836.7	PPCV	5.78	1.42	0.93	0.245	1.526	6.218	1282.	47.	0.	757.6	33.1	1
566	0	244	37.3698	88.4015	-837.2	PPCV	6.43	2.43	0.99	0.378	2.468	6.526	1405.	28.	0.	756.6	33.1	1
567	0	256	37.3698	88.4023	-838.5	PPCV	5.44	2.78	0.89	0.510	3.135	6.144	1467.	51.	0.	756.6	33.0	1
568	0	292	37.3697	88.4030	-839.7	PPCV	8.38	2.97	1.12	0.354	2.660	7.518	1589.	43.	0.	758.7	33.1	1
569	0	260	37.3698	88.4037	-840.5	PPCV	6.00	3.36	1.16	0.560	2.887	5.158	1543.	37.	0.	758.1	33.0	1
570	0	268	37.3698	88.4044	-841.5	PPCV	8.35	3.20	1.07	0.384	2.990	7.789	1582.	38.	0.	756.1	33.0	1
571	0	292	37.3698	88.4051	-841.7	PPCV	7.83	2.38	1.00	0.303	2.379	7.841	1617.	31.	0.	756.1	33.0	1
572	10	308	37.3698	88.4058	-842.2	PPCV	10.54	0.98	1.39	0.0	0.0	7.586	1659.	38.	0.	756.6	33.0	1
573	0	332	37.3697	88.4064	-844.0	PPCV	9.19	3.59	1.13	0.391	3.184	8.140	1598.	42.	0.	756.6	33.0	1
574	0	352	37.3697	88.4071	-843.0	PPCV	10.08	2.02	1.16	0.201	1.747	8.695	1529.	42.	0.	757.6	32.9	1
575	0	356	37.3697	88.4079	-843.7	PPCV	4.73	4.78	0.84	1.009	5.714	5.661	1498.	34.	0.	757.6	32.9	1
576	0	340	37.3697	88.4085	-846.0	PPCV	7.16	1.92	0.90	0.268	2.118	7.908	1348.	32.	0.	755.5	32.9	1
577	0	368	37.3697	88.4092	-846.5	PPCV	5.85	2.32	0.99	0.396	2.348	5.933	1363.	40.	0.	754.5	32.8	1
578	0	368	37.3697	88.4099	-847.0	PPCV	5.81	2.09	0.81	0.360	2.573	7.157	1260.	49.	0.	756.6	32.7	1
579	0	364	37.3697	88.4107	-845.2	PPCV	7.24	1.41	0.70	0.195	2.022	10.348	1244.	47.	0.	757.6	32.7	1
580	0	364	37.3697	88.4113	-846.2	PPCV	5.63	2.37	0.84	0.422	2.835	6.722	1284.	42.	0.	757.6	32.6	1
581	0	368	37.3697	88.4121	-846.2	PPCV	6.33	2.69	0.58	0.425	4.606	10.834	1302.	40.	0.	756.6	32.6	1
582	0	392	37.3697	88.4128	-846.5	PPCV	7.17	1.48	1.00	0.206	1.477	7.155	1366.	39.	0.	755.5	32.6	1
583	0	396	37.3697	88.4134	-846.7	PPCV	7.78	1.54	0.96	0.198	1.595	8.064	1430.	35.	2.	754.5	32.5	1

CP9 LP12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
584	0	396	37.3696	88.4142	-849.0	PPCV	5.75	2.79	1.18	0.486	2.377	4.886	1435.	34.	1.	755.5	32.6	1
585	0	404	37.3696	88.4149	-849.5	PPCV	6.64	1.55	0.87	0.234	1.794	7.672	1321.	42.	6.	756.6	32.6	1
586	0	408	37.3696	88.4155	-849.2	PPCV	5.60	2.70	0.91	0.483	2.959	6.125	1329.	36.	4.	757.1	32.7	1
587	0	388	37.3696	88.4162	-850.5	PPCV	5.29	1.24	0.99	0.234	1.255	5.365	1194.	16.	7.	756.1	32.7	1
588	0	396	37.3697	88.4169	-852.2	PPCV	7.75	1.59	0.91	0.206	1.759	8.557	1162.	51.	1.	755.0	32.7	1
589	0	384	37.3697	88.4176	-852.5	PPCV	5.98	1.32	0.84	0.220	1.569	7.137	1294.	31.	0.	755.0	32.7	1
590	0	372	37.3696	88.4183	-852.7	PPCV	6.11	2.35	0.75	0.384	3.108	8.090	1182.	55.	1.	755.5	32.7	1
591	0	408	37.3696	88.4190	-854.2	PPCV	10.95	1.93	0.98	0.176	1.961	11.142	1541.	30.	0.	756.6	32.7	1
592	0	400	37.3696	88.4197	-856.7	PPCV	5.37	3.43	0.92	0.638	3.710	5.814	1479.	41.	0.	757.6	32.7	1
593	0	392	37.3696	88.4204	-857.2	PPCV	8.15	1.33	1.13	0.163	1.172	7.189	1487.	46.	0.	756.6	32.7	1
594	0	388	37.3696	88.4211	-856.2	PPCV	8.35	3.04	1.20	0.365	2.543	6.976	1594.	28.	0.	754.5	32.7	1
595	0	388	37.3696	88.4219	-856.5	PPCV	7.49	4.66	0.75	0.623	6.191	9.935	1533.	49.	0.	754.5	32.7	1
596	0	392	37.3696	88.4224	-857.5	PPCV	6.38	3.03	1.22	0.475	2.481	5.226	1569.	52.	0.	755.5	32.7	1
597	0	396	37.3696	88.4232	-856.7	PPCV	7.60	2.94	1.33	0.387	2.214	5.726	1560.	44.	0.	757.6	32.7	1
598	0	388	37.3696	88.4239	-855.5	PPCV	8.38	2.98	1.27	0.356	2.353	6.616	1610.	36.	0.	758.1	32.8	1
599	0	384	37.3696	88.4246	-858.2	PPCV	6.55	2.92	1.06	0.446	2.744	6.150	1482.	40.	0.	757.1	32.8	1
600	0	384	37.3696	88.4253	-860.0	PPCV	5.50	3.78	1.14	0.687	3.308	4.816	1581.	40.	1.	756.1	32.8	1
601	0	388	37.3695	88.4260	-858.2	PPCV	7.02	3.93	1.19	0.559	3.294	5.892	1546.	40.	2.	755.5	32.8	1
602	0	384	37.3695	88.4267	-858.2	PPCV	7.63	2.21	1.06	0.289	2.089	7.230	1454.	35.	3.	755.5	32.8	1
603	0	372	37.3695	88.4274	-858.5	PPCV	7.79	1.66	0.92	0.212	1.790	8.428	1278.	44.	3.	757.6	32.8	1
604	0	356	37.3695	88.4281	-860.7	PPCV	5.86	2.60	0.90	0.444	2.885	6.501	1290.	33.	0.	757.6	32.8	1
605	0	360	37.3695	88.4288	-862.7	PPCV	6.35	1.84	0.76	0.290	2.421	8.339	1237.	46.	0.	756.6	32.8	1
606	0	372	37.3695	88.4294	-862.2	PPCV	4.90	2.29	0.89	0.467	2.568	5.495	1330.	43.	0.	755.5	32.8	1
607	0	416	37.3695	88.4302	-863.7	PPCV	6.73	2.38	0.90	0.354	2.634	7.449	1425.	28.	0.	756.6	32.7	1
608	0	420	37.3695	88.4308	-866.0	PPCV	8.67	3.07	1.02	0.354	3.004	8.488	1488.	42.	0.	757.6	32.8	1
609	0	424	37.3696	88.4316	-866.5	MCL	6.41	3.03	0.94	0.473	3.220	6.804	1424.	34.	0.	758.7	32.8	1
610	0	412	37.3696	88.4323	-866.0	MCL	7.00	2.43	1.14	0.347	2.136	6.155	1439.	48.	0.	757.6	32.8	1
611	0	404	37.3696	88.4330	-867.0	MCL	6.78	1.43	1.06	0.212	1.348	6.369	1431.	44.	0.	755.5	32.7	1
612	0	404	37.3696	88.4337	-868.5	MCL	8.50	3.14	1.05	0.369	2.995	8.121	1526.	39.	0.	755.5	32.7	1
613	0	416	37.3696	88.4344	-867.2	MCL	6.57	2.22	1.33	0.338	1.664	4.927	1553.	32.	0.	756.6	32.7	1
614	0	404	37.3696	88.4351	-866.7	MCL	5.82	1.98	1.04	0.341	1.900	5.573	1393.	52.	1.	758.1	32.8	1
615	0	388	37.3696	88.4358	-869.0	MCL	6.30	2.54	0.82	0.403	3.092	7.677	1388.	41.	3.	758.1	32.8	1
616	0	392	37.3696	88.4366	-871.2	MCL	5.94	2.69	1.00	0.453	2.694	5.947	1438.	35.	3.	756.1	32.8	1
617	0	388	37.3696	88.4373	-873.0	MCL	6.93	2.05	1.08	0.295	1.888	6.389	1456.	30.	3.	756.1	32.7	1
618	0	404	37.3696	88.4380	-873.0	MCL	7.00	1.64	1.11	0.233	1.467	6.283	1403.	43.	6.	757.1	32.8	1
619	10	408	37.3696	88.4387	-870.5	MCL	7.17	1.33	1.08	0.0	0.0	6.666	1409.	41.	5.	758.1	32.8	1
620	0	408	37.3696	88.4394	-872.0	MCL	5.87	1.85	0.78	0.315	2.358	7.496	1336.	36.	6.	757.6	32.8	1
621	0	432	37.3696	88.4401	-873.2	MCL	6.07	2.17	1.02	0.357	2.114	5.925	1459.	39.	3.	756.6	32.8	1
622	0	436	37.3696	88.4408	-871.7	MCL	7.24	2.20	1.05	0.303	2.096	6.909	1476.	50.	5.	755.5	32.8	1
623	10	448	37.3696	88.4415	-872.7	MCL	8.77	0.80	1.33	0.0	0.0	6.578	1498.	34.	5.	756.1	32.8	1
624	10	412	37.3696	88.4422	-875.5	MCL	8.17	1.30	1.02	0.0	0.0	7.983	1346.	35.	5.	758.1	32.8	1
625	0	388	37.3696	88.4429	-875.2	MCL	6.40	2.00	0.75	0.312	2.672	8.572	1296.	35.	4.	758.1	32.8	1
626	0	480	37.3696	88.4436	-877.2	MCL	5.80	3.67	1.30	0.634	2.820	4.452	1520.	41.	4.	756.1	32.8	1
627	0	448	37.3696	88.4444	-879.5	MCL	8.29	2.47	0.97	0.298	2.535	8.500	1379.	42.	5.	755.0	32.7	1
628	10	464	37.3696	88.4451	-876.0	MCL	4.96	1.44	1.26	0.0	0.0	3.929	1443.	36.	10.	756.6	32.7	1
629	10	468	37.3696	88.4458	-876.0	MCL	4.69	0.60	1.22	0.0	0.0	3.844	1358.	50.	9.	757.6	32.7	1
630	10	476	37.3696	88.4465	-877.7	MCL	4.99	1.36	1.06	0.0	0.0	4.702	1359.	52.	9.	757.6	32.8	1
631	0	472	37.3696	88.4472	-878.7	MCL	5.09	2.65	1.17	0.522	2.261	4.334	1417.	35.	12.	756.6	32.8	1
632	0	476	37.3696	88.4479	-878.7	MCL	6.85	1.82	1.17	0.265	1.553	5.858	1367.	51.	13.	755.5	32.8	1
633	10	480	37.3696	88.4486	-877.7	MCL	8.68	-0.12	0.93	0.0	0.0	9.353	1271.	37.	12.	757.1	32.8	1
634	10	488	37.3696	88.4493	-879.7	MCL	6.92	1.43	0.80	0.0	0.0	8.602	1253.	37.	9.	758.1	32.8	1
635	0	496	37.3696	88.4500	-881.2	MCL	5.53	1.73	0.71	0.314	2.428	7.745	1162.	42.	8.	757.1	32.8	1
636	10	476	37.3696	88.4507	-879.5	MCL	8.65	0.50	0.91	0.0	0.0	9.529	1200.	30.	7.	755.5	32.8	1

CP 9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
637	10	484	37.3696	88.4514	-881.0	MCL	6.33	1.14	0.71	0.0	0.0	8.891	987.	39.	4.	755.5	32.8	1
638	0	492	37.3696	88.4521	-882.7	MCL	4.65	2.68	0.82	0.577	3.283	5.689	1017.	43.	2.	757.1	32.8	1
639	10	484	37.3696	88.4528	-883.0	MCL	5.52	0.80	1.00	0.0	0.0	5.538	1125.	29.	2.	758.1	32.8	1
640	0	492	37.3696	88.4536	-882.5	MCL	5.86	1.57	0.66	0.268	2.368	8.833	904.	50.	0.	757.1	32.8	1
641	10	508	37.3696	88.4542	-881.2	MCL	5.68	0.17	0.89	0.0	0.0	6.349	993.	34.	0.	756.1	32.7	1
642	0	540	37.3696	88.4550	-882.0	MCL	4.43	3.30	0.65	0.745	5.078	6.813	1042.	32.	0.	756.1	32.7	1
643	0	560	37.3696	88.4556	-885.2	QAL	3.75	1.68	0.85	0.449	1.976	4.403	1071.	32.	0.	756.6	32.7	1
644	0	548	37.3696	88.4563	-886.5	QAL	2.51	3.12	0.93	1.243	3.365	2.707	1081.	44.	0.	757.6	32.7	1
645	10	524	37.3697	88.4571	-884.2	QAL	4.82	0.65	0.86	0.0	0.0	5.611	1074.	45.	0.	757.6	32.7	1
646	0	532	37.3697	88.4578	-885.7	QAL	5.13	1.50	0.97	0.292	1.548	5.293	1113.	46.	0.	755.5	32.8	1
647	10	592	37.3697	88.4585	-884.5	QAL	2.87	1.38	1.08	0.0	0.0	2.665	1144.	50.	0.	755.5	32.8	1
648	0	632	37.3697	88.4592	-885.0	QAL	6.19	2.93	0.99	0.473	2.947	6.226	1302.	34.	0.	756.6	32.8	1
649	0	620	37.3697	88.4599	-887.5	QAL	5.00	2.82	0.92	0.564	3.058	5.424	1293.	35.	0.	757.6	32.8	1
650	0	624	37.3697	88.4606	-889.0	QAL	2.96	4.49	1.21	1.518	3.701	2.438	1325.	41.	0.	757.6	32.8	1
651	0	632	37.3697	88.4613	-889.2	QAL	7.05	2.50	1.35	0.354	1.856	5.237	1394.	49.	0.	754.5	32.9	1
652	0	628	37.3697	88.4620	-891.2	QAL	8.25	2.22	1.20	0.269	1.851	6.886	1483.	40.	0.	754.5	32.9	1
653	10	624	37.3697	88.4628	-891.5	QAL	8.26	1.51	1.21	0.0	0.0	6.830	1559.	34.	0.	756.6	32.9	1
654	10	624	37.3697	88.4635	-892.5	QAL	9.10	1.03	1.47	0.0	0.0	6.180	1548.	43.	0.	757.1	32.9	1
655	10	628	37.3697	88.4641	-893.0	QAL	9.66	1.66	1.76	0.0	0.0	5.479	1667.	37.	0.	756.1	32.9	1
656	0	624	37.3697	88.4649	-891.0	QAL	8.66	3.61	0.99	0.417	3.650	8.753	1681.	45.	0.	755.5	32.9	1
657	10	620	37.3697	88.4655	-891.2	QAL	10.26	0.34	1.45	0.0	0.0	7.076	1616.	46.	0.	756.6	32.9	1
658	0	612	37.3697	88.4663	-895.7	QAL	7.20	3.76	1.37	0.522	2.746	5.264	1667.	39.	0.	757.6	32.9	1
659	0	612	37.3697	88.4670	-894.2	QAL	10.40	3.08	1.76	0.296	1.745	5.898	1819.	30.	0.	756.6	32.9	1
660	0	612	37.3697	88.4677	-893.7	(WATER)	7.26	2.89	1.51	0.398	1.914	4.810	1566.	47.	0.	755.5	32.9	1
661	0	616	37.3698	88.4684	-894.7	(WATER)	5.61	2.95	1.35	0.525	2.190	4.168	1412.	34.	0.	756.6	32.8	1
662	10	628	37.3698	88.4691	-896.2	(WATER)	5.88	1.67	0.66	0.0	0.0	8.945	1055.	50.	5.	757.6	32.8	1
663	10	644	37.3698	88.4698	-897.0	(WATER)	4.02	1.44	0.54	0.0	0.0	7.466	717.	42.	0.	757.6	32.8	1
664	110	644	37.3698	88.4705	-895.2	(WATER)	1.40	0.67	0.37	0.0	0.0	0.0	506.	38.	4.	755.5	32.9	1
665	10	644	37.3698	88.4712	-897.0	(WATER)	3.05	-1.43	0.29	0.0	0.0	10.481	259.	44.	5.	755.5	32.8	1
666	11	644	37.3698	88.4719	-898.5	(WATER)	1.77	0.78	-0.01	0.0	0.0	0.0	160.	39.	2.	758.7	32.8	1
667	111	640	37.3698	88.4726	-897.5	(WATER)	0.10	0.97	-0.02	0.0	0.0	0.0	120.	45.	2.	758.7	32.8	1
668	111	640	37.3698	88.4733	-899.0	(WATER)	0.51	0.11	0.19	0.0	0.0	0.0	133.	28.	1.	755.5	32.8	1
669	111	640	37.3698	88.4740	-900.5	(WATER)	0.91	-0.14	0.14	0.0	0.0	0.0	98.	36.	0.	755.0	32.8	1
670	110	640	37.3698	88.4747	-900.2	(WATER)	0.01	-0.20	0.26	0.0	0.0	0.0	59.	39.	0.	757.1	32.8	1
671	111	644	37.3698	88.4755	-898.2	(WATER)	1.43	-0.45	-0.01	0.0	0.0	0.0	43.	40.	0.	757.1	32.8	1
672	111	644	37.3698	88.4762	-898.5	(WATER)	0.02	-0.34	0.03	0.0	0.0	0.0	28.	29.	0.	756.1	32.8	1
673	111	648	37.3698	88.4769	-898.5	QAL	-0.11	1.00	-0.05	0.0	0.0	0.0	35.	34.	3.	755.0	32.8	1
674	111	648	37.3698	88.4776	-896.2	QAL	0.58	-0.55	-0.01	0.0	0.0	0.0	22.	46.	3.	755.5	32.8	1
675	111	648	37.3698	88.4783	-895.0	QAL	0.04	-1.45	0.14	0.0	0.0	0.0	40.	48.	5.	757.6	32.7	1
676	111	648	37.3698	88.4790	-892.2	QAL	1.18	-0.28	0.08	0.0	0.0	0.0	132.	33.	3.	757.6	32.8	1
677	10	648	37.3698	88.4797	-888.7	QAL	1.70	-1.58	0.20	0.0	0.0	8.334	238.	46.	7.	755.0	32.8	1
678	110	648	37.3698	88.4804	-888.0	QAL	0.98	-1.33	0.52	0.0	0.0	0.0	393.	34.	7.	755.0	32.8	1
679	10	648	37.3698	88.4811	-891.5	QAL	2.56	1.30	0.38	0.0	0.0	6.760	710.	35.	3.	757.1	32.8	1
680	10	628	37.3698	88.4818	-897.2	QAL	3.65	-1.05	1.00	0.0	0.0	3.646	941.	50.	1.	757.1	32.8	1
681	0	632	37.3698	88.4825	-901.5	QAL	4.13	1.94	1.04	0.469	1.866	3.977	1076.	40.	4.	756.1	32.8	1
682	10	632	37.3698	88.4833	-903.7	QAL	5.47	-0.46	1.26	0.0	0.0	4.343	1270.	36.	5.	755.5	32.8	1
683	0	612	37.3698	88.4840	-907.7	QAL	3.97	3.27	1.04	0.825	3.146	3.814	1188.	46.	0.	756.6	32.8	1
684	0	588	37.3698	88.4847	-908.7	QAL	4.79	2.34	0.81	0.488	2.907	5.951	1229.	35.	2.	758.7	32.8	1
685	0	608	37.3698	88.4854	-909.7	QAL	7.07	1.81	0.82	0.256	2.212	8.652	1231.	39.	0.	757.6	32.8	1
686	0	628	37.3698	88.4861	-911.7	QAL	6.61	3.04	0.71	0.460	4.294	9.337	1283.	32.	0.	754.5	32.8	1
687	0	628	37.3698	88.4868	-910.7	QAL	6.41	3.98	0.75	0.621	5.314	8.553	1250.	49.	0.	754.5	32.8	1
688	0	628	37.3698	88.4875	-904.0	QAL	5.46	2.04	1.14	0.373	1.795	4.810	1304.	38.	1.	757.6	32.8	1
689	0	616	37.3698	88.4882	-897.0	QAL	7.06	2.13	1.08	0.301	1.977	6.565	1315.	35.	1.	757.6	32.7	1

CP9 LP12

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
690	0	616	37.3698	88.4889	-893.0	QAL	5.64	3.59	0.88	0.636	4.087	6.425	1200.	45.	0.	755.5	32.8	1
691	10	620	37.3698	88.4897	-893.2	QAL	6.52	0.89	1.28	0.0	0.0	5.080	1195.	49.	3.	755.5	32.7	1
692	0	644	37.3698	88.4903	-902.2	QAL	4.67	2.53	0.92	0.541	2.737	5.058	1208.	40.	0.	757.6	32.7	1
693	10	652	37.3699	88.4910	-912.2	QAL	4.65	1.37	0.81	0.0	0.0	5.700	1198.	38.	2.	756.6	32.7	1
694	0	640	37.3699	88.4917	-916.0	QAL	5.45	1.93	1.52	0.354	1.267	3.581	1393.	36.	1.	755.5	32.7	1
695	10	604	37.3699	88.4924	-917.2	QAL	6.67	1.01	1.20	0.0	0.0	5.555	1292.	39.	0.	755.5	32.7	1
696	0	596	37.3699	88.4932	-919.2	QAL	5.73	2.51	0.97	0.439	2.585	5.894	1196.	38.	1.	756.6	32.7	1
697	0	640	37.3699	88.4939	-918.0	QAL	6.76	2.50	1.23	0.370	2.028	5.480	1428.	33.	2.	757.1	32.7	1
698	0	644	37.3699	88.4945	-916.7	QAL	6.54	3.36	0.90	0.514	3.719	7.229	1353.	39.	3.	755.5	32.7	1
699	0	656	37.3699	88.4952	-918.5	QAL	6.04	1.90	1.27	0.314	1.496	4.761	1441.	36.	0.	754.5	32.8	1
700	0	652	37.3699	88.4960	-920.7	QAL	6.19	4.54	0.93	0.735	4.865	6.624	1415.	36.	3.	755.5	32.8	1
701	0	644	37.3699	88.4967	-918.2	QAL	5.54	2.47	1.06	0.447	2.321	5.199	1477.	45.	4.	757.1	32.8	1
702	10	628	37.3699	88.4974	-918.0	QAL	3.94	1.68	1.18	0.0	0.0	3.325	1404.	33.	6.	756.1	32.9	1
703	10	584	37.3699	88.4981	-919.7	QAL	6.08	0.68	1.04	0.0	0.0	5.864	1252.	51.	6.	755.0	32.9	1
704	0	612	37.3699	88.4988	-921.0	QAL	5.97	2.12	0.92	0.355	2.307	6.500	1410.	35.	5.	756.6	32.9	1
705	10	612	37.3699	88.4995	-918.5	QAL	7.92	1.76	1.27	0.0	0.0	6.259	1476.	34.	1.	757.6	32.9	1
706	0	608	37.3699	88.5002	-918.2	QAL	7.00	2.27	1.35	0.325	1.681	5.176	1382.	48.	1.	756.1	32.9	1
707	0	608	37.3699	88.5009	-921.5	QAL	8.70	2.28	1.14	0.262	2.006	7.642	1483.	43.	0.	755.0	32.9	1
708	0	604	37.3699	88.5017	-921.0	QAL	7.42	3.49	0.92	0.470	3.804	8.093	1415.	41.	0.	756.1	32.9	1
709	10	592	37.3699	88.5024	-919.5	QAL	8.32	1.71	1.14	0.0	0.0	7.275	1333.	44.	0.	757.1	32.9	1
710	10	572	37.3699	88.5031	-921.2	QAL	7.45	0.99	0.83	0.0	0.0	8.937	1232.	41.	0.	757.1	32.9	1
711	0	564	37.3699	88.5037	-923.0	QAL	5.78	2.20	0.76	0.381	2.892	7.601	1128.	39.	0.	756.1	32.9	1
712	0	560	37.3699	88.5045	-922.7	QAL	5.67	2.69	0.73	0.475	3.695	7.784	1102.	26.	0.	756.1	32.9	1
713	10	552	37.3699	88.5052	-924.0	QAL	5.10	1.44	0.81	0.0	0.0	6.336	1005.	48.	0.	756.1	32.9	1
714	0	556	37.3699	88.5059	-922.7	QAL	6.08	1.61	0.68	0.264	2.363	8.949	1080.	41.	0.	757.1	32.9	1
715	0	564	37.3699	88.5066	-923.0	QAL	6.31	2.75	0.73	0.436	3.769	8.650	1174.	31.	0.	756.1	32.9	1
716	10	568	37.3700	88.5073	-925.5	QAL	7.00	0.51	0.98	0.0	0.0	7.105	1248.	40.	2.	755.0	32.9	1
717	0	572	37.3700	88.5080	-928.2	QAL	4.94	2.18	0.97	0.441	2.248	5.101	1156.	44.	0.	755.5	32.9	1
718	0	568	37.3700	88.5087	-928.5	QAL	4.17	1.60	1.13	0.383	1.416	3.697	1152.	40.	1.	756.6	33.0	1
719	10	564	37.3700	88.5094	-928.0	QAL	5.31	1.34	0.78	0.0	0.0	6.803	1125.	38.	1.	756.6	33.0	1
720	0	500	37.3700	88.5101	-927.0	MCL	5.39	1.60	0.70	0.297	2.284	7.680	1060.	37.	3.	755.5	33.0	1
721	10	440	37.3700	88.5108	-927.2	MCL	5.17	0.97	0.82	0.0	0.0	6.282	988.	33.	0.	755.5	33.0	1
722	10	424	37.3700	88.5115	-929.2	MCL	5.19	1.16	0.93	0.0	0.0	5.575	967.	53.	0.	756.6	32.9	1
723	0	444	37.3700	88.5122	-932.0	MCL	6.01	1.98	0.72	0.329	2.758	8.375	1050.	49.	0.	757.1	32.9	1
724	0	456	37.3700	88.5129	-935.0	MCL	7.07	1.79	1.15	0.253	1.559	6.161	1216.	42.	0.	756.1	32.9	1
725	0	460	37.3700	88.5137	-935.0	MCL	8.18	1.73	0.92	0.211	1.878	8.895	1373.	37.	0.	755.5	32.9	1
726	0	464	37.3700	88.5144	-934.7	MCL	7.99	1.56	0.91	0.195	1.717	8.802	1391.	49.	1.	756.6	32.9	1
727	10	464	37.3700	88.5151	-937.7	MCL	9.22	0.23	1.16	0.0	0.0	7.963	1396.	42.	0.	757.6	32.9	1
728	0	468	37.3700	88.5158	-937.5	MCL	4.99	3.56	1.00	0.713	3.555	4.984	1499.	39.	0.	757.6	32.9	1
729	0	464	37.3700	88.5165	-937.0	MCL	8.70	2.13	0.86	0.245	2.477	10.101	1383.	44.	1.	755.5	32.8	1
730	0	460	37.3700	88.5172	-938.2	MCL	5.66	2.57	1.09	0.454	2.348	5.172	1399.	35.	1.	756.6	32.8	1
731	0	468	37.3700	88.5179	-938.7	MCL	5.36	2.58	1.10	0.482	2.353	4.882	1381.	39.	0.	758.7	32.8	1
732	0	472	37.3700	88.5186	-937.5	MCL	5.71	1.81	1.26	0.317	1.438	4.537	1401.	34.	3.	757.6	32.9	1
733	0	480	37.3700	88.5193	-937.0	MCL	9.56	2.64	1.13	0.276	2.335	8.456	1516.	29.	2.	756.6	32.9	1
734	0	480	37.3700	88.5200	-935.7	MCL	7.14	2.84	1.33	0.398	2.143	5.378	1489.	50.	0.	756.6	32.8	1
735	0	488	37.3700	88.5207	-939.0	MCL	5.26	4.32	1.16	0.822	3.724	4.531	1479.	45.	3.	757.6	32.9	1
736	10	492	37.3700	88.5215	-939.7	MCL	7.27	1.31	1.21	0.0	0.0	5.991	1452.	35.	2.	757.6	32.9	1
737	0	484	37.3700	88.5222	-938.5	MCU	6.68	3.61	0.93	0.541	3.872	7.159	1409.	27.	0.	756.6	32.9	1
738	0	484	37.3700	88.5229	-940.2	MCU	6.12	3.18	0.83	0.519	3.840	7.405	1433.	46.	0.	755.5	32.9	1
739	0	492	37.3700	88.5236	-939.2	MCU	7.28	2.08	1.11	0.286	1.872	6.547	1396.	39.	0.	757.6	32.9	1
740	0	488	37.3700	88.5242	-937.0	MCU	7.42	1.77	1.02	0.239	1.742	7.284	1408.	54.	0.	758.7	32.9	1
741	0	484	37.3700	88.5250	-941.0	MCU	7.64	3.23	1.04	0.422	3.092	7.326	1462.	29.	0.	756.6	32.8	1
742	0	480	37.3700	88.5257	-942.0	MCU	10.38	2.49	0.72	0.240	3.485	14.514	1496.	39.	0.	755.5	32.8	1

CP9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
743	0	480	37.3700	88.5264	-941.0	MCU	7.39	2.16	1.23	0.292	1.754	6.006	1553.	42.	0.	756.6	32.9	1
744	0	484	37.3700	88.5271	-942.0	MCU	7.77	3.58	0.84	0.460	4.272	9.281	1498.	52.	0.	758.7	32.9	1
745	0	488	37.3700	88.5278	-942.2	MCU	7.04	3.26	0.85	0.463	3.822	8.259	1502.	36.	0.	757.6	32.8	1
746	0	488	37.3700	88.5285	-943.2	MCU	8.26	2.08	1.18	0.252	1.770	7.022	1538.	36.	2.	755.5	32.8	1
747	10	480	37.3700	88.5292	-944.2	MCU	6.85	1.43	1.29	0.0	0.0	5.311	1445.	37.	3.	755.5	32.8	1
748	0	468	37.3700	88.5299	-942.7	MCU	5.92	3.80	0.88	0.642	4.326	6.741	1419.	45.	4.	757.1	32.8	1
749	0	460	37.3700	88.5306	-942.7	MCU	6.34	1.92	1.03	0.303	1.862	6.138	1416.	42.	5.	758.1	32.8	1
750	0	416	37.3701	88.5314	-944.0	MCU	5.15	3.29	0.69	0.639	4.735	7.414	1253.	38.	0.	757.1	32.8	1
751	0	408	37.3701	88.5320	-943.0	MCU	6.55	1.88	0.75	0.287	2.522	8.776	1206.	47.	0.	755.0	32.7	1
752	0	420	37.3701	88.5327	-940.0	MCU	6.47	2.91	0.94	0.449	3.100	6.902	1348.	47.	1.	757.1	32.8	1
753	0	424	37.3701	88.5334	-943.0	MCU	6.82	2.08	0.95	0.305	2.200	7.212	1354.	44.	0.	758.1	32.7	1
754	0	424	37.3701	88.5342	-948.7	MCU	7.46	1.45	1.32	0.194	1.099	5.666	1427.	29.	0.	756.1	32.8	1
755	0	432	37.3701	88.5349	-948.5	MCU	6.78	3.01	0.94	0.444	3.193	7.196	1444.	47.	0.	755.0	32.8	1
756	0	424	37.3701	88.5356	-946.0	MCU	3.41	4.12	0.96	1.208	4.267	3.533	1428.	45.	0.	756.6	32.8	1
757	0	420	37.3701	88.5363	-946.5	MCU	7.50	2.89	0.96	0.385	3.011	7.816	1425.	48.	0.	757.6	32.8	1
758	10	424	37.3701	88.5370	-946.0	MCU	8.53	0.41	1.14	0.0	0.0	7.510	1421.	40.	1.	756.6	32.8	1
759	0	412	37.3701	88.5377	-946.5	MCU	6.43	2.09	0.91	0.324	2.293	7.074	1254.	46.	4.	755.5	32.8	1
760	0	400	37.3701	88.5384	-947.2	MCU	7.22	1.72	0.89	0.238	1.936	8.144	1264.	30.	3.	756.6	32.8	1
761	0	376	37.3701	88.5391	-947.2	MCU	4.98	1.91	0.79	0.384	2.420	6.307	1125.	38.	4.	757.6	32.8	1
762	0	376	37.3701	88.5399	-947.0	MCU	5.10	2.60	0.79	0.510	3.288	6.452	1215.	38.	1.	756.6	32.8	1
763	0	392	37.3701	88.5406	-947.0	MCU	6.44	2.88	0.93	0.447	3.087	6.905	1279.	32.	1.	755.5	32.9	1
764	0	416	37.3701	88.5412	-948.5	MCU	5.19	1.92	1.22	0.369	1.571	4.260	1415.	41.	3.	757.6	32.9	1
765	0	412	37.3701	88.5420	-950.5	MCU	7.00	1.55	1.08	0.221	1.434	6.482	1499.	38.	2.	758.1	32.9	1
766	0	404	37.3701	88.5427	-950.2	MCU	8.33	2.58	1.03	0.310	2.504	8.085	1501.	47.	0.	756.1	32.9	1
767	0	408	37.3701	88.5434	-949.2	MCU	8.02	2.66	0.87	0.332	3.049	9.183	1519.	38.	0.	756.1	32.9	1
768	0	416	37.3701	88.5441	-950.5	MCU	6.19	1.32	1.02	0.213	1.295	6.081	1415.	44.	2.	757.6	32.9	1
769	0	432	37.3701	88.5448	-953.0	MCU	7.01	3.02	0.96	0.431	3.145	7.292	1457.	51.	0.	756.6	32.9	1
770	0	432	37.3701	88.5454	-953.0	MCU	8.06	2.95	1.12	0.365	2.641	7.227	1501.	42.	0.	754.5	32.9	1
771	10	424	37.3701	88.5462	-952.7	MCU	6.12	1.13	1.10	0.0	0.0	5.567	1329.	37.	0.	755.5	32.9	1
772	0	424	37.3701	88.5468	-952.0	MCU	7.17	1.68	1.15	0.235	1.467	6.249	1292.	29.	0.	757.6	32.9	1
773	0	404	37.3701	88.5475	-949.7	MCU	6.74	2.01	0.94	0.299	2.142	7.175	1228.	36.	0.	757.6	32.9	1
774	10	416	37.3701	88.5481	-951.5	MCU	5.67	0.94	1.11	0.0	0.0	5.093	1362.	49.	0.	755.5	32.9	1
775	0	416	37.3701	88.5488	-954.0	MCU	7.72	2.80	1.11	0.362	2.524	6.962	1499.	37.	0.	757.6	32.9	1
776	0	404	37.3701	88.5494	-953.5	MCU	6.33	3.44	1.18	0.543	2.902	5.347	1470.	46.	0.	758.7	32.9	1
777	0	392	37.3701	88.5502	-953.2	MCU	8.70	2.77	0.92	0.319	3.002	9.424	1451.	40.	0.	756.6	32.9	1
778	0	384	37.3701	88.5508	-955.2	MCU	6.78	1.62	0.87	0.239	1.858	7.772	1346.	35.	5.	757.1	32.9	1
779	10	412	37.3701	88.5514	-956.5	MCU	7.41	0.58	1.04	0.0	0.0	7.158	1417.	32.	7.	758.1	32.9	1
780	0	412	37.3701	88.5520	-955.0	MCU	5.02	4.12	0.77	0.822	5.330	6.484	1332.	44.	5.	755.5	32.9	1
781	0	396	37.3700	88.5527	-954.0	MCU	6.43	2.63	0.77	0.408	3.418	8.374	1368.	34.	8.	755.5	32.9	1
782	10	392	37.3700	88.5534	-955.0	MCU	4.83	1.18	1.13	0.0	0.0	4.257	1275.	44.	7.	757.6	32.9	1
783	0	408	37.3700	88.5541	-955.2	MCU	5.01	1.84	0.90	0.367	2.045	5.577	1197.	35.	9.	755.5	32.9	1
784	10	436	37.3700	88.5547	-956.5	MCU	6.30	0.05	0.94	0.0	0.0	6.694	1195.	49.	9.	755.5	32.9	1
785	10	448	37.3700	88.5554	-956.5	MCU	7.56	1.00	1.00	0.0	0.0	7.534	1265.	31.	5.	757.6	32.9	1
786	0	456	37.3700	88.5560	-956.0	MCU	5.85	3.24	0.94	0.554	3.459	6.248	1295.	50.	5.	756.6	32.9	1
787	0	436	37.3700	88.5567	-956.0	MCU	6.36	2.67	0.71	0.419	3.736	8.915	1217.	47.	1.	755.5	32.9	1
788	0	448	37.3700	88.5573	-956.2	MCU	6.41	2.32	1.11	0.362	2.098	5.787	1395.	39.	0.	757.6	32.9	1
789	0	452	37.3700	88.5581	-954.7	MCU	6.73	1.83	0.99	0.272	1.848	6.788	1416.	35.	1.	757.6	32.9	1
790	0	416	37.3700	88.5587	-955.0	MCU	6.30	1.60	1.13	0.254	1.411	5.557	1328.	30.	1.	755.5	32.9	1
791	0	400	37.3699	88.5593	-955.2	MCU	5.09	2.38	0.79	0.468	3.007	6.425	1265.	44.	0.	756.6	32.9	1
792	0	404	37.3699	88.5600	-956.7	MCU	5.28	2.96	0.86	0.561	3.441	6.134	1275.	42.	0.	758.7	32.9	1
793	0	424	37.3699	88.5606	-957.2	MCU	7.24	3.15	1.09	0.435	2.877	6.613	1500.	41.	0.	756.6	32.9	1
794	0	456	37.3699	88.5613	-956.5	MCU	8.01	1.87	1.46	0.233	1.279	5.481	1661.	38.	0.	755.5	32.9	1
795	0	452	37.3699	88.5620	-955.2	MCU	9.08	2.09	1.33	0.230	1.572	6.842	1509.	43.	0.	758.7	32.9	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
796	0	444	37.3699	88.5627	-957.5	MCU	7.39	4.65	0.79	0.630	5.907	9.384	1574.	41.	0.	758.7	32.9	1
797	10	432	37.3699	88.5633	-958.5	MCU	8.36	0.96	1.19	0.0	0.0	7.000	1536.	36.	3.	755.5	32.8	1
798	0	428	37.3699	88.5639	-956.7	MCU	9.90	2.57	0.87	0.259	2.962	11.423	1519.	40.	0.	757.6	32.9	1
799	0	428	37.3699	88.5646	-957.0	MCU	7.46	2.09	0.97	0.280	2.165	7.722	1428.	44.	4.	759.2	32.8	1
800	0	436	37.3699	88.5652	-958.2	MCU	6.21	2.34	1.06	0.378	2.209	5.851	1371.	47.	6.	756.1	32.9	1
801	10	420	37.3699	88.5659	-959.5	MCU	6.89	1.00	1.17	0.0	0.0	5.905	1273.	47.	5.	756.1	32.9	1
802	10	412	37.3698	88.5666	-958.0	MCU	6.50	0.25	0.87	0.0	0.0	7.499	1260.	36.	6.	758.1	32.9	1
803	0	432	37.3698	88.5672	-959.7	MCU	5.99	1.68	0.91	0.281	1.844	6.559	1263.	44.	4.	757.1	32.8	1
804	10	452	37.3698	88.5679	-960.5	MCU	5.10	1.26	0.94	0.0	0.0	5.431	1331.	39.	4.	756.1	32.8	1
805	0	456	37.3698	88.5685	-958.0	MCU	6.18	2.94	0.86	0.476	3.413	7.170	1330.	37.	0.	758.1	32.8	1
806	0	460	37.3698	88.5692	-957.7	MCU	4.95	2.24	0.99	0.452	2.256	4.993	1266.	41.	0.	758.1	32.8	1
807	0	464	37.3698	88.5699	-958.5	MCU	4.78	2.94	0.72	0.616	4.098	6.654	1252.	33.	0.	756.1	32.8	1
808	0	456	37.3698	88.5706	-958.5	MCU	4.95	1.88	0.96	0.379	1.962	5.178	1122.	39.	0.	756.6	32.8	1
809	0	460	37.3698	88.5712	-958.5	MCU	3.93	3.10	0.65	0.789	4.762	6.038	1046.	34.	0.	757.6	32.8	1
810	0	476	37.3698	88.5718	-958.5	MCU	4.79	2.74	0.51	0.571	5.380	9.417	1018.	30.	0.	756.1	32.9	1
811	0	476	37.3698	88.5725	-960.7	MCU	3.86	1.81	0.90	0.469	2.009	4.282	1015.	38.	2.	756.1	32.9	1
812	10	492	37.3697	88.5731	-960.2	MCU	4.38	0.51	0.83	0.0	0.0	5.266	1001.	38.	5.	758.1	32.8	1
813	0	492	37.3697	88.5739	-959.5	MCU	3.44	1.50	0.64	0.436	2.329	5.346	953.	39.	6.	756.6	32.9	1
814	0	476	37.3697	88.5745	-959.5	MCU	4.20	3.49	0.33	0.832	10.458	12.570	1042.	32.	1.	755.5	32.9	1
815	0	468	37.3697	88.5752	-961.0	MCU	2.68	1.59	1.00	0.593	1.581	2.667	1076.	31.	8.	757.6	32.9	1
816	0	468	37.3697	88.5758	-960.7	MCU	3.48	1.79	0.89	0.514	2.015	3.920	1048.	38.	5.	757.6	32.9	1
817	10	448	37.3697	88.5765	-961.2	MCU	6.14	-0.19	0.86	0.0	0.0	7.127	1022.	48.	8.	756.1	32.9	1
818	0	424	37.3697	88.5771	-960.5	MCU	5.26	1.98	0.77	0.376	2.570	6.825	1190.	38.	3.	757.1	32.9	1
819	10	444	37.3697	88.5779	-960.5	MCU	4.48	1.27	0.90	0.0	0.0	5.004	1337.	29.	7.	758.1	32.9	1
820	0	432	37.3697	88.5785	-962.0	MCU	5.81	2.77	0.89	0.476	3.123	6.560	1396.	50.	3.	756.1	32.9	1
821	10	428	37.3697	88.5791	-961.0	MCU	6.80	0.95	1.31	0.0	0.0	5.176	1540.	37.	3.	757.1	32.9	1
822	0	428	37.3696	88.5798	-960.5	MCU	8.21	2.34	1.22	0.285	1.919	6.737	1486.	43.	0.	758.1	32.9	1
823	10	424	37.3696	88.5804	-961.5	MCU	5.69	0.65	1.25	0.0	0.0	4.562	1397.	37.	6.	757.1	32.9	1
824	10	416	37.3697	88.5811	-962.0	MCU	5.82	1.28	1.10	0.0	0.0	5.268	1433.	48.	2.	755.5	32.9	1
825	0	404	37.3697	88.5817	-963.0	MCU	7.17	3.35	0.75	0.467	4.455	9.535	1441.	52.	3.	756.6	32.9	1
826	10	436	37.3697	88.5824	-962.5	MCU	8.55	0.50	1.47	0.0	0.0	5.837	1525.	38.	5.	757.6	32.9	1
827	0	424	37.3696	88.5831	-963.0	MCU	8.69	2.56	0.93	0.294	2.737	9.294	1535.	44.	1.	755.5	32.9	1
828	0	416	37.3696	88.5837	-964.2	MCU	8.92	2.25	0.99	0.252	2.272	9.001	1617.	36.	1.	754.5	32.9	1
829	0	412	37.3696	88.5844	-964.0	MCU	7.08	2.96	1.22	0.418	2.420	5.792	1511.	43.	0.	757.6	32.9	1
830	0	416	37.3696	88.5850	-962.0	MCU	8.28	2.40	1.12	0.289	2.138	7.392	1572.	46.	0.	757.6	32.9	1
831	0	412	37.3696	88.5857	-963.2	MCU	9.05	2.25	1.08	0.248	2.084	8.387	1453.	54.	0.	755.5	32.9	1
832	0	420	37.3696	88.5864	-962.7	MCU	5.51	3.96	0.86	0.719	4.626	6.430	1511.	48.	0.	757.1	32.9	1
833	0	424	37.3696	88.5870	-962.7	MCU	5.60	2.61	0.99	0.466	2.644	5.669	1371.	36.	3.	758.1	32.9	1
834	0	432	37.3696	88.5877	-965.0	MCU	6.09	3.11	0.93	0.510	3.358	6.587	1330.	50.	0.	756.1	32.9	1
835	0	424	37.3696	88.5883	-963.7	MCU	5.35	2.61	0.89	0.489	2.928	5.994	1176.	39.	2.	757.1	32.9	1
836	0	440	37.3696	88.5890	-963.7	MCU	3.86	2.01	0.88	0.521	2.287	4.390	1080.	40.	4.	758.7	32.9	1
837	0	468	37.3696	88.5896	-966.0	MCU	6.94	2.57	0.74	0.371	3.495	9.432	1177.	37.	1.	756.6	32.9	1
838	0	484	37.3695	88.5903	-964.7	MCU	5.04	2.20	0.56	0.436	3.891	8.929	1076.	44.	4.	755.5	32.9	1
839	10	536	37.3695	88.5910	-964.2	MCU	7.05	1.12	0.73	0.0	0.0	9.661	1222.	35.	6.	757.6	32.9	1
840	0	560	37.3695	88.5916	-965.7	MCU	5.60	2.81	0.97	0.502	2.901	5.782	1315.	34.	5.	756.6	32.9	1
841	0	580	37.3695	88.5923	-965.7	MCU	5.50	4.26	0.82	0.775	5.188	6.699	1225.	49.	3.	755.5	32.9	1
842	0	584	37.3695	88.5929	-965.2	MCU	5.61	3.32	0.46	0.592	7.294	12.316	1400.	49.	4.	757.6	32.9	1
843	0	584	37.3695	88.5936	-964.5	MCU	4.53	1.84	1.05	0.406	1.743	4.293	1334.	44.	3.	759.2	32.9	1
844	0	588	37.3695	88.5943	-964.7	MCU	7.26	3.31	0.95	0.456	3.505	7.683	1365.	39.	4.	756.1	32.9	1
845	10	592	37.3695	88.5949	-966.7	MCU	7.50	1.71	1.08	0.0	0.0	6.924	1459.	37.	1.	755.0	32.9	1
846	10	564	37.3695	88.5956	-966.5	MCU	8.86	1.28	0.99	0.0	0.0	8.933	1383.	37.	2.	757.6	32.9	1
847	0	544	37.3695	88.5963	-965.5	MCU	6.50	2.82	1.09	0.433	2.579	5.949	1294.	37.	0.	757.6	32.9	1
848	0	556	37.3694	88.5968	-966.7	MCU	6.50	3.73	1.27	0.573	2.939	5.128	1444.	39.	0.	756.1	32.9	1

CP9 IP12

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
849	0	560	37.3694	88.5975	-967.5	MCU	7.56	3.18	1.06	0.421	3.000	7.131	1420.	45.	0.	757.1	32.9	1
850	0	564	37.3694	88.5982	-967.0	MCU	7.62	2.70	0.90	0.354	2.989	8.437	1448.	47.	0.	758.1	32.9	1
851	10	560	37.3694	88.5989	-968.2	QAL	8.38	1.33	1.24	0.0	0.0	6.780	1391.	47.	0.	756.1	32.9	1
852	0	556	37.3694	88.5995	-968.2	QAL	5.89	1.65	1.28	0.280	1.293	4.613	1354.	48.	1.	755.5	32.9	1
853	0	556	37.3694	88.6002	-967.0	QAL	6.23	2.75	0.78	0.442	3.507	7.939	1399.	39.	0.	757.6	32.9	1
854	0	560	37.3694	88.6009	-967.0	QAL	8.06	2.92	1.28	0.362	2.283	6.309	1426.	34.	2.	757.6	32.9	1
855	0	548	37.3694	88.6015	-968.7	QAL	7.72	3.27	1.03	0.423	3.173	7.504	1417.	38.	0.	755.5	32.8	1
856	0	548	37.3694	88.6022	-970.2	QAL	6.16	2.39	0.83	0.388	2.862	7.380	1458.	40.	0.	756.6	32.8	1
857	0	532	37.3694	88.6029	-969.5	QAL	7.84	2.54	0.74	0.324	3.431	10.601	1349.	36.	0.	757.6	32.8	1
858	0	544	37.3694	88.6035	-969.7	QAL	7.08	2.19	1.05	0.309	2.073	6.708	1395.	29.	6.	756.1	32.8	1
859	10	588	37.3693	88.6041	-971.0	QAL	5.75	1.23	1.04	0.0	0.0	5.546	1374.	57.	5.	756.1	32.8	1
860	10	608	37.3693	88.6048	-970.2	QAL	6.98	1.12	1.20	0.0	0.0	5.806	1420.	37.	5.	758.1	32.8	1
861	0	608	37.3693	88.6054	-969.0	QAL	7.04	2.53	0.98	0.359	2.566	7.153	1443.	31.	2.	757.1	32.8	1
862	10	612	37.3693	88.6062	-971.0	QAL	7.88	1.54	0.93	0.0	0.0	8.446	1453.	39.	7.	755.5	32.8	1
863	0	612	37.3693	88.6068	-972.2	QAL	7.84	4.03	0.62	0.514	6.520	12.684	1423.	36.	3.	757.6	32.8	1
864	10	608	37.3693	88.6075	-971.0	QAL	5.17	0.59	1.26	0.0	0.0	4.097	1386.	36.	8.	758.7	32.8	1
865	10	592	37.3693	88.6081	-971.0	QAL	6.24	1.41	0.87	0.0	0.0	7.215	1279.	53.	7.	755.5	32.8	1
866	0	556	37.3693	88.6088	-972.0	QAL	6.25	2.49	0.60	0.399	4.142	10.388	1197.	38.	1.	756.6	32.8	1
867	0	556	37.3693	88.6094	-971.7	QAL	6.65	2.53	0.77	0.380	3.274	8.620	1281.	38.	0.	758.7	32.8	1
868	10	556	37.3693	88.6102	-973.2	QAL	5.40	0.97	1.05	0.0	0.0	5.167	1219.	39.	1.	756.1	32.8	1
869	0	552	37.3692	88.6107	-973.7	QAL	5.64	2.53	1.02	0.448	2.477	5.532	1176.	38.	0.	755.0	32.8	1
870	0	564	37.3692	88.6114	-972.2	QAL	5.15	2.56	0.95	0.497	2.693	5.415	1251.	41.	0.	758.1	32.8	1
871	10	560	37.3692	88.6120	-974.7	QAL	7.89	1.22	1.15	0.0	0.0	6.884	1338.	38.	0.	757.6	32.8	1
872	0	556	37.3692	88.6127	-973.5	QAL	7.31	2.22	0.98	0.303	2.261	7.453	1313.	48.	1.	755.5	32.8	1
873	0	556	37.3692	88.6134	-975.5	MCU	7.07	3.64	0.83	0.514	4.400	8.556	1337.	53.	0.	757.1	32.8	1
874	0	596	37.3692	88.6140	-978.2	MCU	7.23	2.38	1.02	0.329	2.327	7.070	1373.	49.	1.	758.1	32.8	1
875	0	612	37.3692	88.6147	-977.0	MCU	6.73	2.57	1.11	0.381	2.308	6.053	1498.	51.	0.	756.1	32.8	1
876	10	608	37.3692	88.6154	-975.2	MCU	5.53	1.54	0.96	0.0	0.0	5.793	1379.	59.	0.	756.6	32.8	1
877	0	600	37.3692	88.6160	-978.5	MCU	6.05	3.68	1.19	0.609	3.090	5.073	1455.	40.	0.	758.7	32.8	1
878	0	588	37.3692	88.6167	-978.0	MCU	6.35	3.26	0.90	0.513	3.634	7.078	1352.	45.	0.	756.1	32.8	1
879	0	532	37.3691	88.6173	-977.2	MCU	5.35	3.59	1.15	0.671	3.126	4.661	1283.	32.	0.	755.0	32.8	1
880	0	540	37.3691	88.6180	-980.5	MCU	5.78	4.88	0.63	0.844	7.725	9.148	1301.	37.	0.	758.1	32.8	1
881	10	572	37.3691	88.6187	-978.7	MCU	7.61	0.80	1.36	0.0	0.0	5.599	1338.	42.	0.	757.6	32.8	1
882	0	572	37.3691	88.6193	-977.0	MCU	7.13	3.28	1.00	0.460	3.301	7.169	1458.	39.	0.	755.5	32.8	1
883	0	584	37.3691	88.6200	-980.7	MCU	7.89	3.57	0.92	0.452	3.858	8.540	1523.	37.	0.	757.1	32.7	1
884	0	584	37.3691	88.6206	-980.5	MCU	7.23	2.98	0.91	0.412	3.260	7.919	1451.	28.	0.	758.1	32.8	1
885	0	592	37.3691	88.6213	-979.7	MCU	6.96	5.27	0.71	0.758	7.479	9.871	1535.	34.	0.	756.1	32.8	1
886	10	596	37.3691	88.6219	-981.5	MCU	5.93	1.62	1.06	0.0	0.0	5.598	1460.	41.	0.	756.1	32.8	1
887	0	596	37.3691	88.6227	-979.5	MCU	4.59	2.47	1.36	0.539	1.820	3.377	1494.	31.	0.	758.1	32.8	1
888	10	596	37.3691	88.6232	-980.0	MCU	7.98	1.22	1.33	0.0	0.0	5.983	1510.	32.	0.	756.1	32.8	1
889	0	592	37.3691	88.6239	-983.7	MCU	4.67	3.08	0.96	0.659	3.201	4.859	1445.	38.	0.	756.1	32.8	1
890	0	588	37.3690	88.6246	-982.2	MCU	8.29	3.22	1.12	0.389	2.889	7.430	1484.	39.	0.	757.6	32.8	1
891	0	584	37.3690	88.6252	-982.0	MCU	6.86	2.14	1.08	0.313	1.992	6.370	1523.	49.	3.	755.5	32.8	1
892	10	572	37.3690	88.6259	-984.5	MCU	6.90	0.40	1.48	0.0	0.0	4.663	1474.	38.	7.	755.5	32.8	1
893	0	572	37.3690	88.6266	-983.7	MCU	7.20	5.11	1.24	0.710	4.138	5.827	1529.	37.	4.	757.6	32.8	1
894	10	584	37.3690	88.6272	-984.5	MCU	4.95	1.58	1.25	0.0	0.0	3.955	1469.	48.	8.	756.6	32.9	1
895	10	588	37.3690	88.6279	-985.5	MCU	8.30	-0.70	1.37	0.0	0.0	6.045	1509.	41.	9.	755.5	32.9	1
896	10	588	37.3690	88.6286	-984.0	MCU	7.85	1.14	1.28	0.0	0.0	6.149	1481.	43.	8.	757.6	32.9	1
897	10	592	37.3690	88.6292	-982.7	MCU	8.18	1.35	1.06	0.0	0.0	7.717	1538.	32.	12.	756.6	32.9	1
898	10	596	37.3690	88.6298	-984.2	MCU	7.98	-0.47	1.22	0.0	0.0	6.538	1461.	45.	14.	755.5	32.9	1
899	10	604	37.3690	88.6305	-985.5	MCU	9.36	1.49	0.99	0.0	0.0	9.488	1559.	27.	6.	758.1	32.9	1
900	0	608	37.3689	88.6312	-985.7	MCU	8.87	5.66	0.76	0.638	7.491	11.745	1508.	37.	4.	758.1	32.9	1
901	0	608	37.3690	88.6318	-986.5	QAL	4.01	3.00	0.82	0.747	3.645	4.879	1407.	34.	11.	755.0	32.8	1

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TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
902	10	612	37.3690	88.6325	-987.5	QAL	8.15	0.93	1.18	0.0	0.0	6.924	1436.	53.	6.	756.1	32.9	1
903	10	620	37.3690	88.6331	-987.7	QAL	7.59	1.54	1.39	0.0	0.0	5.480	1487.	34.	5.	757.6	32.8	1
904	10	620	37.3690	88.6338	-986.7	QAL	7.56	0.96	1.10	0.0	0.0	6.864	1454.	36.	4.	755.5	32.8	1
905	0	620	37.3689	88.6345	-987.7	QAL	5.78	4.41	0.72	0.764	6.098	7.986	1419.	46.	0.	755.5	32.8	1
906	10	612	37.3689	88.6352	-988.5	QAL	6.42	0.55	1.26	0.0	0.0	5.076	1339.	40.	1.	757.6	32.9	1
907	10	616	37.3689	88.6358	-988.5	MCU	7.87	0.92	1.38	0.0	0.0	5.692	1414.	38.	0.	755.5	32.9	1
908	0	620	37.3689	88.6364	-989.7	MCU	8.66	3.90	0.62	0.450	6.330	14.068	1403.	32.	1.	754.5	32.9	1
909	0	620	37.3689	88.6371	-988.2	MCU	4.29	4.18	0.75	0.975	5.549	5.694	1317.	36.	0.	757.1	32.9	1
910	0	620	37.3689	88.6377	-989.0	MCU	5.69	2.32	1.24	0.408	1.878	4.600	1356.	48.	0.	756.1	33.0	1
911	10	624	37.3689	88.6385	-990.7	MCU	6.20	1.75	1.08	0.0	0.0	5.720	1400.	40.	0.	754.0	33.0	1
912	0	620	37.3689	88.6391	-990.5	MCU	9.20	2.08	1.14	0.226	1.824	8.084	1448.	41.	0.	757.1	33.0	1
913	0	608	37.3689	88.6398	-990.0	MCU	6.02	2.75	1.31	0.458	2.100	4.589	1474.	40.	0.	757.1	32.9	1
914	0	600	37.3689	88.6404	-992.2	MCU	9.20	2.80	0.94	0.304	2.977	9.800	1469.	34.	0.	755.0	33.0	1
915	0	588	37.3689	88.6411	-994.5	MCU	5.75	2.40	1.05	0.417	2.286	5.480	1381.	40.	3.	756.1	33.0	1
916	10	572	37.3688	88.6417	-994.0	MCU	7.54	1.43	1.05	0.0	0.0	7.207	1411.	36.	0.	756.6	33.0	1
917	0	556	37.3688	88.6424	-993.2	MCU	5.24	2.54	1.12	0.484	2.277	4.700	1403.	41.	0.	755.5	33.0	1
918	0	536	37.3688	88.6430	-992.5	MCU	5.64	3.75	0.96	0.665	3.914	5.888	1358.	45.	0.	756.6	33.0	1
919	0	516	37.3688	88.6437	-990.5	MCU	5.99	2.63	1.11	0.439	2.371	5.397	1368.	38.	0.	756.6	33.0	1
920	0	500	37.3688	88.6443	-993.7	MCU	5.35	1.54	1.10	0.289	1.401	4.855	123[illegible]	48.	0.	755.5	33.0	1
921	0	504	37.3687	88.6450	-996.5	MCU	5.59	1.98	1.01	0.353	1.963	5.553	1377.	38.	1.	757.6	33.0	1
922	0	496	37.3687	88.6457	-993.7	MCU	4.75	4.37	0.99	0.920	4.399	4.781	1429.	41.	0.	757.6	33.0	1
923	0	492	37.3687	88.6463	-993.5	MCU	5.49	1.91	1.05	0.349	1.815	5.205	1470.	38.	0.	755.5	33.0	1
924	0	500	37.3687	88.6470	-996.5	MCU	8.25	1.92	0.97	0.233	1.968	8.458	1416.	46.	2.	758.7	33.0	1
925	0	500	37.3687	88.6477	-993.7	MCU	4.74	4.95	0.99	1.043	4.989	4.782	1480.	34.	2.	757.6	33.0	1
926	0	496	37.3687	88.6483	-993.7	MCU	6.50	3.42	0.82	0.526	4.170	7.921	1413.	39.	3.	754.5	33.0	1
927	0	484	37.3687	88.6489	-996.5	MCU	7.70	2.54	0.89	0.330	2.866	8.693	1459.	42.	4.	756.6	32.8	1
928	0	488	37.3687	88.6496	-997.0	MCU	8.44	2.52	0.68	0.299	3.719	12.453	1374.	39.	5.	757.6	33.0	1
929	10	504	37.3687	88.6502	-994.2	MCU	6.98	0.51	1.36	0.0	0.0	5.111	1332.	45.	9.	755.5	33.0	1
930	10	528	37.3687	88.6510	-993.5	MCU	7.53	0.64	0.95	0.0	0.0	7.924	1433.	36.	4.	757.6	33.0	1
931	10	528	37.3687	88.6516	-993.5	MCU	5.58	1.56	1.36	0.0	0.0	4.099	1446.	48.	5.	756.6	33.0	1
932	0	524	37.3687	88.6523	-994.5	MCU	7.59	3.85	0.83	0.508	4.670	9.197	1455.	36.	0.	755.5	33.0	1
933	10	528	37.3687	88.6529	-994.5	MCU	8.34	1.35	1.14	0.0	0.0	7.305	1485.	38.	1.	757.6	33.0	1
934	0	532	37.3687	88.6536	-996.0	MCU	7.08	2.63	1.24	0.371	2.113	5.691	1509.	31.	0.	756.6	33.0	1
935	0	532	37.3687	88.6542	-997.7	MCU	7.71	3.04	0.87	0.395	3.511	8.896	1400.	39.	0.	756.1	33.0	1
936	0	520	37.3686	88.6549	-997.5	MCU	8.05	2.83	1.09	0.352	2.605	7.404	1428.	50.	0.	758.1	33.0	1
937	0	516	37.3686	88.6556	-996.7	MCU	6.65	3.20	0.83	0.481	3.830	7.965	1369.	38.	0.	757.1	33.0	1
938	0	516	37.3686	88.6562	-997.7	MCU	5.34	2.28	1.00	0.426	2.278	5.347	1313.	39.	0.	756.6	33.0	1
939	0	500	37.3686	88.6569	-997.2	MCU	6.37	1.67	0.89	0.263	1.873	7.127	1361.	48.	0.	757.1	33.0	1
940	0	488	37.3686	88.6575	-997.5	MCU	7.06	2.74	1.00	0.388	2.732	7.035	1375.	36.	0.	756.1	32.9	1
941	0	480	37.3685	88.6582	-997.5	MCU	7.27	2.27	0.92	0.312	2.452	7.866	1435.	32.	0.	756.6	32.9	1
942	0	476	37.3685	88.6589	-998.2	MCU	6.76	2.39	0.96	0.353	2.477	7.007	1464.	45.	1.	757.6	33.0	1
943	0	480	37.3685	88.6595	-999.5	MCU	6.64	1.76	1.12	0.266	1.578	5.942	1387.	46.	4.	757.1	32.9	1
944	0	492	37.3685	88.6602	-999.7	MCU	5.34	3.32	1.08	0.622	3.076	4.948	1436.	39.	1.	756.6	32.9	1
945	0	496	37.3685	88.6609	-998.5	MCU	6.89	2.28	0.90	0.331	2.541	7.665	1403.	46.	7.	755.5	32.9	1
946	0	496	37.3685	88.6614	-999.0	MCU	6.31	2.64	1.21	0.419	2.180	5.206	1399.	43.	6.	756.1	33.0	1
947	10	504	37.3685	88.6621	-998.7	MCU	8.53	0.59	1.20	0.0	0.0	7.126	1426.	24.	3.	755.5	33.0	1
948	0	536	37.3685	88.6628	-998.5	PPCV	7.98	2.38	0.90	0.298	2.639	8.855	1432.	31.	3.	756.1	33.0	1
949	10	548	37.3685	88.6635	-999.5	PPCV	8.71	-0.12	1.37	0.0	0.0	6.333	1446.	51.	5.	756.6	32.9	1
950	10	556	37.3685	88.6641	-1000.7	PPCV	7.19	0.85	0.89	0.0	0.0	8.081	1425.	49.	4.	756.1	32.9	1
951	0	560	37.3685	88.6648	-998.2	PPCV	6.33	4.64	1.03	0.732	4.496	6.141	1442.	45.	2.	756.6	32.9	1
952	10	560	37.3685	88.6654	-998.0	PPCV	10.65	1.31	0.99	0.0	0.0	10.786	1468.	37.	2.	756.1	33.0	1
953	0	544	37.3685	88.6661	-998.5	PPCV	5.96	3.22	1.31	0.539	2.448	4.540	1511.	43.	2.	756.6	32.9	1
954	0	548	37.3685	88.6668	-1000.5	PPCV	7.99	3.23	1.23	0.404	2.629	6.501	1489.	30.	1.	757.6	33.0	1

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*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
955	0	540	37.3685	88.6675	-1000.5	PPCV	6.54	2.42	1.03	0.370	2.343	6.330	1406.	40.	4.	756.1	33.0	1
956	0	552	37.3685	88.6681	-1001.2	PPCV	6.39	2.32	1.15	0.364	2.014	5.534	1412.	47.	0.	756.6	33.0	1
957	10	544	37.3684	88.6687	-1000.2	PPCV	7.35	0.92	1.32	0.0	0.0	5.57[illegible]	1495.	31.	0.	757.1	33.0	1
958	0	540	37.3684	88.6694	-998.0	PPCV	10.71	2.37	1.10	0.221	2.160	9.754	1464.	39.	1.	756.6	33.0	1
959	0	544	37.3684	88.6700	-997.0	PPCV	7.12	2.32	0.91	0.327	2.547	7.797	1407.	35.	1.	757.1	33.0	1
960	0	560	37.3684	88.6707	-997.5	PPCV	7.86	3.06	0.75	0.389	4.064	10.447	1344.	39.	2.	756.6	33.0	1
961	10	580	37.3684	88.6714	-998.7	PPCV	8.04	1.55	1.43	0.0	0.0	5.625	1488.	34.	1.	756.1	32.9	1
962	0	568	37.3683	88.6720	-999.2	QAL	6.11	2.56	1.07	0.418	2.398	5.736	1401.	48.	2.	756.6	32.9	1
963	10	560	37.3683	88.6727	-1000.7	QAL	6.03	1.51	0.77	0.0	0.0	7.844	1320.	42.	4.	756.1	32.9	1
964	0	560	37.3683	88.6734	-998.2	QAL	8.02	1.96	1.05	0.244	1.875	7.669	1412.	52.	0.	756.6	32.9	1
965	0	564	37.3684	88.6740	-999.0	QAL	7.20	3.55	0.97	0.493	3.677	7.452	1372.	38.	0.	756.6	32.9	1
966	0	564	37.3684	88.6747	-1000.0	QAL	7.42	3.23	0.90	0.436	3.613	8.282	1469.	30.	2.	756.6	32.9	1
967	10	568	37.3683	88.6754	-1000.7	QAL	8.23	1.74	1.08	0.0	0.0	7.619	1429.	41.	3.	757.1	32.9	1
968	0	580	37.3683	88.6760	-1000.5	QAL	5.94	2.84	1.01	0.479	2.827	5.908	1514.	38.	0.	757.1	32.9	1
969	10	580	37.3683	88.6766	-1001.5	QAL	6.80	1.32	1.19	0.0	0.0	5.705	1498.	31.	2.	756.6	32.9	1
970	10	584	37.3683	88.6773	-1001.7	QAL	9.27	1.36	1.11	0.0	0.0	8.345	1336.	52.	7.	755.5	32.9	1
971	10	588	37.3683	88.6780	-1001.2	QAL	7.67	1.81	1.12	0.0	0.0	6.850	1392.	49.	5.	756.1	32.9	1
972	10	600	37.3683	88.6786	-1000.5	QAL	8.30	0.35	1.28	0.0	0.0	6.467	1526.	35.	9.	756.6	32.9	1
973	0	600	37.3683	88.6793	-1000.0	QAL	6.14	2.47	1.04	0.402	2.365	5.891	1479.	35.	9.	755.0	32.9	1
974	0	604	37.3683	88.6800	-1002.0	QAL	5.76	2.52	1.06	0.438	2.376	5.428	1422.	45.	3.	756.6	32.9	1
975	10	604	37.3683	88.6807	-1003.0	QAL	8.67	1.52	1.20	0.0	0.0	7.198	1519.	36.	5.	757.1	32.9	1
976	0	604	37.3683	88.6814	-1000.7	QAL	6.41	3.32	0.76	0.517	4.338	8.387	1335.	42.	1.	755.5	32.9	1
977	0	564	37.3683	88.6821	-999.0	QAL	5.55	2.38	1.08	0.428	2.191	5.119	1299.	46.	2.	756.6	32.9	1
978	10	556	37.3683	88.6828	-998.2	MCL	6.40	1.19	1.14	0.0	0.0	5.601	1378.	42.	2.	756.1	32.9	1
979	0	540	37.3683	88.6834	-999.2	MCL	4.96	3.39	0.82	0.683	4.132	6.045	1223.	36.	3.	754.5	32.9	1
980	0	552	37.3683	88.6841	-999.0	MCL	5.17	2.11	0.79	0.407	2.663	6.535	1320.	36.	4.	757.1	32.9	1
981	0	600	37.3683	88.6848	-998.0	MCL	8.96	2.01	0.68	0.225	2.939	13.083	1411.	59.	1.	757.1	32.9	1
982	0	592	37.3683	88.6855	-997.2	MCL	7.92	2.34	1.13	0.296	2.078	7.024	1402.	41.	3.	756.1	32.9	1
983	0	572	37.3683	88.6862	-998.5	MCL	7.09	3.32	1.00	0.468	3.324	7.107	1452.	40.	0.	757.6	32.9	1
984	10	576	37.3683	88.6869	-997.7	QAL	8.21	0.83	1.08	0.0	0.0	7.608	1452.	48.	5.	756.6	33.0	1
985	0	564	37.3683	88.6876	-996.7	QAL	4.60	1.69	1.22	0.367	1.384	3.771	1322.	41.	4.	755.0	32.9	1
986	0	576	37.3683	88.6882	-997.5	QAL	7.23	2.10	0.96	0.290	2.183	7.517	1386.	38.	4.	757.1	32.9	1
987	10	596	37.3683	88.6889	-996.7	QAL	6.97	1.66	1.31	0.0	0.0	5.318	1366.	37.	3.	756.6	32.9	1
988	10	596	37.3683	88.6896	-998.7	QAL	7.30	1.56	0.93	0.0	0.0	7.845	1283.	39.	1.	754.5	32.9	1
989	10	572	37.3683	88.6903	-998.7	QAL	7.54	-0.11	1.15	0.0	0.0	6.569	1167.	45.	0.	756.6	32.9	1
990	0	500	37.3683	88.6910	-996.5	QAL	7.26	2.95	0.66	0.406	4.469	11.003	1176.	33.	0.	757.6	32.9	1
991	0	480	37.3683	88.6917	-997.7	QAL	4.54	1.88	0.91	0.413	2.051	4.962	1144.	38.	0.	755.5	32.9	1
992	0	448	37.3683	88.6923	-995.2	MCU	5.50	2.04	0.59	0.372	3.436	9.244	1106.	39.	0.	756.6	32.9	1
993	0	424	37.3683	88.6930	-994.7	MCU	7.78	2.03	0.99	0.261	2.058	7.879	1264.	32.	0.	757.6	32.9	1
994	0	444	37.3683	88.6937	-997.5	MCU	7.08	1.89	1.07	0.266	1.764	6.627	1346.	35.	1.	755.5	32.9	1
995	10	452	37.3683	88.6944	-999.7	MCU	7.65	1.24	1.08	0.0	0.0	7.097	1359.	37.	0.	756.6	32.9	1
996	0	452	37.3683	88.6951	-997.2	MCU	9.09	2.38	1.18	0.262	2.021	7.706	1443.	46.	0.	757.6	32.9	1
997	0	456	37.3683	88.6958	-996.2	MCU	7.23	2.49	0.96	0.344	2.601	7.555	1375.	39.	0.	754.5	32.9	1
998	0	456	37.3683	88.6965	-995.5	MCU	4.20	3.39	0.92	0.807	3.681	4.560	1314.	41.	0.	756.6	32.9	1
999	10	456	37.3683	88.6971	-994.7	MCU	6.57	-0.04	1.11	0.0	0.0	5.908	1291.	43.	4.	757.6	32.9	1
1000	0	480	37.3683	88.6979	-994.5	MCU	5.94	2.98	0.79	0.502	3.787	7.549	1233.	42.	4.	755.5	32.9	1
1001	10	508	37.3683	88.6985	-994.2	MCU	5.28	1.13	1.16	0.0	0.0	4.550	1187.	41.	1.	757.1	32.9	1
1002	0	516	37.3683	88.6993	-994.5	MCU	5.96	1.59	1.10	0.266	1.444	5.432	1235.	41.	3.	757.1	32.9	1
1003	10	528	37.3683	88.7000	-996.0	MCU	5.53	1.39	0.90	0.0	0.0	6.116	1083.	56.	4.	755.0	32.9	1
1004	0	520	37.3683	88.7006	-995.7	MCU	4.85	2.07	0.48	0.426	4.354	10.210	1066.	36.	6.	756.6	32.9	1
1005	0	496	37.3684	88.7013	-994.7	MCU	4.26	1.56	1.12	0.366	1.390	3.792	1136.	41.	4.	757.1	32.9	1
1006	10	484	37.3684	88.7020	-992.5	MCU	5.55	0.52	1.06	0.0	0.0	5.249	1131.	42.	0.	756.1	32.9	1
1007	10	488	37.3684	88.7027	-993.5	MCU	7.10	1.03	0.97	0.0	0.0	7.360	1276.	40.	0.	757.1	32.9	1

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TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1008	0	484	37.3684	88.7034	-995.0	MCU	7.16	2.64	0.85	0.368	3.091	8.391	1291.	43.	0.	756.1	32.9	1
1009	0	484	37.3684	88.7041	-992.0	MCU	6.85	2.80	1.02	0.408	2.755	6.745	141	29.	0.	756.6	32.9	1
1010	10	464	37.3684	88.7047	-991.0	MCU	8.70	1.29	1.05	0.0	0.0	8.289	12	60.	0.	757.1	32.9	1
1011	0	452	37.3684	88.7054	-993.0	MCU	8.07	2.78	0.90	0.344	3.078	8.947	13	41.	0.	756.1	33.0	1
1012	0	452	37.3684	88.7061	-991.0	MCU	5.17	1.63	0.90	0.315	1.812	5.747	134	43.	3.	757.6	32.9	1
1013	10	464	37.3684	88.7068	-991.0	MCU	7.05	1.02	1.03	0.0	0.0	6.851	1374.	43.	3.	756.6	32.9	1
1014	0	460	37.3684	88.7075	-991.7	QAL	5.74	1.96	1.14	0.342	1.715	5.017	1402.	41.	1.	754.5	33.0	1
1015	0	464	37.3684	88.7082	-990.0	QAL	6.01	3.05	0.84	0.508	3.614	7.114	1365.	33.	4.	757.6	33.0	1
1016	10	460	37.3684	88.7089	-989.7	QAL	6.41	1.28	1.01	0.0	0.0	6.336	1318.	41.	3.	757.1	32.9	1
1017	10	440	37.3684	88.7095	-989.7	QAL	8.43	1.05	0.93	0.0	0.0	9.097	1402.	35.	3.	756.1	32.9	1
1018	0	440	37.3684	88.7102	-988.5	QAL	7.14	2.38	0.97	0.334	2.463	7.381	1243.	44.	0.	758.1	32.9	1
1019	0	452	37.3684	88.7109	-992.0	QAL	5.32	2.64	0.79	0.497	3.354	6.754	1224.	54.	0.	756.1	32.9	1
1020	0	492	37.3684	88.7116	-992.2	QAL	4.61	3.08	0.72	0.668	4.283	6.411	1232.	63.	2.	756.6	32.9	1
1021	0	536	37.3684	88.7123	-990.0	QAL	7.36	2.70	1.10	0.367	2.445	6.668	1383.	43.	0.	758.7	32.9	1
1022	10	544	37.3684	88.7130	-989.0	QAL	7.09	1.43	1.04	0.0	0.0	6.811	1271.	45.	0.	756.1	32.9	1
1023	0	552	37.3684	88.7137	-989.0	QAL	6.48	4.13	0.56	0.636	7.329	11.517	1346.	37.	0.	756.6	32.9	1
1024	0	528	37.3684	88.7144	-988.5	QAL	6.60	3.24	0.58	0.490	5.550	11.321	1224.	38.	0.	757.6	32.9	1
1025	0	536	37.3684	88.7150	-990.5	QAL	6.72	3.73	0.82	0.556	4.579	8.243	1264.	28.	1.	755.5	32.9	1
1026	0	540	37.3684	88.7157	-989.5	QAL	5.89	1.96	0.83	0.333	2.369	7.119	1251.	33.	2.	756.6	32.9	1
1027	0	540	37.3684	88.7164	-985.2	QAL	5.70	1.82	0.86	0.319	2.122	6.648	1218.	48.	0.	756.1	32.9	1
1028	0	548	37.3684	88.7171	-985.7	QAL	9.86	2.68	0.82	0.272	3.273	12.021	1481.	34.	1.	755.0	32.9	1
1029	10	544	37.3684	88.7178	-986.0	QAL	7.81	1.31	0.92	0.0	0.0	8.472	1307.	38.	1.	757.1	32.9	1
1030	0	540	37.3684	88.7184	-984.2	QAL	7.23	1.82	0.84	0.252	2.165	8.609	1369.	37.	0.	756.6	32.9	1
1031	0	540	37.3684	88.7192	-984.0	QAL	7.70	2.73	1.11	0.355	2.462	6.935	1340.	37.	0.	756.1	32.9	1
1032	0	540	37.3684	88.7198	-984.5	QAL	5.86	2.98	0.85	0.508	3.510	6.916	1205.	45.	1.	757.1	32.9	1
1033	0	564	37.3684	88.7205	-987.2	QAL	9.18	2.02	0.88	0.220	2.297	10.457	1299.	30.	0.	756.1	32.9	1
1034	0	532	37.3684	88.7212	-985.2	QAL	5.71	2.21	0.70	0.388	3.147	8.111	1057.	57.	0.	756.1	32.9	1
1035	10	532	37.3684	88.7219	-982.0	QAL	6.44	1.42	0.82	0.0	0.0	7.840	1115.	31.	1.	757.6	32.9	1
1036	0	524	37.3684	88.7226	-983.0	QAL	5.98	1.75	0.75	0.293	2.322	7.930	1061.	37.	0.	757.1	32.9	1
1037	10	524	37.3684	88.7232	-982.2	QAL	4.91	1.21	0.83	0.0	0.0	5.911	1024.	46.	1.	756.6	32.9	1
1038	0	548	37.3684	88.7240	-978.7	QAL	3.30	1.93	1.00	0.584	1.921	3.292	1063.	45.	0.	756.6	33.0	1
1039	10	540	37.3684	88.7246	-981.0	QAL	7.27	0.55	0.84	0.0	0.0	8.653	1041.	45.	0.	757.1	33.0	1
1040	10	536	37.3684	88.7253	-983.0	MCL	6.81	0.36	0.86	0.0	0.0	7.948	1022.	47.	3.	758.1	33.0	1
1041	0	540	37.3684	88.7260	-980.7	MCL	5.48	1.63	1.05	0.298	1.562	5.236	1107.	49.	0.	756.6	32.9	1
1042	0	536	37.3684	88.7267	-982.2	MCL	5.47	2.98	0.66	0.544	4.538	8.335	1091.	30.	2.	756.1	32.9	1
1043	10	536	37.3684	88.7274	-982.7	MCL	6.11	-0.31	0.79	0.0	0.0	7.773	1091.	40.	7.	756.6	32.9	1
1044	10	528	37.3684	88.7280	-981.0	MCL	6.37	1.24	0.66	0.0	0.0	9.659	1115.	31.	3.	756.1	32.9	1
1045	10	520	37.3684	88.7288	-981.2	MCL	6.58	1.48	0.94	0.0	0.0	6.988	1118.	39.	2.	756.1	32.9	1
1046	0	520	37.3684	88.7294	-984.2	MCL	4.67	2.73	0.92	0.584	2.953	5.060	1152.	42.	3.	756.1	32.9	1
1047	0	528	37.3684	88.7301	-984.2	MCL	4.16	2.63	1.21	0.632	2.172	3.435	1317.	31.	4.	755.5	32.9	1
1048	0	536	37.3684	88.7308	-983.2	MCL	7.37	3.41	1.01	0.463	3.380	7.304	1386.	31.	3.	756.1	32.9	1
1049	10	516	37.3684	88.7316	-979.2	MCL	7.74	0.88	1.05	0.0	0.0	7.339	1363.	48.	5.	756.1	32.9	1
1050	0	532	37.3684	88.7322	-978.5	MCL	7.70	3.21	0.87	0.416	3.692	8.865	1393.	30.	4.	755.5	32.9	1
1051	0	520	37.3684	88.7329	-980.5	MCL	6.21	2.47	1.09	0.397	2.268	5.711	1432.	45.	3.	756.6	32.9	1
1052	10	480	37.3684	88.7335	-979.0	MCL	7.20	0.82	1.01	0.0	0.0	7.141	1312.	46.	3.	757.1	33.0	1
1053	10	472	37.3684	88.7343	-977.5	MCL	8.33	-0.13	1.16	0.0	0.0	7.163	1270.	36.	4.	756.1	33.0	1
1054	0	476	37.3684	88.7350	-980.5	MCL	6.08	2.48	0.67	0.408	3.716	9.109	1166.	35.	6.	756.6	32.9	1
1055	0	476	37.3684	88.7357	-980.2	MCL	3.18	1.51	1.04	0.475	1.457	3.068	1173.	40.	5.	756.6	32.9	1
1056	0	468	37.3684	88.7364	-978.0	MCL	5.66	1.56	0.80	0.275	1.950	7.092	1118.	40.	3.	756.1	33.0	1
1057	10	448	37.3684	88.7370	-977.2	MCL	5.02	0.47	0.80	0.0	0.0	6.294	1077.	44.	2.	757.1	33.0	1
1058	0	420	37.3684	88.7377	-978.5	MCL	4.56	2.53	0.63	0.555	4.024	7.254	991.	55.	1.	756.6	33.0	1
1059	0	396	37.3684	88.7384	-978.7	QAL	5.56	2.20	0.56	0.397	3.929	9.907	1004.	32.	0.	755.0	33.0	1
1060	0	404	37.3684	88.7391	-978.2	QAL	5.17	2.43	0.53	0.469	4.580	9.756	914.	33.	0.	756.6	33.0	1

CP 9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1061	10	444	37.3684	88.7397	-977.7	QAL	5.60	0.73	0.81	0.0	0.0	6.901	963.	37.	0.	757.6	33.0	1
1062	0	496	37.3684	88.7405	-976.2	QAL	4.11	1.85	0.74	0.451	2.519	5.584	1099.	41.	0.	757.6	33.0	1
1063	10	524	37.3684	88.7412	-976.7	QAL	5.37	0.49	0.82	0.0	0.0	6.507	1102.	37.	2.	756.6	32.9	1
1064	10	536	37.3684	88.7418	-973.2	QAL	7.05	1.07	0.98	0.0	0.0	7.172	1188.	44.	0.	756.6	32.9	1
1065	10	532	37.3684	88.7425	-974.0	QAL	6.02	1.13	1.13	0.0	0.0	5.310	1214.	41.	0.	757.1	32.9	1
1066	0	568	37.3684	88.7432	-976.0	QAL	4.19	2.92	1.32	0.696	2.216	3.184	1394.	50.	0.	757.1	32.9	1
1067	0	600	37.3685	88.7439	-974.2	QAL	7.68	2.39	1.29	0.311	1.850	5.954	1489.	41.	0.	757.1	32.9	1
1068	0	600	37.3685	88.7446	-975.0	QAL	5.97	2.89	1.43	0.485	2.031	4.186	1527.	37.	1.	757.1	32.9	1
1069	10	600	37.3684	88.7453	-974.7	QAL	6.18	1.62	1.14	0.0	0.0	5.410	1495.	34.	0.	757.1	32.9	1
1070	0	596	37.3684	88.7459	-972.7	QAL	8.83	2.77	1.00	0.314	2.759	8.799	1525.	39.	0.	757.1	32.9	1
1071	0	596	37.3684	88.7466	-973.5	QAL	7.19	2.36	0.98	0.328	2.404	7.323	1505.	36.	0.	757.1	32.9	1
1072	0	580	37.3684	88.7473	-974.5	MCL	7.59	3.00	1.01	0.395	2.974	7.532	1416.	40.	0.	757.1	32.9	1
1073	0	536	37.3685	88.7480	-972.2	MCL	6.56	2.15	0.80	0.328	2.697	8.228	1146.	53.	0.	756.6	32.9	1
1074	10	520	37.3685	88.7487	-970.5	MCL	5.67	0.82	0.84	0.0	0.0	6.734	1123.	44.	0.	756.6	32.9	1
1075	0	512	37.3685	88.7494	-970.5	MCL	3.77	2.01	0.69	0.533	2.904	5.451	1062.	38.	0.	757.1	32.9	1
1076	10	472	37.3685	88.7501	-973.7	MCL	5.92	1.32	0.58	0.0	0.0	10.142	953.	39.	0.	757.6	32.9	1
1077	0	416	37.3685	88.7507	-974.5	MCL	2.44	2.21	0.33	0.906	6.711	7.405	833.	44.	2.	757.6	32.9	1
1078	0	396	37.3685	88.7514	-974.0	QAL	3.40	1.73	0.79	0.510	2.198	4.311	837.	37.	0.	757.6	32.9	1
1079	10	436	37.3685	88.7521	-975.7	QAL	5.65	0.91	0.59	0.0	0.0	9.570	851.	44.	0.	756.6	32.9	1
1080	10	492	37.3685	88.7528	-975.7	QAL	3.74	0.20	0.94	0.0	0.0	3.972	963.	39.	1.	756.1	32.9	1
1081	0	500	37.3685	88.7535	-973.5	QAL	5.27	1.85	0.86	0.350	2.143	6.118	1090.	35.	2.	757.1	32.9	1
1082	0	508	37.3685	88.7542	-974.2	QAL	4.91	2.26	0.76	0.461	2.963	6.429	1140.	39.	0.	757.6	32.9	1
1083	0	516	37.3685	88.7549	-971.2	QAL	7.94	1.99	0.92	0.251	2.171	8.665	1180.	44.	0.	757.1	32.9	1
1084	0	520	37.3685	88.7556	-970.7	QAL	6.55	3.23	0.67	0.494	4.833	9.786	1120.	43.	0.	757.1	32.9	1
1085	0	528	37.3685	88.7562	-974.2	QAL	5.35	1.59	0.87	0.298	1.823	6.123	1286.	37.	0.	757.1	32.8	1
1086	10	536	37.3685	88.7569	-974.5	QAL	4.98	1.24	1.27	0.0	0.0	3.917	1196.	35.	0.	757.1	32.8	1
1087	0	528	37.3685	88.7576	-974.0	QAL	4.43	4.04	0.84	0.911	4.779	5.245	1189.	38.	0.	756.6	32.8	1
1088	0	520	37.3685	88.7583	-973.5	QAL	5.64	1.79	1.00	0.317	1.780	5.619	1142.	42.	0.	756.6	32.8	1
1089	10	512	37.3685	88.7590	-970.7	QAL	5.59	1.32	0.71	0.0	0.0	7.828	1095.	43.	1.	757.6	32.8	1
1090	10	512	37.3685	88.7596	-972.2	QAL	6.34	0.55	0.96	0.0	0.0	6.642	1156.	36.	0.	756.6	32.8	1
1091	10	552	37.3685	88.7604	-973.7	QAL	7.10	1.71	1.16	0.0	0.0	6.125	1236.	48.	2.	756.1	32.8	1
1092	0	596	37.3685	88.7610	-970.0	QAL	6.57	6.23	0.81	0.948	7.687	8.111	1417.	40.	0.	757.6	32.9	1
1093	0	592	37.3685	88.7617	-967.5	QAL	5.99	3.30	0.74	0.551	4.430	8.038	1335.	44.	6.	757.1	32.9	1
1094	0	580	37.3685	88.7624	-971.7	QAL	7.75	2.47	0.76	0.319	3.236	10.136	1309.	41.	2.	756.6	32.9	1
1095	0	524	37.3685	88.7631	-972.5	QAL	5.78	2.03	1.02	0.351	1.984	5.655	1326.	46.	2.	756.6	32.9	1
1096	0	532	37.3685	88.7638	-972.2	QAL	7.52	2.05	0.96	0.273	2.139	7.846	1316.	41.	3.	756.1	32.9	1
1097	10	564	37.3685	88.7644	-971.7	QAL	7.01	1.37	1.19	0.0	0.0	5.893	1405.	42.	4.	756.1	32.9	1
1098	0	580	37.3685	88.7652	-970.2	QAL	6.80	2.61	1.42	0.384	1.837	4.789	1397.	42.	0.	756.6	32.9	1
1099	10	536	37.3685	88.7658	-968.0	MCU	6.85	1.51	1.18	0.0	0.0	5.794	1307.	46.	0.	755.5	32.9	1
1100	0	520	37.3685	88.7665	-968.7	MCU	5.03	1.98	0.70	0.394	2.838	7.206	1274.	43.	5.	755.5	32.9	1
1101	0	508	37.3685	88.7672	-971.7	MCU	6.90	2.44	0.95	0.353	2.579	7.298	1298.	45.	5.	756.1	32.9	1
1102	0	492	37.3685	88.7680	-970.0	MCU	8.22	2.18	0.44	0.265	4.941	18.617	1233.	36.	7.	755.5	33.0	1
1103	10	460	37.3685	88.7687	-968.5	MCU	6.47	0.41	0.88	0.0	0.0	7.314	1230.	38.	7.	756.6	33.0	1
1104	10	444	37.3685	88.7693	-971.5	MCU	5.39	1.41	0.96	0.0	0.0	5.633	1261.	43.	6.	758.1	33.0	1
1105	10	436	37.3685	88.7700	-970.2	MCU	9.70	0.43	1.14	0.0	0.0	8.517	1393.	32.	4.	757.1	33.0	1
1106	10	452	37.3685	88.7707	-966.7	MCU	9.02	1.14	1.18	0.0	0.0	7.640	1464.	31.	3.	756.6	33.1	1
1107	0	436	37.3685	88.7714	-964.7	MCU	6.65	3.15	0.97	0.474	3.232	6.821	1469.	47.	1.	757.6	33.1	1
1108	0	440	37.3685	88.7720	-965.0	MCU	7.99	3.80	1.02	0.476	3.714	7.807	1559.	34.	0.	756.6	33.1	1
1109	0	428	37.3685	88.7728	-967.0	MCU	6.63	3.56	0.94	0.537	3.788	7.050	1487.	35.	0.	756.6	33.0	1
1110	0	408	37.3685	88.7734	-967.7	MCU	7.32	1.94	0.78	0.265	2.498	9.431	1403.	46.	0.	756.6	33.1	1
1111	0	380	37.3685	88.7741	-967.7	MCU	4.64	1.93	0.75	0.416	2.573	6.182	1219.	46.	0.	756.1	33.1	1
1112	0	392	37.3685	88.7748	-966.7	MCU	6.21	2.42	1.27	0.389	1.910	4.908	1355.	40.	0.	756.6	33.1	1
1113	0	380	37.3685	88.7755	-965.7	MCU	5.41	2.35	0.73	0.435	3.208	7.377	1360.	41.	0.	757.1	33.1	1

CP9 1P 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1114	0	392	37.3685	88.7762	-965.7	MCU	8.59	1.98	1.12	0.230	1.769	7.691	1403.	42.	0.	757.6	33.2	1
1115	0	396	37.3685	88.7769	-965.2	MCU	7.17	1.95	1.19	0.272	1.638	6.025	1545.	32.	1.	757.6	33.2	1
1116	0	392	37.3685	88.7776	-964.7	MCU	7.40	2.51	1.23	0.339	2.032	6.000	1603.	38.	0.	757.6	33.1	1
1117	0	388	37.3685	88.7782	-964.5	MCU	9.11	2.01	1.31	0.220	1.538	6.976	1576.	42.	0.	757.6	33.1	1
1118	0	380	37.3685	88.7789	-964.7	MCU	6.76	2.57	1.24	0.381	2.074	5.446	1619.	36.	0.	758.1	33.1	1
1119	0	380	37.3685	88.7796	-964.5	MCU	9.47	2.42	1.08	0.256	2.250	8.790	1564.	44.	0.	757.6	33.1	1
1120	10	384	37.3685	88.7803	-966.0	MCU	8.00	1.01	1.45	0.0	0.0	5.533	1565.	36.	0.	757.1	33.1	1
1121	0	380	37.3685	88.7810	-965.7	MCU	9.68	2.01	1.00	0.208	2.001	9.635	1496.	47.	1.	757.1	33.2	1
1122	0	372	37.3685	88.7817	-965.7	MCU	7.20	3.76	1.10	0.522	3.414	6.544	1557.	44.	0.	757.1	33.2	1
1123	0	360	37.3685	88.7823	-967.0	MCU	8.32	2.64	0.96	0.317	2.744	8.659	1620.	32.	0.	757.1	33.3	1
1124	0	356	37.3685	88.7830	-965.5	MCU	8.46	2.50	1.17	0.295	2.128	7.207	1588.	42.	0.	757.6	33.2	1
1125	0	360	37.3685	88.7837	-964.7	MCU	8.86	3.28	1.16	0.370	2.816	7.619	1654.	42.	0.	757.6	33.3	1
1126	0	372	37.3685	88.7844	-966.0	MCU	9.02	1.60	1.28	0.178	1.252	7.039	1688.	29.	0.	757.1	33.3	1
1127	0	360	37.3685	88.7852	-964.2	MCU	7.32	2.65	1.41	0.362	1.880	5.189	1667.	41.	0.	756.6	33.3	1
1128	0	352	37.3685	88.7858	-963.7	MCU	5.60	3.13	1.25	0.559	2.503	4.479	1586.	42.	0.	756.6	33.3	1
1129	0	356	37.3685	88.7865	-963.5	MCU	6.98	3.03	1.37	0.435	2.213	5.090	1643.	42.	0.	757.1	33.3	1
1130	0	364	37.3685	88.7873	-960.0	MCU	8.19	2.66	1.09	0.325	2.443	7.526	1604.	42.	0.	757.1	33.3	1
1131	10	364	37.3685	88.7880	-961.0	MCU	10.73	1.37	0.92	0.0	0.0	11.729	1519.	45.	0.	757.1	33.3	1
1132	0	360	37.3685	88.7887	-963.2	MCU	10.16	1.52	1.01	0.149	1.507	10.107	1621.	36.	0.	756.1	33.3	1
1133	0	348	37.3685	88.7894	-960.5	MCU	7.93	2.84	1.25	0.358	2.277	6.367	1626.	35.	0.	756.1	33.3	1
1134	0	348	37.3685	88.7901	-957.7	MCU	9.18	1.80	1.20	0.196	1.493	7.628	1606.	49.	1.	757.1	33.3	1
1135	0	356	37.3686	88.7908	-959.2	MCU	8.04	2.72	1.23	0.338	2.216	6.548	1657.	44.	0.	757.6	33.3	1
1136	0	360	37.3686	88.7915	-960.2	MCU	7.62	3.15	1.28	0.413	2.457	5.945	1677.	45.	0.	756.6	33.3	1
1137	0	332	37.3686	88.7922	-959.0	MCU	8.14	2.26	1.14	0.277	1.976	7.135	1569.	42.	0.	756.6	33.3	1
1138	0	356	37.3686	88.7928	-960.0	MCU	6.66	2.66	1.25	0.399	2.133	5.347	1601.	39.	0.	758.1	33.4	1
1139	10	364	37.3686	88.7936	-959.2	MCU	6.80	0.97	1.37	0.0	0.0	4.978	1625.	44.	0.	758.1	33.4	1
1140	0	368	37.3686	88.7943	-957.5	MCU	7.76	3.85	1.17	0.496	3.306	6.662	1681.	46.	0.	756.6	33.4	1
1141	0	356	37.3686	88.7950	-958.0	MCU	7.88	3.07	1.33	0.389	2.311	5.936	1621.	35.	0.	757.1	33.4	1
1142	0	348	37.3686	88.7957	-958.5	MCL	6.64	1.22	1.43	0.184	0.850	4.631	1571.	35.	0.	758.1	33.3	1
1143	0	344	37.3686	88.7964	-956.5	MCL	6.16	2.31	1.23	0.376	1.874	4.989	1566.	39.	0.	757.1	33.3	1
1144	0	352	37.3686	88.7971	-958.5	MCL	8.17	2.25	1.04	0.276	2.155	7.816	1489.	27.	0.	756.6	33.3	1
1145	0	392	37.3686	88.7978	-960.5	MCL	6.81	2.92	0.91	0.429	3.209	7.476	1489.	38.	0.	757.6	33.3	1
1146	0	404	37.3686	88.7986	-959.5	MCL	7.91	3.66	0.96	0.463	3.802	8.217	1554.	36.	0.	757.6	33.3	1
1147	0	408	37.3687	88.7992	-959.0	MCL	6.91	2.84	1.07	0.410	2.655	6.472	1512.	35.	2.	757.6	33.2	1
1148	0	424	37.3687	88.7999	-957.0	MCL	6.93	4.45	0.71	0.643	6.272	9.762	1493.	58.	0.	757.6	33.3	1
1149	0	432	37.3687	88.8006	-956.5	MCL	7.79	2.13	1.09	0.274	1.955	7.142	1462.	44.	1.	757.1	33.2	1
1150	10	416	37.3687	88.8014	-957.5	MCL	7.92	1.08	1.07	0.0	0.0	7.436	1370.	25.	0.	757.1	33.2	1
1151	10	416	37.3687	88.8021	-955.2	MCL	6.10	0.85	1.30	0.0	0.0	4.706	1473.	37.	0.	756.6	33.2	1
1152	0	444	37.3687	88.8028	-955.5	MCL	8.45	3.27	1.06	0.387	3.084	7.978	1550.	39.	0.	757.1	33.1	1
1153	0	444	37.3687	88.8035	-953.2	MCL	5.07	2.66	1.40	0.524	1.900	3.624	1446.	43.	0.	758.1	33.2	1
1154	0	448	37.3687	88.8042	-951.5	MCL	6.06	2.80	0.86	0.461	3.237	7.018	1411.	33.	0.	757.6	33.2	1
1155	0	452	37.3687	88.8049	-952.5	MCL	8.50	2.41	0.86	0.283	2.789	9.842	1397.	44.	0.	756.6	33.2	1
1156	10	464	37.3687	88.8056	-951.2	MCL	8.29	1.35	1.24	0.0	0.0	6.713	1408.	44.	0.	757.1	33.2	1
1157	0	452	37.3687	88.8062	-950.7	MCL	6.59	2.41	1.02	0.366	2.373	6.477	1387.	41.	0.	757.1	33.2	1
1158	0	448	37.3687	88.8070	-953.7	MCL	5.87	2.38	1.16	0.405	2.044	5.046	1441.	50.	0.	757.1	33.2	1
1159	0	420	37.3687	88.8077	-952.7	MCL	7.27	2.72	1.05	0.375	2.605	6.948	1355.	31.	0.	757.1	33.2	1
1160	0	384	37.3687	88.8084	-951.5	MCL	6.04	1.63	0.97	0.270	1.681	6.229	1349.	41.	1.	756.6	33.2	1
1161	0	400	37.3687	88.8092	-950.2	MCL	7.83	2.49	0.89	0.318	2.789	8.758	1500.	26.	5.	756.6	33.2	1
1162	0	396	37.3687	88.8098	-947.2	MCL	8.59	1.53	1.06	0.179	1.444	8.085	1488.	46.	5.	757.1	33.3	1
1163	10	396	37.3687	88.8105	-947.7	MCL	7.15	0.85	1.04	0.0	0.0	6.895	1445.	49.	6.	757.1	33.3	1
1164	0	400	37.3687	88.8112	-949.0	MCL	7.81	3.55	1.11	0.455	3.206	7.052	1583.	32.	0.	757.1	33.3	1
1165	0	400	37.3687	88.8119	-949.0	MCL	8.27	3.18	1.27	0.384	2.508	6.534	1608.	38.	2.	757.6	33.3	1
1166	0	400	37.3687	88.8126	-948.7	MCL	9.07	2.75	1.10	0.303	2.496	8.235	1648.	43.	2.	757.6	33.3	1

CP9 1P 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1167	0	400	37.3687	88.8133	-948.2	MCL	7.10	1.87	1.17	0.263	1.594	6.059	1605.	46.	1.	757.1	33.3	1
1168	0	392	37.3687	88.8140	-946.5	MCL	8.30	2.35	1.21	0.283	1.947	6.885	1652.	36.	1.	757.1	33.3	1
1169	0	384	37.3687	88.8147	-946.0	MCL	11.26	3.00	1.07	0.266	2.805	10.549	1725.	38.	0.	757.1	33.3	1
1170	0	380	37.3688	88.8155	-946.7	MCL	8.54	1.52	1.45	0.178	1.046	5.877	1727.	39.	0.	757.1	33.3	1
1171	0	388	37.3688	88.8161	-947.5	MCL	7.58	3.00	1.09	0.396	2.762	6.969	1629.	31.	0.	757.1	33.3	1
1172	0	392	37.3688	88.8168	-943.5	MCL	8.58	1.44	1.26	0.168	1.144	6.810	1667.	40.	1.	757.1	33.4	1
1173	0	392	37.3688	88.8176	-941.5	MCL	8.67	3.05	1.32	0.351	2.312	6.580	1688.	42.	2.	757.6	33.3	1
1174	0	392	37.3688	88.8183	-944.0	MCL	6.70	3.04	1.56	0.454	1.944	4.281	1728.	44.	0.	757.6	33.3	1
1175	0	384	37.3688	88.8190	-944.5	MCL	6.35	4.12	1.18	0.648	3.492	5.386	1619.	44.	0.	757.1	33.3	1
1176	0	364	37.3688	88.8196	-944.5	MCL	6.25	3.01	1.42	0.481	2.121	4.409	1573.	42.	0.	757.1	33.3	1
1177	0	364	37.3688	88.8204	-942.0	MCL	8.19	2.00	1.27	0.244	1.570	6.441	1614.	50.	0.	758.1	33.3	1
1178	0	316	37.3688	88.8210	-941.7	MCL	7.63	1.41	1.22	0.185	1.161	6.271	1530.	55.	0.	757.1	33.4	1
1179	0	332	37.3688	88.8218	-942.0	MCL	7.34	3.21	0.80	0.437	4.019	9.188	1551.	33.	0.	756.6	33.4	1
1180	0	368	37.3688	88.8225	-940.2	MCL	7.78	3.11	1.03	0.400	3.019	7.547	1623.	42.	0.	757.6	33.4	1
1181	0	368	37.3689	88.8231	-942.0	MCL	9.71	2.71	1.07	0.279	2.531	9.068	1725.	42.	0.	757.6	33.4	1
1182	0	364	37.3689	88.8239	-940.5	MCL	6.83	2.74	1.38	0.401	1.982	4.946	1678.	56.	0.	758.1	33.4	1
1183	0	364	37.3689	88.8246	-937.2	MCL	8.32	2.77	1.18	0.333	2.352	7.072	1624.	62.	0.	758.1	33.4	1
1184	0	360	37.3689	88.8253	-938.5	MCL	6.02	3.55	1.53	0.589	2.310	3.920	1724.	52.	0.	757.6	33.3	1
1185	0	348	37.3689	88.8260	-938.5	MCL	8.36	1.77	1.41	0.211	1.255	5.935	1684.	59.	0.	757.6	33.4	1
1186	0	348	37.3689	88.8267	-935.7	MCL	9.05	2.90	1.20	0.320	2.417	7.542	1703.	39.	0.	758.1	33.4	1
1187	0	360	37.3689	88.8274	-935.5	MCL	9.40	2.22	1.44	0.236	1.535	6.507	1779.	46.	1.	757.1	33.4	1
1188	0	360	37.3689	88.8281	-936.7	MCL	8.54	2.45	1.37	0.287	1.790	6.229	1680.	42.	0.	757.1	33.4	1
1189	0	356	37.3689	88.8288	-937.0	MCL	6.75	2.58	1.30	0.383	1.989	5.198	1714.	41.	3.	757.6	33.4	1
1190	0	344	37.3689	88.8295	-936.0	MCL	8.26	3.68	1.36	0.446	2.702	6.062	1703.	31.	2.	756.6	33.3	1
1191	0	332	37.3689	88.8302	-933.0	MCL	7.16	4.02	1.20	0.562	3.357	5.974	1635.	39.	1.	756.6	33.4	1
1192	0	336	37.3689	88.8309	-931.2	MCL	6.89	1.78	1.31	0.258	1.353	5.248	1592.	45.	2.	757.6	33.4	1
1193	0	352	37.3689	88.8317	-931.5	MCL	7.45	3.03	1.00	0.407	3.034	7.456	1608.	41.	1.	757.6	33.3	1
1194	0	364	37.3689	88.8324	-930.2	MCL	8.85	3.20	1.19	0.361	2.677	7.418	1596.	38.	1.	756.6	33.3	1
1195	0	360	37.3689	88.8330	-933.0	MCL	9.77	1.71	1.37	0.175	1.249	7.129	1664.	50.	0.	757.6	33.3	1
1196	0	368	37.3689	88.8337	-932.0	MCL	7.02	2.68	1.10	0.381	2.425	6.361	1632.	28.	0.	758.1	33.3	1
1197	0	368	37.3689	88.8345	-930.7	MCL	8.51	2.72	1.39	0.320	1.955	6.112	1738.	41.	0.	757.1	33.3	1
1198	0	356	37.3689	88.8352	-930.2	MCL	6.65	1.31	1.26	0.197	1.038	5.280	1579.	46.	0.	757.1	33.3	1
1199	0	348	37.3689	88.8359	-930.0	MCL	7.25	2.46	1.18	0.339	2.081	6.138	1722.	25.	0.	757.6	33.3	1
1200	0	332	37.3689	88.8365	-927.7	MCL	7.65	2.70	1.29	0.353	2.082	5.907	1555.	47.	0.	757.6	33.3	1
1201	0	328	37.3689	88.8372	-925.7	MCL	7.67	3.38	1.34	0.440	2.521	5.727	1580.	46.	0.	757.6	33.3	1
1202	0	320	37.3689	88.8379	-923.0	MCL	7.59	2.39	1.42	0.314	1.679	5.338	1684.	36.	0.	757.6	33.4	1
1203	0	316	37.3689	88.8387	-924.2	MCL	8.62	1.99	1.16	0.231	1.716	7.426	1638.	38.	0.	757.6	33.4	1
1204	0	316	37.3689	88.8394	-924.7	MCL	7.44	2.77	1.13	0.372	2.446	6.571	1583.	38.	1.	757.1	33.4	1
1205	0	308	37.3690	88.8401	-924.0	MCL	4.61	2.06	1.00	0.448	2.057	4.593	1357.	30.	4.	757.1	33.3	1
1206	0	340	37.3690	88.8408	-923.7	MCL	5.33	2.54	0.75	0.476	3.367	7.068	1217.	34.	7.	757.6	33.3	1
1207	0	372	37.3690	88.8415	-924.0	MCL	3.55	1.38	0.95	0.388	1.455	3.750	1182.	36.	4.	757.6	33.3	1
1208	10	408	37.3690	88.8422	-923.7	MCL	7.27	0.66	1.09	0.0	0.0	6.650	1251.	35.	6.	757.6	33.3	1
1209	10	436	37.3690	88.8428	-921.5	MCL	6.25	1.10	1.12	0.0	0.0	5.580	1313.	46.	2.	758.1	33.3	1
1210	0	468	37.3690	88.8436	-918.5	MCL	4.83	3.13	0.82	0.647	3.832	5.919	1396.	45.	3.	757.1	33.3	1
1211	0	496	37.3690	88.8443	-922.7	MCL	7.82	2.88	1.28	0.368	2.256	6.126	1549.	29.	1.	757.1	33.3	1
1212	0	524	37.3690	88.8450	-924.2	MCL	7.49	2.58	0.99	0.344	2.614	7.605	1479.	46.	1.	757.6	33.4	1
1213	0	532	37.3690	88.8458	-920.2	MCL	5.00	3.72	1.18	0.744	3.151	4.235	1566.	41.	0.	757.6	33.3	1
1214	0	540	37.3690	88.8464	-921.0	MCL	7.41	2.01	1.39	0.271	1.444	5.339	1532.	30.	0.	757.6	33.4	1
1215	0	544	37.3690	88.8471	-920.2	MCL	7.34	2.27	1.14	0.309	1.990	6.432	1458.	41.	0.	757.6	33.4	1
1216	0	548	37.3690	88.8478	-916.2	MCL	7.94	1.70	1.22	0.214	1.393	6.524	1473.	43.	0.	756.6	33.4	1
1217	0	520	37.3690	88.8485	-918.5	MCL	6.07	2.96	0.91	0.488	3.259	6.683	1346.	44.	0.	757.6	33.3	1
1218	10	512	37.3690	88.8492	-919.0	MCL	6.71	0.59	1.48	0.0	0.0	4.533	1443.	34.	1.	757.6	33.3	1
1219	0	540	37.3690	88.8499	-914.2	MCL	8.12	3.01	0.83	0.370	3.636	9.821	1436.	34.	1.	756.6	33.3	1

CP9 1P 12

*	TAGS		* LOCATION		*			REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1220	0	528	37.3690	88.8506	-916.5		MCL	8.63	2.16	1.41	0.250	1.532	6.115	1468.	37.	0.	757.1	33.3	1
1221	10	512	37.3690	88.8513	-920.7		MCL	6.09	1.23	1.04	0.0	0.0	5.878	1480.	43.	7.	758.1	33.3	1
1222	0	480	37.3690	88.8521	-917.7		MCL	5.18	3.01	1.08	0.581	2.787	4.794	1446.	35.	5.	757.1	33.4	1
1223	0	476	37.3690	88.8528	-913.0		MCL	5.55	3.73	1.01	0.672	3.700	5.506	1437.	51.	1.	757.1	33.3	1
1224	0	464	37.3690	88.8534	-911.0		MCL	6.35	2.48	1.14	0.390	2.177	5.581	1378.	43.	0.	757.6	33.3	1
1225	10	468	37.3690	88.8542	-913.2		MCL	6.86	0.26	1.02	0.0	0.0	6.745	1327.	35.	3.	757.6	33.4	1
1226	0	480	37.3690	88.8549	-914.2		MCL	6.80	1.81	1.10	0.266	1.652	6.209	1430.	31.	4.	757.6	33.3	1
1227	0	476	37.3690	88.8556	-909.2		MCL	6.68	2.43	0.98	0.364	2.486	6.828	1399.	41.	0.	757.1	33.3	1
1228	0	500	37.3691	88.8562	-906.5		MCL	7.02	2.36	1.04	0.337	2.277	6.766	1461.	32.	0.	757.1	33.4	1
1229	0	500	37.3691	88.8570	-908.7		MCL	6.89	2.21	1.14	0.322	1.938	6.027	1494.	39.	0.	757.6	33.4	1
1230	0	500	37.3691	88.8577	-908.5		MCL	5.46	3.07	1.03	0.562	2.971	5.284	1477.	39.	0.	757.6	33.4	1
1231	0	500	37.3691	88.8584	-905.7		MCL	7.74	2.88	1.09	0.372	2.647	7.113	1466.	42.	1.	757.1	33.4	1
1232	0	492	37.3691	88.8591	-905.2		MCL	7.90	3.13	0.98	0.396	3.196	8.078	1440.	36.	0.	757.1	33.4	1
1233	0	468	37.3691	88.8597	-906.2		MCL	5.84	3.40	1.07	0.583	3.185	5.466	1356.	43.	0.	758.1	33.4	1
1234	0	484	37.3691	88.8605	-905.2		MCL	7.07	1.72	1.05	0.243	1.641	6.748	1356.	51.	0.	757.1	33.4	1
1235	0	496	37.3691	88.8612	-906.7		MCL	7.95	2.36	0.90	0.297	2.616	8.807	1449.	39.	0.	757.1	33.4	1
1236	0	496	37.3691	88.8619	-905.2		MCL	6.25	2.10	1.08	0.336	1.940	5.776	1473.	49.	0.	758.1	33.5	1
1237	0	504	37.3691	88.8626	-901.5		MCL	6.83	2.85	1.17	0.417	2.437	5.844	1471.	34.	0.	758.1	33.5	1
1238	0	480	37.3691	88.8633	-900.5		MCL	5.13	2.11	1.06	0.411	1.992	4.843	1391.	48.	0.	757.6	33.5	1
1239	0	464	37.3692	88.8640	-899.2		MCL	4.97	2.11	0.89	0.424	2.366	5.575	1251.	43.	0.	757.6	33.5	1
1240	0	472	37.3692	88.8647	-899.7		MCL	5.95	2.25	0.70	0.378	3.229	8.548	1224.	44.	0.	757.6	33.4	1
1241	0	468	37.3692	88.8654	-899.7		MCL	7.12	2.22	0.98	0.313	2.266	7.250	1279.	39.	0.	757.6	33.4	1
1242	0	456	37.3692	88.8661	-899.0		MCL	4.85	1.86	1.19	0.384	1.566	4.080	1227.	37.	0.	757.6	33.4	1
1243	0	436	37.3692	88.8668	-899.2		MCL	4.91	2.54	0.87	0.517	2.913	5.636	1247.	39.	0.	757.6	33.4	1
1244	0	440	37.3692	88.8675	-896.5		MCL	7.72	2.65	0.86	0.343	3.085	8.996	1316.	36.	0.	757.6	33.4	1
1245	0	432	37.3692	88.8683	-892.5		MCL	6.77	2.24	0.87	0.330	2.579	7.809	1142.	43.	0.	757.6	33.4	1
1246	0	448	37.3692	88.8690	-896.7		MCL	5.44	3.50	0.93	0.644	3.763	5.843	1174.	43.	0.	757.1	33.4	1
1247	10	452	37.3692	88.8696	-898.2		MCL	5.62	0.69	0.94	0.0	0.0	5.954	1142.	47.	0.	757.1	33.4	1
1248	10	432	37.3692	88.8703	-897.5		MCL	6.64	1.30	0.76	0.0	0.0	8.761	1221.	36.	3.	757.6	33.4	1
1249	0	400	37.3692	88.8710	-895.2		MCL	6.35	1.30	0.73	0.204	1.787	8.747	1083.	39.	3.	757.6	33.4	1
1250	0	364	37.3692	88.8718	-893.7		MCL	4.66	1.87	0.70	0.401	2.662	6.635	1097.	35.	6.	757.1	33.4	1
1251	10	348	37.3692	88.8725	-894.0		MCL	6.18	0.77	0.86	0.0	0.0	7.180	1198.	43.	5.	757.1	33.4	1
1252	0	364	37.3692	88.8731	-894.5		MCL	6.69	2.91	0.87	0.435	3.342	7.692	1376.	40.	1.	757.6	33.4	1
1253	0	364	37.3692	88.8738	-893.2		MCL	6.75	2.42	0.91	0.358	2.661	7.428	1436.	53.	4.	757.1	33.4	1
1254	0	380	37.3692	88.8745	-894.2		MCL	6.32	1.50	1.32	0.238	1.139	4.794	1495.	51.	7.	757.1	33.4	1
1255	0	396	37.3692	88.8753	-894.7		MCL	5.51	3.40	1.20	0.617	2.845	4.610	1537.	45.	4.	757.6	33.4	1
1256	0	408	37.3692	88.8760	-891.7		MCL	7.82	2.74	1.37	0.351	2.005	5.717	1638.	40.	2.	757.6	33.4	1
1257	0	396	37.3692	88.8767	-889.2		MCL	7.44	2.32	1.26	0.312	1.838	5.892	1519.	38.	1.	756.6	33.3	1
1258	0	416	37.3692	88.8774	-889.2		MCL	5.52	2.09	0.80	0.379	2.620	6.913	1422.	45.	1.	756.6	33.3	1
1259	0	428	37.3692	88.8781	-890.2		QAL	6.45	2.30	1.32	0.357	1.747	4.897	1383.	40.	3.	756.6	33.3	1
1260	0	404	37.3692	88.8788	-892.2		QAL	4.75	1.39	0.81	0.293	1.722	5.882	1140.	43.	5.	757.6	33.3	1
1261	0	400	37.3692	88.8795	-889.5		QAL	3.62	1.26	0.91	0.349	1.389	3.980	1146.	41.	6.	757.6	33.3	1
1262	10	408	37.3693	88.8802	-885.7		QAL	4.70	1.15	0.89	0.0	0.0	5.313	1067.	48.	3.	757.6	33.3	1
1263	0	440	37.3693	88.8809	-889.5		QAL	5.73	2.26	0.61	0.396	3.692	9.334	1050.	35.	5.	756.6	33.3	1
1264	10	476	37.3693	88.8816	-892.0		QAL	5.88	1.55	0.74	0.0	0.0	7.926	1107.	46.	7.	757.6	33.3	1
1265	0	484	37.3693	88.8824	-887.7		QAL	3.37	2.19	0.95	0.649	2.296	3.536	1134.	53.	4.	758.7	33.3	1
1266	10	480	37.3693	88.8830	-885.5		QAL	5.53	0.92	0.74	0.0	0.0	7.485	1112.	38.	7.	757.6	33.4	1
1267	0	408	37.3693	88.8837	-886.5		QAL	5.22	1.39	0.71	0.266	1.968	7.403	1026.	43.	0.	757.1	33.3	1
1268	0	416	37.3693	88.8844	-886.0		QAL	4.83	2.00	0.79	0.414	2.543	6.136	1176.	36.	0.	758.1	33.4	1
1269	0	420	37.3693	88.8852	-883.5		QAL	5.43	1.92	1.05	0.353	1.819	5.150	1283.	45.	0.	758.1	33.3	1
1270	0	420	37.3693	88.8858	-885.0		QAL	6.85	1.49	1.07	0.217	1.392	6.404	1305.	49.	0.	758.1	33.3	1
1271	0	400	37.3693	88.8865	-884.7		QAL	3.93	2.19	0.85	0.556	2.573	4.628	1217.	38.	0.	758.1	33.3	1
1272	0	392	37.3693	88.8872	-885.7		QAL	4.00	2.76	0.88	0.689	3.130	4.545	1105.	44.	0.	758.1	33.3	1

CP9 1P 12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	REDUCED DATA U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1273	0	432	37.3693	88.8879	-885.5		QAL	6.96	1.39	0.73	0.200	1.905	9.542	1139.	44.	0.	758.1	33.3	1
1274	0	468	37.3694	88.8887	-884.2		QAL	4.31	1.53	0.83	0.354	1.852	5.226	1108.	45.	0.	758.7	33.3	1
1275	0	484	37.3694	88.8894	-883.5		QAL	5.90	2.74	1.06	0.464	2.595	5.590	1260.	28.	0.	758.1	33.2	1
1276	0	544	37.3694	88.8900	-882.5		QAL	5.03	1.92	1.31	0.381	1.469	3.851	1315.	40.	0.	757.6	33.2	1
1277	0	560	37.3694	88.8908	-881.7		QAL	6.55	3.14	0.91	0.480	3.472	7.235	1391.	34.	0.	757.6	33.2	1
1278	0	556	37.3694	88.8915	-881.2		QAL	6.32	2.31	1.33	0.366	1.737	4.741	1416.	37.	0.	757.6	33.1	1
1279	0.	560	37.3694	88.8922	-880.0		QAL	7.72	3.20	1.40	0.415	2.291	5.526	1585.	32.	0.	757.6	33.2	1
1280	0	560	37.3694	88.8929	-880.7		QAL	7.39	3.78	1.18	0.512	3.197	6.246	1438.	50.	0.	757.6	33.2	1
1281	0	560	37.3694	88.8936	-881.5		QAL	6.18	1.74	1.26	0.281	1.380	4.911	1447.	38.	0.	757.6	33.2	1
1282	10	560	37.3694	88.8943	-879.0		QAL	6.94	0.53	1.31	0.0	0.0	5.300	1330.	35.	0.	758.7	33.2	1
1283	0	556	37.3694	88.8950	-878.7		QAL	8.21	2.02	0.91	0.246	2.210	8.982	1341.	42.	0.	757.6	33.2	1
1284	10	560	37.3694	88.8957	-880.0		QAL	7.93	-0.45	1.33	0.0	0.0	5.972	1347.	40.	0.	756.6	33.2	1
1285	0	560	37.3694	88.8963	-878.0		QAL	5.26	3.37	0.95	0.641	3.557	5.545	1353.	40.	0.	757.1	33.2	1
1286	0	560	37.3694	88.8970	-877.5		QAL	7.69	1.78	0.70	0.231	2.520	10.912	1307.	36.	0.	757.1	33.2	1
1287	0	564	37.3694	88.8978	-879.7		MCL	6.00	1.97	1.16	0.329	1.706	5.194	1364.	46.	0.	757.1	33.2	1
1288	10	556	37.3694	88.8985	-878.7		MCL	4.87	1.51	1.24	0.0	0.0	3.941	1371.	42.	4.	757.6	33.3	1
1289	0	516	37.3694	88.8992	-878.5		MCL	4.48	2.92	1.00	0.651	2.907	4.468	1397.	34.	5.	757.6	33.3	1
1290	0	500	37.3694	88.9000	-880.5		MCL	6.07	2.84	1.14	0.467	2.499	5.347	1481.	46.	7.	757.1	33.3	1
1291	10	496	37.3694	88.9007	-880.0		MCL	7.56	0.77	1.41	0.0	0.0	5.377	1591.	37.	7.	757.6	33.3	1
1292	0	500	37.3694	88.9014	-877.2		MCL	4.41	2.57	1.21	0.583	2.133	3.660	1429.	47.	8.	757.6	33.4	1
1293	10	480	37.3694	88.9021	-879.5		MCL	5.26	1.13	0.71	0.0	0.0	7.386	1387.	50.	5.	757.1	33.3	1
1294	0	476	37.3694	88.9028	-877.5		MCL	6.88	2.41	0.94	0.351	2.579	7.350	1344.	36.	5.	757.1	33.4	1
1295	10	460	37.3694	88.9036	-874.7		MCL	6.82	0.78	1.16	0.0	0.0	5.892	1295.	56.	6.	757.6	33.4	1
1296	0	436	37.3694	88.9043	-875.2		MCL	4.42	2.05	0.77	0.464	2.657	5.726	1168.	41.	5.	756.6	33.2	1
1297	0	416	37.3695	88.9050	-875.2		MCL	5.48	1.60	0.95	0.292	1.682	5.760	1182.	39.	2.	755.5	33.3	1
1298	10	396	37.3695	88.9057	-879.5		MCL	6.36	1.22	1.03	0.0	0.0	6.154	1179.	39.	0.	756.6	33.3	1
1299	0	412	37.3695	88.9065	-879.2		MCL	6.21	2.74	0.95	0.441	2.871	6.504	1304.	49.	0.	757.1	33.3	1
1300	0	380	37.3695	88.9072	-872.0		MCL	5.44	2.41	0.92	0.443	2.612	5.898	1345.	38.	1.	756.6	33.3	1
1301	10	400	37.3695	88.9079	-872.0		MCL	7.13	0.77	1.19	0.0	0.0	5.984	1419.	46.	2.	755.5	33.3	1
1302	0	400	37.3695	88.9086	-875.7		MCL	8.32	2.95	1.24	0.355	2.381	6.706	1550.	44.	1.	756.6	33.4	1
1303	0	396	37.3695	88.9093	-874.0		MCL	8.71	2.18	1.57	0.251	1.392	5.552	1618.	38.	2.	757.6	33.3	1
1304	0	392	37.3695	88.9100	-874.5		MCL	7.27	2.26	1.34	0.310	1.686	5.432	1695.	43.	4.	757.6	33.4	1
1305	0	388	37.3695	88.9108	-875.2		MCL	9.00	2.64	1.27	0.293	2.072	7.068	1575.	37.	4.	756.6	33.4	1
1306	0	380	37.3695	88.9115	-869.2		MCL	6.68	1.57	1.09	0.236	1.449	6.141	1430.	40.	3.	756.6	33.4	1
1307	0	352	37.3695	88.9122	-869.2		MCL	5.32	1.96	0.75	0.368	2.623	7.134	1148.	45.	1.	757.1	33.4	1
1308	10	352	37.3696	88.9129	-872.5		MCL	6.49	0.92	0.66	0.0	0.0	9.849	990.	41.	0.	757.1	33.4	1
1309	0	396	37.3696	88.9136	-872.5		MCL	5.36	2.39	0.44	0.446	5.451	12.220	978.	48.	0.	756.6	33.4	1
1310	10	428	37.3696	88.9143	-872.7		MCL	2.28	0.74	0.89	0.0	0.0	2.562	985.	33.	2.	756.6	33.5	1
1311	0	444	37.3696	88.9151	-871.5		MCL	2.88	2.27	0.53	0.789	4.315	5.468	1017.	43.	2.	757.1	33.4	1
1312	10	472	37.3696	88.9158	-871.5		MCL	6.01	1.38	0.87	0.0	0.0	6.916	1042.	49.	1.	757.1	33.5	1
1313	0	480	37.3696	88.9165	-873.2		MCL	6.77	2.33	0.84	0.343	2.766	8.056	1048.	51.	1.	756.6	33.4	1
1314	10	480	37.3696	88.9172	-873.2		MCL	8.27	0.15	0.92	0.0	0.0	9.004	1171.	28.	1.	756.6	33.4	1
1315	10	484	37.3696	88.9179	-873.5		MCL	5.87	0.44	0.69	0.0	0.0	8.488	1024.	42.	1.	757.1	33.4	1
1316	10	488	37.3696	88.9187	-876.0		MCL	6.91	0.22	0.83	0.0	0.0	8.291	1040.	41.	2.	757.1	33.4	1
1317	10	492	37.3696	88.9193	-875.7		MCL	8.05	0.79	0.76	0.0	0.0	10.626	1081.	36.	0.	757.1	33.4	1
1318	0	488	37.3696	88.9200	-873.7		MCL	7.09	1.65	0.68	0.233	2.438	10.455	1014.	51.	0.	757.1	33.4	1
1319	10	484	37.3696	88.9207	-873.7		MCL	6.75	1.08	0.87	0.0	0.0	7.768	1046.	44.	0.	757.6	33.4	1
1320	10	484	37.3696	88.9215	-874.0		MCL	6.54	0.61	0.76	0.0	0.0	8.552	1058.	26.	3.	757.1	33.4	1
1321	0	492	37.3696	88.9222	-873.5		MCL	4.32	1.73	0.66	0.401	2.608	6.509	992.	49.	5.	756.1	33.4	1
1322	10	492	37.3696	88.9229	-873.5		MCL	2.75	0.96	0.76	0.0	0.0	3.596	971.	51.	2.	757.6	33.4	1
1323	10	488	37.3696	88.9236	-872.7		MCL	3.86	0.98	0.93	0.0	0.0	4.130	1007.	48.	8.	757.6	33.4	1
1324	10	492	37.3696	88.9243	-870.5		MCL	4.22	0.50	0.72	0.0	0.0	5.862	959.	44.	6.	756.6	33.4	1
1325	0	476	37.3696	88.9250	-871.5		MCL	3.78	1.51	0.71	0.401	2.122	5.295	991.	35.	5.	757.1	33.4	1

CP9 IP12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1326	10	480	37.3696	88.9258	-871.0		MCL	5.02	0.97	0.76	0.0	0.0	6.566	1047.	32.	5.	757.1	33.5	1
1327	0	476	37.3696	88.9265	-869.5		QAL	5.27	2.30	0.73	0.436	3.130	7.177	1047.	44.	1.	756.6	33.5	1
1328	0	476	37.3696	88.9272	-871.5		QAL	3.63	2.20	0.71	0.608	3.117	5.126	1012.	33.	2.	757.6	33.5	1
1329	10	476	37.3696	88.9279	-872.2		QAL	6.00	0.02	0.91	0.0	0.0	6.557	1012.	41.	2.	758.1	33.5	1
1330	10	484	37.3697	88.9286	-868.7		QAL	4.43	0.92	0.70	0.0	0.0	6.336	1036.	40.	0.	757.1	33.5	1
1331	0	480	37.3697	88.9294	-868.7		QAL	3.55	2.88	0.95	0.811	3.038	3.747	1011.	42.	0.	757.1	33.5	1
1332	10	476	37.3697	88.9301	-872.5		QAL	5.18	1.23	0.81	0.0	0.0	6.388	1008.	45.	0.	757.6	33.5	1
1333	0	484	37.3697	88.9308	-871.0		QAL	5.81	2.73	0.47	0.470	5.766	12.274	976.	37.	0.	757.6	33.5	1
1334	0	492	37.3697	88.9315	-868.0		QAL	6.05	1.74	0.74	0.287	2.341	8.158	1020.	47.	0.	757.1	33.5	1
1335	0	488	37.3697	88.9323	-870.5		QAL	2.40	2.94	0.51	1.225	5.762	4.704	893.	44.	0.	756.6	33.5	1
1336	10	496	37.3697	88.9330	-869.7		QAL	4.58	1.20	0.63	0.0	0.0	7.256	893.	43.	0.	756.6	33.5	1
1337	0	484	37.3697	88.9337	-868.0		QAL	4.26	2.26	0.66	0.530	3.444	6.502	901.	43.	0.	757.1	33.5	1
1338	10	488	37.3697	88.9344	-869.7		QAL	6.04	0.35	0.85	0.0	0.0	7.117	963.	37.	0.	757.1	33.5	1
1339	10	488	37.3697	88.9351	-870.2		QAL	4.89	1.04	0.91	0.0	0.0	5.357	1012.	42.	0.	756.6	33.5	1
1340	0	488	37.3697	88.9359	-868.0		QAL	3.55	2.37	0.70	0.668	3.394	5.082	1007.	39.	0.	756.6	33.5	1
1341	0	488	37.3697	88.9366	-867.0		QAL	5.71	1.59	0.84	0.279	1.898	6.810	1072.	40.	0.	757.6	33.5	1
1342	0	484	37.3697	88.9373	-865.7		QAL	6.47	1.44	0.68	0.222	2.129	9.575	1056.	41.	0.	758.1	33.5	1
1343	10	484	37.3697	88.9380	-867.7		QAL	6.74	0.45	0.62	0.0	0.0	10.875	974.	46.	0.	757.1	33.5	1
1344	10	480	37.3697	88.9388	-869.2		QAL	4.63	0.90	0.71	0.0	0.0	6.546	986.	37.	0.	757.1	33.5	1
1345	0	484	37.3697	88.9395	-867.0		QAL	3.75	2.01	0.76	0.536	2.659	4.962	986.	31.	0.	757.6	33.5	1
1346	10	484	37.3697	88.9402	-866.2		QAL	4.55	0.96	0.59	0.0	0.0	7.763	974.	35.	0.	757.6	33.5	1
1347	10	488	37.3697	88.9409	-870.2		QAL	5.08	1.30	1.10	0.0	0.0	4.605	1108.	42.	0.	757.1	33.5	1
1348	10	528	37.3697	88.9416	-868.0		QAL	7.24	0.88	1.10	0.0	0.0	6.567	1153.	46.	0.	757.6	33.5	1
1349	0	564	37.3697	88.9422	-864.7		QAL	6.88	2.68	1.13	0.390	2.364	6.069	1406.	38.	0.	757.6	33.5	1
1350	0	524	37.3697	88.9430	-869.0		QAL	3.75	3.02	0.80	0.806	3.785	4.697	1205.	53.	0.	757.1	33.5	1
1351	0	548	37.3697	88.9437	-867.2		QAL	6.12	2.79	0.87	0.456	3.211	7.046	1336.	32.	0.	757.6	33.4	1
1352	0	540	37.3698	88.9444	-867.7		QAL	5.76	2.18	0.80	0.378	2.729	7.210	1240.	38.	0.	757.6	33.4	1
1353	10	488	37.3698	88.9452	-870.2		QAL	6.28	1.34	1.14	0.0	0.0	5.507	1177.	37.	2.	757.1	33.4	1
1354	0	528	37.3698	88.9458	-865.5		QAL	4.28	2.33	0.83	0.545	2.818	5.173	1255.	34.	4.	757.1	33.4	1
1355	10	544	37.3698	88.9466	-863.5		QAL	6.31	0.26	0.98	0.0	0.0	6.471	1199.	34.	8.	757.6	33.4	1
1356	0	508	37.3698	88.9473	-866.2		QAL	3.28	1.71	0.90	0.520	1.888	3.631	1143.	42.	5.	757.6	33.5	1
1357	0	500	37.3698	88.9480	-866.7		QAL	5.79	1.47	1.04	0.254	1.420	5.589	1093.	42.	0.	757.6	33.5	1
1358	0	500	37.3698	88.9487	-868.2		QAL	6.45	1.67	0.81	0.259	2.060	7.965	1083.	35.	0.	757.1	33.5	1
1359	10	496	37.3698	88.9495	-869.2		QAL	5.37	1.28	0.79	0.0	0.0	6.824	1018.	37.	1.	757.1	33.5	1
1360	0	484	37.3698	88.9502	-869.0		QAL	4.46	2.25	0.87	0.505	2.576	5.099	1018.	35.	0.	757.1	33.5	1
1361	0	492	37.3698	88.9509	-868.7		QAL	3.82	2.76	0.52	0.722	5.259	7.281	988.	48.	0.	757.1	33.5	1
1362	0	488	37.3698	88.9516	-866.5		QAL	3.54	2.18	0.72	0.614	3.017	4.911	872.	40.	0.	757.6	33.5	1
1363	0	500	37.3699	88.9523	-864.7		QAL	3.98	1.59	0.76	0.398	2.092	5.258	952.	28.	0.	757.6	33.4	1
1364	0	504	37.3699	88.9530	-867.2		QAL	5.01	2.55	0.73	0.509	3.498	6.877	906.	31.	0.	757.1	33.5	1
1365	10	504	37.3699	88.9538	-867.5		QAL	4.39	1.35	0.45	0.0	0.0	9.819	815.	46.	0.	757.1	33.4	1
1366	0	504	37.3699	88.9545	-866.2		QAL	2.88	1.22	0.66	0.424	1.862	4.393	721.	33.	0.	757.6	33.5	1
1367	10	504	37.3699	88.9552	-870.0		QAL	4.26	1.10	0.33	0.0	0.0	12.928	652.	45.	0.	757.6	33.5	1
1368	10	508	37.3699	88.9559	-868.2		QAL	3.12	1.08	0.45	0.0	0.0	6.859	611.	38.	0.	757.1	33.5	1
1369	0	504	37.3699	88.9566	-868.0		QAL	3.57	1.82	0.57	0.509	3.202	6.290	718.	37.	0.	757.1	33.5	1
1370	10	516	37.3699	88.9573	-868.2		QAL	3.48	-0.04	0.80	0.0	0.0	4.368	802.	50.	0.	757.6	33.5	1
1371	0	520	37.3699	88.9581	-868.5		QAL	5.81	1.69	0.55	0.291	3.053	10.494	917.	48.	0.	757.6	33.5	1
1372	10	508	37.3699	88.9588	-867.7		QAL	3.31	1.02	0.80	0.0	0.0	4.157	1006.	38.	0.	757.1	33.5	1
1373	0	504	37.3699	88.9595	-867.5		QAL	4.80	3.14	0.66	0.654	4.726	7.220	1028.	32.	0.	757.1	33.4	1
1374	0	504	37.3699	88.9602	-867.2		QAL	5.17	3.03	0.61	0.585	4.988	8.524	1054.	23.	0.	757.1	33.4	1
1375	0	512	37.3699	88.9609	-867.7		QAL	4.28	1.63	0.90	0.380	1.817	4.777	1087.	45.	1.	757.1	33.4	1
1376	0	508	37.3699	88.9617	-865.2		MCL	7.26	2.02	0.79	0.279	2.564	9.199	1057.	39.	0.	757.6	33.4	1
1377	0	536	37.3699	88.9624	-868.0		MCL	3.76	1.89	0.79	0.502	2.390	4.760	1116.	45.	0.	757.6	33.4	1
1378	0	564	37.3699	88.9631	-872.0		MCL	4.95	2.19	0.98	0.442	2.227	5.036	1275.	55.	2.	756.6	33.4	1

CP9 LP 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1379	0	548	37.3699	88.9638	-868.5	MCL	4.76	3.78	0.40	0.794	9.363	11.792	1220.	39.	0.	756.1	33.4	1
1380	0	556	37.3699	88.9645	-867.0	MCL	6.46	2.41	0.75	0.374	3.220	8.614	1226.	43.	0.	756.1	33.4	1
1381	0	532	37.3699	88.9652	-869.0	MCL	7.32	1.93	0.69	0.264	2.807	10.615	1207.	40.	3.	756.6	33.4	1
1382	0	520	37.3699	88.9659	-867.7	MCL	5.56	1.81	0.73	0.325	2.461	7.566	1168.	43.	5.	756.6	33.4	1
1383	10	520	37.3699	88.9666	-867.7	MCL	5.02	1.43	0.80	0.0	0.0	6.300	1176.	39.	3.	757.1	33.4	1
1384	10	524	37.3699	88.9673	-869.5	MCL	8.19	1.49	0.70	0.0	0.0	11.779	1207.	38.	3.	757.1	33.5	1
1385	0	544	37.3700	88.9681	-868.7	MCL	5.76	2.00	0.83	0.348	2.419	6.958	1175.	44.	3.	757.1	33.4	1
1386	0	552	37.3700	88.9688	-869.0	MCL	6.20	2.28	0.89	0.368	2.566	6.975	1247.	50.	5.	757.1	33.4	1
1387	10	564	37.3700	88.9695	-872.0	MCL	4.52	1.12	1.14	0.0	0.0	3.983	1205.	45.	3.	757.6	33.4	1
1388	10	564	37.3700	88.9702	-871.0	MCL	7.11	0.40	1.30	0.0	0.0	5.453	1268.	35.	2.	757.6	33.5	1
1389	0	560	37.3700	88.9709	-868.0	MCL	5.16	3.04	0.73	0.588	4.150	7.055	1295.	30.	2.	757.1	33.4	1
1390	0	552	37.3700	88.9716	-867.2	MCL	6.26	1.85	1.27	0.295	1.456	4.927	1355.	37.	0.	757.1	33.4	1
1391	0	552	37.3700	88.9724	-868.5	MCL	7.95	3.14	1.03	0.394	3.047	7.726	1475.	39.	0.	757.6	33.4	1
1392	0	544	37.3700	88.9731	-867.7	MCL	7.20	2.30	1.07	0.320	2.156	6.741	1449.	52.	2.	757.6	33.4	1
1393	10	528	37.3700	88.9738	-870.2	QAL	6.97	0.55	1.30	0.0	0.0	5.356	1418.	44.	4.	757.6	33.5	1
1394	0	520	37.3700	88.9745	-868.7	QAL	5.04	2.60	0.93	0.515	2.785	5.409	1495.	35.	3.	758.1	33.5	1
1395	0	512	37.3700	88.9753	-864.5	QAL	4.32	2.67	1.03	0.618	2.597	4.200	1388.	43.	0.	757.1	33.5	1
1396	0	516	37.3700	88.9760	-868.2	QAL	6.26	1.64	1.26	0.262	1.303	4.971	1355.	44.	0.	756.1	33.5	1
1397	0	524	37.3700	88.9767	-870.2	QAL	5.92	2.75	0.91	0.464	3.027	6.518	1322.	42.	0.	756.6	33.6	1
1398	0	500	37.3700	88.9774	-867.2	QAL	3.47	2.08	0.61	0.598	3.377	5.646	910.	46.	0.	757.6	33.5	1
1399	10	520	37.3700	88.9782	-867.7	QAL	3.95	0.85	0.56	0.0	0.0	7.010	782.	49.	0.	757.6	33.5	1
1400	10	556	37.3700	88.9789	-868.5	QAL	3.46	-0.46	0.72	0.0	0.0	4.825	615.	42.	1.	757.6	33.5	1
1401	10	560	37.3700	88.9796	-869.5	QAL	2.54	0.09	0.29	0.0	0.0	8.771	500.	29.	5.	757.6	33.5	1
1402	10	564	37.3700	88.9803	-872.2	QAL	1.75	1.33	0.25	0.0	0.0	7.014	450.	45.	2.	757.6	33.5	1
1403	10	564	37.3700	88.9810	-870.2	QAL	3.05	-0.03	0.24	0.0	0.0	12.748	511.	39.	7.	758.1	33.5	1
1404	10	564	37.3700	88.9818	-867.2	QAL	3.68	1.31	0.29	0.0	0.0	12.884	739.	33.	4.	757.1	33.5	1
1405	0	564	37.3700	88.9825	-870.7	QAL	2.77	2.73	0.50	0.985	5.460	5.540	892.	42.	6.	756.6	33.5	1
1406	10	548	37.3700	88.9832	-870.2	QAL	4.27	0.78	0.70	0.0	0.0	6.089	953.	36.	6.	757.1	33.6	1
1407	10	504	37.3701	88.9839	-869.0	MCL	5.14	1.41	0.74	0.0	0.0	6.997	971.	41.	3.	757.1	33.5	1
1408	0	500	37.3701	88.9846	-872.0	MCL	2.88	2.26	0.66	0.784	3.397	4.335	1034.	34.	4.	757.1	33.6	1
1409	0	496	37.3701	88.9853	-873.7	MCL	4.69	1.63	0.67	0.346	2.412	6.961	1005.	43.	3.	757.6	33.5	1
1410	10	496	37.3701	88.9861	-869.0	MCL	5.69	0.91	1.00	0.0	0.0	5.670	1072.	39.	0.	757.6	33.6	1
1411	0	496	37.3701	88.9868	-868.0	MCL	4.25	1.79	1.22	0.421	1.468	3.490	1164.	42.	0.	757.6	33.6	1
1412	10	480	37.3701	88.9874	-870.2	MCL	4.60	0.94	1.03	0.0	0.0	4.486	1165.	37.	0.	757.6	33.6	1
1413	10	456	37.3701	88.9882	-870.2	MCL	7.05	1.28	0.91	0.0	0.0	7.771	1257.	37.	0.	757.6	33.5	1
1414	0	448	37.3701	88.9889	-869.0	MCL	5.54	2.68	0.93	0.483	2.878	5.964	1362.	34.	0.	757.6	33.5	1
1415	10	472	37.3701	88.9896	-869.2	MCL	6.19	1.07	1.38	0.0	0.0	4.493	1433.	51.	0.	758.1	33.4	1
1416	0	496	37.3701	88.9903	-871.0	MCL	7.54	2.41	1.44	0.319	1.673	5.249	1649.	29.	0.	757.6	33.5	1
1417	0	492	37.3701	88.9910	-872.0	MCL	6.67	2.43	1.53	0.365	1.589	4.355	1698.	44.	0.	757.1	33.4	1
1418	0	480	37.3701	88.9917	-871.7	MCL	8.81	2.86	0.99	0.324	2.885	8.897	1620.	39.	0.	757.6	33.5	1
1419	0	464	37.3701	88.9925	-868.2	MCL	9.76	2.02	1.29	0.207	1.570	7.586	1572.	42.	0.	757.6	33.5	1
1420	0	440	37.3701	88.9932	-871.0	MCL	7.91	2.18	1.23	0.276	1.778	6.445	1593.	35.	1.	757.1	33.5	1
1421	10	436	37.3701	88.9939	-873.5	MCL	7.64	1.02	1.60	0.0	0.0	4.764	1596.	42.	1.	757.1	33.5	1
1422	0	436	37.3701	88.9946	-871.0	MCL	9.33	2.05	1.19	0.220	1.720	7.826	1536.	44.	2.	757.6	33.5	1
1423	0	440	37.3701	88.9953	-869.2	MCL	7.00	3.91	1.38	0.559	2.829	5.058	1721.	36.	0.	757.6	33.5	1
1424	10	448	37.3701	88.9961	-874.7	MCL	7.40	0.93	1.59	0.0	0.0	4.659	1564.	44.	4.	757.1	33.6	1
1425	0	456	37.3701	88.9968	-874.5	MCL	8.55	2.90	0.97	0.339	2.973	8.766	1552.	48.	0.	756.6	33.6	1
1426	0	472	37.3701	88.9975	-875.2	MCL	7.87	3.18	1.23	0.403	2.579	6.392	1522.	37.	2.	757.1	33.6	1
1427	0	448	37.3701	88.9982	-874.2	MCL	7.78	1.78	0.97	0.229	1.847	8.065	1375.	45.	1.	757.6	33.6	1
1428	0	444	37.3701	88.9989	-872.0	MCL	7.18	1.55	0.82	0.216	1.890	8.768	1372.	44.	2.	756.6	33.6	1
1429	0	500	37.3702	88.9996	-873.0	MCL	5.66	3.64	0.90	0.643	4.049	6.293	1358.	48.	3.	757.1	33.6	1
1430	10	524	37.3702	89.0004	-872.5	MCL	8.29	0.40	1.02	0.0	0.0	8.128	1296.	45.	2.	757.1	33.6	1
1431	0	520	37.3702	89.0011	-870.7	MCL	4.50	1.44	1.12	0.321	1.292	4.022	1320.	47.	1.	756.6	33.6	1

CP9 IP12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1432	0	516	37.3702	89.0018	-873.5	MCL	7.10	2.18	1.07	0.307	2.039	6.634	1333.	39.	1.	756.6	33.7	1
1433	10	512	37.3702	89.0025	-874.5	MCL	6.26	0.94	1.12	0.0	0.0	5.591	1257.	43.	0.	757.1	33.7	1
1434	0	556	37.3702	89.0032	-874.7	MCL	4.58	2.19	1.23	0.477	1.778	3.726	1367.	46.	0.	756.6	33.7	1
1435	10	540	37.3702	89.0039	-874.5	MCL	6.27	0.93	1.23	0.0	0.0	5.087	1293.	42.	2.	757.1	33.7	1
1436	0	440	37.3702	89.0047	-873.5	MCL	6.65	1.93	0.80	0.290	2.401	8.268	1167.	39.	0.	757.1	33.7	1
1437	10	432	37.3702	89.0054	-874.2	MCL	6.65	1.11	0.85	0.0	0.0	7.868	1194.	35.	0.	757.6	33.7	1
1438	0	472	37.3702	89.0061	-875.2	MCL	7.62	3.67	0.89	0.482	4.111	8.529	1282.	48.	0.	757.6	33.7	1
1439	0	532	37.3702	89.0069	-873.2	MCL	7.04	1.82	1.03	0.259	1.775	6.858	1336.	33.	0.	756.6	33.7	1
1440	0	492	37.3702	89.0076	-875.7	MCL	7.23	2.36	1.10	0.326	2.136	6.548	1377.	45.	0.	757.1	33.7	1
1441	0	472	37.3702	89.0083	-874.2	MCL	6.57	1.99	1.44	0.304	1.386	4.564	1498.	37.	0.	757.1	33.7	1
1442	0	464	37.3702	89.0090	-872.7	MCL	10.09	1.98	1.55	0.196	1.281	6.523	1555.	46.	0.	756.6	33.7	1
1443	10	460	37.3702	89.0096	-874.0	MCL	8.56	1.11	1.56	0.0	0.0	5.472	1599.	36.	0.	757.6	33.7	1
1444	0	464	37.3702	89.0104	-872.0	MCL	7.09	3.66	1.04	0.516	3.528	6.834	1654.	40.	1.	758.1	33.6	1
1445	0	464	37.3702	89.0111	-873.2	MCL	5.09	1.48	1.12	0.290	1.315	4.532	1428.	44.	3.	756.6	33.6	1
1446	10	456	37.3702	89.0118	-878.0	MCL	8.13	0.95	1.11	0.0	0.0	7.319	1387.	38.	2.	757.1	33.6	1
1447	0	464	37.3702	89.0125	-874.5	MCL	5.60	2.22	0.99	0.397	2.242	5.652	1180.	48.	3.	758.7	33.6	1
1448	10	532	37.3702	89.0132	-875.5	MCL	7.50	1.55	1.14	0.0	0.0	6.594	1321.	30.	3.	757.6	33.7	1
1449	0	548	37.3702	89.0139	-879.0	MCL	4.95	1.80	0.79	0.364	2.286	6.276	1252.	36.	4.	756.6	33.6	1
1450	0	504	37.3702	89.0147	-875.7	MCL	5.85	1.92	1.02	0.327	1.873	5.723	1289.	40.	0.	757.1	33.7	1
1451	0	452	37.3703	89.0154	-875.2	MCL	5.97	1.54	0.96	0.259	1.608	6.214	1222.	41.	0.	757.6	33.7	1
1452	10	436	37.3703	89.0161	-877.7	MCL	6.46	0.32	1.01	0.0	0.0	6.418	1170.	51.	0.	757.6	33.7	1
1453	0	440	37.3703	89.0168	-876.7	MCL	6.92	2.07	0.78	0.298	2.659	8.914	1305.	31.	0.	757.1	33.7	1
1454	0	444	37.3703	89.0175	-876.2	MCL	4.62	2.46	1.12	0.532	2.194	4.120	1316.	51.	0.	757.6	33.7	1
1455	0	428	37.3703	89.0183	-873.0	MCL	5.63	3.67	1.10	0.651	3.340	5.129	1450.	32.	0.	757.1	33.7	1
1456	0	424	37.3703	89.0190	-872.5	MCL	6.42	2.99	0.87	0.466	3.453	7.408	1365.	44.	0.	757.6	33.7	1
1457	0	428	37.3703	89.0197	-874.2	MCL	6.00	2.60	0.86	0.433	3.021	6.983	1389.	53.	0.	757.6	33.7	1
1458	0	432	37.3703	89.0204	-870.5	MCL	6.65	1.61	0.97	0.242	1.662	6.862	1329.	43.	0.	757.6	33.7	1
1459	10	428	37.3703	89.0212	-870.7	MCL	7.12	0.95	1.15	0.0	0.0	6.198	1409.	43.	2.	757.6	33.7	1
1460	0	424	37.3703	89.0219	-875.7	MCL	6.61	3.45	1.09	0.523	3.181	6.082	1526.	32.	1.	756.1	33.7	1
1461	0	416	37.3703	89.0226	-875.5	MCL	7.57	3.49	1.05	0.461	3.314	7.190	1618.	45.	2.	756.6	33.7	1
1462	0	412	37.3703	89.0233	-873.5	MCL	6.58	2.45	1.14	0.373	2.149	5.765	1541.	45.	1.	757.1	33.7	1
1463	0	412	37.3703	89.0240	-870.0	MCL	8.57	2.51	1.00	0.292	2.502	8.555	1689.	42.	1.	757.1	33.6	1
1464	0	416	37.3703	89.0248	-869.0	MCL	8.97	1.80	1.55	0.201	1.163	5.780	1696.	36.	4.	757.6	33.7	1
1465	0	404	37.3703	89.0255	-872.0	MCL	7.88	3.20	1.24	0.406	2.575	6.338	1669.	46.	2.	758.1	33.7	1
1466	0	400	37.3703	89.0262	-873.0	MCL	7.03	2.49	1.18	0.355	2.114	5.959	1683.	40.	4.	757.1	33.7	1
1467	0	408	37.3703	89.0269	-871.5	MCL	7.62	3.91	1.31	0.513	2.977	5.803	1737.	59.	3.	757.1	33.7	1
1468	0	412	37.3703	89.0276	-872.5	MCL	7.66	2.34	1.35	0.305	1.737	5.691	1701.	49.	1.	757.1	33.7	1
1469	0	412	37.3703	89.0284	-871.5	MCL	7.56	4.45	1.00	0.588	4.425	7.524	1628.	41.	1.	757.6	33.7	1
1470	0	404	37.3703	89.0291	-871.5	MCL	6.33	3.81	1.24	0.602	3.065	5.093	1708.	37.	0.	758.1	33.7	1
1471	0	396	37.3703	89.0298	-870.5	MCL	7.34	3.36	1.29	0.458	2.611	5.704	1647.	36.	0.	757.6	33.7	1
1472	0	400	37.3703	89.0305	-869.2	MCL	7.26	3.99	1.13	0.549	3.544	6.452	1629.	36.	1.	757.6	33.7	1
1473	10	392	37.3704	89.0312	-871.2	MCL	6.92	0.02	1.12	0.0	0.0	6.189	1260.	54.	5.	758.1	33.7	1
1474	10	424	37.3704	89.0319	-871.0	MCL	5.83	1.15	1.08	0.0	0.0	5.407	1228.	26.	4.	757.6	33.8	1
1475	10	444	37.3704	89.0326	-868.2	MCL	6.08	1.00	0.75	0.0	0.0	8.163	1229.	45.	10.	757.6	33.8	1
1476	10	440	37.3704	89.0333	-871.7	MCL	9.27	0.49	0.80	0.0	0.0	11.548	1296.	29.	12.	757.6	33.8	1
1477	0	440	37.3704	89.0340	-874.0	MCL	6.21	1.85	1.15	0.298	1.608	5.397	1441.	46.	11.	757.6	33.8	1
1478	10	440	37.3704	89.0347	-872.2	MCL	6.58	0.04	1.34	0.0	0.0	4.893	1487.	28.	12.	757.1	33.9	1
1479	0	428	37.3704	89.0355	-874.0	MCL	7.18	2.46	1.08	0.342	2.275	6.656	1503.	30.	9.	757.1	33.9	1
1480	10	452	37.3704	89.0362	-874.0	MCL	4.75	0.82	1.06	0.0	0.0	4.461	1463.	47.	13.	757.6	33.9	1
1481	0	472	37.3704	89.0369	-871.2	MCL	5.98	2.59	1.03	0.433	2.511	5.806	1513.	51.	6.	757.1	33.9	1
1482	0	424	37.3704	89.0376	-871.2	MCL	5.87	1.82	1.19	0.310	1.528	4.922	1451.	51.	7.	756.6	33.9	1
1483	0	416	37.3704	89.0384	-874.0	MCL	7.38	1.85	0.94	0.251	1.963	7.829	1460.	38.	4.	757.1	33.9	1
1484	0	424	37.3705	89.0391	-873.5	MCL	7.38	3.10	1.28	0.420	2.412	5.749	1594.	34.	0.	757.1	34.0	1

CP9 1P12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1485	0	436	37.3705	89.0398	-872.7	MCL	9.33	2.47	1.36	0.265	1.820	6.863	1715.	36.	0.	756.6	34.0	1
1486	0	436	37.3705	89.0405	-871.5	MCL	8.99	1.58	1.39	0.176	1.140	6.482	1717.	35.	0.	757.1	34.0	1
1487	0	412	37.3704	89.0412	-870.7	MCL	11.06	2.34	1.27	0.212	1.842	8.698	1708.	31.	0.	757.1	34.0	1
1488	0	396	37.3704	89.0419	-873.0	MCL	7.77	2.07	1.45	0.266	1.424	5.351	1692.	53.	0.	756.6	34.0	1
1489	0	392	37.3704	89.0427	-873.2	MCL	8.07	2.91	1.19	0.361	2.440	6.762	1683.	37.	0.	757.1	34.0	1
1490	0	396	37.3704	89.0434	-874.0	MCL	6.26	2.55	1.54	0.407	1.662	4.079	1727.	46.	0.	756.6	34.0	1
1491	0	392	37.3704	89.0441	-876.5	MCL	9.02	2.53	1.13	0.280	2.231	7.961	1698.	54.	0.	756.1	34.0	1
1492	10	392	37.3704	89.0448	-878.2	MCL	9.18	0.49	1.45	0.0	0.0	6.332	1688.	47.	1.	756.6	34.0	1
1493	10	408	37.3704	89.0455	-872.5	MCL	10.27	1.47	1.26	0.0	0.0	8.142	1741.	44.	2.	756.6	34.1	1
1494	0	408	37.3704	89.0462	-870.2	MCL	8.04	1.87	1.61	0.232	1.157	4.988	1777.	33.	0.	756.6	34.1	1
1495	0	400	37.3705	89.0470	-873.2	MCL	7.95	2.81	1.37	0.353	2.054	5.821	1723.	40.	0.	756.6	34.1	1
1496	10	384	37.3705	89.0477	-873.2	MCL	7.21	1.13	1.19	0.0	0.0	6.069	1540.	41.	0.	756.6	34.2	1
1497	0	388	37.3705	89.0484	-874.7	MCL	6.12	2.30	1.15	0.376	1.995	5.309	1418.	42.	0.	758.1	34.2	1
1498	0	388	37.3705	89.0491	-874.5	MCL	5.43	1.58	1.04	0.292	1.529	5.241	1251.	37.	0.	756.6	34.2	1
1499	10	384	37.3705	89.0499	-871.7	MCL	6.31	1.08	1.07	0.0	0.0	5.892	1142.	34.	0.	756.1	34.2	1
1500	0	412	37.3705	89.0506	-872.5	MCL	5.93	3.15	0.57	0.531	5.537	10.431	1138.	32.	0.	757.1	34.2	1
1501	0	456	37.3705	89.0513	-874.7	MCL	6.76	2.23	0.68	0.330	3.282	9.958	1261.	33.	0.	756.6	34.2	1
1502	0	472	37.3705	89.0520	-872.7	MCL	4.81	2.00	0.95	0.416	2.093	5.035	1161.	37.	0.	756.6	34.2	1
1503	0	504	37.3705	89.0527	-873.2	MCL	4.34	2.82	0.75	0.651	3.761	5.780	1308.	38.	0.	757.1	34.2	1
1504	0	556	37.3705	89.0534	-874.5	MCL	7.42	3.08	1.13	0.415	2.732	6.582	1473.	33.	1.	756.1	34.2	1
1505	0	556	37.3705	89.0542	-872.7	MCL	5.98	2.88	1.00	0.481	2.885	5.996	1449.	47.	0.	756.6	34.2	1
1506	0	552	37.3705	89.0548	-874.0	MCL	6.53	3.17	0.84	0.486	3.757	7.729	1396.	43.	3.	757.6	34.2	1
1507	0	548	37.3705	89.0555	-877.0	MCL	4.81	2.51	0.87	0.521	2.876	5.518	1367.	39.	5.	756.1	34.2	1
1508	0	544	37.3705	89.0562	-875.5	MCL	6.83	2.87	1.22	0.420	2.348	5.587	1412.	44.	1.	756.6	34.2	1
1509	10	500	37.3705	89.0569	-874.2	MCL	7.50	0.30	1.55	0.0	0.0	4.841	1309.	36.	4.	757.1	34.2	1
1510	10	488	37.3705	89.0576	-877.7	MCL	5.80	0.34	1.00	0.0	0.0	5.785	1185.	59.	5.	756.1	34.2	1
1511	0	472	37.3705	89.0582	-877.5	MCL	5.83	2.39	0.96	0.410	2.496	6.090	1272.	39.	0.	756.6	34.2	1
1512	0	456	37.3705	89.0590	-874.7	MCL	5.86	1.95	0.84	0.333	2.314	6.939	1188.	40.	1.	757.6	34.3	1
1513	0	472	37.3705	89.0596	-877.7	MCL	4.31	2.02	0.77	0.469	2.614	5.569	1200.	36.	4.	756.6	34.3	1
1514	0	468	37.3705	89.0603	-879.2	QAL	5.34	2.10	1.00	0.394	2.097	5.318	1221.	32.	2.	756.6	34.3	1
1515	0	464	37.3705	89.0610	-879.0	QAL	6.91	1.98	0.97	0.286	2.047	7.146	1272.	38.	1.	757.6	34.3	1
1516	10	468	37.3704	89.0617	-879.7	QAL	6.48	1.03	1.12	0.0	0.0	5.780	1317.	35.	0.	757.6	34.4	1
1517	10	480	37.3704	89.0623	-879.5	QAL	8.20	1.44	1.38	0.0	0.0	5.942	1293.	41.	1.	757.6	34.4	1
1518	0	504	37.3704	89.0630	-879.2	QAL	5.55	1.61	1.23	0.290	1.306	4.502	1290.	40.	0.	758.1	34.4	1
1519	0	500	37.3704	89.0637	-882.0	QAL	3.94	3.08	1.15	0.783	2.673	3.416	1322.	46.	0.	758.7	34.4	1
1520	0	500	37.3704	89.0644	-881.7	QAL	5.99	1.61	0.98	0.270	1.648	6.110	1229.	34.	0.	758.1	34.4	1
1521	0	500	37.3704	89.0651	-883.7	QAL	5.87	2.21	1.08	0.376	2.036	5.414	1259.	36.	2.	757.6	34.4	1
1522	10	496	37.3704	89.0658	-884.5	QAL	4.23	1.28	0.85	0.0	0.0	5.000	1080.	42.	4.	757.6	34.4	1
1523	0	496	37.3704	89.0666	-883.0	QAL	5.58	1.78	0.70	0.318	2.525	7.929	1129.	40.	4.	757.6	34.4	1
1524	0	496	37.3704	89.0672	-882.7	QAL	3.96	3.20	0.60	0.808	5.353	6.629	1026.	56.	2.	757.6	34.4	1
1525	10	496	37.3704	89.0679	-885.0	QAL	5.74	0.94	0.80	0.0	0.0	7.219	901.	37.	0.	757.6	34.4	1
1526	0	496	37.3704	89.0685	-889.2	QAL	3.09	1.51	0.46	0.490	3.310	6.761	674.	48.	1.	758.1	34.4	1
1527	0	492	37.3704	89.0693	-890.5	QAL	2.28	1.27	0.23	0.556	5.562	10.002	533.	41.	2.	758.1	34.4	1
1528	1	492	37.3704	89.0699	-889.7	QAL	2.96	1.32	0.14	0.446	0.0	0.0	492.	47.	2.	758.1	34.4	1
1529	0	492	37.3704	89.0707	-891.0	QAL	1.35	1.37	0.29	1.018	4.806	4.719	440.	39.	2.	758.7	34.4	1
1530	10	492	37.3704	89.0713	-893.7	QAL	2.44	0.99	0.23	0.0	0.0	10.647	457.	42.	0.	758.7	34.4	1
1531	10	492	37.3704	89.0720	-891.0	QAL	2.50	0.25	0.39	0.0	0.0	6.478	456.	41.	2.	758.7	34.4	1
1532	110	488	37.3704	89.0726	-888.7	QAL	0.39	0.42	0.29	0.0	0.0	0.0	385.	40.	3.	759.2	34.4	1
1533	10	488	37.3704	89.0734	-892.2	QAL	3.43	0.72	0.26	0.0	0.0	13.059	474.	47.	3.	759.2	34.4	1
1534	0	492	37.3703	89.0740	-894.5	QAL	2.70	1.45	0.38	0.538	3.843	7.143	649.	36.	5.	758.1	34.4	1
1535	10	496	37.3703	89.0748	-894.0	QAL	5.26	-0.22	0.66	0.0	0.0	7.968	970.	31.	6.	758.1	34.4	1
1536	10	496	37.3703	89.0753	-895.5	MVU	6.48	1.48	0.99	0.0	0.0	6.516	1231.	37.	6.	758.1	34.4	1
1537	0	496	37.3703	89.0761	-897.7	MVU	5.26	3.22	1.26	0.612	2.559	4.178	1412.	43.	7.	758.1	34.4	1

CP9 1P12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1538	10	496	37.3703	89.0768	-897.5		MVU	9.26	-0.79	1.47	0.0	0.0	6.307	1537.	42.	8.	758.7	34.4	1
1539	0	492	37.3703	89.0775	-899.2		MVU	6.40	3.16	1.41	0.493	2.232	4.523	1644.	37.	3.	758.7	34.4	1
1540	0	480	37.3703	89.0782	-901.7		MVU	8.08	2.51	1.06	0.311	2.375	7.640	1627.	29.	4.	758.1	34.4	1
1541	10	468	37.3703	89.0789	-902.0		MVU	6.75	1.04	1.80	0.0	0.0	3.749	1639.	44.	5.	758.1	34.4	1
1542	0	464	37.3703	89.0796	-903.0		MVU	6.72	2.44	1.09	0.363	2.247	6.182	1543.	39.	3.	758.1	34.5	1
1543	0	464	37.3702	89.0802	-901.7		MVU	9.80	1.64	1.14	0.168	1.445	8.609	1601.	31.	0.	758.1	34.4	1
1544	0	452	37.3702	89.0809	-903.2		MVU	6.51	3.43	0.97	0.527	3.531	6.703	1507.	40.	0.	758.1	34.5	1
1545	0	396	37.3702	89.0816	-908.0		MVU	6.25	2.87	1.00	0.459	2.881	6.271	1371.	45.	0.	758.7	34.4	1
1546	0	400	37.3702	89.0823	-907.5		MVU	6.09	2.76	1.19	0.454	2.328	5.129	1505.	42.	0.	758.7	34.4	1
1547	10	444	37.3702	89.0830	-906.0		MVU	7.85	0.77	1.45	0.0	0.0	5.405	1555.	46.	0.	758.1	34.4	1
1548	0	460	37.3702	89.0837	-908.0		MVU	5.77	3.35	1.16	0.582	2.887	4.963	1633.	36.	0.	758.1	34.4	1
1549	0	488	37.3702	89.0843	-911.5		MVU	8.98	2.00	1.39	0.223	1.439	6.458	1711.	48.	0.	757.6	34.4	1
1550	0	504	37.3702	89.0850	-913.2		MVU	10.07	2.07	1.44	0.205	1.437	7.006	1665.	34.	0.	757.6	34.4	1
1551	0	504	37.3702	89.0857	-911.5		MVU	9.41	4.49	1.30	0.477	3.451	7.231	1774.	32.	0.	757.6	34.4	1
1552	0	496	37.3702	89.0864	-912.7		MVU	6.40	5.07	1.10	0.793	4.597	5.796	1704.	46.	3.	757.1	34.4	1
1553	0	500	37.3702	89.0871	-914.7		MVU	7.20	2.63	1.36	0.365	1.935	5.307	1602.	37.	1.	757.1	34.3	1
1554	0	504	37.3702	89.0878	-914.7		MVU	6.88	2.91	1.43	0.424	2.031	4.794	1547.	44.	1.	757.6	34.4	1
1555	10	512	37.3702	89.0885	-916.2		QAL	9.57	0.53	1.47	0.0	0.0	6.514	1545.	42.	4.	757.1	34.3	1
1556	0	464	37.3702	89.0891	-921.0		QAL	4.30	2.54	1.33	0.590	1.907	3.231	1444.	34.	0.	757.1	34.4	1
1557	0	512	37.3702	89.0898	-920.5		QAL	6.87	3.54	1.47	0.515	2.415	4.690	1484.	32.	0.	757.6	34.4	1
1558	0	520	37.3702	89.0905	-922.0		QAL	7.46	2.56	1.57	0.344	1.636	4.759	1551.	52.	0.	757.6	34.4	1
1559	10	524	37.3702	89.0912	-922.2		QAL	7.34	1.51	1.20	0.0	0.0	6.144	1482.	36.	5.	757.6	34.4	1
1560	10	520	37.3702	89.0919	-923.0		QAL	7.40	1.60	1.53	0.0	0.0	4.848	1572.	38.	6.	758.1	34.3	1
1561	0	516	37.3701	89.0926	-925.5		QAL	5.65	2.40	1.42	0.425	1.694	3.984	1586.	30.	4.	758.7	34.3	1
1562	10	516	37.3701	89.0932	-930.7		QAL	7.32	0.48	1.53	0.0	0.0	4.771	1612.	37.	5.	759.2	34.3	1
1563	10	512	37.3701	89.0939	-929.2		QAL	7.61	0.58	1.53	0.0	0.0	4.983	1550.	44.	8.	758.1	34.3	1
1564	10	512	37.3701	89.0946	-929.7		QAL	8.77	1.39	1.57	0.0	0.0	5.598	1605.	35.	7.	757.6	34.3	1
1565	10	512	37.3701	89.0953	-933.0		QAL	6.14	1.45	1.35	0.0	0.0	4.544	1589.	39.	7.	757.6	34.3	1
1566	0	508	37.3701	89.0960	-931.7		QAL	5.52	2.42	1.36	0.439	1.776	4.046	1543.	44.	10.	756.6	34.3	1
1567	10	504	37.3701	89.0967	-933.5		QAL	8.49	1.01	1.37	0.0	0.0	6.211	1536.	44.	7.	758.1	34.3	1
1568	10	496	37.3701	89.0974	-937.2		QAL	8.18	1.16	1.47	0.0	0.0	5.587	1485.	39.	0.	758.7	34.3	1
1569	0	492	37.3701	89.0980	-937.5		QAL	9.08	1.81	1.07	0.200	1.698	8.499	1527.	45.	4.	758.1	34.3	1
1570	10	488	37.3700	89.0987	-936.7		QAL	7.29	1.04	1.68	0.0	0.0	4.341	1557.	31.	1.	758.1	34.3	1
1571	0	484	37.3700	89.0994	-937.5		QAL	6.87	2.07	1.55	0.302	1.335	4.422	1596.	45.	0.	758.7	34.3	1
1572	0	480	37.3700	89.1001	-939.7		QAL	8.85	1.96	1.44	0.221	1.356	6.128	1582.	42.	0.	759.2	34.3	1
1573	0	472	37.3700	89.1008	-943.7		QAL	6.65	3.60	1.30	0.541	2.778	5.132	1636.	43.	0.	759.2	34.3	1
1574	0	472	37.3700	89.1015	-945.5		QAL	5.71	1.75	1.52	0.307	1.156	3.766	1529.	42.	0.	758.7	34.3	1
1575	0	432	37.3700	89.1021	-945.5		QAL	7.71	2.36	1.20	0.306	1.961	6.411	1441.	45.	0.	758.7	34.3	1
1576	0	436	37.3700	89.1028	-946.5		QAL	6.61	3.19	0.94	0.482	3.402	7.057	1497.	41.	0.	759.2	34.3	1
1577	0	448	37.3700	89.1035	-945.7		MVU	6.51	4.38	1.00	0.673	4.390	6.524	1583.	33.	0.	758.1	34.3	1
1578	0	476	37.3700	89.1042	-948.0		MVU	5.47	3.70	1.37	0.676	2.692	3.982	1687.	40.	3.	758.1	34.3	1
1579	0	472	37.3700	89.1049	-950.7		MVU	9.01	5.13	1.24	0.569	4.140	7.272	1676.	41.	2.	759.2	34.3	1
1580	0	480	37.3700	89.1056	-949.7		MVU	7.88	2.23	1.19	0.283	1.870	6.602	1653.	39.	3.	758.7	34.3	1
1581	10	480	37.3700	89.1062	-953.7		MVU	8.02	1.63	1.31	0.0	0.0	6.129	1653.	48.	9.	759.2	34.3	1
1582	10	476	37.3700	89.1069	-955.7		MVU	8.00	1.65	1.64	0.0	0.0	4.876	1759.	40.	8.	759.2	34.3	1
1583	10	460	37.3700	89.1076	-954.0		MVU	10.04	1.57	1.33	0.0	0.0	7.551	1772.	38.	8.	758.7	34.3	1
1584	0	448	37.3700	89.1083	-955.5		MVU	8.67	2.20	1.11	0.254	1.983	7.812	1691.	32.	6.	758.7	34.3	1
1585	10	444	37.3700	89.1090	-958.5		MVU	8.29	1.52	1.23	0.0	0.0	6.730	1715.	42.	8.	759.2	34.2	1
1586	0	432	37.3700	89.1097	-959.2		MVU	8.58	1.54	1.35	0.180	1.142	6.343	1729.	29.	4.	758.7	34.2	1
1587	0	424	37.3700	89.1104	-959.2		MVU	9.25	2.23	1.28	0.241	1.737	7.203	1653.	39.	5.	758.1	34.2	1
1588	0	420	37.3699	89.1111	-961.2		MVU	9.16	3.04	1.00	0.332	3.034	9.150	1702.	29.	1.	758.7	34.2	1
1589	0	428	37.3699	89.1117	-964.5		MVU	7.42	1.84	1.42	0.248	1.299	5.245	1773.	30.	4.	758.7	34.3	1
1590	0	432	37.3699	89.1124	-964.2		MVU	5.59	2.92	1.42	0.522	2.051	3.927	1702.	33.	1.	758.7	34.3	1

* TAGS			* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1591	0	428	37.3699	89.1131	-963.7	MVU	7.28	3.83	1.25	0.527	3.053	5.798	1679.	39.	0.	758.1	34.3	1
1592	0	432	37.3699	89.1138	-969.2	MVU	7.11	3.29	1.20	0.463	2.747	5.937	1669.	37.	0.	758.7	34.3	1
1593	0	448	37.3699	89.1145	-969.5	MVU	10.30	2.57	1.33	0.249	1.923	7.722	1689.	43.	0.	758.1	34.3	1
1594	0	440	37.3699	89.1151	-966.2	MVU	8.72	3.17	1.26	0.364	2.518	6.918	1700.	51.	0.	757.6	34.3	1
1595	0	416	37.3699	89.1159	-967.7	MVU	6.73	3.03	1.39	0.450	2.177	4.837	1604.	39.	0.	758.7	34.3	1
1596	0	404	37.3699	89.1165	-972.0	MVU	6.91	3.50	1.22	0.507	2.881	5.689	1572.	49.	0.	759.2	34.3	1
1597	0	400	37.3699	89.1173	-975.5	MVU	7.81	2.48	1.15	0.318	2.167	6.820	1463.	42.	0.	758.1	34.3	1
1598	0	408	37.3699	89.1180	-977.7	MVU	6.82	2.63	1.00	0.386	2.628	6.807	1375.	52.	0.	758.7	34.3	1
1599	0	408	37.3699	89.1186	-976.0	MVU	8.04	1.38	1.26	0.172	1.100	6.387	1430.	33.	0.	759.2	34.3	1
1600	0	392	37.3699	89.1194	-978.2	MVU	5.41	1.88	1.46	0.348	1.288	3.702	1539.	40.	1.	758.1	34.3	1
1601	0	388	37.3699	89.1200	-981.7	MVU	7.89	2.95	1.15	0.374	2.561	6.838	1681.	50.	0.	758.7	34.3	1
1602	0	372	37.3699	89.1207	-980.0	MVU	8.07	3.31	1.28	0.410	2.596	6.327	1779.	36.	0.	758.7	34.3	1
1603	0	360	37.3699	89.1214	-978.0	MVU	7.17	2.36	1.23	0.329	1.912	5.803	1622.	41.	2.	758.1	34.3	1
1604	0	352	37.3699	89.1221	-979.7	MVU	6.98	3.98	1.12	0.570	3.551	6.227	1603.	42.	2.	759.2	34.3	1
1605	0	376	37.3699	89.1227	-986.7	MVU	7.91	1.57	1.36	0.199	1.152	5.800	1665.	45.	3.	759.2	34.3	1
1606	10	384	37.3698	89.1234	-990.5	MVU	9.21	1.31	1.46	0.0	0.0	6.303	1723.	41.	4.	758.7	34.3	1
1607	10	388	37.3698	89.1241	-990.2	MVU	9.05	1.32	1.36	0.0	0.0	6.675	1658.	44.	6.	758.7	34.3	1
1608	0	408	37.3698	89.1248	-991.5	MVU	7.83	2.42	1.26	0.309	1.925	6.232	1663.	46.	3.	757.6	34.3	1
1609	10	404	37.3698	89.1255	-992.5	MVU	7.83	1.12	1.29	0.0	0.0	6.068	1594.	41.	4.	758.7	34.3	1
1610	0	380	37.3698	89.1262	-992.7	MVU	7.61	2.21	1.27	0.291	1.746	6.008	1451.	39.	1.	758.7	34.2	1
1611	10	356	37.3698	89.1268	-992.7	MVU	8.66	0.03	1.05	0.0	0.0	8.260	1396.	40.	1.	758.1	34.3	1
1612	0	364	37.3698	89.1275	-993.7	MVU	7.89	2.47	1.18	0.313	2.099	6.710	1443.	41.	0.	759.7	34.3	1
1613	0	364	37.3698	89.1282	-996.5	MVU	5.92	3.30	1.00	0.557	3.302	5.931	1501.	39.	0.	758.7	34.3	1
1614	0	360	37.3698	89.1289	-999.0	MVU	5.70	2.65	1.07	0.465	2.479	5.334	1415.	33.	0.	758.1	34.3	1
1615	0	380	37.3697	89.1296	-997.2	MVU	6.11	2.13	1.43	0.348	1.487	4.273	1576.	39.	0.	759.2	34.2	1
1616	0	420	37.3697	89.1303	-996.7	MVU	5.69	3.30	1.15	0.580	2.865	4.944	1526.	56.	0.	758.1	34.2	1
1617	0	448	37.3697	89.1310	-999.0	MVU	7.68	3.17	1.19	0.413	2.663	6.452	1588.	35.	0.	758.1	34.2	1
1618	10	432	37.3697	89.1317	-999.2	MVU	10.00	1.04	1.40	0.0	0.0	7.165	1543.	35.	0.	758.7	34.2	1
1619	0	356	37.3697	89.1324	-999.5	MVU	6.93	1.58	1.05	0.228	1.511	6.621	1318.	39.	0.	758.1	34.2	1
1620	0	344	37.3697	89.1330	-999.2	MVU	4.58	1.82	0.95	0.396	1.917	4.839	1250.	40.	2.	759.2	34.2	1
1621	0	356	37.3697	89.1337	-1001.5	MVU	4.90	1.51	1.10	0.309	1.375	4.453	1270.	42.	3.	758.7	34.2	1
1622	0	400	37.3697	89.1344	-1002.2	MVU	5.16	3.11	1.16	0.603	2.672	4.433	1463.	37.	0.	757.6	34.2	1
1623	0	428	37.3697	89.1351	-1003.5	MVU	5.16	1.77	1.43	0.344	1.240	3.606	1460.	41.	1.	758.7	34.2	1
1624	0	420	37.3697	89.1357	-1005.2	MVU	5.59	1.90	1.28	0.341	1.485	4.360	1411.	37.	1.	758.1	34.2	1
1625	0	424	37.3697	89.1365	-1008.5	MVU	6.16	3.15	1.10	0.511	2.851	5.577	1462.	49.	0.	758.1	34.1	1
1626	0	480	37.3697	89.1371	-1007.7	QAL	4.36	4.07	1.17	0.933	3.492	3.742	1555.	40.	1.	759.2	34.2	1
1627	0	456	37.3697	89.1378	-1007.7	QAL	7.32	1.68	1.41	0.229	1.193	5.202	1611.	38.	3.	758.1	34.2	1
1628	0	448	37.3697	89.1385	-1010.2	QAL	8.96	1.91	1.20	0.213	1.589	7.470	1588.	42.	4.	758.1	34.2	1
1629	0	476	37.3697	89.1392	-1012.7	QAL	6.21	4.28	1.22	0.690	3.507	5.081	1608.	34.	0.	759.7	34.1	1
1630	10	488	37.3697	89.1399	-1015.2	QAL	9.06	0.10	1.38	0.0	0.0	6.583	1510.	42.	4.	758.7	34.2	1
1631	10	484	37.3697	89.1405	-1017.0	QAL	7.03	0.92	1.32	0.0	0.0	5.338	1543.	40.	3.	758.7	34.1	1
1632	0	484	37.3697	89.1413	-1015.0	QAL	7.85	4.32	1.04	0.550	4.170	7.579	1514.	45.	0.	759.7	34.2	1
1633	0	480	37.3696	89.1419	-1017.2	QAL	9.07	3.08	1.11	0.340	2.770	8.147	1544.	41.	2.	758.7	34.2	1
1634	0	480	37.3696	89.1426	-1022.0	QAL	6.08	2.34	1.10	0.385	2.124	5.510	1453.	39.	2.	759.2	34.2	1
1635	0	464	37.3696	89.1433	-1019.0	QAL	5.47	3.53	1.33	0.645	2.655	4.119	1450.	42.	0.	759.2	34.2	1
1636	0	428	37.3696	89.1440	-1018.0	QAL	5.57	2.32	1.28	0.416	1.810	4.355	1404.	46.	2.	758.1	34.2	1
1637	0	468	37.3696	89.1447	-1020.2	QAL	8.15	1.97	1.35	0.242	1.457	6.031	1562.	30.	0.	759.2	34.1	1
1638	0	472	37.3696	89.1454	-1024.0	QAL	6.30	3.43	1.07	0.544	3.215	5.907	1521.	45.	0.	759.7	34.2	1
1639	10	472	37.3696	89.1460	-1021.2	QAL	6.75	1.17	1.28	0.0	0.0	5.283	1500.	39.	3.	757.6	34.2	1
1640	0	456	37.3696	89.1467	-1019.7	QAL	7.82	1.69	1.11	0.216	1.527	7.071	1426.	51.	0.	758.7	34.2	1
1641	0	448	37.3696	89.1474	-1024.7	QAL	7.31	2.47	1.46	0.338	1.692	5.003	1572.	39.	1.	759.7	34.2	1
1642	0	464	37.3695	89.1481	-1029.2	QAL	7.35	2.00	1.50	0.272	1.331	4.899	1505.	42.	0.	758.7	34.2	1
1643	0	432	37.3695	89.1487	-1027.0	QAL	6.50	3.36	0.88	0.518	3.831	7.398	1391.	64.	1.	758.7	34.2	1

CP9 IP12

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1644	0	404	37.3695	89.1495	-1027.0	QAL	5.77	2.06	1.14	0.357	1.800	5.044	1409.	40.	4.	759.7	34.2	1
1645	0	368	37.3695	89.1502	-1030.0	QAL	3.91	2.74	1.06	0.702	2.585	3.683	1303.	40.	3.	758.7	34.1	1
1646	0	376	37.3695	89.1508	-1027.0	QAL	5.13	2.07	0.69	0.404	3.005	7.432	1207.	52.	1.	758.7	34.1	1
1647	0	416	37.3695	89.1515	-1028.0	QAL	4.77	2.26	1.00	0.472	2.266	4.798	1281.	52.	0.	759.7	34.1	1
1648	0	452	37.3695	89.1522	-1024.5	QAL	6.83	2.44	0.99	0.357	2.462	6.904	1339.	41.	0.	758.7	34.2	1
1649	0	444	37.3695	89.1529	-1015.5	QAL	6.12	1.99	0.88	0.325	2.257	6.949	1247.	44.	0.	758.7	34.1	1
1650	0	452	37.3695	89.1535	-1021.0	QAL	6.41	2.74	0.73	0.427	3.760	8.812	1259.	46.	0.	759.7	34.1	1
1651	0	452	37.3695	89.1543	-1033.0	QAL	5.90	1.54	1.17	0.260	1.311	5.034	1394.	39.	0.	758.7	34.1	1
1652	0	420	37.3695	89.1549	-1035.2	QAL	5.18	2.99	1.01	0.578	2.949	5.106	1337.	52.	0.	758.7	34.1	1
1653	0	400	37.3695	89.1556	-1034.2	QAL	5.81	1.26	1.04	0.217	1.209	5.561	1289.	56.	0.	760.7	34.1	1
1654	0	420	37.3695	89.1563	-1035.7	QAL	6.71	4.34	1.40	0.646	3.103	4.802	1524.	38.	0.	758.7	34.1	1
1655	10	388	37.3695	89.1570	-1035.7	QAL	7.04	0.95	1.27	0.0	0.0	5.542	1414.	39.	1.	757.6	34.1	1
1656	0	384	37.3695	89.1577	-1034.5	MVU	5.64	2.53	1.02	0.449	2.495	5.554	1409.	44.	2.	759.2	34.1	1
1657	0	368	37.3695	89.1584	-1032.0	MVU	6.21	2.29	1.26	0.369	1.812	4.910	1497.	41.	1.	758.7	34.1	1
1658	0	360	37.3695	89.1590	-1032.2	MVU	5.11	3.75	1.05	0.733	3.572	4.872	1462.	49.	0.	758.7	34.1	1
1659	0	372	37.3695	89.1597	-1032.7	MVU	8.85	2.45	1.47	0.277	1.667	6.014	1561.	39.	0.	758.7	34.2	1
1660	10	372	37.3694	89.1605	-1030.2	MVU	8.06	1.15	1.21	0.0	0.0	6.687	1428.	43.	0.	758.1	34.1	1
1661	0	372	37.3694	89.1611	-1030.7	MVU	6.95	2.24	1.23	0.323	1.819	5.635	1346.	40.	0.	759.2	34.1	1
1662	0	392	37.3694	89.1618	-1031.7	MVU	5.57	2.27	1.27	0.408	1.787	4.381	1506.	31.	0.	759.2	34.1	1
1663	0	408	37.3694	89.1625	-1034.5	MVU	7.67	1.96	0.97	0.256	2.029	7.924	1504.	43.	0.	758.7	34.1	1
1664	0	436	37.3694	89.1632	-1036.2	MVU	5.90	2.58	1.33	0.438	1.942	4.435	1574.	36.	0.	759.7	34.1	1
1665	0	412	37.3694	89.1638	-1033.5	MVU	4.93	1.90	1.19	0.385	1.596	4.147	1486.	45.	0.	758.7	34.1	1
1666	0	384	37.3694	89.1646	-1032.7	MVU	6.38	2.74	1.19	0.429	2.302	5.362	1492.	47.	0.	758.7	34.1	1
1667	0	384	37.3694	89.1652	-1033.2	MVU	7.45	2.23	1.28	0.300	1.739	5.799	1528.	51.	0.	759.7	34.1	1
1668	0	392	37.3694	89.1659	-1035.0	MVU	6.81	2.91	1.05	0.427	2.775	6.494	1468.	37.	0.	759.7	34.1	1
1669	0	404	37.3693	89.1665	-1038.0	MVU	7.38	3.15	0.88	0.427	3.600	8.430	1341.	42.	0.	758.7	34.0	1
1670	0	440	37.3693	89.1673	-1036.2	MVU	5.82	2.47	0.95	0.423	2.604	6.151	1345.	42.	0.	759.7	34.0	1
1671	0	436	37.3693	89.1679	-1034.2	MVU	7.19	3.03	0.86	0.421	3.535	8.388	1345.	37.	0.	758.7	34.0	1
1672	0	460	37.3693	89.1687	-1038.5	MVU	6.72	3.05	1.12	0.453	2.727	6.021	1397.	49.	0.	757.6	34.1	1
1673	0	456	37.3693	89.1693	-1041.7	MVU	8.39	2.78	1.15	0.331	2.411	7.277	1485.	51.	0.	759.2	34.1	1
1674	0	428	37.3693	89.1700	-1040.0	MVU	8.30	2.91	1.11	0.350	2.626	7.494	1487.	50.	0.	759.2	34.1	1
1675	0	428	37.3693	89.1708	-1040.0	MVU	6.19	3.06	1.28	0.494	2.387	4.832	1510.	43.	2.	757.6	34.1	1
1676	10	420	37.3693	89.1714	-1036.5	MVU	7.87	0.70	1.43	0.0	0.0	5.492	1591.	45.	2.	758.7	34.1	1
1677	0	416	37.3693	89.1721	-1035.7	MVU	7.39	1.87	1.28	0.253	1.466	5.786	1572.	39.	4.	758.7	34.1	1
1678	0	420	37.3693	89.1728	-1039.0	MVU	6.60	1.90	1.39	0.287	1.368	4.763	1589.	29.	5.	757.6	34.1	1
1679	0	408	37.3693	89.1735	-1041.0	MVU	6.67	2.74	1.21	0.411	2.273	5.524	1560.	24.	4.	758.7	34.0	1
1680	0	352	37.3693	89.1742	-1038.0	MVU	5.58	2.22	0.93	0.397	2.392	6.017	1327.	30.	4.	757.6	34.0	1
1681	0	360	37.3693	89.1749	-1036.2	MVU	4.65	1.27	1.01	0.272	1.257	4.624	1279.	43.	8.	756.6	33.9	1
1682	0	352	37.3693	89.1755	-1037.5	MVU	6.48	1.71	0.71	0.263	2.412	9.158	1227.	46.	3.	758.1	33.9	1
1683	0	404	37.3692	89.1762	-1037.2	MVU	5.98	2.25	1.10	0.376	2.039	5.422	1343.	41.	7.	757.1	33.9	1
1684	10	444	37.3692	89.1769	-1038.0	MVU	5.48	1.00	1.15	0.0	0.0	4.760	1423.	47.	5.	756.1	33.8	1
1685	0	460	37.3692	89.1776	-1037.2	MVU	5.94	2.49	1.28	0.420	1.954	4.653	1456.	50.	4.	758.1	33.7	1
1686	10	472	37.3692	89.1782	-1037.7	MVU	7.61	0.15	1.28	0.0	0.0	5.928	1427.	45.	4.	755.5	33.7	1
1687	0	496	37.3692	89.1790	-1038.7	MVU	6.67	2.44	1.34	0.366	1.817	4.971	1488.	51.	0.	755.0	33.6	1
1688	0	504	37.3692	89.1796	-1037.5	MVU	7.08	3.11	1.19	0.438	2.611	5.955	1527.	43.	0.	757.1	33.5	1
1689	0	520	37.3692	89.1803	-1034.2	MVU	6.85	1.80	1.49	0.262	1.208	4.603	1554.	36.	0.	755.0	33.4	1
1690	0	532	37.3692	89.1810	-1036.0	MVU	6.31	1.95	1.18	0.309	1.646	5.331	1491.	48.	0.	754.5	33.4	1
1691	0	504	37.3692	89.1817	-1036.5	MVU	7.48	1.91	1.12	0.255	1.703	6.677	1464.	29.	0.	755.5	33.4	1
1692	0	524	37.3692	89.1824	-1035.0	MVU	5.72	3.01	1.24	0.526	2.428	4.618	1427.	37.	0.	753.5	33.4	1
1693	0	524	37.3692	89.1830	-1034.5	MVU	8.57	2.64	0.84	0.308	3.141	10.184	1434.	49.	0.	754.5	33.4	1
1694	0	568	37.3692	89.1838	-1035.7	MVU	6.37	4.03	1.16	0.632	3.473	5.492	1477.	41.	0.	755.5	33.3	1
1695	10	608	37.3692	89.1844	-1037.5	MVU	8.18	1.71	1.41	0.0	0.0	5.801	1557.	49.	0.	754.5	33.3	1
1696	0	620	37.3691	89.1851	-1037.2	MVU	8.79	2.42	1.22	0.276	1.985	7.193	1650.	40.	0.	755.0	33.3	1

* TAGS			* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1697	0	612	37.3691	89.1858	-1035.5	MVU	8.23	2.52	1.12	0.306	2.240	7.326	1532.	48.	0.	755.0	33.3	1
1698	0	596	37.3691	89.1865	-1035.7	MVU	6.47	3.34	1.22	0.516	2.734	5.297	1498.	36.	0.	753.5	33.3	1
1699	10	572	37.3691	89.1872	-1037.7	MVU	7.98	1.69	1.48	0.0	0.0	5.387	1576.	38.	0.	754.5	33.3	1
1700	0	564	37.3691	89.1879	-1036.0	MVU	5.94	1.67	1.20	0.281	1.397	4.966	1594.	43.	0.	755.5	33.2	1
1701	0	552	37.3691	89.1885	-1034.5	MVU	6.32	3.38	0.94	0.535	3.609	6.752	1462.	46.	0.	754.0	33.3	1
1702	0	520	37.3691	89.1892	-1036.7	MVU	6.87	2.30	1.41	0.335	1.629	4.866	1435.	48.	0.	755.0	33.3	1
1703	0	480	37.3691	89.1899	-1034.2	MVU	6.61	3.87	0.79	0.585	4.918	8.400	1382.	41.	0.	756.1	33.3	1
1704	10	484	37.3691	89.1906	-1032.7	MVU	7.49	0.35	1.22	0.0	0.0	6.157	1338.	36.	0.	754.0	33.3	1
1705	0	476	37.3691	89.1912	-1034.5	MVU	6.25	2.76	1.00	0.441	2.761	6.262	1284.	43.	0.	754.0	33.2	1
1706	0	484	37.3690	89.1920	-1033.2	MVU	5.24	2.00	1.16	0.381	1.728	4.537	1396.	37.	1.	756.6	33.2	1
1707	0	476	37.3690	89.1928	-1033.7	MVU	6.61	2.42	0.96	0.366	2.516	6.878	1314.	43.	0.	755.5	33.2	1
1708	10	472	37.3690	89.1935	-1034.2	MVU	7.58	0.16	1.29	0.0	0.0	5.878	1281.	54.	1.	754.0	33.2	1
1709	0	492	37.3690	89.1942	-1032.0	MVU	7.42	2.12	1.19	0.285	1.774	6.219	1529.	39.	2.	755.0	33.2	1
1710	0	516	37.3690	89.1949	-1030.7	MVU	5.45	3.23	1.37	0.593	2.352	3.969	1445.	51.	0.	754.5	33.2	1
1711	10	520	37.3690	89.1956	-1032.7	MVU	9.61	1.38	1.23	0.0	0.0	7.805	1606.	51.	1.	754.5	33.3	1
1712	10	512	37.3690	89.1963	-1032.5	MVU	6.78	1.55	1.23	0.0	0.0	5.536	1495.	49.	2.	756.1	33.3	1
1713	0	508	37.3690	89.1971	-1032.2	MVU	6.76	2.02	1.22	0.298	1.652	5.541	1542.	41.	2.	755.0	33.3	1
1714	0	472	37.3690	89.1979	-1033.0	MVU	7.48	2.16	1.08	0.288	2.005	6.955	1441.	38.	0.	754.5	33.3	1
1715	0	460	37.3690	89.1986	-1030.5	MVU	6.66	2.86	1.22	0.430	2.344	5.451	1527.	40.	0.	755.5	33.3	1
1716	0	488	37.3690	89.1993	-1034.0	MVU	8.67	2.71	1.22	0.313	2.221	7.091	1581.	30.	0.	754.5	33.3	1
1717	0	488	37.3690	89.2000	-1034.5	MVU	7.75	3.49	1.02	0.450	3.428	7.618	1486.	53.	0.	754.5	33.3	1
1718	0	464	37.3690	89.2007	-1030.5	MVU	5.45	2.22	1.09	0.407	2.037	5.008	1333.	48.	0.	755.5	33.4	1
1719	0	440	37.3690	89.2015	-1029.5	MVU	7.41	2.20	1.19	0.297	1.846	6.226	1410.	31.	0.	754.5	33.4	1
1720	10	452	37.3690	89.2022	-1031.0	MVU	6.21	1.03	1.31	0.0	0.0	4.731	1381.	39.	0.	753.5	33.4	1
1721	0	468	37.3690	89.2029	-1034.0	MVU	6.29	2.36	1.10	0.375	2.154	5.741	1291.	39.	0.	755.0	33.4	1
1722	0	488	37.3690	89.2037	-1033.5	MVU	5.72	2.89	0.99	0.505	2.921	5.782	1451.	44.	0.	755.0	33.4	1
1723	0	508	37.3690	89.2044	-1031.0	MVU	8.47	2.05	1.42	0.242	1.448	5.977	1580.	45.	4.	753.5	33.4	1
1724	0	500	37.3690	89.2051	-1028.2	MVU	7.84	1.78	1.52	0.227	1.171	5.149	1623.	41.	1.	754.5	33.5	1
1725	0	484	37.3690	89.2059	-1029.2	MVU	8.34	1.72	1.28	0.207	1.346	6.512	1615.	38.	4.	756.6	33.6	1
1726	10	496	37.3690	89.2065	-1028.5	MVU	9.51	1.12	1.28	0.0	0.0	7.433	1621.	40.	1.	754.5	33.5	1
1727	10	488	37.3690	89.2073	-1025.7	MVU	10.16	1.21	1.30	0.0	0.0	7.817	1538.	55.	1.	754.0	33.5	1
1728	0	496	37.3690	89.2080	-1027.2	MVU	9.61	3.81	1.07	0.397	3.556	8.957	1719.	38.	1.	756.1	33.5	1
1729	0	508	37.3690	89.2087	-1029.5	MVU	7.48	3.52	1.45	0.471	2.419	5.138	1687.	41.	1.	754.5	33.5	1
1730	0	520	37.3690	89.2095	-1029.0	MVU	7.31	2.56	1.23	0.350	2.069	5.917	1706.	29.	0.	753.5	33.5	1
1731	0	520	37.3690	89.2102	-1028.7	MVU	7.52	2.48	1.26	0.330	1.972	5.972	1569.	49.	1.	755.5	33.5	1
1732	0	512	37.3690	89.2110	-1025.2	MVU	8.22	4.00	1.14	0.486	3.511	7.220	1625.	40.	0.	754.5	33.5	1
1733	0	504	37.3690	89.2117	-1024.0	MVU	7.14	2.19	1.56	0.306	1.404	4.584	1657.	44.	0.	754.5	33.5	1
1734	0	500	37.3690	89.2124	-1025.0	MVU	6.91	3.08	1.48	0.446	2.090	4.686	1710.	34.	0.	755.5	33.5	1
1735	0	504	37.3690	89.2131	-1024.7	MVU	6.31	2.73	1.51	0.434	1.816	4.187	1575.	41.	0.	753.5	33.5	1
1736	0	456	37.3690	89.2138	-1027.0	MVU	5.22	3.59	1.30	0.689	2.770	4.020	1473.	50.	0.	753.5	33.5	1
1737	0	468	37.3690	89.2145	-1029.2	MVU	7.74	2.25	1.33	0.291	1.695	5.821	1530.	40.	0.	755.5	33.5	1
1738	0	492	37.3690	89.2153	-1027.5	MVU	4.88	3.63	1.42	0.744	2.557	3.439	1561.	44.	0.	753.5	33.5	1
1739	0	484	37.3690	89.2160	-1026.5	MVU	5.06	5.06	1.49	0.999	3.402	3.406	1709.	29.	0.	752.4	33.5	1
1740	0	492	37.3690	89.2168	-1025.2	MVU	7.82	4.13	1.35	0.528	3.049	5.773	1721.	38.	0.	755.5	33.5	1
1741	0	488	37.3690	89.2175	-1024.7	MVU	6.47	2.19	1.33	0.339	1.652	4.871	1593.	35.	0.	754.5	33.4	1
1742	0	500	37.3690	89.2182	-1023.5	MVU	8.44	2.25	1.01	0.267	2.225	8.335	1583.	48.	0.	752.4	33.5	1
1743	0	496	37.3690	89.2190	-1022.0	MVU	7.28	3.01	1.13	0.413	2.668	6.453	1558.	45.	0.	754.5	33.5	1
1744	0	492	37.3690	89.2197	-1024.2	MVU	8.66	2.17	1.28	0.251	1.701	6.784	1633.	43.	0.	755.5	33.5	1
1745	0	508	37.3690	89.2204	-1028.2	MVU	4.47	2.60	1.13	0.583	2.298	3.943	1537.	34.	2.	753.5	33.5	1
1746	10	508	37.3690	89.2211	-1026.5	MVU	9.62	0.45	1.62	0.0	0.0	5.952	1609.	39.	0.	753.0	33.6	1
1747	0	508	37.3690	89.2219	-1026.5	MVU	6.23	2.50	1.42	0.402	1.766	4.393	1625.	40.	0.	754.0	33.5	1
1748	0	500	37.3690	89.2226	-1025.7	MVU	7.47	4.40	1.30	0.590	3.391	5.749	1651.	41.	1.	754.0	33.6	1
1749	0	488	37.3690	89.2233	-1025.0	MVU	6.96	2.82	1.39	0.405	2.025	4.997	1676.	47.	1.	753.0	33.5	1

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1750	0	492	37.3690	89.2240	-1021.2		MVU	7.42	2.68	1.39	0.361	1.935	5.354	1675.	37.	0.	753.5	33.6	1
1751	0	488	37.3690	89.2247	-1012.5		MVU	7.66	2.09	1.73	0.272	1.206	4.431	1756.	35.	0.	754.5	33.6	1
1752	10	484	37.3690	89.2255	-1006.5		MVU	7.32	1.23	1.49	0.0	0.0	4.899	1660.	34.	0.	753.5	33.6	1
1753	10	484	37.3689	89.2262	-1009.2		MVU	8.60	1.34	1.35	0.0	0.0	6.387	1614.	42.	0.	752.4	33.5	1
1754	0	480	37.3689	89.2269	-1016.5		MVU	7.53	3.94	1.47	0.523	2.674	5.114	1611.	35.	0.	753.5	33.5	1
1755	0	464	37.3689	89.2277	-1021.7		MVU	9.23	2.57	1.02	0.278	2.528	9.081	1556.	47.	0.	754.5	33.5	1
1756	0	456	37.3689	89.2284	-1021.7		MVU	7.37	2.52	1.17	0.342	2.150	6.282	1514.	41.	0.	752.4	33.5	1
1757	0	456	37.3689	89.2292	-1020.2		MVU	9.11	2.81	1.22	0.309	2.296	7.440	1522.	38.	1.	752.4	33.5	1
1758	0	456	37.3689	89.2299	-1024.0		MVU	8.04	2.61	1.31	0.324	1.988	6.135	1462.	52.	0.	754.5	33.5	1
1759	10	456	37.3689	89.2306	-1021.2		MVU	8.11	1.31	1.25	0.0	0.0	6.500	1504.	37.	3.	753.5	33.5	1
1760	0	472	37.3689	89.2313	-1021.5		MVU	7.50	1.62	1.17	0.217	1.384	6.390	1450.	31.	1.	751.4	33.5	1
1761	0	456	37.3689	89.2320	-1023.7		MVU	6.91	2.84	0.88	0.412	3.226	7.836	1404.	37.	2.	753.5	33.5	1
1762	0	448	37.3689	89.2327	-1022.5		MVU	7.22	1.67	0.96	0.232	1.739	7.494	1346.	29.	5.	754.5	33.5	1
1763	10	452	37.3689	89.2335	-1021.5		MVU	6.48	0.94	1.16	0.0	0.0	5.607	1366.	32.	7.	752.4	33.5	1
1764	0	484	37.3689	89.2343	-1024.0		MVU	5.87	1.99	1.13	0.339	1.758	5.192	1395.	45.	2.	752.4	33.5	1
1765	0	492	37.3689	89.2350	-1025.5		MVU	7.03	3.08	1.05	0.438	2.940	6.712	1435.	37.	0.	753.5	33.5	1
1766	0	476	37.3689	89.2357	-1025.0		MVU	5.41	2.78	0.98	0.515	2.829	5.496	1392.	30.	2.	754.5	33.6	1
1767	0	460	37.3689	89.2364	-1024.7		MVU	4.59	2.83	0.99	0.617	2.866	4.647	1290.	46.	2.	752.4	33.5	1
1768	10	432	37.3689	89.2372	-1025.2		MVU	6.03	1.04	1.48	0.0	0.0	4.066	1185.	49.	5.	751.4	33.6	1
1769	10	396	37.3689	89.2379	-1021.5		MVU	6.72	0.56	1.11	0.0	0.0	6.058	1181.	41.	2.	752.4	33.6	1
1770	10	388	37.3689	89.2386	-1019.0		MVU	5.30	1.19	1.02	0.0	0.0	5.212	1071.	44.	3.	754.5	33.6	1
1771	0	392	37.3689	89.2393	-1021.0		MVU	5.53	1.31	0.88	0.236	1.491	6.312	1135.	41.	1.	753.5	33.6	1
1772	10	408	37.3689	89.2401	-1021.7		MVU	7.45	0.04	1.05	0.0	0.0	7.089	1170.	44.	0.	752.4	33.6	1
1773	10	444	37.3689	89.2408	-1026.0		MVU	5.38	0.64	0.81	0.0	0.0	6.650	1172.	38.	3.	752.4	33.6	1
1774	10	444	37.3689	89.2415	-1027.0		MVU	5.72	1.30	0.96	0.0	0.0	5.930	1241.	34.	4.	754.5	33.6	1
1775	10	452	37.3689	89.2422	-1020.5		MVU	4.60	0.98	0.78	0.0	0.0	5.892	1154.	33.	6.	754.5	33.5	1
1776	10	472	37.3689	89.2429	-1021.0		MVU	4.65	0.92	1.30	0.0	0.0	3.568	1182.	39.	5.	752.4	33.5	1
1777	10	492	37.3689	89.2437	-1025.2		MVU	6.88	1.00	0.92	0.0	0.0	7.453	1223.	35.	4.	752.4	33.5	1
1778	0	524	37.3689	89.2444	-1021.2		MVU	5.10	1.71	0.83	0.335	2.049	6.120	1187.	50.	3.	753.5	33.5	1
1779	0	544	37.3689	89.2451	-1021.0		MVM-1	6.21	2.03	0.92	0.327	2.201	6.731	1325.	34.	3.	754.5	33.4	1
1780	10	556	37.3689	89.2459	-1025.7		MVM-1	5.53	0.26	1.05	0.0	0.0	5.255	1274.	34.	6.	753.5	33.4	1
1781	0	572	37.3689	89.2466	-1023.2		MVM-1	5.55	1.73	1.07	0.311	1.607	5.167	1366.	35.	4.	752.4	33.4	1
1782	10	580	37.3689	89.2474	-1021.5		MVM-1	8.81	0.66	1.00	0.0	0.0	8.767	1377.	34.	4.	753.5	33.4	1
1783	0	584	37.3689	89.2481	-1024.2		MVM-1	4.98	2.74	1.04	0.551	2.650	4.812	1346.	38.	2.	753.5	33.4	1
1784	0	608	37.3689	89.2488	-1024.5		MVM-1	5.55	4.13	1.04	0.744	3.954	5.317	1368.	50.	1.	752.4	33.4	1
1785	0	628	37.3689	89.2495	-1021.5		MVM-1	5.21	2.94	1.35	0.564	2.184	3.875	1407.	43.	0.	751.4	33.4	1
1786	0	624	37.3689	89.2502	-1020.7		MVM-1	7.35	2.28	1.30	0.310	1.754	5.662	1511.	34.	0.	753.5	33.4	1
1787	0	652	37.3689	89.2509	-1020.2		MVM-1	5.79	3.12	1.24	0.539	2.518	4.672	1391.	53.	0.	753.5	33.4	1
1788	0	660	37.3689	89.2517	-1016.5		MVM-1	4.83	3.51	1.15	0.728	3.053	4.197	1499.	42.	2.	751.4	33.4	1
1789	0	660	37.3689	89.2524	-1020.0		QAL	6.98	2.56	1.36	0.366	1.881	5.132	1495.	32.	2.	751.4	33.4	1
1790	0	640	37.3689	89.2532	-1022.7		QAL	7.09	3.09	1.01	0.436	3.072	7.039	1527.	27.	1.	754.5	33.4	1
1791	10	612	37.3689	89.2539	-1017.7		QAL	6.58	0.35	1.37	0.0	0.0	4.802	1477.	47.	1.	753.5	33.4	1
1792	10	632	37.3689	89.2546	-1019.0		QAL	7.92	1.16	1.62	0.0	0.0	4.902	1464.	41.	1.	751.4	33.4	1
1793	0	644	37.3689	89.2554	-1022.2		QAL	4.68	4.09	1.44	0.874	2.832	3.242	1615.	28.	1.	752.4	33.4	1
1794	0	664	37.3689	89.2560	-1020.0		QAL	7.59	2.59	1.38	0.341	1.869	5.487	1564.	36.	0.	754.5	33.4	1
1795	0	664	37.3689	89.2568	-1020.5		QAL	6.54	3.53	1.04	0.540	3.391	6.278	1471.	45.	2.	754.5	33.4	1
1796	10	668	37.3689	89.2575	-1018.2		QAL	9.97	1.68	1.24	0.0	0.0	8.041	1502.	48.	0.	752.4	33.3	1
1797	0	660	37.3689	89.2583	-1014.5		QAL	7.93	2.61	1.28	0.330	2.047	6.206	1576.	48.	5.	750.9	33.3	1
1798	0	640	37.3688	89.2590	-1019.2		QAL	5.17	2.07	1.28	0.400	1.619	4.042	1552.	42.	5.	751.9	33.3	1
1799	0	624	37.3688	89.2597	-1018.2		MVM-2	9.68	2.59	1.06	0.268	2.446	9.127	1537.	37.	2.	754.0	33.3	1
1800	0	632	37.3688	89.2604	-1015.0		MVM-2	9.22	2.31	1.29	0.251	1.792	7.135	1572.	43.	4.	754.0	33.3	1
1801	0	612	37.3688	89.2611	-1017.5		MVM-2	8.30	3.75	1.12	0.452	3.363	7.441	1645.	39.	2.	750.9	33.3	1
1802	10	608	37.3688	89.2619	-1018.5		MVM-2	8.88	-0.78	1.68	0.0	0.0	5.300	1578.	41.	6.	751.9	33.3	1

FLIGHT LINE 8 DAY 169 REDUCED DATA TEX-KENT 1979 PADUCAH PAGE NO 406

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1803	0	604	37.3688	89.2626	-1019.7	QAL	6.42	3.92	1.04	0.611	3.778	6.187	1488.	47.	0.	753.0	33.4	1
1804	10	604	37.3688	89.2633	-1023.7	QAL	7.89	1.86	1.13	0.0	0.0	6.954	1551.	49.	3.	753.5	33.4	1
1805	0	604	37.3688	89.2641	-1023.7	QAL	7.02	1.82	1.33	0.259	1.366	5.266	1476.	53.	0.	754.5	33.4	1
1806	0	588	37.3687	89.2648	-1021.2	QAL	7.16	1.77	0.78	0.247	2.268	9.173	1274.	46.	0.	753.5	33.5	1
1807	10	624	37.3687	89.2656	-1020.7	QAL	7.35	1.07	1.11	0.0	0.0	6.642	1343.	42.	0.	750.9	33.5	1
1808	0	624	37.3687	89.2663	-1020.7	QAL	8.47	3.56	0.89	0.420	4.005	9.544	1426.	33.	0.	750.9	33.5	1
1809	0	544	37.3687	89.2670	-1020.5	QAL	6.02	2.80	1.03	0.465	2.708	5.826	1192.	39.	0.	753.0	33.4	1
1810	0	540	37.3687	89.2677	-1022.2	MVM-1	5.95	1.58	1.16	0.266	1.364	5.125	1291.	31.	1.	754.0	33.4	1
1811	0	532	37.3687	89.2684	-1021.5	MVM-1	4.24	3.12	1.01	0.735	3.070	4.175	1199.	49.	2.	753.5	33.4	1
1812	10	524	37.3687	89.2691	-1015.7	MVM-1	6.34	1.36	1.18	0.0	0.0	5.393	1260.	36.	0.	751.4	33.4	1
1813	0	532	37.3687	89.2699	-1016.5	MVM-1	5.54	2.44	1.12	0.440	2.183	4.958	1333.	27.	2.	751.4	33.4	1
1814	10	536	37.3687	89.2707	-1019.7	MVM-1	7.13	1.31	1.26	0.0	0.0	5.673	1421.	32.	1.	753.5	33.4	1
1815	0	512	37.3687	89.2713	-1016.0	MVM-1	6.49	2.32	0.87	0.358	2.671	7.458	1352.	36.	2.	754.5	33.4	1
1816	0	500	37.3687	89.2721	-1018.5	MVM-1	7.46	2.25	0.93	0.302	2.427	8.038	1306.	38.	1.	752.4	33.5	1
1817	10	492	37.3687	89.2728	-1020.0	MVM-1	6.72	1.28	1.01	0.0	0.0	6.679	1289.	48.	3.	751.4	33.4	1
1818	0	520	37.3687	89.2735	-1015.5	MVM-1	6.25	1.66	1.17	0.266	1.421	5.341	1340.	37.	2.	753.5	33.4	1
1819	0	516	37.3687	89.2742	-1020.5	MVM-1	8.03	1.89	1.14	0.235	1.650	7.025	1335.	47.	1.	754.5	33.4	1
1820	10	528	37.3687	89.2750	-1021.2	MVM-1	7.25	1.05	1.22	0.0	0.0	5.925	1401.	31.	1.	753.5	33.4	1
1821	10	532	37.3687	89.2757	-1018.0	MVM-1	7.80	0.31	1.40	0.0	0.0	5.556	1297.	34.	1.	751.4	33.4	1
1822	0	564	37.3687	89.2765	-1021.7	MVM-1	5.94	1.77	0.87	0.299	2.035	6.815	1300.	47.	2.	752.4	33.4	1
1823	0	588	37.3687	89.2772	-1023.0	MVM-1	8.06	1.88	0.91	0.233	2.056	8.808	1432.	35.	2.	754.5	33.4	1
1824	0	600	37.3687	89.2779	-1018.0	MVM-1	7.30	2.94	1.03	0.403	2.850	7.063	1444.	43.	3.	753.5	33.4	1
1825	0	616	37.3687	89.2786	-1019.0	DU	8.02	3.99	1.14	0.498	3.504	7.036	1489.	45.	0.	752.4	33.4	1
1826	0	624	37.3687	89.2793	-1021.7	DU	7.20	3.71	1.49	0.516	2.486	4.820	1617.	49.	2.	752.4	33.4	1
1827	0	632	37.3687	89.2800	-1019.5	DU	7.71	3.20	1.13	0.415	2.839	6.840	1585.	43.	2.	753.5	33.4	1
1828	0	628	37.3687	89.2808	-1018.2	DU	6.28	2.76	1.26	0.439	2.197	4.999	1530.	30.	0.	753.5	33.4	1
1829	0	604	37.3687	89.2815	-1025.0	DU	7.08	4.30	0.90	0.608	4.799	7.892	1566.	36.	0.	751.4	33.4	1
1830	0	604	37.3687	89.2823	-1024.5	DU	7.21	3.36	1.22	0.467	2.768	5.931	1521.	33.	1.	750.9	33.4	1
1831	0	624	37.3687	89.2830	-1020.5	DU	9.87	2.97	1.17	0.301	2.547	8.474	1551.	30.	0.	753.0	33.4	1
1832	10	596	37.3687	89.2838	-1019.7	DU	9.10	1.64	1.65	0.0	0.0	5.509	1604.	44.	3.	754.0	33.4	1
1833	0	596	37.3687	89.2845	-1021.0	DU	8.59	2.12	1.33	0.247	1.593	6.459	1567.	40.	3.	753.0	33.4	1
1834	10	604	37.3687	89.2852	-1025.0	DU	8.99	0.31	1.35	0.0	0.0	6.652	1614.	40.	5.	750.9	33.4	1
1835	10	616	37.3687	89.2859	-1025.2	DU	5.82	1.15	1.52	0.0	0.0	3.814	1591.	43.	5.	751.9	33.4	1
1836	10	608	37.3687	89.2866	-1021.5	DU	9.19	1.25	1.20	0.0	0.0	7.650	1659.	40.	6.	754.5	33.4	1
1837	0	576	37.3687	89.2873	-1020.2	DU	5.34	2.92	1.30	0.547	2.241	4.095	1635.	34.	6.	753.5	33.4	1
1838	0	588	37.3687	89.2881	-1022.0	DU	8.09	1.98	1.27	0.245	1.564	6.378	1543.	46.	5.	751.4	33.4	1
1839	0	576	37.3687	89.2888	-1020.2	DU	5.72	4.57	0.89	0.798	5.105	6.396	1505.	38.	2.	752.4	33.4	1
1840	0	548	37.3687	89.2896	-1021.2	DU	6.79	1.69	1.18	0.248	1.425	5.740	1549.	37.	2.	753.5	33.4	1
1841	0	508	37.3687	89.2903	-1022.2	DU	5.11	2.55	1.08	0.499	2.351	4.713	1402.	43.	2.	753.5	33.4	1
1842	0	492	37.3687	89.2910	-1023.2	DU	6.16	2.94	1.12	0.478	2.639	5.521	1340.	32.	1.	752.4	33.4	1
1843	0	492	37.3687	89.2917	-1024.7	DU	5.48	2.74	1.18	0.499	2.327	4.659	1388.	34.	0.	751.9	33.4	1
1844	0	488	37.3687	89.2924	-1023.2	DU	6.46	2.36	1.20	0.365	1.968	5.399	1512.	34.	0.	753.0	33.4	1
1845	10	492	37.3687	89.2932	-1021.7	DU	5.29	0.91	1.24	0.0	0.0	4.277	1447.	42.	0.	754.0	33.4	1
1846	10	488	37.3687	89.2939	-1020.7	DU	9.01	1.22	1.41	0.0	0.0	6.370	1488.	48.	0.	753.5	33.4	1
1847	10	488	37.3687	89.2947	-1021.5	DU	7.98	1.32	1.05	0.0	0.0	7.587	1275.	41.	0.	752.4	33.3	1
1848	0	504	37.3687	89.2954	-1023.5	DU	4.84	2.39	1.11	0.494	2.148	4.350	1239.	46.	0.	751.9	33.4	1
1849	0	548	37.3686	89.2961	-1028.0	DU	4.40	3.18	1.29	0.723	2.459	3.395	1390.	48.	0.	751.9	33.3	1
1850	0	600	37.3686	89.2968	-1026.7	DU	3.82	3.68	1.51	0.962	2.437	2.532	1445.	33.	1.	753.0	33.3	1
1851	10	592	37.3686	89.2975	-1026.5	DU	6.94	0.85	0.87	0.0	0.0	7.981	1355.	37.	2.	754.0	33.3	1
1852	10	528	37.3686	89.2982	-1027.5	DU	6.06	0.85	1.22	0.0	0.0	4.991	1269.	37.	3.	754.0	33.3	1
1853	0	468	37.3686	89.2990	-1027.7	DU	4.44	1.38	0.82	0.311	1.685	5.416	1110.	45.	1.	751.9	33.3	1
1854	0	424	37.3686	89.2997	-1028.5	DU	5.72	2.41	0.75	0.422	3.205	7.596	1144.	42.	0.	751.4	33.3	1
1855	0	404	37.3686	89.3005	-1029.7	DU	4.09	1.73	0.76	0.423	2.270	5.366	1062.	39.	0.	752.4	33.2	1

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* TAGS *			* LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1856	0	412	37.3686	89.3012	-1027.7	DU	4.20	1.85	0.91	0.440	2.034	4.627	1123.	43.	0.	753.5	33.2	1
1857	0	420	37.3686	89.3019	-1030.2	DU	3.86	1.33	0.91	0.345	1.458	4.221	1100.	43.	1.	754.5	33.3	1
1858	0	400	37.3686	89.3027	-1030.2	DU	6.86	1.76	1.02	0.257	1.725	6.724	1141.	40.	0.	754.5	33.3	1
1859	10	412	37.3686	89.3034	-1025.0	DU	3.92	1.05	0.92	0.0	0.0	4.256	1047.	52.	4.	753.5	33.2	1
1860	0	460	37.3686	89.3041	-1027.2	DU	4.94	2.20	0.92	0.444	2.388	5.373	1180.	60.	1.	753.5	33.2	1
1861	0	492	37.3686	89.3048	-1032.0	DU	5.79	2.65	1.22	0.458	2.175	4.745	1304.	48.	4.	753.5	33.2	1
1862	0	452	37.3686	89.3055	-1029.2	DU	3.56	1.58	1.04	0.445	1.518	3.414	1196.	37.	3.	751.4	33.2	1
1863	0	428	37.3686	89.3063	-1031.5	DU	2.93	1.43	1.15	0.489	1.246	2.550	1228.	32.	6.	751.4	33.1	1
1864	0	416	37.3686	89.3071	-1034.2	DU	6.93	1.64	1.07	0.237	1.541	6.501	1244.	46.	2.	751.4	33.1	1
1865	0	396	37.3686	89.3077	-1032.0	DU	4.14	1.89	0.97	0.458	1.955	4.272	1254.	26.	3.	751.4	33.1	1
1866	0	376	37.3686	89.3085	-1032.2	DU	2.69	2.79	0.92	1.038	3.044	2.931	1161.	28.	2.	751.4	33.1	1
1867	0	368	37.3686	89.3092	-1034.7	DU	4.63	3.18	0.78	0.686	4.047	5.900	1131.	28.	0.	752.4	33.1	1
1868	10	380	37.3686	89.3099	-1032.5	DU	4.63	0.82	0.85	0.0	0.0	5.475	1036.	49.	0.	753.0	33.1	1
1869	0	372	37.3686	89.3107	-1034.5	DU	4.89	1.24	0.80	0.253	1.541	6.098	934.	44.	0.	754.0	33.1	1
1870	10	392	37.3686	89.3114	-1036.7	DU	5.22	-0.15	0.74	0.0	0.0	7.012	860.	49.	0.	755.0	33.1	1
1871	10	372	37.3686	89.3121	-1032.7	DU	3.87	0.71	0.57	0.0	0.0	6.809	878.	51.	0.	754.0	33.0	1
1872	10	392	37.3686	89.3129	-1033.2	DU	4.59	0.45	0.94	0.0	0.0	4.861	960.	35.	3.	754.0	33.1	1
1873	0	428	37.3686	89.3136	-1035.2	DU	3.74	2.68	0.74	0.718	3.628	5.056	1114.	40.	0.	754.0	33.0	1
1874	0	440	37.3686	89.3143	-1033.7	DU	3.76	1.52	0.90	0.403	1.685	4.177	1153.	39.	3.	753.5	33.0	1
1875	0	408	37.3686	89.3150	-1033.7	DU	2.11	2.24	1.05	1.058	2.126	2.010	1087.	58.	4.	753.5	33.0	1
1876	0	356	37.3685	89.3157	-1035.2	DU	4.47	2.17	0.75	0.487	2.890	5.936	1088.	28.	5.	753.5	33.0	1
1877	10	368	37.3685	89.3164	-1038.7	DU	5.86	1.11	0.81	0.0	0.0	7.253	1155.	34.	0.	752.4	32.9	1
1878	10	400	37.3685	89.3172	-1036.5	DU	4.85	0.57	1.06	0.0	0.0	4.563	1174.	48.	2.	751.4	32.9	1
1879	10	404	37.3685	89.3179	-1035.0	DU	5.76	0.60	1.02	0.0	0.0	5.668	1157.	45.	2.	751.4	32.9	1
1880	0	420	37.3685	89.3187	-1038.2	DU	6.15	2.30	0.75	0.374	3.076	8.228	1167.	41.	2.	751.4	33.0	1
1881	0	432	37.3685	89.3194	-1039.7	DU	4.64	2.05	1.08	0.441	1.893	4.293	1156.	50.	0.	751.4	33.1	1
1882	0	408	37.3685	89.3202	-1039.7	DU	5.71	1.76	0.90	0.309	1.971	6.381	1167.	59.	0.	752.4	33.2	1
1883	10	396	37.3685	89.3209	-1040.0	DU	5.46	0.12	1.03	0.0	0.0	5.301	1135.	38.	0.	753.5	33.2	1
1884	10	396	37.3685	89.3216	-1038.5	DU	5.44	0.72	1.13	0.0	0.0	4.804	1266.	36.	1.	754.0	33.2	1
1885	0	360	37.3685	89.3223	-1040.7	DU	3.70	1.36	1.08	0.368	1.264	3.434	1175.	47.	0.	754.0	33.2	1
1886	0	332	37.3685	89.3230	-1040.0	DU	3.61	1.13	0.79	0.313	1.440	4.595	1083.	34.	4.	754.0	33.2	1
1887	0	368	37.3685	89.3237	-1035.2	DU	4.16	2.22	0.79	0.533	2.812	5.276	1094.	40.	5.	754.0	33.2	1
1888	10	384	37.3685	89.3245	-1035.2	DU	3.85	0.92	0.89	0.0	0.0	4.326	987.	38.	6.	753.0	33.3	1
1889	10	404	37.3685	89.3252	-1038.7	DU	4.77	0.34	0.56	0.0	0.0	8.525	905.	51.	4.	752.4	33.3	1
1890	10	424	37.3685	89.3260	-1038.7	DU	3.53	1.12	0.86	0.0	0.0	4.109	1011.	44.	7.	753.5	33.3	1
1891	0	448	37.3685	89.3267	-1038.7	DU	3.10	1.97	0.99	0.635	1.984	3.122	1056.	36.	2.	753.5	33.2	1
1892	10	468	37.3685	89.3274	-1039.7	DU	5.42	0.74	0.82	0.0	0.0	6.591	1075.	53.	3.	752.4	33.2	1
1893	10	488	37.3685	89.3281	-1037.2	DU	4.77	1.17	1.16	0.0	0.0	4.132	1131.	52.	3.	751.4	33.2	1
1894	10	496	37.3685	89.3288	-1036.7	DU	4.91	0.94	0.94	0.0	0.0	5.225	1139.	42.	4.	752.4	33.2	1
1895	10	492	37.3685	89.3295	-1036.5	DU	4.54	1.34	1.08	0.0	0.0	4.202	1101.	50.	3.	752.4	33.2	1
1896	10	484	37.3685	89.3302	-1037.7	DU	5.24	0.83	0.94	0.0	0.0	5.602	1061.	40.	0.	752.4	33.2	1
1897	10	488	37.3685	89.3311	-1039.5	DU	5.30	1.17	0.69	0.0	0.0	7.680	1074.	50.	4.	752.4	33.2	1
1898	0	492	37.3685	89.3318	-1040.0	DU	3.95	3.38	1.01	0.856	3.349	3.914	1136.	40.	0.	752.4	33.2	1
1899	10	504	37.3685	89.3325	-1038.0	DU	3.49	0.21	1.19	0.0	0.0	2.929	1110.	59.	5.	752.4	33.2	1
1900	0	500	37.3685	89.3333	-1039.0	DU	7.17	2.07	1.13	0.289	1.840	6.360	1213.	32.	0.	752.4	33.2	1
1901	10	496	37.3685	89.3340	-1038.0	DU	3.86	0.35	1.23	0.0	0.0	3.143	1257.	40.	6.	753.5	33.2	1
1902	0	448	37.3685	89.3347	-1034.2	DU	5.49	1.68	0.80	0.306	2.099	6.858	1144.	53.	2.	754.0	33.3	1
1903	0	432	37.3685	89.3355	-1034.0	DU	3.88	2.21	1.07	0.571	2.073	3.631	1144.	29.	2.	754.0	33.3	1
1904	10	412	37.3685	89.3362	-1036.0	DU	5.64	0.29	0.89	0.0	0.0	6.344	1183.	35.	4.	754.0	33.4	1
1905	0	408	37.3685	89.3370	-1036.2	DU	5.80	1.25	0.84	0.216	1.498	6.933	1125.	30.	0.	755.0	33.4	1
1906	10	400	37.3685	89.3377	-1035.0	DU	4.73	0.85	1.07	0.0	0.0	4.410	1146.	38.	2.	755.5	33.5	1
1907	0	412	37.3685	89.3385	-1033.2	DU	3.83	2.85	0.70	0.744	4.082	5.490	1157.	38.	0.	755.5	33.6	1
1908	0	444	37.3685	89.3392	-1033.5	DU	4.33	2.26	0.89	0.521	2.545	4.886	1213.	34.	0.	756.1	33.6	1

* TAGS			* LOCATION				* REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1909	0	472	37.3685	89.3400	-1032.2	DU	6.48	1.88	1.24	0.291	1.518	5.226	1355.	34.	0.	756.1	33.6	1
1910	0	448	37.3685	89.3407	-1028.2	DU	7.44	1.98	1.03	0.266	1.931	7.245	1255.	27.	0.	756.1	33.6	1
1911	0	416	37.3685	89.3414	-1027.7	DU	6.95	2.04	1.05	0.294	1.943	6.620	1172.	37.	1.	756.6	33.6	1
1912	0	412	37.3685	89.3422	-1031.7	DU	5.53	2.17	0.87	0.393	2.497	6.356	1285.	34.	1.	756.6	33.7	1
1913	10	412	37.3685	89.3429	-1035.5	DU	6.24	0.86	1.05	0.0	0.0	5.930	1221.	46.	2.	755.5	33.7	1
1914	10	440	37.3685	89.3437	-1030.2	DU	7.11	-0.38	1.40	0.0	0.0	5.074	1312.	36.	6.	755.0	33.8	1
1915	0	460	37.3685	89.3444	-1026.7	DU	6.14	2.67	1.24	0.434	2.146	4.940	1422.	32.	3.	755.0	33.8	1
1916	10	496	37.3686	89.3452	-1028.7	DU	5.22	0.88	1.45	0.0	0.0	3.597	1408.	31.	3.	755.0	33.9	1
1917	0	544	37.3686	89.3459	-1032.5	DU	4.32	2.53	1.18	0.585	2.137	3.654	1420.	49.	7.	755.0	33.8	1
1918	0	516	37.3686	89.3466	-1030.0	DU	6.16	2.75	1.00	0.447	2.761	6.184	1419.	29.	3.	755.0	33.8	1
1919	0	504	37.3686	89.3474	-1023.5	DU	7.83	2.29	0.87	0.293	2.632	8.985	1381.	40.	4.	755.0	33.8	1
1920	0	476	37.3686	89.3481	-1025.2	DU	7.10	2.62	1.12	0.369	2.353	6.372	1258.	47.	4.	755.5	33.9	1
1921	10	500	37.3686	89.3488	-1026.5	DU	6.90	0.93	1.11	0.0	0.0	6.235	1328.	39.	1.	755.5	33.9	1
1922	10	500	37.3686	89.3496	-1025.0	DU	7.36	1.30	1.13	0.0	0.0	6.516	1228.	33.	0.	755.5	33.9	1
1923	0	512	37.3686	89.3503	-1027.0	DU	4.99	2.01	1.18	0.404	1.708	4.230	1215.	38.	0.	755.5	33.9	1
1924	10	568	37.3685	89.3511	-1025.0	DU	9.03	1.03	1.16	0.0	0.0	7.780	1362.	47.	0.	755.5	33.9	1
1925	10	572	37.3685	89.3519	-1021.7	QAL	6.90	0.99	1.28	0.0	0.0	5.400	1435.	40.	0.	755.0	33.8	1
1926	0	580	37.3686	89.3526	-1025.2	QAL	8.45	4.13	1.22	0.489	3.401	6.953	1525.	32.	0.	755.0	33.9	1
1927	0	576	37.3686	89.3533	-1028.0	QAL	6.79	2.23	1.32	0.328	1.688	5.148	1510.	34.	0.	755.0	33.9	1
1928	0	572	37.3686	89.3541	-1024.2	QAL	6.78	2.40	1.70	0.353	1.409	3.986	1456.	47.	1.	755.0	34.0	1
1929	0	572	37.3686	89.3548	-1023.7	QAL	7.46	1.78	1.16	0.238	1.528	6.416	1469.	36.	0.	755.0	34.0	1
1930	0	572	37.3686	89.3555	-1021.5	QAL	6.33	1.88	1.45	0.297	1.296	4.371	1462.	35.	0.	754.5	34.1	1
1931	0	576	37.3686	89.3563	-1019.7	QAL	5.94	2.62	1.51	0.440	1.732	3.932	1414.	39.	7.	754.5	34.1	1
1932	10	576	37.3686	89.3570	-1019.0	QAL	4.92	1.16	1.22	0.0	0.0	4.016	1205.	43.	5.	755.5	34.1	1
1933	0	576	37.3686	89.3577	-1021.0	QAL	4.36	1.96	1.15	0.449	1.709	3.802	1154.	52.	3.	755.5	34.1	1
1934	10	576	37.3686	89.3585	-1020.7	QAL	6.18	0.43	1.23	0.0	0.0	5.023	979.	50.	4.	755.5	34.1	1
1935	10	568	37.3686	89.3593	-1020.2	QAL	3.07	1.14	0.49	0.0	0.0	6.245	671.	31.	1.	756.6	34.1	1
1936	10	576	37.3687	89.3600	-1020.0	QAL	1.62	-0.80	0.27	0.0	0.0	6.074	425.	33.	6.	756.6	34.1	1
1937	11	576	37.3687	89.3607	-1017.7	QAL	1.40	0.59	-0.10	0.0	0.0	0.0	244.	32.	2.	756.6	34.1	1
1938	110	580	37.3687	89.3615	-1020.0	QAL	0.34	-0.39	0.17	0.0	0.0	0.0	30.	46.	0.	757.6	34.1	1
1939	111	580	37.3687	89.3622	-1022.2	QAL	-0.02	0.31	0.08	0.0	0.0	0.0	69.	36.	0.	756.6	34.1	1
1940	111	576	37.3687	89.3629	-1017.0	QAL	-0.02	0.22	-0.02	0.0	0.0	0.0	-12.	46.	0.	757.6	34.1	1
1941	111	580	37.3687	89.3637	-1014.7	QAL	0.82	-0.34	0.10	0.0	0.0	0.0	55.	36.	0.	758.7	34.1	1
1942	111	580	37.3687	89.3644	-1022.2	QAL	-0.00	0.01	0.12	0.0	0.0	0.0	10.	45.	0.	758.7	34.1	1
1943	111	580	37.3686	89.3652	-1019.2	QAL	-0.02	0.29	0.03	0.0	0.0	0.0	42.	38.	0.	758.1	34.1	1
1944	111	580	37.3686	89.3659	-1014.5	QAL	0.24	0.89	-0.08	0.0	0.0	0.0	46.	20.	0.	758.1	34.1	1
1945	111	576	37.3686	89.3667	-1016.2	QAL	0.85	-0.20	-0.00	0.0	0.0	0.0	39.	36.	0.	758.1	34.1	1
1946	111	572	37.3687	89.3674	-1014.7	QAL	0.17	0.06	-0.00	0.0	0.0	0.0	30.	31.	0.	758.1	34.1	1
1947	111	568	37.3687	89.3682	-1016.0	QAL	0.18	0.05	-0.03	0.0	0.0	0.0	35.	37.	1.	758.1	34.1	1
1948	111	564	37.3687	89.3689	-1020.7	QAL	0.33	-0.21	0.13	0.0	0.0	0.0	78.	39.	3.	758.1	34.1	1
1949	111	560	37.3687	89.3696	-1016.0	QAL	0.57	-0.70	-0.01	0.0	0.0	0.0	97.	30.	5.	757.1	34.0	1
1950	10	564	37.3687	89.3704	-1010.7	QAL	1.98	-1.95	0.22	0.0	0.0	9.161	178.	22.	6.	756.1	34.1	1
1951	111	568	37.3687	89.3711	-1016.0	QAL	1.18	-0.52	0.02	0.0	0.0	0.0	199.	34.	6.	756.6	34.1	1
1952	111	572	37.3687	89.3719	-1018.5	QAL	1.01	0.62	0.19	0.0	0.0	0.0	284.	38.	4.	756.6	34.1	1
1953	11	576	37.3687	89.3726	-1013.5	QAL	2.22	-0.24	0.19	0.0	0.0	0.0	284.	44.	5.	755.5	34.1	1
1954	10	576	37.3687	89.3734	-1012.2	QAL	1.67	-0.49	0.30	0.0	0.0	5.520	285.	38.	2.	756.6	34.1	1
1955	10	580	37.3687	89.3741	-1013.5	QAL	1.37	0.26	0.23	0.0	0.0	5.905	338.	35.	0.	757.6	34.1	1
1956	110	584	37.3687	89.3748	-1012.2	QAL	1.24	-0.55	0.34	0.0	0.0	0.0	250.	41.	2.	757.1	34.2	1
1957	10	584	37.3687	89.3755	-1012.7	QAL	1.62	0.57	0.26	0.0	0.0	6.277	337.	40.	1.	757.1	34.2	1
1958	10	584	37.3687	89.3763	-1013.0	QAL	1.95	0.10	0.29	0.0	0.0	6.805	309.	56.	3.	758.1	34.2	1
1959	10	584	37.3687	89.3770	-1012.0	QAL	2.14	0.11	0.23	0.0	0.0	9.288	442.	42.	4.	758.1	34.2	1
1960	10	588	37.3687	89.3778	-1009.5	QAL	2.80	0.32	0.38	0.0	0.0	7.397	607.	46.	8.	757.6	34.2	1
1961	10	592	37.3687	89.3785	-1007.5	QAL	3.17	-0.05	0.69	0.0	0.0	4.569	798.	47.	8.	756.6	34.2	1

*	TAGS		* LOCATION		*			REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS	
1962	0	592	37.3687	89.3793	-1009.5		QAL	3.28	2.10	0.86	0.642	2.437	3.795	987.	39.	2.	755.5	34.3	1	
1963	10	596	37.3687	89.3801	-1015.0		QAL	5.87	0.92	0.89	0.0	0.0	6.620	1050.	47.	6.	755.0	34.3	1	
1964	10	572	37.3687	89.3807	-1012.7		QAL	6.75	1.66	0.66	0.0	0.0	10.166	1105.	32.	4.	755.5	34.4	1	
1965	0	544	37.3687	89.3815	-1008.7		QAL	5.16	1.81	0.79	0.352	2.290	6.509	1123.	48.	1.	755.5	34.3	1	
1966	0	536	37.3687	89.3823	-1008.2		QAL	7.65	2.17	0.98	0.284	2.208	7.775	1205.	44.	0.	756.6	34.3	1	
1967	10	536	37.3687	89.3830	-1013.0		QAL	3.10	0.80	1.01	0.0	0.0	3.064	1176.	48.	2.	757.6	34.3	1	
1968	10	536	37.3687	89.3837	-1015.7		QAL	5.17	0.20	1.17	0.0	0.0	4.432	1149.	58.	0.	757.6	34.3	1	
1969	0	520	37.3687	89.3845	-1013.0		QAL	7.57	1.85	0.95	0.244	1.943	7.951	1287.	48.	0.	757.6	34.3	1	
1970	0	520	37.3687	89.3852	-1010.0		QAL	7.54	3.22	0.90	0.427	3.590	8.412	1379.	39.	0.	757.6	34.3	1	
1971	0	504	37.3687	89.3859	-1009.5		QAL	6.29	2.79	1.25	0.444	2.233	5.033	1435.	40.	0.	756.6	34.3	1	
1972	0	480	37.3687	89.3867	-1010.7		QAL	6.10	1.75	1.39	0.286	1.257	4.392	1481.	42.	0.	755.5	34.4	1	
1973	0	528	37.3687	89.3875	-1014.0		QAL	8.08	2.01	1.20	0.249	1.682	6.755	1635.	32.	0.	756.6	34.4	1	
1974	0	532	37.3687	89.3882	-1011.7		QAL	5.17	3.18	1.69	0.615	1.886	3.066	1775.	29.	0.	756.6	34.4	1	
1975	0	524	37.3687	89.3889	-1009.0		QAL	6.33	2.56	1.73	0.405	1.480	3.655	1557.	42.	0.	756.6	34.4	1	
1976	10	532	37.3688	89.3897	-1012.0		QAL	7.75	0.82	2.05	0.0	0.0	3.774	1771.	45.	0.	757.6	34.5	1	
1977	0	532	37.3688	89.3904	-1009.2		QAL	7.66	4.95	1.39	0.647	3.558	5.501	1679.	34.	1.	758.7	34.5	1	
1978	0	532	37.3688	89.3911	-1007.2		QAL	6.41	2.76	1.39	0.430	1.988	4.619	1707.	43.	1.	757.1	34.5	1	
1979	0	524	37.3688	89.3919	-1006.7		QAL	6.21	3.68	1.60	0.593	2.295	3.872	1686.	39.	0.	756.1	34.5	1	
1980	0	528	37.3688	89.3926	-1003.2		QAL	8.63	3.84	1.39	0.445	2.761	6.207	1731.	39.	0.	756.1	34.5	1	
1981	0	532	37.3688	89.3934	-1004.7		QAL	9.39	2.72	1.46	0.289	1.858	6.425	1722.	42.	0.	757.1	34.5	1	
1982	10	536	37.3687	89.3941	-1010.7		QAL	8.50	1.60	1.49	0.0	0.0	5.693	1657.	43.	1.	758.1	34.5	1	
1983	0	536	37.3687	89.3949	-1005.2		QAL	7.82	4.61	0.96	0.590	4.799	8.136	1705.	39.	0.	758.7	34.4	1	
1984	10	536	37.3687	89.3956	-1003.0		QAL	6.94	1.16	1.40	0.0	0.0	4.960	1611.	41.	1.	757.6	34.4	1	
1985	0	540	37.3687	89.3964	-1006.2		QAL	4.92	3.28	1.26	0.667	2.607	3.911	1466.	38.	0.	757.1	34.3	1	
1986	0	544	37.3688	89.3971	-1003.5		QAL	5.40	3.51	1.17	0.651	2.998	4.607	1531.	36.	0.	756.1	34.3	1	
1987	10	544	37.3688	89.3978	-1002.7		QAL	8.72	1.05	1.52	0.0	0.0	5.752	1487.	38.	0.	756.1	34.3	1	
1988	10	544	37.3688	89.3986	-1003.5		QAL	10.15	0.41	1.39	0.0	0.0	7.287	1579.	34.	0.	757.1	34.4	1	
1989	10	544	37.3688	89.3993	-1001.5		QAL	8.41	1.44	1.44	0.0	0.0	5.824	1618.	36.	0.	758.1	34.4	1	
1990	10	544	37.3688	89.4000	-1002.7		QAL	6.34	1.06	1.47	0.0	0.0	4.302	1494.	34.	1.	758.1	34.3	1	
1991	0	540	37.3688	89.4008	-1004.0		QAL	7.62	2.16	1.45	0.283	1.491	5.271	1501.	49.	2.	758.7	34.3	1	
1992	10	544	37.3688	89.4016	-1000.2		QAL	6.03	0.68	1.51	0.0	0.0	3.992	1445.	38.	5.	758.7	34.2	1	
1993	10	544	37.3688	89.4023	-999.0		QAL	5.29	1.38	1.35	0.0	0.0	3.918	1456.	51.	5.	757.1	34.2	1	
1994	0	548	37.3688	89.4030	-997.7		QAL	5.71	2.50	1.57	0.439	1.597	3.639	1643.	27.	2.	756.1	34.2	1	
1995	0	548	37.3688	89.4038	-994.2		QAL	6.72	3.69	1.16	0.548	3.167	5.777	1544.	32.	4.	756.1	34.1	1	
1996	10	532	37.3688	89.4045	-995.7		QAL	6.31	0.19	1.18	0.0	0.0	5.366	1345.	42.	6.	756.1	34.1	1	
1997	0	544	37.3688	89.4052	-998.5		QAL	4.84	2.00	1.03	0.412	1.928	4.675	1369.	51.	8.	756.6	34.1	1	
1998	0	548	37.3688	89.4060	-995.7		QAL	6.17	2.10	0.99	0.341	2.124	6.233	1329.	38.	6.	758.7	34.2	1	
1999	100	532	37.3688	89.4067	-994.0		QAL	0.68	3.41	1.00	0.0	3.403	0.0	1204.	48.	8.	758.7	34.2	1	
2000	10	536	37.3688	89.4074	-995.2		QAL	6.39	0.34	0.87	0.0	0.0	7.380	1112.	41.	3.	756.6	34.2	1	
2001	10	520	37.3688	89.4082	-992.7		QAL	5.88	0.09	0.84	0.0	0.0	6.986	957.	29.	0.	756.6	34.2	1	
2002	10	544	37.3688	89.4089	-990.0		QAL	4.03	1.33	0.90	0.0	0.0	4.456	886.	37.	1.	756.6	34.2	1	
2003	10	552	37.3688	89.4097	-991.0		QAL	5.25	-0.12	0.99	0.0	0.0	5.326	882.	38.	1.	756.6	34.2	1	
2004	0	544	37.3688	89.4105	-988.2		QAL	3.68	1.64	0.74	0.446	2.208	4.947	890.	56.	0.	758.7	34.3	1	
2005	10	540	37.3688	89.4112	-986.0		QAL	6.27	1.10	0.69	0.0	0.0	9.045	1111.	34.	1.	757.6	34.3	1	
2006	0	540	37.3689	89.4119	-985.7		QAL	5.05	2.43	0.76	0.481	3.181	6.608	1124.	42.	1.	755.5	34.4	1	
2007	10	540	37.3689	89.4127	-982.7		QAL	7.24	-0.82	0.93	0.0	0.0	7.768	1182.	37.	7.	755.5	34.4	1	
2008	10	540	37.3689	89.4134	-980.		QAL	7.96	1.58	0.97	0.0	0.0	8.184	1246.	34.	3.	756.6	34.4	1	
2009	10	516	37.3689	89.4141	-983.0		QAL	6.57	0.21	0.88	0.0	0.0	7.497	1256.	39.	10.	757.6	34.3	1	
2010	10	480	37.3689	89.4149	-980.7		QAL	7.02	1.17	1.02	0.0	0.0	6.847	1151.	35.	5.	758.7	34.3	1	
2011	10	492	37.3689	89.4157	-973.7		QAL	6.55	0.45	0.85	0.0	0.0	7.736	1153.	37.	5.	757.6	34.3	1	
2012	0	484	37.3689	89.4164	-973.2		QAL	6.23	2.27	0.80	0.365	2.855	7.828	1159.	40.	3.	756.6	34.3	1	
2013	0	492	37.3689	89.4171	-975.5		QAL	6.41	2.01	1.04	0.313	1.937	6.182	1192.	25.	3.	756.6	34.2	1	
2014	10	488	37.3689	89.4178	-970.2		QAL	2.99	1.12	0.78	0.0	0.0	3.834	1003.	39.	3.	757.6	34.2	1	

CP9 IP12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2015	10	480	37.3689	89.4186	-967.5	QAL	5.05	0.17	0.68	0.0	0.0	7.480	899.	42.	4.	758.7	34.2	1
2016	10	488	37.3689	89.4193	-970.5	QAL	3.82	0.30	0.74	0.0	0.0	5.141	598.	33.	3.	758.7	34.2	1
2017	10	496	37.3689	89.4201	-969.7	QAL	2.01	0.23	0.29	0.0	0.0	6.806	422.	42.	2.	757.1	34.2	1
2018	110	548	37.3689	89.4208	-966.0	QAL	0.72	-0.67	0.24	0.0	0.0	0.0	199.	37.	4.	756.1	34.2	1
2019	111	544	37.3689	89.4215	-965.2	QAL	0.39	-0.76	0.07	0.0	0.0	0.0	105.	37.	4.	756.1	34.2	1
2020	11	544	37.3689	89.4223	-962.7	QAL	1.27	0.21	0.12	0.0	0.0	0.0	82.	29.	0.	757.1	34.2	1
2021	111	544	37.3689	89.4230	-959.2	(WATER)	0.55	-0.10	0.01	0.0	0.0	0.0	1.	43.	0.	758.7	34.2	1
2022	111	548	37.3689	89.4237	-959.7	(WATER)	0.04	-0.47	0.04	0.0	0.0	0.0	-6.	45.	0.	758.7	34.3	1
2023	111	544	37.3689	89.4246	-959.0	(WATER)	0.02	-0.21	0.02	0.0	0.0	0.0	49.	33.	0.	756.6	34.4	1
2024	10	544	37.3689	89.4253	-953.0	(WATER)	1.52	-0.84	0.24	0.0	0.0	6.286	110.	36.	0.	756.6	34.3	1
2025	110	540	37.3689	89.4260	-948.7	(WATER)	0.09	0.60	0.17	0.0	0.0	0.0	223.	40.	0.	757.6	34.3	1
2026	10	536	37.3689	89.4268	-950.0	(WATER)	1.35	0.54	0.28	0.0	0.0	4.742	470.	41.	0.	758.1	34.3	1
2027	10	532	37.3689	89.4275	-948.7	(WATER)	3.25	0.97	0.61	0.0	0.0	5.325	682.	58.	1.	758.1	34.3	1
2028	10	528	37.3689	89.4282	-944.2	(WATER)	1.79	1.03	0.93	0.0	0.0	1.932	940.	27.	2.	757.1	34.4	1
2029	0	520	37.3689	89.4290	-944.5	(WATER)	5.88	1.52	0.82	0.259	1.851	7.138	1050.	40.	0.	756.6	34.4	1
2030	0	528	37.3689	89.4298	-940.5	(WATER)	2.84	1.43	1.01	0.506	1.424	2.814	1006.	38.	3.	757.6	34.4	1
2031	0	528	37.3689	89.4305	-936.2	(WATER)	1.97	2.72	0.74	1.378	3.674	2.666	926.	43.	0.	758.7	34.4	1
2032	0	528	37.3689	89.4312	-939.0	(WATER)	3.29	2.43	0.55	0.740	4.447	6.011	794.	38.	1.	757.6	34.4	1
2033	0	540	37.3689	89.4320	-937.2	(WATER)	1.91	1.64	0.43	0.860	3.825	4.448	637.	35.	1.	757.1	34.4	1
2034	10	540	37.3689	89.4327	-934.0	(WATER)	2.38	1.01	0.70	0.0	0.0	3.379	680.	46.	0.	757.6	34.4	1
2035	0	540	37.3689	89.4335	-933.0	(WATER)	4.13	2.23	0.90	0.540	2.470	4.573	905.	44.	0.	758.7	34.4	1
2036	0	532	37.3690	89.4342	-929.5	QAL	6.40	1.57	0.90	0.246	1.740	7.086	1157.	38.	0.	758.7	34.4	1
2037	10	536	37.3690	89.4349	-926.5	QAL	6.46	0.60	1.71	0.0	0.0	3.788	1380.	50.	0.	757.6	34.3	1
2038	0	540	37.3690	89.4356	-927.5	QAL	5.46	2.62	1.66	0.480	1.578	3.288	1517.	52.	0.	756.6	34.4	1
2039	0	544	37.3690	89.4364	-924.5	QAL	8.48	1.97	1.73	0.233	1.140	4.895	1549.	38.	1.	757.6	34.4	1
2040	0	544	37.3689	89.4371	-921.2	QAL	7.33	3.24	1.53	0.442	2.119	4.797	1618.	36.	5.	758.7	34.4	1
2041	10	548	37.3689	89.4379	-921.0	QAL	8.26	1.09	1.39	0.0	0.0	5.962	1614.	42.	3.	758.1	34.4	1
2042	0	548	37.3689	89.4387	-917.0	QAL	5.47	2.00	1.51	0.366	1.327	3.627	1555.	37.	4.	757.1	34.3	1
2043	0	552	37.3689	89.4394	-912.7	QAL	7.02	2.35	1.46	0.335	1.614	4.819	1525.	42.	5.	757.1	34.3	1
2044	0	552	37.3689	89.4401	-911.7	QAL	7.24	1.93	1.48	0.266	1.299	4.878	1627.	42.	5.	758.1	34.3	1
2045	10	548	37.3689	89.4409	-910.5	QAL	6.87	1.16	1.53	0.0	0.0	4.493	1609.	43.	4.	758.1	34.3	1
2046	10	544	37.3690	89.4416	-909.0	SU-2	7.45	0.51	1.28	0.0	0.0	5.840	1471.	38.	7.	757.6	34.2	1
2047	10	544	37.3690	89.4423	-906.0	SU-2	7.65	0.91	1.52	0.0	0.0	5.039	1530.	46.	1.	756.6	34.2	1
2048	0	548	37.3690	89.4431	-903.0	SU-2	5.67	3.52	1.18	0.621	2.981	4.802	1396.	41.	0.	757.6	34.2	1
2049	10	556	37.3690	89.4438	-904.5	SU-2	5.54	1.53	1.44	0.0	0.0	3.849	1486.	.3.	0.	758.7	34.1	1
2050	0	556	37.3690	89.4446	-902.7	SU-2	8.37	3.80	1.35	0.454	2.805	6.179	1523.	37.	0.	757.1	34.1	1
2051	0	528	37.3690	89.4453	-894.7	SU-2	6.63	3.02	1.21	0.456	2.491	5.468	1524.	38.	0.	756.1	34.1	1
2052	0	488	37.3690	89.4460	-892.5	SU-2	5.48	1.62	1.04	0.296	1.559	5.274	1331.	44.	0.	757.6	34.2	1
2053	0	468	37.3690	89.4467	-892.5	SU-2	7.38	1.86	1.36	0.251	1.360	5.411	1411.	37.	0.	758.7	34.2	1
2054	0	456	37.3690	89.4476	-890.7	SU-2	5.79	1.39	1.32	0.240	1.052	4.387	1289.	48.	0.	757.6	34.2	1
2055	0	476	37.3690	89.4483	-887.7	SU-2	4.43	3.31	1.08	0.747	3.071	4.111	1311.	52.	0.	757.1	34.1	1
2056	10	460	37.3690	89.4490	-886.2	SU-2	6.25	0.94	1.46	0.0	0.0	4.286	1330.	36.	0.	758.1	34.1	1
2057	10	456	37.3690	89.4497	-887.0	SU-2	5.37	1.19	1.37	0.0	0.0	3.920	1262.	39.	0.	758.7	34.2	1
2058	10	444	37.3690	89.4505	-886.7	SU-2	5.23	1.08	1.22	0.0	0.0	4.271	1221.	47.	0.	757.6	34.2	1
2059	0	436	37.3690	89.4512	-883.0	SU-2	3.73	1.45	0.98	0.388	1.477	3.804	1227.	35.	0.	756.6	34.2	1
2060	10	448	37.3690	89.4519	-878.0	SU-2	5.84	0.99	1.30	0.0	0.0	4.486	1320.	47.	6.	757.6	34.2	1
2061	0	440	37.3690	89.4528	-876.0	SU-2	4.83	1.54	1.22	0.319	1.265	3.964	1321.	33.	4.	758.7	34.2	1
2062	10	428	37.3690	89.4535	-874.0	OMK-2	7.70	0.10	1.21	0.0	0.0	6.341	1239.	44.	4.	758.7	34.2	1
2063	10	464	37.3690	89.4542	-873.5	OMK-2	5.71	1.06	1.33	0.0	0.0	4.287	1288.	46.	3.	756.6	34.2	1
2064	0	524	37.3690	89.4550	-872.7	OMK-2	7.33	1.94	1.34	0.265	1.453	5.483	1470.	38.	6.	757.1	34.2	1
2065	10	524	37.3690	89.4557	-869.7	OMK-2	8.45	1.24	1.27	0.0	0.0	6.670	1583.	25.	2.	759.2	34.2	1
2066	10	524	37.3690	89.4564	-869.2	OMK-2	6.92	0.96	1.29	0.0	0.0	5.374	1458.	45.	2.	758.1	34.2	1
2067	0	520	37.3690	89.4572	-870.7	OMK-2	6.04	2.36	1.12	0.392	2.111	5.392	1414.	38.	3.	757.1	34.2	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2068	10	524	37.3690	89.4580	-868.7	OMK-2	7.35	0.09	1.32	0.0	0.0	5.575	1379.	51.	2.	758.1	34.2	1
2069	0	524	37.3690	89.4587	-864.5	OMK-2	8.65	2.37	1.20	0.274	1.970	7.182	1502.	33.	1.	759.2	34.2	1
2070	0	508	37.3690	89.4594	-866.2	OMK-2	5.98	3.25	1.01	0.544	3.203	5.894	1456.	33.	1.	758.7	34.2	1
2071	10	488	37.3690	89.4601	-866.2	OMK-2	8.49	1.32	1.38	0.0	0.0	6.151	1481.	44.	0.	757.6	34.2	1
2072	0	492	37.3690	89.4608	-864.0	OMK-2	5.28	2.99	1.15	0.566	2.596	4.590	1475.	40.	0.	757.6	34.1	1
2073	0	492	37.3690	89.4617	-863.5	OMK-2	8.33	3.65	1.40	0.438	2.615	5.970	1549.	47.	0.	758.7	34.2	1
2074	0	484	37.3690	89.4624	-863.5	OMK-2	4.84	2.60	1.18	0.537	2.210	4.116	1452.	41.	0.	758.7	34.2	1
2075	0	484	37.3690	89.4631	-861.5	OMK-2	6.14	2.78	1.07	0.452	2.584	5.715	1580.	34.	0.	757.6	34.1	1
2076	0	476	37.3690	89.4638	-864.0	OMK-2	6.90	3.96	1.33	0.574	2.973	5.183	1642.	34.	0.	757.6	34.1	1
2077	10	460	37.3690	89.4646	-862.7	OMK-2	8.62	0.80	1.27	0.0	0.0	6.784	1547.	39.	0.	758.7	34.1	1
2078	0	456	37.3690	89.4653	-858.0	OMK-2	7.10	2.87	1.18	0.405	2.435	6.020	1511.	46.	0.	758.1	34.1	1
2079	0	456	37.3690	89.4660	-856.2	OMK-2	6.11	2.21	1.14	0.362	1.940	5.363	1508.	49.	0.	757.1	34.2	1
2080	0	460	37.3690	89.4669	-854.7	OMK-2	8.17	3.33	1.41	0.408	2.363	5.790	1637.	55.	0.	757.1	34.2	1
2081	0	460	37.3690	89.4676	-854.5	OMK-2	8.31	2.85	1.14	0.344	2.506	7.293	1551.	42.	0.	758.7	34.2	1
2082	0	460	37.3690	89.4683	-860.0	OMK-2	7.37	3.83	1.34	0.519	2.847	5.487	1641.	42.	0.	758.7	34.2	1
2083	0	460	37.3690	89.4691	-857.5	OMK-2	10.73	2.40	1.34	0.224	1.791	7.992	1725.	36.	0.	757.6	34.2	1
2084	0	460	37.3690	89.4698	-850.7	OMK-2	6.04	4.19	1.10	0.695	3.797	5.465	1652.	43.	0.	758.1	34.2	1
2085	0	456	37.3690	89.4705	-853.7	OMK-2	8.20	1.83	1.34	0.224	1.369	6.122	1602.	58.	0.	759.2	34.2	1
2086	0	452	37.3691	89.4713	-858.2	OMK-2	7.31	3.23	1.19	0.442	2.709	6.136	1649.	37.	0.	758.1	34.2	1
2087	0	452	37.3691	89.4720	-854.5	OMK-2	7.64	2.52	1.39	0.330	1.818	5.512	1731.	49.	0.	757.6	34.2	1
2088	0	444	37.3691	89.4728	-852.7	OMK-2	8.76	2.27	1.55	0.259	1.464	5.656	1664.	37.	0.	758.7	34.2	1
2089	0	432	37.3691	89.4735	-854.7	OMK-2	7.78	2.99	1.30	0.385	2.299	5.977	1605.	35.	0.	757.6	34.2	1
2090	0	432	37.3691	89.4742	-856.0	OMK-2	8.44	2.06	1.53	0.245	1.346	5.500	1739.	51.	5.	757.1	34.1	1
2091	0	436	37.3691	89.4750	-856.2	OMK-2	6.60	3.96	1.19	0.601	3.334	5.550	1685.	40.	4.	759.2	34.1	1
2092	10	440	37.3690	89.4758	-853.5	OMK-2	6.30	1.30	1.71	0.0	0.0	3.686	1728.	42.	7.	758.1	34.1	1
2093	0	444	37.3690	89.4765	-851.0	OMK-2	5.27	3.05	1.60	0.579	1.901	3.284	1654.	52.	3.	756.6	34.0	1
2094	10	452	37.3690	89.4772	-855.2	OMK-2	5.98	1.24	1.38	0.0	0.0	4.337	1594.	26.	10.	758.7	34.1	1
2095	0	456	37.3690	89.4779	-859.0	OMK-2	5.76	3.00	1.22	0.522	2.470	4.734	1621.	42.	6.	758.7	34.1	1
2096	10	456	37.3691	89.4787	-858.7	OMK-2	7.71	1.14	1.27	0.0	0.0	6.066	1567.	35.	8.	756.6	34.1	1
2097	0	452	37.3691	89.4793	-860.7	OMK-2	6.70	1.99	1.44	0.297	1.386	4.661	1527.	49.	7.	758.7	34.1	1
2098	10	472	37.3691	89.4799	-858.5	OMK-2	9.60	1.26	1.33	0.0	0.0	7.233	1630.	49.	3.	758.7	34.1	1
2099	10	464	37.3691	89.4806	-857.0	OMK-2	9.71	0.61	1.57	0.0	0.0	6.200	1630.	38.	5.	757.6	34.0	1
2100	0	464	37.3691	89.4813	-863.7	OMK-2	7.07	2.43	1.03	0.344	2.370	6.886	1516.	51.	1.	758.7	34.1	1
2101	10	488	37.3691	89.4819	-863.7	OMK-2	8.78	1.36	1.24	0.0	0.0	7.101	1609.	39.	0.	758.7	34.1	1
2102	10	488	37.3691	89.4826	-859.0	OMK-2	9.17	1.48	1.35	0.0	0.0	6.799	1547.	47.	3.	756.6	34.0	1
2103	0	484	37.3691	89.4833	-859.7	OMK-2	8.04	2.31	1.32	0.288	1.753	6.092	1703.	49.	7.	757.6	34.0	1
2104	0	404	37.3691	89.4840	-863.0	OMK-2	9.37	2.23	1.09	0.237	2.050	8.631	1462.	47.	2.	758.7	34.0	1
2105	0	412	37.3691	89.4846	-863.5	OMK-2	7.76	2.19	1.14	0.282	1.917	6.801	1540.	47.	2.	757.6	33.9	1
2106	10	428	37.3691	89.4853	-863.7	OMK-2	5.53	1.03	1.32	0.0	0.0	4.178	1558.	46.	8.	756.6	33.9	1
2107	0	428	37.3691	89.4860	-867.0	OMK-2	10.70	1.99	1.11	0.186	1.786	9.615	1661.	24.	3.	758.1	33.9	1
2108	10	432	37.3691	89.4866	-867.7	OMK-2	7.02	1.08	1.26	0.0	0.0	5.572	1596.	47.	6.	758.1	33.8	1
2109	0	444	37.3691	89.4873	-862.5	OMK-2	7.81	3.20	1.34	0.410	2.388	5.823	1676.	42.	7.	757.1	33.8	1
2110	0	440	37.3691	89.4880	-864.7	OMK-2	5.98	1.96	1.50	0.328	1.307	3.989	1709.	44.	2.	758.1	33.8	1
2111	10	436	37.3690	89.4887	-869.2	OMK-2	8.18	0.84	1.75	0.0	0.0	4.677	1738.	34.	5.	757.6	33.7	1
2112	0	428	37.3690	89.4893	-865.2	OMK-2	6.91	2.79	1.41	0.403	1.976	4.898	1704.	33.	1.	757.1	33.6	1
2113	0	428	37.3690	89.4899	-867.5	OMK-2	9.31	2.36	1.30	0.254	1.815	7.155	1604.	59.	6.	758.1	33.6	1
2114	0	416	37.3690	89.4906	-872.5	OMK-2	9.33	1.74	1.38	0.186	1.260	6.766	1662.	46.	1.	758.1	33.6	1
2115	10	420	37.3690	89.4913	-871.5	OMK-2	8.32	1.35	1.32	0.0	0.0	6.289	1604.	38.	4.	758.7	33.5	1
2116	0	436	37.3690	89.4920	-872.0	OMK-2	8.63	4.16	1.21	0.482	3.436	7.124	1763.	36.	2.	758.1	33.5	1
2117	0	452	37.3690	89.4927	-872.0	OMK-2	8.25	2.17	1.22	0.263	1.780	6.755	1684.	42.	4.	757.1	33.4	1
2118	0	464	37.3690	89.4933	-869.5	OMK-2	9.27	1.95	1.43	0.211	1.364	6.468	1777.	37.	1.	758.1	33.4	1
2119	0	456	37.3690	89.4940	-872.7	OMK-2	8.55	3.02	1.16	0.354	2.613	7.389	1561.	53.	0.	758.7	33.4	1
2120	0	460	37.3690	89.4946	-873.0	OMK-2	7.98	2.95	1.01	0.370	2.911	7.878	1641.	41.	0.	758.1	33.4	1

* TAGS			* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2121	0	472	37.3691	89.4953	-874.0	OMK-2	6.68	3.42	1.37	0.512	2.487	4.858	1618.	52.	0.	758.1	33.4	1
2122	0	480	37.3691	89.4960	-880.2	OMK-2	6.99	3.89	1.23	0.556	3.172	5.704	1611.	42.	0.	757.1	33.4	1
2123	0	480	37.3691	89.4967	-882.7	OMK-2	7.81	4.11	0.94	0.527	4.382	8.315	1503.	42.	0.	757.6	33.4	1
2124	0	468	37.3691	89.4974	-875.2	OMK-2	6.17	2.38	1.20	0.386	1.981	5.130	1498.	46.	0.	758.1	33.4	1
2125	0	468	37.3691	89.4980	-874.0	OMK-2	6.65	2.02	1.27	0.304	1.588	5.229	1444.	56.	0.	758.1	33.4	1
2126	0	468	37.3691	89.4987	-882.0	DU	6.52	1.58	1.12	0.242	1.414	5.846	1399.	48.	1.	758.1	33.4	1
2127	0	468	37.3691	89.4993	-882.0	DU	5.13	1.78	1.02	0.348	1.751	5.039	1421.	37.	0.	757.6	33.4	1
2128	10	472	37.3691	89.5000	-878.0	DU	7.12	1.42	1.28	0.0	0.0	5.545	1410.	34.	0.	758.1	33.5	1
2129	0	472	37.3691	89.5006	-879.5	DU	5.23	3.07	1.08	0.588	2.840	4.833	1461.	30.	0.	758.1	33.4	1
2130	10	468	37.3691	89.5013	-881.0	DU	6.69	0.81	1.20	0.0	0.0	5.578	1386.	50.	0.	757.6	33.4	1
2131	0	464	37.3690	89.5019	-883.5	DU	6.11	1.73	1.20	0.283	1.441	5.093	1441.	48.	0.	758.1	33.4	1
2132	0	464	37.3690	89.5027	-889.5	DU	7.68	2.56	0.96	0.334	2.682	8.035	1383.	42.	0.	757.6	33.4	1
2133	0	464	37.3690	89.5033	-889.2	DU	6.81	3.22	1.13	0.473	2.842	6.014	1419.	42.	0.	758.1	33.3	1
2134	0	460	37.3690	89.5040	-886.7	DU	4.50	1.55	1.21	0.344	1.279	3.715	1268.	44.	0.	757.6	33.3	1
2135	0	464	37.3690	89.5047	-886.0	DU	6.94	2.22	1.20	0.321	1.851	5.774	1414.	37.	0.	756.6	33.3	1
2136	0	464	37.3690	89.5053	-886.7	DU	6.62	1.61	1.27	0.243	1.268	5.213	1373.	42.	0.	758.1	33.2	1
2137	0	460	37.3690	89.5060	-888.5	DU	7.16	2.37	1.14	0.331	2.079	6.282	1382.	47.	0.	758.7	33.2	1
2138	10	460	37.3690	89.5067	-890.7	DU	5.86	0.49	1.11	0.0	0.0	5.275	1274.	53.	6.	758.1	33.2	1
2139	0	456	37.3690	89.5074	-889.7	DU	5.43	2.03	1.17	0.374	1.731	4.624	1308.	45.	4.	758.1	33.1	1
2140	0	460	37.3690	89.5080	-891.0	DU	5.43	2.28	1.03	0.421	2.225	5.287	1310.	45.	3.	758.1	33.1	1
2141	0	452	37.3690	89.5086	-894.7	DU	6.17	2.55	1.19	0.414	2.151	5.195	1403.	35.	3.	758.7	33.0	1
2142	10	444	37.3690	89.5094	-893.7	DU	8.15	1.10	1.34	0.0	0.0	6.062	1431.	32.	0.	758.7	33.0	1
2143	0	396	37.3690	89.5100	-891.7	DU	6.92	2.08	1.09	0.301	1.905	6.327	1416.	30.	3.	758.1	33.0	1
2144	0	404	37.3690	89.5106	-895.2	DU	8.53	2.96	1.09	0.347	2.717	7.830	1447.	33.	0.	758.1	33.0	1
2145	0	400	37.3690	89.5113	-897.2	DU	6.84	2.68	1.26	0.392	2.123	5.415	1440.	42.	2.	757.1	32.9	1
2146	0	388	37.3690	89.5120	-897.0	DU	7.61	2.92	0.93	0.384	3.137	8.173	1456.	38.	1.	757.6	33.0	1
2147	0	360	37.3690	89.5127	-893.7	DU	6.69	1.29	1.30	0.193	0.990	5.140	1432.	32.	5.	758.7	33.0	1
2148	0	332	37.3690	89.5133	-890.7	DU	6.63	1.39	0.81	0.210	1.730	8.234	1284.	37.	1.	757.6	33.1	1
2149	10	304	37.3690	89.5140	-895.0	DU	6.64	0.94	1.05	0.0	0.0	6.338	1187.	49.	1.	758.1	33.1	1
2150	10	328	37.3690	89.5147	-900.2	DU	7.00	0.30	1.25	0.0	0.0	5.605	1276.	31.	2.	758.1	33.1	1
2151	0	344	37.3690	89.5153	-899.7	DU	6.52	2.52	0.78	0.387	3.217	8.322	1263.	40.	2.	757.1	33.1	1
2152	0	348	37.3690	89.5160	-899.7	DU	6.32	2.09	1.13	0.330	1.839	5.575	1360.	41.	0.	758.1	33.1	1
2153	10	328	37.3690	89.5167	-902.2	DU	8.18	0.71	1.24	0.0	0.0	6.607	1337.	47.	1.	758.1	33.1	1
2154	0	308	37.3690	89.5173	-901.2	DU	4.87	3.05	0.93	0.627	3.271	5.219	1228.	46.	0.	757.6	33.2	1
2155	0	328	37.3690	89.5180	-902.5	DU	6.22	2.34	0.95	0.376	2.476	6.582	1239.	44.	0.	758.1	33.1	1
2156	0	376	37.3690	89.5186	-902.0	DU	6.73	2.00	1.02	0.297	1.957	6.591	1402.	37.	0.	758.1	33.2	1
2157	0	340	37.3690	89.5194	-900.5	DU	6.26	2.62	0.91	0.418	2.876	6.881	1303.	37.	0.	758.7	33.2	1
2158	0	324	37.3690	89.5200	-906.5	DU	5.25	1.68	0.82	0.320	2.055	6.431	1258.	41.	0.	758.7	33.1	1
2159	0	336	37.3690	89.5206	-908.5	DU	6.22	2.29	0.98	0.368	2.328	6.331	1327.	37.	0.	758.1	33.1	1
2160	0	348	37.3690	89.5213	-901.5	DU	6.34	2.29	1.04	0.361	2.199	6.082	1359.	43.	0.	758.1	33.1	1
2161	0	388	37.3690	89.5220	-901.2	DU	5.67	2.55	1.29	0.450	1.970	4.377	1504.	45.	0.	758.1	33.1	1
2162	0	344	37.3690	89.5227	-905.0	DU	7.54	2.11	1.10	0.280	1.924	6.881	1413.	40.	0.	758.7	33.2	1
2163	0	328	37.3690	89.5233	-904.5	DU	6.97	1.78	1.13	0.256	1.578	6.165	1403.	42.	0.	758.7	33.2	1
2164	0	324	37.3690	89.5240	-907.7	DU	8.13	1.63	1.23	0.200	1.326	6.618	1458.	44.	0.	758.1	33.1	1
2165	0	320	37.3690	89.5247	-906.2	DU	5.44	2.77	1.12	0.509	2.465	4.839	1452.	45.	0.	758.7	33.1	1
2166	0	320	37.3690	89.5253	-903.0	DU	6.98	2.29	1.17	0.329	1.954	5.944	1426.	48.	0.	758.7	33.2	1
2167	0	324	37.3690	89.5260	-907.0	DU	6.73	2.08	1.23	0.308	1.688	5.473	1489.	40.	1.	758.7	33.2	1
2168	0	300	37.3690	89.5267	-910.2	DU	6.60	2.70	1.15	0.409	2.350	5.747	1465.	44.	0.	758.1	33.2	1
2169	0	296	37.3690	89.5274	-906.7	DU	8.01	1.69	0.97	0.211	1.737	8.230	1496.	45.	2.	757.6	33.3	1
2170	0	268	37.3690	89.5280	-904.0	DU	5.99	2.27	0.91	0.379	2.489	6.569	1567.	31.	2.	758.7	33.3	1
2171	0	264	37.3690	89.5287	-906.0	DU	6.73	2.16	1.06	0.322	2.041	6.344	1442.	39.	0.	758.1	33.3	1
2172	0	260	37.3690	89.5294	-906.7	SU-1	6.72	2.07	0.94	0.307	2.190	7.124	1362.	33.	0.	757.1	33.3	1
2173	0	240	37.3690	89.5300	-903.2	SU-1	5.46	2.00	0.93	0.367	2.147	5.858	1239.	39.	1.	758.1	33.3	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2174	0	208	37.3690	89.5306	-903.2	SU-1	4.06	1.70	0.72	0.417	2.371	5.681	1007.	39.	0.	756.6	33.2	1
2175	0	204	37.3690	89.5313	-908.2	SU-1	3.91	1.97	0.63	0.505	3.133	6.210	912.	45.	1.	756.1	33.2	1
2176	0	244	37.3690	89.5320	-910.0	SU-1	3.38	1.90	0.52	0.561	3.641	6.490	970.	44.	0.	757.6	33.2	1
2177	0	284	37.3690	89.5327	-908.0	SU-1	3.33	1.12	0.88	0.337	1.274	3.782	1116.	40.	4.	756.6	33.2	1
2178	0	308	37.3690	89.5334	-906.2	SU-1	6.26	1.47	0.89	0.234	1.647	7.033	1179.	31.	3.	756.6	33.2	1
2179	0	356	37.3690	89.5340	-911.0	SU-1	5.55	2.17	0.98	0.391	2.224	5.695	1176.	49.	3.	757.1	33.1	1
2180	0	356	37.3690	89.5347	-914.0	SU-1	5.43	1.27	0.80	0.235	1.592	6.784	1103.	43.	0.	756.1	33.1	1
2181	0	348	37.3690	89.5353	-905.5	SU-1	4.89	1.84	0.80	0.376	2.303	6.130	1059.	33.	0.	755.5	33.0	1
2182	10	352	37.3690	89.5360	-904.5	SU-1	7.35	0.59	0.94	0.0	0.0	7.797	1072.	45.	0.	755.0	33.0	1
2183	10	348	37.3690	89.5367	-909.5	DU	5.20	1.04	0.79	0.0	0.0	6.622	1022.	40.	0.	755.0	32.9	1
2184	10	384	37.3690	89.5374	-907.2	DU	6.15	1.21	0.76	0.0	0.0	8.090	1067.	49.	0.	755.0	32.9	1
2185	0	392	37.3690	89.5380	-909.2	DU	3.30	1.24	0.99	0.375	1.257	3.348	981.	57.	3.	754.5	32.9	1
2186	0	376	37.3690	89.5387	-910.7	SU-1	4.41	2.00	0.80	0.453	2.484	5.480	1077.	33.	2.	755.0	32.9	1
2187	10	380	37.3690	89.5393	-907.7	SU-1	6.18	-0.29	1.08	0.0	0.0	5.715	1082.	50.	3.	754.5	32.8	1
2188	10	392	37.3690	89.5400	-910.2	SU-1	5.43	1.14	0.79	0.0	0.0	6.841	1110.	52.	3.	754.0	32.8	1
2189	0	428	37.3690	89.5407	-911.2	SU-1	7.78	2.02	0.79	0.259	2.559	9.878	1250.	28.	2.	754.5	32.7	1
2190	10	472	37.3690	89.5414	-910.0	SU-2	5.95	1.23	1.17	0.0	0.0	5.097	1321.	45.	3.	754.5	32.7	1
2191	10	540	37.3690	89.5420	-908.5	SU-2	8.52	1.71	1.22	0.0	0.0	6.979	1535.	46.	2.	754.0	32.6	1
2192	10	552	37.3690	89.5427	-908.2	SU-2	9.73	0.78	1.25	0.0	0.0	7.812	1472.	57.	2.	754.0	32.6	1
2193	0	568	37.3690	89.5434	-911.0	SU-2	7.98	1.72	1.43	0.216	1.210	5.598	1641.	38.	0.	753.5	32.7	1
2194	10	580	37.3690	89.5440	-912.7	SU-2	8.76	-0.99	1.24	0.0	0.0	7.065	1471.	44.	6.	753.5	32.6	1
2195	10	588	37.3690	89.5447	-913.0	SU-2	6.98	0.74	1.36	0.0	0.0	5.151	1512.	40.	4.	754.0	32.6	1
2196	10	584	37.3690	89.5453	-908.7	SU-2	9.82	1.84	1.34	0.0	0.0	7.337	1580.	38.	1.	754.0	32.6	1
2197	10	584	37.3690	89.5461	-905.2	SU-2	11.02	0.96	1.24	0.0	0.0	8.852	1509.	39.	0.	753.5	32.5	1
2198	0	584	37.3690	89.5467	-910.0	SU-2	6.34	4.77	0.96	0.752	4.953	6.587	1498.	47.	1.	753.5	32.5	1
2199	0	572	37.3690	89.5473	-911.0	SU-2	5.69	3.13	1.12	0.550	2.802	5.093	1495.	53.	1.	754.0	32.5	1
2200	0	560	37.3690	89.5480	-909.0	SU-2	9.97	1.87	1.28	0.188	1.457	7.770	1677.	34.	0.	754.0	32.5	1
2201	0	544	37.3690	89.5487	-911.7	SU-2	8.42	2.90	1.30	0.345	2.228	6.465	1616.	41.	0.	754.0	32.5	1
2202	0	548	37.3690	89.5493	-909.2	SU-2	10.13	2.71	1.16	0.268	2.331	8.707	1647.	39.	1.	753.5	32.6	1
2203	10	544	37.3690	89.5500	-908.0	OMK-2	6.66	1.67	1.35	0.0	0.0	4.950	1504.	46.	5.	753.5	32.6	1
2204	10	556	37.3690	89.5507	-911.5	OMK-2	9.06	1.75	1.16	0.0	0.0	7.788	1597.	49.	10.	754.5	32.7	1
2205	10	560	37.3690	89.5513	-911.0	OMK-2	4.77	0.77	1.39	0.0	0.0	3.438	1599.	42.	9.	753.5	32.6	1
2206	10	540	37.3690	89.5520	-911.2	OMK-2	8.32	0.05	1.25	0.0	0.0	6.670	1651.	40.	7.	753.0	32.6	1
2207	0	524	37.3690	89.5527	-915.7	OMK-2	6.51	2.13	1.30	0.327	1.630	4.987	1659.	36.	6.	754.0	32.6	1
2208	0	520	37.3690	89.5534	-915.7	OMK-2	8.79	2.80	1.31	0.319	2.141	6.720	1666.	44.	6.	754.0	32.6	1
2209	10	512	37.3690	89.5540	-914.7	OMK-2	8.00	-0.04	1.63	0.0	0.0	4.901	1547.	36.	8.	753.5	32.6	1
2210	0	504	37.3690	89.5547	-911.7	OMK-2	7.79	3.42	1.14	0.439	3.008	6.850	1605.	39.	8.	753.5	32.7	1
2211	0	508	37.3690	89.5554	-912.5	OMK-2	6.07	2.92	1.19	0.482	2.448	5.081	1550.	39.	7.	754.0	32.7	1
2212	10	516	37.3690	89.5560	-916.5	OMK-2	7.63	1.38	1.50	0.0	0.0	5.102	1484.	43.	7.	753.5	32.7	1
2213	10	516	37.3690	89.5567	-914.0	OMK-2	7.24	1.15	1.05	0.0	0.0	6.924	1408.	41.	4.	753.5	32.8	1
2214	0	488	37.3690	89.5574	-912.7	OMK-2	7.16	2.15	1.26	0.300	1.706	5.694	1399.	33.	0.	754.0	32.8	1
2215	10	488	37.3690	89.5581	-917.5	OMK-2	5.91	1.06	1.43	0.0	0.0	4.125	1387.	37.	1.	754.0	32.7	1
2216	0	536	37.3690	89.5587	-915.2	OMK-2	8.20	2.47	0.80	0.302	3.101	10.286	1449.	38.	0.	754.0	32.8	1
2217	10	556	37.3690	89.5593	-912.5	OMK-2	9.31	1.34	1.03	0.0	0.0	9.039	1509.	47.	1.	754.5	32.8	1
2218	0	556	37.3690	89.5601	-913.0	OMK-2	8.14	4.24	0.91	0.521	4.638	8.908	1582.	36.	1.	754.5	32.8	1
2219	0	572	37.3690	89.5607	-912.0	OMK-2	8.32	3.31	1.20	0.398	2.750	6.918	1460.	40.	0.	754.0	32.8	1
2220	0	576	37.3689	89.5613	-910.7	OMK-2	6.65	2.40	1.41	0.361	1.704	4.716	1434.	45.	2.	754.0	32.8	1
2221	10	580	37.3689	89.5620	-907.7	OMK-2	7.41	1.43	1.39	0.0	0.0	5.346	1309.	40.	1.	754.5	32.8	1
2222	0	580	37.3690	89.5627	-904.0	OMK-2	7.46	3.58	0.93	0.480	3.662	7.630	1422.	42.	0.	754.5	32.8	1
2223	0	568	37.3690	89.5634	-907.5	OMK-2	6.39	2.62	1.10	0.411	2.377	5.786	1352.	51.	1.	754.5	32.8	1
2224	10	568	37.3690	89.5640	-913.5	OMK-2	6.70	0.02	1.04	0.0	0.0	6.417	1358.	53.	7.	754.5	32.8	1
2225	0	556	37.3690	89.5647	-908.2	OMK-2	5.52	2.00	1.38	0.362	1.448	3.996	1497.	45.	4.	754.5	32.8	1
2226	0	540	37.3690	89.5654	-906.5	OMK-2	6.50	1.75	1.18	0.269	1.488	5.527	1487.	35.	6.	754.5	32.8	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2227	0	528	37.3690	89.5660	-912.2	OMK-2	5.13	3.48	1.09	0.678	3.189	4.704	1474.	47.	5.	754.5	32.8	1
2228	0	516	37.3690	89.5667	-909.5	OMK-2	8.67	3.45	0.90	0.398	3.842	9.643	1621.	39.	0.	753.5	32.8	1
2229	10	516	37.3690	89.5674	-903.7	OMK-2	6.00	1.12	1.22	0.0	0.0	4.906	1502.	49.	3.	754.5	32.8	1
2230	0	516	37.3690	89.5681	-906.7	OMK-2	7.16	1.80	1.13	0.252	1.589	6.318	1536.	41.	0.	754.5	32.8	1
2231	0	504	37.3690	89.5687	-904.0	OMK-2	9.39	2.66	1.25	0.284	2.132	7.519	1598.	41.	0.	754.5	32.8	1
2232	0	504	37.3690	89.5693	-899.0	OMK-2	5.57	3.36	1.36	0.603	2.470	4.095	1576.	44.	0.	754.5	32.8	1
2233	0	516	37.3690	89.5701	-902.5	OMK-2	7.58	2.53	1.19	0.334	2.117	6.343	1506.	46.	0.	754.0	32.8	1
2234	0	488	37.3690	89.5707	-904.5	OMK-2	7.11	1.96	1.16	0.275	1.686	6.129	1501.	33.	0.	754.0	32.8	1
2235	0	460	37.3690	89.5714	-897.5	OMK-2	7.29	3.58	0.87	0.491	4.098	8.349	1395.	40.	0.	754.5	32.8	1
2236	0	504	37.3690	89.5721	-894.0	OMK-2	7.53	2.28	1.02	0.302	2.232	7.384	1485.	38.	0.	754.5	32.8	1
2237	0	516	37.3689	89.5727	-890.7	OMK-2	7.64	3.11	1.22	0.407	2.543	6.242	1509.	44.	3.	754.5	32.8	1
2238	0	528	37.3689	89.5733	-889.0	OMK-2	7.91	3.87	1.16	0.489	3.327	6.805	1516.	43.	1.	754.0	32.8	1
2239	10	516	37.3689	89.5740	-892.0	OMK-2	6.74	1.02	1.20	0.0	0.0	5.622	1499.	43.	4.	754.0	32.8	1
2240	10	516	37.3689	89.5747	-892.2	OMK-2	7.38	1.13	0.99	0.0	0.0	7.418	1297.	38.	4.	754.5	32.8	1
2241	0	520	37.3689	89.5754	-886.2	OMK-2	6.03	2.34	0.78	0.388	2.989	7.711	1444.	39.	4.	755.0	32.8	1
2242	10	528	37.3689	89.5760	-886.5	OMK-2	8.92	0.34	1.09	0.0	0.0	8.208	1438.	37.	2.	755.0	32.8	1
2243	0	532	37.3689	89.5767	-885.2	OMK-2	6.81	2.47	1.10	0.362	2.252	6.220	1511.	41.	2.	754.5	32.7	1
2244	0	544	37.3689	89.5774	-881.0	OMK-2	7.21	2.92	0.97	0.405	3.017	7.449	1392.	41.	0.	753.5	32.7	1
2245	0	560	37.3689	89.5780	-880.2	OMK-2	6.17	3.84	1.04	0.621	3.687	5.932	1430.	43.	0.	754.5	32.7	1
2246	0	584	37.3689	89.5787	-880.2	OMK-2	6.24	4.73	0.72	0.758	6.575	8.671	1474.	32.	0.	755.5	32.7	1
2247	0	600	37.3690	89.5794	-875.7	OMK-2	6.20	2.19	1.38	0.353	1.589	4.499	1506.	47.	3.	754.5	32.7	1
2248	10	600	37.3690	89.5800	-873.5	OMK-2	6.47	1.86	1.37	0.0	0.0	4.721	1573.	23.	6.	754.5	32.7	1
2249	10	600	37.3690	89.5807	-875.0	OMK-2	5.16	1.19	1.58	0.0	0.0	3.270	1600.	33.	10.	756.1	32.7	1
2250	10	580	37.3690	89.5813	-873.2	OMK-2	8.30	0.46	1.03	0.0	0.0	8.050	1471.	38.	9.	755.5	32.8	1
2251	10	556	37.3690	89.5820	-868.5	OMK-2	8.19	1.34	1.35	0.0	0.0	6.073	1570.	26.	6.	754.0	32.8	1
2252	10	548	37.3690	89.5827	-866.2	OMK-2	9.72	0.58	1.35	0.0	0.0	7.208	1495.	48.	7.	754.5	32.8	1
2253	10	536	37.3689	89.5834	-869.2	OMK-2	8.88	1.23	1.49	0.0	0.0	5.947	1611.	41.	4.	754.5	32.8	1
2254	0	528	37.3689	89.5841	-865.0	OMK-2	8.95	3.28	0.96	0.366	3.413	9.322	1538.	40.	1.	754.0	32.8	1
2255	10	520	37.3689	89.5847	-857.2	OMK-2	6.87	1.30	1.55	0.0	0.0	4.446	1583.	37.	2.	753.5	32.8	1
2256	0	512	37.3689	89.5854	-858.7	OMK-2	5.69	2.01	1.48	0.353	1.357	3.839	1530.	51.	3.	753.5	32.9	1
2257	0	508	37.3689	89.5860	-857.2	OMK-2	6.33	4.04	0.88	0.637	4.608	7.230	1536.	37.	0.	754.0	32.9	1
2258	0	516	37.3689	89.5867	-851.5	OMK-2	6.51	2.55	1.33	0.392	1.920	4.894	1575.	46.	1.	754.5	32.9	1
2259	0	528	37.3689	89.5874	-850.7	OMK-2	7.87	3.10	1.07	0.394	2.909	7.379	1489.	47.	0.	754.0	32.9	1
2260	0	528	37.3689	89.5881	-845.2	OMK-2	9.18	2.19	1.42	0.239	1.541	6.459	1578.	41.	0.	753.5	32.9	1
2261	0	520	37.3689	89.5888	-840.7	OMK-2	8.48	4.17	0.75	0.491	5.589	11.377	1585.	43.	0.	754.5	32.9	1
2262	0	524	37.3689	89.5894	-843.2	OMK-2	6.18	2.41	1.45	0.390	1.661	4.261	1608.	42.	3.	755.0	32.9	1
2263	0	500	37.3689	89.5900	-841.5	OMK-2	9.12	2.43	1.37	0.266	1.772	6.650	1558.	39.	0.	754.5	32.9	1
2264	10	484	37.3689	89.5907	-834.7	OMK-2	8.64	1.61	1.30	0.0	0.0	6.667	1584.	53.	3.	754.0	32.9	1
2265	0	468	37.3689	89.5914	-831.5	OMK-2	5.95	2.17	1.12	0.364	1.943	5.339	1493.	34.	1.	754.5	32.9	1
2266	10	408	37.3689	89.5920	-827.2	OMK-2	8.00	0.69	1.20	0.0	0.0	6.686	1261.	40.	1.	755.0	32.9	1
2267	0	372	37.3689	89.5927	-827.7	OMK-2	4.38	1.86	0.88	0.424	2.099	4.955	1100.	36.	3.	755.5	32.9	1
2268	0	352	37.3689	89.5934	-830.5	OMK-1	3.93	1.47	0.81	0.375	1.825	4.871	936.	45.	0.	755.0	32.9	1
2269	10	348	37.3689	89.5941	-828.2	OMK-1	4.10	0.24	0.71	0.0	0.0	5.783	878.	44.	4.	754.5	32.9	1
2270	0	348	37.3689	89.5947	-821.5	OMK-1	4.20	1.67	0.75	0.398	2.234	5.617	905.	41.	3.	754.0	32.9	1
2271	10	376	37.3689	89.5954	-814.7	OMK-1	5.59	0.75	0.68	0.0	0.0	8.258	1017.	40.	3.	754.0	32.9	1
2272	0	404	37.3689	89.5961	-814.0	OMK-2	5.97	1.99	0.91	0.334	2.184	6.543	1123.	39.	2.	755.0	32.9	1
2273	0	464	37.3689	89.5967	-814.5	OMK-2	5.12	2.71	0.70	0.530	3.851	7.269	1311.	52.	3.	754.5	32.9	1
2274	10	496	37.3689	89.5974	-809.2	OMK-2	8.39	0.27	1.40	0.0	0.0	6.007	1390.	38	6.	754.0	32.9	1
2275	0	496	37.3689	89.5981	-810.7	OMK-2	6.61	2.89	1.36	0.437	2.131	4.875	1453.	37.	5.	755.0	32.8	1
2276	0	468	37.3689	89.5988	-810.7	OMK-2	6.63	2.87	1.12	0.433	2.575	5.948	1428.	50.	5.	753.5	32.8	1
2277	0	400	37.3689	89.5994	-808.0	OMK-2	6.65	1.45	0.93	0.218	1.563	7.165	1253.	46.	0.	753.5	32.8	1
2278	10	400	37.3689	89.6000	-810.0	OMK-2	6.58	1.11	1.18	0.0	0.0	5.551	1297.	51.	1.	755.0	32.8	1
2279	10	412	37.3689	89.6008	-803.0	OMK-2	7.84	0.96	1.14	0.0	0.0	6.852	1296.	39.	1.	754.0	32.8	1

FLIGHT LINE	4	2651	...A01	FLIGHT LINE	6	266	...M05	FLIGHT LINE	7	902	...L10	FLIGHT LINE	8	1485	...K15
FLIGHT LINE	4	2704	...B01	FLIGHT LINE	6	319	...A06	FLIGHT LINE	7	955	...M10	FLIGHT LINE	8	1538	...L15
FLIGHT LINE	4	2757	...C01	FLIGHT LINE	6	372	...B06	FLIGHT LINE	7	1008	...A11	FLIGHT LINE	8	1591	...M15
FLIGHT LINE	4	2810	...D01	FLIGHT LINE	6	425	...C06	FLIGHT LINE	7	1061	...B11	FLIGHT LINE	8	1644	...A16
FLIGHT LINE	5	1	...E01	FLIGHT LINE	6	478	...D06	FLIGHT LINE	7	1114	...C11	FLIGHT LINE	8	1697	...B16
FLIGHT LINE	5	54	...F01	FLIGHT LINE	6	531	...E06	FLIGHT LINE	7	1167	...D11	FLIGHT LINE	8	1750	...C16
FLIGHT LINE	5	107	...G01	FLIGHT LINE	6	584	...F06	FLIGHT LINE	7	1220	...E11	FLIGHT LINE	8	1803	...D16
FLIGHT LINE	5	160	...H01	FLIGHT LINE	6	637	...G06	FLIGHT LINE	7	1273	...F11	FLIGHT LINE	8	1856	...E16
FLIGHT LINE	5	213	...I01	FLIGHT LINE	6	690	...H06	FLIGHT LINE	7	1326	...G11	FLIGHT LINE	8	1909	...F16
FLIGHT LINE	5	266	...J01	FLIGHT LINE	6	743	...I06	FLIGHT LINE	7	1379	...H11	FLIGHT LINE	8	1962	...G16
FLIGHT LINE	5	319	...K01	FLIGHT LINE	6	796	...J06	FLIGHT LINE	7	1432	...I11	FLIGHT LINE	8	2015	...H16
FLIGHT LINE	5	372	...L01	FLIGHT LINE	6	849	...K06	FLIGHT LINE	7	1485	...J11	FLIGHT LINE	8	2068	...I16
FLIGHT LINE	5	425	...M01	FLIGHT LINE	6	902	...L06	FLIGHT LINE	7	1538	...K11	FLIGHT LINE	8	2121	...J16
FLIGHT LINE	5	478	...A02	FLIGHT LINE	6	955	...M06	FLIGHT LINE	7	1591	...L11	FLIGHT LINE	8	2174	...K16
FLIGHT LINE	5	531	...B02	FLIGHT LINE	6	1008	...A07	FLIGHT LINE	7	1644	...M11	FLIGHT LINE	8	2227	...L16
FLIGHT LINE	5	584	...C02	FLIGHT LINE	6	1061	...B07	FLIGHT LINE	7	1697	...A12				
FLIGHT LINE	5	637	...D02	FLIGHT LINE	6	1114	...C07	FLIGHT LINE	7	1750	...B12				
FLIGHT LINE	5	690	...E02	FLIGHT LINE	6	1167	...D07	FLIGHT LINE	7	1803	...C12				
FLIGHT LINE	5	743	...F02	FLIGHT LINE	6	1220	...E07	FLIGHT LINE	7	1856	...D12				
FLIGHT LINE	5	796	...G02	FLIGHT LINE	6	1273	...F07	FLIGHT LINE	7	1909	...E12				
FLIGHT LINE	5	849	...H02	FLIGHT LINE	6	1326	...G07	FLIGHT LINE	7	1962	...F12				
FLIGHT LINE	5	902	...I02	FLIGHT LINE	6	1379	...H07	FLIGHT LINE	7	2015	...G12				
FLIGHT LINE	5	955	...J02	FLIGHT LINE	6	1432	...I07	FLIGHT LINE	7	2068	...H12				
FLIGHT LINE	5	1008	...K02	FLIGHT LINE	6	1485	...J07	FLIGHT LINE	7	2121	...I12				
FLIGHT LINE	5	1061	...L02	FLIGHT LINE	6	1538	...K07	FLIGHT LINE	7	2174	...J12				
FLIGHT LINE	5	1114	...M02	FLIGHT LINE	6	1591	...L07	FLIGHT LINE	7	2227	...K12				
FLIGHT LINE	5	1167	...A03	FLIGHT LINE	6	1644	...M07	FLIGHT LINE	7	2280	...L12				
FLIGHT LINE	5	1220	...B03	FLIGHT LINE	6	1697	...A08	FLIGHT LINE	7	2333	...M12				
FLIGHT LINE	5	1273	...C03	FLIGHT LINE	6	1750	...B08	FLIGHT LINE	7	2386	...A13				
FLIGHT LINE	5	1326	...D03	FLIGHT LINE	6	1803	...C08	FLIGHT LINE	7	2439	...B13				
FLIGHT LINE	5	1379	...E03	FLIGHT LINE	6	1856	...D08	FLIGHT LINE	7	2492	...C13				
FLIGHT LINE	5	1432	...F03	FLIGHT LINE	6	1909	...E08	FLIGHT LINE	7	2545	...D13				
FLIGHT LINE	5	1485	...G03	FLIGHT LINE	6	1962	...F08	FLIGHT LINE	7	2598	...E13				
FLIGHT LINE	5	1538	...H03	FLIGHT LINE	6	2015	...G08	FLIGHT LINE	7	2651	...F13				
FLIGHT LINE	5	1591	...I03	FLIGHT LINE	6	2068	...H08	FLIGHT LINE	7	2704	...G13				
FLIGHT LINE	5	1644	...J03	FLIGHT LINE	6	2121	...I08	FLIGHT LINE	7	2757	...H13				
FLIGHT LINE	5	1697	...K03	FLIGHT LINE	6	2174	...J08	FLIGHT LINE	8	1	...I13				
FLIGHT LINE	5	1750	...L03	FLIGHT LINE	6	2227	...K08	FLIGHT LINE	8	54	...J13				
FLIGHT LINE	5	1803	...M03	FLIGHT LINE	6	2280	...L08	FLIGHT LINE	8	107	...K13				
FLIGHT LINE	5	1856	...A04	FLIGHT LINE	6	2333	...M08	FLIGHT LINE	8	160	...L13				
FLIGHT LINE	5	1909	...B04	FLIGHT LINE	6	2386	...A09	FLIGHT LINE	8	213	...M13				
FLIGHT LINE	5	1962	...C04	FLIGHT LINE	6	2439	...B09	FLIGHT LINE	8	266	...A14				
FLIGHT LINE	5	2015	...D04	FLIGHT LINE	6	2492	...C09	FLIGHT LINE	8	319	...B14				
FLIGHT LINE	5	2068	...E04	FLIGHT LINE	6	2545	...D09	FLIGHT LINE	8	372	...C14				
FLIGHT LINE	5	2121	...F04	FLIGHT LINE	6	2598	...E09	FLIGHT LINE	8	425	...D14				
FLIGHT LINE	5	2174	...G04	FLIGHT LINE	6	2651	...F09	FLIGHT LINE	8	478	...E14				
FLIGHT LINE	5	2227	...H04	FLIGHT LINE	6	2704	...G09	FLIGHT LINE	8	531	...F14				
FLIGHT LINE	5	2280	...I04	FLIGHT LINE	7	1	...H09	FLIGHT LINE	8	584	...G14				
FLIGHT LINE	5	2333	...J04	FLIGHT LINE	7	54	...I09	FLIGHT LINE	8	637	...H14				
FLIGHT LINE	5	2386	...K04	FLIGHT LINE	7	107	...J09	FLIGHT LINE	8	690	...I14				
FLIGHT LINE	5	2439	...L04	FLIGHT LINE	7	160	...K09	FLIGHT LINE	8	743	...J14				
FLIGHT LINE	5	2492	...M04	FLIGHT LINE	7	213	...L09	FLIGHT LINE	8	796	...K14				
FLIGHT LINE	5	2545	...A05	FLIGHT LINE	7	266	...M09	FLIGHT LINE	8	849	...L14				
FLIGHT LINE	5	2598	...B05	FLIGHT LINE	7	319	...A10	FLIGHT LINE	8	902	...M14				
FLIGHT LINE	5	2651	...C05	FLIGHT LINE	7	372	...B10	FLIGHT LINE	8	955	...A15				
FLIGHT LINE	5	2704	...D05	FLIGHT LINE	7	425	...C10	FLIGHT LINE	8	1008	...B15				
FLIGHT LINE	5	2757	...E05	FLIGHT LINE	7	478	...D10	FLIGHT LINE	8	1061	...C15				
FLIGHT LINE	5	2810	...F05	FLIGHT LINE	7	531	...E10	FLIGHT LINE	8	1114	...D15				
FLIGHT LINE	5	2863	...G05	FLIGHT LINE	7	584	...F10	FLIGHT LINE	8	1167	...E15				
FLIGHT LINE	6	1	...H05	FLIGHT LINE	7	637	...G10	FLIGHT LINE	8	1220	...F15				
FLIGHT LINE	6	54	...I05	FLIGHT LINE	7	690	...H10	FLIGHT LINE	8	1273	...G15				
FLIGHT LINE	6	107	...J05	FLIGHT LINE	7	743	...I10	FLIGHT LINE	8	1326	...H15				
FLIGHT LINE	6	160	...K05	FLIGHT LINE	7	796	...J10	FLIGHT LINE	8	1379	...I15				
FLIGHT LINE	6	213	...L05	FLIGHT LINE	7	849	...K10	FLIGHT LINE	8	1432	...J15				

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2280	0	380	37.3689	89.6014	-795.0	OMK-2	4.45	3.32	0.81	0.738	4.116	5.578	1219.	39.	0.	754.0	32.8	1
2281	10	412	37.3689	89.6021	-795.2	OMK-2	7.08	0.55	1.11	0.0	0.0	6.381	1404.	45.	0.	754.5	32.8	1
2282	10	424	37.3689	89.6027	-795.0	OMK-2	5.24	0.88	1.24	0.0	0.0	4.230	1307.	45.	1.	754.0	32.8	1
2283	0	428	37.3689	89.6034	-791.5	OMK-2	7.89	2.22	1.08	0.281	2.065	7.340	1305.	28.	0.	754.5	32.8	1
2284	0	440	37.3689	89.6041	-793.2	OMK-2	4.40	1.36	1.25	0.309	1.084	3.508	1278.	39.	1.	754.0	32.8	1
2285	10	448	37.3689	89.6047	-790.5	OMK-2	7.25	1.09	1.25	0.0	0.0	5.818	1314.	33.	3.	754.0	32.8	1
2286	0	456	37.3689	89.6054	-788.0	OMK-2	6.32	2.67	1.22	0.421	2.181	5.176	1390.	37.	2.	754.5	32.8	1
2287	10	452	37.3689	89.6061	-789.7	OMK-2	8.79	1.44	0.66	0.0	0.0	13.276	1240.	54.	4.	754.0	32.7	1
2288	10	464	37.3689	89.6067	-785.0	OMK-2	8.47	0.85	0.90	0.0	0.0	9.441	1275.	50.	0.	754.0	32.8	1
2289	0	444	37.3689	89.6074	-780.5	OMK-2	5.75	3.51	0.76	0.611	4.596	7.520	1270.	35.	1.	753.0	32.8	1
2290	0	448	37.3689	89.6081	-783.0	OMK-2	5.30	3.93	0.92	0.743	4.267	5.745	1345.	35.	2.	753.5	32.8	1
2291	0	472	37.3689	89.6088	-778.7	OMK-2	5.73	1.93	0.72	0.337	2.689	7.976	1270.	47.	0.	754.0	32.9	1
2292	0	504	37.3689	89.6094	-776.5	OMK-2	5.82	2.53	1.12	0.434	2.252	5.189	1319.	38.	3.	753.5	32.9	1
2293	0	532	37.3689	89.6100	-776.2	OMK-2	7.10	2.64	1.28	0.372	2.065	5.552	1451.	37.	0.	754.5	32.8	1
2294	10	532	37.3689	89.6107	-770.5	OMK-2	7.75	1.10	1.14	0.0	0.0	6.807	1405.	44.	1.	754.0	32.9	1
2295	10	540	37.3689	89.6114	-772.7	OMK-2	8.98	1.15	1.37	0.0	0.0	6.552	1406.	34.	0.	753.5	32.9	1
2296	0	544	37.3689	89.6120	-776.7	OMK-2	6.34	2.43	1.35	0.383	1.800	4.693	1436.	47.	0.	754.0	32.9	1
2297	10	532	37.3689	89.6127	-766.2	OMK-2	5.38	0.99	1.13	0.0	0.0	4.745	1274.	45.	2.	754.0	32.9	1
2298	10	540	37.3689	89.6134	-759.2	OMK-2	5.24	0.38	1.17	0.0	0.0	4.464	1233.	28.	5.	755.0	32.9	1
2299	0	528	37.3689	89.6141	-762.0	OMK-2	7.80	2.30	0.96	0.294	2.387	8.106	1260.	35.	1.	754.5	32.9	1
2300	10	532	37.3689	89.6148	-763.7	OMK-2	6.30	1.25	1.33	0.0	0.0	4.747	1335.	34.	3.	753.0	32.9	1
2301	0	548	37.3689	89.6154	-763.5	OMK-2	6.79	2.41	1.09	0.355	2.206	6.211	1413.	41.	3.	754.5	32.9	1
2302	10	560	37.3689	89.6161	-759.7	OMK-2	6.53	1.13	0.92	0.0	0.0	7.095	1322.	37.	5.	755.0	32.9	1
2303	10	568	37.3689	89.6168	-754.5	OMK-2	7.85	1.14	0.92	0.0	0.0	8.483	1307.	48.	3.	754.5	32.9	1
2304	0	584	37.3689	89.6175	-754.2	OMK-2	7.32	2.03	1.15	0.278	1.773	6.386	1287.	45.	0.	754.0	32.9	1
2305	10	596	37.3689	89.6182	-757.0	OMK-2	8.10	1.21	1.35	0.0	0.0	5.993	1339.	39.	0.	753.5	32.9	1
2306	0	600	37.3689	89.6188	-755.7	OMK-2	4.36	3.01	1.06	0.691	2.845	4.116	1394.	37.	0.	754.5	32.9	1
2307	10	604	37.3689	89.6195	-749.2	OMK-2	8.97	1.70	1.07	0.0	0.0	8.386	1377.	40.	0.	755.0	32.9	1
2308	10	604	37.3689	89.6202	-747.2	OMK-2	5.88	1.38	1.35	0.0	0.0	4.347	1395.	39.	0.	755.0	32.9	1
2309	0	604	37.3689	89.6208	-751.7	OMK-2	6.81	3.93	1.21	0.578	3.240	5.610	1319.	49.	0.	754.5	32.9	1
2310	0	604	37.3689	89.6216	-749.5	OMK-2	6.72	2.39	1.11	0.356	2.158	6.064	1335.	45.	2.	753.5	32.9	1
2311	10	592	37.3689	89.6222	-739.5	ODP	6.72	1.19	1.12	0.0	0.0	5.973	1432.	47.	6.	755.0	32.9	1
2312	10	576	37.3689	89.6229	-741.2	ODP	6.95	1.43	1.43	0.0	0.0	4.858	1437.	50.	4.	754.5	32.9	1
2313	0	560	37.3688	89.6236	-747.2	ODP	7.17	3.49	1.01	0.487	3.459	7.108	1531.	38.	0.	754.0	32.9	1
2314	0	568	37.3688	89.6242	-743.7	ODP	6.78	2.38	1.49	0.351	1.601	4.564	1648.	33.	5.	755.0	32.9	1
2315	0	568	37.3688	89.6249	-743.5	ODP	8.03	3.32	1.31	0.414	2.529	6.116	1742.	31.	0.	755.0	32.9	1
2316	10	568	37.3688	89.6256	-741.2	ODP	10.57	1.30	1.61	0.0	0.0	6.567	1777.	55.	4.	755.5	32.9	1
2317	0	544	37.3688	89.6262	-732.0	ODP	6.32	2.80	1.20	0.443	2.338	5.279	1678.	39.	2.	755.0	32.9	1
2318	0	532	37.3688	89.6270	-732.2	ODP	7.94	3.26	1.59	0.411	2.056	4.998	1727.	29.	1.	754.0	32.9	1
2319	10	508	37.3688	89.6276	-739.7	ODP	8.72	1.35	1.57	0.0	0.0	5.545	1726.	45.	2.	754.5	32.9	1
2320	0	496	37.3688	89.6283	-733.5	ODP	8.01	1.79	1.23	0.224	1.452	6.494	1641.	47.	0.	754.0	33.0	1
2321	0	508	37.3688	89.6289	-728.0	ODP	6.47	1.65	1.53	0.256	1.079	4.214	1644.	57.	1.	754.5	33.1	1
2322	0	500	37.3688	89.6296	-730.0	ODP	6.18	3.67	1.28	0.593	2.876	4.848	1642.	39.	1.	756.6	33.1	1
2323	0	480	37.3688	89.6303	-731.2	ODP	7.86	2.18	1.55	0.278	1.411	5.075	1645.	29.	0.	755.0	33.1	1
2324	0	480	37.3688	89.6310	-727.0	ODP	8.77	2.63	1.17	0.300	2.256	7.526	1563.	18.	0.	754.0	33.2	1
2325	0	456	37.3688	89.6317	-720.2	ODP	6.67	4.79	1.23	0.718	3.903	5.436	1497.	36.	0.	756.1	33.2	1
2326	10	444	37.3688	89.6323	-719.5	ODP	8.17	1.06	1.13	0.0	0.0	7.209	1453.	30.	0.	755.5	33.2	1
2327	0	440	37.3688	89.6330	-722.5	ODP	5.48	3.34	0.80	0.609	4.184	6.868	1376.	39.	0.	753.5	33.2	1
2328	0	420	37.3688	89.6337	-722.7	ODP	7.18	1.65	0.92	0.230	1.801	7.840	1296.	46.	0.	754.5	33.2	1
2329	0	428	37.3688	89.6344	-716.0	ODP	7.20	1.49	1.21	0.207	1.236	5.973	1251.	44.	0.	755.5	33.2	1
2330	0	444	37.3688	89.6351	-711.7	ODP	5.15	2.44	1.03	0.475	2.364	4.980	1285.	45.	0.	754.5	33.2	1
2331	0	460	37.3688	89.6357	-717.2	ODP	7.55	2.39	0.62	0.316	3.877	12.271	1292.	38.	2.	753.5	33.2	1
2332	10	492	37.3688	89.6364	-718.5	ODP	6.20	0.84	1.24	0.0	0.0	5.009	1368.	43.	0.	755.5	33.2	1

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ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2333	0	508	37.3688	89.6371	-714.7		OJD	6.67	2.23	1.05	0.334	2.124	6.364	1494.	29.	3.	755.0	33.2	1
2334	0	492	37.3687	89.6377	-716.5		OJD	6.48	2.26	1.23	0.348	1.835	5.267	1462.	42.	2.	754.0	33.2	1
2335	0	480	37.3687	89.6384	-716.2		OJD	7.24	1.88	1.31	0.259	1.432	5.527	1439.	35.	0.	756.1	33.2	1
2336	0	480	37.3687	89.6391	-713.2		OJD	6.99	2.99	1.11	0.427	2.695	6.309	1419.	43.	0.	757.1	33.2	1
2337	0	488	37.3687	89.6397	-711.2		OJD	6.83	2.05	1.24	0.301	1.651	5.488	1423.	36.	0.	754.5	33.2	1
2338	10	436	37.3687	89.6405	-711.5		OJD	6.65	1.31	1.13	0.0	0.0	5.892	1252.	47.	0.	754.5	33.2	1
2339	0	412	37.3687	89.6411	-713.2		OJD	5.82	2.64	0.97	0.453	2.707	5.975	1243.	34.	0.	756.6	33.2	1
2340	0	400	37.3687	89.6418	-714.0		OJD	4.43	1.99	0.94	0.449	2.120	4.716	1255.	36.	1.	755.5	33.2	1
2341	10	396	37.3688	89.6425	-711.0		OJD	9.36	1.26	1.01	0.0	0.0	9.270	1283.	36.	0.	754.5	33.2	1
2342	0	440	37.3688	89.6431	-712.2		OJD	6.98	2.81	1.10	0.402	2.540	6.321	1580.	27.	0.	756.1	33.2	1
2343	0	460	37.3688	89.6439	-714.7		OJD	7.79	1.79	1.32	0.230	1.364	5.922	1553.	35.	1.	756.1	33.2	1
2344	0	464	37.3688	89.6445	-712.5		OJD	9.85	3.67	1.16	0.373	3.170	8.507	1600.	34.	1.	755.0	33.2	1
2345	10	468	37.3688	89.6452	-709.2		OJD	5.44	0.38	1.07	0.0	0.0	5.094	1503.	34.	7.	756.1	33.1	1
2346	10	480	37.3688	89.6459	-703.2		OJD	7.17	1.11	1.48	0.0	0.0	4.831	1508.	39.	5.	757.1	33.1	1
2347	10	492	37.3688	89.6465	-702.5		OJD	7.83	-0.38	1.49	0.0	0.0	5.250	1434.	42.	9.	755.5	33.1	1
2348	10	496	37.3688	89.6472	-704.2		OJD	6.08	0.56	1.36	0.0	0.0	4.487	1390.	36.	7.	755.5	33.1	1
2349	10	484	37.3687	89.6479	-699.2		OJD	8.39	0.83	0.98	0.0	0.0	8.568	1250.	37.	6.	756.6	33.1	1
2350	0	492	37.3687	89.6486	-697.2		OJD	4.00	1.35	1.25	0.337	1.077	3.200	1258.	40.	1.	754.5	33.1	1
2351	0	504	37.3687	89.6492	-700.5		OJD	5.89	2.94	0.98	0.499	2.993	5.993	1278.	49.	1.	754.5	33.1	1
2352	10	500	37.3687	89.6499	-706.5		OJD	7.12	0.97	1.63	0.0	0.0	4.375	1447.	39.	1.	755.5	33.1	1
2353	0	500	37.3687	89.6506	-712.5		OJD	7.83	1.73	1.09	0.220	1.582	7.181	1443.	35.	0.	754.5	33.1	1
2354	0	432	37.3687	89.6512	-708.7		OJD	5.96	1.99	1.16	0.334	1.711	5.120	1353.	39.	0.	754.0	33.1	1
2355	0	416	37.3687	89.6520	-702.2		OJD	4.86	2.99	0.84	0.616	3.557	5.771	1234.	52.	0.	756.1	33.1	1
2356	0	408	37.3687	89.6526	-703.7		OJD	5.86	2.06	1.10	0.352	1.877	5.332	1208.	46.	0.	755.5	33.1	1
2357	10	396	37.3687	89.6532	-705.0		OJD	6.76	0.99	0.72	0.0	0.0	9.327	1142.	47.	0.	753.5	33.0	1
2358	0	412	37.3687	89.6540	-704.5		OJD	6.05	1.51	0.99	0.249	1.526	6.128	1283.	47.	0.	754.5	33.1	1
2359	0	448	37.3687	89.6546	-703.5		OJD	6.39	1.67	1.14	0.262	1.463	5.583	1503.	29.	0.	756.6	33.0	1
2360	0	484	37.3687	89.6554	-700.0		OJD	7.45	1.75	1.14	0.235	1.536	6.546	1455.	50.	0.	755.5	33.1	1
2361	0	472	37.3687	89.6560	-698.5		OJD	7.87	3.25	1.06	0.413	3.059	7.404	1369.	52.	0.	753.5	33.1	1
2362	10	476	37.3687	89.6566	-703.5		OJD	6.18	1.32	1.72	0.0	0.0	3.603	1483.	32.	0.	755.0	33.1	1
2363	0	464	37.3687	89.6573	-706.0		OJD	7.82	1.77	1.00	0.226	1.763	7.810	1363.	44.	0.	757.1	33.0	1
2364	0	440	37.3687	89.6580	-704.5		OJD	6.17	1.93	0.74	0.313	2.599	8.290	1303.	39.	0.	755.0	33.1	1
2365	0	448	37.3687	89.6587	-706.2		OJD	4.63	2.32	0.92	0.500	2.526	5.051	1279.	37.	2.	754.0	33.1	1
2366	10	444	37.3687	89.6594	-710.0		OJD	7.05	1.35	1.04	0.0	0.0	6.790	1282.	39.	0.	755.0	33.1	1
2367	10	460	37.3687	89.6600	-708.2		OJD	7.74	0.84	0.90	0.0	0.0	8.591	1243.	41.	0.	756.1	33.0	1
2368	0	476	37.3687	89.6607	-705.7		OJD	7.12	2.02	0.96	0.283	2.113	7.457	1313.	54.	0.	754.0	33.1	1
2369	10	492	37.3687	89.6614	-703.7		OJD	7.74	1.39	1.10	0.0	0.0	7.023	1302.	41.	2.	754.0	33.0	1
2370	10	528	37.3687	89.6621	-705.5		OJD	6.49	1.42	1.33	0.0	0.0	4.877	1409.	41.	2.	755.5	33.1	1
2371	0	536	37.3687	89.6628	-703.0		OJD	5.98	2.93	1.25	0.490	2.337	4.772	1478.	40.	1.	755.5	33.0	1
2372	0	528	37.3687	89.6634	-698.7		OJD	7.35	2.10	1.15	0.286	1.819	6.363	1502.	38.	3.	754.5	33.0	1
2373	10	536	37.3687	89.6641	-698.2		OJD	7.28	1.25	1.61	0.0	0.0	4.519	1546.	42.	1.	754.5	33.0	1
2374	0	540	37.3687	89.6648	-699.2		OJD	7.58	3.56	1.04	0.470	3.407	7.255	1591.	45.	0.	756.6	33.0	1
2375	0	536	37.3687	89.6655	-702.0		OJD	8.35	3.13	1.11	0.374	2.830	7.557	1521.	44.	0.	756.6	33.0	1
2376	10	528	37.3687	89.6662	-704.0		OJD	8.41	0.81	1.43	0.0	0.0	5.862	1611.	46.	2.	754.5	33.0	1
2377	0	508	37.3687	89.6668	-704.5		OJD	8.99	3.27	1.14	0.364	2.872	7.899	1563.	49.	0.	754.5	33.0	1
2378	0	504	37.3687	89.6675	-707.7		OJD	7.92	1.97	1.60	0.249	1.236	4.956	1611.	46.	1.	757.6	33.0	1
2379	0	520	37.3686	89.6682	-704.5		OJD	7.04	3.74	1.27	0.531	2.946	5.548	1607.	42.	0.	756.6	33.0	1
2380	0	536	37.3686	89.6689	-699.0		OJD	8.79	3.30	1.13	0.375	2.910	7.760	1639.	45.	2.	754.0	33.0	1
2381	0	536	37.3686	89.6695	-698.7		OJD	6.51	2.19	1.40	0.336	1.557	4.631	1634.	36.	0.	755.0	33.0	1
2382	0	556	37.3686	89.6702	-702.5		OJD	8.38	2.61	1.42	0.311	1.832	5.894	1555.	34.	0.	756.1	33.0	1
2383	0	568	37.3686	89.6709	-699.0		OJD	7.55	3.24	1.34	0.429	2.411	5.623	1479.	41.	0.	755.0	33.0	1
2384	0	576	37.3687	89.6716	-696.5		OJD	5.79	4.29	1.43	0.740	3.000	4.052	1440.	47.	1.	754.0	33.0	1
2385	0	576	37.3687	89.6723	-700.0		OJD	4.91	1.86	1.31	0.380	1.427	3.758	1470.	36.	0.	755.0	32.9	1

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ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2386	10	576	37.3687	89.6729	-697.2	OJD	7.24	1.62	1.23	0.0	0.0	5.903	1445.	39.	3.	756.1	33.0	1
2387	0	580	37.3687	89.6736	-698.2	OJD	6.91	1.74	1.36	0.252	1.274	5.065	1447.	47.	0.	755.5	33.0	1
2388	0	568	37.3687	89.6743	-701.2	OJD	6.28	2.29	1.16	0.364	1.980	5.440	1512.	44.	0.	753.5	33.0	1
2389	0	548	37.3687	89.6749	-693.5	OJD	4.17	2.50	1.48	0.600	1.688	2.813	1439.	52.	0.	754.0	33.0	1
2390	0	540	37.3687	89.6757	-689.2	OJD	4.83	3.97	1.05	0.821	3.779	4.600	1429.	46.	0.	756.1	32.9	1
2391	0	540	37.3687	89.6763	-692.0	OJD	5.76	1.91	1.63	0.332	1.172	3.531	1547.	46.	0.	755.5	32.9	1
2392	10	552	37.3687	89.6769	-689.2	OJD	7.60	1.65	1.64	0.0	0.0	4.636	1601.	52.	0.	754.5	32.9	1
2393	0	564	37.3686	89.6777	-690.0	OJD	6.58	2.13	1.61	0.324	1.326	4.092	1636.	45.	0.	754.5	32.9	1
2394	0	568	37.3686	89.6783	-689.7	OJD	9.37	2.76	1.24	0.295	2.222	7.538	1531.	51.	0.	755.5	32.9	1
2395	10	576	37.3686	89.6790	-691.2	OJD	8.15	1.51	1.27	0.0	0.0	6.415	1550.	44.	1.	755.5	32.9	1
2396	10	584	37.3686	89.6796	-696.0	OJD	9.41	0.95	1.49	0.0	0.0	6.325	1598.	31.	4.	754.5	32.9	1
2397	0	588	37.3686	89.6803	-691.2	OJD	5.87	2.40	1.50	0.410	1.601	3.906	1535.	42.	4.	754.0	32.9	1
2398	0	584	37.3686	89.6810	-690.2	OJD	8.80	2.43	1.48	0.277	1.648	5.958	1597.	40.	5.	755.0	32.9	1
2399	0	584	37.3686	89.6817	-690.2	OJD	5.70	3.16	1.17	0.555	2.691	4.849	1426.	39.	5.	756.1	32.9	1
2400	10	584	37.3686	89.6824	-688.0	OJD	8.74	1.86	1.35	0.0	0.0	6.465	1529.	47.	3.	754.5	32.9	1
2401	10	588	37.3686	89.6830	-689.2	OJD	7.04	1.21	1.51	0.0	0.0	4.666	1532.	34.	2.	753.5	32.9	1
2402	10	584	37.3686	89.6837	-684.2	OJD	7.21	-0.05	1.54	0.0	0.0	4.682	1471.	39.	6.	755.0	32.9	1
2403	0	572	37.3686	89.6844	-680.5	OJD	5.84	3.02	1.26	0.517	2.396	4.632	1495.	45.	2.	756.1	32.9	1
2404	0	560	37.3686	89.6850	-686.0	OJD	7.17	2.61	1.22	0.365	2.152	5.902	1514.	39.	2.	754.0	32.9	1
2405	10	548	37.3686	89.6857	-682.5	OJD	8.53	1.17	1.58	0.0	0.0	5.392	1681.	33.	3.	753.0	32.9	1
2406	0	540	37.3686	89.6864	-684.0	OJD	7.42	3.53	1.33	0.475	2.648	5.570	1632.	33.	2.	754.5	32.9	1
2407	0	540	37.3686	89.6871	-685.2	OJD	11.11	2.01	1.27	0.181	1.585	8.738	1682.	33.	0.	756.6	32.9	1
2408	10	544	37.3686	89.6878	-675.5	OJD	9.96	1.42	1.35	0.0	0.0	7.387	1735.	35.	0.	756.1	32.9	1
2409	0	544	37.3686	89.6884	-674.5	OJD	7.48	3.73	1.40	0.499	2.662	5.335	1741.	32.	0.	754.0	32.9	1
2410	0	544	37.3685	89.6891	-676.2	OJD	8.97	2.68	1.42	0.299	1.884	6.303	1608.	39.	0.	755.0	32.9	1
2411	10	544	37.3685	89.6898	-673.5	OJD	9.84	0.82	1.48	0.0	0.0	6.657	1660.	40.	1.	756.6	32.9	1
2412	0	544	37.3685	89.6905	-674.7	OJD	8.08	2.78	1.66	0.344	1.673	4.859	1695.	32.	0.	755.5	32.9	1
2413	0	532	37.3685	89.6912	-674.0	OJD	8.15	3.69	1.47	0.453	2.516	5.556	1627.	42.	0.	754.5	32.8	1
2414	0	540	37.3685	89.6918	-671.2	OJD	7.86	1.97	1.54	0.250	1.279	5.116	1589.	41.	0.	755.0	32.9	1
2415	0	548	37.3685	89.6925	-672.0	OJD	7.40	3.27	0.91	0.443	3.597	8.126	1665.	40.	0.	756.1	32.9	1
2416	0	548	37.3685	89.6932	-665.7	OJD	7.65	3.64	1.35	0.475	2.695	5.673	1719.	42.	1.	757.1	32.9	1
2417	0	536	37.3685	89.6938	-665.2	OJD	10.42	3.12	1.23	0.300	2.529	8.437	1759.	41.	0.	756.1	32.9	1
2418	0	524	37.3685	89.6945	-668.7	OJD	7.99	1.83	1.73	0.229	1.054	4.609	1664.	41.	2.	755.0	32.9	1
2419	10	516	37.3685	89.6952	-662.5	OJD	9.97	-0.21	1.57	0.0	0.0	6.339	1682.	40.	2.	755.0	32.8	1
2420	0	508	37.3685	89.6959	-660.7	OJD	6.45	2.78	1.22	0.431	2.272	5.272	1709.	44.	2.	756.6	32.8	1
2421	0	496	37.3685	89.6966	-666.5	OJD	6.27	2.90	1.39	0.463	2.087	4.511	1675.	45.	4.	756.6	32.9	1
2422	0	488	37.3685	89.6972	-668.2	OJD	6.29	4.78	1.12	0.760	4.273	5.621	1613.	44.	0.	754.5	32.9	1
2423	0	488	37.3685	89.6979	-665.2	OJD	5.45	4.45	1.31	0.817	3.386	4.146	1634.	44.	0.	754.0	32.8	1
2424	0	504	37.3685	89.6986	-658.7	OJD	9.18	2.95	1.23	0.322	2.401	7.466	1663.	35.	0.	756.1	32.9	1
2425	0	508	37.3685	89.6993	-654.2	OJD	6.84	3.79	1.51	0.554	2.504	4.518	1648.	47.	0.	756.6	32.8	1
2426	10	504	37.3685	89.7000	-655.0	OJD	8.17	0.95	1.39	0.0	0.0	5.876	1614.	47.	2.	755.5	32.8	1
2427	0	516	37.3685	89.7006	-655.5	OJD	8.79	2.52	1.22	0.287	2.064	7.188	1618.	35.	4.	754.5	32.8	1
2428	10	528	37.3685	89.7013	-658.5	OJD	10.26	0.33	1.37	0.0	0.0	7.461	1635.	32.	8.	754.5	32.9	1
2429	10	516	37.3685	89.7019	-653.5	OJD	6.83	1.09	1.58	0.0	0.0	4.315	1537.	43.	10.	755.5	32.8	1
2430	10	512	37.3685	89.7027	-649.0	OJD	7.47	-0.30	1.54	0.0	0.0	4.865	1586.	45.	13.	756.6	32.8	1
2431	10	524	37.3685	89.7033	-651.2	OJD	6.39	-0.03	1.39	0.0	0.0	4.613	1613.	37.	13.	755.5	32.8	1
2432	10	528	37.3685	89.7040	-651.7	OJD	9.08	-0.84	1.83	0.0	0.0	4.964	1651.	46.	13.	754.5	32.8	1
2433	10	520	37.3685	89.7047	-649.5	OJD	7.68	0.60	1.51	0.0	0.0	5.077	1585.	36.	14.	753.5	32.9	1
2434	10	512	37.3685	89.7053	-654.2	OJD	5.49	1.65	1.38	0.0	0.0	3.972	1550.	51.	8.	753.5	32.9	1
2435	0	500	37.3685	89.7060	-656.0	OJD	7.24	2.34	1.40	0.323	1.673	5.176	1622.	59.	7.	755.5	32.9	1
2436	10	500	37.3685	89.7067	-654.7	OSE-2	8.82	0.71	1.13	0.0	0.0	7.831	1519.	46.	5.	756.6	32.9	1
2437	0	504	37.3685	89.7074	-655.0	OSE-2	8.56	3.01	1.31	0.351	2.297	6.538	1638.	38.	0.	755.5	32.9	1
2438	10	496	37.3685	89.7081	-651.0	OSE-2	8.68	1.05	1.47	0.0	0.0	5.903	1644.	42.	1.	754.5	32.9	1

CP 9 1P 12

CP 9 1P 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2439	0	480	37.3685	89.7087	-649.7	OSE-2	9.14	2.81	1.20	0.308	2.334	7.586	1625.	55.	0.	754.0	32.9	1
2440	0	464	37.3685	89.7094	-648.7	OSE-2	8.03	3.51	1.23	0.437	2.848	6.510	1715.	35.	0.	755.0	32.9	1
2441	0	448	37.3685	89.7101	-645.5	OSE-2	7.02	3.32	1.50	0.473	2.210	4.669	1613.	44.	0.	757.1	32.9	1
2442	0	460	37.3685	89.7107	-645.7	OSE-2	8.88	2.41	1.27	0.271	1.893	6.987	1670.	40.	0.	757.1	32.9	1
2443	0	472	37.3685	89.7114	-646.2	OSE-2	7.22	2.99	1.57	0.414	1.899	4.588	1655.	42.	0.	755.5	32.9	1
2444	0	464	37.3685	89.7121	-647.5	OSE-2	9.21	2.73	1.28	0.296	2.132	7.192	1601.	41.	0.	754.5	32.9	1
2445	10	464	37.3685	89.7128	-648.5	OSE-2	5.98	1.23	1.49	0.0	0.0	4.000	1592.	43.	1.	754.5	32.9	1
2446	0	480	37.3685	89.7135	-646.5	OSE-2	7.46	2.73	1.16	0.366	2.349	6.423	1517.	39.	0.	756.6	32.9	1
2447	0	500	37.3685	89.7141	-648.0	OSE-2	7.52	1.94	1.39	0.258	1.392	5.400	1572.	31.	4.	756.6	32.9	1
2448	0	500	37.3685	89.7148	-648.2	OSE-2	5.98	2.94	1.07	0.491	2.752	5.602	1514.	44.	4.	755.5	32.9	1
2449	0	444	37.3685	89.7155	-643.7	OSE-2	4.58	1.73	0.98	0.379	1.774	4.683	1308.	36.	5.	754.5	32.9	1
2450	0	448	37.3685	89.7162	-643.5	OSE-2	6.43	2.91	0.86	0.453	3.392	7.490	1439.	34.	2.	754.0	32.9	1
2451	10	468	37.3684	89.7169	-644.0	OSE-2	8.95	1.57	1.17	0.0	0.0	7.641	1424.	46.	3.	755.0	32.9	1
2452	0	460	37.3684	89.7175	-639.5	OSE-2	6.60	2.38	1.27	0.361	1.871	5.187	1397.	56.	2.	756.1	32.9	1
2453	0	448	37.3684	89.7182	-643.0	OSE-2	8.57	2.81	0.83	0.327	3.402	10.388	1390.	49.	7.	756.1	32.8	1
2454	10	448	37.3684	89.7189	-645.0	OSE-2	7.20	1.09	1.17	0.0	0.0	6.145	1474.	36.	3.	756.1	32.9	1
2455	0	452	37.3684	89.7196	-645.7	OSE-2	8.20	1.88	0.96	0.229	1.964	8.570	1538.	43.	6.	754.5	32.9	1
2456	0	448	37.3684	89.7202	-646.7	OSE-2	8.43	2.43	1.12	0.288	2.163	7.511	1455.	44.	3.	753.5	32.8	1
2457	0	452	37.3684	89.7209	-639.5	OSE-2	6.54	2.02	1.08	0.309	1.875	6.064	1457.	44.	2.	754.5	32.9	1
2458	0	464	37.3684	89.7216	-637.0	OSE-2	6.50	2.72	1.16	0.418	2.334	5.584	1497.	39.	1.	754.5	32.9	1
2459	10	456	37.3684	89.7222	-642.0	OSE-2	10.33	0.30	0.95	0.0	0.0	10.885	1456.	43.	0.	755.5	32.8	1
2460	0	440	37.3684	89.7230	-644.0	OSE-2	7.24	1.74	1.07	0.240	1.626	6.777	1278.	34.	0.	756.6	32.9	1
2461	0	428	37.3684	89.7236	-642.2	OSE-2	5.64	1.60	0.88	0.284	1.811	6.373	1156.	46.	0.	754.5	32.9	1
2462	0	428	37.3684	89.7242	-640.0	OSE-2	4.06	2.79	0.68	0.686	4.087	5.957	1028.	38.	0.	753.5	32.9	1
2463	0	456	37.3684	89.7250	-640.7	OSE-2	8.42	1.56	0.54	0.185	2.905	15.723	1060.	36.	0.	753.5	32.9	1
2464	0	476	37.3684	89.7256	-643.5	OSE-2	5.06	2.16	1.00	0.427	2.159	5.060	1125.	42.	0.	755.0	32.9	1
2465	0	480	37.3684	89.7263	-643.2	OSE-2	6.07	2.20	1.04	0.362	2.113	5.837	1209.	35.	0.	756.1	32.9	1
2466	0	504	37.3684	89.7270	-646.0	OSE-2	5.64	2.80	0.91	0.497	3.093	6.222	1165.	37.	0.	755.5	32.8	1
2467	10	536	37.3684	89.7276	-644.5	OSE-2	5.33	1.27	1.18	0.0	0.0	4.523	1308.	34.	2.	755.5	32.9	1
2468	0	548	37.3684	89.7283	-642.7	OSE-2	7.05	3.26	0.92	0.462	3.535	7.648	1353.	36.	1.	755.5	32.9	1
2469	10	528	37.3684	89.7290	-644.5	OSE-2	6.79	1.37	1.16	0.0	0.0	5.846	1455.	40.	7.	754.5	32.9	1
2470	10	516	37.3684	89.7296	-641.7	OSE-2	5.75	1.36	1.22	0.0	0.0	4.706	1425.	46.	5.	754.5	32.9	1
2471	0	520	37.3684	89.7303	-636.0	OSE-2	6.56	2.15	0.95	0.327	2.251	6.881	1410.	60.	4.	754.5	32.8	1
2472	10	520	37.3684	89.7310	-641.7	OSE-2	6.39	0.64	1.20	0.0	0.0	5.343	1471.	45.	9.	754.5	32.8	1
2473	10	508	37.3684	89.7317	-642.7	OSE-2	8.33	1.26	1.40	0.0	0.0	5.967	1450.	55.	2.	755.5	32.9	1
2474	0	508	37.3684	89.7324	-636.5	OSE-2	6.86	2.77	1.25	0.404	2.220	5.490	1493.	42.	2.	755.5	32.9	1
2475	0	524	37.3684	89.7330	-641.5	OSE-2	6.44	2.73	1.29	0.425	2.113	4.975	1584.	38.	3.	756.6	32.8	1
2476	0	532	37.3684	89.7337	-644.7	OSE-2	7.88	3.63	1.13	0.460	3.208	6.970	1539.	47.	2.	756.1	32.8	1
2477	0	520	37.3684	89.7344	-638.5	OSE-2	7.17	1.93	1.15	0.269	1.686	6.258	1454.	45.	0.	754.0	32.8	1
2478	0	516	37.3684	89.7350	-637.2	OSE-2	6.28	2.40	1.11	0.383	2.174	5.682	1462.	40.	0.	754.0	32.8	1
2479	0	516	37.3684	89.7358	-639.5	OSE-2	7.77	2.47	1.19	0.318	2.073	6.521	1483.	36.	0.	755.0	32.8	1
2480	0	528	37.3684	89.7364	-640.5	OSE-2	6.88	3.12	1.16	0.454	2.687	5.923	1551.	42.	0.	754.5	32.8	1
2481	0	520	37.3684	89.7371	-640.0	OSE-2	7.35	3.84	1.60	0.523	2.393	4.578	1531.	33.	0.	754.5	32.8	1
2482	0	508	37.3684	89.7378	-637.7	OSE-2	8.12	2.06	1.21	0.254	1.700	6.685	1584.	41.	0.	755.0	32.9	1
2483	0	500	37.3684	89.7384	-643.5	OSE-2	7.02	2.53	1.27	0.360	1.986	5.520	1519.	39.	0.	756.1	32.9	1
2484	0	500	37.3683	89.7391	-648.2	OSE-2	8.29	1.86	1.25	0.224	1.482	6.618	1531.	44.	0.	756.6	32.9	1
2485	0	512	37.3683	89.7398	-643.7	OSE-2	5.99	2.65	1.31	0.442	2.018	4.563	1551.	54.	0.	756.6	32.9	1
2486	0	524	37.3683	89.7405	-642.2	OSE-2	7.11	3.88	1.15	0.545	3.361	6.162	1565.	43.	0.	756.6	32.9	1
2487	0	532	37.3683	89.7410	-646.0	OSE-2	5.24	2.89	1.11	0.552	2.614	4.736	1514.	34.	2.	755.5	32.9	1
2488	0	540	37.3683	89.7418	-645.0	OSE-2	6.00	2.65	1.52	0.441	1.740	3.945	1539.	31.	0.	754.5	32.9	1
2489	0	548	37.3683	89.7424	-641.2	OSE-2	10.52	4.22	1.25	0.401	3.370	8.396	1630.	42.	0.	755.0	32.9	1
2490	10	532	37.3683	89.7431	-639.0	OSE-2	8.34	0.17	1.37	0.0	0.0	6.082	1504.	30.	2.	755.0	32.8	1
2491	0	516	37.3683	89.7438	-642.2	OSE-2	7.24	3.13	1.24	0.433	2.525	5.829	1546.	49.	2.	756.1	32.9	1

CP 9 IP 12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2492	0	512	37.3683	89.7444	-645.7	OSE-2	6.95	3.70	1.04	0.532	3.559	6.686	1548.	34.	4.	758.1	32.9	1
2493	0	512	37.3683	89.7451	-639.2	OSE-2	7.04	3.85	1.36	0.548	2.829	5.166	1676.	42.	0.	757.6	32.8	1
2494	0	492	37.3683	89.7458	-640.7	OSE-2	6.22	2.40	1.02	0.386	2.343	6.075	1561.	27.	2.	755.5	32.8	1
2495	10	484	37.3683	89.7465	-643.0	OSE-2	8.23	1.54	1.22	0.0	0.0	6.756	1440.	37.	2.	755.5	32.8	1
2496	0	496	37.3683	89.7471	-640.7	OSE-2	6.59	2.69	0.95	0.408	2.830	6.931	1380.	43.	2.	755.5	32.8	1
2497	0	516	37.3683	89.7478	-643.5	OSE-2	4.89	2.21	1.11	0.451	1.981	4.390	1333.	43.	0.	754.5	32.8	1
2498	10	536	37.3683	89.7485	-646.0	OSE-2	6.29	1.52	1.28	0.0	0.0	4.920	1318.	37.	1.	755.5	32.8	1
2499	10	476	37.3683	89.7492	-643.2	OSE-2	4.87	0.70	1.05	0.0	0.0	4.639	1135.	48.	0.	756.6	32.8	1
2500	10	484	37.3683	89.7498	-644.7	OSE-2	5.56	0.99	0.67	0.0	0.0	8.330	1138.	48.	0.	756.6	32.8	1
2501	0	520	37.3683	89.7505	-640.5	OSE-2	3.92	3.74	1.01	0.954	3.713	3.890	1219.	36.	0.	757.1	32.8	1
2502	0	532	37.3683	89.7512	-639.0	OSE-2	6.52	1.90	1.00	0.292	1.900	6.509	1222.	41.	0.	757.1	32.8	1
2503	0	576	37.3683	89.7519	-645.0	OSE-2	4.60	3.83	1.30	0.833	2.936	3.524	1325.	41.	2.	755.0	32.8	1
2504	10	584	37.3683	89.7525	-646.2	OSE-2	8.83	0.31	1.50	0.0	0.0	5.870	1515.	46.	0.	754.5	32.8	1
2505	10	584	37.3683	89.7532	-644.2	OSE-2	8.75	1.12	1.10	0.0	0.0	7.980	1466.	42.	0.	755.5	32.7	1
2506	0	584	37.3683	89.7539	-646.2	OSE-2	7.19	2.16	1.23	0.300	1.763	5.866	1534.	40.	0.	755.5	32.7	1
2507	0	580	37.3683	89.7545	-645.5	OSE-2	3.78	3.19	1.36	0.845	2.356	2.789	1413.	45.	0.	756.1	32.7	1
2508	0	572	37.3683	89.7553	-641.0	OSE-2	5.82	3.10	1.42	0.533	2.179	4.092	1512.	32.	0.	757.1	32.8	1
2509	0	560	37.3682	89.7559	-637.7	OSE-2	9.03	1.80	1.69	0.199	1.065	5.348	1595.	47.	0.	756.1	32.7	1
2510	10	544	37.3682	89.7565	-642.2	OSE-2	9.74	1.40	1.25	0.0	0.0	7.806	1475.	39.	0.	755.0	32.8	1
2511	10	528	37.3682	89.7573	-649.2	OSE-2	8.82	0.81	1.17	0.0	0.0	7.531	1374.	34.	0.	755.5	32.8	1
2512	0	504	37.3682	89.7579	-649.5	OSE-2	5.69	2.62	0.99	0.461	2.635	5.720	1307.	37.	0.	754.5	32.9	1
2513	0	492	37.3682	89.7585	-644.5	OSE-2	3.60	1.75	1.33	0.486	1.317	2.711	1298.	34.	0.	754.5	32.9	1
2514	0	492	37.3682	89.7592	-641.0	OSE-2	4.28	1.69	0.80	0.396	2.121	5.350	1186.	51.	6.	756.6	32.9	1
2515	10	464	37.3682	89.7599	-642.2	OSE-2	6.16	0.35	1.13	0.0	0.0	5.427	1203.	39.	8.	758.7	32.9	1
2516	0	532	37.3682	89.7606	-645.2	OSE-2	7.79	3.13	0.89	0.401	3.494	8.711	1479.	35.	5.	757.6	32.9	1
2517	10	536	37.3682	89.7613	-639.5	OSE-2	6.59	-0.34	1.69	0.0	0.0	3.893	1434.	38.	11.	757.6	32.9	1
2518	0	532	37.3682	89.7619	-638.0	OSE-2	3.94	2.77	1.01	0.703	2.733	3.887	1394.	38.	9.	757.6	33.0	1
2519	0	536	37.3682	89.7626	-643.0	OSE-2	8.17	2.12	1.28	0.259	1.652	6.378	1473.	35.	6.	756.6	33.0	1
2520	10	536	37.3683	89.7633	-643.0	OSE-2	6.48	0.94	1.53	0.0	0.0	4.234	1479.	37	6.	755.5	33.0	1
2521	10	536	37.3682	89.7640	-642.0	OSE-2	7.11	0.74	1.34	0.0	0.0	5.312	1366.	51.	1.	755.5	33.0	1
2522	0	540	37.3682	89.7646	-644.5	OSE-2	7.32	4.98	1.16	0.680	4.300	6.325	1458.	47.	0.	755.5	33.0	1
2523	0	540	37.3682	89.7653	-641.2	OSE-2	6.98	2.07	1.18	0.297	1.752	5.895	1418.	50.	0.	756.6	33.0	1
2524	0	540	37.3682	89.7660	-645.7	OJC	8.09	3.56	1.01	0.440	3.511	7.984	1491.	42.	0.	758.1	33.0	1
2525	0	540	37.3682	89.7666	-651.5	OJC	7.64	1.72	1.33	0.225	1.298	5.758	1417.	39.	0.	758.1	33.0	1
2526	0	540	37.3682	89.7673	-641.5	OJC	5.80	3.04	1.23	0.523	2.474	4.729	1508.	33.	0.	758.1	33.0	1
2527	10	532	37.3682	89.7680	-636.5	OJC	7.46	1.52	1.03	0.0	0.0	7.250	1535.	34.	1.	758.1	32.9	1
2528	10	520	37.3682	89.7687	-643.7	OJC	8.66	0.22	1.54	0.0	0.0	5.623	1491.	30.	2.	757.1	33.0	1
2529	0	516	37.3682	89.7693	-643.0	OJC	5.71	2.41	1.24	0.422	1.946	4.617	1464.	36.	0.	756.6	33.0	1
2530	10	508	37.3682	89.7700	-638.7	OJC	6.66	0.92	1.49	0.0	0.0	4.457	1387.	39.	2.	756.6	33.0	1
2531	0	496	37.3682	89.7707	-640.5	OJC	6.02	1.63	1.08	0.271	1.504	5.558	1318.	50.	2.	755.5	33.0	1
2532	0	508	37.3682	89.7713	-639.7	OJC	4.07	3.13	0.97	0.769	3.231	4.199	1327.	35.	1.	754.5	33.0	1
2533	0	496	37.3682	89.7720	-639.5	OJC	4.81	2.01	1.25	0.417	1.606	3.851	1287.	52.	3.	754.5	33.0	1
2534	0	480	37.3682	89.7727	-639.5	OJC	5.37	4.40	0.90	0.819	4.879	5.956	1318.	36.	0.	755.0	33.0	1
2535	0	448	37.3682	89.7733	-641.7	OJC	5.74	3.43	0.84	0.599	4.110	6.865	1278.	22.	0.	756.1	33.0	1
2536	0	380	37.3682	89.7740	-643.5	OJC	3.70	1.72	0.66	0.465	2.597	5.584	1005.	45.	0.	757.1	33.0	1
2537	10	364	37.3682	89.7747	-641.2	OJC	4.58	0.97	0.91	0.0	0.0	5.039	1021.	38.	3.	756.1	33.0	1
2538	0	356	37.3682	89.7754	-640.0	OJC	3.23	2.16	0.91	0.669	2.384	3.562	1115.	32.	0.	757.1	32.9	1
2539	0	380	37.3682	89.7760	-639.2	OJC	5.81	2.06	0.81	0.355	2.553	7.199	1150.	39.	1.	758.1	32.9	1
2540	10	404	37.3682	89.7767	-638.7	OJC	7.82	0.21	1.11	0.0	0.0	7.074	1268.	35.	0.	758.7	32.9	1
2541	10	396	37.3682	89.7774	-643.5	OJC	4.61	1.06	0.86	0.0	0.0	5.384	1226.	35.	2.	758.7	32.9	1
2542	0	436	37.3682	89.7780	-648.2	OJC	5.53	2.80	0.73	0.506	3.831	7.572	1353.	38.	0.	757.6	32.9	1
2543	0	460	37.3681	89.7788	-649.0	OJC	8.49	1.73	1.15	0.203	1.505	7.399	1356.	38.	3.	757.6	32.8	1
2544	10	452	37.3681	89.7794	-647.5	OJC	9.36	0.26	1.31	0.0	0.0	7.117	1402.	24.	4.	757.6	32.9	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	REDUCED DATA GROSS	COS	UAIR	PRESS	TEMP	SYS
2545	0	456	37.3681	89.7801	-647.0		OJC	7.87	1.59	1.09	0.202	1.456	7.224	1354.	37.	4.	756.6	32.8	1
2546	0	456	37.3681	89.7808	-643.2		OJC	5.38	2.23	1.16	0.413	1.912	4.625	1413.	39.	3.	755.5	32.8	1
2547	0	452	37.3681	89.7814	-645.5		OJC	6.23	1.72	0.84	0.276	2.057	7.445	1246.	50.	1.	755.5	32.7	1
2548	0	436	37.3681	89.7821	-645.5		OJC	9.17	1.82	0.89	0.199	2.047	10.286	1339.	46.	0.	755.5	32.8	1
2549	0	424	37.3681	89.7828	-645.0		OJC	6.72	3.55	0.99	0.528	3.599	6.810	1427.	49.	0.	755.5	32.8	1
2550	0	424	37.3681	89.7835	-651.0		OJC	8.01	3.03	0.97	0.378	3.131	8.294	1482.	52.	0.	756.1	32.7	1
2551	10	428	37.3681	89.7841	-653.7		OJC	8.49	1.17	1.01	0.0	0.0	8.434	1376.	34.	1.	757.1	32.7	1
2552	0	416	37.3681	89.7848	-648.7		OJC	6.73	1.78	0.92	0.264	1.924	7.277	1375.	46.	2.	757.1	32.8	1
2553	0	428	37.3681	89.7854	-651.2		OJC	5.89	2.52	0.92	0.427	2.741	6.417	1372.	46.	0.	757.1	32.7	1
2554	0	440	37.3681	89.7861	-658.0		OJC	6.89	1.49	1.00	0.216	1.489	6.892	1340.	51.	2.	758.1	32.7	1
2555	10	456	37.3681	89.7868	-655.0		OJC	7.21	0.70	0.97	0.0	0.0	7.422	1435.	34.	3.	758.1	32.7	1
2556	0	468	37.3681	89.7875	-650.7		OJC	7.90	2.84	1.18	0.359	2.408	6.713	1445.	47.	0.	757.6	32.8	1
2557	0	480	37.3681	89.7882	-652.5		OJC	6.62	1.63	1.42	0.246	1.146	4.651	1397.	37.	0.	757.6	32.8	1
2558	0	496	37.3681	89.7888	-654.7		OJC	5.73	4.46	0.99	0.779	4.510	5.788	1403.	36.	0.	757.6	32.9	1
2559	0	468	37.3681	89.7895	-657.7		OJC	6.99	1.72	0.98	0.246	1.749	7.124	1231.	41.	0.	756.6	32.9	1
2560	10	424	37.3681	89.7902	-661.5		OJC	5.49	1.03	0.96	0.0	0.0	5.707	1175.	39.	0.	756.6	33.0	1
2561	0	424	37.3681	89.7908	-660.7		OJC	4.81	2.13	0.79	0.443	2.687	6.073	1100.	33.	0.	755.5	33.0	1
2562	0	416	37.3681	89.7915	-660.0		OJC	4.39	2.60	0.63	0.593	4.133	6.968	1014.	41.	0.	755.5	33.0	1
2563	10	436	37.3681	89.7922	-662.7		OJC	5.41	0.35	1.06	0.0	0.0	5.113	1050.	44.	3.	755.5	32.9	1
2564	0	520	37.3680	89.7928	-664.7		OJC	6.83	3.05	0.86	0.447	3.550	7.934	1236.	54.	0.	755.0	32.9	1
2565	0	536	37.3680	89.7935	-664.5		OJC	5.14	1.86	1.10	0.362	1.693	4.681	1364.	33.	5.	755.0	32.9	1
2566	0	536	37.3680	89.7942	-663.7		OJC	6.27	1.75	1.42	0.279	1.233	4.420	1378.	37.	5.	755.5	32.9	1
2567	0	540	37.3680	89.7949	-658.2		OJC	7.67	2.10	1.03	0.274	2.046	7.480	1388.	53.	4.	756.6	32.9	1
2568	0	540	37.3680	89.7955	-659.7		OJC	6.25	2.03	1.21	0.325	1.676	5.163	1408.	47.	3.	756.6	32.9	1
2569	0	544	37.3681	89.7962	-666.7		OJC	4.81	4.20	1.10	0.874	3.825	4.374	1420.	36.	3.	756.1	32.8	1
2570	10	540	37.3681	89.7969	-663.5		OJC	6.01	-0.06	1.29	0.0	0.0	4.642	1392.	39.	7.	757.1	32.8	1
2571	0	540	37.3681	89.7975	-661.5		OJC	5.33	2.82	1.01	0.529	2.800	5.290	1398.	40.	4.	757.6	32.7	1
2572	10	540	37.3681	89.7983	-669.0		OJC	5.50	0.18	1.18	0.0	0.0	4.679	1325.	52.	6.	757.6	32.7	1
2573	0	540	37.3681	89.7989	-666.7		OJC	5.73	2.34	0.59	0.409	3.997	9.775	1333.	31.	8.	758.7	32.7	1
2574	10	544	37.3681	89.7995	-664.5		OJC	7.14	1.17	0.99	0.0	0.0	7.233	1238.	36.	5.	758.7	32.7	1
2575	10	548	37.3681	89.8003	-669.5		OJC	6.15	1.04	1.12	0.0	0.0	5.496	1225.	41.	5.	758.7	32.7	1
2576	0	548	37.3680	89.8009	-667.7		OJC	5.98	1.70	1.00	0.285	1.702	5.969	1364.	33.	4.	758.7	32.7	1
2577	10	544	37.3680	89.8015	-663.7		OJC	4.89	1.34	1.03	0.0	0.0	4.761	1385.	47.	7.	758.7	32.6	1
2578	0	544	37.3680	89.8022	-660.2		OJC	6.23	2.78	0.94	0.446	2.947	6.603	1456.	38.	4.	757.6	32.6	1
2579	0	544	37.3680	89.8029	-656.2		OJC	6.38	3.43	0.96	0.537	3.568	6.641	1434.	41.	0.	756.6	32.5	1
2580	10	548	37.3680	89.8036	-657.5		OJC	6.99	1.34	1.19	0.0	0.0	5.877	1419.	46.	3.	756.6	32.5	1
2581	0	520	37.3680	89.8043	-658.2		OJC	8.37	3.00	1.09	0.358	2.741	7.654	1442.	41.	0.	757.6	32.6	1
2582	10	512	37.3680	89.8049	-653.7		OJC	9.25	1.27	1.43	0.0	0.0	6.482	1481.	48.	0.	756.6	32.6	1
2583	0	512	37.3680	89.8056	-649.5		OJC	6.38	2.12	1.24	0.332	1.707	5.146	1499.	31.	0.	755.5	32.5	1
2584	0	508	37.3680	89.8063	-648.5		OJC	7.41	2.32	1.09	0.313	2.136	6.812	1375.	49.	0.	755.5	32.6	1
2585	0	504	37.3680	89.8070	-644.5		OJC	8.23	1.85	1.27	0.225	1.460	6.487	1413.	48.	0.	755.5	32.6	1
2586	0	508	37.3680	89.8077	-641.2		OJC	6.92	3.40	1.18	0.491	2.882	5.869	1463.	45.	0.	755.5	32.6	1
2587	0	504	37.3680	89.8083	-642.2		OJC	10.21	3.47	0.58	0.340	5.986	17.607	1515.	47.	0.	755.5	32.6	1
2588	0	508	37.3680	89.8090	-634.0		OJC	6.15	3.74	1.15	0.608	3.254	5.350	1504.	47.	0.	756.1	32.7	1
2589	0	512	37.3680	89.8097	-625.7		OJC	6.03	5.66	0.92	0.938	6.140	6.546	1515.	39.	0.	755.5	32.8	1
2590	0	512	37.3680	89.8103	-626.2		OJC	6.93	2.76	1.15	0.398	2.401	6.036	1482.	47.	3.	755.5	32.7	1
2591	10	508	37.3680	89.8110	-622.0		OJC	9.01	1.55	1.11	0.0	0.0	8.144	1480.	39.	3.	755.5	32.7	1
2592	0	496	37.3680	89.8117	-615.7		OJC	7.79	1.79	0.73	0.230	2.446	10.637	1336.	45.	5.	755.5	32.7	1
2593	0	492	37.3680	89.8123	-610.0		OJC	7.55	2.30	1.28	0.304	1.795	5.900	1490.	48.	1.	755.5	32.7	1
2594	0	424	37.3680	89.8130	-601.5		OJC	4.25	1.90	1.21	0.448	1.579	3.523	1275.	52.	4.	755.5	32.8	1
2595	0	388	37.3680	89.8137	-598.5		OJC	4.50	1.35	1.08	0.301	1.250	4.151	1135.	45.	1.	755.5	32.8	1
2596	10	352	37.3680	89.8144	-595.0		OJC	6.02	0.94	0.76	0.0	0.0	7.920	1026.	45.	4.	755.5	32.7	1
2597	0	316	37.3679	89.8150	-582.2		OJC	5.07	1.84	0.52	0.363	3.515	9.683	959.	47.	4.	756.6	32.7	1

CP9 1P12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2598	0	336	37.3679	89.8157	-576.2	OJC	5.50	1.65	0.79	0.300	2.080	6.932	1147.	43.	1.	756.1	32.7	1
2599	0	344	37.3679	89.8164	-570.7	OJC	5.92	2.01	0.84	0.340	2.401	7.060	1183.	44.	0.	755.0	32.7	1
2600	0	320	37.3679	89.8170	-562.2	OJC	4.28	1.47	0.94	0.344	1.563	4.536	1123.	42.	0.	756.1	32.7	1
2601	0	344	37.3679	89.8177	-556.5	OJC	3.55	2.43	0.76	0.686	3.206	4.676	1155.	45.	0.	756.1	32.7	1
2602	10	364	37.3679	89.8184	-549.5	OJC	6.35	1.08	0.76	0.0	0.0	8.391	1214.	46.	0.	755.5	32.7	1
2603	0	392	37.3679	89.8190	-542.7	OJC	6.32	1.94	1.22	0.307	1.585	5.162	1389.	38.	0.	755.5	32.7	1
2604	0	448	37.3679	89.8197	-536.7	OJC	7.41	2.90	1.00	0.392	2.902	7.402	1533.	29.	0.	756.1	32.8	1
2605	0	452	37.3679	89.8204	-528.2	OJC	6.42	1.78	1.28	0.278	1.395	5.022	1484.	42.	2.	755.0	32.8	1
2606	10	432	37.3679	89.8210	-524.7	OJC	6.79	1.14	1.37	0.0	0.0	4.965	1398.	51.	2.	755.0	32.7	1
2607	0	416	37.3679	89.8217	-524.0	OJC	6.22	2.08	1.05	0.335	1.988	5.940	1498.	32.	2.	756.6	32.7	1
2608	0	384	37.3679	89.8224	-513.0	OJC	6.30	2.29	0.97	0.363	2.356	6.494	1328.	31.	0.	756.6	32.8	1
2609	0	400	37.3679	89.8231	-503.7	OJC	7.35	3.94	0.76	0.537	5.199	9.683	1473.	52.	0.	755.5	32.8	1
2610	0	408	37.3679	89.8238	-501.5	OJC	8.48	2.51	1.10	0.296	2.283	7.718	1445.	50.	1.	756.6	32.8	1
2611	0	340	37.3679	89.8244	-492.2	OJC	6.69	1.62	1.22	0.242	1.330	5.496	1371.	52.	0.	757.6	32.8	1
2612	0	332	37.3679	89.8251	-486.0	OJC	6.14	2.75	1.04	0.448	2.647	5.907	1380.	53.	0.	756.6	32.7	1
2613	0	316	37.3679	89.8258	-489.7	OJC	6.48	2.73	0.98	0.421	2.793	6.635	1436.	44.	0.	756.6	32.7	1
2614	0	340	37.3679	89.8265	-488.2	OJC	6.97	2.45	1.24	0.352	1.978	5.625	1601.	42.	1.	757.6	32.7	1
2615	0	332	37.3679	89.8272	-481.7	OJC	6.99	2.34	1.32	0.335	1.778	5.302	1684.	36.	3.	757.6	32.7	1
2616	0	328	37.3679	89.8278	-479.7	OJC	6.03	3.48	1.30	0.578	2.686	4.650	1612.	45.	2.	757.6	32.7	1
2617	0	320	37.3679	89.8284	-475.5	OJC	6.41	2.42	1.35	0.377	1.797	4.760	1584.	54.	0.	757.6	32.7	1
2618	0	320	37.3679	89.8292	-475.0	OJC	6.46	3.77	0.76	0.584	4.996	8.553	1533.	37.	0.	757.6	32.6	1
2619	10	324	37.3679	89.8298	-475.5	OJC	8.83	1.06	1.44	0.0	0.0	6.125	1613.	38.	3.	757.6	32.6	1
2620	0	328	37.3679	89.8305	-470.7	OJC	6.78	2.80	0.97	0.413	2.892	7.005	1599.	42.	0.	757.6	32.6	1
2621	0	320	37.3679	89.8312	-468.0	OJC	8.23	1.83	1.08	0.222	1.693	7.626	1527.	37.	0.	757.6	32.5	1
2622	0	284	37.3679	89.8318	-468.5	OJC	6.40	1.80	0.95	0.282	1.897	6.734	1359.	47.	0.	758.1	32.6	1
2623	0	296	37.3679	89.8325	-469.5	OJC	3.97	2.95	1.05	0.743	2.819	3.795	1223.	37.	0.	758.1	32.6	1
2624	10	324	37.3679	89.8332	-473.5	OJC	4.72	0.74	1.12	0.0	0.0	4.213	1122.	44.	4.	758.1	32.5	1
2625	0	344	37.3679	89.8338	-473.0	OJC	5.49	1.56	1.19	0.284	1.314	4.620	1175.	34.	1.	759.2	32.6	1
2626	10	372	37.3679	89.8345	-469.5	OJC	6.26	0.81	1.17	0.0	0.0	5.349	1249.	40.	3.	758.1	32.6	1
2627	0	396	37.3679	89.8352	-473.5	OJC	5.06	2.84	1.04	0.562	2.725	4.848	1253.	50.	0.	757.1	32.5	1
2628	0	412	37.3679	89.8358	-474.5	OJC	5.95	1.67	1.11	0.281	1.508	5.362	1215.	51.	5.	757.6	32.5	1
2629	0	404	37.3678	89.8365	-473.7	OJC	6.46	1.87	0.84	0.289	2.215	7.674	1198.	44.	0.	757.6	32.4	1
2630	0	364	37.3678	89.8372	-480.2	OJC	5.41	2.30	1.07	0.425	2.157	5.074	1106.	39.	0.	757.6	32.4	1
2631	0	3[illegible]	37.3678	89.8379	-484.5	OJC	5.33	2.56	0.86	0.479	2.971	6.199	1244.	47.	1.	758.7	32.4	1
2632	0	32[illegible]	37.3678	89.8385	-484.7	OJC	6.01	1.57	1.02	0.261	1.543	5.902	1253.	33.	0.	758.1	32.4	1
2633	0	336	37.3678	89.8392	-487.5	OJC	7.50	1.69	0.65	0.225	2.599	11.552	1240.	39.	0.	756.1	32.4	1
2634	0	360	37.3678	89.8399	-488.7	OJC	6.33	2.50	0.94	0.394	2.657	6.738	1251.	37.	0.	755.0	32.4	1
2635	0	348	37.3678	89.8405	-493.0	OJC	6.49	1.47	1.06	0.226	1.390	6.150	1322.	47.	0.	755.5	32.5	1
2636	0	344	37.3678	89.8413	-497.0	OJC	5.91	1.90	0.91	0.322	2.084	6.480	1136.	45.	0.	755.5	32.6	1
2637	10	352	37.3678	89.8419	-497.2	OJC	6.45	0.41	0.99	0.0	0.0	6.540	1189.	35.	0.	755.5	32.6	1
2638	0	332	37.3678	89.8425	-499.0	OJC	4.73	2.20	0.94	0.464	2.341	5.041	1196.	49.	1.	756.1	32.6	1
2639	0	296	37.3678	89.8433	-497.5	OJC	5.81	1.99	0.89	0.343	2.248	6.557	1229.	31.	1.	756.1	32.5	1
2640	0	292	37.3678	89.8439	-501.0	OJC	6.52	1.97	0.95	0.302	2.075	6.862	1355.	43.	0.	755.5	32.5	1
2641	0	296	37.3678	89.8447	-509.2	OJC	5.95	2.32	1.22	0.389	1.897	4.877	1479.	37.	0.	755.5	32.5	1
2642	0	300	37.3678	89.8452	-509.0	OJC	8.72	1.68	1.04	0.192	1.611	8.372	1574.	43.	0.	755.5	32.6	1
2643	0	300	37.3678	89.8459	-510.2	OJC	10.53	2.28	1.03	0.216	2.215	10.234	1684.	29.	0.	754.5	32.6	1
2644	0	308	37.3678	89.8466	-516.2	OJC	6.78	2.30	1.14	0.339	2.006	5.919	1537.	47.	1.	755.5	32.6	1
2645	0	328	37.3678	89.8473	-517.2	OJC	6.19	2.20	0.96	0.354	2.287	6.452	1448.	34.	3.	755.5	32.6	1
2646	0	344	37.3678	89.8479	-522.7	OJC	5.00	2.10	0.92	0.419	2.293	5.468	1239.	35.	5.	754.5	32.6	1
2647	0	380	37.3678	89.8486	-528.2	OJC	7.03	2.31	0.75	0.329	3.068	9.328	1226.	45.	2.	754.5	32.6	1
2648	0	376	37.3677	89.8493	-525.5	OJC	5.22	3.09	0.71	0.593	4.342	7.324	1279.	44.	0.	754.5	32.6	1
2649	0	420	37.3677	89.8500	-528.7	OJC	7.70	1.55	0.92	0.201	1.688	8.404	1420.	35.	0.	754.5	32.5	1
2650	0	420	37.3677	89.8507	-535.0	OJC	6.66	1.69	0.89	0.254	1.903	7.491	1244.	35.	0.	754.5	32.5	1

CP 9 IP 12

* ID	TAGS QUAL	ALT	* LOCATION LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	REDUCED DATA U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
2651	0	444	37.3677	89.8513	-537.7		OJC	6.93	2.31	0.87	0.333	2.652	7.963	1270.	41.	0.	754.5	32.4	1
2652	0	492	37.3677	89.8520	-541.0		OJC	8.24	1.89	0.84	0.229	2.262	9.861	1371.	47.	0.	754.5	32.4	1
2653	0	492	37.3677	89.8527	-546.2		OJC	5.65	1.84	1.14	0.325	1.605	4.934	1352.	31.	0.	754.5	32.3	1
2654	0	500	37.3677	89.8533	-551.2		OJC	7.65	2.28	0.98	0.298	2.335	7.837	1392.	48.	0.	755.5	32.3	1
2655	0	540	37.3677	89.8540	-556.0		OJC	6.74	3.54	0.94	0.524	3.776	7.201	1510.	32.	0.	755.5	32.2	1
2656	0	536	37.3677	89.8547	-558.0		OJC	6.91	3.33	1.34	0.481	2.487	5.168	1561.	46.	0.	755.5	32.2	1
2657	0	532	37.3677	89.8554	-557.0		OJC	7.34	3.64	1.02	0.496	3.553	7.160	1573.	37.	0.	755.5	32.1	1
2658	10	524	37.3677	89.8560	-565.0		OJC	7.41	1.48	1.08	0.0	0.0	6.862	1478.	30.	0.	755.5	32.2	1
2659	10	508	37.3677	89.8567	-569.7		OJC	7.67	1.45	1.46	0.0	0.0	5.241	1532.	34.	0.	755.0	32.2	1
2660	0	488	37.3677	89.8574	-570.0		OJC	4.80	3.48	0.90	0.724	3.883	5.364	1388.	40.	0.	754.5	32.2	1
2661	0	484	37.3677	89.8580	-578.2		OJC	5.91	2.21	0.79	0.373	2.791	7.476	1237.	41.	1.	755.5	32.2	1
2662	0	492	37.3677	89.8588	-586.7		OJC	6.16	2.40	0.94	0.390	2.549	6.534	1297.	29.	2.	755.5	32.3	1
2663	10	508	37.3677	89.8594	-587.2		OJC	7.07	1.18	1.13	0.0	0.0	6.265	1251.	45.	0.	754.5	32.3	1
2664	0	516	37.3677	89.8600	-594.2		OJC	6.59	2.94	1.26	0.446	2.322	5.213	1415.	43.	0.	755.5	32.4	1
2665	0	496	37.3677	89.8607	-605.0		OJC	4.95	2.69	1.30	0.543	2.074	3.822	1414.	43.	0.	755.5	32.4	1
2666	0	492	37.3677	89.8614	-610.7		OJC	5.26	2.83	1.00	0.538	2.822	5.242	1489.	49.	1.	755.5	32.4	1
2667	0	492	37.3677	89.8620	-616.2		OJC	10.42	3.75	1.07	0.360	3.498	9.713	1511.	25.	0.	756.1	32.4	1
2668	0	496	37.3677	89.8627	-622.5		OJC	5.11	3.34	1.10	0.654	3.054	4.667	1484.	36.	2.	756.1	32.3	1
2669	10	488	37.3676	89.8635	-632.5		OJC	6.51	1.12	1.06	0.0	0.0	6.134	1413.	41.	3.	756.1	32.4	1
2670	0	464	37.3676	89.8642	-640.7		OJC	7.30	1.75	0.83	0.240	2.111	8.810	1274.	34.	4.	756.1	32.4	1
2671	10	436	37.3676	89.8649	-648.7		OJC	9.57	1.00	1.08	0.0	0.0	8.878	1341.	35.	2.	755.5	32.4	1
2672	10	416	37.3676	89.8656	-656.2		OJC	7.07	0.64	1.08	0.0	0.0	6.533	1321.	45.	4.	755.5	32.4	1
2673	10	404	37.3676	89.8663	-659.7		OJC	7.03	0.80	1.36	0.0	0.0	5.168	1450.	43.	1.	755.0	32.3	1
2674	0	396	37.3676	89.8670	-668.5		OJC	4.37	1.71	1.06	0.392	1.614	4.118	1262.	39.	3.	755.0	32.3	1
2675	10	404	37.3676	89.8677	-682.0		OJC	7.76	1.24	1.10	0.0	0.0	7.057	1276.	45.	2.	755.0	32.3	1
2676	0	408	37.3676	89.8684	-685.0		OJC	6.27	1.56	0.98	0.249	1.586	6.375	1228.	55.	1.	754.5	32.3	1
2677	0	396	37.3676	89.8691	-691.5		OJC	7.80	2.61	0.67	0.335	3.876	11.578	1295.	39.	0.	754.5	32.3	1
2678	0	392	37.3676	89.8698	-705.7		OJC	4.85	2.20	0.78	0.453	2.801	6.187	1214.	39.	4.	754.5	32.4	1
2679	0	384	37.3676	89.8705	-712.5		OJC	5.69	1.89	0.93	0.331	2.029	6.126	1307.	30.	3.	753.5	32.4	1
2680	0	356	37.3676	89.8713	-717.2		OJC	5.76	1.90	0.88	0.330	2.170	6.573	1241.	39.	2.	753.5	32.4	1
2681	0	392	37.3676	89.8719	-723.0		OJC	6.66	2.22	0.98	0.333	2.269	6.808	1325.	46.	0.	754.5	32.4	1
2682	10	384	37.3676	89.8726	-725.2		OJC	7.01	1.36	1.17	0.0	0.0	5.983	1413.	45.	6.	754.5	32.3	1
2683	0	368	37.3676	89.8734	-735.7		OJC	7.79	1.35	1.17	0.173	1.152	6.670	1444.	40.	1.	754.0	32.3	1
2684	0	368	37.3676	89.8741	-745.2		OJC	6.20	2.83	0.93	0.456	3.044	6.675	1424.	39.	0.	754.0	32.3	1
2685	0	376	37.3676	89.8747	-752.5		OJC	6.42	2.02	1.10	0.315	1.834	5.818	1457.	42.	4.	754.0	32.2	1
2686	0	368	37.3676	89.8754	-759.2		OJC	6.53	3.30	0.89	0.505	3.722	7.370	1420.	38.	0.	754.0	32.2	1
2687	0	352	37.3676	89.8761	-763.0		OJC	7.44	2.63	0.85	0.353	3.107	8.805	1435.	41.	4.	754.5	32.2	1
2688	0	304	37.3676	89.8768	-766.5		OJC	6.94	2.53	0.83	0.364	3.056	8.395	1401.	37.	2.	754.5	32.2	1
2689	0	288	37.3676	89.8775	-769.7		OJC	7.86	2.14	0.91	0.272	2.342	8.609	1402.	29.	0.	754.0	32.2	1
2690	10	328	37.3675	89.8782	-771.5		OJC	6.82	0.79	1.05	0.0	0.0	6.477	1539.	38.	6.	755.0	32.2	1
2691	0	324	37.3675	89.8789	-779.7		OJC	6.74	3.23	1.10	0.480	2.939	6.126	1609.	43.	1.	756.1	32.2	1
2692	0	324	37.3675	89.8797	-784.2		OJC	10.46	1.72	1.17	0.164	1.464	8.927	1664.	40.	0.	755.5	32.3	1
2693	10	324	37.3675	89.8804	-781.0		OJC	9.22	0.98	1.14	0.0	0.0	8.101	1640.	37.	2.	755.5	32.3	1
2694	0	328	37.3675	89.8810	-780.2		OJC	8.29	2.22	1.30	0.268	1.708	6.371	1690.	33.	1.	756.6	32.3	1
2695	10	332	37.3675	89.8817	-786.5		OJC	7.72	1.16	1.19	0.0	0.0	6.514	1459.	60.	-3.	755.5	32.3	1
2696	0	340	37.3675	89.8825	-790.5		OJC	8.46	3.75	0.99	0.444	3.781	8.526	1581.	34.	0.	755.5	32.3	1
2697	0	340	37.3675	89.8832	-791.7		OJC	8.37	3.46	0.91	0.413	3.788	9.172	1541.	51.	2.	755.5	32.3	1
2698	0	340	37.3675	89.8838	-790.2		OJC	6.86	3.66	1.09	0.534	3.361	6.292	1623.	28.	1.	754.5	32.3	1
2699	0	340	37.3675	89.8846	-794.7		OJC	7.76	2.24	1.06	0.289	2.105	7.294	1605.	48.	3.	753.5	32.3	1
2700	0	332	37.3675	89.8853	-800.7		OJC	9.12	2.29	1.17	0.251	1.956	7.800	1608.	57.	1.	753.5	32.3	1
2701	0	336	37.3675	89.8860	-801.5		OJC	7.07	3.27	0.86	0.463	3.796	8.196	1593.	38.	0.	753.5	32.2	1
2702	0	340	37.3675	89.8866	-799.5		OJC	7.32	2.96	1.12	0.405	2.638	6.519	1625.	42.	0.	753.5	32.2	1
2703	10	348	37.3675	89.8873	-798.5		OJC	9.61	0.48	1.14	0.0	0.0	8.408	1490.	53.	0.	753.5	32.2	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2704	0	360	37.3675	89.8881	-801.7	OJC	7.34	3.83	1.10	0.523	3.486	6.670	1557.	43.	0.	753.5	32.2	1
2705	0	364	37.3674	89.8888	-806.7	OJC	7.21	1.99	1.13	0.276	1.762	6.385	1404.	53.	0.	754.5	32.2	1
2706	0	336	37.3674	89.8895	-804.2	OJC	6.21	2.18	0.91	0.351	2.402	6.837	1273.	51.	0.	754.5	32.3	1
2707	0	348	37.3674	89.8902	-802.2	OJC	6.06	1.69	0.92	0.279	1.840	6.603	1220.	47.	0.	755.5	32.2	1
2708	0	364	37.3674	89.8909	-806.5	OJC	6.16	2.73	0.72	0.443	3.781	8.535	1267.	34.	1.	755.5	32.3	1
2709	0	352	37.3674	89.8916	-810.0	OJC	5.04	1.73	0.78	0.342	2.202	6.433	1202.	43.	1.	755.5	32.3	1
2710	0	336	37.3674	89.8923	-813.5	OJC	4.03	3.08	0.76	0.765	4.054	5.301	1157.	50.	0.	755.5	32.3	1
2711	0	336	37.3674	89.8930	-813.7	OJC	6.16	1.99	0.72	0.323	2.778	8.605	1177.	41.	0.	755.5	32.2	1
2712	0	348	37.3674	89.8937	-809.0	OJC	6.58	2.09	0.64	0.318	3.279	10.313	1182.	30.	0.	754.5	32.3	1
2713	0	368	37.3674	89.8944	-806.7	OJC	4.88	1.91	0.95	0.391	2.013	5.144	1189.	44.	1.	754.0	32.2	1
2714	0	380	37.3674	89.8951	-810.0	OJC	6.42	2.00	0.79	0.312	2.521	8.079	1259.	45.	0.	754.0	32.2	1
2715	0	412	37.3674	89.8957	-816.0	OJC	6.78	2.78	0.99	0.411	2.809	6.837	1377.	35.	3.	754.0	32.2	1
2716	0	408	37.3674	89.8965	-817.2	OJC	6.49	2.97	0.86	0.458	3.447	7.524	1382.	48.	4.	753.5	32.3	1
2717	0	396	37.3674	89.8972	-813.2	OJC	4.60	1.78	0.92	0.387	1.947	5.026	1299.	39.	7.	753.5	32.3	1
2718	0	380	37.3674	89.8979	-811.0	OJC	5.79	1.41	0.85	0.243	1.662	6.843	1188.	42.	8.	753.5	32.3	1
2719	0	428	37.3674	89.8986	-813.0	OJC	5.39	2.08	0.94	0.385	2.210	5.738	1233.	37.	9.	753.5	32.2	1
2720	0	468	37.3674	89.8993	-816.0	OJC	6.61	2.26	0.99	0.342	2.285	6.690	1415.	47.	6.	754.0	32.3	1
2721	0	440	37.3674	89.9000	-818.0	OJC	6.14	2.94	0.96	0.479	3.074	6.418	1394.	36.	4.	754.0	32.4	1
2722	0	408	37.3674	89.9007	-812.7	OJC	5.34	2.46	1.03	0.461	2.392	5.184	1386.	49.	4.	754.5	32.4	1
2723	10	404	37.3674	89.9014	-809.2	OJC	9.27	1.02	1.22	0.0	0.0	7.599	1484.	35.	1.	755.5	32.3	1
2724	0	400	37.3674	89.9021	-812.0	OJC	8.70	2.15	1.06	0.247	2.035	8.243	1432.	43.	0.	755.5	32.5	1
2725	0	380	37.3673	89.9028	-808.2	OJC	9.28	2.03	1.29	0.218	1.569	7.191	1492.	42.	0.	755.5	32.5	1
2726	0	376	37.3673	89.9035	-806.5	OJC	8.25	1.92	1.23	0.232	1.555	6.694	1545.	36.	0.	756.1	32.5	1
2727	0	376	37.3673	89.9043	-808.2	OJC	6.22	1.69	1.21	0.272	1.397	5.129	1469.	56.	0.	756.1	32.5	1
2728	0	352	37.3673	89.9049	-806.0	OJC	6.93	2.09	1.29	0.301	1.618	5.367	1429.	46.	0.	755.0	32.4	1
2729	0	356	37.3673	89.9056	-800.7	OJC	7.25	2.26	0.91	0.312	2.482	7.959	1332.	42.	0.	754.5	32.4	1
2730	0	380	37.3673	89.9064	-800.7	OJC	5.98	3.15	0.91	0.526	3.465	6.589	1320.	49.	0.	754.5	32.4	
2731	0	412	37.3673	89.9070	-798.5	OJC	5.90	2.94	0.91	0.499	3.217	6.453	1413.	43.	0.	754.0	32.2	1
2732	10	444	37.3673	89.9078	-795.7	OJC	6.39	0.48	1.23	0.0	0.0	5.179	1399.	45.	4.	754.0	32.1	1
2733	0	464	37.3673	89.9084	-796.5	OJC	7.51	2.65	1.15	0.353	2.306	6.525	1333.	52.	2.	753.0	32.2	1
2734	0	468	37.3673	89.9091	-796.5	OJC	5.21	2.69	1.14	0.516	2.363	4.575	1333.	44.	4.	753.0	32.2	1
2735	10	476	37.3673	89.9099	-792.5	OJC	4.40	0.97	1.18	0.0	0.0	3.744	1241.	43.	8.	754.5	32.2	1
2736	0	476	37.3673	89.9106	-790.2	OJC	4.59	2.04	0.97	0.445	2.106	4.732	1251.	38.	9.	755.5	32.3	1
2737	10	472	37.3673	89.9112	-788.0	OJC	5.74	1.03	1.06	0.0	0.0	5.418	1298.	41.	7.	754.5	32.2	1
2738	0	468	37.3673	89.9119	-779.2	OJC	5.20	1.92	0.92	0.369	2.078	5.629	1327.	51.	7.	754.5	32.2	1
2739	0	460	37.3673	89.9127	-776.2	OJC	6.13	2.24	1.13	0.365	1.976	5.414	1373.	42.	5.	755.0	32.2	1
2740	0	444	37.3673	89.9134	-780.2	OJC	6.53	2.29	0.92	0.351	2.496	7.108	1325.	44.	4.	755.0	32.2	1
2741	0	424	37.3672	89.9141	-781.5	OJC	6.21	2.23	1.09	0.359	2.037	5.681	1431.	37.	0.	755.0	32.2	1
2742	0	412	37.3672	89.9148	-776.5	OJC	7.05	2.34	0.88	0.332	2.648	7.975	1388.	45.	0.	755.0	32.2	1
2743	0	400	37.3672	89.9155	-771.0	OJC	5.47	2.18	1.24	0.398	1.753	4.400	1422.	43.	2.	756.1	32.3	1
2744	0	388	37.3672	89.9162	-768.0	OJC	6.18	3.05	1.14	0.494	2.680	5.428	1392.	39.	0.	755.5	32.4	1
2745	0	372	37.3672	89.9169	-772.2	OJC	7.49	2.54	1.12	0.339	2.274	6.698	1432.	45.	0.	754.5	32.4	1
2746	0	332	37.3672	89.9175	-770.7	OJC	6.03	1.68	1.16	0.279	1.448	5.196	1283.	49.	0.	755.0	32.4	1
2747	0	320	37.3672	89.9182	-758.5	OJC	7.68	2.15	0.88	0.280	2.455	8.764	1361.	28.	0.	755.0	32.3	1
2748	0	308	37.3672	89.9190	-760.5	OJC	5.95	1.34	1.03	0.224	1.291	5.755	1237.	47.	0.	754.5	32.3	1
2749	0	320	37.3672	89.9197	-767.2	OJC	5.29	2.07	0.97	0.391	2.140	5.471	1251.	31.	0.	754.5	32.3	1
2750	0	308	37.3672	89.9203	-761.2	OJC	5.27	1.29	1.03	0.246	1.257	5.120	1234.	37.	0.	753.5	32.3	1
2751	10	296	37.3672	89.9211	-762.0	OJC	6.03	0.84	1.03	0.0	0.0	5.852	1220.	40.	0.	753.5	32.3	1
2752	0	304	37.3672	89.9218	-765.0	OJC	4.79	1.73	0.75	0.360	2.311	6.414	1225.	53.	0.	753.5	32.3	1
2753	0	284	37.3672	89.9225	-756.0	OJC	4.44	2.12	0.89	0.478	2.381	4.976	1190.	34.	1.	753.5	32.3	1
2754	0	280	37.3672	89.9232	-754.0	OJC	4.89	3.87	0.90	0.793	4.328	5.458	1340.	36.	0.	754.0	32.3	1
2755	0	300	37.3672	89.9239	-756.5	OJC	6.30	1.88	0.98	0.298	1.906	6.401	1331.	49.	0.	754.0	32.2	1
2756	0	296	37.3672	89.9246	-755.0	OJC	6.12	1.95	0.82	0.319	2.394	7.505	1311.	34.	0.	753.5	32.2	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2757	0	316	37.3672	89.9253	-759.7	OJC	6.96	2.99	0.72	0.430	4.179	9.729	1221.	33.	0.	753.5	32.2	1
2758	0	312	37.3672	89.9260	-761.0	OJC	7.10	2.01	0.55	0.284	3.680	12.961	1014.	42.	1.	753.5	32.2	1
2759	0	316	37.3672	89.9267	-756.0	OJC	4.51	1.45	0.74	0.322	1.964	6.103	1068.	41.	2.	754.5	32.2	1
2760	0	340	37.3671	89.9274	-758.2	OJC	4.99	2.12	0.70	0.426	3.038	7.134	1097.	50.	0.	755.0	32.2	1
2761	0	352	37.3671	89.9282	-757.2	OJC	5.55	1.32	0.99	0.237	1.329	5.610	1112.	43.	0.	754.0	32.2	1
2762	0	360	37.3671	89.9288	-756.0	OJC	5.11	2.29	0.75	0.448	3.069	6.849	1153.	38.	1.	754.0	32.2	1
2763	0	380	37.3671	89.9295	-752.7	OJC	5.73	1.50	0.78	0.262	1.919	7.329	1111.	38.	0.	753.0	32.1	1
2764	0	380	37.3671	89.9302	-747.7	OJC	6.33	1.41	0.89	0.223	1.579	7.097	1169.	43.	0.	751.4	32.1	1
2765	10	392	37.3671	89.9309	-754.2	OJC	7.02	0.93	0.84	0.0	0.0	8.321	1139.	31.	0.	751.4	32.0	1
2766	0	384	37.3671	89.9317	-758.2	OJC	4.83	2.15	0.51	0.445	4.203	9.449	971.	49.	0.	751.4	32.0	1
2767	0	432	37.3671	89.9324	-752.2	OJC	5.17	3.01	0.65	0.582	4.625	7.946	1063.	45.	0.	751.4	32.0	1
2768	10	440	37.3670	89.9330	-752.5	OJC	4.86	0.89	0.75	0.0	0.0	6.508	1094.	32.	3.	751.4	31.9	1
2769	0	396	37.3670	89.9337	-752.0	OJC	4.61	1.27	0.62	0.276	2.068	7.480	976.	41.	2.	751.9	31.9	1
2770	10	380	37.3670	89.9344	-746.2	OJC	3.55	0.76	0.68	0.0	0.0	5.186	913.	42.	4.	753.0	31.8	1
2771	0	380	37.3670	89.9352	-751.2	OJC	2.94	2.79	0.45	0.952	6.258	6.575	898.	52.	1.	753.0	31.8	1
2772	0	388	37.3670	89.9358	-748.5	OJC	5.30	1.15	0.68	0.217	1.703	7.840	877.	30.	1.	751.9	31.9	1
2773	10	444	37.3670	89.9366	-742.5	OJC	5.37	1.28	0.35	0.0	0.0	15.220	837.	58.	1.	750.4	31.8	1
2774	0	484	37.3670	89.9373	-745.5	OJC	4.74	2.70	0.29	0.569	9.246	16.251	804.	48.	0.	750.4	31.9	1
2775	10	508	37.3670	89.9380	-741.5	OJC	6.23	0.24	0.54	0.0	0.0	11.583	910.	58.	0.	750.9	31.9	1
2776	10	460	37.3670	89.9386	-739.7	OJC	4.06	0.45	0.54	0.0	0.0	7.572	840.	34.	5.	751.9	31.9	1
2777	0	448	37.3670	89.9393	-741.0	OJC	3.23	2.08	0.57	0.643	3.623	5.639	910.	35.	4.	753.0	31.9	1
2778	10	472	37.3670	89.9400	-731.7	OJC	5.33	-0.13	0.85	0.0	0.0	6.245	944.	35.	5.	753.0	31.8	1
2779	0	492	37.3670	89.9408	-730.7	OJC	6.27	1.72	0.53	0.274	3.253	11.884	935.	46.	1.	753.0	31.7	1
2780	10	536	37.3670	89.9415	-738.7	OJC	4.51	1.49	0.53	0.0	0.0	8.546	998.	43.	4.	753.5	31.7	1
2781	0	540	37.3670	89.9421	-736.7	OJC	3.31	3.56	0.64	1.075	5.594	5.203	1019.	52.	2.	752.4	31.6	1
2782	0	532	37.3670	89.9429	-732.5	OJC	5.76	1.71	0.82	0.296	2.069	6.981	1083.	35.	0.	751.9	31.7	1
2783	0	528	37.3670	89.9435	-729.5	OJC	6.21	1.73	0.80	0.279	2.168	7.773	1160.	37.	0.	751.9	31.7	1
2784	0	520	37.3669	89.9443	-727.5	OJC	4.26	2.04	1.13	0.479	1.809	3.776	1153.	41.	0.	751.9	31.7	1
2785	0	512	37.3669	89.9450	-729.7	OJC	4.44	2.56	0.77	0.576	3.336	5.794	1113.	46.	0.	751.9	31.8	1
2786	10	468	37.3669	89.9457	-730.7	OJC	6.64	1.28	0.73	0.0	0.0	9.145	1138.	48.	0.	752.4	31.8	1
2787	0	440	37.3669	89.9464	-728.7	OJC	5.42	2.00	0.73	0.369	2.738	7.418	1040.	46.	0.	753.5	31.8	1
2788	10	428	37.3669	89.9471	-724.7	OJC	5.32	0.81	0.62	0.0	0.0	8.583	947.	43.	0.	754.5	31.8	1
2789	0	408	37.3669	89.9478	-718.2	OJC	4.76	1.53	0.54	0.321	2.807	8.754	884.	52.	0.	753.5	31.8	1
2790	0	400	37.3669	89.9485	-717.2	OJC	2.86	2.72	0.65	0.951	4.180	4.397	909.	52.	0.	751.9	31.8	1
2791	0	396	37.3669	89.9492	-718.7	OJC	4.18	2.57	0.47	0.615	5.465	8.891	963.	36.	0.	751.9	31.8	1
2792	0	372	37.3669	89.9499	-717.7	OJC	5.10	1.57	0.63	0.307	2.490	8.102	885.	45.	0.	751.9	31.9	1
2793	0	352	37.3669	89.9506	-718.2	OJC	3.52	3.35	0.45	0.953	7.528	7.902	949.	38.	0.	751.4	31.8	1
2794	0	356	37.3669	89.9513	-714.5	OJC	4.08	1.24	0.55	0.303	2.247	7.416	902.	39.	0.	751.4	31.8	1
2795	0	368	37.3669	89.9520	-709.7	OJC	3.56	2.17	0.69	0.608	3.141	5.165	915.	38.	0.	751.4	31.7	1
2796	0	368	37.3669	89.9527	-710.5	OJC	4.97	2.13	0.35	0.428	6.093	14.235	908.	43.	0.	751.9	31.7	1
2797	0	400	37.3669	89.9535	-706.2	OJC	4.99	1.83	0.42	0.366	4.340	11.845	1018.	29.	0.	753.0	31.6	1
2798	0	392	37.3669	89.9541	-704.2	OJC	6.61	1.63	0.34	0.246	4.770	19.354	867.	62.	0.	753.0	31.6	1
2799	10	388	37.3669	89.9548	-707.7	OJC	4.70	1.12	0.64	0.0	0.0	7.352	984.	48.	2.	754.0	31.7	1
2800	0	392	37.3669	89.9555	-705.5	OJC	3.33	3.32	0.67	0.997	4.942	4.955	1021.	34.	0.	754.5	31.7	1
2801	10	392	37.3668	89.9562	-706.2	OJC	5.70	1.30	0.53	0.0	0.0	10.673	1052.	45.	9.	753.5	31.7	1
2802	0	376	37.3668	89.9569	-704.5	OJC	4.67	1.84	0.58	0.394	3.141	7.980	1030.	39.	6.	752.4	31.7	1
2803	0	368	37.3668	89.9576	-695.5	OJC	5.09	1.84	0.52	0.362	3.527	9.743	1074.	43.	6.	751.9	31.7	1
2804	10	348	37.3668	89.9583	-699.2	OJC	5.38	0.62	0.65	0.0	0.0	8.331	1024.	44.	6.	751.9	31.6	1
2805	0	328	37.3668	89.9590	-704.7	OJC	6.16	2.53	0.47	0.411	5.347	13.003	1083.	38.	2.	752.4	31.6	1
2806	0	332	37.3668	89.9598	-702.2	OJC	4.71	1.94	0.63	0.413	3.079	7.460	1140.	34.	0.	752.4	31.6	1
2807	0	344	37.3668	89.9604	-699.5	OJC	4.78	1.65	0.79	0.345	2.088	6.061	1145.	39.	0.	753.0	31.5	1
2808	0	336	37.3668	89.9611	-697.0	OJC	6.11	2.00	0.80	0.328	2.505	7.635	1123.	44.	0.	754.0	31.5	1
2809	0	328	37.3668	89.9619	-700.0	OJC	5.90	2.01	0.80	0.341	2.521	7.392	1155.	30.	0.	754.0	31.5	1

CP 9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2810	0	320	37.3668	89.9626	-702.5		OJC	3.91	4.41	0.70	1.127	6.299	5.590	1258.	44.	0.	754.0	31.5	1
2811	0	308	37.3668	89.9632	-699.0		OJC	6.36	2.31	0.76	0.364	3.041	8.359	1317.	47.	0.	754.0	31.5	1
2812	0	300	37.3668	89.9639	-692.7		OJC	5.34	2.38	0.85	0.447	2.819	6.313	1301.	59.	0.	752.4	31.6	1
2813	0	292	37.3668	89.9647	-695.0		OJC	4.79	1.61	0.62	0.336	2.589	7.699	1110.	42.	0.	751.4	31.5	1
2814	0	316	37.3668	89.9653	-702.0		OJC	5.49	2.43	0.43	0.443	5.612	12.679	953.	43.	0.	751.4	31.7	1
2815	0	352	37.3667	89.9661	-704.5		OJC	4.92	1.39	0.36	0.283	3.921	13.838	857.	31.	4.	751.4	31.7	1
2816	10	376	37.3667	89.9667	-700.0		OJC	4.39	0.57	0.40	0.0	0.0	11.071	869.	43.	8.	751.4	31.8	1
2817	10	380	37.3667	89.9674	-696.0		OJC	3.88	0.38	0.62	0.0	0.0	6.270	862.	45.	7.	752.4	31.8	1
2818	0	344	37.3667	89.9682	-694.7		OJC	4.62	2.08	0.25	0.450	8.476	18.825	815.	53.	7.	753.0	31.8	1
2819	10	320	37.3667	89.9689	-699.7		OJC	5.82	1.04	0.44	0.0	0.0	13.194	890.	42.	6.	753.0	31.8	1
2820	0	312	37.3667	89.9696	-704.5		OJC	4.63	1.61	0.46	0.348	3.482	10.010	891.	36.	2.	754.0	31.9	1
2821	0	324	37.3667	89.9703	-703.5		OJC	3.77	1.07	0.53	0.284	2.035	7.178	885.	29.	5.	753.5	31.9	1
2822	0	336	37.3667	89.9710	-700.2		OJC	5.37	1.97	0.53	0.368	3.739	10.173	842.	39.	0.	751.4	31.8	1
2823	0	352	37.3667	89.9717	-696.5		OJC	3.56	3.05	0.49	0.857	6.290	7.337	882.	50.	0.	750.4	31.8	1
2824	0	360	37.3667	89.9724	-696.0		OJC	4.48	1.19	0.48	0.265	2.473	9.345	882.	41.	0.	750.9	31.8	1
2825	0	352	37.3667	89.9731	-698.0		OJC	3.94	1.59	0.52	0.404	3.060	7.573	860.	37.	0.	751.9	31.8	1
2826	0	360	37.3667	89.9738	-698.2		OJC	4.14	2.53	0.36	0.610	7.046	11.544	871.	40.	0.	753.0	31.7	1
2827	0	400	37.3667	89.9745	-694.2		OJC	2.41	1.62	0.56	0.673	2.894	4.302	832.	38.	0.	753.5	31.7	1
2828	0	436	37.3667	89.9752	-691.5		OJC	3.31	3.66	0.46	1.107	7.900	7.138	928.	39.	0.	753.5	31.8	1
2829	10	476	37.3667	89.9759	-690.7		OJC	4.08	0.16	0.80	0.0	0.0	5.116	993.	48.	0.	753.5	31.8	1
2830	0	504	37.3667	89.9766	-686.5		OJC	3.51	3.05	0.60	0.868	5.064	5.832	1141.	44.	0.	751.4	31.8	1
2831	0	524	37.3667	89.9773	-684.5		OJC	6.44	2.81	0.67	0.436	4.200	9.627	1151.	42.	0.	750.4	31.7	1
2832	0	532	37.3667	89.9780	-686.0		OJC	6.33	2.72	0.88	0.430	3.073	7.155	1165.	38.	0.	751.4	31.7	1
2833	0	544	37.3667	89.9787	-681.7		OJC	4.20	2.39	0.81	0.569	2.961	5.200	1185.	30.	0.	751.4	31.6	1
2834	10	544	37.3667	89.9794	-673.2		OJC	7.66	0.48	0.87	0.0	0.0	8.758	1275.	39.	0.	751.4	31.6	1
2835	0	540	37.3667	89.9801	-680.5		OJC	7.04	4.07	0.87	0.579	4.656	8.047	1325.	31.	0.	752.4	31.5	1
2836	10	536	37.3666	89.9808	-678.2		OJC	7.31	1.58	1.02	0.0	0.0	7.135	1267.	47.	0.	753.5	31.6	1
2837	0	528	37.3666	89.9815	-676.7		OJC	7.86	3.16	0.85	0.403	3.710	9.213	1333.	38.	0.	753.5	31.5	1
2838	0	516	37.3666	89.9822	-672.7		OJC	7.83	2.44	0.84	0.312	2.904	9.298	1306.	35.	0.	751.4	31.6	1
2839	10	500	37.3666	89.9829	-666.0		OJC	6.34	1.30	0.98	0.0	0.0	6.437	1183.	54.	0.	750.4	31.6	1
2840	0	480	37.3666	89.9837	-666.5		OJC	7.61	1.71	0.79	0.225	2.169	9.625	1235.	38.	0.	751.4	31.6	1
2841	0	456	37.3666	89.9844	-667.5		OJC	6.70	2.17	0.69	0.325	3.150	9.700	1158.	39.	0.	752.4	31.6	1
2842	0	444	37.3666	89.9850	-660.5		OJC	5.71	2.59	0.79	0.454	3.289	7.247	1116.	46.	0.	752.4	31.7	1
2843	0	416	37.3666	89.9857	-659.0		OJC	4.87	1.55	0.97	0.319	1.602	5.028	1179.	37.	0.	753.5	31.6	1
2844	10	412	37.3666	89.9864	-655.2		OJC	5.87	1.15	0.94	0.0	0.0	6.223	1175.	36.	1.	753.0	31.7	1
2845	0	396	37.3666	89.9872	-652.7		OR-2	6.09	2.91	0.96	0.478	3.041	6.356	1333.	39.	0.	751.4	31.7	1
2846	10	384	37.3666	89.9878	-653.5		OR-2	6.16	1.13	0.88	0.0	0.0	6.984	1316.	29.	0.	750.4	31.8	1
2847	0	376	37.3666	89.9885	-651.2		OR-2	5.31	3.61	0.81	0.680	4.480	6.591	1345.	30.	0.	750.4	31.8	1
2848	0	372	37.3665	89.9892	-647.5		OR-2	7.23	1.91	0.94	0.264	2.027	7.673	1351.	41.	0.	750.4	31.8	1
2849	0	364	37.3665	89.9900	-643.2		OR-2	9.35	1.91	1.05	0.204	1.818	8.923	1544.	36.	0.	751.4	31.8	1
2850	0	356	37.3665	89.9906	-639.5		OR-2	6.89	2.93	0.89	0.426	3.294	7.733	1481.	40.	0.	753.0	31.8	1
2851	0	356	37.3665	89.9913	-638.7		OR-2	8.71	1.40	0.85	0.161	1.652	10.293	1466.	54.	0.	753.0	31.8	1
2852	0	356	37.3665	89.9920	-637.7		OR-2	6.58	3.01	1.05	0.457	2.870	6.280	1544.	42.	0.	751.9	31.8	1
2853	0	348	37.3665	89.9928	-636.7		OR-2	7.61	3.49	1.05	0.458	3.333	7.271	1515.	36.	0.	751.9	31.8	1
2854	0	352	37.3665	89.9935	-636.5		OR-2	8.74	2.49	0.85	0.285	2.915	10.240	1496.	38.	0.	750.9	31.8	1
2855	0	364	37.3665	89.9942	-635.5		OR-2	7.90	2.85	0.91	0.361	3.122	8.654	1443.	31.	0.	750.4	31.7	1
2856	0	368	37.3665	89.9949	-635.2		OR-2	5.59	2.36	0.86	0.422	2.749	6.508	1230.	52.	0.	751.4	31.7	1
2857	10	372	37.3665	89.9956	-634.7		OR-2	6.44	1.11	0.72	0.0	0.0	8.973	1172.	50.	1.	752.4	31.7	1
2858	0	380	37.3665	89.9963	-633.5		OR-2	5.57	2.61	0.73	0.469	3.576	7.627	1137.	38.	0.	753.0	31.7	1
2859	0	388	37.3665	89.9969	-629.2		OR-1	5.19	1.72	0.84	0.331	2.047	6.186	1150.	29.	3.	753.0	31.7	1
2860	0	372	37.3665	89.9977	-623.7		OR-1	3.70	1.22	0.61	0.331	1.996	6.029	1103.	51.	5.	753.0	31.6	1
2861	10	356	37.3665	89.9984	-623.0		OR-1	5.42	-0.07	1.07	0.0	0.0	5.064	1078.	50.	4.	751.4	31.7	1
2862	0	356	37.3665	89.9991	-621.2		OR-1	4.96	2.66	0.56	0.536	4.713	8.799	1074.	48.	5.	750.4	31.7	1

CP 9 IP 12

FLIGHT LINE 8 DAY 169 REDUCED DATA TEX-KENT 1979 PADUCAH PAGE NO 426

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2863	0	360	37.3665	89.9997	-621.0	OR-1	5.76	1.87	0.58	0.324	3.210	9.894	985.	45.	3.	750.4	31.7	1

CP 9 IP 12

CP 9 IP 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1	10	476	37.2844	89.9991	-531.7	OJC	3.78	1.06	0.51	0.0	0.0	7.459	906.	50.	1.	751.4	31.8	1
2	10	540	37.2842	89.9984	-530.2	OJC	4.14	1.35	0.98	0.0	0.0	4.209	1126.	39.	2.	751.4	31.8	1
3	0	580	37.2841	89.9977	-529.7	OJC	4.74	2.97	0.63	0.626	4.681	7.483	1042.	44.	0.	749.9	31.8	1
4	0	504	37.2841	89.9969	-529.7	OJC	2.81	2.13	0.66	0.759	3.249	4.283	939.	46.	2.	750.4	31.8	1
5	0	464	37.2840	89.9962	-529.2	OJC	2.92	2.77	0.45	0.950	6.141	6.467	795.	51.	1.	750.9	31.8	1
6	1	432	37.2839	89.9954	-529.2	OJC	4.05	2.68	0.17	0.661	0.0	0.0	781.	53.	0.	750.4	31.8	1
7	0	420	37.2838	89.9947	-529.0	OJC	4.57	1.91	0.53	0.419	3.613	8.627	899.	48.	0.	750.4	31.8	1
8	0	436	37.2838	89.9939	-529.0	OJC	3.84	1.72	0.61	0.448	2.803	6.252	923.	34.	0.	750.4	31.8	1
9	0	472	37.2837	89.9932	-527.5	OJC	4.08	1.30	0.56	0.318	2.295	7.224	959.	29.	0.	750.4	31.8	1
10	0	472	37.2836	89.9924	-527.7	OJC	4.48	1.49	0.59	0.332	2.517	7.585	894.	45.	0.	750.9	31.8	1
11	10	500	37.2835	89.9917	-527.7	OJC	3.96	1.30	0.71	0.0	0.0	5.577	973.	42.	0.	750.4	31.8	1
12	0	512	37.2835	89.9909	-528.5	OJC	4.16	1.86	0.81	0.447	2.293	5.133	1055.	35.	2.	750.4	31.8	1
13	10	472	37.2834	89.9901	-527.5	OJC	6.87	1.22	0.66	0.0	0.0	10.373	1022.	53.	0.	750.9	31.8	1
14	10	472	37.2833	89.9893	-527.5	OJC	6.67	-0.00	0.75	0.0	0.0	8.914	1126.	36.	6.	750.9	31.8	1
15	0	504	37.2832	89.9886	-527.5	OJC	5.75	2.18	0.65	0.380	3.374	8.886	1172.	35.	3.	751.4	31.9	1
16	0	536	37.2832	89.9879	-528.0	OJC	3.03	3.78	0.89	1.247	4.231	3.393	1250.	38.	5.	750.9	31.9	1
17	0	552	37.2830	89.9871	-527.5	OJC	7.18	2.98	0.76	0.415	3.930	9.470	1298.	33.	0.	750.4	31.9	1
18	0	556	37.2830	89.9864	-528.7	OJC	5.97	2.82	0.78	0.472	3.593	7.606	1283.	33.	0.	749.9	32.0	1
19	0	552	37.2829	89.9856	-528.2	OJC	6.19	2.21	0.92	0.356	2.400	6.737	1367.	39.	0.	750.9	32.0	1
20	0	560	37.2828	89.9849	-528.0	OJC	6.69	2.19	1.12	0.328	1.952	5.953	1280.	45.	0.	752.4	32.1	1
21	10	560	37.2827	89.9841	-529.0	OJC	6.09	1.41	1.24	0.0	0.0	4.911	1296.	41.	0.	751.9	32.1	1
22	0	556	37.2827	89.9834	-528.5	OJC	8.07	3.00	0.84	0.372	3.562	9.572	1364.	43.	0.	751.9	32.1	1
23	0	536	37.2825	89.9826	-528.0	OJC	6.09	3.87	0.94	0.636	4.101	6.451	1324.	32.	0.	753.0	32.2	1
24	0	524	37.2825	89.9819	-525.7	OJC	4.77	3.42	1.09	0.718	3.143	4.379	1270.	46.	0.	751.9	32.2	1
25	10	504	37.2824	89.9811	-524.0	OJC	7.20	0.50	1.06	0.0	0.0	6.818	1371.	37.	3.	753.5	32.2	1
26	10	480	37.2823	89.9803	-521.7	OJC	9.24	-0.33	1.25	0.0	0.0	7.418	1307.	36.	4.	754.0	32.3	1
27	0	468	37.2822	89.9796	-521.2	OJC	4.08	3.17	0.93	0.778	3.407	4.381	1208.	48.	6.	753.0	32.3	1
28	0	464	37.2822	89.9789	-523.0	OJC	4.85	1.94	0.76	0.400	2.545	6.359	1192.	43.	9.	754.5	32.4	1
29	10	456	37.2821	89.9780	-522.2	OJC	6.89	0.71	0.74	0.0	0.0	9.325	1138.	30.	6.	753.5	32.4	1
30	10	492	37.2820	89.9773	-522.2	OJC	6.92	1.61	0.72	0.0	0.0	9.656	1149.	51.	6.	751.9	32.4	1
31	0	456	37.2819	89.9766	-520.5	OJC	3.35	1.34	0.84	0.401	1.600	3.991	1095.	43.	2.	755.0	32.4	1
32	10	408	37.2819	89.9759	-518.0	OJC	7.12	1.06	0.89	0.0	0.0	8.038	1013.	42.	0.	755.0	32.4	1
33	0	428	37.2818	89.9751	-516.2	OJC	6.10	1.73	0.63	0.284	2.753	9.701	1166.	36.	2.	753.0	32.4	1
34	0	448	37.2817	89.9743	-516.5	OJC	7.35	1.54	0.92	0.209	1.676	8.005	1347.	41.	2.	755.0	32.4	1
35	10	436	37.2816	89.9736	-512.2	OJC	7.17	1.42	0.91	0.0	0.0	7.905	1268.	41.	5.	755.0	32.4	1
36	10	420	37.2816	89.9728	-511.0	OJC	6.65	0.97	1.02	0.0	0.0	6.510	1359.	37.	3.	754.0	32.4	1
37	0	456	37.2814	89.9721	-510.2	OJC	7.18	2.77	1.05	0.386	2.638	6.828	1452.	42.	0.	755.0	32.5	1
38	10	456	37.2814	89.9713	-509.0	OJC	8.43	1.07	1.08	0.0	0.0	7.774	1468.	39.	5.	753.5	32.5	1
39	0	468	37.2813	89.9706	-505.2	OJC	7.66	2.27	1.17	0.296	1.932	6.529	1577.	34.	4.	753.5	32.5	1
40	0	468	37.2812	89.9698	-503.2	OJC	8.44	3.18	0.79	0.376	4.043	10.741	1505.	46.	5.	755.0	32.5	1
41	0	480	37.2811	89.9691	-501.5	OJC	6.55	1.90	1.44	0.289	1.313	4.541	1570.	42.	3.	753.0	32.4	1
42	0	504	37.2811	89.9682	-498.5	OJC	8.52	2.30	0.92	0.269	2.491	9.245	1598.	27.	0.	753.5	32.4	1
43	0	508	37.2810	89.9675	-496.5	OJC	7.23	2.97	0.97	0.410	3.067	7.474	1532.	47.	0.	755.5	32.4	1
44	0	508	37.2809	89.9668	-493.2	OJC	4.90	4.73	1.16	0.966	4.073	4.218	1454.	46.	0.	753.5	32.4	1
45	0	492	37.2809	89.9660	-492.2	OJC	6.93	2.15	1.22	0.310	1.765	5.690	1445.	32.	0.	753.5	32.4	1
46	0	476	37.2808	89.9652	-490.2	OJC	5.35	3.24	0.86	0.606	3.784	6.249	1208.	39.	0.	755.5	32.4	1
47	0	456	37.2808	89.9645	-486.5	OJC	5.63	1.55	0.87	0.276	1.788	6.488	1193.	45.	0.	754.0	32.4	1
48	0	412	37.2808	89.9637	-484.7	OJC	4.93	2.24	0.43	0.454	5.211	11.483	919.	41.	0.	754.0	32.4	1
49	0	424	37.2808	89.9629	-484.5	OJC	4.29	1.18	0.71	0.274	1.648	6.008	1021.	26.	0.	756.1	32.4	1
50	10	436	37.2807	89.9621	-483.5	OJC	5.44	1.03	0.63	0.0	0.0	8.620	1015.	38.	3.	754.0	32.3	1
51	0	436	37.2807	89.9613	-481.5	OJC	4.28	2.23	0.59	0.521	3.797	7.289	998.	39.	3.	754.0	32.3	1
52	10	440	37.2807	89.9606	-480.0	OJC	4.10	1.28	0.67	0.0	0.0	6.141	1112.	38.	4.	755.0	32.3	1
53	10	460	37.2806	89.9598	-478.2	OJC	5.61	1.22	0.93	0.0	0.0	6.035	1105.	39.	5.	754.0	32.2	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
54	0	480	37.2806	89.9590	-476.0	OJC	4.34	2.28	0.63	0.526	3.620	6.883	1090.	37.	4.	753.0	32.3	1
55	0	536	37.2806	89.9582	-473.2	OJC	7.73	1.80	1.05	0.233	1.713	7.347	1217.	35.	3.	755.0	32.2	1
56	10	568	37.2805	89.9574	-472.5	OJC	5.35	1.66	1.23	0.0	0.0	4.357	1302.	34.	7.	754.0	32.2	1
57	10	576	37.2805	89.9566	-469.5	OJC	5.42	0.37	1.13	0.0	0.0	4.800	1348.	31.	6.	753.0	32.3	1
58	10	592	37.2805	89.9559	-467.0	OJC	7.57	0.28	1.04	0.0	0.0	7.243	1253.	36.	7.	754.0	32.3	1
59	0	608	37.2805	89.9552	-465.7	OJC	5.51	2.19	1.02	0.397	2.142	5.395	1273.	48.	5.	756.1	32.3	1
60	10	612	37.2804	89.9543	-463.0	OJC	7.09	-0.13	1.07	0.0	0.0	6.624	1248.	43.	3.	754.0	32.2	1
61	0	608	37.2804	89.9536	-459.2	OJC	5.80	2.44	0.79	0.421	3.069	7.291	1298.	38.	3.	753.5	32.2	1
62	0	600	37.2804	89.9527	-458.5	OJC	4.28	3.51	1.13	0.821	3.118	3.797	1323.	39.	0.	755.5	32.2	1
63	0	564	37.2803	89.9520	-455.2	OJC	5.42	2.03	1.11	0.375	1.826	4.872	1226.	38.	1.	754.5	32.2	1
64	0	500	37.2803	89.9512	-450.2	OJC	4.64	2.56	1.08	0.552	2.368	4.290	1112.	38.	0.	752.4	32.2	1
65	0	484	37.2803	89.9504	-448.0	OJC	5.27	1.61	0.69	0.305	2.339	7.659	1046.	37.	0.	755.5	32.2	1
66	10	480	37.2803	89.9497	-445.2	OJC	3.70	1.04	0.69	0.0	0.0	5.376	868.	42.	0.	755.5	32.2	1
67	0	476	37.2803	89.9489	-441.0	OJC	4.22	1.42	0.65	0.336	2.171	6.467	923.	31.	0.	752.4	32.2	1
68	0	484	37.2802	89.9481	-437.5	OJC	4.60	1.69	0.89	0.367	1.891	5.147	989.	44.	1.	753.5	32.3	1
69	10	496	37.2802	89.9473	-435.7	OJC	5.33	1.08	0.96	0.0	0.0	5.565	934.	47.	0.	755.5	32.2	1
70	0	504	37.2802	89.9465	-431.2	OJC	4.39	2.26	0.78	0.516	2.900	5.624	1026.	30.	1.	754.5	32.2	1
71	10	552	37.2802	89.9457	-426.7	OJC	6.37	1.05	0.72	0.0	0.0	8.880	1046.	33.	5.	753.5	32.2	1
72	10	604	37.2801	89.9449	-421.7	OJC	7.30	0.14	1.00	0.0	0.0	7.325	1151.	33.	0.	754.5	32.2	1
73	10	604	37.2801	89.9442	-418.7	OJC	5.92	1.47	0.84	0.0	0.0	7.073	1186.	35.	3.	754.5	32.0	1
74	0	604	37.2801	89.9434	-416.0	OJC	6.51	2.96	0.42	0.455	7.128	15.678	1180.	39.	0.	753.5	32.1	1
75	0	600	37.2800	89.9426	-411.7	OJC	6.19	2.41	0.55	0.390	4.418	11.337	1238.	43.	1.	754.0	32.1	1
76	0	600	37.2800	89.9418	-408.5	OJC	5.56	2.59	0.54	0.466	4.751	10.200	1224.	38.	0.	755.0	32.1	1
77	10	600	37.2800	89.9411	-405.2	OJC	5.41	1.69	1.39	0.0	0.0	3.900	1396.	31.	2.	754.0	32.1	1
78	0	600	37.2800	89.9402	-401.5	OJC	5.96	1.93	1.00	0.324	1.927	5.941	1307.	44.	5.	754.0	32.1	1
79	0	600	37.2799	89.9395	-397.7	OJC	7.75	2.87	0.81	0.371	3.553	9.586	1412.	44.	0.	756.1	32.1	1
80	0	600	37.2799	89.9386	-395.7	OJC	4.11	3.33	0.80	0.812	4.184	5.153	1339.	52.	2.	755.5	32.2	1
81	0	600	37.2799	89.9379	-394.5	OJC	6.03	3.51	1.25	0.582	2.818	4.842	1408.	40.	0.	753.5	32.1	1
82	0	600	37.2798	89.9372	-391.0	OJC	6.93	2.66	0.87	0.384	3.075	8.005	1437.	51.	3.	753.5	32.1	1
83	10	596	37.2798	89.9364	-387.2	OJC	5.51	0.02	1.04	0.0	0.0	5.319	1341.	51.	6.	755.5	32.1	1
84	0	592	37.2798	89.9356	-387.0	OJC	5.81	3.52	0.87	0.605	4.056	6.704	1441.	43.	5.	754.5	32.1	1
85	10	592	37.2798	89.9348	-384.5	OJC	6.65	0.83	1.26	0.0	0.0	5.261	1390.	40.	5.	753.5	32.1	1
86	0	592	37.2797	89.9340	-382.7	OJC	7.40	2.28	0.65	0.308	3.494	11.354	1357.	45.	5.	755.5	32.1	1
87	10	592	37.2797	89.9332	-381.7	OJC	9.17	0.54	1.09	0.0	0.0	8.384	1407.	42.	6.	756.1	32.2	1
88	0	592	37.2797	89.9325	-381.5	OJC	6.72	3.22	0.94	0.479	3.418	7.134	1438.	40.	2.	754.5	32.2	1
89	10	596	37.2797	89.9317	-380.2	OJC	7.26	1.80	1.01	0.0	0.0	7.157	1432.	47.	5.	754.5	32.2	1
90	0	600	37.2797	89.9309	-379.7	OJC	5.14	4.72	0.95	0.917	4.938	5.385	1479.	48.	1.	756.6	32.2	1
91	0	604	37.2796	89.9301	-379.7	OJC	6.14	1.98	0.91	0.323	2.171	6.725	1317.	48.	3.	755.5	32.2	1
92	10	604	37.2796	89.9293	-379.5	OJC	5.56	1.46	0.91	0.0	0.0	6.081	1255.	48.	1.	752.4	32.2	1
93	10	604	37.2796	89.9285	-379.7	OJC	7.08	1.78	1.20	0.0	0.0	5.904	1380.	36.	2.	753.5	32.3	1
94	0	604	37.2795	89.9278	-381.2	OJC	4.93	4.98	0.87	1.010	5.730	5.672	1253.	48.	0.	755.5	32.3	1
95	0	600	37.2795	89.9270	-382.0	OJC	3.66	2.20	1.01	0.600	2.169	3.615	1150.	34.	5.	755.0	32.3	1
96	0	604	37.2795	89.9262	-381.7	OJC	5.38	2.62	0.80	0.487	3.275	6.725	1277.	31.	1.	753.0	32.3	1
97	10	516	37.2794	89.9254	-383.2	OJC	5.35	1.38	0.95	0.0	0.0	5.654	1064.	45.	2.	754.0	32.3	1
98	0	460	37.2794	89.9247	-383.5	OJC	6.19	2.10	0.95	0.339	2.209	6.519	1160.	40.	1.	756.1	32.2	1
99	0	480	37.2794	89.9238	-383.5	OJC	3.57	2.77	0.66	0.776	4.190	5.402	1116.	49.	4.	755.5	32.2	1
100	0	508	37.2794	89.9231	-386.7	OJC	5.75	2.04	0.85	0.355	2.397	6.760	1300.	43.	6.	753.5	32.2	1
101	0	536	37.2793	89.9223	-387.2	OJC	7.02	3.45	0.86	0.491	3.991	8.123	1336.	46.	1.	754.5	32.2	1
102	10	536	37.2794	89.9215	-388.0	OJC	5.81	1.21	1.03	0.0	0.0	5.645	1344.	42.	5.	755.5	32.2	1
103	10	536	37.2793	89.9208	-390.2	OJC	6.45	0.78	1.29	0.0	0.0	4.989	1415.	40.	3.	754.5	32.2	1
104	0	552	37.2792	89.9199	-392.5	OJC	6.86	3.54	0.91	0.515	3.886	7.544	1418.	43.	6.	753.5	32.3	1
105	10	568	37.2792	89.9192	-393.5	OJC	7.06	1.62	1.26	0.0	0.0	5.603	1550.	41.	8.	755.0	32.3	1
106	10	588	37.2792	89.9184	-394.5	OJC	6.74	0.81	0.97	0.0	0.0	6.921	1488.	42.	8.	756.1	32.3	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
107	0	592	37.2792	89.9176	-396.0	OJC	9.19	2.30	0.88	0.250	2.628	10.499	1595.	36.	8.	754.5	32.3	1
108	0	592	37.2792	89.9168	-397.5	OJC	7.46	2.99	0.87	0.401	3.445	8.580	1423.	34.	6.	754.5	32.3	1
109	0	596	37.2791	89.9160	-399.7	OJC	4.97	4.44	0.96	0.894	4.607	5.156	1458.	30.	6.	756.6	32.3	1
110	0	592	37.2791	89.9153	-401.0	OJC	5.82	1.99	1.05	0.342	1.900	5.557	1305.	48.	5.	756.6	32.3	1
111	10	592	37.2791	89.9146	-401.2	OJC	8.66	1.43	0.91	0.0	0.0	9.530	1295.	43.	7.	754.5	32.4	1
112	0	588	37.2791	89.9137	-404.2	OJC	6.47	3.18	0.88	0.491	3.601	7.340	1378.	38.	8.	754.5	32.4	1
113	10	584	37.2790	89.9130	-405.2	OJC	7.03	-0.71	0.91	0.0	0.0	7.726	1372.	34.	11.	756.6	32.4	1
114	10	576	37.2790	89.9121	-406.0	OJC	6.53	1.28	0.87	0.0	0.0	7.517	1248.	44.	7.	758.1	32.4	1
115	10	568	37.2790	89.9114	-406.2	OJC	5.15	1.05	1.12	0.0	0.0	4.585	1211.	37.	5.	756.1	32.4	1
116	0	540	37.2789	89.9106	-409.0	OJC	4.86	2.30	0.69	0.473	3.317	7.020	1153.	41.	6.	754.0	32.4	1
117	0	524	37.2789	89.9099	-409.7	OJC	4.24	3.22	0.86	0.760	3.756	4.942	1240.	32.	3.	756.1	32.5	1
118	10	516	37.2789	89.9091	-411.2	OJC	6.85	1.45	0.86	0.0	0.0	7.916	1242.	41.	3.	758.1	32.5	1
119	10	508	37.2789	89.9083	-412.2	OJC	9.29	0.81	0.95	0.0	0.0	9.778	1390.	44.	2.	756.1	32.6	1
120	10	500	37.2788	89.9075	-415.0	OJC	7.61	1.35	1.28	0.0	0.0	5.947	1365.	45.	0.	755.5	32.7	1
121	0	492	37.2788	89.9067	-416.7	OJC	7.31	2.28	1.12	0.312	2.031	6.520	1407.	51.	0.	757.6	32.7	1
122	0	484	37.2788	89.9059	-417.0	OJC	5.19	3.02	1.12	0.581	2.695	4.638	1333.	51.	0.	757.6	32.8	1
123	0	484	37.2787	89.9051	-419.0	OJC	6.44	2.29	0.83	0.356	2.754	7.727	1376.	40.	2.	756.6	32.8	1
124	0	480	37.2787	89.9044	-420.2	OJC	10.35	2.97	0.83	0.287	3.562	12.405	1412.	35.	2.	755.5	32.8	1
125	0	476	37.2787	89.9036	-423.2	OJC	6.70	2.61	0.95	0.390	2.755	7.068	1450.	39.	4.	757.6	32.9	1
126	10	476	37.2787	89.9028	-426.5	OJC	6.28	1.44	1.08	0.0	0.0	5.798	1418.	60.	6.	758.7	32.8	1
127	0	476	37.2786	89.9020	-427.0	OJC	7.82	2.29	1.05	0.293	2.182	7.441	1478.	41.	1.	757.1	32.9	1
128	0	476	37.2786	89.9012	-427.2	OJC	8.37	1.53	0.95	0.183	1.615	8.833	1481.	33.	0.	756.1	32.9	1
129	10	476	37.2786	89.9004	-430.7	OJC	7.87	0.93	1.18	0.0	0.0	6.653	1416.	49.	4.	757.1	32.9	1
130	10	476	37.2785	89.8996	-433.0	OJC	7.35	0.81	1.17	0.0	0.0	6.268	1430.	44.	6.	758.1	32.9	1
131	0	476	37.2785	89.8989	-435.7	OJC	7.76	2.26	0.83	0.291	2.719	9.358	1416.	43.	2.	757.1	32.9	1
132	0	476	37.2785	89.8982	-439.5	OJC	8.21	2.16	1.25	0.263	1.720	6.543	1518.	43.	6.	756.1	32.9	1
133	0	476	37.2784	89.8973	-441.2	OJC	8.41	1.78	1.08	0.212	1.657	7.807	1432.	36.	5.	757.1	32.9	1
134	0	480	37.2785	89.8966	-444.0	OJC	7.10	2.85	1.10	0.401	2.579	6.432	1445.	50.	6.	758.7	32.9	1
135	0	484	37.2784	89.8957	-448.2	OJC	7.31	2.15	0.98	0.294	2.197	7.461	1458.	40.	2.	757.6	32.9	1
136	0	488	37.2784	89.8950	-450.5	OJC	4.58	3.21	1.23	0.702	2.616	3.728	1448.	35.	2.	756.6	32.9	1
137	0	492	37.2784	89.8942	-452.0	OJC	8.58	2.10	1.09	0.245	1.924	7.860	1414.	32.	2.	757.6	32.9	1
138	10	448	37.2783	89.8934	-455.5	OJC	5.94	0.94	1.07	0.0	0.0	5.550	1292.	44.	3.	758.7	32.8	1
139	0	416	37.2783	89.8927	-459.5	OJC	6.28	2.34	0.88	0.373	2.650	7.107	1217.	43.	0.	757.6	32.8	1
140	0	440	37.2782	89.8919	-461.7	OJC	8.26	2.78	0.85	0.337	3.256	9.673	1327.	31.	0.	755.5	32.8	1
141	0	432	37.2783	89.8911	-463.2	OJC	5.34	3.18	0.85	0.595	3.741	6.289	1296.	43.	0.	756.6	32.8	1
142	0	380	37.2782	89.8903	-466.7	OJC	6.13	2.38	1.01	0.389	2.367	6.082	1170.	45.	0.	758.7	32.8	1
143	0	384	37.2782	89.8895	-471.2	OJC	6.70	1.58	0.94	0.237	1.689	7.141	1199.	49.	0.	758.7	32.8	1
144	0	408	37.2782	89.8887	-474.2	OJC	5.52	1.91	1.01	0.346	1.897	5.481	1359.	35.	0.	756.6	32.8	1
145	0	452	37.2781	89.8879	-476.5	OJC	8.36	2.28	0.99	0.273	2.318	8.481	1453.	37.	0.	756.6	32.8	1
146	10	472	37.2781	89.8872	-480.7	OJC	7.31	1.46	1.37	0.0	0.0	5.333	1468.	42.	5.	758.7	32.8	1
147	0	468	37.2781	89.8864	-483.5	OJC	6.40	1.90	1.06	0.297	1.793	6.047	1453.	44.	3.	757.6	32.8	1
148	0	440	37.2781	89.8856	-485.7	OJC	5.81	3.06	0.96	0.527	3.185	6.043	1246.	37.	3.	756.6	32.8	1
149	0	420	37.2780	89.8848	-487.7	OJC	6.97	1.37	1.07	0.196	1.273	6.490	1253.	35.	1.	756.6	32.8	1
150	10	432	37.2780	89.8840	-489.0	OJC	3.66	0.98	1.07	0.0	0.0	3.426	1104.	43.	5.	758.7	32.8	1
151	0	428	37.2780	89.8832	-491.7	OJC	5.54	2.34	0.83	0.422	2.808	6.648	1175.	34.	1.	759.2	32.7	1
152	0	444	37.2779	89.8825	-494.2	OJC	6.43	2.19	0.65	0.341	3.347	9.822	1148.	48.	5.	757.1	32.7	1
153	0	464	37.2779	89.8817	-497.0	OJC	6.10	1.88	0.84	0.309	2.234	7.233	1166.	38.	6.	757.1	32.7	1
154	10	480	37.2779	89.8809	-498.7	OJC	5.67	1.09	0.85	0.0	0.0	6.670	1166.	34.	3.	758.1	32.7	1
155	0	448	37.2779	89.8802	-501.0	OJC	3.52	1.63	0.69	0.462	2.375	5.143	1093.	37.	7.	757.6	32.7	1
156	0	412	37.2778	89.8793	-501.5	OJC	3.29	2.62	0.78	0.796	3.356	4.215	1033.	42.	4.	756.6	32.7	1
157	10	348	37.2778	89.8786	-502.5	OJC	5.04	0.87	0.46	0.0	0.0	11.051	874.	39.	5.	756.1	32.7	1
158	10	324	37.2778	89.8778	-502.7	OJC	6.80	1.15	0.56	0.0	0.0	12.075	962.	55.	2.	757.1	32.7	1
159	0	312	37.2777	89.8770	-502.2	OJC	6.32	1.74	0.67	0.275	2.578	9.372	1000.	38.	0.	759.2	32.7	1

CP9 1P12

*	TAGS		* LOCATION		*		REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
160	0	328	37.2777	89.8763	-506.0	OJC	5.58	1.88	0.58	0.337	3.256	9.655	1091.	33.	1.	758.1	32.6	1
161	0	364	37.2777	89.8755	-509.5	OJC	7.05	2.13	0.50	0.302	4.256	14.088	1095.	29.	0.	755.0	32.7	1
162	10	352	37.2776	89.8747	-510.7	OJC	6.16	1.03	0.77	0.0	0.0	7.987	1093.	37.	5.	756.6	32.7	1
163	0	332	37.2777	89.8739	-511.7	OJC	6.25	1.20	0.96	0.193	1.250	6.491	1237.	44.	2.	758.7	32.7	1
164	0	332	37.2776	89.8731	-512.7	OJC	6.56	2.10	0.76	0.320	2.759	8.635	1245.	51.	0.	757.6	32.7	1
165	0	308	37.2776	89.8724	-515.0	OJC	4.58	1.55	0.63	0.339	2.456	7.241	1025.	32.	1.	756.6	32.7	1
166	0	304	37.2775	89.8716	-516.5	OJC	5.69	1.83	0.75	0.321	2.430	7.573	1089.	34.	2.	757.1	32.7	1
167	10	304	37.2776	89.8708	-518.5	OJC	5.59	0.29	0.90	0.0	0.0	6.234	1148.	33.	4.	758.1	32.7	1
168	0	328	37.2775	89.8701	-520.0	OJC	5.24	1.52	0.97	0.290	1.557	5.376	1286.	42.	0.	758.7	32.6	1
169	10	340	37.2775	89.8694	-522.7	OJC	6.88	0.71	1.11	0.0	0.0	6.192	1364.	44.	3.	757.6	32.7	1
170	0	368	37.2775	89.8687	-524.7	OJC	6.59	1.63	0.99	0.247	1.641	6.639	1336.	52.	3.	756.6	32.7	1
171	10	392	37.2775	89.8679	-526.7	OJC	7.32	0.96	1.04	0.0	0.0	7.051	1389.	40.	0.	757.6	32.7	1
172	0	416	37.2775	89.8672	-530.2	OJC	6.41	2.85	1.10	0.445	2.597	5.835	1492.	49.	1.	758.7	32.7	1
173	0	444	37.2775	89.8665	-531.2	OJC	6.09	2.27	1.36	0.373	1.676	4.493	1527.	39.	2.	758.7	32.7	1
174	0	468	37.2775	89.8658	-531.7	OJC	5.95	2.48	1.11	0.416	2.231	5.360	1561.	47.	4.	756.6	32.6	1
175	0	476	37.2775	89.8651	-534.7	OJC	7.23	3.04	1.21	0.420	2.520	5.994	1562.	44.	2.	756.6	32.6	1
176	0	476	37.2775	89.8644	-536.2	OJC	6.45	4.64	1.15	0.720	4.044	5.617	1581.	44.	3.	758.1	32.6	1
177	0	476	37.2775	89.8637	-538.7	OJC	6.27	2.29	1.13	0.365	2.020	5.541	1525.	39.	3.	758.1	32.6	1
178	0	480	37.2775	89.8629	-541.2	OJC	7.52	3.70	1.22	0.492	3.045	6.182	1509.	39.	0.	757.1	32.6	1
179	0	480	37.2775	89.8622	-541.5	OJC	5.19	1.61	1.45	0.311	1.115	3.588	1485.	26.	1.	756.6	32.7	1
180	0	488	37.2775	89.8615	-542.2	OJC	7.84	2.31	1.03	0.295	2.232	7.577	1487.	33.	0.	757.6	32.7	
181	10	492	37.2775	89.8608	-545.2	OJC	9.86	1.46	1.19	0.0	0.0	8.266	1440.	37.	0.	758.7	32.7	1
182	0	488	37.2775	89.8601	-548.0	OJC	7.70	3.40	0.96	0.442	3.536	8.008	1517.	36.	0.	758.7	32.6	1
183	0	492	37.2775	89.8594	-548.5	OJC	7.93	2.35	1.13	0.296	2.080	7.023	1473.	25.	0.	757.6	32.6	1
184	0	496	37.2774	89.8586	-550.7	OJC	5.81	3.40	0.99	0.586	3.446	5.880	1426.	29.	0.	757.6	32.6	1
185	0	500	37.2774	89.8579	-553.7	OJC	6.82	3.55	0.97	0.520	3.644	7.007	1421.	44.	0.	756.6	32.6	1
186	0	504	37.2774	89.8572	-555.5	OJC	5.81	2.40	1.15	0.413	2.092	5.061	1454.	40.	3.	756.6	32.6	1
187	0	488	37.2774	89.8565	-556.2	OJC	5.97	1.73	1.25	0.290	1.383	4.761	1400.	45.	2.	758.7	32.6	1
188	0	488	37.2774	89.8557	-558.2	OJC	9.69	2.24	1.16	0.231	1.925	8.319	1519.	40.	0.	758.7	32.5	1
189	0	496	37.2775	89.8550	-559.5	OJC	6.07	1.91	1.24	0.315	1.541	4.892	1443.	42.	6.	758.7	32.5	1
190	0	500	37.2774	89.8543	-559.5	OJC	6.96	2.14	1.16	0.307	1.838	5.977	1282.	48.	4.	758.7	32.5	1
191	10	500	37.2774	89.8536	-561.0	OJC	6.64	1.50	0.86	0.0	0.0	7.711	1249.	41.	5.	757.1	32.5	1
192	0	500	37.2774	89.8529	-562.5	OJC	7.23	3.30	0.88	0.457	3.746	8.195	1339.	33.	1.	756.1	32.5	1
193	0	496	37.2774	89.8521	-563.2	OJC	8.21	3.02	0.69	0.368	4.365	11.847	1384.	32.	3.	756.6	32.5	1
194	0	496	37.2774	89.8514	-562.7	OJC	5.72	1.81	0.96	0.316	1.888	5.967	1293.	28.	6.	757.6	32.5	1
195	0	500	37.2774	89.8507	-563.5	OJC	6.21	2.45	0.89	0.395	2.752	6.959	1417.	36.	5.	758.7	32.5	1
196	10	496	37.2774	89.8500	-564.7	OJC	6.75	1.19	1.25	0.0	0.0	5.394	1398.	36.	6.	758.7	32.4	1
197	0	496	37.2774	89.8493	-563.7	OJC	6.98	1.77	0.70	0.254	2.540	9.999	1388.	31.	6.	758.1	32.5	1
198	0	496	37.2774	89.8485	-564.7	OJC	4.83	2.61	0.90	0.540	2.882	5.336	1387.	35.	7.	759.2	32.5	1
199	0	492	37.2774	89.8478	-565.5	OJC	7.35	1.61	1.09	0.219	1.482	6.773	1410.	36.	5.	759.2	32.5	1
200	0	460	37.2774	89.8471	-566.0	OJC	5.86	1.52	1.06	0.259	1.435	5.535	1299.	35.	7.	759.2	32.5	1
201	0	444	37.2774	89.8464	-565.5	OJC	5.32	2.50	1.16	0.470	2.160	4.593	1267.	44.	3.	759.7	32.5	1
202	0	488	37.2774	89.8457	-567.0	OJC	7.36	1.69	1.02	0.229	1.659	7.237	1404.	41.	5.	759.7	32.5	1
203	0	488	37.2774	89.8450	-566.0	OJC	7.09	2.02	1.14	0.285	1.774	6.222	1480.	44.	7.	759.7	32.5	1
204	0	484	37.2774	89.8443	-567.0	OJC	7.52	2.98	0.84	0.397	3.552	8.947	1373.	35.	2.	759.7	32.5	1
205	10	480	37.2774	89.8435	-567.0	OJC	6.89	0.93	1.14	0.0	0.0	6.036	1435.	37.	6.	758.7	32.6	1
206	10	476	37.2773	89.8429	-567.5	OJC	7.09	0.84	1.18	0.0	0.0	6.027	1341.	48.	5.	758.7	32.6	1
207	10	476	37.2773	89.8421	-567.7	OJC	7.22	1.11	1.19	0.0	0.0	6.049	1386.	36.	2.	758.7	32.6	1
208	0	464	37.2773	89.8414	-567.2	OJC	4.79	3.00	1.12	0.625	2.670	4.270	1352.	41.	0.	758.7	32.6	1
209	0	468	37.2773	89.8407	-566.5	OJC	6.11	2.43	1.09	0.397	2.224	5.597	1407.	35.	0.	759.2	32.6	1
210	0	464	37.2773	89.8400	-568.0	OJC	7.33	2.83	1.07	0.386	2.629	6.816	1455.	48.	0.	759.2	32.6	1
211	0	460	37.2773	89.8393	-567.7	OJC	6.07	3.35	1.06	0.551	3.159	5.732	1421.	30.	0.	758.1	32.6	1
212	0	452	37.2773	89.8386	-568.0	OJC	7.15	1.51	1.03	0.211	1.469	6.971	1348.	39.	0.	758.7	32.6	1

CP 9 LP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
213	0	444	37.2773	89.8379	-567.2	OJC	6.47	2.81	0.92	0.434	3.053	7.035	1401.	42.	0.	759.7	32.7	1
214	0	412	37.2773	89.8371	-567.0	OJC	7.86	3.22	0.77	0.409	4.178	10.211	1288.	45.	2.	759.7	32.8	1
215	10	356	37.2773	89.8364	-566.5	OJC	6.31	1.08	0.72	0.0	0.0	8.734	1105.	38.	6.	759.7	32.8	1
216	0	340	37.2773	89.8357	-567.7	OJC	4.15	1.32	0.64	0.318	2.077	6.525	945.	40.	8.	759.7	32.9	1
217	10	340	37.2773	89.8350	-566.2	OJC	4.67	0.37	0.85	0.0	0.0	5.489	983.	45.	7.	759.7	32.9	1
218	0	340	37.2773	89.8343	-565.2	OJC	5.63	1.37	0.66	0.243	2.068	8.507	1053.	30.	5.	758.7	32.9	1
219	0	344	37.2773	89.8336	-566.0	OJC	5.01	1.97	0.60	0.393	3.289	8.376	1046.	43.	4.	758.7	32.9	1
220	0	332	37.2773	89.8329	-564.2	OJC	6.34	2.04	0.75	0.321	2.703	8.412	1045.	34.	0.	758.7	32.9	1
221	0	344	37.2773	89.8321	-563.0	OJC	5.55	1.87	0.86	0.337	2.174	6.452	1135.	35.	4.	758.7	32.8	1
222	0	396	37.2773	89.8314	-561.7	OJC	6.43	2.40	0.98	0.374	2.458	6.580	1361.	39.	0.	757.6	32.8	1
223	0	408	37.2772	89.8307	-561.5	OJC	7.04	3.45	1.22	0.491	2.842	5.793	1443.	47.	0.	756.6	32.8	1
224	0	420	37.2772	89.8300	-561.2	OJC	7.09	3.05	1.15	0.429	2.640	6.147	1434.	39.	0.	757.1	32.9	1
225	0	364	37.2772	89.8292	-559.5	OJC	4.62	2.81	0.88	0.608	3.180	5.227	1211.	36.	0.	758.1	32.9	1
226	0	320	37.2772	89.8285	-558.0	OJC	4.77	2.61	0.58	0.547	4.511	8.240	1046.	36.	0.	758.1	32.8	1
227	0	312	37.2772	89.8278	-557.7	OJC	3.31	1.77	0.95	0.535	1.855	3.469	1071.	36.	1.	759.2	32.8	1
228	0	340	37.2772	89.8271	-557.5	OJC	5.52	2.20	0.70	0.398	3.117	7.838	1100.	49.	0.	759.7	32.8	1
229	10	368	37.2772	89.8264	-555.2	OJC	4.55	0.76	1.02	0.0	0.0	4.438	1219.	35.	4.	758.7	32.8	1
230	0	372	37.2772	89.8257	-555.0	OJC	4.48	2.59	0.87	0.578	2.959	5.122	1171.	34.	0.	758.7	32.7	1
231	0	364	37.2772	89.8249	-552.5	OJC	5.58	2.16	0.59	0.388	3.670	9.463	1177.	45.	0.	758.7	32.7	1
232	0	336	37.2772	89.8242	-550.7	OJC	4.73	1.30	0.81	0.275	1.596	5.810	1076.	52.	0.	757.6	32.7	1
233	0	304	37.2772	89.8235	-549.5	OJC	4.79	1.98	0.65	0.413	3.024	7.324	1011.	37.	0.	757.6	32.7	1
234	0	296	37.2772	89.8227	-546.5	OJC	4.83	4.30	0.62	0.890	6.914	7.768	1178.	49.	0.	758.7	32.7	1
235	0	348	37.2772	89.8220	-544.7	OJC	7.20	1.93	0.96	0.268	2.015	7.521	1338.	49.	0.	757.6	32.7	1
236	0	376	37.2772	89.8213	-545.0	OJC	6.49	2.33	1.30	0.359	1.800	5.006	1512.	47.	0.	757.6	32.7	1
237	0	388	37.2772	89.8206	-542.0	OJC	8.84	2.95	1.31	0.334	2.253	6.738	1643.	39.	0.	758.7	32.7	1
238	0	380	37.2772	89.8199	-539.0	OJC	8.76	1.76	1.30	0.200	1.350	6.735	1659.	42.	0.	758.7	32.6	1
239	0	364	37.2771	89.8192	-536.2	OJC	7.80	1.46	1.15	0.188	1.274	6.782	1479.	45.	0.	758.7	32.6	1
240	0	364	37.2772	89.8185	-532.2	OJC	10.11	1.70	0.99	0.168	1.726	10.248	1399.	27.	1.	758.7	32.6	1
241	0	368	37.2772	89.8177	-531.0	OJC	4.60	2.61	1.25	0.567	2.083	3.674	1290.	41.	0.	758.7	32.6	1
242	0	352	37.2772	89.8170	-529.7	OJC	5.46	3.51	0.89	0.642	3.938	6.134	1258.	40.	0.	758.7	32.4	1
243	0	348	37.2772	89.8163	-526.7	OJC	5.13	2.33	0.73	0.454	3.173	6.994	1150.	45.	2.	757.6	32.5	1
244	0	364	37.2772	89.8156	-523.5	OJC	4.32	1.76	0.73	0.409	2.421	5.924	1114.	41.	5.	757.6	32.5	1
245	10	344	37.2771	89.8149	-522.0	OJC	4.36	0.92	0.87	0.0	0.0	5.010	1224.	33.	8.	758.7	32.5	1
246	0	316	37.2771	89.8142	-519.5	OJC	5.50	1.23	0.83	0.224	1.490	6.660	1088.	54.	5.	758.7	32.5	1
247	0	320	37.2771	89.8135	-515.2	OJC	5.03	3.18	0.68	0.632	4.651	7.360	1157.	47.	3.	759.2	32.5	1
248	10	296	37.2771	89.8128	-513.0	OJC	5.94	0.83	0.65	0.0	0.0	9.204	1061.	47.	6.	759.2	32.5	1
249	10	324	37.2771	89.8121	-511.2	OJC	5.33	0.95	0.55	0.0	0.0	9.768	1024.	41.	5.	757.1	32.5	1
250	0	360	37.2771	89.8113	-507.5	OJC	5.80	1.74	0.98	0.300	1.780	5.942	1142.	37.	5.	757.1	32.6	1
251	0	356	37.2771	89.8106	-503.7	OJC	4.39	2.99	0.68	0.682	4.384	6.424	1210.	45.	0.	759.2	32.7	1
252	0	348	37.2771	89.8099	-500.2	OJC	5.85	2.26	0.75	0.386	3.018	7.811	1192.	43.	0.	759.2	32.7	1
253	0	328	37.2771	89.8092	-497.7	OJC	5.21	2.11	0.85	0.405	2.479	6.115	1176.	40.	0.	757.6	32.5	1
254	0	300	37.2771	89.8085	-493.5	OJC	4.73	2.11	0.98	0.447	2.152	4.816	1314.	40.	0.	757.1	32.6	1
255	0	304	37.2771	89.8078	-490.5	OJC	6.38	1.68	1.04	0.264	1.612	6.113	1345.	47.	0.	758.1	32.6	1
256	0	312	37.2771	89.8071	-486.7	OJC	6.76	2.40	1.25	0.355	1.913	5.392	1531.	36.	0.	760.2	32.6	1
257	0	304	37.2771	89.8063	-484.5	OJC	6.18	2.53	1.13	0.410	2.246	5.480	1516.	42.	0.	759.2	32.6	1
258	0	300	37.2771	89.8056	-480.7	OJC	7.71	2.89	1.17	0.375	2.469	6.578	1640.	40.	0.	758.7	32.6	1
259	0	304	37.2771	89.8049	-476.7	OJC	7.70	2.26	1.17	0.294	1.932	6.572	1625.	33.	0.	758.7	32.5	1
260	0	316	37.2771	89.8042	-473.0	OJC	8.21	2.29	1.38	0.279	1.652	5.927	1667.	41.	0.	758.1	32.5	1
261	0	320	37.2770	89.8035	-468.0	OJC	8.16	2.24	1.27	0.274	1.757	6.411	1651.	33.	0.	758.1	32.5	1
262	0	332	37.2770	89.8027	-464.2	OJC	7.46	1.86	1.40	0.249	1.325	5.323	1624.	40.	2.	759.2	32.5	1
263	0	340	37.2770	89.8020	-461.5	OJC	6.55	1.96	1.21	0.299	1.619	5.407	1583.	38.	4.	759.7	32.6	1
264	10	348	37.2771	89.8013	-456.5	OJC	6.56	0.89	1.28	0.0	0.0	5.148	1448.	45.	4.	759.7	32.6	1
265	0	356	37.2771	89.8006	-454.0	OJC	5.42	2.56	1.15	0.472	2.223	4.714	1455.	40.	7.	758.7	32.6	1

CP9 IP12

* TAGS			* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
266	0	364	37.2771	89.7999	-450.5	OJC	4.64	1.30	1.07	0.281	1.220	4.345	1258.	49.	3.	758.7	32.5	1
267	10	364	37.2770	89.7991	-447.0	OJC	4.71	0.94	0.82	0.0	0.0	5.725	1140.	45.	6.	758.7	32.6	1
268	10	372	37.2770	89.7984	-441.7	OJC	4.51	0.91	0.81	0.0	0.0	5.595	1181.	36.	8.	758.7	32.5	1
269	0	408	37.2770	89.7977	-439.0	OJC	4.58	1.62	0.94	0.354	1.733	4.889	1169.	44.	8.	758.7	32.6	1
270	10	448	37.2770	89.7970	-434.5	OJC	3.94	0.43	1.36	0.0	0.0	2.899	1325.	44.	9.	758.7	32.7	1
271	10	496	37.2770	89.7962	-431.0	OJC	6.53	1.10	1.18	0.0	0.0	5.539	1410.	44.	10.	757.6	32.7	1
272	0	504	37.2770	89.7955	-427.7	OJC	7.92	2.87	0.99	0.362	2.886	7.964	1412.	57.	2.	757.6	32.7	1
273	10	508	37.2770	89.7948	-423.2	OJC	8.02	1.80	0.98	0.0	0.0	8.226	1508.	50.	8.	757.6	32.7	1
274	10	508	37.2770	89.7941	-419.5	OJC	8.77	1.68	1.24	0.0	0.0	7.072	1465.	49.	5.	758.7	32.7	1
275	10	500	37.2770	89.7934	-416.5	OJC	6.48	1.41	1.39	0.0	0.0	4.671	1489.	50.	6.	759.7	32.7	1
276	10	496	37.2770	89.7927	-413.0	OJC	8.97	0.16	1.39	0.0	0.0	6.432	1537.	32.	3.	758.7	32.7	1
277	0	504	37.2770	89.7920	-410.7	OJC	5.00	2.84	1.19	0.568	2.384	4.198	1510.	39.	0.	757.6	32.7	1
278	0	496	37.2769	89.7912	-409.0	OJC	7.20	2.73	1.17	0.379	2.329	6.147	1511.	43.	0.	757.6	32.7	1
279	0	496	37.2770	89.7905	-405.2	OJC	7.48	3.54	1.30	0.473	2.732	5.773	1563.	43.	0.	758.7	32.7	1
280	0	496	37.2770	89.7898	-402.5	OJC	8.98	2.19	1.36	0.244	1.608	6.592	1555.	41.	0.	759.7	32.7	1
281	0	492	37.2770	89.7891	-400.0	OJC	8.73	2.00	1.26	0.229	1.582	6.913	1439.	42.	0.	759.7	32.7	1
282	0	492	37.2770	89.7884	-397.0	OJC	6.66	2.08	1.37	0.313	1.520	4.862	1462.	43.	5.	758.7	32.7	1
283	0	496	37.2770	89.7877	-395.5	OJC	6.14	3.13	1.24	0.510	2.517	4.933	1481.	29.	2.	757.6	32.7	1
284	0	504	37.2769	89.7869	-395.7	OJC	5.88	4.03	1.26	0.686	3.208	4.675	1454.	48.	2.	758.7	32.7	1
285	10	496	37.2769	89.7862	-393.2	OJC	8.33	0.63	1.07	0.0	0.0	7.765	1445.	34.	9.	759.7	32.7	1
286	0	496	37.2769	89.7855	-391.5	OJC	7.81	2.68	1.01	0.343	2.656	7.735	1426.	44.	5.	759.7	32.7	1
287	0	496	37.2769	89.7848	-392.0	OJC	7.64	3.31	0.93	0.433	3.573	8.260	1341.	48.	5.	758.7	32.7	1
288	0	496	37.2769	89.7840	-392.5	OJC	7.01	2.56	0.78	0.365	3.286	9.000	1383.	49.	6.	757.6	32.7	1
289	0	496	37.2769	89.7832	-390.7	OJC	6.86	3.98	0.87	0.581	4.582	7.890	1460.	32.	0.	758.7	32.7	1
290	10	488	37.2770	89.7825	-389.2	OJC	6.44	1.37	1.10	0.0	0.0	5.877	1484.	47.	2.	759.7	32.7	1
291	0	488	37.2770	89.7818	-390.2	OJC	5.65	2.18	1.11	0.385	1.954	5.072	1476.	49.	4.	759.2	32.7	1
292	0	484	37.2770	89.7811	-391.0	OJC	7.27	3.79	1.17	0.521	3.245	6.229	1601.	29.	3.	758.1	32.7	1
293	0	480	37.2770	89.7803	-390.5	OJC	7.74	2.35	1.40	0.303	1.683	5.548	1631.	34.	1.	759.2	32.7	1
294	0	480	37.2770	89.7796	-391.0	OJC	7.85	2.79	1.32	0.356	2.111	5.932	1611.	48.	4.	760.2	32.7	1
295	0	480	37.2770	89.7789	-390.5	OJC	8.83	2.69	1.13	0.304	2.369	7.783	1655.	41.	5.	758.7	32.7	1
296	0	480	37.2770	89.7782	-391.5	OJC	7.18	2.26	1.01	0.315	2.244	7.121	1637.	36.	6.	757.6	32.7	1
297	0	480	37.2770	89.7774	-394.7	OJC	5.92	4.24	1.09	0.716	3.877	5.415	1595.	29.	0.	758.7	32.8	1
298	0	484	37.2770	89.7767	-394.2	OJC	6.87	2.81	1.27	0.409	2.213	5.416	1502.	50.	3.	758.7	32.8	1
299	10	492	37.2770	89.7759	-393.7	OJC	7.89	1.19	1.60	0.0	0.0	4.942	1645.	43.	5.	758.7	32.9	1
300	0	496	37.2770	89.7752	-396.5	OJC	7.95	3.05	1.18	0.384	2.582	6.730	1624.	39.	1.	758.7	32.8	1
301	0	500	37.2770	89.7745	-397.5	OJC	6.48	1.55	1.35	0.239	1.148	4.804	1569.	36.	2.	759.7	32.8	1
302	0	500	37.2770	89.7737	-398.0	OJC	6.96	3.58	1.34	0.514	2.673	5.202	1535.	46.	0.	759.7	32.7	1
303	0	500	37.2770	89.7730	-399.2	OJC	5.39	4.06	1.12	0.755	3.629	4.808	1460.	40.	0.	758.1	32.7	1
304	0	500	37.2770	89.7723	-400.0	OJC	6.95	3.08	1.47	0.443	2.103	4.746	1635.	41.	0.	758.1	32.7	1
305	0	496	37.2770	89.7715	-400.0	OJC	7.73	3.06	1.19	0.396	2.565	6.475	1497.	48.	0.	759.2	32.7	1
306	0	484	37.2770	89.7708	-400.7	OJC	8.36	1.82	1.19	0.218	1.528	7.016	1499.	46.	1.	758.1	32.7	1
307	0	436	37.2770	89.7701	-400.7	OJC	5.74	3.45	1.01	0.601	3.408	5.667	1314.	38.	2.	758.1	32.8	1
308	10	384	37.2770	89.7693	-402.2	OJC	6.56	0.81	0.96	0.0	0.0	6.805	1130.	38.	1.	759.7	32.8	1
309	0	368	37.2770	89.7686	-404.5	OJC	5.23	1.76	0.76	0.337	2.310	6.859	1092.	30.	3.	758.7	32.8	1
310	0	372	37.2770	89.7679	-404.5	OJC	3.78	3.09	0.67	0.819	4.622	5.647	1079.	47.	0.	757.6	32.8	1
311	0	352	37.2770	89.7672	-403.2	OJC	6.16	1.95	0.56	0.317	3.484	11.004	1125.	35.	1.	758.7	32.8	1
312	0	332	37.2770	89.7664	-403.0	OJC	6.97	1.95	1.01	0.280	1.928	6.883	1260.	37.	0.	758.7	32.8	1
313	0	348	37.2770	89.7657	-403.7	OJC	5.62	2.24	1.18	0.399	1.892	4.746	1407.	49.	0.	758.7	32.7	1
314	0	352	37.2770	89.7649	-405.5	OJC	5.81	3.08	1.29	0.530	2.392	4.515	1515.	52.	0.	759.7	32.7	1
315	0	364	37.2770	89.7642	-407.0	OJC	8.90	1.67	1.34	0.188	1.253	6.664	1540.	43.	0.	758.7	32.7	1
316	0	380	37.2770	89.7635	-408.0	OJC	7.77	2.31	1.32	0.297	1.748	5.892	1581.	34.	0.	758.7	32.7	1
317	0	380	37.2770	89.7627	-409.2	OJC	6.97	2.64	1.42	0.378	1.862	4.922	1500.	30.	0.	759.7	32.7	1
318	0	372	37.2770	89.7620	-410.7	OJC	6.47	2.85	1.07	0.440	2.664	6.050	1505.	29.	0.	758.7	32.6	1

CP9 1P 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UATR	PRESS	TEMP	SYS
319	0	360	37.2770	89.7613	-412.5	OJC	7.48	2.52	0.90	0.336	2.786	8.281	1400.	40.	0.	758.7	32.6	1
320	0	336	37.2770	89.7606	-413.7	OJC	6.93	2.56	1.13	0.369	2.272	6.152	1386.	46.	1.	759.7	32.6	1
321	0	304	37.2771	89.7598	-414.0	OJC	7.03	2.28	0.92	0.324	2.468	7.626	1392.	48.	0.	758.7	32.7	1
322	0	328	37.2771	89.7590	-413.7	OJC	6.55	2.89	1.16	0.441	2.495	5.662	1492.	47.	2.	759.7	32.7	1
323	0	320	37.2771	89.7583	-414.2	OSE-2	6.24	3.32	1.07	0.532	3.096	5.817	1485.	37.	0.	760.2	32.7	1
324	0	320	37.2771	89.7576	-417.5	OSE-2	8.73	2.02	1.16	0.231	1.734	7.499	1459.	36.	0.	758.1	32.6	1
325	0	348	37.2771	89.7569	-422.5	OSE-2	6.45	2.69	1.12	0.417	2.394	5.746	1494.	44.	2.	758.1	32.7	1
326	0	364	37.2771	89.7561	-426.7	OSE-2	7.31	3.63	1.01	0.497	3.604	7.245	1619.	35.	0.	759.2	32.7	1
327	0	372	37.2771	89.7554	-428.7	OSE-2	4.66	3.38	1.24	0.726	2.736	3.766	1516.	38.	0.	758.7	32.7	1
328	0	360	37.2771	89.7547	-430.7	OSE-2	7.70	2.75	1.23	0.358	2.242	6.270	1565.	49.	0.	758.7	32.7	1
329	0	404	37.2771	89.7539	-433.7	OSE-2	7.62	2.46	1.30	0.323	1.890	5.857	1657.	36.	0.	758.1	32.7	1
330	0	404	37.2771	89.7532	-436.2	OSE-2	8.06	3.47	1.08	0.430	3.219	7.478	1584.	45.	0.	759.2	32.7	1
331	10	404	37.2771	89.7525	-440.0	OSE-2	8.38	0.95	1.31	0.0	0.0	6.392	1617.	40.	0.	760.2	32.8	1
332	0	412	37.2771	89.7517	-442.5	OSE-2	7.02	3.14	1.44	0.447	2.174	4.868	1631.	31.	0.	758.7	32.8	1
333	0	420	37.2771	89.7510	-446.2	OSE-2	6.33	4.74	1.09	0.748	4.339	5.798	1605.	28.	0.	758.7	32.8	1
334	0	428	37.2771	89.7503	-450.2	OSE-2	6.72	3.27	1.07	0.488	3.051	6.258	1603.	41.	0.	760.2	32.8	1
335	0	424	37.2771	89.7495	-453.7	OSE-2	6.20	3.11	1.36	0.502	2.291	4.563	1556.	48.	3.	759.2	32.8	1
336	10	420	37.2771	89.7488	-456.7	OSE-2	8.46	1.38	1.30	0.0	0.0	6.484	1567.	45.	0.	759.2	32.8	1
337	10	424	37.2771	89.7480	-460.0	OSE-2	9.34	1.15	1.37	0.0	0.0	6.823	1569.	40.	2.	759.2	32.8	1
338	0	436	37.2771	89.7473	-463.5	OSE-2	6.22	1.89	1.44	0.304	1.312	4.308	1574.	50.	5.	758.7	32.7	1
339	0	440	37.2771	89.7466	-466.5	OSE-2	6.93	2.08	1.21	0.300	1.709	5.704	1516.	46.	7.	759.2	32.7	1
340	0	440	37.2771	89.7458	-470.5	OSE-2	7.77	1.87	1.20	0.241	1.562	6.494	1507.	44.	4.	759.2	32.7	1
341	0	444	37.2771	89.7451	-474.2	OSE-2	5.37	3.63	1.16	0.676	3.122	4.620	1539.	31.	3.	759.2	32.8	1
342	0	444	37.2771	89.7444	-477.5	OSE-2	6.49	2.21	1.43	0.340	1.548	4.547	1412.	56.	0.	759.2	32.7	1
343	0	444	37.2771	89.7437	-481.0	OSE-2	6.34	2.30	1.11	0.362	2.072	5.722	1482.	41.	3.	759.2	32.8	1
344	0	400	37.2771	89.7429	-484.5	OSE-2	5.78	3.17	0.96	0.548	3.312	6.047	1352.	43.	0.	758.7	32.8	1
345	0	344	37.2771	89.7422	-488.5	OSE-2	5.95	2.02	0.83	0.339	2.425	7.142	1192.	29.	0.	759.2	32.8	1
346	0	340	37.2771	89.7414	-491.7	OSE-2	6.17	1.15	0.98	0.186	1.174	6.320	1194.	47.	0.	759.2	32.8	1
347	0	360	37.2771	89.7407	-495.5	OSE-2	5.82	2.25	0.97	0.387	2.315	5.985	1243.	37.	0.	758.7	32.7	1
348	0	364	37.2771	89.7400	-500.0	OSE-2	6.10	2.19	0.72	0.358	3.033	8.467	1214.	52.	0.	758.7	32.7	1
349	0	352	37.2771	89.7392	-504.7	OSE-2	5.17	2.22	1.24	0.430	1.786	4.151	1401.	33.	0.	758.7	32.7	1
350	0	380	37.2771	89.7385	-507.2	OSE-2	6.50	2.31	1.18	0.355	1.956	5.506	1528.	42.	0.	758.1	32.5	1
351	0	408	37.2771	89.7378	-511.0	OSE-2	7.12	3.44	1.08	0.483	3.185	6.597	1513.	37.	0.	758.1	32.7	1
352	0	388	37.2771	89.7371	-514.5	OSE-2	8.26	2.87	0.88	0.347	3.253	9.364	1444.	39.	0.	758.1	32.7	1
353	10	380	37.2771	89.7364	-517.7	OSE-2	10.22	0.65	0.97	0.0	0.0	10.518	1431.	47.	0.	758.1	32.7	1
354	10	424	37.2771	89.7356	-522.0	OSE-2	9.16	1.17	1.57	0.0	0.0	5.844	1600.	49.	0.	757.1	32.7	1
355	0	448	37.2772	89.7348	-527.0	OSE-2	8.98	2.31	1.27	0.257	1.823	7.079	1654.	43.	0.	757.6	32.7	1
356	0	452	37.2772	89.7341	-529.2	OSE-2	8.52	3.91	1.15	0.460	3.404	7.406	1573.	47.	0.	758.7	32.7	1
357	0	428	37.2772	89.7334	-532.5	OSE-2	6.78	4.11	1.06	0.606	3.864	6.373	1583.	48.	0.	757.6	32.7	1
358	0	400	37.2772	89.7327	-534.7	OSE-2	9.21	1.84	1.31	0.200	1.404	7.019	1662.	34.	0.	757.6	32.7	1
359	0	384	37.2771	83.7319	-538.0	OSE-2	7.66	3.36	1.22	0.439	2.760	6.283	1661.	45.	0.	758.7	32.7	1
360	0	372	37.2771	89.7312	-541.2	OSE-2	8.82	2.81	1.07	0.318	2.634	8.274	1639.	35.	0.	757.6	32.7	1
361	0	368	37.2771	89.7305	-543.5	OSE-2	6.53	2.92	1.31	0.447	2.233	4.999	1722.	46.	0.	757.6	32.7	1
362	0	376	37.2771	89.7297	-544.7	OSE-2	8.42	2.10	1.34	0.250	1.570	6.291	1651.	41.	0.	758.7	32.7	1
363	0	400	37.2771	89.7290	-549.5	OSE-2	8.13	2.90	1.02	0.357	2.831	7.936	1674.	41.	0.	758.1	32.7	1
364	0	412	37.2771	89.7283	-554.2	OSE-2	7.96	2.14	1.38	0.269	1.559	5.790	1675.	52.	1.	758.1	32.7	1
365	0	412	37.2771	89.7275	-556.2	OSE-2	7.71	3.52	1.44	0.456	2.450	5.369	1605.	39.	0.	758.1	32.7	1
366	0	340	37.2771	89.7268	-559.7	OSE-2	5.27	2.62	0.97	0.498	2.712	5.448	1364.	48.	0.	758.1	32.7	1
367	0	348	37.2772	89.7261	-561.2	OSE-2	7.39	3.61	1.11	0.488	3.255	6.672	1489.	46.	1.	758.1	32.7	1
368	0	368	37.2772	89.7253	-563.7	OSE-2	7.57	4.89	1.02	0.646	4.779	7.397	1554.	31.	0.	758.1	32.7	1
369	0	376	37.2772	89.7246	-567.2	OSE-2	7.97	1.78	1.30	0.223	1.375	6.153	1626.	34.	7.	758.1	32.8	1
370	0	392	37.2772	89.7238	-569.7	OSE-2	7.99	2.02	1.22	0.252	1.651	6.549	1589.	42.	9.	758.7	32.8	1
371	0	392	37.2772	89.7231	-570.5	OSE-2	11.10	1.67	1.16	0.151	1.447	9.598	1647.	37.	6.	758.7	32.8	1

CP 9 1P 12

* TAGS *			* LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
372	10	396	37.2772	89.7224	-573.7	OSE-2	8.94	-0.42	1.43	0.0	0.0	6.238	1644.	41.	13.	758.1	32.8	1
373	10	424	37.2772	89.7217	-575.5	OSE-2	6.36	1.37	1.01	0.0	0.0	6.285	1623.	44.	11.	758.1	32.8	1
374	10	428	37.2772	89.7209	-577.7	OSE-2	6.67	-0.20	1.55	0.0	0.0	4.310	1550.	51.	10.	757.6	32.8	1
375	0	352	37.2772	89.7202	-579.0	OSE-2	5.20	1.67	0.95	0.321	1.753	5.457	1353.	25.	3.	758.1	32.8	1
376	10	356	37.2772	89.7195	-578.5	OSE-2	7.79	0.72	0.96	0.0	0.0	8.096	1366.	41.	4.	759.2	32.8	1
377	0	396	37.2772	89.7187	-579.7	OSE-2	6.32	1.51	1.31	0.239	1.153	4.833	1413.	47.	4.	758.7	32.7	1
378	0	444	37.2772	89.7180	-581.7	OSE-2	7.20	2.45	1.32	0.340	1.847	5.433	1654.	37.	2.	758.1	32.7	1
379	0	436	37.2772	89.7172	-583.5	OSE-2	8.82	2.59	1.41	0.294	1.832	6.239	1740.	49.	0.	759.2	32.7	1
380	0	420	37.2772	89.7165	-584.5	OSE-2	8.08	2.83	1.50	0.351	1.890	5.394	1688.	50.	0.	758.7	32.7	1
381	0	400	37.2772	89.7158	-585.5	OSE-2	6.67	2.59	1.13	0.389	2.286	5.876	1550.	44.	0.	757.6	32.7	1
382	0	412	37.2772	89.7150	-586.2	OSE-2	9.34	2.57	1.38	0.275	1.861	6.770	1706.	27.	0.	758.1	32.6	1
383	0	428	37.2772	89.7143	-587.7	OSE-2	7.87	3.05	1.35	0.388	2.268	5.845	1641.	44.	0.	758.7	32.6	1
384	0	436	37.2772	89.7136	-589.5	OSE-2	8.17	2.73	1.32	0.334	2.061	6.167	1607.	43.	0.	759.2	32.6	1
385	0	444	37.2772	89.7129	-590.2	OSE-2	6.34	3.77	1.06	0.595	3.569	5.994	1679.	30.	0.	758.7	32.6	1
386	0	424	37.2772	89.7122	-591.7	OSE-2	5.34	3.95	1.01	0.739	3.895	5.272	1476.	45.	0.	758.7	32.6	1
387	0	412	37.2772	89.7114	-593.0	OSE-2	7.25	1.94	1.34	0.267	1.442	5.392	1553.	46.	0.	758.7	32.6	1
388	0	412	37.2772	89.7107	-593.5	OSE-2	5.76	3.06	1.19	0.531	2.563	4.823	1547.	44.	0.	758.1	32.6	1
389	0	420	37.2772	89.7099	-594.7	OSE-2	7.24	2.44	1.22	0.337	1.989	5.910	1479.	49.	0.	758.7	32.6	1
390	0	404	37.2772	89.7092	-595.2	OSE-2	7.69	1.45	1.18	0.188	1.233	6.547	1536.	42.	2.	759.2	32.6	1
391	0	392	37.2772	89.7084	-596.7	OSE-2	6.52	2.94	1.21	0.450	2.425	5.383	1594.	38.	3.	758.1	32.7	1
392	0	368	37.2772	89.7077	-597.2	OSE-2	7.58	2.17	1.06	0.286	2.052	7.172	1563.	42.	1.	758.1	32.6	1
393	0	364	37.2772	89.7070	-599.0	OSE-2	9.17	2.45	1.19	0.267	2.054	7.697	1584.	33.	0.	758.7	32.7	1
394	0	376	37.2772	89.7062	-598.5	OSE-2	6.93	2.55	1.27	0.368	2.003	5.445	1531.	44.	1.	758.1	32.7	1
395	0	376	37.2772	89.7056	-598.5	OSE-2	8.45	2.37	1.58	0.280	1.504	5.364	1643.	38.	0.	758.1	32.8	1
396	0	384	37.2772	89.7048	-601.0	OSE-2	6.51	2.89	1.24	0.444	2.320	5.230	1628.	35.	0.	758.1	32.7	1
397	0	396	37.2772	89.7041	-604.0	OSE-2	7.05	2.78	1.25	0.395	2.232	5.655	1638.	37.	0.	758.7	32.8	1
398	0	416	37.2772	89.7033	-605.7	OSE-2	8.75	3.88	1.20	0.444	3.223	7.264	1612.	39.	0.	757.6	32.8	1
399	0	428	37.2772	89.7026	-609.5	OSE-2	8.09	2.72	1.22	0.336	2.234	6.649	1667.	34.	0.	757.1	32.8	1
400	10	452	37.2772	89.7019	-610.2	OSE-2	7.72	1.12	1.77	0.0	0.0	4.363	1688.	37.	1.	758.1	32.8	1
401	0	460	37.2772	89.7011	-609.7	OSE-2	9.45	3.24	1.38	0.343	2.352	6.852	1652.	41.	0.	757.1	32.8	1
402	0	420	37.2773	89.7004	-613.0	OSE-2	7.15	4.53	0.87	0.634	5.187	8.182	1555.	31.	0.	757.1	32.8	1
403	0	432	37.2773	89.6996	-615.0	OSE-2	7.17	3.29	1.35	0.458	2.439	5.322	1631.	43.	0.	759.2	32.8	1
404	0	420	37.2773	89.6989	-614.0	OSE-2	11.47	2.54	0.99	0.222	2.578	11.636	1596.	28.	0.	757.1	32.8	1
405	0	412	37.2773	89.6982	-615.0	OSE-2	6.53	1.99	1.39	0.305	1.430	4.688	1608.	51.	1.	757.1	32.8	1
406	0	416	37.2773	89.6975	-615.5	OSE-2	6.72	3.73	1.21	0.554	3.090	5.574	1544.	31.	0.	758.1	32.8	1
407	0	412	37.2773	89.6967	-617.0	OSE-2	6.16	2.71	1.24	0.440	2.193	4.980	1473.	46.	0.	757.1	32.8	1
408	0	416	37.2773	89.6960	-617.5	OSE-2	5.49	1.97	1.36	0.359	1.450	4.037	1457.	53.	5.	757.6	32.7	1
409	0	436	37.2772	89.6953	-619.0	OSE-2	7.23	1.51	1.28	0.209	1.183	5.660	1508.	55.	0.	758.7	32.7	1
410	0	432	37.2772	89.6945	-619.2	OSE-2	7.46	2.54	1.16	0.340	2.191	6.446	1461.	44.	1.	756.1	32.7	1
411	0	412	37.2772	89.6938	-619.7	OSE-2	5.97	1.99	1.08	0.332	1.843	5.543	1450.	37.	0.	756.1	32.7	1
412	0	424	37.2772	89.6930	-620.7	OSE-2	6.33	1.82	1.06	0.288	1.721	5.973	1385.	32.	3.	759.2	32.7	1
413	0	404	37.2772	89.6923	-620.7	OSE-2	6.31	2.40	1.00	0.380	2.390	6.284	1331.	48.	3.	758.7	32.7	1
414	0	400	37.2772	89.6916	-619.5	OSE-2	7.84	1.43	0.96	0.183	1.498	8.196	1392.	44.	2.	756.6	32.7	1
415	0	424	37.2773	89.6908	-618.5	OSE-2	5.74	2.34	1.00	0.407	2.328	5.718	1458.	44.	4.	757.1	32.7	1
416	0	444	37.2773	89.6901	-618.0	OSE-2	4.15	5.02	1.07	1.208	4.679	3.873	1560.	42.	0.	758.1	32.6	1
417	0	408	37.2773	89.6894	-617.0	OSE-2	6.92	1.43	1.37	0.206	1.046	5.066	1419.	52.	3.	757.1	32.7	1
418	10	420	37.2773	89.6887	-617.7	OSE-2	5.57	0.33	1.42	0.0	0.0	3.925	1438.	38.	2.	757.1	32.7	1
419	10	424	37.2773	89.6879	-616.5	OSE-2	7.42	0.25	1.21	0.0	0.0	6.125	1418.	36.	0.	758.7	32.7	1
420	0	440	37.2773	89.6872	-613.5	OSE-2	8.38	2.09	0.98	0.250	2.145	8.591	1457.	38.	0.	757.6	32.7	1
421	0	436	37.2773	89.6865	-613.0	OSE-2	5.62	4.67	1.17	0.831	3.986	4.795	1575.	42.	0.	756.6	32.8	1
422	0	448	37.2773	89.6857	-613.2	QAL	7.11	2.83	1.15	0.398	2.456	6.169	1474.	49.	0.	758.7	32.8	1
423	0	456	37.2773	89.6850	-611.2	QAL	11.28	2.58	1.42	0.228	1.817	7.953	1716.	37.	0.	758.7	32.8	1
424	10	456	37.2773	89.6842	-609.2	QAL	6.88	1.10	1.14	0.0	0.0	6.015	1519.	54.	3.	757.1	32.8	1

CP 9 IP 12

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
425	0	460	37.2773	89.6835	-608.0	QAL	7.24	3.70	1.36	0.512	2.716	5.308	1645.	46.	1.	757.1	32.9	1
426	0	464	37.2773	89.6827	-605.2	QAL	6.40	1.98	1.58	0.309	1.250	4.039	1561.	35.	2.	758.7	32.9	1
427	0	472	37.2773	89.6821	-603.7	QAL	6.62	1.55	1.40	0.234	1.106	4.718	1611.	37.	5.	758.7	32.9	1
428	0	472	37.2773	89.6813	-603.2	QAL	7.85	2.66	1.36	0.338	1.958	5.790	1685.	42.	5.	756.6	32.9	1
429	0	472	37.2773	89.6806	-601.5	QAL	7.71	2.36	1.46	0.306	1.622	5.295	1566.	43.	2.	756.6	32.9	1
430	10	476	37.2773	89.6799	-598.2	QAL	7.56	0.82	1.31	0.0	0.0	5.772	1582.	43.	6.	758.7	32.9	1
431	0	492	37.2773	89.6791	-598.7	QAL	7.48	1.76	1.39	0.235	1.267	5.389	1575.	30.	4.	757.6	32.9	1
432	0	512	37.2773	89.6784	-596.2	QAL	7.41	2.67	1.25	0.361	2.147	5.949	1622.	48.	5.	756.6	32.9	1
433	10	516	37.2773	89.6777	-593.7	QAL	7.19	1.47	1.53	0.0	0.0	4.702	1559.	48.	6.	757.1	33.0	1
434	10	504	37.2773	89.6769	-592.5	QAL	8.54	1.25	1.17	0.0	0.0	7.274	1555.	43.	6.	757.1	33.0	1
435	0	500	37.2773	89.6762	-591.5	QAL	5.49	3.95	1.17	0.719	3.382	4.702	1520.	42.	3.	758.7	33.0	1
436	0	512	37.2773	89.6754	-589.2	QAL	7.42	2.01	1.30	0.271	1.547	5.714	1530.	44.	4.	759.7	33.0	1
437	10	504	37.2773	89.6747	-587.2	QAL	5.93	0.89	1.50	0.0	0.0	3.943	1484.	42.	3.	758.7	33.1	1
438	0	508	37.2773	89.6740	-585.2	QAL	7.99	2.11	1.47	0.265	1.441	5.446	1529.	46.	2.	758.7	33.0	1
439	0	516	37.2773	89.6732	-583.0	QAL	9.52	2.51	1.15	0.263	2.186	8.304	1595.	35.	4.	758.1	33.0	1
440	0	520	37.2773	89.6725	-581.7	QAL	7.24	2.51	1.07	0.347	2.358	6.791	1466.	39.	1.	757.1	33.0	1
441	0	520	37.2773	89.6718	-580.7	QAL	5.68	2.59	1.27	0.455	2.045	4.490	1493.	38.	4.	758.7	33.0	1
442	0	520	37.2773	89.6711	-579.5	QAL	6.21	3.47	1.27	0.558	2.734	4.896	1476.	36.	3.	759.7	33.0	1
443	10	520	37.2773	89.6703	-577.2	QAL	8.88	1.43	1.41	0.0	0.0	6.307	1532.	39.	2.	758.7	33.0	1
444	0	524	37.2773	89.6696	-574.5	QAL	5.90	3.99	1.14	0.677	3.495	5.166	1427.	40.	4.	758.7	33.0	1
445	0	528	37.2773	89.6688	-572.2	QAL	8.19	2.42	1.51	0.295	1.597	5.416	1569.	42.	0.	757.6	33.0	1
446	10	528	37.2773	89.6681	-571.7	QAL	7.75	1.29	1.20	0.0	0.0	6.468	1486.	38.	4.	755.5	33.0	1
447	10	524	37.2773	89.6674	-569.7	QAL	6.21	1.37	1.33	0.0	0.0	4.677	1509.	36.	5.	756.6	33.1	1
448	0	524	37.2773	89.6666	-568.0	QAL	6.01	3.29	1.12	0.548	2.935	5.355	1554.	39.	2.	757.6	33.0	1
449	0	516	37.2774	89.6659	-567.0	QAL	6.55	4.09	0.92	0.624	4.466	7.157	1599.	41.	0.	758.7	33.1	1
450	10	524	37.2774	89.6652	-565.2	QAL	7.74	1.78	1.80	0.0	0.0	4.312	1639.	35.	8.	758.7	33.1	1
451	10	536	37.2774	89.6645	-564.0	QAL	8.40	1.22	1.64	0.0	0.0	5.108	1634.	32.	6.	756.6	33.1	1
452	0	524	37.2774	89.6637	-562.5	OSE-2	8.73	2.39	1.32	0.273	1.803	6.597	1687.	29.	6.	756.6	33.1	1
453	0	528	37.2774	89.6630	-562.2	OSE-2	7.59	2.99	1.26	0.394	2.378	6.033	1604.	49.	3.	757.6	33.2	1
454	10	524	37.2774	89.6623	-562.5	OSE-2	10.15	1.41	1.30	0.0	0.0	7.817	1600.	40.	1.	756.1	33.1	1
455	10	524	37.2774	89.6615	-560.7	OSE-2	7.89	0.57	1.57	0.0	0.0	5.035	1627.	41.	5.	755.0	33.1	1
456	0	528	37.2774	89.6608	-560.7	OSE-2	8.61	1.94	1.41	0.226	1.375	6.092	1686.	32.	3.	757.1	33.1	1
457	10	516	37.2774	89.6600	-559.2	OSE-2	8.80	1.61	1.35	0.0	0.0	6.523	1584.	45.	8.	758.7	33.1	1
458	0	520	37.2774	89.6593	-558.0	OSE-2	7.92	1.75	1.45	0.221	1.205	5.451	1600.	49.	4.	758.7	33.1	1
459	0	536	37.2773	89.6586	-556.2	OSE-2	10.13	2.40	1.18	0.237	2.038	8.611	1635.	40.	3.	758.7	33.1	1
460	0	540	37.2773	89.6578	-556.0	OSE-2	10.99	1.84	1.70	0.167	1.082	6.465	1702.	39.	0.	757.6	33.1	1
461	0	528	37.2773	89.6571	-555.5	OSE-2	10.36	3.14	1.44	0.303	2.182	7.199	1563.	43.	0.	756.6	33.1	1
462	0	528	37.2774	89.6564	-555.5	OSE-2	9.00	3.31	1.12	0.367	2.942	8.008	1590.	42.	0.	756.6	33.1	1
463	0	524	37.2774	89.6557	-556.5	OSE-2	6.65	2.91	1.11	0.437	2.612	5.972	1572.	50.	1.	756.6	33.1	1
464	0	512	37.2774	89.6549	-556.0	OSE-2	7.71	3.63	1.19	0.471	3.057	6.493	1671.	41.	0.	756.1	33.2	1
465	10	496	37.2774	89.6542	-554.7	OSE-2	8.08	1.31	1.42	0.0	0.0	5.685	1546.	44.	2.	756.1	33.2	1
466	0	500	37.2774	89.6534	-555.0	OSE-2	8.64	2.68	1.35	0.310	1.980	6.386	1553.	40.	0.	756.1	33.3	1
467	0	508	37.2774	89.6527	-555.2	OSE-2	4.69	3.06	1.07	0.651	2.856	4.386	1549.	40.	0.	757.1	33.3	1
468	0	520	37.2774	89.6520	-555.7	OSE-2	6.92	2.26	1.06	0.327	2.138	6.545	1476.	39.	0.	758.1	33.4	1
469	0	532	37.2774	89.6512	-555.5	OSE-2	6.26	4.55	1.28	0.726	3.558	4.903	1553.	37.	0.	758.1	33.4	1
470	0	540	37.2774	89.6505	-556.7	OSE-2	7.67	3.86	0.89	0.503	4.312	8.576	1444.	43.	0.	758.1	33.4	1
471	0	536	37.2774	89.6497	-557.5	OSE-2	7.24	2.25	1.12	0.311	2.009	6.466	1446.	34.	0.	758.7	33.4	1
472	0	536	37.2774	89.6490	-558.2	OSE-2	7.37	2.76	1.31	0.375	2.101	5.607	1452.	41.	0.	758.7	33.4	1
473	10	540	37.2774	89.6483	-558.7	OSE-2	8.68	1.66	1.05	0.0	0.0	8.236	1429.	45.	0.	758.7	33.5	1
474	0	548	37.2774	89.6476	-558.5	OSE-2	7.55	1.86	1.40	0.247	1.327	5.377	1463.	43.	1.	758.7	33.5	1
475	10	548	37.2774	89.6469	-559.2	OSE-2	7.89	1.44	1.37	0.0	0.0	5.750	1536.	38.	0.	757.6	33.5	1
476	10	544	37.2774	89.6461	-559.2	OJD	7.66	0.45	1.11	0.0	0.0	6.902	1402.	47.	3.	757.6	33.5	1
477	0	540	37.2774	89.6454	-559.7	OJD	6.02	4.22	1.12	0.702	3.784	5.392	1490.	35.	2.	758.7	33.5	1

CP 9 LP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
478	10	540	37.2774	89.6447	-561.2	OJD	7.60	1.55	1.38	0.0	0.0	5.489	1569.	36.	7.	758.7	33.5	1
479	0	540	37.2774	89.6439	-561.7	OJD	5.81	4.32	1.29	0.743	3.338	4.490	1632.	30.	0.	757.6	33.5	1
480	0	548	37.2774	89.6431	-560.5	OJD	6.10	3.33	1.19	0.546	2.802	5.130	1478.	31.	1.	756.6	33.5	1
481	10	552	37.2774	89.6424	-561.5	OJD	9.83	1.50	1.48	0.0	0.0	6.652	1640.	28.	3.	757.6	33.5	1
482	0	536	37.2774	89.6417	-563.5	OJD	6.22	3.12	1.03	0.501	3.037	6.062	1499.	51.	0.	757.6	33.4	1
483	10	524	37.2774	89.6410	-563.5	OJD	9.52	1.40	1.30	0.0	0.0	7.337	1543.	37.	0.	757.6	33.4	1
484	0	528	37.2774	89.6402	-563.2	OJD	6.82	3.86	0.98	0.565	3.920	6.933	1591.	35.	0.	757.6	33.4	1
485	0	536	37.2774	89.6395	-565.0	OJD	7.57	4.39	1.13	0.580	3.897	6.721	1610.	50.	0.	756.6	33.5	1
486	0	520	37.2774	89.6388	-566.2	OJD	6.39	4.15	1.17	0.649	3.548	5.465	1622.	41.	0.	756.6	33.4	1
487	0	504	37.2774	89.6380	-566.7	OJD	8.44	1.96	1.13	0.232	1.733	7.480	1651.	45.	4.	757.6	33.5	1
488	0	500	37.2774	89.6373	-566.7	OJD	9.57	3.29	1.22	0.344	2.695	7.844	1692.	34.	3.	758.7	33.5	1
489	0	496	37.2774	89.6366	-567.7	OJD	4.81	4.54	1.01	0.942	4.508	4.784	1556.	24.	3.	757.6	33.5	1
490	0	496	37.2774	89.6358	-569.0	OJD	6.56	3.96	1.32	0.604	3.009	4.981	1659.	37.	3.	757.6	33.4	1
491	0	492	37.2774	89.6351	-569.2	OJD	8.31	2.65	1.18	0.319	2.242	7.031	1643.	41.	6.	757.6	33.4	1
492	10	484	37.2774	89.6344	-570.2	OJD	9.39	0.58	1.39	0.0	0.0	6.745	1654.	31.	7.	758.7	33.4	1
493	0	480	37.2774	89.6336	-571.0	OJD	8.40	2.25	1.06	0.268	2.122	7.909	1629.	31.	5.	758.7	33.4	1
494	0	488	37.2774	89.6329	-572.2	OJD	7.85	2.46	1.39	0.313	1.775	5.663	1687.	46.	3.	758.7	33.4	1
495	0	480	37.2774	89.6322	-572.2	OJD	5.80	4.10	1.25	0.707	3.270	4.623	1600.	48.	1.	758.1	33.4	1
496	0	480	37.2774	89.6314	-572.0	OJD	9.72	2.88	1.46	0.297	1.978	6.670	1647.	44.	0.	757.1	33.4	1
497	0	472	37.2774	89.6307	-572.5	OJD	7.14	2.70	1.30	0.378	2.069	5.476	1640.	47.	0.	757.6	33.4	1
498	0	464	37.2774	89.6300	-572.5	OJD	7.92	1.92	1.36	0.242	1.407	5.810	1581.	46.	0.	758.7	33.4	1
499	0	460	37.2774	89.6292	-575.7	OJD	6.11	3.09	1.29	0.506	2.402	4.747	1520.	28.	0.	756.6	33.4	1
500	0	400	37.2775	89.6285	-575.5	OJD	5.25	3.66	0.79	0.698	4.664	6.682	1301.	37.	0.	754.5	33.4	1
501	0	396	37.2775	89.6278	-574.0	OJD	8.44	1.98	0.83	0.235	2.387	10.162	1252.	29.	0.	756.1	33.4	1
502	0	408	37.2775	89.6270	-576.5	OJD	7.29	1.73	0.83	0.238	2.075	8.733	1281.	39.	0.	757.1	33.4	1
503	0	428	37.2775	89.6263	-579.0	OJD	6.30	1.70	1.27	0.270	1.338	4.951	1290.	50.	0.	757.6	33.4	1
504	10	484	37.2775	89.6255	-578.2	OJD	10.23	0.37	1.30	0.0	0.0	7.843	1594.	32.	0.	757.6	33.4	1
505	10	488	37.2775	89.6248	-580.2	OJD	7.14	1.30	1.38	0.0	0.0	5.174	1648.	39.	0.	757.1	33.4	1
506	0	476	37.2775	89.6241	-580.2	OJD	7.22	3.10	1.27	0.429	2.437	5.682	1608.	44.	0.	758.1	33.4	1
507	0	484	37.2775	89.6234	-580.5	OJD	7.39	1.62	1.49	0.219	1.089	4.971	1561.	53.	0.	758.1	33.4	1
508	0	496	37.2775	89.6226	-582.0	OJD	9.09	1.99	1.58	0.219	1.259	5.754	1712.	35.	0.	757.1	33.3	1
509	0	500	37.2775	89.6219	-583.0	OJD	6.52	3.44	1.21	0.529	2.838	5.368	1574.	35.	0.	756.6	33.4	1
510	0	500	37.2775	89.6212	-584.0	OJD	8.61	1.78	1.60	0.206	1.107	5.363	1625.	30.	0.	756.6	33.4	1
511	0	496	37.2776	89.6205	-584.7	OJD	8.69	2.36	1.39	0.271	1.699	6.267	1585.	37.	0.	756.6	33.4	1
512	10	488	37.2776	89.6197	-585.5	OJD	7.70	1.54	1.49	0.0	0.0	5.159	1600.	56.	0.	757.1	33.3	1
513	0	468	37.2776	89.6189	-585.2	OJD	9.38	2.39	1.11	0.255	2.146	8.416	1563.	45.	0.	757.6	33.4	1
514	0	472	37.2776	89.6182	-585.7	OJD	7.26	3.88	1.24	0.535	3.134	5.862	1664.	38.	0.	758.7	33.4	1
515	0	464	37.2776	89.6175	-586.5	OJD	9.71	2.19	1.59	0.226	1.375	6.091	1698.	43.	0.	758.7	33.4	1
516	0	444	37.2776	89.6167	-586.5	OJD	5.71	4.65	1.03	0.815	4.509	5.532	1679.	27.	0.	757.6	33.3	1
517	0	456	37.2777	89.6160	-586.5	OJD	8.82	2.89	1.45	0.328	1.992	6.079	1733.	46.	0.	756.6	33.4	1
518	10	472	37.2777	89.6153	-587.0	OJD	8.33	1.43	1.29	0.0	0.0	6.451	1649.	47.	1.	755.5	33.4	1
519	0	484	37.2777	89.6145	-587.7	OJD	5.33	2.52	1.45	0.473	1.735	3.667	1696.	39.	3.	755.5	33.4	1
520	0	500	37.2778	89.6139	-588.7	OJD	8.88	1.67	1.36	0.188	1.226	6.508	1598.	40.	2.	757.6	33.4	1
521	10	512	37.2778	89.6130	-588.2	OJD	8.94	1.60	1.18	0.0	0.0	7.574	1653.	31.	3.	758.7	33.4	1
522	10	512	37.2778	89.6123	-588.7	OJD	9.26	0.91	1.39	0.0	0.0	6.657	1542.	34.	3.	758.7	33.3	1
523	0	516	37.2778	89.6116	-589.7	OJD	7.41	1.65	1.23	0.223	1.345	6.042	1494.	39.	3.	758.7	33.4	1
524	0	524	37.2778	89.6109	-590.5	OJD	8.74	2.81	1.28	0.322	2.191	6.816	1517.	35.	3.	758.1	33.3	1
525	0	528	37.2778	89.6101	-592.5	OJD	6.62	1.86	1.40	0.281	1.326	4.722	1472.	39.	5.	756.1	33.3	1
526	0	532	37.2779	89.6094	-593.0	OJD	7.68	1.86	1.17	0.242	1.593	6.586	1416.	48.	5.	755.0	33.3	1
527	0	528	37.2779	89.6087	-593.7	OJD	8.38	2.38	1.26	0.284	1.882	6.630	1537.	46.	2.	756.1	33.4	1
528	0	452	37.2779	89.6079	-594.7	OJD	6.53	1.51	0.98	0.231	1.541	6.661	1323.	37.	3.	758.1	33.3	1
529	0	452	37.2780	89.6072	-594.7	OJD	6.45	1.87	1.23	0.290	1.516	5.227	1449.	26.	3.	758.7	33.4	1
530	10	456	37.2780	89.6064	-595.7	OJD	6.77	0.52	1.45	0.0	0.0	4.674	1403.	45.	7.	757.6	33.3	1

CP 9 LP 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
531	0	464	37.2780	89.6057	-597.5	OJD	5.41	3.27	1.01	0.604	3.244	5.368	1438.	37.	5.	756.6	33.3	1
532	10	472	37.2780	89.6050	-597.5	OJD	7.24	1.49	1.32	0.0	0.0	5.478	1452.	44.	4.	756.6	33.3	1
533	0	468	37.2780	89.6043	-597.7	ODP	6.87	1.68	1.11	0.244	1.513	6.208	1387.	45.	0.	756.6	33.3	1
534	0	464	37.2780	89.6035	-599.0	ODP	6.11	2.65	1.19	0.434	2.222	5.118	1445.	31.	0.	757.6	33.3	1
535	0	452	37.2781	89.6028	-599.2	ODP	6.16	1.63	0.96	0.265	1.692	6.387	1434.	42.	0.	758.7	33.3	1
536	10	444	37.2781	89.6021	-599.2	ODP	6.53	1.13	1.13	0.0	0.0	5.778	1269.	56.	0.	756.6	33.3	1
537	0	468	37.2781	89.6013	-599.7	ODP	8.63	2.00	1.11	0.231	1.798	7.779	1403.	43.	0.	756.6	33.3	1
538	0	504	37.2782	89.6005	-600.5	ODP	7.37	2.44	1.46	0.331	1.666	5.038	1472.	39.	0.	757.6	33.3	1
539	10	500	37.2782	89.5998	-601.2	ODP	7.25	1.35	1.32	0.0	0.0	5.486	1592.	41.	0.	758.7	33.3	1
540	0	480	37.2782	89.5991	-602.0	ODP	9.10	2.21	1.28	0.243	1.723	7.093	1673.	38.	0.	758.7	33.3	1
541	0	460	37.2782	89.5984	-602.7	ODP	8.11	1.53	1.30	0.189	1.174	6.222	1604.	49.	0.	757.6	33.3	1
542	0	464	37.2782	89.5976	-603.0	ODP	4.76	4.78	1.17	1.004	4.067	4.049	1446.	45.	0.	757.1	33.3	1
543	0	480	37.2782	89.5968	-604.0	ODP	6.51	2.21	1.07	0.340	2.062	6.067	1547.	45.	0.	758.1	33.3	1
544	0	472	37.2783	89.5962	-604.7	ODP	6.76	1.46	1.44	0.215	1.012	4.704	1463.	40.	0.	758.1	33.4	1
545	0	424	37.2783	89.5954	-605.7	ODP	6.46	1.87	1.03	0.290	1.826	6.300	1313.	41.	0.	757.1	33.4	1
546	0	436	37.2783	89.5947	-606.2	ODP	6.20	2.90	0.75	0.468	3.856	8.236	1296.	47.	0.	757.6	33.4	1
547	0	472	37.2784	89.5940	-608.0	ODP	6.38	2.34	1.42	0.367	1.652	4.507	1475.	37.	4.	758.7	33.4	1
548	10	496	37.2784	89.5932	-607.5	ODP	9.17	0.58	1.31	0.0	0.0	7.028	1503.	48.	7.	758.7	33.3	1
549	0	480	37.2785	89.5925	-609.0	ODP	9.14	1.82	1.75	0.199	1.041	5.235	1564.	35.	5.	756.6	33.4	1
550	10	452	37.2785	89.5918	-609.2	ODP	7.81	1.04	1.30	0.0	0.0	5.988	1432.	35.	6.	756.6	33.3	1
551	0	408	37.2785	89.5910	-611.0	ODP	6.45	1.70	1.07	0.264	1.591	6.037	1307.	37.	8.	758.7	33.3	1
552	0	408	37.2785	89.5903	-611.2	ODP	5.32	1.87	0.94	0.351	1.979	5.643	1296.	43.	8.	758.7	33.4	1
553	10	396	37.2785	89.5895	-612.5	ODP	5.71	1.37	0.96	0.0	0.0	5.958	1213.	38.	10.	756.1	33.3	1
554	0	404	37.2785	89.5888	-613.0	ODP	7.07	2.83	0.82	0.400	3.438	8.586	1275.	41.	5.	756.1	33.3	1
555	10	420	37.2786	89.5881	-613.7	ODP	4.56	0.78	1.28	0.0	0.0	3.564	1227.	39.	6.	758.1	33.4	1
556	0	416	37.2786	89.5874	-615.0	ODP	3.69	1.93	0.95	0.523	2.042	3.905	1186.	40.	6.	757.1	33.3	1
557	0	404	37.2786	89.5866	-616.2	ODP	6.47	2.10	0.80	0.324	2.616	8.083	1250.	34.	0.	756.1	33.4	1
558	0	396	37.2787	89.5859	-616.5	ODP	6.86	2.21	0.72	0.322	3.067	9.526	1253.	38.	0.	756.6	33.3	1
559	10	376	37.2787	89.5851	-615.7	ODP	4.44	0.94	1.25	0.0	0.0	3.549	1125.	44.	1.	758.7	33.3	1
560	0	372	37.2787	89.5844	-616.0	ODP	5.32	2.36	0.95	0.443	2.468	5.575	1127.	48.	0.	758.7	33.3	1
561	0	388	37.2787	89.5837	-616.7	ODP	6.33	2.39	0.65	0.378	3.689	9.751	1191.	24.	0.	757.6	33.4	1
562	0	380	37.2787	89.5830	-618.5	ODP	5.52	2.09	1.12	0.379	1.863	4.918	1214.	36.	0.	758.7	33.3	1
563	0	392	37.2787	89.5822	-619.2	ODP	3.82	3.40	0.94	0.889	3.619	4.070	1266.	30.	0.	758.1	33.3	1
564	0	396	37.2788	89.5814	-620.7	ODP	5.23	1.92	0.90	0.366	2.120	5.788	1191.	44.	0.	756.1	33.2	1
565	10	396	37.2788	89.5807	-620.7	ODP	6.38	1.07	0.90	0.0	0.0	7.113	1239.	46.	0.	757.6	33.3	1
566	0	432	37.2788	89.5800	-620.2	ODP	5.09	2.86	0.96	0.562	2.979	5.304	1243.	42.	0.	758.7	33.2	1
567	0	444	37.2789	89.5793	-622.0	ODP	5.16	3.04	1.23	0.589	2.478	4.207	1378.	43.	0.	757.6	33.2	1
568	0	496	37.2789	89.5785	-623.5	ODP	5.59	2.82	1.38	0.505	2.043	4.047	1615.	41.	1.	758.7	33.2	1
569	0	508	37.2789	89.5778	-624.2	ODP	10.43	2.16	1.51	0.206	1.430	6.934	1650.	42.	0.	758.7	33.2	1
570	0	512	37.2789	89.5771	-624.2	ODP	5.90	3.38	1.23	0.573	2.748	4.798	1618.	39.	4.	756.6	33.2	1
571	0	512	37.2789	89.5764	-626.0	ODP	7.62	2.28	1.18	0.300	1.942	6.476	1598.	48.	3.	758.1	33.2	1
572	0	512	37.2789	89.5755	-626.5	ODP	5.19	2.38	1.52	0.459	1.566	3.410	1635.	50.	3.	758.7	33.2	1
573	0	504	37.2790	89.5748	-627.0	ODP	8.01	3.31	1.08	0.413	3.062	7.418	1621.	31.	3.	757.6	33.2	1
574	0	500	37.2790	89.5741	-628.5	ODP	9.56	1.90	1.30	0.199	1.463	7.369	1624.	54.	1.	758.7	33.2	1
575	0	492	37.2790	89.5734	-630.5	ODP	8.14	1.61	1.18	0.198	1.362	6.896	1524.	40.	0.	758.7	33.2	1
576	10	496	37.2791	89.5726	-633.0	ODP	8.12	1.20	1.18	0.0	0.0	6.871	1489.	44.	0.	757.1	33.1	1
577	0	516	37.2791	89.5719	-634.5	ODP	7.61	2.96	1.36	0.390	2.187	5.613	1520.	36.	0.	759.2	33.2	1
578	0	520	37.2791	89.5712	-636.7	ODP	5.05	3.21	1.33	0.636	2.411	3.788	1474.	43.	0.	759.2	33.2	1
579	0	532	37.2791	89.5705	-640.0	ODP	6.35	2.23	1.38	0.351	1.620	4.614	1430.	39.	0.	757.1	33.2	1
580	0	528	37.2792	89.5697	-641.7	ODP	5.88	2.53	1.29	0.431	1.958	4.546	1401.	40.	3.	757.6	33.2	1
581	0	520	37.2792	89.5689	-643.5	ODP	6.77	1.74	1.45	0.257	1.201	4.678	1479.	31.	3.	757.6	33.3	1
582	10	524	37.2792	89.5682	-646.0	ODP	5.32	1.37	1.35	0.0	0.0	3.948	1458.	44.	3.	756.6	33.3	1
583	0	524	37.2792	89.5675	-647.5	ODP	5.55	3.20	0.91	0.576	3.513	6.097	1401.	43.	4.	758.7	33.4	1

CP 9 LP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
584	0	524	37.2792	89.5668	-649.5		ODP	6.28	3.73	0.98	0.593	3.802	6.409	1380.	49.	0.	758.7	33.4	1
585	0	536	37.2793	89.5660	-652.0		ODP	6.33	5.45	0.85	0.861	6.419	7.454	1411.	39.	0.	757.6	33.4	1
586	0	536	37.2793	89.5653	-653.7		ODP	6.76	2.02	1.20	0.299	1.687	5.639	1457.	48.	0.	758.7	33.3	1
587	0	540	37.2793	89.5646	-655.7		ODP	10.66	1.83	1.34	0.172	1.367	7.952	1610.	44.	0.	757.1	33.3	1
588	0	528	37.2794	89.5639	-657.7		ODP	6.52	3.06	1.52	0.469	2.008	4.282	1576.	43.	0.	756.1	33.3	1
589	0	524	37.2794	89.5630	-660.0		ODP	8.70	2.11	1.40	0.243	1.513	6.232	1579.	48.	0.	758.1	33.3	1
590	10	540	37.2794	89.5623	-661.5		ODP	8.79	1.23	1.52	0.0	0.0	5.795	1622.	35.	0.	758.1	33.3	1
591	0	548	37.2794	89.5616	-663.7		ODP	7.78	2.70	1.08	0.347	2.507	7.231	1670.	33.	0.	757.6	33.2	1
592	0	548	37.2794	89.5609	-665.2		ODP	9.42	2.57	1.43	0.273	1.802	6.594	1654.	47.	0.	757.6	33.2	1
593	0	540	37.2795	89.5601	-668.0		ODP	10.84	1.92	1.53	0.177	1.256	7.081	1629.	37.	0.	756.6	33.2	1
594	0	524	37.2795	89.5594	-670.0		ODP	5.79	3.09	1.16	0.533	2.653	4.973	1463.	49.	0.	757.6	33.1	1
595	0	504	37.2795	89.5587	-671.2		ODP	5.43	2.58	1.54	0.475	1.671	3.515	1497.	44.	0.	758.1	33.2	1
596	0	492	37.2795	89.5579	-674.0		ODP	6.90	3.03	0.82	0.439	3.685	8.397	1369.	37.	0.	758.1	33.1	1
597	0	464	37.2795	89.5572	-676.0		ODP	5.23	2.36	1.16	0.452	2.036	4.506	1258.	36.	0.	758.7	33.1	1
598	0	508	37.2795	89.5565	-678.0		ODP	5.62	3.97	0.66	0.705	5.968	8.463	1249.	38.	0.	757.6	33.2	1
599	0	516	37.2796	89.5557	-679.5		ODP	5.68	1.76	1.04	0.310	1.695	5.475	1218.	53.	2.	757.1	33.2	1
600	0	512	37.2796	89.5550	-681.5		ODP	4.52	1.59	1.15	0.352	1.384	3.932	1165.	51.	0.	757.6	33.2	1
601	0	520	37.2796	89.5543	-684.0		ODP	6.68	2.25	1.03	0.336	2.176	6.470	1224.	34.	0.	758.1	33.3	1
602	0	524	37.2797	89.5535	-685.5		ODP	8.59	2.79	1.00	0.325	2.781	8.561	1223.	35.	0.	757.6	33.3	1
603	0	528	37.2797	89.5528	-688.0		ODP	4.01	2.02	1.06	0.502	1.909	3.800	1290.	46.	1.	757.6	33.3	1
604	0	528	37.2797	89.5520	-691.0		ODP	7.17	1.81	1.30	0.253	1.394	5.516	1215.	46.	1.	757.6	33.3	1
605	10	532	37.2798	89.5513	-693.5		ODP	6.28	0.62	1.35	0.0	0.0	4.640	1407.	45.	5.	757.6	33.4	1
606	10	528	37.2798	89.5506	-695.2		ODP	5.89	1.15	1.49	0.0	0.0	3.950	1477.	44.	5.	758.1	33.4	1
607	0	524	37.2798	89.5499	-695.5		ODP	7.40	3.74	1.07	0.505	3.497	6.928	1438.	45.	1.	758.7	33.4	1
608	10	520	37.2798	89.5491	-696.2		ODP	4.82	1.56	1.21	0.0	0.0	3.985	1322.	54.	5.	758.1	33.4	1
609	0	508	37.2798	89.5484	-696.5		ODP	5.25	2.17	1.19	0.414	1.821	4.399	1322.	46.	1.	757.6	33.4	1
610	10	500	37.2798	89.5476	-701.2		ODP	4.29	1.40	1.59	0.0	0.0	2.694	1329.	35.	4.	757.6	33.4	1
611	10	408	37.2799	89.5469	-703.5		ODP	6.51	1.17	0.98	0.0	0.0	6.636	1274.	37.	3.	757.6	33.4	1
612	0	404	37.2799	89.5462	-707.0		CDP	4.00	1.29	1.07	0.322	1.200	3.723	1207.	54.	0.	758.1	33.5	1
613	0	408	37.2799	89.5454	-710.5		ODP	6.06	1.62	0.97	0.267	1.665	6.231	1282.	30.	0.	758.1	33.6	1
614	10	468	37.2800	89.5447	-713.2		ODP	6.93	0.14	1.32	0.0	0.0	5.261	1377.	39.	2.	758.1	33.6	1
615	0	508	37.2800	89.5440	-716.7		ODP	6.13	2.84	1.21	0.464	2.354	5.072	1333.	43.	0.	758.1	33.7	1
616	0	516	37.2800	89.5432	-719.0		ODP	6.75	1.68	1.12	0.249	1.501	6.038	1352.	38.	0.	758.1	33.7	1
617	0	520	37.2800	89.5425	-719.7		ODP	6.87	1.77	1.38	0.258	1.280	4.964	1345.	22.	0.	758.7	33.7	1
618	0	516	37.2800	89.5418	-721.0		ODP	5.78	2.58	0.92	0.446	2.804	6.290	1260.	33.	0.	758.7	33.7	1
619	0	512	37.2800	89.5410	-720.0		ODP	5.48	2.50	1.06	0.456	2.356	5.170	1229.	30.	0.	759.2	33.6	1
620	0	512	37.2801	89.5403	-716.7		ODP	5.07	2.70	1.12	0.532	2.411	4.529	1285.	39.	0.	759.2	33.6	1
621	0	504	37.2801	89.5396	-712.5		ODP	3.53	1.45	0.98	0.410	1.483	3.614	1128.	48.	2.	758.1	33.6	1
622	10	492	37.2801	89.5389	-697.2		ODP	5.81	1.25	1.33	0.0	0.0	4.359	1241.	53.	2.	758.7	33.6	1
623	10	492	37.2802	89.5381	-687.0		QAL	6.79	1.15	0.89	0.0	0.0	7.602	1212.	33.	2.	758.7	33.6	1
624	10	492	37.2802	89.5374	-704.7		QAL	6.71	1.30	1.40	0.0	0.0	4.798	1142.	50.	0.	758.1	33.6	1
625	10	492	37.2802	89.5367	-731.5		QAL	5.95	1.04	1.08	0.0	0.0	5.513	1259.	39.	5.	758.7	33.6	1
626	10	512	37.2802	89.5359	-743.2		QAL	4.53	1.15	1.43	0.0	0.0	3.165	1336.	45.	2.	758.7	33.6	1
627	10	512	37.2802	89.5351	-748.5		QAL	5.52	0.24	1.42	0.0	0.0	3.877	1351.	47.	4.	758.7	33.6	1
628	0	508	37.2803	89.5344	-752.7		QAL	4.90	2.80	1.55	0.572	1.808	3.161	1453.	37.	1.	758.7	33.6	1
629	0	504	37.2803	89.5337	-754.5		QAL	7.40	2.73	1.38	0.369	1.978	5.355	1432.	37.	0.	758.1	33.6	1
630	0	500	37.2803	89.5330	-757.7		QAL	5.95	2.67	1.11	0.449	2.406	5.357	1352.	37.	2.	758.7	33.5	1
631	0	500	37.2803	89.5322	-760.2		QAL	7.36	2.24	1.21	0.305	1.860	6.102	1392.	37.	2.	759.2	33.5	1
632	0	500	37.2803	89.5315	-763.0		QAL	6.00	1.67	1.23	0.278	1.359	4.881	1380.	43.	1.	759.2	33.5	1
633	0	500	37.2804	89.5307	-763.0		QAL	4.98	1.55	1.06	0.310	1.463	4.712	1312.	46.	5.	758.7	33.5	1
634	10	504	37.2804	89.5300	-763.0		QAL	4.78	1.43	1.12	0.0	0.0	4.256	1187.	37.	3.	759.2	33.5	1
635	0	508	37.2804	89.5292	-761.5		QAL	4.47	1.58	1.13	0.355	1.405	3.962	1185.	36.	3.	759.2	33.5	1
636	0	508	37.2804	89.5285	-762.5		QAL	4.86	2.58	0.98	0.531	2.641	4.974	1207.	39.	4.	757.6	33.5	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
637	0	508	37.2805	89.5278	-766.0		QAL	6.52	3.25	0.99	0.499	3.286	6.581	1349.	33.	0.	757.6	33.6	1
638	10	512	37.2805	89.5271	-769.7		QAL	7.55	0.57	1.31	0.0	0.0	5.749	1359.	41.	2.	759.2	33.6	1
639	0	516	37.2805	89.5264	-772.5		QAL	3.99	1.66	0.93	0.416	1.786	4.296	1266.	25.	1.	758.7	33.6	1
640	0	516	37.2806	89.5255	-774.7		QAL	4.99	2.49	0.80	0.499	3.115	6.244	1104.	36.	1.	758.7	33.5	1
641	0	512	37.2806	89.5248	-774.0		QAL	5.00	1.64	1.10	0.327	1.489	4.554	898.	30.	0.	759.2	33.5	1
642	0	516	37.2806	89.5241	-775.7		QAL	1.70	1.66	0.39	0.978	4.234	4.331	563.	33.	2.	759.2	33.5	1
643	110	512	37.2806	89.5234	-780.5	(WATER)		1.04	0.24	0.36	0.0	0.0	0.0	326.	35.	1.	759.2	33.4	1
644	111	508	37.2806	89.5227	-784.5	(WATER)		0.96	0.12	0.15	0.0	0.0	0.0	100.	45.	1.	758.7	33.4	1
645	101	504	37.2806	89.5219	-787.2	(WATER)		0.12	1.03	0.14	0.0	0.0	0.0	77.	36.	0.	758.7	33.4	1
646	111	504	37.2807	89.5212	-794.0	(WATER)		0.38	0.18	-0.03	0.0	0.0	0.0	39.	41.	0.	760.7	33.4	1
647	111	504	37.2807	89.5205	-797.5	(WATER)		0.97	-0.43	0.09	0.0	0.0	0.0	74.	25.	1.	759.7	33.4	1
648	111	504	37.2807	89.5197	-799.2	(WATER)		1.04	-0.36	0.02	0.0	0.0	0.0	44.	30.	0.	758.7	33.5	1
649	111	508	37.2808	89.5189	-803.7	(WATER)		0.02	-0.26	0.02	0.0	0.0	0.0	-24.	43.	0.	759.7	33.5	1
650	111	512	37.2808	89.5182	-804.5	(WATER)		0.01	-0.17	0.01	0.0	0.0	0.0	19.	36.	0.	758.7	33.5	1
651	111	520	37.2808	89.5175	-804.7	(WATER)		-0.04	0.49	0.04	0.0	0.0	0.0	37.	32.	0.	758.7	33.5	1
652	111	528	37.2809	89.5167	-806.2	(WATER)		0.03	-0.37	0.14	0.0	0.0	0.0	75.	41.	0.	760.7	33.4	1
653	110	532	37.2809	89.5161	-807.7	(WATER)		0.70	-0.12	0.27	0.0	0.0	0.0	140.	31.	0.	759.7	33.4	1
654	110	528	37.2809	89.5153	-809.2	(WATER)		0.71	0.01	0.19	0.0	0.0	0.0	122.	51.	0.	758.7	33.4	1
655	10	528	37.2809	89.5146	-812.5	(WATER)		1.53	0.19	0.29	0.0	0.0	5.245	248.	38.	0.	759.7	33.5	1
656	110	524	37.2809	89.5139	-813.5	(WATER)		-0.02	0.06	0.23	0.0	0.0	0.0	222.	41.	2.	759.7	33.4	1
657	10	520	37.2809	89.5131	-815.0	(WATER)		2.29	-1.08	0.39	0.0	0.0	5.835	304.	41.	0.	758.7	33.4	1
658	110	512	37.2810	89.5124	-816.2	(WATER)		0.78	-0.73	0.40	0.0	0.0	0.0	377.	34.	5.	759.7	33.4	1
659	10	496	37.2810	89.5116	-817.5	(WATER)		1.77	0.66	0.52	0.0	0.0	3.436	597.	37.	4.	761.2	33.4	1
660	0	484	37.2810	89.5109	-819.2	(WATER)		4.12	2.31	0.81	0.561	2.866	5.105	928.	34.	1.	760.2	33.4	1
661	0	468	37.2811	89.5101	-821.5	(WATER)		5.56	2.45	1.19	0.441	2.057	4.666	1097.	36.	0.	758.1	33.6	1
662	10	464	37.2811	89.5094	-823.7	(WATER)		8.75	1.33	1.12	0.0	0.0	7.816	1279.	35.	2.	759.2	33.6	1
663	0	460	37.2811	89.5087	-825.7		QAL	4.80	2.82	1.03	0.587	2.724	4.641	1366.	38.	0.	760.2	33.6	1
664	0	444	37.2811	89.5080	-827.0		QAL	5.83	3.37	1.19	0.578	2.844	4.922	1395.	32.	0.	759.7	33.6	1
665	0	460	37.2811	89.5072	-830.2		QAL	5.84	3.21	1.47	0.549	2.188	3.984	1495.	40.	2.	758.7	33.6	1
666	0	464	37.2811	89.5065	-833.5		QAL	7.01	1.79	1.09	0.256	1.647	6.446	1640.	46.	1.	758.7	33.6	1
667	0	464	37.2812	89.5058	-834.0		QAL	4.62	1.95	1.42	0.423	1.372	3.245	1605.	43.	6.	760.2	33.6	1
668	0	464	37.2812	89.5050	-836.0		QAL	6.57	2.45	1.46	0.373	1.680	4.505	1665.	46.	3.	761.2	33.6	1
669	0	460	37.2812	89.5042	-840.0		QAL	4.59	3.13	1.50	0.683	2.088	3.058	1583.	44.	7.	760.2	33.6	1
670	0	460	37.2812	89.5035	-841.5		QAL	7.45	3.87	1.55	0.520	2.508	4.822	1694.	56.	0.	759.2	33.6	1
671	0	456	37.2812	89.5028	-841.5		QAL	6.12	2.32	1.70	0.378	1.362	3.598	1646.	45.	0.	758.7	33.6	1
672	0	460	37.2813	89.5021	-845.2		QAL	7.90	1.58	1.77	0.200	0.895	4.469	1650.	38.	2.	759.7	33.6	1
673	10	460	37.2813	89.5013	-847.5		QAL	6.70	1.32	1.58	0.0	0.0	4.234	1503.	56.	1.	761.2	33.6	1
674	10	456	37.2813	89.5006	-849.0		QAL	7.18	1.31	1.60	0.0	0.0	4.497	1548.	49.	0.	761.2	33.6	1
675	0	456	37.2814	89.4999	-850.7		QAL	7.23	1.51	1.58	0.209	0.956	4.577	1519.	38.	0.	760.7	33.5	1
676	0	456	37.2814	89.4992	-852.2		QAL	7.07	3.08	1.43	0.435	2.149	4.936	1523.	40.	0.	759.7	33.5	1
677	0	448	37.2814	89.4985	-855.7		QAL	6.35	1.85	1.36	0.290	1.353	4.658	1489.	41.	1.	760.2	33.5	1
678	0	444	37.2814	89.4976	-859.0		QAL	8.74	2.25	1.39	0.257	1.613	6.275	1630.	28.	0.	761.2	33.5	1
679	0	440	37.2814	89.4969	-859.5		QAL	8.71	1.76	1.31	0.203	1.344	6.634	1548.	36.	0.	760.7	33.5	1
680	10	440	37.2814	89.4962	-860.5		QAL	5.58	0.97	1.42	0.0	0.0	3.941	1411.	51.	0.	760.7	33.6	1
681	0	444	37.2815	89.4955	-864.0		QAL	5.01	2.70	1.11	0.539	2.430	4.506	1522.	30.	0.	760.7	33.6	1
682	0	452	37.2815	89.4947	-865.7		QAL	6.31	3.18	1.58	0.504	2.009	3.985	1565.	35.	0.	759.2	33.6	1
683	0	452	37.2815	89.4940	-868.7		QAL	8.15	1.66	1.69	0.204	0.982	4.812	1617.	43.	0.	759.2	33.6	1
684	10	452	37.2816	89.4933	-872.7		QAL	7.79	0.95	1.70	0.0	0.0	4.590	1656.	26.	0.	760.7	33.6	1
685	0	460	37.2816	89.4926	-873.7		QAL	7.32	3.21	1.35	0.438	2.383	5.441	1598.	45.	0.	760.7	33.6	1
686	0	460	37.2816	89.4917	-874.7		QAL	7.49	4.30	1.28	0.574	3.351	5.837	1639.	27.	0.	760.7	33.6	1
687	0	456	37.2816	89.4910	-877.5		QAL	6.11	2.40	1.48	0.392	1.616	4.122	1569.	43.	0.	760.7	33.6	1
688	0	456	37.2816	89.4903	-879.2		QAL	8.85	1.71	1.67	0.194	1.027	5.300	1705.	37.	0.	759.7	33.5	1
689	0	456	37.2817	89.4896	-880.7		QAL	6.43	2.74	1.61	0.426	1.701	3.988	1720.	41.	0.	758.7	33.6	1

CP9 IP12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
690	0	456	37.2817	89.4888	-883.7	QAL	4.49	2.55	1.48	0.568	1.717	3.024	1665.	38.	0.	758.7.	33.5	1
691	0	460	37.2817	89.4881	-886.7	QAL	8.35	3.35	1.56	0.400	2.145	5.355	1785.	39.	1.	760.7	33.6	1
692	0	460	37.2817	89.4874	-888.2	QAL	8.05	3.72	1.41	0.463	2.648	5.725	1758.	26.	1.	761.8	33.6	1
693	0	460	37.2818	89.4866	-890.0	QAL	7.95	3.76	1.47	0.473	2.568	5.425	1855.	36.	0.	760.7	33.6	1
694	10	460	37.2818	89.4859	-893.5	QAL	10.48	1.54	1.81	0.0	0.0	5.801	1837.	28.	3.	760.7	33.4	1
695	0	464	37.2818	89.4851	-896.0	QAL	8.52	3.22	1.50	0.377	2.142	5.677	1806.	36.	3.	760.7	33.6	1
696	0	460	37.2818	89.4844	-896.5	QAL	8.49	2.87	1.52	0.338	1.882	5.570	1815.	31.	2.	758.7	33.6	1
697	0	460	37.2818	89.4837	-899.0	QAL	7.33	3.35	1.51	0.457	2.221	4.861	1786.	36.	1.	758.7	33.6	1
698	10	460	37.2819	89.4830	-901.2	QAL	9.91	0.97	1.68	0.0	0.0	5.884	1737.	49.	1.	758.7	33.6	1
699	0	464	37.2819	89.4822	-902.7	QAL	7.90	2.10	1.46	0.266	1.438	5.410	1736.	47.	3.	758.7	33.6	1
700	0	464	37.2819	89.4815	-903.5	QAL	6.49	2.81	1.58	0.434	1.777	4.095	1742.	40.	3.	759.2	33.6	1
701	10	468	37.2819	89.4807	-905.5	QAL	6.72	1.43	1.63	0.0	0.0	4.125	1632.	44.	4.	759.2	33.7	1
702	0	464	37.2820	89.4800	-907.5	QAL	9.10	2.71	1.45	0.298	1.872	6.286	1582.	41.	0.	759.2	33.6	1
703	0	476	37.2820	89.4793	-909.2	QAL	7.93	3.24	1.60	0.409	2.032	4.970	1657.	42.	0.	759.2	33.6	1
704	0	476	37.2820	89.4785	-912.7	QAL	8.27	1.62	1.63	0.196	0.997	5.080	1810.	24.	1.	759.2	33.6	1
705	0	472	37.2820	89.4778	-914.2	QAL	5.39	2.72	1.59	0.505	1.714	3.396	1763.	44.	3.	758.1	33.6	1
706	0	468	37.2820	89.4771	-916.0	QAL	7.34	2.59	1.54	0.353	1.677	4.757	1719.	44.	0.	759.2	33.6	1
707	10	468	37.2821	89.4763	-917.7	QAL	7.97	1.37	1.66	0.0	0.0	4.795	1797.	40.	1.	759.2	33.6	1
708	0	468	37.2821	89.4756	-920.7	QAL	6.22	1.47	1.63	0.237	0.900	3.806	1656.	40.	2.	758.7	33.6	1
709	0	460	37.2821	89.4749	-923.0	QAL	8.64	3.14	1.52	0.363	2.063	5.676	1841.	35.	0.	758.7	33.6	1
710	0	464	37.2822	89.4741	-924.5	QAL	10.48	2.00	1.56	0.191	1.284	6.728	1729.	46.	0.	758.7	33.6	1
711	0	464	37.2822	89.4734	-927.0	QAL	7.61	4.58	1.91	0.602	2.395	3.979	1868.	46.	0.	758.7	33.7	1
712	0	464	37.2822	89.4727	-928.5	QAL	5.75	2.79	1.80	0.486	1.555	3.201	1798.	46.	0.	759.2	33.7	1
713	0	464	37.2822	89.4719	-929.2	QAL	8.27	2.96	1.48	0.357	2.003	5.603	1775.	46.	0.	758.7	33.8	1
714	0	468	37.2822	89.4712	-931.7	QAL	8.03	2.47	1.63	0.308	1.51	4.923	1807.	46.	0.	758.7	33.8	1
715	0	468	37.2822	89.4705	-932.2	QAL	7.40	2.47	1.27	0.334	1.942	5.820	1758.	35.	0.	758.7	33.8	1
716	0	472	37.2823	89.4697	-934.7	QAL	9.02	2.57	1.61	0.285	1.593	5.594	1842.	35.	0.	758.7	33.8	1
717	0	468	37.2823	89.4690	-936.0	QAL	6.72	3.10	1.49	0.461	2.074	4.500	1817.	40.	0.	758.7	33.9	1
718	0	472	37.2823	89.4683	-937.7	QAL	9.00	3.20	1.65	0.356	1.945	5.470	1810.	32.	0.	758.7	34.0	1
719	0	472	37.2824	89.4675	-940.7	QAL	5.73	2.74	1.58	0.478	1.738	3.634	1718.	44.	0.	758.7	34.0	1
720	0	476	37.2824	89.4668	-941.7	QAL	5.44	3.73	1.53	0.685	2.431	3.550	1555.	65.	0.	758.7	33.9	1
721	0	476	37.2824	89.4660	-942.7	QAL	7.82	4.06	1.08	0.519	3.764	7.250	1517.	30.	0.	758.7	33.9	1
722	0	472	37.2824	89.4653	-944.7	QAL	6.57	2.00	1.22	0.305	1.641	5.383	1408.	34.	3.	758.7	33.8	1
723	0	472	37.2824	89.4646	-946.2	QAL	5.89	3.33	0.78	0.565	4.259	7.536	1302.	40.	4.	758.7	33.8	1
724	0	472	37.2824	89.4638	-947.2	QAL	5.50	2.44	0.87	0.443	2.783	6.286	1364.	32.	5.	758.7	33.8	1
725	0	472	37.2825	89.4631	-949.0	QAL	6.39	2.14	1.14	0.336	1.877	5.594	1305.	28.	1.	759.7	33.8	1
726	0	472	37.2825	89.4624	-949.2	QAL	3.65	1.43	1.06	0.393	1.359	3.458	1219.	39.	6.	759.7	33.8	1
727	0	464	37.2825	89.4617	-950.5	QAL	6.11	3.09	1.17	0.506	2.644	5.227	1451.	34.	3.	759.7	33.8	1
728	0	464	37.2826	89.4609	-952.5	QAL	7.65	2.54	1.01	0.332	2.515	7.569	1480.	34.	4.	759.7	33.8	1
729	0	456	37.2826	89.4601	-953.7	QAL	7.46	1.54	1.27	0.207	1.216	5.879	1484.	34.	0.	760.7	33.8	1
730	10	456	37.2826	89.4594	-955.0	QAL	9.11	0.41	1.19	0.0	0.0	7.673	1442.	42.	3.	761.2	33.8	1
731	10	456	37.2827	89.4587	-956.5	QAL	6.69	0.54	1.37	0.0	0.0	4.875	1430.	38.	7.	761.2	33.8	1
732	0	456	37.2827	89.4580	-957.7	QAL	7.19	3.23	1.26	0.449	2.571	5.728	1517.	39.	5.	761.2	33.8	1
733	0	452	37.2827	89.4572	-960.0	QAL	6.28	2.30	1.25	0.367	1.837	5.003	1559.	52.	8.	760.2	33.8	1
734	0	460	37.2827	89.4565	-960.2	QAL	6.89	2.52	1.45	0.365	1.736	4.756	1660.	42.	6.	760.2	33.8	1
735	10	460	37.2827	89.4558	-962.0	QAL	8.68	0.81	1.48	0.0	0.0	5.860	1734.	46.	8.	760.2	33.8	1
736	0	468	37.2827	89.4550	-962.7	QAL	7.41	2.37	1.36	0.319	1.741	5.451	1721.	23.	7.	759.2	33.8	1
737	0	468	37.2828	89.4542	-963.7	QAL	8.16	3.46	1.27	0.424	2.723	6.427	1733.	42.	6.	759.2	33.8	1
738	10	468	37.2828	89.4535	-965.5	QAL	10.21	1.09	1.14	0.0	0.0	8.933	1486.	44.	5.	758.7	33.7	1
739	0	468	37.2828	89.4528	-966.5	QAL	7.19	3.13	1.07	0.436	2.918	6.695	1485.	46.	1.	759.2	33.7	1
740	0	464	37.2829	89.4521	-967.5	QAL	6.09	3.83	1.17	0.628	3.270	5.208	1646.	42.	0.	760.7	33.7	1
741	0	464	37.2829	89.4513	-969.7	QAL	8.17	2.82	1.31	0.345	2.161	6.259	1596.	51.	0.	760.7	33.7	1
742	0	460	37.2829	89.4506	-970.0	QAL	7.73	2.19	1.31	0.283	1.667	5.895	1547.	47.	0.	761.8	33.7	1

CP 9 IP 12

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
743	0	456	37.2829	89.4499	-970.5	QAL	10.26	2.52	1.23	0.246	2.055	8.369	1582.	37.	0.	761.8	33.8	1
744	0	452	37.2829	89.4492	-971.7	QAL	6.62	3.38	1.24	0.511	2.732	5.348	1550.	34.	0.	760.2	33.7	1
745	0	444	37.2829	89.4484	-973.0	QAL	7.41	2.22	1.31	0.299	1.690	5.648	1500.	26.	0.	759.2	33.7	1
746	0	444	37.2829	89.4476	-973.0	QAL	5.10	3.00	1.20	0.588	2.492	4.236	1443.	45.	0.	759.2	33.8	1
747	0	448	37.2829	89.4469	-974.0	QAL	9.27	2.11	1.29	0.227	1.639	7.207	1545.	34.	0.	759.2	33.8	1
748	0	452	37.2829	89.4462	-975.5	QAL	7.43	2.31	1.31	0.311	1.759	5.659	1604.	41.	0.	760.2	33.8	1
749	0	456	37.2829	89.4455	-976.2	QAL	6.88	2.24	1.39	0.325	1.612	4.961	1562.	32.	0.	760.7	33.8	1
750	0	456	37.2829	89.4447	-978.2	QAL	6.38	2.26	1.19	0.355	1.907	5.374	1533.	35.	0.	760.7	33.8	1
751	10	456	37.2829	89.4440	-979.2	QAL	6.71	1.28	1.23	0.0	0.0	5.435	1584.	41.	0.	760.7	33.8	1
752	0	460	37.2829	89.4433	-979.5	QAL	6.75	2.31	1.25	0.343	1.850	5.400	1551.	32.	0.	759.7	33.8	1
753	10	464	37.2829	89.4426	-981.7	QAL	8.31	0.40	1.64	0.0	0.0	5.058	1526.	45.	0.	758.7	33.8	1
754	0	464	37.2829	89.4418	-982.0	QAL	5.23	2.96	1.57	0.567	1.885	3.327	1515.	33.	4.	758.7	33.7	1
755	0	464	37.2829	89.4410	-982.5	QAL	5.67	1.93	1.45	0.340	1.326	3.902	1486.	44.	0.	760.2	33.7	1
756	0	460	37.2830	89.4403	-985.5	QAL	6.48	2.25	1.43	0.348	1.580	4.544	1424.	40.	0.	760.2	33.7	1
757	0	460	37.2830	89.4396	-985.5	QAL	4.51	2.28	1.24	0.506	1.834	3.626	1392.	43.	6.	759.2	33.7	1
758	0	460	37.2830	89.4389	-988.0	QAL	4.95	2.64	1.35	0.533	1.956	3.667	1465.	42.	4.	1742.8	14.7	1
759	0	460	37.2829	89.4382	-990.0	QAL	5.25	2.97	1.46	0.566	2.034	3.596	1538.	40.	2.	1747.9	14.7	1
760	111	464	37.2829	89.4373	-989.0	QAL	7.80	1.94	1.38	0.0	0.0	0.0	1648.	41.	3.	758.1	33.7	1
761	0	460	37.2829	89.4367	-990.2	QAL	5.50	3.17	1.59	0.576	1.988	3.452	1612.	39.	1.	761.2	33.8	1
762	10	456	37.2829	89.4359	-991.0	QAL	9.18	0.86	1.31	0.0	0.0	7.002	1575.	42.	2.	761.2	33.8	1
763	0	456	37.2829	89.4352	-992.7	QAL	11.33	2.48	0.94	0.219	2.627	12.009	1588.	37.	0.	760.7	33.8	1
764	0	460	37.2829	89.4345	-992.7	QAL	7.28	2.51	1.32	0.344	1.898	5.512	1574.	39.	0.	759.7	33.8	1
765	10	460	37.2829	89.4337	-994.0	QAL	8.93	1.01	1.43	0.0	0.0	6.253	1549.	43.	1.	759.7	33.8	1
766	10	456	37.2829	89.4330	-994.7	QAL	8.98	1.18	1.33	0.0	0.0	6.735	1568.	32.	2.	760.2	33.8	1
767	10	456	37.2829	89.4323	-996.0	QAL	9.12	1.43	1.23	0.0	0.0	7.434	1588.	33.	2.	761.2	33.8	1
768	10	452	37.2829	89.4316	-996.5	QAL	7.18	1.47	1.32	0.0	0.0	5.462	1547.	41.	5.	761.8	33.8	1
769	0	452	37.2829	89.4308	-998.5	QAL	7.13	3.35	1.28	0.470	2.625	5.585	1633.	35.	0.	760.7	33.8	1
770	0	448	37.2829	89.4300	-998.2	QAL	9.77	2.20	1.36	0.225	1.622	7.199	1687.	48.	0.	759.7	33.8	1
771	10	452	37.2829	89.4293	-1000.0	QAL	8.46	1.34	1.43	0.0	0.0	5.906	1632.	42.	4.	759.7	33.8	1
772	0	456	37.2829	89.4286	-1000.7	QAL	8.49	2.68	1.06	0.316	2.532	8.020	1639.	41.	0.	760.7	33.8	1
773	0	456	37.2829	89.4279	-1000.2	QAL	7.44	4.32	1.53	0.580	2.815	4.852	1638.	44.	0.	760.7	33.8	1
774	0	456	37.2829	89.4272	-1001.5	QAL	7.18	2.97	1.35	0.413	2.192	5.308	1660.	45.	0.	760.7	33.8	1
775	0	464	37.2829	89.4264	-1002.2	QAL	6.71	1.64	1.65	0.245	0.994	4.059	1558.	41.	0.	759.7	33.8	1
776	0	460	37.2829	89.4257	-1002.5	QAL	9.47	1.84	1.19	0.195	1.549	7.961	1593.	41.	3.	758.7	33.7	1
777	0	464	37.2829	89.4250	-1003.2	QAL	5.78	3.07	1.48	0.531	2.069	3.894	1594.	45.	1.	759.7	33.7	1
778	0	464	37.2829	89.4242	-1004.2	QAL	9.14	1.82	1.55	0.199	1.173	5.903	1628.	46.	0.	760.7	33.6	1
779	0	468	37.2829	89.4235	-1005.2	QAL	7.12	2.33	1.58	0.328	1.475	4.496	1580.	39.	2.	760.7	33.6	1
780	0	464	37.2829	89.4227	-1005.5	QAL	8.59	2.14	1.24	0.249	1.725	6.938	1621.	43.	0.	759.7	33.6	1
781	0	464	37.2829	89.4220	-1005.2	QAL	6.59	3.26	1.44	0.495	2.261	4.567	1506.	42.	2.	758.7	33.6	1
782	0	456	37.2829	89.4213	-1005.5	QAL	4.98	2.25	1.13	0.452	1.993	4.409	1351.	44.	2.	758.7	33.6	1
783	0	484	37.2829	89.4206	-1006.0	QAL	8.83	1.92	1.13	0.217	1.701	7.839	1342.	40.	4.	759.7	33.6	1
784	0	484	37.2829	89.4199	-1006.2	QAL	4.78	1.83	1.24	0.382	1.475	3.864	1293.	43.	0.	759.7	33.5	1
785	10	496	37.2829	89.4191	-1006.2	QAL	5.36	1.25	1.44	0.0	0.0	3.729	1468.	47.	2.	758.7	33.5	1
786	0	500	37.2829	89.4184	-1005.2	QAL	5.43	2.39	1.28	0.440	1.867	4.246	1470.	39.	0.	758.1	33.4	1
787	0	496	37.2829	89.4176	-1006.0	QAL	5.68	1.92	1.38	0.338	1.392	4.113	1418.	46.	0.	758.1	33.4	1
788	0	464	37.2829	89.4169	-1005.2	QAL	6.64	1.87	0.95	0.282	1.979	7.016	1273.	37.	0.	758.7	33.4	1
789	0	492	37.2829	89.4162	-1004.5	QAL	4.68	2.62	0.97	0.559	2.690	4.811	1269.	34.	0.	759.7	33.3	1
790	0	552	37.2829	89.4154	-1004.5	QAL	5.04	1.76	1.58	0.349	1.115	3.199	1434.	29.	0.	758.7	33.3	1
791	0	576	37.2829	89.4147	-1005.5	QAL	6.75	1.84	1.23	0.272	1.489	5.475	1413.	38.	0.	756.6	33.2	1
792	0	500	37.2829	89.4140	-1004.0	QAL	3.71	1.50	1.42	0.405	1.056	2.607	1262.	39.	0.	756.6	33.2	1
793	0	388	37.2829	89.4133	-1004.0	QAL	6.03	2.15	0.93	0.357	2.315	6.485	1146.	30.	0.	757.6	33.2	1
794	0	372	37.2829	89.4125	-1004.7	QAL	5.09	2.95	0.85	0.580	3.489	6.020	1049.	40.	0.	757.6	33.1	1
795	0	376	37.2829	89.4117	-1003.5	QAL	3.91	2.06	0.98	0.526	2.098	3.988	1061.	43.	0.	757.6	33.0	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
796	10	424	37.2829	89.4110	-1003.0	QAL	5.37	0.89	0.99	0.0	0.0	5.397	1112.	31.	0.	755.5	32.9	1
797	0	456	37.2829	89.4103	-1001.7	QAL	3.89	2.07	0.91	0.532	2.267	4.260	1087.	45.	0.	755.5	32.9	1
798	0	436	37.2829	89.4096	-1001.7	QAL	4.52	1.59	0.93	0.351	1.712	4.877	1126.	32.	0.	757.6	32.9	1
799	0	444	37.2829	89.4088	-1001.2	DU	4.67	2.46	0.68	0.527	3.646	6.916	1104.	41.	4.	758.1	32.9	1
800	10	420	37.2829	89.4081	-1000.5	DU	4.00	1.03	0.77	0.0	0.0	5.173	1035.	53.	0.	756.6	32.8	1
801	0	420	37.2829	89.4073	-999.0	DU	5.21	2.00	0.74	0.385	2.707	7.033	1099.	47.	4.	754.5	32.8	1
802	0	436	37.2829	89.4067	-997.7	DU	4.80	1.70	1.10	0.355	1.547	4.359	1108.	37.	4.	754.5	32.8	1
803	0	432	37.2829	89.4059	-996.2	DU	5.47	2.40	0.65	0.438	3.690	8.429	1108.	35.	6.	756.1	32.8	1
804	0	448	37.2829	89.4052	-995.7	DU	5.15	1.89	0.82	0.366	2.290	6.255	1115.	33.	5.	757.1	32.7	1
805	10	492	37.2829	89.4044	-994.7	DU	4.56	1.52	1.09	0.0	0.0	4.185	1243.	42.	10.	756.1	32.7	1
806	10	460	37.2829	89.4037	-995.0	DU	4.34	1.39	0.92	0.0	0.0	4.740	1127.	38.	6.	755.0	32.7	1
807	0	424	37.2829	89.4030	-992.7	DU	3.43	1.80	0.71	0.525	2.522	4.807	1063.	40.	8.	755.0	32.7	1
808	0	412	37.2829	89.4022	-991.7	DU	4.39	2.30	0.78	0.523	2.956	5.652	1058.	46.	4.	756.1	32.7	1
809	10	412	37.2829	89.4015	-990.7	DU	5.30	0.67	0.84	0.0	0.0	6.303	1030.	36.	2.	756.6	32.7	1
810	10	428	37.2829	89.4007	-988.5	DU	5.17	0.43	1.09	0.0	0.0	4.760	1110.	36.	2.	755.5	32.7	1
811	0	404	37.2828	89.4000	-988.0	DU	3.67	1.73	1.13	0.470	1.534	3.265	1038.	34.	0.	753.5	32.7	1
812	10	424	37.2828	89.3993	-986.5	DU	7.09	1.21	0.72	0.0	0.0	9.815	1105.	32.	0.	754.5	32.7	1
813	10	416	37.2828	89.3986	-985.7	DU	5.49	1.08	0.92	0.0	0.0	5.998	1077.	46.	0.	756.6	32.7	1
814	0	412	37.2828	89.3979	-983.2	DU	3.90	1.81	0.74	0.464	2.451	5.285	1087.	29.	0.	756.6	32.7	1
815	0	428	37.2828	89.3971	-981.7	DU	5.80	2.34	0.81	0.404	2.902	7.193	1071.	51.	0.	754.5	32.7	1
816	0	400	37.2828	89.3964	-979.7	DU	4.06	2.20	0.70	0.542	3.153	5.814	998.	51.	0.	754.5	32.7	1
817	0	444	37.2828	89.3956	-978.5	DU	4.91	2.11	0.89	0.429	2.356	5.493	1108.	42.	0.	755.5	32.7	1
818	0	444	37.2828	89.3949	-977.5	DU	4.64	1.57	1.04	0.338	1.503	4.448	1133.	37.	0.	756.6	32.6	1
819	10	408	37.2828	89.3942	-976.5	DU	4.60	0.85	0.87	0.0	0.0	5.277	1045.	54.	0.	756.6	32.7	1
820	10	432	37.2829	89.3934	-974.7	DU	4.75	0.13	1.07	0.0	0.0	4.450	1019.	37.	0.	754.5	32.7	1
821	0	448	37.2829	89.3927	-972.5	DU	5.23	1.52	1.06	0.291	1.437	4.943	1030.	38.	0.	754.5	32.7	1
822	10	436	37.2829	89.3919	-970.7	DU	5.35	0.67	0.92	0.0	0.0	5.820	1104.	45.	2.	755.5	32.8	1
823	10	448	37.2829	89.3912	-968.2	DU	6.08	0.22	1.13	0.0	0.0	5.387	1126.	40.	0.	756.1	32.8	1
824	0	416	37.2829	89.3905	-966.7	DU	4.31	2.97	0.79	0.689	3.779	5.486	1059.	49.	0.	756.1	32.8	1
825	0	400	37.2828	89.3898	-964.5	DU	4.54	2.50	0.59	0.551	4.237	7.697	1095.	36.	0.	755.0	32.9	1
826	0	464	37.2828	89.3891	-962.2	DU	6.38	1.73	0.96	0.271	1.806	6.655	1250.	29.	0.	754.0	32.9	1
827	0	472	37.2828	89.3883	-960.2	DU	5.09	1.47	1.07	0.289	1.371	4.738	1205.	41.	0.	755.0	32.9	1
828	0	452	37.2828	89.3876	-958.7	DU	4.42	1.88	1.13	0.425	1.663	3.909	1237.	32.	0.	756.1	32.8	1
829	10	456	37.2828	89.3868	-956.7	DU	5.99	1.00	0.84	0.0	0.0	7.136	1142.	38.	0.	755.5	32.8	1
830	0	456	37.2828	89.3861	-953.2	DU	5.04	2.40	1.10	0.477	2.189	4.585	1289.	43.	0.	754.5	32.9	1
831	0	428	37.2828	89.3854	-951.5	DU	6.26	2.01	1.01	0.320	1.984	6.197	1272.	39.	0.	754.5	32.9	1
832	0	424	37.2828	89.3846	-948.0	DU	3.95	2.41	1.20	0.612	2.003	3.275	1246.	29.	0.	755.0	32.9	1
833	0	400	37.2828	89.3839	-944.7	DU	4.59	1.85	0.79	0.404	2.354	5.831	1063.	54.	0.	755.0	32.9	1
834	0	372	37.2828	89.3832	-943.0	DU	4.71	2.30	0.86	0.487	2.681	5.504	1067.	41.	0.	755.0	32.9	1
835	0	392	37.2828	89.3824	-941.0	DU	3.80	1.44	0.79	0.378	1.807	4.782	1011.	36.	0.	754.0	32.9	1
836	10	416	37.2828	89.3817	-938.7	DU	6.29	1.04	0.73	0.0	0.0	8.678	1037.	43.	0.	753.5	32.9	1
837	0	432	37.2828	89.3810	-935.7	DU	4.73	1.30	0.98	0.275	1.323	4.812	1099.	40.	0.	754.5	32.9	1
838	0	472	37.2828	89.3803	-933.0	DU	3.18	2.84	0.99	0.893	2.868	3.211	1136.	49.	0.	755.5	32.9	1
839	10	556	37.2828	89.3795	-928.5	DU	2.60	0.62	1.12	0.0	0.0	2.331	1193.	41.	3.	754.5	32.9	1
840	0	532	37.2828	89.3788	-926.5	DU	5.66	2.60	1.00	0.459	2.596	5.658	1258.	36.	0.	753.5	32.9	1
841	0	428	37.2828	89.3780	-924.0	DU	4.21	2.25	1.03	0.535	2.178	4.074	1053.	32.	0.	754.0	32.9	1
842	0	380	37.2828	89.3773	-920.7	DU	3.19	2.38	0.73	0.745	3.262	4.380	998.	32.	2.	755.0	33.0	1
843	0	388	37.2828	89.3766	-917.0	DU	3.04	1.40	0.84	0.460	1.662	3.611	990.	43.	3.	755.5	32.9	1
844	0	432	37.2828	89.3758	-913.0	DU	4.75	2.82	0.66	0.593	4.276	7.211	1034.	32.	2.	754.5	32.9	1
845	0	440	37.2828	89.3751	-909.5	DU	3.12	1.49	0.96	0.478	1.543	3.231	1053.	35.	1.	754.0	32.9	1
846	10	452	37.2828	89.3744	-906.2	DU	4.15	0.34	1.00	0.0	0.0	4.137	1058.	56.	2.	755.0	32.9	1
847	0	492	37.2828	89.3737	-902.2	DU	4.73	1.38	1.00	0.292	1.382	4.732	1221.	36.	0.	756.1	32.9	1
848	0	548	37.2828	89.3729	-898.2	DU	4.92	2.35	1.08	0.478	2.172	4.541	1274.	43.	0.	755.5	32.9	1

CP9 1P12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
849	0	572	37.2828	89.3722	-895.0	DU	6.10	3.97	0.93	0.651	4.264	6.552	1360.	36.	0.	753.5	32.9	1
850	0	568	37.2828	89.3714	-891.5	DU	6.64	3.96	1.03	0.597	3.831	6.421	1392.	43.	0.	753.5	32.9	1
851	10	560	37.2827	89.3707	-889.0	DU	7.79	0.80	1.41	0.0	0.0	5.510	1411.	35.	2.	755.5	32.9	1
852	0	548	37.2827	89.3700	-884.2	DU	6.17	3.27	1.11	0.530	2.943	5.552	1304.	35.	0.	755.5	32.9	1
853	0	540	37.2827	89.3693	-881.2	QAL	5.96	2.14	0.82	0.360	2.607	7.248	1272.	36.	0.	753.5	32.9	1
854	10	576	37.2827	89.3685	-877.2	QAL	6.18	1.63	1.10	0.0	0.0	5.624	1269.	42.	0.	753.5	32.9	1
855	0	580	37.2827	89.3677	-873.7	QAL	4.61	2.57	1.18	0.558	2.189	3.923	1385.	50.	2.	755.0	32.9	1
856	0	580	37.2827	89.3670	-869.5	QAL	4.31	4.09	1.23	0.950	3.321	3.497	1342.	38.	0.	756.1	32.9	1
857	10	580	37.2828	89.3663	-866.5	QAL	6.71	1.16	1.50	0.0	0.0	4.487	1462.	41.	2.	755.0	32.9	1
858	0	576	37.2828	89.3656	-862.7	QAL	5.08	3.00	1.12	0.591	2.687	4.545	1369.	45.	4.	754.0	32.9	1
859	0	576	37.2828	89.3649	-859.2	QAL	5.62	2.54	1.41	0.452	1.800	3.983	1408.	41.	4.	755.0	32.9	1
860	10	572	37.2828	89.3641	-856.0	QAL	8.17	1.62	1.10	0.0	0.0	7.400	1310.	51.	5.	756.1	32.9	1
861	10	568	37.2828	89.3634	-851.7	QAL	4.99	0.88	1.03	0.0	0.0	4.836	1308.	29.	7.	755.0	32.9	1
862	10	572	37.2828	89.3627	-847.7	QAL	5.36	1.40	1.27	0.0	0.0	4.226	1325.	43.	2.	754.5	32.9	1
863	10	572	37.2828	89.3619	-843.2	QAL	6.39	1.50	1.40	0.0	0.0	4.583	1354.	38.	5.	755.5	32.9	1
864	0	572	37.2827	89.3611	-840.2	QAL	2.55	2.14	1.12	0.837	1.912	2.284	1236.	47.	6.	755.5	32.9	1
865	10	572	37.2827	89.3604	-837.2	QAL	4.54	1.64	1.24	0.0	0.0	3.655	1211.	53.	4.	753.5	32.9	1
866	10	576	37.2827	89.3597	-833.5	QAL	6.82	0.98	1.26	0.0	0.0	5.396	1312.	41.	0.	753.5	32.9	1
867	10	576	37.2827	89.3590	-830.0	QAL	6.86	0.19	1.38	0.0	0.0	4.984	1319.	34.	4.	755.5	32.9	1
868	0	572	37.2827	89.3583	-825.0	QAL	5.25	3.59	0.99	0.684	3.636	5.315	1284.	42.	0.	755.5	32.9	1
869	0	576	37.2827	89.3575	-821.7	QAL	4.61	3.79	0.99	0.824	3.836	4.657	1239.	41.	0.	753.5	32.8	1
870	0	568	37.2827	89.3568	-818.5	QAL	3.95	2.77	0.95	0.700	2.907	4.152	1300.	49.	3.	754.5	32.8	1
871	0	548	37.2827	89.3560	-814.0	QAL	7.73	2.25	1.21	0.291	1.859	6.379	1343.	34.	0.	756.1	32.8	1
872	10	544	37.2827	89.3553	-809.5	QAL	5.22	1.44	0.91	0.0	0.0	5.711	1275.	38.	2.	755.0	32.7	1
873	0	536	37.2827	89.3546	-805.2	QAL	6.74	2.14	1.05	0.317	2.045	6.444	1275.	37.	2.	755.0	32.8	1
874	0	540	37.2827	89.3538	-799.2	QAL	5.98	2.61	1.09	0.437	2.386	5.463	1283.	33.	2.	756.1	32.8	1
875	0	540	37.2827	89.3531	-794.7	QAL	4.95	2.37	0.82	0.480	2.886	6.017	1242.	40.	0.	755.5	32.8	1
876	10	540	37.2827	89.3524	-791.2	QAL	4.85	1.10	1.19	0.0	0.0	4.061	1231.	45.	1.	754.5	32.7	1
877	0	524	37.2827	89.3517	-790.2	QAL	5.68	2.00	0.87	0.352	2.297	6.523	1265.	48.	0.	754.5	32.8	1
878	10	480	37.2827	89.3510	-787.0	QAL	7.44	0.23	1.22	0.0	0.0	6.113	1140.	29.	1.	755.5	32.8	1
879	0	452	37.2827	89.3502	-782.2	QAL	2.97	2.94	0.86	0.989	3.401	3.438	1054.	34.	0.	754.5	32.8	1
880	10	456	37.2827	89.3494	-778.5	QAL	4.60	0.61	0.98	0.0	0.0	4.718	1006.	51.	0.	754.5	32.8	1
881	0	480	37.2827	89.3487	-775.0	QAL	5.91	2.80	0.84	0.473	3.343	7.067	1144.	33.	0.	755.5	32.9	1
882	10	544	37.2827	89.3480	-771.5	QAL	7.40	1.25	1.11	0.0	0.0	6.676	1280.	40.	0.	754.5	32.8	1
883	0	544	37.2827	89.3473	-768.2	QAL	4.86	2.34	1.11	0.480	2.106	4.387	1253.	52.	0.	753.0	32.8	1
884	10	544	37.2827	89.3465	-765.0	QAL	6.85	1.03	0.85	0.0	0.0	8.089	1212.	45.	0.	755.0	32.8	1
885	0	472	37.2827	89.3458	-761.5	DU	4.61	1.74	1.14	0.378	1.532	4.049	1217.	40.	0.	756.1	32.8	1
886	0	416	37.2827	89.3451	-758.7	DU	4.93	1.40	1.12	0.285	1.258	4.413	1157.	40.	0.	754.0	32.8	1
887	0	360	37.2827	89.3444	-754.2	DU	5.08	1.56	0.95	0.308	1.643	5.331	1151.	42.	0.	754.5	32.8	1
888	0	332	37.2827	89.3437	-751.0	DU	7.08	2.07	1.15	0.292	1.804	6.170	1241.	34.	0.	755.5	32.8	1
889	0	336	37.2827	89.3428	-747.5	DU	5.14	2.46	0.95	0.479	2.606	5.444	1249.	31.	0.	753.5	32.8	1
890	0	352	37.2827	89.3421	-745.0	DU	4.89	2.76	0.93	0.565	2.986	5.283	1218.	44.	0.	754.5	32.7	1
891	0	356	37.2827	89.3414	-742.5	DU	5.98	1.28	0.90	0.213	1.410	6.611	1150.	38.	1.	755.0	32.7	1
892	0	396	37.2827	89.3407	-739.2	DU	7.04	1.58	0.84	0.224	1.868	8.339	1292.	35.	3.	754.0	32.8	1
893	10	416	37.2827	89.3400	-736.2	DU	6.57	1.22	1.15	0.0	0.0	5.717	1361.	51.	6.	755.0	32.7	1
894	0	436	37.2827	89.3392	-733.5	DU	3.00	4.14	1.02	1.382	4.056	2.935	1358.	50.	3.	755.0	32.8	1
895	0	444	37.2827	89.3385	-730.0	DU	5.87	2.30	1.35	0.391	1.707	4.367	1464.	30.	3.	754.5	32.8	1
896	0	420	37.2827	89.3377	-727.7	DU	7.25	1.65	1.17	0.228	1.414	6.194	1448.	43.	4.	755.0	32.8	1
897	10	416	37.2827	89.3370	-724.7	DU	6.80	1.05	1.10	0.0	0.0	6.209	1420.	42.	4.	755.0	32.9	1
898	10	428	37.2827	89.3363	-721.7	DU	6.60	1.30	1.44	0.0	0.0	4.594	1436.	47.	7.	755.0	32.9	1
899	10	436	37.2827	89.3355	-719.2	DU	6.81	1.30	1.21	0.0	0.0	5.617	1375.	48.	6.	754.5	32.9	1
900	0	424	37.2827	89.3348	-716.7	DU	5.47	2.11	1.30	0.386	1.622	4.201	1354.	42.	4.	755.0	32.8	1
901	0	436	37.2827	89.3341	-715.0	DU	6.50	1.70	0.74	0.262	2.305	8.798	1376.	41.	5.	755.5	32.8	1

CP 9 LP 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
902	0	456	37.2827	89.3334	-713.5	DU	6.82	2.96	1.04	0.434	2.839	6.539	1353.	42.	2.	754.5	32.8	1
903	10	512	37.2827	89.3327	-710.7	DU	9.60	1.15	0.99	0.0	0.0	9.649	1418.	46.	2.	754.5	32.8	1
904	0	516	37.2827	89.3318	-708.5	DU	4.27	2.25	1.47	0.526	1.525	2.899	1325.	51.	2.	755.5	32.8	1
905	0	512	37.2827	89.3311	-706.2	DU	7.36	2.34	1.07	0.318	2.195	6.911	1358.	43.	0.	755.0	32.8	1
906	0	436	37.2827	89.3302	-705.0	DU	6.64	3.80	0.78	0.572	4.894	8.558	1188.	34.	0.	754.5	32.8	1
907	0	408	37.2827	89.3295	-702.2	DU	5.92	3.92	0.76	0.663	5.194	7.839	1228.	42.	0.	754.5	32.8	1
908	0	400	37.2827	89.3288	-702.0	DU	6.36	2.20	0.97	0.346	2.267	6.544	1344.	46.	0.	755.0	32.8	1
909	0	392	37.2827	89.3280	-700.2	DU	6.34	1.34	1.25	0.211	1.065	5.049	1369.	43.	0.	755.0	32.8	1
910	0	380	37.2827	89.3272	-699.5	DU	6.70	1.68	1.16	0.251	1.447	5.758	1420.	52.	0.	754.5	32.7	1
911	0	368	37.2827	89.3264	-697.0	DU	5.58	3.58	1.10	0.642	3.254	5.071	1356.	48.	0.	754.5	32.7	1
912	0	372	37.2826	89.3257	-695.0	DU	5.93	1.79	1.02	0.302	1.750	5.788	1294.	39.	0.	755.5	32.7	1
913	0	380	37.2826	89.3250	-695.2	DU	4.84	2.12	0.96	0.438	2.213	5.058	1272.	42.	0.	755.5	32.7	1
914	0	384	37.2826	89.3241	-695.0	DU	5.00	1.63	1.09	0.326	1.491	4.573	1155.	42.	0.	754.5	32.7	1
915	10	396	37.2826	89.3234	-692.5	DU	4.85	1.08	0.98	0.0	0.0	4.949	1125.	43.	3.	754.5	32.8	1
916	0	428	37.2826	89.3227	-691.7	DU	3.50	2.92	0.95	0.834	3.088	3.704	1221.	29.	1.	755.0	32.8	1
917	10	412	37.2826	89.3219	-690.5	DU	4.24	1.04	0.99	0.0	0.0	4.282	1112.	31.	6.	754,5	32.8	1
918	10	372	37.2826	89.3211	-690.0	DU	3.95	0.99	1.20	0.0	0.0	3.293	1060.	45.	1.	754.0	32.9	1
919	0	340	37.2826	89.3204	-691.5	DU	4.33	1.84	0.63	0.424	2.899	6.834	1081.	45.	0.	754.5	32.8	1
920	0	372	37.2826	89.3195	-691.7	DU	4.03	1.67	0.69	0.415	2.422	5.833	1074.	38.	0.	755.0	32.8	1
921	0	404	37.2826	89.3188	-690.0	DU	3.26	1.33	0.99	0.407	1.339	3.292	1035.	39.	0.	755.0	32.8	1
922	0	412	37.2826	89.3181	-689.5	DU	2.82	2.15	0.75	0.761	2.855	3.751	1014.	32.	0.	754.5	32.8	1
923	0	452	37.2826	89.3172	-689.0	DU	5.02	2.48	0.85	0.495	2.935	5.932	1097.	39.	0.	754.5	32.8	1
924	0	432	37.2826	89.3165	-689.2	DU	4.13	1.99	1.21	0.482	1.650	3.421	1115.	40.	0.	756.1	32.8	1
925	0	404	37.2826	89.3158	-690.2	DU	2.55	1.13	0.96	0.442	1.173	2.652	1021.	40.	0.	755.5	32.7	1
926	0	420	37.2826	89.3150	-688.7	QAL	4.36	1.68	0.92	0.384	1.831	4.763	1028.	38.	0.	754.0	32.8	1
927	10	412	37.2826	89.3142	-688.7	QAL	5.01	0.82	0.94	0.0	0.0	5.349	1051.	35.	0.	754.0	32.8	1
928	0	432	37.2826	89.3135	-691.5	QAL	3.02	2.76	0.72	0.912	3.819	4.186	1041.	46.	0.	755.0	32.8	1
929	10	460	37.2826	89.3127	-692.2	DU	4.08	0.43	0.94	0.0	0.0	4.327	1037.	41.	4.	755.0	32.8	1
930	10	492	37.2825	89.3119	-692.7	DU	2.92	0.74	1.11	0.0	0.0	2.628	1099.	51.	2.	754.5	32.8	1
931	10	536	37.2825	89.3111	-693.7	DU	5.69	1.20	0.91	0.0	0.0	6.242	1167.	32.	6.	754.0	32.9	1
932	10	436	37.2825	89.3104	-695.2	DU	4.89	0.61	0.95	0.0	0.0	5.171	972.	44.	4.	754.5	32.9	1
933	10	408	37.2825	89.3096	-696.7	DU	3.47	0.99	0.61	0.0	0.0	5.675	944.	38.	1.	755.0	32.9	1
934	0	412	37.2825	89.3089	-697.0	DU	4.86	2.02	0.98	0.416	2.059	4.945	1086.	29.	1.	754.0	32.9	1
935	0	392	37.2825	89.3081	-697.2	DU	3.25	2.34	0.74	0.720	3.146	4.372	1047.	48.	0.	754.5	32.9	1
936	0	356	37.2825	89.3073	-698.2	DU	5.63	1.61	0.73	0.287	2.198	7.664	1055.	44.	0.	755.0	32.8	1
937	0	372	37.2825	89.3065	-698 2	DU	5.14	2.09	0.64	0.407	3.294	8.092	1047.	48.	0.	754.5	32.8	1
938	0	408	37.2825	89.3058	-700.2	DU	4.50	2.24	1.10	0.499	2.044	4.097	1137.	35.	0.	756.1	32.8	1
939	0	416	37.2825	89.3050	-703.0	DU	6.22	2.09	1.09	0.336	1.920	5.714	1163.	45.	0.	755.5	32.9	1
940	0	364	37.2825	89.3042	-703.2	DU	4.95	2.25	0.72	0.454	3.134	6.901	1127.	42.	0.	754.5	32.8	1
941	111	368	37.2825	89.3035	-707.0	DU	3.76	2.12	0.77	0.0	0.0	0.0	1106.	43.	0.	754.0	32.8	1
942	0	356	37.2825	89.3027	-707.2	DU	4.34	1.98	0.90	0.455	2.206	4.847	1083.	35.	0.	753.5	32.9	1
943	0	340	37.2825	89.3019	-709.0	DU	3.17	1.75	0.83	0.550	2.110	3.836	1026.	46.	0.	754.5	32.9	1
944	0	368	37.2825	89.3012	-712.2	DU	3.51	1.82	0.93	0.517	1.950	3.769	982.	49.	0.	755.5	32.9	1
945	0	364	37.2825	89.3004	-713.2	DU	3.41	1.80	0.96	0.529	1.877	3.545	1086.	43.	0.	754.5	32.9	1
946	0	368	37.2825	89.2996	-714.2	DU	3.42	2.03	0.85	0.594	2.381	4.009	1075.	39.	0.	754.5	32.9	1
947	0	436	37.2825	89.2989	-718.0	DU	6.11	2.02	0.91	0.331	2.231	6.738	1216.	39.	0.	755.5	32.8	1
948	0	404	37.2825	89.2981	-717.5	DU	5.00	2.60	0.99	0.520	2.623	5.040	1251.	41.	0.	754.5	32.8	1
949	0	352	37.2825	89.2973	-721.0	DU	4.65	1.73	0.84	0.371	2.048	5.516	987.	46.	0.	752.4	32.8	1
950	0	368	37.2825	89.2966	-723.7	DU	4.29	1.96	0.66	0.456	2.958	6.490	989.	35.	0.	753.5	32.8	1
951	0	436	37.2825	89.2958	-725.5	QAL	4.58	1.59	0.66	0.348	2.428	6.971	1056.	50.	0.	755.5	32.8	1
952	0	476	37.2825	89.2950	-728.2	QAL	4.43	1.92	1.09	0.435	1.760	4.051	1154.	35.	0.	755.5	32.8	1
953	0	464	37.2825	89.2943	-730.5	QAL	4.47	2.20	1.13	0.491	1.949	3.966	1157.	60.	1.	754.5	32.9	1
954	0	412	37.2825	89.2935	-733.5	QAL	4.93	1.87	0.82	0.380	2.288	6.018	1109.	42.	0.	753.5	32.9	1

CP9 LP12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
955	0	396	37.2825	89.2927	-735.5	QAL	4.42	1.51	0.96	0.342	1.570	4.587	1046.	49.	0.	755.0	32.9	1
956	0	388	37.2824	89.2920	-737.2	QAL	7.17	1.52	0.93	0.211	1.639	7.751	1087.	38.	0.	755.0	32.9	1
957	10	384	37.2824	89.2912	-740.0	QAL	4.79	0.08	0.95	0.0	0.0	5.021	1119.	31.	4.	754.0	32.9	1
958	0	368	37.2824	89.2904	-741.5	DU	4.13	2.07	0.64	0.502	3.221	6.416	978.	31.	0.	754.0	32.9	1
959	10	384	37.2824	89.2897	-744.2	DU	5.33	0.20	1.01	0.0	0.0	5.286	963.	43.	0.	753.5	32.9	1
960	0	404	37.2824	89.2889	-746.5	DU	1.86	2.57	0.53	1.383	4.853	3.508	954.	36.	0.	754.5	32.9	1
961	10	432	37.2824	89.2881	-749.2	DU	4.02	0.87	0.95	0.0	0.0	4.225	1008.	41.	2.	756.6	32.9	1
962	0	436	37.2824	89.2874	-752.5	DU	3.77	1.50	0.59	0.397	2.554	6.424	974.	38.	1.	754.5	32.9	1
963	10	460	37.2824	89.2866	-754.5	DU	6.30	0.64	0.70	0.0	0.0	9.028	1055.	42.	3.	753.5	32.9	1
964	10	488	37.2824	89.2858	-757.2	DU	6.32	1.29	0.71	0.0	0.0	8.885	1036.	33.	0.	754.5	32.9	1
965	0	468	37.2824	89.2851	-760.2	DU	2.75	2.59	0.72	0.942	3.583	3.805	995.	59.	0.	754.5	33.0	1
966	0	468	37.2824	89.2843	-763.2	DU	3.95	1.40	0.70	0.354	1.991	5.631	1071.	34.	1.	755.5	33.0	1
967	0	468	37.2824	89.2835	-766.5	DU	3.10	2.14	0.95	0.690	2.251	3.262	1072.	33.	0.	755.5	33.0	1
968	0	436	37.2824	89.2828	-768.7	DU	5.00	2.12	0.95	0.423	2.232	5.274	1076.	40.	0.	753.5	33.0	1
969	0	416	37.2824	89.2820	-770.7	DU	3.18	1.92	0.57	0.603	3.385	5.616	954.	31.	0.	752.4	33.0	1
970	0	400	37.2824	89.2812	-774.5	DU	3.06	1.53	0.88	0.501	1.735	3.463	912.	42.	0.	752.4	33.1	1
971	10	456	37.2824	89.2804	-779.0	DU	5.90	0.77	0.85	0.0	0.0	6.969	973.	54.	0.	754.5	33.1	1
972	0	488	37.2824	89.2797	-781.7	DU	4.62	2.57	0.94	0.556	2.720	4.891	1055.	39.	0.	755.5	33.1	1
973	0	444	37.2824	89.2789	-783.5	DU	4.66	1.34	1.06	0.289	1.263	4.373	1040.	42.	0.	754.5	33.2	1
974	10	424	37.2823	89.2781	-785.7	DU	4.10	1.08	0.87	0.0	0.0	4.710	982.	41.	0.	754.5	33.2	1
975	0	444	37.2823	89.2774	-788.2	DU	5.37	1.62	0.66	0.302	2.465	8.159	1172.	42.	1.	754.5	33.1	1
976	0	424	37.2823	89.2766	-790.7	DU	4.25	1.72	0.83	0.405	2.070	5.104	1061.	31.	0.	753.5	33.1	1
977	10	424	37.2823	89.2758	-793.2	DU	5.36	1.10	0.92	0.0	0.0	5.850	986.	34.	2.	753.5	33.1	1
978	0	472	37.2823	89.2751	-797.2	DU	4.21	1.70	0.72	0.405	2.356	5.819	995.	41.	4.	753.5	33.1	1
979	0	480	37.2823	89.2743	-800.0	DU	3.49	2.33	0.77	0.668	3.042	4.554	933.	41.	2.	754.0	33.2	1
980	10	468	37.2823	89.2735	-801.5	DU	2.21	0.98	0.88	0.0	0.0	2.497	924.	47.	4.	755.0	33.2	1
981	10	484	37.2823	89.2728	-804.0	QAL	2.22	0.87	0.77	0.0	0.0	2.893	928.	35.	5.	755.0	33.2	1
982	0	504	37.2823	89.2720	-805.7	QAL	4.04	1.47	1.01	0.364	1.456	4.001	940.	46.	1.	756.1	33.2	1
983	0	544	37.2823	89.2712	-807.2	QAL	4.19	2.93	0.76	0.699	3.851	5.512	1024.	40.	0.	756.1	33.2	1
984	0	612	37.2823	89.2705	-809.2	QAL	5.03	2.93	1.04	0.583	2.803	4.811	1135.	50.	1.	755.0	33.1	1
985	10	652	37.2823	89.2697	-813.0	QAL	5.20	1.44	1.18	0.0	0.0	4.417	1274.	46.	0.	753.0	33.1	1
986	10	648	37.2823	89.2689	-816.2	QAL	5.22	1.68	1.11	0.0	0.0	4.704	1369.	37.	0.	752.4	33.2	1
987	0	640	37.2823	89.2682	-818.2	QAL	6.49	3.24	1.30	0.499	2.495	4.995	1378.	39.	0.	753.5	33.2	1
988	10	580	37.2823	89.2674	-820.2	DU	7.85	1.00	1.20	0.0	0.0	6.554	1333.	40.	0.	754.0	33.2	1
989	0	548	37.2823	89.2666	-823.2	DU	6.78	2.78	0.83	0.410	3.341	8.146	1245.	40.	0.	754.0	33.1	1
990	10	576	37.2823	89.2659	-825.7	DU	7.18	1.36	1.28	0.0	0.0	5.612	1472.	43.	0.	755.0	33.1	1
991	0	596	37.2823	89.2651	-828.0	DU	8.33	2.98	1.04	0.358	2.858	7.976	1564.	39.	1.	755.0	33.1	1
992	10	604	37.2823	89.2643	-829.5	DU	8.03	1.53	1.33	0.0	0.0	6.016	1410.	52.	0.	755.0	33.1	1
993	0	628	37.2823	89.2636	-832.2	DU	5.25	3.27	1.21	0.622	2.695	4.331	1482.	42.	0.	755.5	33.1	1
994	0	616	37.2823	89.2628	-833.5	DU	5.55	2.93	1.12	0.528	2.620	4.967	1480.	45.	5.	754.5	33.2	1
995	0	544	37.2823	89.2620	-835.5	DU	5.84	2.45	0.76	0.419	3.203	7.638	1363.	47.	7.	753.5	33.2	1
996	10	544	37.2823	89.2613	-838.7	DU	5.00	0.32	1.09	0.0	0.0	4.586	1269.	56.	8.	753.5	33.2	1
997	0	588	37.2823	89.2605	-840.0	DU	7.89	2.57	1.31	0.326	1.970	6.040	1522.	41.	3.	752.4	33.2	1
998	0	564	37.2823	89.2597	-840.7	DU	4.78	3.05	1.07	0.639	2.847	4.459	1435.	30.	5.	753.5	33.2	1
999	10	552	37.2823	89.2590	-842.7	DU	8.28	1.04	1.41	0.0	0.0	5.860	1407.	49.	5.	754.5	33.2	1
1000	0	536	37.2822	89.2582	-845.2	DU	4.90	1.91	1.19	0.390	1.602	4.113	1357.	38.	4.	754.5	33.2	1
1001	0	508	37.2822	89.2574	-846.2	DU	5.99	1.89	1.20	0.316	1.578	4.999	1257.	43.	0.	755.5	33.2	1
1002	0	500	37.2822	89.2567	-849.0	DU	4.84	2.98	1.00	0.615	2.980	4.844	1126.	42.	0.	755.5	33.3	1
1003	0	532	37.2822	89.2559	-850.5	DU	6.36	1.97	0.81	0.309	2.421	7.834	1273.	45.	0.	755.5	33.3	1
1004	0	520	37.2822	89.2551	-853.0	DU	6.72	2.16	0.57	0.322	3.809	11.821	1216.	50.	0.	756.6	33.3	1
1005	0	552	37.2822	89.2543	-853.2	DU	5.48	2.34	1.03	0.427	2.261	5.300	1344.	31.	0.	755.5	33.3	1
1006	0	572	37.2822	89.2536	-856.2	QAL	8.08	4.42	1.09	0.547	4.037	7.382	1421.	33.	0.	755.5	33.2	1
1007	0	612	37.2822	89.2528	-858.0	QAL	5.07	2.66	1.16	0.524	2.292	4.378	1390.	43.	0.	755.5	33.2	1

CP9 IP12

* TAGS		* LOCATION			*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1008	0	628	37.2822	89.2521	-859.0	QAL	5.21	2.23	1.17	0.428	1.904	4.445	1484.	53.	0.	754.5	33.2	1
1009	0	636	37.2822	89.2513	-861.0	QAL	6.18	2.92	1.02	0.473	2.874	6.076	1373.	46.	0.	754.5	33.2	1
1010	10	640	37.2822	89.2505	-861.7	QAL	7.76	1.60	1.54	0.0	0.0	5.033	1462.	48.	0.	754.5	33.2	1
1011	0	644	37.2822	89.2497	-863.2	QAL	8.15	3.53	0.85	0.433	4.167	9.627	1412.	46.	2.	754.5	33.2	1
1012	10	636	37.2822	89.2490	-867.0	QAL	5.90	1.07	1.42	0.0	0.0	4.156	1458.	48.	0.	753.5	33.2	1
1013	0	624	37.2822	89.2482	-867.5	QAL	4.26	4.81	1.22	1.129	3.949	3.496	1457.	34.	0.	753.5	33.2	1
1014	0	588	37.2822	89.2474	-869.2	QAL	5.12	2.26	1.04	0.441	2.161	4.905	1298.	48.	0.	754.5	33.2	1
1015	0	564	37.2822	89.2467	-870.2	QAL	4.26	3.28	1.10	0.770	2.996	3.889	1222.	42.	0.	755.5	33.3	1
1016	0	632	37.2822	89.2459	-871.7	QAL	6.13	1.95	1.36	0.318	1.430	4.495	1321.	43.	0.	755.5	33.2	1
1017	10	644	37.2822	89.2451	-873.0	QAL	7.02	1.10	1.16	0.0	0.0	6.041	1308.	42.	0.	754.5	33.2	1
1018	0	636	37.2821	89.2444	-874.5	QAL	5.08	2.35	1.59	0.463	1.474	3.185	1390.	45.	0.	755.5	33.2	1
1019	0	624	37.2821	89.2437	-876.0	QAL	6.55	4.86	0.98	0.741	4.961	6.694	1428.	41.	0.	755.5	33.2	1
1020	10	604	37.2821	89.2428	-877.5	QAL	7.39	0.42	1.11	0.0	0.0	6.676	1386.	43.	1.	755.5	33.2	1
1021	10	584	37.2821	89.2421	-879.2	QAL	6.39	0.75	1.30	0.0	0.0	4.927	1397.	39.	4.	755.5	33.3	1
1022	0	520	37.2821	89.2413	-881.0	QAL	6.97	1.87	0.95	0.268	1.953	7.298	1304.	36.	1.	755.5	33.3	1
1023	0	448	37.2821	89.2405	-882.7	QAL	4.85	1.70	0.99	0.350	1.713	4.900	1279.	47.	3.	755.5	33.4	1
1024	0	424	37.2821	89.2398	-883.7	QAL	4.41	3.82	0.89	0.866	4.294	4.959	1325.	35.	3.	756.6	33.4	1
1025	10	428	37.2822	89.2391	-885.0	QAL	7.83	0.69	1.20	0.0	0.0	6.499	1440.	42.	4.	757.6	33.4	1
1026	0	456	37.2822	89.2382	-886.2	QAL	5.95	2.26	1.37	0.380	1.656	4.355	1504.	56.	4.	757.6	33.4	1
1027	0	524	37.2821	89.2375	-888.7	QAL	7.02	2.92	1.28	0.415	2.287	5.506	1668.	34.	3.	757.6	33.5	1
1028	0	524	37.2821	89.2367	-889.2	QAL	6.22	1.72	1.25	0.276	1.373	4.971	1591.	26.	4.	757.6	33.5	1
1029	0	520	37.2821	89.2360	-890.0	QAL	8.16	2.28	1.58	0.279	1.445	5.176	1549.	47.	0.	757.6	33.5	1
1030	0	516	37.2821	89.2352	-890.5	QAL	7.58	3.64	1.41	0.480	2.578	5.372	1531.	39.	1.	758.1	33.5	1
1031	10	512	37.2821	89.2344	-892.5	QAL	9.00	1.02	1.35	0.0	0.0	6.663	1461.	50.	3.	758.1	33.5	1
1032	0	516	37.2821	89.2337	-894.5	QAL	6.41	3.04	1.26	0.474	2.407	5.075	1452.	34.	0.	758.1	33.6	1
1033	0	520	37.2821	89.2329	-894.0	QAL	7.90	2.68	1.34	0.339	1.992	5.884	1491.	41.	0.	759.2	33.6	1
1034	0	520	37.2821	89.2321	-894.7	QAL	7.22	1.72	1.54	0.238	1.118	4.692	1524.	35.	0.	758.1	33.6	1
1035	10	524	37.2821	89.2314	-897.5	QAL	9.91	0.53	1.21	0.0	0.0	8.185	1467.	37.	2.	757.6	33.6	1
1036	0	524	37.2821	89.2305	-899.7	QAL	6.18	2.96	1.14	0.478	2.590	5.416	1454.	41.	0.	758.7	33.6	1
1037	10	528	37.2821	89.2298	-899.7	QAL	7.42	1.59	1.37	0.0	0.0	5.434	1434.	39.	2.	758.7	33.7	1
1038	10	536	37.2821	89.2290	-899.5	QAL	6.30	0.95	1.54	0.0	0.0	4.079	1563.	39.	5.	757.6	33.7	1
1039	10	544	37.2821	89.2282	-901.5	QAL	6.28	0.44	1.67	0.0	0.0	3.763	1541.	29.	8.	758.7	33.7	1
1040	10	548	37.2821	89.2275	-904.5	QAL	7.18	0.91	1.53	0.0	0.0	4.703	1411.	38.	5.	758.7	33.9	1
1041	10	552	37.2821	89.2268	-906.5	QAL	7.13	0.29	1.06	0.0	0.0	6.734	1429.	48.	9.	758.7	33.9	1
1042	10	556	37.2821	89.2259	-907.7	QAL	7.19	0.97	0.96	0.0	0.0	7.490	1450.	37.	12.	758.7	33.9	1
1043	0	552	37.2821	89.2252	-907.2	QAL	5.24	2.45	1.13	0.467	2.165	4.636	1402.	46.	5.	758.7	34.0	1
1044	10	552	37.2820	89.2245	-908.2	QAL	6.67	0.48	1.08	0.0	0.0	6.153	1402.	32.	14.	757.6	33.9	1
1045	10	552	37.2820	89.2237	-911.2	QAL	4.93	-0.59	1.16	0.0	0.0	4.241	1284.	48.	11.	756.6	33.9	1
1046	10	552	37.2820	89.2229	-912.2	QAL	5.51	1.31	0.80	0.0	0.0	6.851	1346.	43.	9.	756.6	33.9	1
1047	10	560	37.2820	89.2222	-913.2	QAL	4.37	1.70	1.06	0.0	0.0	4.116	1189.	45.	10.	755.5	34.0	1
1048	10	564	37.2820	89.2214	-915.2	QAL	6.30	1.83	0.88	0.0	0.0	7.177	1357.	28.	10.	755.5	34.0	1
1049	0	568	37.2820	89.2207	-915.7	QAL	5.86	2.07	1.15	0.354	1.802	5.088	1442.	34.	8.	755.5	33.9	1
1050	0	572	37.2820	89.2199	-915.5	QAL	6.71	2.60	0.85	0.388	3.065	7.904	1315.	38.	3.	756.6	33.9	1
1051	10	572	37.2820	89.2191	-917.2	QAL	5.03	1.55	1.08	0.0	0.0	4.661	1333.	41.	4.	757.6	33.9	1
1052	0	568	37.2820	89.2184	-920.2	QAL	7.16	2.12	0.99	0.297	2.149	7.246	1464.	30.	4.	758.7	33.9	1
1053	0	572	37.2820	89.2175	-919.2	QAL	5.74	2.83	0.96	0.494	2.944	5.963	1316.	39.	0.	757.6	33.9	1
1054	0	568	37.2820	89.2168	-919.0	QAL	8.08	3.53	1.25	0.437	2.834	6.488	1489.	26.	0.	756.1	33.9	1
1055	10	564	37.2820	89.2160	-921.5	QAL	6.39	1.05	1.58	0.0	0.0	4.046	1378.	37.	1.	756.1	33.8	1
1056	0	556	37.2820	89.2152	-922.7	QAL	8.29	2.32	1.24	0.279	1.876	6.714	1382.	46.	0.	756.1	33.8	1
1057	10	552	37.2820	89.2145	-924.0	QAL	5.66	1.25	1.18	0.0	0.0	4.792	1442.	40.	3.	757.1	33.8	1
1058	0	552	37.2820	89.2138	-925.7	QAL	4.77	2.62	1.44	0.548	1.820	3.320	1384.	42.	1.	758.1	33.8	1
1059	0	556	37.2820	89.2129	-925.2	QAL	6.00	2.21	1.22	0.368	1.805	4.905	1388.	41.	1.	758.7	33.9	1
1060	10	552	37.2820	89.2122	-926.2	QAL	8.58	-0.03	1.20	0.0	0.0	7.169	1382.	42.	4.	757.6	33.8	1

CP9 IP12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1061	10	548	37.2820	89.2115	-930.0	QAL	5.84	1.34	1.24	0.0	0.0	4.721	1433.	51.	7.	756.6	33.8	1
1062	10	544	37.2819	89.2107	-931.2	QAL	9.19	0.78	1.30	0.0	0.0	7.061	1376.	56.	3.	757.6	33.7	1
1063	0	532	37.2819	89.2099	-931.0	QAL	6.89	2.67	1.02	0.388	2.620	6.758	1399.	37.	5.	758.7	33.7	1
1064	0	520	37.2819	89.2092	-932.0	QAL	5.83	3.73	1.13	0.639	3.290	5.149	1479.	28.	4.	758.7	33.7	1
1065	0	508	37.2819	89.2084	-934.0	QAL	4.76	2.13	1.08	0.448	1.975	4.409	1393.	37.	2.	757.6	33.8	1
1066	10	496	37.2819	89.2076	-934.2	QAL	7.46	1.05	1.34	0.0	0.0	5.555	1459.	33.	3.	757.6	33.8	1
1067	0	484	37.2819	89.2068	-935.2	QAL	5.99	3.49	1.19	0.582	2.934	5.038	1454.	40.	0.	757.6	[illegible]	1
1068	0	480	37.2819	89.2061	-936.5	QAL	6.50	3.43	1.19	0.528	2.892	5.478	1396.	48.	0.	758.7	33.9	1
1069	0	476	37.2819	89.2053	-936.5	QAL	6.57	2.46	1.35	0.375	1.830	4.877	1418.	44.	0.	759.7	33.9	1
1070	10	476	37.2819	89.2045	-937.5	QAL	5.71	1.32	1.13	0.0	0.0	5.044	1376.	52.	1.	758.7	33.9	1
1071	0	472	37.2819	89.2038	-939.2	QAL	6.25	2.55	1.06	0.408	2.406	5.903	1448.	29.	0.	758.7	34.0	1
1072	0	472	37.2819	89.2030	-940.5	QAL	4.40	3.42	1.38	0.776	2.484	3.201	1397.	58.	0.	758.7	34.0	1
1073	0	468	37.2819	89.2022	-941.5	QAL	7.14	2.47	1.27	0.346	1.952	5.646	1539.	38.	0.	759.7	34.0	1
1074	0	472	37.2819	89.2015	-942.5	QAL	4.18	2.35	1.53	0.563	1.538	2.734	1455.	36.	1.	758.7	34.0	1
1075	0	476	37.2819	89.2007	-943.2	QAL	4.86	2.77	1.57	0.570	1.770	3.104	1426.	39.	0.	757.6	34.1	1
1076	0	476	37.2819	89.1999	-944.5	QAL	6.80	2.98	1.23	0.438	2.421	5.529	1551.	40.	0.	758.7	34.1	1
1077	0	480	37.2819	89.1992	-946.0	QAL	5.80	3.12	1.57	0.539	1.991	3.697	1513.	37.	0.	761.2	34.1	1
1078	0	484	37.2819	89.1983	-947.2	QAL	7.91	2.51	1.26	0.318	1.999	6.295	1469.	33.	0.	760.2	34.1	1
1079	10	488	37.2819	89.1976	-948.5	QAL	6.94	0.96	1.66	0.0	0.0	4.175	1617.	32.	0.	758.1	34.1	1
1080	0	484	37.2818	89.1969	-948.5	QAL	7.23	2.66	1.41	0.367	1.888	5.139	1525.	49.	0.	760.2	34.0	1
1081	0	480	37.2818	89.1961	-950.5	QAL	6.50	2.52	1.15	0.387	2.192	5.658	1558.	39.	0.	760.2	34.0	1
1082	0	476	37.2818	89.1953	-952.0	QAL	6.42	1.59	1.35	0.247	1.173	4.741	1554.	40.	3.	758.7	33.9	1
1083	0	472	37.2818	89.1946	-953.7	QAL	6.22	2.96	1.76	0.477	1.683	3.532	1599.	35.	0.	759.7	33.9	1
1084	0	468	37.2819	89.1938	-954.2	QAL	5.48	3.89	1.43	0.711	2.730	3.840	1650.	48.	4.	760.7	33.9	1
1085	10	464	37.2819	89.1930	-955.0	QAL	8.99	0.72	1.75	0.0	0.0	5.150	1648.	42.	2.	759.2	33.9	1
1086	0	468	37.2819	89.1923	-956.0	QAL	8.59	1.91	1.37	0.223	1.396	6.273	1632.	48.	0.	758.1	33.8	1
1087	10	472	37.2819	89.1915	-957.7	QAL	9.67	1.13	1.49	0.0	0.0	6.506	1705.	39.	2.	759.2	33.9	1
1088	0	476	37.2818	89.1907	-958.5	QAL	8.59	2.24	1.64	0.261	1.365	5.230	1622.	49.	0.	760.2	33.9	1
1089	0	484	37.2818	89.1900	-957.5	QAL	5.43	4.34	1.36	0.800	3.190	3.985	1733.	37.	0.	759.2	33.9	1
1090	0	484	37.2818	89.1892	-959.0	QAL	9.95	2.62	1.25	0.263	2.088	7.936	1560.	37.	0.	758.7	33.9	1
1091	0	484	37.2818	89.1884	-961.5	QAL	4.78	2.84	1.48	0.594	1.914	3.224	1613.	37.	0.	759.7	34.0	1
1092	0	488	37.2818	89.1877	-961.5	QAL	7.19	1.93	1.48	0.269	1.307	4.861	1553.	39.	0.	758.7	34.0	1
1093	0	488	37.2818	89.1869	-961.7	QAL	6.98	3.98	0.86	0.570	4.611	8.083	1602.	38.	0.	757.6	34.0	1
1094	0	492	37.2818	89.1861	-963.2	QAL	8.28	2.31	1.30	0.279	1.778	6.361	1561.	30.	0.	759.7	34.0	1
1095	0	500	37.2818	89.1853	-963.5	QAL	7.32	2.40	1.18	0.328	2.033	6.195	1527.	45.	0.	759.7	34.0	1
1096	0	496	37.2818	89.1846	-963.7	QAL	6.79	2.46	1.27	0.363	1.945	5.362	1460.	47.	0.	757.6	34.0	1
1097	10	496	37.2818	89.1838	-966.0	QAL	6.47	0.84	0.95	0.0	0.0	6.773	1354.	40.	3.	758.1	34.0	1
1098	10	500	37.2818	89.1830	-966.0	QAL	7.93	-0.81	1.25	0.0	0.0	6.335	1353.	37.	4.	760.2	33.9	1
1099	0	496	37.2818	89.1823	-966.2	QAL	8.01	1.83	1.09	0.229	1.677	7.322	1407.	45.	4.	759.2	33.9	1
1100	0	492	37.2818	89.1815	-968.2	QAL	5.85	2.89	1.16	0.495	2.492	5.039	1536.	37.	6.	757.6	33.9	1
1101	0	488	37.2818	89.1807	-969.2	QAL	7.07	1.73	1.18	0.244	1.461	5.982	1481.	37.	5.	758.7	33.8	1
1102	10	484	37.2818	89.1800	-970.2	QAL	7.30	-0.16	1.39	0.0	0.0	5.270	1473.	51.	9.	759.7	33.8	1
1103	10	476	37.2818	89.1792	-971.7	QAL	9.93	1.52	1.40	0.0	0.0	7.071	1517.	34.	3.	758.7	33.8	1
1104	10	488	37.2818	89.1784	-971.5	QAL	8.42	0.49	1.23	0.0	0.0	6.835	1477.	39.	5.	758.7	33.8	1
1105	0	492	37.2818	89.1777	-972.0	QAL	8.77	3.47	1.54	0.396	2.248	5.677	1632.	40.	5.	759.2	33.8	1
1106	0	496	37.2817	89.1769	-971.5	QAL	8.07	3.91	1.23	0.484	3.167	6.537	1550.	36.	2.	759.2	33.8	1
1107	0	488	37.2817	89.1761	-971.5	QAL	5.05	2.04	1.29	0.405	1.578	3.902	1431.	32.	3.	759.7	33.8	1
1108	0	484	37.2817	89.1754	-970.2	QAL	7.02	2.15	1.20	0.307	1.797	5.856	1474.	51.	2.	759.7	33.8	1
1109	0	488	37.2817	89.1746	-969.2	QAL	5.21	2.44	0.77	0.469	3.155	6.734	1340.	44.	5.	759.2	33.8	1
1110	10	492	37.2817	89.1738	-972.0	QAL	7.37	0.47	1.27	0.0	0.0	5.814	1395.	49.	4.	759.7	33.8	1
1111	0	492	37.2817	89.1731	-974.0	QAL	5.34	3.26	1.15	0.610	2.842	4.660	1559.	31.	4.	759.7	33.8	1
1112	0	496	37.2817	89.1723	-975.0	QAL	8.16	1.69	1.34	0.207	1.265	6.104	1574.	45.	2.	759.2	33.9	1
1113	0	500	37.2817	89.1715	-975.2	QAL	7.02	1.92	1.24	0.273	1.549	5.666	1592.	32.	3.	758.7	33.8	1

CP9 1P 12

* TAGS			* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1114	0	504	37.2817	89.1708	-975.5	QAL	8.05	1.69	1.36	0.211	1.245	5.911	1576.	33.	2.	758.7	33.8	1
1115	0	496	37.2817	89.1700	-977.0	QAL	5.80	2.49	0.87	0.429	2.870	6.690	1497.	51.	5.	759.2	33.9	1
1116	0	480	37.2817	89.1692	-978.0	QAL	5.34	3.46	1.17	0.648	2.952	4.557	1425.	33.	1.	759.2	33.8	1
1117	10	500	37.2817	89.1685	-976.7	QAL	6.56	1.46	1.51	0.0	0.0	4.339	1445.	33.	5.	759.7	33.8	1
1118	0	512	37.2817	89.1677	-978.5	QAL	5.54	2.21	1.20	0.399	1.841	4.618	1526.	49.	3.	759.7	33.8	1
1119	10	512	37.2817	89.1669	-978.2	QAL	9.54	0.80	1.23	0.0	0.0	7.750	1427.	41.	7.	759.2	33.8	1
1120	0	508	37.2817	89.1662	-977.7	QAL	6.57	2.03	1.17	0.308	1.732	5.619	1474.	47.	6.	758.7	33.7	1
1121	10	496	37.2817	89.1654	-979.7	QAL	6.88	0.96	0.94	0.0	0.0	7.340	1354.	44.	2.	759.2	33.7	1
1122	0	492	37.2817	89.1646	-979.5	QAL	8.49	1.61	1.30	0.189	1.236	6.528	1439.	23.	4.	760.2	33.7	1
1123	0	488	37.2817	89.1639	-980.0	QAL	5.93	1.99	1.17	0.336	1.696	5.054	1415.	52.	2.	759.7	33.7	1
1124	0	480	37.2816	89.1631	-980.2	QAL	7.73	2.02	1.31	0.262	1.542	5.883	1510.	40.	0.	759.2	33.8	1
1125	10	448	37.2816	89.1623	-981.2	QAL	9.17	-0.68	1.27	0.0	0.0	7.235	13[illegible].	43.	1.	760.2	33.8	1
1126	10	472	37.2816	89.1616	-980.5	QAL	7.99	1.04	1.18	0.0	0.0	6.759	1309.	48.	0.	759.2	33.8	1
1127	0	488	37.2816	89.1608	-980.7	QAL	4.98	1.84	0.90	0.370	2.055	5.557	1122.	35.	2.	759.7	33.8	1
1128	0	492	37.2816	89.1600	-981.0	QAL	5.40	2.00	0.94	0.371	2.119	5.713	1086.	24.	0.	761.2	33.8	1
1129	0	500	37.2816	89.1593	-981.0	QAL	6.54	1.60	0.62	0.245	2.582	10.547	892.	44.	0.	759.7	33.8	1
1130	10	504	37.2816	89.1585	-980.7	QAL	3.22	1.32	0.90	0.0	0.0	3.575	922.	45.	2.	759.7	33.8	1
1131	10	500	37.2816	89.1577	-980.5	QAL	5.28	1.51	0.73	0.0	0.0	7.183	946.	47.	4.	760.2	33.8	1
1132	0	492	37.2816	89.1570	-980.5	QAL	3.31	1.79	1.02	0.540	1.755	3.248	1115.	31.	5.	759.7	33.8	1
1133	10	476	37.2816	89.1562	-981.5	QAL	7.62	1.32	0.97	0.0	0.0	7.850	1318.	33.	6.	760.2	33.8	1
1134	0	484	37.2816	89.1555	-981.5	QAL	6.09	1.81	1.25	0.297	1.449	4.884	1436.	39.	10.	759.2	33.7	1
1135	0	484	37.2816	89.1547	-983.0	QAL	6.24	2.27	1.26	0.364	1.803	4.955	1419.	46.	9.	759.2	33.8	1
1136	10	484	37.2816	89.1541	-983.0	QAL	5.86	0.72	1.37	0.0	0.0	4.263	1468.	45.	10.	760.2	33.7	1
1137	10	480	37.2816	89.1533	-982.5	QAL	6.54	0.76	1.46	0.0	0.0	4.478	1498.	44.	9.	760.2	33.8	1
1138	10	480	37.2816	89.1526	-983.2	QAL	6.63	1.51	1.23	0.0	0.0	5.390	1321.	38.	6.	759.7	33.8	1
1139	10	476	37.2816	89.1519	-982.0	QAL	7.15	1.02	0.81	0.0	0.0	8.783	1160.	42.	3.	759.7	33.8	1
1140	10	480	37.2816	89.1512	-980.2	QAL	5.88	0.77	0.80	0.0	0.0	7.348	1207.	33.	3.	759.2	33.9	1
1141	10	480	37.2816	89.1505	-982.5	QAL	5.09	1.37	1.01	0.0	0.0	5.025	1107.	36.	2.	759.2	34.0	1
1142	10	488	37.2816	89.1497	-981.7	QAL	5.89	0.02	1.06	0.0	0.0	5.565	1093.	40.	2.	759.7	33.9	1
1143	10	496	37.2817	89.1490	-981.0	QAL	6.10	1.32	0.97	0.0	0.0	6.270	1167.	36.	0.	759.7	33.9	1
1144	0	500	37.2817	89.1482	-982.7	QAL	5.16	2.24	1.28	0.433	1.745	4.028	1256.	53.	0.	759.7	33.9	1
1145	10	500	37.2817	89.1476	-982.5	QAL	5.49	0.84	1.27	0.0	0.0	4.330	1233.	42.	1.	759.7	33.9	1
1146	0	496	37.2817	89.1468	-981.5	QAL	4.96	2.62	1.15	0.528	2.268	4.297	1287.	51.	4.	759.7	33.8	1
1147	0	488	37.2817	89.1461	-982.7	QAL	7.10	3.22	1.04	0.454	3.098	6.826	1293.	36.	0.	759.7	33.8	1
1148	0	480	37.2817	89.1454	-983.0	QAL	5.74	1.82	0.90	0.318	2.018	6.349	1222.	31.	0.	759.7	33.8	1
1149	0	488	37.2817	89.1447	-982.0	QAL	4.81	2.62	0.90	0.544	2.904	5.333	1211.	55.	0.	759.7	33.8	1
1150	10	484	37.2817	89.1439	-982.2	QAL	5.68	0.88	0.90	0.0	0.0	6.331	1121.	43.	1.	759.7	33.8	1
1151	10	484	37.2817	89.1432	-981.2	QAL	3.61	1.11	0.92	0.0	0.0	3.943	924.	46.	1.	759.7	33.8	1
1152	10	484	37.2817	89.1425	-981.7	QAL	5.06	0.12	0.85	0.0	0.0	5.979	798.	39.	4.	760.2	33.8	1
1153	0	484	37.2818	89.1417	-982.2	QAL	2.08	2.26	0.42	1.086	5.421	4.991	672.	39.	0.	760.7	33.8	1
1154	10	484	37.2818	89.1410	-982.0	QAL	3.04	1.13	0.62	0.0	0.0	4.916	667.	36.	1.	760.7	33.7	1
1155	0	480	37.2818	89.1403	-981.2	QAL	3.40	1.77	0.40	0.521	4.383	8.417	752.	47.	0.	759.2	33.8	1
1156	10	480	37.2818	89.1396	-982.2	QAL	3.94	0.24	0.96	0.0	0.0	4.108	984.	34.	2.	759.2	33.7	1
1157	10	480	37.2818	89.1389	-982.7	QAL	6.30	1.38	0.87	0.0	0.0	7.220	1108.	31.	1.	760.2	33.7	1
1158	0	476	37.2818	89.1381	-982.7	QAL	5.66	2.70	1.10	0.477	2.458	5.148	1312.	34.	0.	760.2	33.7	1
1159	0	472	37.2818	89.1374	-982.7	QAL	5.27	3.62	1.11	0.686	3.268	4.764	1412.	36.	0.	761.2	33.7	1
1160	0	476	37.2818	89.1367	-982.5	QAL	5.73	2.92	1.24	0.509	2.347	4.609	1454.	45.	0.	760.2	33.7	1
1161	0	480	37.2818	89.1359	-981.2	QAL	6.07	1.62	1.40	0.267	1.155	4.333	1462.	43.	0.	759.2	33.8	1
1162	0	488	37.2818	89.1352	-980.7	QAL	8.07	2.30	1.41	0.285	1.624	5.706	1485.	37.	1.	759.7	33.8	1
1163	0	492	37.2818	89.1344	-981.5	QAL	7.05	2.92	1.30	0.415	2.255	5.436	1530.	36.	0.	759.7	33.8	1
1164	0	496	37.2818	89.1337	-981.7	QAL	6.17	2.79	1.43	0.453	1.954	4.316	1563.	44.	0.	759.2	33.8	1
1165	0	500	37.2818	89.1330	-980.2	QAL	6.75	3.47	1.08	0.514	3.210	6.239	1482.	36.	1.	759.7	33.7	1
1166	0	496	37.2818	89.1323	-980.2	QAL	4.47	2.56	1.29	0.574	1.995	3.476	1493.	28.	0.	760.2	33.7	1

CP 9 LP 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1167	10	492	37.2818	89.1316	-979.5	QAL	6.74	1.35	1.08	0.0	0.0	6.241	1376.	35.	0.	760.2	33.7	1
1168	0	488	37.2818	89.1309	-978.0	QAL	4.57	2.60	0.90	0.568	2.888	5.080	1331.	31.	1.	760.7	33.7	1
1169	0	484	37.2818	89.1302	-978.7	QAL	7.19	2.50	0.96	0.348	2.605	7.477	1348.	38.	2.	760.2	33.7	1
1170	0	480	37.2818	89.1294	-978.0	QAL	5.99	1.45	1.00	0.242	1.459	6.018	1187.	33.	3.	759.7	33.6	1
1171	0	476	37.2818	89.1287	-977.0	QAL	4.59	2.22	0.85	0.483	2.616	5.413	1158.	39.	4.	760.2	33.6	1
1172	0	472	37.2818	89.1280	-977.0	QAL	3.52	2.04	0.85	0.578	2.385	4.123	1163.	36.	6.	760.7	33.6	1
1173	0	420	37.2819	89.1272	-977.2	QAL	5.15	1.39	1.00	0.270	1.387	5.144	1170.	37.	6.	760.7	33.6	1
1174	0	436	37.2819	89.1265	-976.5	QAL	5.93	1.73	1.04	0.292	1:661	5.690	1331.	42.	3.	760.2	33.6	1
1175	0	464	37.2819	89.1257	-975.5	QAL	7.54	1.55	1.24	0.206	1.255	6.098	1415.	39.	3.	759.7	33.6	1
1176	0	464	37.2819	89.1250	-975.5	KU	7.27	1.68	1.42	0.231	1.188	5.135	1446.	44.	5.	760.2	33.7	1
1177	0	468	37.2819	89.1243	-976.0	KU	8.09	2.66	1.21	0.328	2.204	6.713	1480.	49.	1.	761.2	33.7	1
1178	0	472	37.2819	89.1236	-976.5	KU	6.07	2.28	1.47	0.376	1.556	4.134	1578.	45.	0.	760.2	33.7	1
1179	10	472	37.2819	89.1229	-976.5	KU	8.78	0.91	1.52	0.0	0.0	5.790	1526.	34.	0.	759.7	33.7	1
1180	0	472	37.2819	89.1222	-974.2	KU	8.81	3.53	1.22	0.400	2.882	7.206	1589.	40.	0.	760.2	33.7	1
1181	0	472	37.2819	89.1214	-974.0	KU	7.62	2.75	1.21	0.361	2.273	6.290	1602.	32.	0.	759.7	33.7	1
1182	0	468	37.2819	89.1207	-974.0	KU	7.82	2.08	1.27	0.266	1.638	6.158	1471.	45.	0.	761.2	33.7	1
1183	0	472	37.2819	89.1199	-973.2	KU	8.61	1.93	1.60	0.225	1.211	5.393	1686.	31.	0.	760.2	33.7	1
1184	0	472	37.2819	89.1192	-974.0	KU	9.39	2.61	1.23	0.278	2.121	7.620	1671.	26.	0.	758.7	33.7	1
1185	10	472	37.2820	89.1185	-971.5	KU	7.38	1.23	1.33	0.0	0.0	5.535	1666.	34.	0.	760.2	33.8	1
1186	0	460	37.2820	89.1178	-970.0	KU	9.02	1.71	1.42	0.189	1.200	6.336	1584.	37.	0.	760.2	33.8	1
1187	0	464	37.2820	89.1171	-970.0	KU	9.52	1.88	1.14	0.198	1.647	8.323	1535.	39.	3.	760.2	33.8	1
1188	0	476	37.2820	89.1163	-971.0	KU	7.95	2.23	1.30	0.280	1.720	6.141	1672.	40.	4.	759.7	33.8	1
1189	0	480	37.2820	89.1156	-970.2	KU	8.62	1.92	1.44	0.223	1.334	5.976	1742.	38.	4.	759.2	33.8	1
1190	0	484	37.2820	89.1149	-970.5	KU	8.62	2.90	1.43	0.337	2.033	6.034	1698.	45.	2.	760.7	33.8	1
1191	0	484	37.2820	89.1142	-969.7	KU	6.34	3.25	1.41	0.513	2.313	4.508	1716.	36.	4.	759.7	33.9	1
1192	0	476	37.2820	89.1135	-968.0	KU	6.19	3.67	1.05	0.592	3.481	5.876	1679.	49.	5.	759.2	33.8	1
1193	10	464	37.2820	89.1127	-966.2	KU	9.29	0.99	1.47	0.0	0.0	6.330	1795.	38.	6.	760.2	33.8	1
1194	0	456	37.2820	89.1120	-966.2	KU	7.81	1.71	1.22	0.219	1.401	6.382	1608.	46.	4.	759.2	33.7	1
1195	0	460	37.2820	89.1113	-966.5	QAL	6.56	1.95	1.29	0.297	1.510	5.082	1632.	29.	4.	760.2	33.7	1
1196	0	464	37.2820	89.1105	-965.2	QAL	7.35	1.95	1.28	0.265	1.526	5.751	1500.	47.	2.	761.8	33.7	1
1197	0	460	37.2820	89.1098	-964.5	QAL	7.23	2.19	1.43	0.303	1.537	5.074	1551.	37.	1.	759.7	33.7	1
1198	10	420	37.2820	89.1091	-963.5	QAL	7.98	-0.03	1.13	0.0	0.0	7.075	1337.	41.	5.	759.7	33.7	1
1199	0	436	37.2820	89.1084	-963.2	QAL	9.10	1.85	0.98	0.203	1.887	9.291	1336.	42.	1.	761.8	33.7	1
1200	0	464	37.2820	89.1076	-963.7	QAL	7.80	2.11	1.12	0.270	1.878	6.947	1501.	36.	1.	759.2	33.7	1
1201	10	444	37.2820	89.1069	-962.2	QAL	5.57	0.88	1.35	0.0	0.0	4.119	1288.	43.	1.	758.7	33.7	1
1202	0	428	37.2820	89.1062	-961.5	QAL	5.49	1.85	0.91	0.337	2.040	6.055	1269.	45.	0.	760.7	33.8	1
1203	0	472	37.2820	89.1054	-961.0	KU	6.04	2.94	1.04	0.487	2.827	5.806	1268.	44.	1.	760.7	33.8	1
1204	0	472	37.2820	89.1047	-959.7	KU	7.90	2.16	1.10	0.274	1.960	7.165	1347.	39.	0.	759.7	33.8	1
1205	10	456	37.2820	89.1040	-959.0	KU	6.78	1.32	1.14	0.0	0.0	5.929	1288.	36.	1.	759.7	33.8	1
1206	0	420	37.2821	89.1033	-959.0	KU	6.10	3.31	0.75	0.542	4.435	8.177	1215.	33.	0.	760.7	33.8	1
1207	0	444	37.2821	89.1026	-959.2	KU	5.12	2.38	1.00	0.465	2.379	5.114	1222.	53.	0.	760.7	33.8	1
1208	0	456	37.2821	89.1019	-958.2	KU	8.13	1.95	1.25	0.240	1.566	6.523	1368.	32.	0.	759.7	33.7	1
1209	0	452	37.2821	89.1011	-956.7	KU	9.98	2.32	1.15	0.233	2.026	8.710	1493.	40.	0.	759.7	33.8	1
1210	10	452	37.2821	89.1004	-955.0	KU	6.69	0.79	1.51	0.0	0.0	4.428	1580.	33.	2.	761.2	33.7	1
1211	0	448	37.2821	89.0997	-954.5	KU	7.32	3.60	1.06	0.492	3.383	6.881	1524.	37.	0.	761.2	33.8	1
1212	10	432	37.2821	89.0990	-953.5	KU	8.65	1.01	1.22	0.0	0.0	7.066	1514.	45.	2.	759.2	33.8	1
1213	0	452	37.2821	89.0982	-953.0	QAL	7.41	1.77	1.22	0.239	1.457	6.089	1510.	29.	1.	758.7	33.8	1
1214	0	432	37.2821	89.0974	-951.2	QAL	5.28	2.23	1.27	0.421	1.753	4.161	1396.	48.	3.	759.7	33.9	1
1215	10	452	37.2821	89.0967	-952.0	QAL	8.65	1.47	0.95	0.0	0.0	9.086	1359.	48	5.	760.7	33.9	1
1216	0	480	37.2822	89.0960	-950.5	QAL	5.32	2.32	1.29	0.435	1.791	4.116	1486.	[illegible]	3.	760.7	33.9	1
1217	0	480	37.2822	89.0953	-950.0	QAL	8.62	2.54	1.19	0.295	2.143	7.272	1471.	33.	3.	759.7	34.0	1
1218	0	484	37.2822	89.0946	-948.5	QAL	6.19	3.35	0.94	0.541	3.555	6.568	1392.	41.	0.	758.7	34.0	1
1219	0	488	37.2822	89.0939	-947.5	QAL	2.73	3.02	1.30	1.107	2.334	2.109	1430.	45.	2.	759.7	34.0	1

CP9 1P 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1220	0	492	37.2822	89.0932	-946.5	QAL	6.70	1.59	1.25	0.238	1.275	5.364	1444.	48.	2.	760.7	33.9	1
1221	10	500	37.2822	89.0924	-946.5	QAL	7.75	1.14	1.46	0.0	0.0	5.298	1520.	40.	0.	759.7	33.9	1
1222	10	496	37.2822	89.0917	-945.5	QAL	8.31	1.19	1.27	0.0	0.0	6.556	1552.	41.	0.	759.7	33.9	1
1223	0	496	37.2822	89.0909	-943.2	QAL	5.74	1.67	1.27	0.290	1.306	4.503	1439.	51.	0.	758.7	33.8	1
1224	0	496	37.2822	89.0902	-943.2	QAL	7.47	3.00	1.13	0.402	2.650	6.588	1531.	43.	0.	758.7	33.8	1
1225	0	488	37.2822	89.0895	-942.0	QAL	7.33	3.01	1.45	0.411	2.077	5.052	1636.	24.	0.	759.7	33.8	1
1226	0	484	37.2822	89.0887	-940.2	QAL	6.82	2.83	1.39	0.415	2.036	4.903	1555.	44.	0.	760.7	33.8	1
1227	0	488	37.2822	89.0880	-939.7	QAL	7.95	3.46	1.14	0.435	3.029	6.965	1635.	33.	0.	759.7	33.8	1
1228	0	488	37.2822	89.0873	-937.7	QAL	9.25	2.13	1.36	0.230	1.567	6.807	1539.	35.	2.	758.7	33.8	1
1229	10	472	37.2822	89.0866	-936.0	QAL	7.06	1.10	1.30	0.0	0.0	5.449	1466.	33.	2.	758.7	33.8	1
1230	0	444	37.2822	89.0859	-936.2	QAL	6.57	2.32	1.02	0.354	2.278	6.442	1428.	35.	3.	758.7	33.7	1
1231	0	460	37.2822	89.0852	-937.0	KU	6.10	2.04	1.09	0.335	1.873	5.594	1497.	44.	5.	759.7	33.7	1
1232	0	472	37.2822	89.0844	-934.2	KU	10.03	2.17	1.24	0.216	1.751	8.092	1669.	46.	5.	760.7	33.7	1
1233	0	472	37.2822	89.0837	-933.7	KU	7.62	1.86	1.28	0.244	1.449	5.938	1615.	46.	7.	760.7	33.8	1
1234	0	468	37.2822	89.0830	-935.0	KU	7.57	2.45	1.62	0.323	1.515	4.684	1636.	45.	4.	759.7	33.8	1
1235	0	468	37.2822	89.0822	-934.2	KU	10.42	1.90	1.33	0.182	1.427	7.844	1653.	38.	6.	758.7	33.8	1
1236	0	468	37.2822	89.0815	-933.2	QAL	8.25	3.16	1.12	0.384	2.813	7.333	1579.	39.	6.	757.6	33.8	1
1237	0	468	37.2823	89.0808	-932.2	QAL	7.30	2.69	1.27	0.368	2.120	5.759	1716.	28.	8.	758.1	33.9	1
1238	0	476	37.2823	89.0800	-931.5	QAL	9.37	2.22	1.15	0.237	1.931	8.147	1663.	36.	4.	759.2	33.8	1
1239	0	480	37.2823	89.0794	-930.0	QAL	7.73	2.86	1.34	0.370	2.142	5.790	1568.	43.	1.	759.2	33.8	1
1240	0	480	37.2823	89.0786	-929.5	QAL	9.94	3.37	1.02	0.339	3.284	9.701	1632.	25.	2.	760.2	33.8	1
1241	10	476	37.2823	89.0779	-928.5	QAL	8.54	0.85	1.33	0.0	0.0	6.405	1523.	42.	3.	760.2	33.8	1
1242	10	436	37.2823	89.0772	-926.7	QAL	7.76	1.30	0.84	0.0	0.0	9.272	1426.	42.	5.	759.7	33.7	1
1243	10	400	37.2823	89.0764	-924.7	QAL	7.81	0.77	1.20	0.0	0.0	6.479	1334.	46.	4.	759.7	33.7	1
1244	0	396	37.2823	89.0757	-926.0	QAL	6.27	1.72	1.02	0.275	1.693	6.158	1404.	42.	7.	759.7	33.7	1
1245	0	444	37.2823	89.0750	-923.5	QAL	8.52	1.78	1.10	0.209	1.615	7.742	1478.	31.	2.	759.7	33.8	1
1246	10	468	37.2823	89.0743	-921.5	QAL	8.53	1.39	1.20	0.0	0.0	7.107	1586.	32.	4.	758.7	33.7	1
1247	0	472	37.2823	89.0735	-922.7	QAL	6.39	4.11	1.21	0.643	3.394	5.281	1672.	36.	4.	758.7	33.8	1
1248	0	472	37.2824	89.0728	-922.5	QAL	9.38	5.12	1.19	0.546	4.317	7.907	1714.	29.	2.	759.2	33.8	1
1249	0	472	37.2824	89.0721	-922.0	QAL	10.26	3.05	1.07	0.297	2.862	9.636	1742.	36.	1.	759.2	33.8	1
1250	0	472	37.2824	89.0714	-919.5	QAL	8.80	2.51	1.26	0.285	1.989	6.985	1662.	27.	3.	759.2	33.7	1
1251	0	472	37.2824	89.0707	-918.0	QAL	7.48	3.54	1.24	0.474	2.865	6.049	1731.	29.	0.	759.2	33.7	1
1252	10	468	37.2824	89.0700	-916.7	QAL	6.62	1.20	1.42	0.0	0.0	4.670	1562.	45.	6.	760.7	33.7	1
1253	10	468	37.2824	89.0691	-916.5	QAL	7.87	0.73	1.40	0.0	0.0	5.606	1708.	33.	5.	761.8	33.7	1
1254	10	468	37.2824	89.0684	-914.7	QAL	8.07	0.49	1.75	0.0	0.0	4.617	1609.	52.	4.	760.7	33.7	1
1255	0	468	37.2824	89.0677	-913.5	QAL	7.76	2.82	1.01	0.363	2.784	7.670	1626.	46.	6.	759.7	33.8	1
1256	0	476	37.2824	89.0670	-913.7	QAL	6.89	2.98	1.21	0.432	2.461	5.702	1671.	38.	3.	759.7	33.8	1
1257	0	480	37.2824	89.0663	-913.2	QAL	8.25	2.08	1.60	0.253	1.298	5.138	1601.	50.	4.	759.7	33.8	1
1258	0	480	37.2824	89.0656	-913.5	QAL	6.20	2.08	1.38	0.335	1.504	4.485	1681.	54.	5.	758.7	33.7	1
1259	0	480	37.2824	89.0649	-913.7	QAL	8.52	2.33	1.28	0.273	1.812	6.631	1707.	35.	1.	758.7	33.7	1
1260	0	476	37.2824	89.0641	-911.7	QAL	5.25	3.41	1.25	0.650	2.729	4.201	1640.	44.	3.	758.7	33.7	1
1261	0	476	37.2824	89.0634	-910.0	QAL	8.26	2.15	1.22	0.260	1.763	6.781	1670.	49.	4.	758.7	33.7	1
1262	10	476	37.2824	89.0627	-908.2	QAL	9.12	1.33	1.32	0.0	0.0	6.933	1650.	36.	3.	758.7	33.6	1
1263	0	468	37.2824	89.0619	-907.2	KU	7.09	3.28	1.44	0.462	2.283	4.938	1728.	31.	1.	759.7	33.6	1
1264	0	472	37.2824	89.0612	-906.7	KU	9.00	2.57	1.61	0.285	1.594	5.591	1789.	35.	6.	759.7	33.6	1
1265	0	468	37.2824	89.0604	-905.5	KU	10.56	4.15	1.29	0.393	3.219	8.185	1849.	36.	0.	760.2	33.6	1
1266	0	456	37.2824	89.0597	-904.0	KU	6.85	3.51	1.54	0.512	2.281	4.453	1797.	34.	3.	760.2	33.6	1
1267	0	464	37.2824	89.0590	-903.0	KU	7.91	2.98	1.41	0.377	2.112	5.607	1767.	42.	2.	759.2	33.6	1
1268	0	468	37.2825	89.0583	-903.5	KU	6.50	2.95	1.53	0.454	1.923	4.237	1647.	50.	1.	760.2	33.6	1
1269	0	472	37.2825	89.0576	-904.0	KU	8.53	3.28	1.30	0.384	2.517	6.547	1656.	33.	1.	761.2	33.8	1
1270	0	472	37.2825	89.0569	-902.7	KU	7.56	3.21	1.19	0.425	2.703	6.359	1726.	47.	0.	759.7	33.8	1
1271	0	476	37.2825	89.0561	-901.7	KU	8.42	2.85	1.45	0.339	1.972	5.823	1702.	35.	1.	758.7	33.8	1
1272	0	492	37.2825	89.0554	-903.0	KU	9.35	2.53	1.51	0.271	1.679	6.191	1739.	41.	0.	758.7	33.8	1

*	TAGS		* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1273	0	492	37.2825	89.0547	-902.5	KU	8.45	2.55	1.13	0.302	2.268	7.504	1584.	55.	0.	758.7	33.8	1
1274	0	492	37.2825	89.0539	-901.2	KU	6.96	2.37	1.46	0.341	1.627	4.768	1636.	43.	0.	758.7	33.7	1
1275	0	488	37.2825	89.0532	-900.5	KU	7.28	3.23	1.17	0.444	2.762	6.218	1679.	46.	0.	758.7	33.8	1
1276	0	480	37.2825	89.0525	-899.0	KU	8.90	3.21	1.29	0.361	2.485	6.884	1694.	44.	0.	758.1	33.8	1
1277	0	484	37.2825	89.0517	-897.5	KU	8.06	3.90	1.11	0.485	3.525	7.276	1710.	41.	0.	758.1	33.8	1
1278	0	484	37.2825	89.0510	-897.7	KU	8.06	2.27	1.33	0.282	1.707	6.060	1706.	38.	0.	758.7	33.8	1
1279	0	484	37.2825	89.0503	-897.7	KU	8.45	3.00	1.29	0.355	2.334	6.566	1654.	44.	0.	758.7	33.8	1
1280	0	484	37.2825	89.0496	-896.0	KU	10.59	3.09	1.63	0.292	1.896	6.496	1819.	37.	1.	758.7	33.8	1
1281	0	484	37.2825	89.0489	-895.5	KU	7.03	4.44	1.31	0.631	3.388	5.370	1746.	38.	0.	759.7	33.8	1
1282	0	480	37.2826	89.0482	-895.2	KU	8.46	1.69	1.41	0.200	1.194	5.983	1690.	45.	3.	759.7	33.7	1
1283	0	468	37.2826	89.0474	-893.5	KU	8.42	3.58	1.15	0.425	3.109	7.313	1750.	43.	3.	760.2	33.7	1
1284	0	456	37.2826	89.0467	-893.7	KU	8.48	4.36	1.10	0.514	3.946	7.681	1716.	42.	0.	761.2	33.7	1
1285	0	452	37.2826	89.0460	-895.2	KU	7.72	2.36	1.37	0.305	1.719	5.632	1673.	38.	3.	760.2	33.8	1
1286	0	468	37.2826	89.0452	-893.7	KU	6.10	2.18	1.37	0.358	1.589	4.443	1777.	41.	6.	760.2	33.8	1
1287	0	480	37.2826	89.0445	-893.7	KU	7.61	1.90	1.36	0.249	1.394	5.591	1727.	39.	5.	759.7	33.7	1
1288	0	476	37.2826	89.0438	-894.2	KU	7.49	2.79	1.14	0.372	2.450	6.587	1661.	44.	5.	758.7	33.7	1
1289	0	464	37.2826	89.0431	-893.5	KU	9.62	2.49	1.33	0.259	1.873	7.241	1725.	38.	0.	758.7	33.7	1
1290	0	460	37.2826	89.0424	-892.5	KU	9.52	1.71	1.61	0.179	1.058	5.898	1781.	41.	5.	758.7	33.7	1
1291	0	452	37.2826	89.0417	-892.2	KU	4.90	3.25	1.46	0.663	2.218	3.345	1703.	44.	2.	758.7	33.7	1
1292	0	456	37.2826	89.0409	-892.2	KU	9.64	2.81	1.44	0.292	1.959	6.717	1799.	38.	0.	760.7	33.7	1
1293	0	456	37.2826	89.0401	-891.2	KU	8.17	3.20	1.58	0.392	2.027	5.179	1926.	39.	2.	760.7	33.8	1
1294	0	448	37.2826	89.0394	-890.0	KU	8.12	2.88	1.44	0.355	1.998	5.633	1855.	42.	4.	760.7	33.8	1
1295	0	436	37.2826	89.0387	-890.0	KU	9.49	2.44	1.47	0.257	1.660	6.449	1741.	45.	2.	761.8	33.9	1
1296	0	440	37.2826	89.0380	-890.0	KU	9.91	2.85	1.32	0.288	2.161	7.502	1814.	34.	4.	759.7	33.9	1
1297	0	464	37.2826	89.0373	-890.0	KU	9.88	2.66	1.34	0.269	1.986	7.375	1880.	47.	3.	758.7	33.8	1
1298	0	472	37.2826	89.0366	-889.5	KU	10.55	3.21	1.46	0.304	2.193	7.214	1762.	48.	2.	758.7	33.7	1
1299	0	468	37.2826	89.0358	-889.5	KU	6.27	3.09	1.59	0.493	1.936	3.930	1733.	39.	3.	759.7	33.8	1
1300	0	476	37.2827	89.0351	-889.2	KU	10.22	2.21	1.49	0.216	1.488	6.877	1759.	41.	3.	760.7	33.9	1
1301	10	476	37.2827	89.0344	-888.7	KU	7.11	0.76	1.55	0.0	0.0	4.580	1810.	47.	8.	761.8	33.9	1
1302	0	476	37.2827	89.0337	-888.0	QAL	9.83	3.03	1.45	0.308	2.087	6.772	1717.	49.	2.	759.7	33.8	1
1303	0	476	37.2827	89.0329	-887.7	QAL	7.77	3.08	1.13	0.397	2.722	6.856	1678.	40.	4.	759.7	33.8	1
1304	10	476	37.2827	89.0321	-888.0	QAL	10.11	1.24	1.52	0.0	0.0	6.672	1759.	43.	1.	759.7	33.8	1
1305	0	472	37.2827	89.0314	-886.7	QAL	8.60	2.40	1.16	0.279	2.070	7.419	1690.	38.	4.	758.7	33.8	1
1306	0	468	37.2827	89.0307	-887.0	QAL	8.58	3.03	1.21	0.354	2.511	7.097	1688.	37.	1.	760.2	33.7	1
1307	10	472	37.2827	89.0300	-887.5	QAL	7.02	1.50	1.44	0.0	0.0	4.881	1665.	47.	3.	761.2	33.8	1
1308	10	472	37.2827	89.0293	-886.7	QAL	8.97	0.95	1.67	0.0	0.0	5.369	1694.	35.	4.	759.2	33.8	1
1309	0	476	37.2827	89.0286	-885.7	QAL	9.30	1.83	1.28	0.197	1.427	7.254	1745.	35.	2.	758.7	33.8	1
1310	0	480	37.2827	89.0279	-886.7	QAL	9.21	2.49	1.36	0.270	1.824	6.755	1700.	46.	0.	759.7	33.8	1
1311	0	468	37.2827	89.0271	-885.7	QAL	7.81	3.25	1.24	0.416	2.615	6.282	1625.	33.	0.	759.7	33.8	1
1312	10	420	37.2827	89.0264	-886.0	QAL	6.80	0.48	1.22	0.0	0.0	5.567	1409.	40.	0.	760.7	33.8	1
1313	0	424	37.2827	89.0256	-886.0	KU	7.81	1.73	1.13	0.222	1.535	6.914	1469.	40.	1.	759.7	33.8	1
1314	0	424	37.2827	89.0249	-885.2	KU	7.21	1.99	1.14	0.276	1.755	6.352	1443.	45.	0.	757.6	33.8	1
1315	0	424	37.2827	89.0242	-884.7	KU	6.80	1.45	1.09	0.214	1.329	6.218	1425.	44.	3.	758.7	33.8	1
1316	0	448	37.2827	89.0234	-883.7	KU	7.36	3.94	1.24	0.535	3.173	5.926	1578.	31.	1.	760.7	33.7	1
1317	0	456	37.2827	89.0227	-882.7	KU	6.84	3.31	1.16	0.484	2.861	5.911	1572.	48.	3.	760.7	33.7	1
1318	0	452	37.2827	89.0220	-881.5	KU	7.85	1.66	1.35	0.212	1.228	5.799	1612.	32.	7.	758.7	33.7	1
1319	10	444	37.2827	89.0213	-882.0	KU	8.97	1.02	1.49	0.0	0.0	6.039	1699.	47.	9.	758.7	33.7	1
1320	0	436	37.2827	89.0206	-881.5	KU	9.15	1.91	1.22	0.209	1.565	7.484	1638.	32.	8.	759.7	33.8	1
1321	0	444	37.2828	89.0199	-881.5	KU	6.84	4.48	1.55	0.654	2.886	4.411	1782.	45.	5.	760.2	33.9	1
1322	0	456	37.2828	89.0191	-881.7	KU	7.74	1.97	1.25	0.254	1.573	6.181	1755.	47.	6.	760.2	33.9	1
1323	0	452	37.2828	89.0184	-882.0	KU	6.99	4.01	1.43	0.574	2.812	4.901	1754.	51.	3.	759.2	34.0	1
1324	10	460	37.2828	89.0177	-881.0	KU	8.08	1.36	1.71	0.0	0.0	4.735	1803.	44.	4.	758.7	34.0	1
1325	0	464	37.2828	89.0169	-881.0	KU	6.85	2.22	1.70	0.324	1.304	4.026	1818.	42.	7.	760.7	34.0	1

CP 6 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1326	0	452	37.2828	89.0162	-880.2	KU	9.57	1.75	1.40	0.183	1.247	6.823	1689.	42.	1.	760.7	34.0	1
1327	0	444	37.2828	89.0155	-879.7	KU	7.68	2.60	1.21	0.338	2.144	6.337	1770.	34.	6.	758.1	33.9	1
1328	0	448	37.2828	89.0148	-879.5	KU	6.56	4.40	1.23	0.670	3.586	5.350	1750.	31.	5.	759.2	33.8	1
1329	0	452	37.2828	89.0141	-880.2	KU	7.21	3.94	1.22	0.547	3.223	5.897	1790.	37.	1.	761.2	33.7	1
1330	0	460	37.2828	89.0134	-881.0	KU	9.36	3.35	1.33	0.358	2.523	7.054	1740.	50.	3.	760.2	33.7	1
1331	0	456	37.2829	89.0126	-881.5	KU	7.35	4.43	1.22	0.603	3.645	6.043	1734.	30.	0.	759.2	33.7	1
1332	0	456	37.2829	89.0119	-881.2	KU	7.51	1.83	1.27	0.243	1.434	5.902	1672.	45.	3.	761.2	33.7	1
1333	0	456	37.2829	89.0111	-880.2	KU	6.05	2.23	1.40	0.369	1.588	4.306	1596.	47.	1.	761.8	33.7	1
1334	0	452	37.2829	89.0104	-880.5	KU	7.96	3.42	1.13	0.430	3.025	7.037	1678.	36.	5.	759.7	33.6	1
1335	0	456	37.2829	89.0097	-880.5	QAL	7.75	1.89	1.37	0.244	1.378	5.637	1648.	40.	6.	760.7	33.7	1
1336	0	460	37.2829	89.0090	-879.5	QAL	9.41	2.22	1.34	0.236	1.649	6.997	1715.	31.	4.	761.2	33.8	1
1337	0	460	37.2829	89.0083	-879.5	QAL	6.16	4.16	1.27	0.675	3.265	4.838	1714.	35.	5.	759.2	33.9	1
1338	0	464	37.2829	89.0075	-878.5	QAL	7.85	2.54	1.27	0.323	1.995	6.167	1662.	45.	4.	760.2	34.0	1
1339	0	472	37.2829	89.0068	-878.5	QAL	7.79	4.08	1.37	0.524	2.980	5.689	1732.	40.	7.	761.2	34.0	1
1340	0	476	37.2829	89.0061	-879.2	QAL	6.65	4.49	1.16	0.675	3.889	5.758	1788.	36.	2.	759.2	34.0	1
1341	10	476	37.2829	89.0054	-879.5	QAL	7.82	0.34	1.83	0.0	0.0	4.268	1673.	45.	9.	759.7	34.0	1
1342	0	480	37.2829	89.0047	-878.7	QAL	8.73	3.42	1.09	0.392	3.123	7.976	1647.	35.	6.	760.7	33.9	1
1343	0	480	37.2829	89.0038	-879.7	QAL	6.30	3.02	1.27	0.479	2.382	4.970	1622.	42.	5.	758.7	33.9	1
1344	0	480	37.2829	89.0031	-879.7	QAL	7.79	3.01	1.45	0.386	2.070	5.362	1754.	50.	1.	759.7	33.8	1
1345	0	480	37.2829	89.0024	-878.2	QAL	7.76	2.85	1.35	0.367	2.120	5.770	1779.	24.	2.	759.7	33.8	1
1346	10	476	37.2829	89.0017	-878.2	QAL	11.94	1.61	1.28	0.0	0.0	9.294	1643.	47.	0.	758.7	33.8	1
1347	0	476	37.2829	89.0010	-878.2	QAL	7.60	2.55	1.43	0.335	1.776	5.301	1657.	42.	5.	760.2	33.9	1
1348	0	472	37.2829	89.0003	-877.2	QAL	11.03	2.83	1.54	0.256	1.841	7.184	1816.	38.	0.	760.2	33.8	1
1349	0	468	37.2829	88.9996	-876.5	QAL	8.55	2.07	1.38	0.242	1.494	6.185	1626.	53.	3.	759.2	33.8	1
1350	0	468	37.2829	88.9988	-877.7	QAL	10.21	2.74	1.18	0.269	2.327	8.659	1691.	42.	0.	760.2	34.0	1
1351	0	472	37.2829	88.9981	-877.5	QAL	8.13	3.70	1.22	0.456	3.024	6.639	1627.	42.	0.	760.2	34.1	1
1352	10	476	37.2830	88.9974	-876.5	QAL	6.14	1.08	1.43	0.0	0.0	4.294	1637.	42.	2.	760.7	34.0	1
1353	0	476	37.2830	88.9966	-877.5	QAL	10.16	2.16	1.31	0.212	1.649	7.768	1759.	31.	0.	760.7	34.0	1
1354	0	480	37.2830	88.9958	-877.5	QAL	7.44	2.00	1.45	0.269	1.376	5.121	1637.	47.	0.	758.7	34.0	1
1355	0	484	37.2830	88.9951	-879.0	QAL	7.73	2.80	1.43	0.363	1.953	5.388	1584.	35.	0.	759.2	33.9	1
1356	0	484	37.2830	88.9944	-879.2	QAL	6.32	4.06	1.49	0.642	2.722	4.238	1714.	35.	0.	760.2	33.9	1
1357	0	488	37.2830	88.9937	-878.5	QAL	6.58	2.16	1.24	0.329	1.742	5.297	1579.	52.	0.	758.1	33.9	1
1358	0	484	37.2830	88.9930	-878.2	QAL	9.38	2.44	0.99	0.260	2.464	9.487	1490.	54.	0.	759.2	34.0	1
1359	0	492	37.2830	88.9923	-880.0	QAL	7.79	2.42	1.43	0.311	1.693	5.453	1498.	36.	0.	760.7	33.9	1
1360	0	496	37.2830	88.9916	-877.2	QAL	5.92	1.84	1.27	0.311	1.445	4.644	1485.	50.	0.	759.2	33.9	1
1361	0	488	37.2830	88.9908	-877.2	QAL	8.73	3.41	1.19	0.391	2.870	7.345	1598.	27.	0.	759.7	33.8	1
1362	0	480	37.2830	88.9901	-877.0	QAL	5.80	2.57	1.60	0.444	1.611	3.631	1639.	51.	0.	759.7	33.8	1
1363	0	460	37.2831	88.9893	-876.5	QAL	7.24	3.18	1.12	0.439	2.829	6.445	1549.	55.	0.	759.7	33.8	1
1364	0	440	37.2831	88.9886	-877.2	QAL	7.97	4.63	0.87	0.580	5.308	9.147	1699.	39.	0.	759.2	33.8	1
1365	0	428	37.2831	88.9878	-877.7	QAL	11.91	1.86	1.36	0.156	1.374	8.786	1704.	27.	0.	759.7	33.9	1
1366	0	412	37.2831	88.9871	-878.2	QAL	7.43	1.93	1.59	0.259	1.214	4.681	1748.	37.	0.	760.7	34.0	1
1367	0	408	37.2831	88.9864	-877.5	KU	8.25	1.49	1.74	0.181	0.859	4.750	1750.	46.	2.	761.2	34.0	1
1368	0	400	37.2831	88.9856	-876.0	KU	8.71	2.80	1.50	0.322	1.863	5.789	1750.	35.	0.	761.2	34.0	1
1369	0	384	37.2831	88.9848	-875.0	KU	9.23	2.82	1.56	0.305	1.810	5.926	1838.	37.	4.	761.8	34.0	1
1370	0	364	37.2831	88.9841	-874.0	KU	7.60	2.84	1.60	0.373	1.769	4.740	1842.	42.	3.	761.8	34.0	1
1371	0	364	37.2831	88.9833	-875.0	KU	8.91	3.58	1.46	0.401	2.457	6.122	1775.	42.	0.	761.8	34.0	1
1372	0	372	37.2831	88.9826	-877.5	KU	8.44	2.34	1.78	0.277	1.317	4.752	1802.	36.	0.	761.8	34.0	1
1373	111	372	37.2831	88.9818	-879.0	KU	7.99	2.53	1.21	0.0	0.0	0.0	1779.	32.	0.	765.4	34.0	1
1374	0	372	37.2831	88.9811	-879.2	KU	7.86	4.33	1.00	0.551	4.314	7.829	1799.	37.	0.	761.8	34.1	1
1375	0	376	37.2831	88.9803	-878.5	KU	6.26	2.30	1.47	0.368	1.568	4.264	1748.	31.	0.	761.2	34.2	1
1376	0	380	37.2831	88.9796	-877.7	KU	6.90	4.40	1.39	0.638	3.168	4.965	1773.	42.	0.	761.2	34.2	1
1377	0	380	37.2831	88.9788	-877.5	KU	9.91	2.29	1.48	0.231	1.553	6.715	1762.	43.	0.	761.2	34.2	1
1378	0	376	37.2831	88.9780	-878.0	KU	8.92	2.37	1.48	0.266	1.596	6.007	1804.	48.	0.	760.7	34.2	1

CP 9 1P 12
CP 9 1P 12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UNIR	PRESS	TEMP	SYS
1379	10	384	37.2831	88.9773	-878.7		KU	9.94	1.29	1.34	0.0	0.0	7.428	1761.	43.	0.	760.7	34.2	1
1380	0	388	37.2832	88.9766	-879.2		KU	8.63	2.67	1.24	0.309	2.159	6.984	1767.	50.	2.	760.7	34.2	1
1381	0	376	37.2832	88.9757	-879.5		KU	9.64	3.80	1.36	0.394	2.785	7.063	1765.	33.	0.	760.7	34.2	1
1382	0	376	37.2832	88.9750	-877.5		KU	9.19	2.68	1.56	0.291	1.721	5.905	1808.	35.	0.	760.7	34.2	1
1383	0	396	37.2832	88.9743	-878.0		KU	8.16	3.27	1.42	0.401	2.300	5.736	1797.	42.	0.	760.7	34.2	1
1384	0	408	37.2832	88.9736	-878.5		KU	8.74	2.61	1.59	0.298	1.645	5.513	1738.	45.	0.	760.7	34.1	1
1385	0	420	37.2832	88.9727	-879.0		KU	9.36	2.77	1.35	0.296	2.044	6.914	1799.	30.	0.	759.7	34.1	1
1386	0	432	37.2832	88.9720	-879.5		KU	9.87	1.73	1.41	0.175	1.227	7.002	1661.	34.	0.	759.7	34.1	1
1387	0	440	37.2832	88.9713	-875.7		KU	8.24	4.01	1.51	0.487	2.664	5.472	1645.	51.	0.	760.2	34.1	1
1388	0	448	37.2832	88.9705	-879.7		KU	7.89	2.07	1.49	0.263	1.392	5.298	1720.	45.	0.	760.2	34.1	1
1389	0	444	37.2832	88.9698	-879.7		KU	7.70	3.24	1.02	0.421	3.171	7.535	1639.	46.	0.	759.7	34.0	1
1390	0	444	37.2832	88.9690	-879.2		KU	8.15	3.39	1.57	0.417	2.165	5.196	1798.	39.	0.	759.7	34.0	1
1391	0	432	37.2832	88.9683	-879.7		QT-2	9.86	2.49	1.40	0.252	1.781	7.064	1771.	39.	0.	759.7	33.9	1
1392	0	424	37.2832	88.9675	-879.2		QT-2	9.02	2.61	1.46	0.289	1.786	6.175	1780.	44.	0.	760.7	33.9	1
1393	0	416	37.2832	88.9668	-880.7		QT-2	7.37	3.59	1.56	0.487	2.292	4.711	1724.	31.	0.	760.2	33.9	1
1394	0	416	37.2832	88.9660	-879.2		QT-2	7.82	2.42	1.45	0.309	1.668	5.392	1646.	38.	0.	759.2	33.9	1
1395	0	416	37.2832	88.9652	-878.2		QT-2	6.89	3.69	1.11	0.536	3.311	6.178	1624.	37.	1.	760.2	34.0	1
1396	0	420	37.2832	88.9645	-880.0		QT-2	6.30	4.11	1.11	0.652	3.701	5.673	1601.	36.	3.	760.7	34.0	1
1397	0	432	37.2833	88.9638	-879.7		QT-2	8.27	3.07	0.96	0.372	3.204	8.624	1608.	39.	2.	759.7	34.1	1
1398	0	440	37.2833	88.9630	-880.7		QT-2	5.68	3.19	1.24	0.561	2.568	4.576	1577.	45.	5.	759.7	34.1	1
1399	0	432	37.2833	88.9622	-881.0		QT-2	6.63	2.99	1.27	0.451	2.345	5.205	1631.	35.	0.	760.2	34.1	1
1400	0	436	37.2833	88.9615	-881.0		QT-2	9.30	2.92	1.41	0.314	2.078	6.613	1687.	44.	0.	759.7	34.1	1
1401	0	440	37.2833	88.9608	-880.7		QT-2	8.93	2.55	1.34	0.286	1.909	6.680	1661.	43.	0.	759.7	34.2	1
1402	0	444	37.2833	88.9600	-880.2		QT-2	7.28	2.97	1.39	0.408	2.145	5.251	1661.	38.	0.	760.2	34.2	1
1403	0	440	37.2833	88.9592	-879.5		QT-2	8.22	2.16	1.66	0.263	1.305	4.959	1672.	51.	0.	760.2	34.2	1
1404	0	448	37.2833	88.9585	-879.2		QT-2	9.92	2.05	1.13	0.207	1.816	8.771	1671.	42.	0.	760.2	34.1	1
1405	0	452	37.2833	88.9577	-880.0		QT-2	8.67	3.02	1.40	0.348	2.153	6.190	1663.	42.	0.	759.7	34.1	1
1406	0	448	37.2833	88.9569	-878.7		QT-2	7.46	2.25	1.23	0.301	1.828	6.075	1573.	54.	0.	759.7	34.1	1
1407	0	392	37.2833	88.9562	-879.5		QT-2	6.59	2.92	1.09	0.443	2.674	6.041	1365.	48.	0.	760.7	34.1	1
1408	0	360	37.2833	88.9554	-880.2		QT-1	5.85	1.68	1.04	0.287	1.608	5.602	1237.	44.	0.	760.7	34.1	1
1409	0	356	37.2833	88.9547	-879.0		QT-1	6.11	2.52	0.93	0.413	2.707	6.558	1212.	45.	0.	760.2	34.1	1
1410	0	360	37.2833	88.9540	-877.0		QT-1	6.84	2.03	0.69	0.297	2.954	9.950	1158.	30.	0.	759.7	34.1	1
1411	0	364	37.2834	88.9532	-878.2		QT-1	5.27	2.29	0.88	0.435	2.596	5.963	1258.	39.	1.	760.2	34.1	1
1412	0	396	37.2834	88.9525	-878.5		QT-1	6.17	1.55	0.95	0.252	1.631	6.483	1254.	38.	2.	759.7	34.1	1
1413	0	380	37.2834	88.9517	-878.0		QT-1	5.12	1.31	1.05	0.257	1.253	4.881	1253.	29.	2.	759.7	34.1	1
1414	0	376	37.2834	88.9510	-877.5		QT-1	4.66	1.27	1.10	0.272	1.156	4.244	1300.	45.	3.	760.7	34.1	1
1415	0	372	37.2834	88.9502	-877.2		QT-1	3.89	2.25	0.88	0.579	2.549	4.401	1205.	44.	3.	760.2	34.1	1
1416	0	368	37.2834	88.9495	-878.2		QT-1	6.48	1.56	1.00	0.240	1.565	6.511	1274.	51.	0.	760.2	34.1	1
1417	10	376	37.2834	88.9487	-877.5		QT-1	8.31	1.05	1.15	0.0	0.0	7.229	1365.	32.	3.	759.7	34.1	1
1418	10	380	37.2834	88.9480	-879.0		QT-2	5.64	1.14	0.93	0.0	0.0	6.088	1344.	44.	5.	759.7	34.1	1
1419	0	424	37.2834	88.9472	-879.0		QT-2	7.49	2.02	0.95	0.270	2.130	7.902	1517.	46.	3.	760.7	34.1	1
1420	0	444	37.2834	88.9465	-877.0		QT-2	8.85	2.21	1.24	0.250	1.786	7.136	1660.	44.	3.	759.7	34.0	1
1421	10	444	37.2834	88.9457	-876.7		QT-2	9.22	1.45	1.47	0.0	0.0	6.251	1699.	38.	3.	759.2	34.0	1
1422	0	440	37.2834	88.9449	-879.7		QT-2	7.92	3.36	1.40	0.424	2.409	5.675	1728.	55.	0.	760.7	33.9	1
1423	0	436	37.2835	88.9442	-878.2		QT-2	8.09	3.30	1.85	0.408	1.783	4.374	1743.	38.	0.	761.2	33.9	1
1424	0	436	37.2835	88.9435	-877.7		QT-2	6.97	4.51	1.05	0.646	4.304	6.662	1757.	43.	0.	760.7	33.9	1
1425	0	436	37.2835	88.9426	-879.0		QT-2	8.09	3.02	1.37	0.373	2.204	5.908	1741.	47.	0.	760.2	34.0	1
1426	10	428	37.2835	88.9419	-879.0		QT-2	8.19	1.37	1.33	0.0	0.0	6.160	1770.	41.	0.	760.2	34.0	1
1427	0	428	37.2835	88.9412	-878.5		QT-2	9.92	1.94	1.32	0.196	1.468	7.493	1688.	49.	0.	760.7	34.0	1
1428	0	436	37.2835	88.9405	-877.2		QT-2	8.61	2.95	1.33	0.342	2.216	6.474	1744.	42.	0.	760.7	34.0	1
1429	0	432	37.2835	88.9396	-877.2		QT-2	7.34	1.89	1.33	0.258	1.425	5.525	1696.	31.	4.	761.2	34.1	1
1430	0	424	37.2835	88.9389	-878.7		KU	7.85	2.27	1.13	0.289	2.006	6.935	1615.	30.	0.	760.7	34.1	1
1431	0	428	37.2835	88.9381	-877.2		KU	8.18	3.18	0.89	0.389	3.558	9.142	1577.	48.	0.	759.2	34.1	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1432	0	432	37.2835	88.9374	-876.7	KU	8.98	3.55	1.14	0.395	3.105	7.864	1580.	32.	2.	760.2	34.1	1
1433	0	432	37.2835	88.9366	-876.2	KU	9.16	3.43	1.03	0.374	3.323	8.877	1708.	38.	1.	759.2	34.2	1
1434	0	440	37.2835	88.9359	-876.5	KU	6.03	3.70	1.29	0.613	2.866	4.676	1635.	41.	1.	759.7	34.2	1
1435	0	444	37.2835	88.9352	-876.2	KU	8.40	3.48	1.54	0.414	2.255	5.442	1719.	35.	0.	761.2	34.2	1
1436	0	436	37.2835	88.9344	-876.7	KU	8.46	2.84	1.26	0.336	2.257	6.722	1635.	41.	1.	759.2	34.1	1
1437	0	420	37.2835	88.9337	-877.0	KU	8.35	2.61	1.39	0.312	1.876	6.006	1707.	29.	1.	760.2	34.1	1
1438	0	416	37.2835	88.9329	-875.7	KU	9.82	2.34	1.22	0.238	1.908	8.025	1663.	35.	2.	760.7	34.0	1
1439	0	420	37.2835	88.9321	-875.5	KU	9.01	3.57	1.24	0.396	2.891	7.292	1673.	38.	0.	760.2	34.0	1
1440	0	432	37.2836	88.9314	-874.7	KU	7.74	3.54	1.40	0.457	2.527	5.525	1709.	42.	4.	761.2	34.0	1
1441	0	436	37.2836	88.9307	-873.5	KU	8.29	3.72	1.86	0.449	2.002	4.461	1713.	31.	4.	759.7	34.1	1
1442	0	436	37.2836	88.9299	-873.7	QT-2	7.24	2.51	1.58	0.348	1.593	4.585	1697.	49.	6.	759.7	34.1	1
1443	10	436	37.2836	88.9291	-873.7	QT-2	8.71	0.53	1.66	0.0	0.0	5.255	1653.	49.	8.	761.8	34.0	1
1444	10	436	37.2836	88.9284	-872.7	QT-2	8.68	1.09	1.31	0.0	0.0	6.599	1669.	42.	6.	759.7	34.0	1
1445	0	440	37.2836	88.9277	-872.7	QT-2	8.33	2.55	1.60	0.307	1.599	5.214	1777.	43.	2.	759.7	34.0	1
1446	10	436	37.2836	88.9268	-872.0	QT-2	9.55	1.40	1.52	0.0	0.0	6.268	1660.	38.	3.	761.2	34.1	1
1447	10	440	37.2836	88.9261	-871.7	QT-2	10.23	1.42	1.49	0.0	0.0	6.886	1686.	39.	1.	760.2	34.1	1
1448	0	440	37.2836	88.9253	-872.0	QT-2	7.82	4.85	1.17	0.620	4.138	6.674	1731.	31.	0.	761.2	34.0	1
1449	0	440	37.2836	88.9246	-870.7	QT-2	6.92	2.37	1.39	0.342	1.706	4.983	1667.	46.	3.	760.7	34.0	1
1450	0	440	37.2836	88.9238	-871.2	QT-2	8.59	2.79	1.28	0.325	2.174	6.694	1657.	40.	1.	759.7	34.0	1
1451	0	440	37.2836	88.9231	-871.0	QT-2	9.27	3.41	1.38	0.367	2.473	6.732	1675.	41.	0.	760.7	34.0	1
1452	0	440	37.2836	88.9223	-870.0	QT-2	5.99	3.00	1.33	0.500	2.246	4.488	1576.	52.	3.	759.7	34.0	1
1453	0	444	37.2836	88.9216	-869.2	QT-2	8.93	2.56	1.25	0.286	2.052	7.165	1627.	38.	5.	759.7	34.0	1
1454	0	444	37.2836	88.9208	-868.5	QT-2	8.95	2.61	1.47	0.291	1.767	6.069	1636.	45.	3.	761.8	34.0	1
1455	0	444	37.2836	88.9201	-868.7	QT-2	8.70	2.04	1.01	0.234	2.013	8.588	1611.	45.	1.	759.7	34.0	1
1456	0	440	37.2836	88.9193	-869.2	QT-2	5.40	3.22	1.18	0.596	2.737	4.589	1592.	44.	0.	759.7	34.0	1
1457	0	444	37.2837	88.9186	-868.5	QT-2	10.04	2.33	1.20	0.232	1.931	8.338	1664.	30.	0.	761.2	34.0	1
1458	0	448	37.2837	88.9179	-868.2	KU	8.78	1.84	1.26	0.210	1.460	6.963	1666.	50.	3.	759.2	33.9	1
1459	0	444	37.2837	88.9171	-867.2	KU	8.23	2.51	1.23	0.305	2.033	6.663	1570.	42.	1.	759.2	34.0	1
1460	0	424	37.2837	88.9164	-866.2	KU	9.43	2.62	1.05	0.277	2.496	9.001	1579.	37.	0.	760.7	34.0	1
1461	0	376	37.2837	88.9156	-866.2	KU	5.49	1.50	0.99	0.273	1.509	5.525	1351.	29.	3.	760.2	34.0	1
1462	10	372	37.2837	88.9149	-866.0	KU	7.38	1.15	0.97	0.0	0.0	7.632	1269.	42.	2.	760.2	34.0	1
1463	10	380	37.2837	88.9140	-862.5	QT-2	7.21	1.22	1.01	0.0	0.0	7.149	1260.	49.	0.	760.2	34.0	1
1464	0	376	37.2837	88.9134	-863.7	QT-2	5.26	2.61	0.79	0.495	3.307	6.677	1247.	32.	6.	759.7	33.9	1
1465	0	376	37.2837	88.9125	-864.7	QT-2	7.66	2.31	0.91	0.301	2.524	8.378	1312.	42.	6.	760.7	33.9	1
1466	0	412	37.2837	88.9118	-864.0	QT-2	7.41	2.57	1.12	0.347	2.301	6.629	1500.	47.	3.	759.7	33.8	1
1467	0	460	37.2837	88.9110	-861.7	KU	6.96	2.88	1.20	0.414	2.410	5.821	1587.	52.	1.	758.7	33.8	1
1468	10	452	37.2837	88.9104	-862.2	KU	8.14	0.99	1.23	0.0	0.0	6.639	1544.	44.	6.	759.7	33.8	1
1469	0	444	37.2837	88.9095	-860.2	KU	6.19	1.81	1.48	0.293	1.220	4.171	1614.	32.	8.	759.2	33.8	1
1470	10	436	37.2837	88.9088	-857.2	KU	8.72	1.45	1.15	0.0	0.0	7.602	1567.	48.	8.	759.2	33.8	1
1471	0	408	37.2837	88.9081	-854.5	KU	7.49	2.33	1.14	0.311	2.050	6.587	1578.	41.	7.	761.2	33.8	1
1472	10	420	37.2837	88.9073	-851.2	KU	7.76	0.60	1.45	0.0	0.0	5.358	1730.	42.	7.	760.2	33.8	1
1473	0	400	37.2837	88.9065	-851.2	KU	7.20	2.53	1.30	0.351	1.949	5.546	1729.	38.	0.	760.2	33.8	1
1474	0	384	37.2838	88.9058	-855.7	KU	8.03	3.55	0.91	0.442	3.910	8.848	1612.	39.	0.	760.7	33.8	1
1475	10	384	37.2838	88.9050	-857.7	KU	9.76	0.83	1.43	0.0	0.0	6.802	1666.	44.	1.	758.7	33.8	1
1476	0	396	37.2838	88.9043	-857.0	KU	6.86	3.55	1.06	0.518	3.361	6.488	1650.	41.	0.	758.7	33.8	1
1477	0	396	37.2838	88.9035	-856.7	KU	8.27	2.88	1.04	0.348	2.761	7.927	1646.	50.	3.	761.2	33.8	1
1478	0	400	37.2838	88.9028	-855.5	KU	5.03	3.48	1.18	0.692	2.960	4.279	1508.	48.	4.	760.2	33.8	1
1479	0	408	37.2838	88.9020	-854.5	KU	5.23	3.40	1.18	0.650	2.880	4.430	1642.	29.	1.	759.2	33.8	1
1480	0	416	37.2838	88.9013	-853.5	KU	6.63	2.91	1.46	0.439	1.997	4.552	1595.	31.	0.	760.7	33.7	1
1481	10	416	37.2838	88.9005	-852.5	KU	6.50	0.76	1.41	0.0	0.0	4.600	1436.	44.	2.	759.7	33.8	1
1482	10	348	37.2838	88.8997	-853.0	KU	9.45	0.07	0.93	0.0	0.0	10.141	1327.	38.	4.	759.7	33.7	1
1483	10	344	37.2838	88.8990	-853.0	KU	4.85	0.96	1.06	0.0	0.0	4.555	1319.	44.	7.	761.8	33.7	1
1484	0	396	37.2838	88.8983	-851.2	KU	5.19	3.45	1.13	0.664	3.041	4.578	1515.	33.	2.	760.7	33.8	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1485	0	408	37.2838	88.8976	-849.2	KU	6.91	2.36	1.25	0.341	1.877	5.509	1573.	31.	0.	760.7	33.8	1
1486	0	404	37.2838	88.8967	-849.0	KU	7.68	2.06	1.51	0.269	1.365	5.079	1623.	33.	2.	761.2	33.8	1
1487	0	396	37.2838	88.8960	-849.0	KU	7.22	2.77	1.19	0.383	2.325	6.065	1583.	54.	3.	759.2	33.8	1
1488	0	380	37.2838	88.8953	-847.2	KU	7.91	2.04	1.05	0.258	1.947	7.541	1638.	46.	4.	760.2	33.7	1
1489	0	380	37.2838	88.8945	-846.7	KU	10.66	1.87	1.29	0.175	1.456	8.297	1713.	36.	4.	762.3	33.7	1
1490	0	372	37.2838	88.8937	-844.7	KU	8.02	4.89	0.97	0.609	5.029	8.260	1758.	32.	3.	760.2	33.7	1
1491	0	372	37.2838	88.8930	-844.5	KU	5.92	4.85	1.17	0.819	4.157	5.075	1677.	48.	3.	760.7	33.8	1
1492	0	376	37.2839	88.8922	-844.5	KU	9.51	1.47	1.33	0.154	1.099	7.135	1749.	42.	4.	762.8	33.7	1
1493	0	364	37.2839	88.8915	-843.7	KU	7.56	1.91	1.18	0.252	1.623	6.432	1739.	26.	9.	760.7	33.7	1
1494	0	352	37.2839	88.8907	-842.0	KU	8.36	2.83	1.27	0.338	2.225	6.573	1755.	43.	7.	760.7	33.7	1
1495	10	352	37.2839	88.8900	-841.7	KU	9.64	0.59	1.30	0.0	0.0	7.422	1681.	60.	7.	762.3	33.7	1
1496	0	364	37.2839	88.8892	-840.7	KU	7.90	1.76	1.39	0.223	1.262	5.674	1690.	37.	6.	760.2	33.7	1
1497	0	380	37.2839	88.8885	-839.5	KU	8.59	2.13	1.25	0.248	1.696	6.850	1743.	40.	5.	760.2	33.8	1
1498	0	396	37.2839	88.8877	-839.0	KU	12.17	1.67	1.20	0.137	1.391	10.170	1685.	31.	1.	762.8	33.7	1
1499	0	408	37.2839	88.8870	-838.0	KU	5.46	3.09	1.54	0.565	2.002	3.541	1660.	48.	4.	761.8	33.7	1
1500	0	384	37.2839	88.8862	-837.0	KU	5.23	3.14	1.07	0.600	2.926	4.875	1465.	48.	2.	760.7	33.7	1
1501	10	376	37.2839	88.8855	-836.5	QT-2	8.41	1.23	1.06	0.0	0.0	7.926	1470.	28.	3.	761.8	33.7	1
1502	10	376	37.2839	88.8847	-834.2	QT-2	9.75	1.32	1.22	0.0	0.0	7.976	1491.	38.	0.	760.7	33.7	1
1503	0	344	37.2839	88.8839	-833.7	QT-2	7.42	2.55	1.02	0.343	2.503	7.290	1368.	44.	0.	760.7	33.7	1
1504	0	348	37.2839	88.8832	-831.2	QT-2	6.68	1.91	0.70	0.286	2.745	9.596	1319.	42.	0.	762.8	33.7	1
1505	0	376	37.2839	88.8825	-829.7	QT-2	6.92	2.13	1.10	0.308	1.937	6.283	1428.	31.	0.	760.7	33.7	1
1506	0	412	37.2839	88.8817	-829.2	QT-2	7.61	1.62	1.11	0.212	1.456	6.853	1513.	42.	3.	759.7	33.7	1
1507	0	392	37.2839	88.8809	-830.0	KU	8.39	1.97	1.08	0.235	1.817	7.743	1591.	45.	1.	761.8	33.7	1
1508	0	396	37.2839	88.8802	-827.7	KU	6.98	4.21	1.13	0.603	3.713	6.155	1697.	40.	0.	761.8	33.7	1
1509	0	412	37.2840	88.8794	-827.5	KU	6.05	3.96	1.33	0.655	2.970	4.533	1652.	40.	1.	759.7	33.6	1
1510	0	424	37.2840	88.8787	-826.5	KU	5.17	2.57	1.34	0.498	1.921	3.854	1615.	38.	2.	760.7	33.6	1
1511	10	428	37.2840	88.8779	-825.5	KU	8.03	0.73	1.20	0.0	0.0	6.717	1540.	36.	0.	761.8	33.6	1
1512	0	424	37.2840	88.8772	-825.0	KU	6.37	2.95	1.08	0.463	2.720	5.876	1493.	42.	0.	760.7	33.6	1
1513	0	408	37.2840	88.8764	-823.7	KU	8.52	3.46	0.97	0.406	3.563	8.777	1496.	35.	0.	760.2	33.6	1
1514	0	408	37.2840	88.8757	-822.2	KU	7.60	1.75	1.21	0.230	1.441	6.271	1443.	40.	0.	761.8	33.6	1
1515	0	416	37.2840	88.8749	-822.5	KU	7.37	2.74	1.16	0.372	2.356	6.335	1537.	30.	3.	760.7	33.7	1
1516	10	412	37.2840	88.8742	-820.7	KU	9.37	1.33	1.14	0.0	0.0	8.228	1672.	34.	7.	758.7	33.8	1
1517	0	420	37.2840	88.8734	-819.2	KU	6.69	2.61	1.27	0.389	2.052	5.268	1676.	49.	11.	759.7	33.8	1
1518	0	416	37.2840	88.8727	-818.2	KU	9.07	2.48	1.26	0.273	1.965	7.185	1665.	32.	10.	761.8	33.8	1
1519	0	408	37.2840	88.8719	-817.0	KU	8.35	2.02	1.19	0.242	1.705	7.043	1690.	50.	9.	761.8	33.8	1
1520	10	388	37.2840	88.8712	-815.7	KU	8.18	1.34	1.46	0.0	0.0	5.589	1704.	37.	11.	759.7	33.8	1
1521	0	388	37.2840	88.8704	-814.5	KU	6.67	1.60	1.20	0.240	1.329	5.534	1565.	51.	8.	759.7	33.9	1
1522	0	388	37.2840	88.8697	-814.0	KU	8.21	3.83	1.36	0.467	2.825	6.048	1674.	29.	5.	760.7	33.8	1
1523	0	384	37.2840	88.8689	-812.7	KU	9.57	2.85	1.29	0.298	2.211	7.421	1666.	40.	4.	761.8	33.9	1
1524	0	380	37.2840	88.8682	-811.7	KU	8.22	1.76	1.50	0.214	1.176	5.493	1709.	29.	3.	761.8	33.9	1
1525	0	400	37.2840	88.8674	-812.0	KU	6.78	3.66	1.22	0.541	3.006	5.561	1654.	40.	1.	759.7	34.0	1
1526	0	412	37.2841	88.8666	-810.2	KU	8.53	3.14	1.23	0.368	2.540	6.909	1662.	47.	1.	759.7	33.9	1
1527	0	404	37.2841	88.8659	-810.0	KU	7.50	2.42	1.28	0.323	1.899	5.874	1619.	45.	5.	761.8	33.9	1
1528	0	396	37.2841	88.8652	-809.2	KU	6.34	2.51	1.39	0.396	1.809	4.568	1647.	50.	3.	762.3	33.9	1
1529	0	352	37.2841	88.8643	-806.7	KU	8.25	2.91	0.91	0.352	3.180	9.025	1620.	34.	3.	761.2	33.9	1
1530	0	356	37.2841	88.8636	-804.0	KU	7.10	2.86	1.14	0.402	2.496	6.202	1607.	34.	3.	761.2	33.9	1
1531	0	348	37.2841	88.8629	-802.7	KU	8.97	1.82	1.35	0.203	1.351	6.655	1568.	37.	4.	759.7	33.8	1
1532	0	356	37.2841	88.8622	-800.2	KU	5.99	2.13	1.41	0.356	1.515	4.250	1566.	45.	4.	758.7	33.8	1
1533	0	348	37.2841	88.8614	-799.5	KU	7.12	3.08	0.98	0.432	3.144	7.271	1511.	45.	5.	760.7	33.8	1
1534	0	308	37.2841	88.8606	-798.7	KU	6.73	2.06	0.93	0.305	2.202	7.209	1356.	36.	6.	761.8	33.8	1
1535	0	316	37.2842	88.8599	-797.5	KU	3.95	1.87	0.84	0.473	2.239	4.732	1121.	41.	6.	760.7	33.7	1
1536	0	324	37.2842	88.8591	-795.5	QT-1	2.91	1.76	0.59	0.605	3.008	4.974	926.	40.	11.	760.7	33.7	1
1537	0	352	37.2841	88.8584	-795.5	QT-1	1.58	1.31	0.39	0.827	3.329	4.027	671.	41.	11.	759.7	33.7	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1538	10	400	37.2841	88.8576	-796.7	QT-1	2.89	0.24	0.37	0.0	0.0	7.810	587.	34.	13.	759.2	33.7	1
1539	10	416	37.2841	88.8569	-794.5	QT-1	2.35	-1.89	0.64	0.0	0.0	3.694	614.	52.	13.	760.2	33.7	1
1540	10	416	37.2841	88.8561	-788.0	QT-1	4.90	0.64	0.61	0.0	0.0	8.006	882.	31.	12.	761.2	33.7	1
1541	10	424	37.2841	88.8554	-781.2	QT-1	4.40	0.69	0.83	0.0	0.0	5.323	1072.	51.	10.	761.8	33.7	1
1542	0	436	37.2841	88.8546	-782.5	QT-1	7.49	3.28	0.95	0.438	3.464	7.914	1332.	46.	6.	761.8	33.7	1
1543	10	436	37.2842	88.8539	-789.2	QT-1	7.25	0.23	1.18	0.0	0.0	6.168	1476.	54.	8.	759.7	33.7	1
1544	0	444	37.2842	88.8531	-792.2	QT-2	7.34	1.80	1.20	0.245	1.495	6.101	1561.	37.	8.	759.2	33.7	1
1545	0	440	37.2842	88.8524	-791.0	QT-2	6.64	1.52	1.64	0.229	0.926	4.048	1739.	32.	9.	759.7	33.7	1
1546	0	440	37.2842	88.8515	-789.0	QT-2	8.34	1.67	1.28	0.200	1.306	6.520	1686.	51.	8.	759.7	33.7	1
1547	0	436	37.2842	88.8508	-786.5	QT-2	7.93	2.20	1.11	0.277	1.971	7.119	1675.	40.	5.	759.7	33.7	1
1548	0	436	37.2842	88.8501	-786.2	QT-2	8.30	2.85	1.35	0.343	2.113	6.164	1628.	43.	1.	760.7	33.6	1
1549	0	432	37.2842	88.8493	-786.5	QT-2	8.84	1.85	1.24	0.210	1.491	7.110	1593.	43.	4.	759.7	33.7	1
1550	0	368	37.2842	88.8485	-785.2	QT-2	8.44	2.55	0.86	0.302	2.966	9.822	1476.	22.	2.	760.2	33.6	1
1551	0	380	37.2842	88.8478	-783.5	QT-2	6.37	2.42	0.98	0.380	2.474	6.520	1324.	46.	3.	761.8	33.6	1
1552	10	432	37.2842	88.8470	-782.0	QT-2	7.63	1.01	1.27	0.0	0.0	5.988	1497.	54.	3.	761.8	33.6	1
1553	10	448	37.2842	88.8463	-782.0	QT-2	9.23	0.69	1.31	0.0	0.0	7.016	1463.	33.	5.	760.7	33.6	1
1554	0	448	37.2842	88.8456	-782.2	QT-2	8.19	2.37	1.34	0.290	1.778	6.138	1458.	44.	1.	760.7	33.5	1
1555	0	456	37.2842	88.8448	-779.5	QT-2	8.08	2.31	1.19	0.286	1.938	6.767	1543.	37.	5.	760.2	33.6	1
1556	10	460	37.2842	88.8441	-779.5	QT-2	10.46	1.51	0.85	0.0	0.0	12.312	1557.	40.	1.	760.2	33.5	1
1557	0	460	37.2842	88.8433	-780.2	QT-2	9.38	1.68	1.33	0.179	1.263	7.070	1587.	49.	0.	761.2	33.5	1
1558	0	460	37.2842	88.8426	-778.7	QAL	7.75	2.10	1.23	0.271	1.707	6.293	1551.	34.	3.	761.2	33.5	1
1559	0	460	37.2842	88.8418	-778.5	QAL	8.25	1.69	0.99	0.205	1.718	8.368	1535.	42.	5.	760.7	33.5	1
1560	0	460	37.2843	88.8410	-779.2	QAL	11.36	3.07	0.99	0.270	3.092	11.453	1569.	35.	0.	761.8	33.5	1
1561	0	460	37.2843	88.8403	-777.5	QAL	7.53	4.24	0.95	0.563	4.459	7.915	1633.	33.	0.	761.8	33.5	1
1562	0	460	37.2843	88.8396	-777.7	QAL	7.28	2.57	1.17	0.353	2.192	6.209	1516.	49.	0.	761.8	33.5	1
1563	0	456	37.2843	88.8387	-778.7	QAL	6.45	4.03	1.14	0.624	3.531	5.661	1545.	37.	0.	760.7	33.5	1
1564	0	456	37.2843	88.8380	-778.7	QAL	9.90	3.87	0.79	0.391	4.872	12.472	1601.	28.	0.	760.7	33.5	1
1565	10	452	37.2843	88.8373	-779.0	QAL	9.60	1.10	0.99	0.0	0.0	9.731	1605.	43.	0.	761.8	33.6	1
1566	0	452	37.2843	88.8366	-778.7	QAL	11.02	3.00	1.08	0.272	2.770	10.191	1662.	36.	0.	761.8	33.6	1
1567	0	452	37.2843	88.8358	-779.7	QAL	8.53	2.79	1.29	0.328	2.173	6.633	1617.	51.	0.	761.8	33.7	1
1568	0	452	37.2843	88.8351	-778.2	QAL	10.44	2.59	1.14	0.248	2.268	9.135	1600.	40.	0.	760.7	33.6	1
1569	0	448	37.2843	88.8342	-779.0	QAL	7.10	2.26	1.27	0.319	1.776	5.573	1665.	38.	1.	759.7	33.6	1
1570	0	448	37.2843	88.8335	-779.7	QAL	8.00	2.48	1.04	0.310	2.383	7.677	1634.	36.	3.	759.7	33.5	1
1571	0	448	37.2843	88.8328	-780.5	QAL	9.11	2.32	1.24	0.254	1.866	7.341	1667.	42.	3.	759.7	33.5	1
1572	10	444	37.2843	88.8320	-781.2	QAL	11.01	1.57	0.76	0.0	0.0	14.476	1580.	39.	2.	759.7	33.5	1
1573	0	440	37.2843	88.8312	-781.5	QAL	8.42	3.22	1.04	0.383	3.104	8.110	1672.	24.	0.	759.7	33.5	1
1574	0	440	37.2843	88.8305	-782.0	QAL	8.64	3.50	1.06	0.405	3.305	8.156	1551.	41.	1.	759.7	33.5	1
1575	0	440	37.2843	88.8297	-783.2	QAL	9.00	1.62	1.19	0.180	1.362	7.549	1559.	43.	2.	759.7	33.5	1
1576	0	440	37.2843	88.8290	-783.5	QAL	9.33	2.93	1.03	0.314	2.840	9.037	1579.	31.	2.	759.7	33.6	1
1577	0	436	37.2843	88.8283	-782.0	QAL	7.61	1.80	1.06	0.236	1.691	7.159	1473.	28.	0.	759.7	33.6	1
1578	0	436	37.2843	88.8275	-780.2	QAL	5.69	3.42	0.82	0.601	4.151	6.906	1378.	42.	1.	760.7	33.5	1
1579	0	436	37.2843	88.8268	-783.5	QAL	9.12	2.04	1.06	0.224	1.930	8.608	1478.	37.	0.	761.8	33.5	1
1580	10	436	37.2843	88.8261	-786.2	QAL	6.87	1.34	1.15	0.0	0.0	5.982	1446.	45.	2.	762.3	33.5	1
1581	0	428	37.2843	88.8253	-788.2	QAL	8.29	3.72	1.27	0.448	2.927	6.530	1538.	36.	0.	762.3	33.5	1
1582	0	400	37.2843	88.8246	-788.0	QAL	6.93	1.76	1.17	0.254	1.501	5.912	1406.	33.	0.	762.3	33.5	1
1583	0	372	37.2843	88.8239	-787.5	QAL	6.50	2.37	0.93	0.365	2.543	6.964	1255.	43.	0.	761.8	33.6	1
1584	0	368	37.2843	88.8231	-790.5	QAL	6.77	1.75	1.00	0.259	1.759	6.791	1277.	27.	5.	760.7	33.5	1
1585	0	364	37.2843	88.8224	-792.5	QAL	5.95	2.73	0.89	0.459	3.084	6.719	1293.	48.	5.	759.7	33.6	1
1586	0	368	37.2843	88.8216	-792.0	QAL	6.59	2.49	0.87	0.378	2.876	7.601	1360.	40.	5.	759.2	33.5	1
1587	10	416	37.2843	88.8209	-794.0	QAL	8.60	1.22	1.12	0.0	0.0	7.645	1495.	31.	4.	759.2	33.5	1
1588	0	428	37.2843	88.8202	-795.7	QAL	6.27	4.39	1.11	0.699	3.958	5.663	1561.	35.	1.	759.2	33.5	1
1589	0	428	37.2843	88.8195	-797.2	QAL	7.60	1.47	1.32	0.194	1.117	5.763	1513.	52.	3.	760.2	33.6	1
1590	0	432	37.2843	88.8187	-799.5	QT-2	8.58	2.35	1.16	0.274	2.023	7.379	1609.	43.	2.	761.2	33.6	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1591	0	432	37.2843	88.8179	-801.2	QT-2	9.32	3.38	1.14	0.363	2.955	8.147	1543.	39.	0.	761.8	33.6	1
1592	0	432	37.2843	88.8172	-803.0	QT-2	9.88	3.31	1.13	0.335	2.925	8.738	1532.	55.	0.	761.8	33.6	1
1593	10	432	37.2843	88.8165	-805.2	QT-2	9.05	1.02	1.25	0.0	0.0	7.241	1569.	52.	0.	760.7	33.6	1
1594	10	436	37.2843	88.8158	-807.5	QT-2	8.17	0.46	1.16	0.0	0.0	7.061	1565.	58.	1.	759.2	33.7	1
1595	10	440	37.2843	88.8150	-807.5	QT-2	8.87	0.57	1.23	0.0	0.0	7.201	1552.	53.	4.	759.2	33.8	1
1596	0	440	37.2843	88.8143	-808.7	QT-2	5.52	2.29	1.38	0.416	1.667	4.011	1540.	46.	7.	760.2	33.7	1
1597	0	444	37.2843	88.8136	-810.0	QT-2	10.07	1.70	1.30	0.168	1.303	7.734	1564.	40.	4.	761.2	33.7	1
1598	10	436	37.2843	88.8129	-812.2	QT-2	8.32	1.19	1.23	0.0	0.0	6.786	1429.	39.	6.	761.2	33.7	1
1599	10	424	37.2843	88.8120	-815.5	QT-2	9.15	0.76	1.14	0.0	0.0	8.041	1381.	40.	7.	761.8	33.7	1
1600	0	416	37.2843	88.8113	-818.2	QT-2	6.56	2.01	1.26	0.307	1.593	5.195	1402.	43.	6.	760.7	33.6	1
1601	0	412	37.2843	88.8106	-820.0	QT-2	6.70	3.52	0.96	0.525	3.665	6.983	1359.	43.	4.	759.7	33.6	1
1602	0	412	37.2843	88.8099	-820.2	QT-2	7.67	1.59	1.26	0.207	1.263	6.110	1430.	40.	1.	760.2	33.6	1
1603	0	404	37.2843	88.8091	-822.2	QT-2	7.02	3.00	0.97	0.428	3.094	7.230	1470.	33.	0.	761.2	33.6	1
1604	0	400	37.2843	88.8084	-825.7	QT-2	7.19	2.64	1.01	0.366	2.601	7.098	1378.	30.	0.	762.3	33.6	1
1605	0	400	37.2843	88.8077	-827.5	QT-1	5.57	3.52	1.10	0.632	3.192	5.053	1462.	31.	0.	762.8	33.6	1
1606	0	396	37.2843	88.8070	-830.2	QT-1	6.54	1.93	1.23	0.295	1.561	5.296	1382.	43.	0.	761.8	33.6	1
1607	0	396	37.2843	88.8062	-833.7	QT-2	6.31	4.44	0.94	0.704	4.713	6.691	1483.	45.	0.	760.7	33.6	1
1608	0	400	37.2843	88.8054	-836.5	QT-2	5.84	3.13	1.14	0.537	2.739	5.097	1505.	35.	0.	760.7	33.6	1
1609	0	400	37.2843	88.8047	-839.0	QT-2	8.10	2.86	1.06	0.353	2.695	7.637	1537.	35.	0.	760.7	33.6	1
1610	0	400	37.2843	88.8040	-840.7	QT-2	8.75	2.00	1.18	0.229	1.695	7.400	1543.	41.	0.	761.8	33.6	1
1611	0	400	37.2843	88.8033	-842.5	QT-2	9.90	1.84	1.35	0.185	1.360	7.340	1606.	43.	0.	762.8	33.6	1
1612	0	400	37.2843	88.8025	-845.2	QT-2	10.17	1.81	1.29	0.178	1.404	7.895	1548.	36.	0.	762.3	33.6	1
1613	0	400	37.2843	88.8018	-847.7	QT-2	6.22	3.62	1.31	0.582	2.767	4.756	1495.	47.	0.	760.2	33.6	1
1614	0	404	37.2843	88.8011	-850.0	QT-2	6.54	2.46	1.02	0.375	2.396	6.384	1505.	30.	2.	760.2	33.8	1
1615	0	412	37.2843	88.8004	-853.2	QT-1	7.37	2.99	1.34	0.406	2.235	5.502	1535.	49.	3.	761.2	33.9	1
1616	0	420	37.2843	88.7995	-855.2	QT-1	6.63	3.09	0.94	0.467	3.298	7.069	1477.	32.	0.	761.8	33.9	1
1617	0	420	37.2843	88.7988	-857.5	QT-1	5.55	2.63	0.98	0.473	2.688	5.680	1417.	38.	2.	761.8	33.9	1
1618	0	420	37.2843	88.7981	-859.5	QT-1	4.15	3.06	1.05	0.738	2.902	3.934	1381.	40.	0.	760.7	33.8	1
1619	0	420	37.2843	88.7974	-863.0	QT-1	6.09	2.32	0.93	0.382	2.498	6.547	1282.	38.	0.	759.7	33.8	1
1620	10	420	37.2843	88.7966	-864.5	QT-1	5.03	1.21	1.27	0.0	0.0	3.943	1222.	44.	5.	759.7	33.7	1
1621	0	416	37.2843	88.7959	-867.2	QT-1	5.54	2.64	0.88	0.476	2.985	6.266	1182.	48.	3.	761.8	33.7	1
1622	0	416	37.2843	88.7952	-870.2	QT-1	6.57	2.61	0.84	0.397	3.103	7.818	1181.	36.	0.	760.7	33.6	1
1623	0	416	37.2843	88.7944	-872.7	QT-1	4.58	2.74	0.82	0.599	3.322	5.550	1183.	38.	3.	759.7	33.7	1
1624	10	404	37.2843	88.7937	-874.5	QT-1	6.85	1.23	1.12	0.0	0.0	6.116	1273.	26.	2.	759.7	33.7	1
1625	10	412	37.2843	88.7930	-877.5	QT-2	6.31	1.09	1.07	0.0	0.0	5.909	1368.	36.	5.	760.7	33.7	1
1626	0	416	37.2843	88.7922	-880.0	MCU	7.46	2.78	1.21	0.372	2.294	6.167	1473.	41.	0.	760.7	33.6	1
1627	0	412	37.2843	88.7915	-880.5	MCU	8.81	2.21	1.26	0.251	1.748	6.972	1474.	46.	0.	758.7	33.6	1
1628	0	416	37.2843	88.7908	-883.5	MCU	6.58	1.39	1.54	0.212	0.903	4.269	1491.	44.	4.	758.7	33.6	1
1629	0	408	37.2843	88.7900	-886.5	MCU	8.86	1.89	0.97	0.213	1.940	9.109	1544.	48.	2.	761.2	33.6	1
1630	0	396	37.2843	88.7892	-888.0	QAL	8.58	1.58	1.18	0.185	1.345	7.282	1576.	49.	1.	760.2	33.5	1
1631	0	408	37.2843	88.7885	-890.2	QAL	5.90	3.13	1.36	0.530	2.298	4.334	1584.	47.	1.	758.1	33.5	1
1632	0	432	37.2843	88.7878	-894.0	QAL	7.67	2.63	1.24	0.342	2.116	6.179	1598.	35.	0.	760.2	33.5	1
1633	0	444	37.2843	88.7871	-895.0	QAL	6.87	2.90	0.82	0.423	3.533	8.359	1554.	37.	0.	761.2	33.5	1
1634	0	448	37.2843	88.7863	-897.5	QAL	8.60	3.91	0.97	0.454	4.013	8.834	1633.	32.	0.	759.7	33.5	1
1635	0	456	37.2843	88.7856	-899.0	QAL	9.77	1.72	1.23	0.176	1.390	7.919	1595.	41.	1.	759.7	33.4	1
1636	0	460	37.2843	88.7849	-899.7	QAL	8.66	3.74	1.15	0.432	3.259	7.546	1648.	40.	0.	760.7	33.4	1
1637	0	460	37.2843	88.7842	-903.2	QAL	5.40	4.30	1.03	0.797	4.181	5.246	1555.	55.	1.	759.7	33.5	1
1638	10	456	37.2843	88.7834	-905.7	QAL	10.82	1.01	1.39	0.0	0.0	7.783	1634.	45.	2.	758.7	33.5	1
1639	0	456	37.2843	88.7827	-908.7	QAL	6.57	4.29	1.61	0.654	2.662	4.071	1717.	46.	0.	759.7	33.5	1
1640	0	456	37.2843	88.7819	-913.0	QAL	8.64	2.61	1.32	0.302	1.983	6.563	1677.	52.	0.	760.7	33.5	1
1641	0	456	37.2843	88.7812	-912.2	QAL	10.44	2.21	1.33	0.211	1.657	7.833	1649.	40.	1.	759.7	33.6	1
1642	0	452	37.2843	88.7805	-913.7	QAL	9.57	2.40	1.57	0.251	1.532	6.110	1689.	40.	0.	759.7	33.5	1
1643	10	452	37.2843	88.7797	-917.7	QAL	9.74	0.76	1.46	0.0	0.0	6.670	1647.	35.	3.	760.7	33.5	1

CP9 LP12

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1644	0	452	37.2843	88.7790	-918.2	QAL	7.82	4.04	1.10	0.517	3.669	7.095	1625.	41.	3.	759.7	33.5	1
1645	10	452	37.2843	88.7783	-920.0	QAL	10.21	1.45	1.03	0.0	0.0	9.944	1550.	26.	3.	759.7	33.5	1
1646	0	452	37.2843	88.7775	-923.5	QAL	5.47	1.75	1.31	0.319	1.328	4.157	1581.	43.	6.	761.8	33.5	1
1647	0	448	37.2843	88.7768	-926.0	QAL	6.26	2.36	1.43	0.377	1.650	4.378	1584.	39.	4.	759.7	33.6	1
1648	0	448	37.2843	88.7761	-927.7	QAL	8.02	1.67	1.49	0.208	1.117	5.374	1657.	23.	5.	759.7	33.5	1
1649	0	444	37.2843	88.7753	-929.2	QAL	8.05	1.99	1.51	0.248	1.322	5.342	1538.	41.	4.	761.8	33.5	1
1650	10	444	37.2843	88.7746	-930.7	QAL	7.51	0.51	1.29	0.0	0.0	5.810	1597.	35.	5.	760.2	33.5	1
1651	0	436	37.2843	88.7738	-932.7	QAL	7.52	1.77	1.20	0.236	1.481	6.281	1568.	47.	3.	760.2	33.5	1
1652	10	432	37.2843	88.7731	-936.2	QAL	8.24	0.24	1.33	0.0	0.0	6.178	1499.	45.	3.	761.2	33.5	1
1653	0	432	37.2843	88.7724	-938.5	QAL	10.10	4.14	0.96	0.410	4.311	10.522	1577.	41.	0.	759.7	33.6	1
1654	0	436	37.2843	88.7717	-939.2	QAL	8.29	1.89	1.17	0.228	1.615	7.080	1498.	52.	0.	760.2	33.6	1
1655	0	440	37.2843	88.7709	-941.2	QAL	7.85	2.22	1.29	0.283	1.728	6.102	1519.	46.	0.	761.8	33.7	1
1656	0	444	37.2843	88.7702	-943.7	QAL	7.00	2.62	1.17	0.375	2.250	5.998	1579.	38.	0.	760.7	33.6	1
1657	0	444	37.2843	88.7695	-945.5	QAL	6.31	2.33	1.39	0.369	1.675	4.545	1415.	42.	2.	760.7	33.6	1
1658	0	440	37.2843	88.7687	-946.2	QAL	9.68	1.99	1.00	0.206	2.002	9.725	1548.	40.	3.	760.7	33.6	1
1659	0	432	37.2843	88.7680	-948.0	QAL	7.75	2.85	1.29	0.367	2.206	6.004	1542.	38.	1.	760.2	33.6	1
1660	0	428	37.2843	88.7672	-951.0	QAL	6.86	1.35	1.22	0.197	1.102	5.604	1480.	47.	0.	760.7	33.5	1
1661	0	424	37.2843	88.7665	-954.0	QAL	6.74	2.30	1.02	0.341	2.253	6.613	1469.	45.	3.	760.7	33.5	1
1662	0	420	37.2843	88.7658	-955.0	QAL	6.49	2.17	1.38	0.334	1.573	4.702	1453.	42.	4.	760.7	33.5	1
1663	0	420	37.2843	88.7650	-956.7	QAL	8.04	2.80	1.11	0.348	2.515	7.219	1460.	35.	4.	761.2	33.5	1
1664	10	420	37.2843	88.7643	-958.7	QAL	7.10	1.19	1.28	0.0	0.0	5.554	1463.	38.	4.	761.2	33.5	1
1665	0	420	37.2843	88.7636	-961.5	QAL	6.35	2.25	1.21	0.355	1.861	5.240	1383.	49.	7.	761.8	33.5	1
1666	10	424	37.2842	88.7628	-961.2	QAL	7.06	1.04	1.26	0.0	0.0	5.620	1465.	33.	8.	761.2	33.5	1
1667	0	420	37.2842	88.7622	-962.7	QAL	4.49	1.66	1.31	0.370	1.273	3.436	1444.	48.	4.	760.2	33.5	1
1668	0	416	37.2842	88.7613	-963.7	QAL	7.28	2.99	1.00	0.411	2.987	7.263	1430.	33.	6.	761.2	33.6	1
1669	10	428	37.2842	88.7606	-966.5	QAL	6.81	0.64	1.25	0.0	0.0	5.458	1457.	35.	6.	760.7	33.6	1
1670	10	432	37.2842	88.7599	-969.5	QAL	9.44	-0.12	1.03	0.0	0.0	9.177	1474.	35.	7.	760.2	33.6	1
1671	0	436	37.2842	88.7592	-972.5	QAL	7.62	2.64	1.28	0.347	2.061	5.938	1581.	45.	4.	760.7	33.6	1
1672	0	436	37.2842	88.7584	-974.0	QAL	7.44	2.59	1.09	0.348	2.383	6.856	1606.	26.	2.	760.2	33.6	1
1673	0	440	37.2842	88.7577	-975.0	QAL	6.77	2.70	1.10	0.398	2.449	6.146	1516.	39.	1.	760.2	33.7	1
1674	0	444	37.2842	88.7570	-976.2	QAL	6.96	2.46	1.30	0.353	1.887	5.341	1586.	40.	4.	760.7	33.7	1
1675	0	440	37.2842	88.7562	-977.5	QAL	5.55	2.72	1.12	0.490	2.429	4.955	1409.	32.	0.	760.7	33.7	1
1676	0	444	37.2842	88.7554	-978.7	QAL	6.51	3.44	0.98	0.529	3.493	6.608	1463.	43.	0.	760.7	33.7	1
1677	0	440	37.2842	88.7547	-980.7	QAL	6.97	2.65	1.22	0.380	2.164	5.687	1484.	44.	0.	760.7	33.7	1
1678	0	440	37.2842	88.7540	-983.2	QAL	5.46	4.02	0.77	0.736	5.248	7.128	1435.	52.	0.	760.2	33.7	1
1679	0	440	37.2842	88.7533	-984.2	QAL	6.82	2.48	1.22	0.363	2.025	5.576	1434.	38.	0.	760.7	33.7	1
1680	0	436	37.2842	88.7525	-985.0	QAL	5.81	2.47	1.16	0.426	2.132	5.005	1448.	41.	0.	760.7	33.6	1
1681	0	380	37.2842	88.7518	-987.0	QAL	4.74	2.89	0.79	0.610	3.678	6.027	1217.	50.	0.	759.2	33.6	1
1682	0	348	37.2842	88.7511	-990.2	QAL	6.81	2.43	0.97	0.356	2.512	7.051	1237.	38.	0.	759.2	33.6	1
1683	0	404	37.2842	88.7504	-991.2	MCL	7.51	1.92	1.07	0.255	1.794	7.035	1364.	33.	3.	759.7	33.6	1
1684	0	412	37.2842	88.7496	-992.2	MCL	5.58	2.94	1.06	0.526	2.760	5.248	1327.	50.	3.	759.7	33.6	1
1685	0	412	37.2842	88.7488	-994.7	MCL	8.33	2.09	1.17	0.251	1.777	7.090	1475.	25.	5.	760.7	33.6	1
1686	0	416	37.2842	88.7481	-995.0	MCL	6.72	3.47	1.33	0.517	2.609	5.046	1493.	40.	1.	761.2	33.6	1
1687	0	412	37.2842	88.7474	-995.5	MCL	7.85	2.49	1.11	0.318	2.245	7.065	1566.	42.	0.	760.2	33.6	1
1688	0	408	37.2842	88.7467	-996.7	MCL	6.30	2.25	1.00	0.357	2.256	6.318	1408.	35.	5.	760.7	33.6	1
1689	0	404	37.2842	88.7459	-999.0	MCL	6.78	2.81	0.84	0.415	3.345	8.069	1305.	44.	4.	761.8	33.6	1
1690	10	404	37.2842	88.7452	-999.5	MCL	6.63	1.07	0.82	0.0	0.0	8.057	1304.	35.	4.	760.7	33.5	1
1691	0	388	37.2842	88.7445	-1000.2	QAL	6.98	3.01	0.95	0.431	3.163	7.332	1322.	37.	4.	760.7	33.6	1
1692	0	404	37.2842	88.7437	-1001.5	QAL	7.12	2.18	0.73	0.306	2.977	9.738	1368.	42.	6.	761.8	33.6	1
1693	10	408	37.2842	88.7429	-1002.5	QAL	9.96	-0.01	1.25	0.0	0.0	7.987	1404.	42.	9.	761.2	33.6	1
1694	0	408	37.2842	88.7422	-1004.0	QAL	6.67	3.05	1.07	0.458	2.859	6.244	1444.	39.	3.	761.2	33.6	1
1695	0	412	37.2842	88.7415	-1006.2	QAL	6.80	3.03	1.01	0.445	2.985	6.710	1409.	42.	3.	761.8	33.7	1
1696	0	412	37.2842	88.7408	-1007.7	QAL	4.07	4.16	1.08	1.022	3.859	3.777	1393.	43.	1.	761.2	33.7	1

CP9 1P12

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1697	10	412	37.2842	88.7401	-1008.7	QAL	9.85	0.96	1.21	0.0	0.0	8.121	1463.	42.	0.	760.7	33.7	1
1698	0	412	37.2842	88.7392	-1009.5	QAL	6.56	3.33	0.89	0.507	3.732	7.357	1454.	32.	0.	760.7	33.6	1
1699	10	416	37.2842	88.7385	-1009.5	QAL	5.29	1.18	1.19	0.0	0.0	4.442	1398.	46.	0.	760.7	33.7	1
1700	10	420	37.2842	88.7378	-1010.5	QAL	7.59	0.85	1.38	0.0	0.0	5.486	1424.	35.	1.	760.7	33.6	1
1701	0	420	37.2841	88.7371	-1013.2	QAL	8.52	2.22	1.15	0.261	1.925	7.382	1448.	29.	0.	760.2	33.6	1
1702	0	404	37.2842	88.7364	-1013.0	QAL	5.83	3.05	1.06	0.524	2.889	5.517	1418.	43.	0.	760.2	33.5	1
1703	0	372	37.2842	88.7356	-1012.7	QAL	5.74	2.85	1.19	0.496	2.385	4.804	1397.	30.	0.	759.7	33.5	1
1704	0	388	37.2842	88.7349	-1014.7	QAL	5.93	2.28	1.20	0.385	1.907	4.951	1457.	32.	0.	759.7	33.5	1
1705	0	388	37.2842	88.7342	-1016.0	QAL	7.30	3.62	0.82	0.496	4.434	8.937	1529.	35.	0.	760.7	33.5	1
1706	0	392	37.2842	88.7334	-1018.0	MCL	6.28	4.34	0.96	0.691	4.497	6.509	1490.	30.	0.	760.2	33.5	1
1707	0	404	37.2841	88.7326	-1017.7	MCL	6.15	2.67	0.92	0.434	2.913	6.703	1433.	49.	0.	760.7	33.5	1
1708	0	364	37.2841	88.7319	-1016.5	MCL	6.21	3.05	0.94	0.490	3.253	6.635	1333.	29.	0.	761.2	33.5	1
1709	10	396	37.2841	88.7312	-1018.0	MCL	6.62	0.95	1.19	0.0	0.0	5.582	1376.	35.	0.	760.2	33.5	1
1710	0	408	37.2841	88.7305	-1019.7	MCL	6.90	1.44	1.25	0.209	1.152	5.521	1519.	41.	2.	761.2	33.4	1
1711	0	392	37.2841	88.7297	-1019.7	MCL	5.47	2.46	1.16	0.450	2.126	4.720	1471.	43.	0.	760.7	33.5	1
1712	10	300	37.2841	88.7290	-1019.7	MCL	7.25	1.06	1.02	0.0	0.0	7.086	1296.	45.	0.	760.2	33.5	1
1713	0	268	37.2841	88.7283	-1021.7	MCL	6.97	1.08	0.92	0.155	1.180	7.618	1365.	33.	0.	760.7	33.4	1
1714	0	300	37.2841	88.7276	-1023.7	MCL	7.11	2.93	1.03	0.412	2.857	6.926	1568.	45.	0.	759.7	33.4	1
1715	0	304	37.2841	88.7268	-1024.7	MCL	7.72	3.02	1.05	0.391	2.868	7.342	1641.	41.	0.	760.2	33.4	1
1716	0	308	37.2841	88.7261	-1024.7	MCL	5.88	3.45	1.00	0.587	3.468	5.912	1542.	50.	0.	760.7	33.4	1
1717	0	272	37.2841	88.7253	-1026.5	MCL	7.18	2.43	0.91	0.338	2.677	7.912	1340.	49.	2.	759.2	33.5	1
1718	0	284	37.2841	88.7246	-1027.2	MCL	5.47	2.60	0.95	0.475	2.721	5.731	1303.	47.	3.	760.2	33.4	1
1719	0	292	37.2841	88.7238	-1027.0	MCL	7.68	1.55	0.97	0.202	1.589	7.879	1325.	39.	3.	760.7	33.4	1
1720	10	300	37.2841	88.7231	-1027.7	MCL	8.46	0.91	1.16	0.0	0.0	7.325	1350.	43.	3.	759.2	33.4	1
1721	0	296	37.2841	88.7224	-1028.5	MCL	5.31	2.15	0.97	0.404	2.212	5.478	1316.	51.	3.	760.2	33.4	1
1722	0	304	37.2841	88.7217	-1029.5	MCL	6.69	1.80	0.86	0.269	2.086	7.739	1276.	41.	2.	759.7	33.3	1
1723	0	304	37.2841	88.7209	-1029.5	MCL	6.18	2.43	0.76	0.393	3.190	8.123	1220.	39.	1.	758.1	33.3	1
1724	0	324	37.2841	88.7202	-1031.0	MCL	5.41	1.82	0.94	0.338	1.941	5.752	1245.	49.	1.	759.2	33.2	1
1725	0	360	37.2841	88.7195	-1031.2	MCL	5.61	3.07	0.85	0.548	3.608	6.579	1301.	38.	0.	759.7	33.3	1
1726	0	400	37.2841	88.7187	-1033.0	MCU	6.67	2.21	1.11	0.332	1.992	6.003	1350.	43.	3.	758.7	33.2	1
1727	0	460	37.2841	88.7180	-1031.2	MCU	6.27	2.29	1.22	0.365	1.877	5.137	1464.	38.	1.	758.7	33.2	1
1728	0	464	37.2841	88.7172	-1032.2	MCU	8.31	3.26	1.17	0.393	2.782	7.088	1474.	51.	0.	759.2	33.2	1
1729	0	460	37.2841	88.7165	-1035.0	MCU	5.32	3.51	1.13	0.660	3.118	4.722	1455.	41.	1.	759.2	33.2	1
1730	10	456	37.2841	88.7158	-1034.5	MCU	6.23	1.33	0.95	0.0	0.0	6.564	1401.	47.	5.	758.7	33.2	1
1731	0	464	37.2841	88.7150	-1035.2	MCU	6.64	2.93	1.10	0.441	2.665	6.044	1493.	28.	0.	758.7	33.1	1
1732	0	440	37.2841	88.7143	-1036.5	MCU	7.06	1.67	1.03	0.237	1.616	6.825	1357.	35.	1.	759.7	33.1	1
1733	0	432	37.2841	88.7136	-1035.5	MCU	7.92	2.79	0.81	0.352	3.437	9.762	1466.	49.	2.	758.7	33.1	1
1734	0	440	37.2841	88.7129	-1035.7	MCU	7.83	2.29	1.12	0.292	2.038	6.976	1484.	40.	0.	757.6	33.1	1
1735	0	456	37.2841	88.7122	-1036.0	MCU	7.83	1.97	1.16	0.251	1.692	6.734	1465.	50.	2.	758.7	33.1	1
1736	0	440	37.2841	88.7113	-1033.5	MCU	7.74	1.97	1.08	0.255	1.822	7.136	1446.	45.	3.	759.7	33.1	1
1737	0	452	37.2841	88.7106	-1035.0	MCU	6.30	2.74	1.19	0.435	2.295	5.276	1486.	45.	1.	758.7	33.1	1
1738	0	448	37.2841	88.7099	-1037.2	MCU	7.30	2.07	1.26	0.283	1.641	5.790	1434.	35.	0.	758.7	33.1	1
1739	0	428	37.2841	88.7092	-1039.2	MCU	8.96	3.08	0.79	0.343	3.893	11.335	1453.	41.	0.	760.7	33.1	1
1740	0	420	37.2841	88.7084	-1041.0	MCU	7.36	2.32	0.93	0.316	2.509	7.953	1419.	43.	0.	759.7	33.1	1
1741	0	412	37.2841	88.7077	-1041.7	MCU	8.52	3.37	1.20	0.395	2.810	7.114	1517.	27.	0.	758.7	33.2	1
1742	0	408	37.2841	88.7070	-1042.0	KU	7.44	1.67	1.05	0.225	1.598	7.112	1562.	40.	5.	758.7	33.2	1
1743	0	388	37.2841	88.7063	-1041.7	KU	6.41	3.16	0.94	0.494	3.371	6.830	1527.	45.	6.	759.7	33.2	1
1744	0	380	37.2841	88.7056	-1041.7	KU	7.72	4.16	1.27	0.539	3.277	6.078	1582.	42.	0.	759.7	33.2	1
1745	0	376	37.2841	88.7047	-1042.7	KU	7.28	3.42	1.04	0.470	3.302	7.022	1559.	36.	3.	758.7	33.2	1
1746	0	360	37.2841	88.7040	-1042.5	KU	6.26	2.06	1.02	0.329	2.021	6.144	1399.	41.	6.	758.1	33.3	1
1747	0	392	37.2841	88.7033	-1043.2	KU	4.91	2.21	1.43	0.451	1.549	3.432	1414.	43.	3.	759.7	33.3	1
1748	0	388	37.2841	88.7026	-1044.0	KU	7.37	3.30	1.11	0.448	2.980	6.652	1473.	39.	3.	759.7	33.3	1
1749	10	376	37.2841	88.7018	-1044.7	MCU	8.17	1.30	0.84	0.0	0.0	9.769	1357.	46.	4.	758.7	33.3	1

CP9 IP12

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1750	0	368	37.2841	88.7010	-1046.0	MCU	5.67	1.74	1.35	0.307	1.284	4.186	1419.	28.	5.	758.1	33.3	1
1751	10	384	37.2841	88.7003	-1045.5	MCU	9.50	0.82	1.14	0.0	0.0	8.353	1452.	44.	0.	759.2	33.3	1
1752	0	384	37.2841	88.6996	-1044.7	MCU	7.66	1.65	1.16	0.216	1.427	6.618	1522.	44.	0.	760.2	33.3	1
1753	0	368	37.2841	88.6988	-1046.7	MCU	8.25	2.39	0.86	0.289	2.763	9.556	1406.	33.	0.	759.7	33.3	1
1754	0	340	37.2841	88.6981	-1048.2	MCU	5.83	2.19	0.84	0.375	2.609	6.952	1267.	47.	0.	758.7	33.3	1
1755	0	360	37.2841	88.6974	-1046.5	MCU	6.06	1.54	1.01	0.254	1.519	5.987	1286.	33.	1.	758.7	33.3	1
1756	0	384	37.2841	88.6967	-1048.7	MCU	7.25	1.72	0.92	0.237	1.871	7.901	1342.	34.	1.	758.7	33.3	1
1757	10	376	37.2841	88.6960	-1049.7	MCU	7.00	0.84	1.05	0.0	0.0	6.683	1278.	45.	4.	759.7	33.3	1
1758	0	408	37.2841	88.6952	-1048.2	MCU	6.38	2.55	1.00	0.399	2.555	6.400	1436.	47.	2.	759.7	33.3	1
1759	10	404	37.2841	88.6945	-1049.7	MCU	8.18	1.18	1.01	0.0	0.0	8.076	1479.	38.	5.	758.7	33.3	1
1760	0	388	37.2841	88.6937	-1050.2	MCU	8.01	2.11	1.16	0.263	1.817	6.901	1482.	40.	0.	758.1	33.3	1
1761	0	396	37.2841	88.6930	-1049.0	MCU	6.42	1.89	1.18	0.294	1.595	5.424	1414.	48.	0.	759.2	33.3	1
1762	0	412	37.2841	88.6922	-1049.2	QAL	7.71	3.12	1.01	0.405	3.093	7.634	1514.	40.	0.	760.2	33.3	1
1763	0	408	37.2840	88.6915	-1050.5	QAL	5.76	3.40	0.88	0.590	3.850	6.529	1452.	47.	0.	760.2	33.3	1
1764	0	420	37.2840	88.6908	-1050.5	QAL	7.20	2.50	1.34	0.348	1.866	5.369	1543.	44.	0.	759.2	33.3	1
1765	0	432	37.2840	88.6901	-1051.2	QAL	6.43	2.07	1.18	0.322	1.756	5.451	1529.	46.	0.	759.2	33.3	1
1766	0	436	37.2840	88.6893	-1052.0	QAL	8.63	2.90	1.11	0.336	2.601	7.747	1520.	41.	0.	758.7	33.3	1
1767	0	428	37.2840	88.6886	-1051.2	QAL	8.11	2.24	1.26	0.277	1.784	6.450	1435.	33.	0.	758.7	33.3	1
1768	0	432	37.2840	88.6879	-1052.7	QAL	5.31	3.84	0.95	0.724	4.043	5.586	1429.	43.	0.	759.7	33.3	1
1769	0	444	37.2840	88.6871	-1051.5	QAL	5.90	1.66	1.40	0.281	1.186	4.216	1464.	50.	0.	760.7	33.3	1
1770	0	448	37.2840	88.6864	-1051.2	QAL	6.76	3.42	0.88	0.505	3.879	7.674	1396.	41.	1.	760.2	33.3	1
1771	0	452	37.2840	88.6856	-1052.2	MCL	6.95	3.43	0.95	0.493	3.613	7.330	1412.	41.	2.	759.2	33.3	1
1772	0	452	37.2840	88.6849	-1052.5	MCL	6.55	1.72	1.19	0.263	1.444	5.499	1423.	35.	5.	758.7	33.3	1
1773	0	444	37.2840	88.6842	-1052.5	MCL	5.57	1.73	1.09	0.311	1.580	5.086	1408.	28.	4.	758.7	33.3	1
1774	0	428	37.2840	88.6835	-1052.7	MCL	7.70	2.12	1.05	0.275	2.018	7.349	1438.	45.	3.	758.7	33.2	1
1775	0	376	37.2840	88.6827	-1053.5	KU	7.31	2.26	0.78	0.309	2.889	9.355	1350.	52.	2.	759.7	33.3	1
1776	10	348	37.2840	88.6819	-1053.2	KU	7.97	0.64	0.87	0.0	0.0	9.119	1357.	40.	4.	760.7	33.2	1
1777	0	388	37.2840	88.6812	-1054.0	MCL	7.96	3.32	1.16	0.417	2.867	6.874	1483.	39.	0.	760.7	33.2	1
1778	0	396	37.2840	88.6805	-1054.0	MCL	8.85	3.45	1.12	0.390	3.080	7.891	1546.	41.	1.	758.7	33.2	1
1779	0	384	37.2840	88.6798	-1054.2	MCL	7.93	2.12	0.98	0.268	2.161	8.061	1447.	33.	2.	758.7	33.2	1
1780	0	368	37.2840	88.6790	-1055.0	MCL	5.94	2.13	1.19	0.359	1.794	4.998	1407.	42.	3.	759.2	33.2	1
1781	0	400	37.2840	88.6783	-1054.7	MCL	7.88	2.52	1.07	0.320	2.354	7.352	1616.	40.	0.	758.1	33.2	1
1782	0	388	37.2840	88.6776	-1054.2	MCL	8.11	2.26	1.38	0.279	1.640	5.885	1587.	49.	0.	759.2	33.2	1
1783	0	380	37.2840	88.6768	-1055.0	MCL	7.41	2.08	1.25	0.281	1.671	5.937	1535.	60.	0.	760.7	33.2	1
1784	0	384	37.2840	88.6761	-1055.0	MCL	8.91	2.19	1.22	0.246	1.792	7.285	1619.	35.	0.	760.7	33.2	1
1785	0	372	37.2840	88.6753	-1056.5	KU	7.07	1.71	1.34	0.242	1.274	5.273	1609.	46.	0.	760.7	33.2	1
1786	0	372	37.2840	88.6746	-1056.2	KU	5.68	3.21	1.15	0.564	2.778	4.924	1491.	40.	2.	760.7	33.2	1
1787	0	348	37.2840	88.6739	-1055.0	MCL	8.58	1.47	1.07	0.171	1.373	8.034	1443.	39.	3.	758.7	33.2	1
1788	10	368	37.2840	88.6731	-1054.0	MCL	7.88	1.00	1.37	0.0	0.0	5.771	1541.	37.	4.	758.7	33.1	1
1789	0	368	37.2840	88.6724	-1054.7	MCL	7.63	3.33	1.34	0.436	2.490	5.708	1676.	34.	3.	758.7	33.2	1
1790	0	364	37.2840	88.6717	-1054.5	KU	5.32	1.77	1.08	0.332	1.632	4.911	1455.	50.	9.	758.7	33.2	1
1791	0	364	37.2840	88.6710	-1055.5	KU	6.70	2.90	1.18	0.433	2.457	5.679	1518.	31.	6.	758.7	33.2	1
1792	10	364	37.2840	88.6702	-1057.0	KU	8.48	1.17	1.39	0.0	0.0	6.114	1541.	44.	5.	759.7	33.2	1
1793	0	368	37.2840	88.6695	-1055.2	KU	6.83	2.35	1.02	0.344	2.297	6.678	1516.	43.	7.	759.7	33.2	1
1794	0	368	37.2840	88.6687	-1055.0	KU	8.33	4.08	1.12	0.490	3.650	7.444	1733.	31.	2.	760.7	33.2	1
1795	0	364	37.2840	88.6680	-1055.0	KU	7.02	2.32	1.00	0.331	2.316	6.992	1518.	39.	4.	760.7	33.2	1
1796	0	360	37.2840	88.6672	-1055.2	KU	8.54	1.74	1.08	0.204	1.603	7.871	1544.	36.	4.	760.7	33.2	1
1797	0	360	37.2840	88.6665	-1056.5	KU	6.18	3.05	1.06	0.494	2.890	5.851	1523.	44.	1.	760.7	33.2	1
1798	0	364	37.2840	88.6658	-1055.5	KU	6.29	3.17	1.07	0.503	2.949	5.861	1391.	52.	2.	760.2	33.2	1
1799	0	380	37.2840	88.6651	-1056.0	KU	7.76	2.07	1.21	0.267	1.710	6.412	1541.	34.	2.	759.2	33.2	1
1800	0	364	37.2840	88.6644	-1056.5	KU	4.95	3.69	0.92	0.745	3.998	5.368	1428.	51.	0.	758.7	33.2	1
1801	0	336	37.2839	88.6636	-1055.7	KU	6.43	3.04	0.84	0.473	3.637	7.690	1348.	58.	0.	758.7	33.2	1
1802	0	356	37.2839	88.6629	-1053.5	KU	8.48	1.93	1.46	0.227	1.318	5.798	1525.	35.	4.	758.7	33.2	1

CP9 1P12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1803	0	352	37.2839	88.6622	-1054.5		KU	7.08	3.65	1.05	0.516	3.465	6.719	1561.	38.	0.	758.7	33.2	1
1804	0	344	37.2839	88.6615	-1054.7		KU	9.03	2.47	1.08	0.274	2.288	8.357	1588.	37.	2.	758.7	33.2	1
1805	0	340	37.2839	88.6609	-1054.5		KU	8.81	1.87	1.33	0.212	1.400	6.608	1662.	41.	2.	758.7	33.2	1
1806	10	332	37.2839	88.6601	-1056.0		KU	8.52	1.07	1.49	0.0	0.0	5.712	1626.	54.	2.	758.7	33.2	1
1807	0	332	37.2839	88.6594	-1055.2		KU	8.99	1.95	1.02	0.216	1.902	8.791	1579.	44.	4.	758.7	33.2	1
1808	0	308	37.2839	88.6588	-1054.5		KU	6.30	2.54	0.95	0.404	2.665	6.597	1436.	36.	1.	758.7	33.2	1
1809	10	296	37.2839	88.6581	-1054.5		KU	4.90	1.03	0.89	0.0	0.0	5.492	1212.	58.	8.	759.7	33.2	1
1810	0	312	37.2839	88.6573	-1055.2		KU	6.57	1.38	1.01	0.210	1.369	6.516	1213.	31.	7.	759.7	33.2	1
1811	0	336	37.2839	88.6567	-1055.7		MCL	5.44	1.48	0.76	0.272	1.958	7.194	1170.	54.	2.	759.7	33.2	1
1812	0	380	37.2839	88.6559	-1054.5		MCL	7.86	1.76	0.74	0.223	2.367	10.597	1230.	35.	0.	758.7	33.2	1
1813	0	364	37.2839	88.6552	-1053.5		MCL	6.96	2.57	0.55	0.370	4.639	12.548	1267.	33.	1.	758.7	33.1	1
1814	10	412	37.2839	88.6545	-1055.0		MCL	7.98	0.90	0.80	0.0	0.0	10.034	1370.	33.	2.	758.7	33.1	1
1815	0	408	37.2839	88.6539	-1054.2		MCL	8.07	2.75	0.85	0.341	3.222	9.448	1482.	35.	0.	758.7	33.2	1
1816	0	392	37.2839	88.6532	-1054.2		MCL	8.32	1.51	1.08	0.181	1.400	7.724	1517.	30.	0.	758.7	33.1	1
1817	0	380	37.2839	88.6524	-1054.2		MCL	8.22	1.31	1.16	0.159	1.125	7.062	1580.	35.	0.	758.7	33.2	1
1818	0	364	37.2839	88.6517	-1054.7		MCL	8.85	2.56	0.88	0.289	2.922	10.105	1538.	48.	0.	758.7	33.1	1
1819	0	368	37.2839	88.6511	-1053.7		KU	5.63	3.61	0.99	0.641	3.628	5.657	1318.	46.	0.	758.7	33.2	1
1820	0	380	37.2839	88.6504	-1053.2		KU	5.14	2.23	1.19	0.434	1.870	4.304	1419.	41.	1.	758.7	33.2	1
1821	0	388	37.2839	88.6497	-1055.0		KU	8.78	1.92	1.23	0.218	1.565	7.165	1452.	30.	0.	758.7	33.2	1
1822	0	380	37.2839	88.6490	-1054.2		KU	7.87	3.03	0.97	0.385	3.105	8.074	1418.	38.	1.	758.7	33.1	1
1823	0	360	37.2839	88.6483	-1053.5		KU	7.51	3.37	1.27	0.449	2.648	5.898	1490.	35.	0.	758.7	33.2	1
1824	0	344	37.2839	88.6476	-1052.7		KU	8.10	2.47	0.74	0.304	3.320	10.905	1362.	50.	2.	758.7	33.2	1
1825	0	276	37.2839	88.6468	-1053.0		KU	4.68	2.48	0.78	0.530	3.172	5.986	1171.	43.	0.	758.7	33.2	1
1826	0	268	37.2839	88.6462	-1053.2		KU	5.16	1.50	0.62	0.291	2.444	8.389	1030.	48.	0.	759.2	33.2	1
1827	0	268	37.2839	88.6455	-1053.5		QTC-1	6.01	1.26	0.72	0.209	1.741	8.311	1144.	18.	3.	759.2	33.1	1
1828	0	280	37.2839	88.6447	-1052.2		QTC-1	6.24	2.41	0.56	0.387	4.333	11.203	1137.	41.	2.	759.2	33.1	1
1829	0	312	37.2839	88.6441	-1053.0		QTC-1	7.18	1.35	0.81	0.188	1.658	8.837	1284.	41.	2.	759.2	33.2	1
1830	0	280	37.2839	88.6434	-1051.2		QTC-1	5.27	2.92	0.68	0.555	4.270	7.699	1173.	42.	2.	759.7	33.1	1
1831	0	260	37.2839	88.6427	-1051.2		QTC-1	6.50	1.48	0.85	0.227	1.737	7.636	1176.	51.	2.	759.7	33.1	1
1832	0	292	37.2839	88.6419	-1051.5		QTC-1	5.20	2.48	0.95	0.476	2.606	5.475	1339.	35.	1.	759.7	33.1	1
1833	0	312	37.2839	88.6413	-1051.7		QTC-1	9.27	2.39	0.92	0.258	2.609	10.119	1528.	45.	0.	759.2	33.0	1
1834	0	328	37.2839	88.6406	-1051.5		QTC-1	7.37	4.08	0.85	0.553	4.780	8.638	1555.	45.	0.	758.1	33.0	1
1835	0	348	37.2838	88.6399	-1052.0		QTC-1	6.94	1.79	1.41	0.258	1.272	4.933	1600.	43.	1.	757.6	33.0	1
1836	0	344	37.2838	88.6392	-1051.2		QTC-1	6.96	2.29	1.15	0.329	1.993	6.061	1632.	32.	0.	757.6	32.9	1
1837	0	348	37.2838	88.6385	-1050.5		QTC-1	8.87	2.80	1.03	0.316	2.708	8.577	1558.	41.	0.	757.6	32.9	1
1838	0	340	37.2838	88.6378	-1050.0		QTC-1	7.74	2.53	1.24	0.327	2.041	6.244	1658.	41.	0.	757.6	32.9	1
1839	0	360	37.2838	88.6371	-1049.5		QTC-1	6.87	2.01	1.22	0.293	1.658	5.652	1597.	46.	4.	758.7	32.9	1
1840	0	364	37.2838	88.6364	-1049.7		QTC-1	10.42	1.97	1.02	0.189	1.931	10.204	1578.	31.	0.	758.7	32.9	1
1841	0	344	37.2838	88.6357	-1048.5		QTC-1	7.50	1.74	1.31	0.232	1.328	5.717	1539.	66.	5.	759.7	32.9	1
1842	0	328	37.2838	88.6350	-1048.2		QTC-1	7.21	2.00	1.37	0.278	1.467	5.282	1608.	41.	5.	759.7	32.9	1
1843	0	316	37.2838	88.6342	-1048.0		QTC-1	7.32	1.21	1.31	0.165	0.924	5.596	1720.	32.	3.	758.7	32.9	1
1844	0	312	37.2838	88.6336	-1047.0		QTC-1	7.68	2.27	1.39	0.295	1.632	5.525	1633.	45.	2.	758.7	32.9	1
1845	0	308	37.2838	88.6329	-1045.7		QTC-1	8.90	2.05	0.98	0.230	2.081	9.040	1539.	43.	2.	758.7	32.9	1
1846	0	308	37.2838	88.6322	-1045.7		QTC-1	6.26	3.14	0.95	0.501	3.288	6.557	1481.	51.	0.	758.7	32.9	1
1847	0	292	37.2838	88.6315	-1044.7		QTC-1	6.08	3.70	1.05	0.608	3.533	5.807	1385.	48.	0.	758.7	32.9	1
1848	0	304	37.2838	88.6308	-1046.7		QTC-1	6.73	2.04	0.88	0.303	2.327	7.686	1244.	38.	2.	759.7	32.9	1
1849	0	312	37.2838	88.6301	-1047.5		KU	5.68	1.42	0.88	0.250	1.609	6.443	1194.	49.	1.	758.7	32.9	1
1850	0	292	37.2838	88.6294	-1048.0		KU	3.79	2.01	0.97	0.531	2.078	3.916	1223.	35.	0.	758.1	32.9	1
1851	0	288	37.2838	88.6287	-1045.7		KU	2.97	2.84	0.87	0.958	3.277	3.420	1154.	43.	3.	758.1	32.9	1
1852	0	288	37.2838	88.6280	-1046.0		KU	5.76	1.95	0.91	0.339	2.150	6.347	1160.	43.	0.	759.2	32.9	1
1853	0	304	37.2838	88.6273	-1046.2		KU	4.59	2.21	0.83	0.481	2.654	5.514	1170.	41.	4.	760.7	32.9	1
1854	0	324	37.2838	88.6266	-1046.5		KU	4.96	1.50	0.90	0.303	1.667	5.499	1200.	46.	3.	759.7	32.9	1
1855	0	332	37.2838	88.6259	-1047.2		KU	4.16	2.09	0.78	0.502	2.684	5.349	1245.	48.	7.	757.6	32.9	1

CP9 1P 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1856	0	332	37.2838	88.6252	-1046.2		KU	6.21	2.16	0.65	0.348	3.308	9.506	1227.	33.	4.	758.7	32.9	1
1857	10	332	37.2838	88.6245	-1045.7		KU	7.16	0.95	1.08	0.0	0.0	6.652	1294.	34.	7.	759.7	32.9	1
1858	0	336	37.2838	88.6239	-1046.0		KU	6.91	2.74	0.83	0.396	3.290	8.306	1321.	46.	1.	759.7	32.8	1
1859	0	344	37.2838	88.6232	-1044.5		KU	7.26	1.31	0.82	0.181	1.610	8.891	1219.	45.	1.	758.7	32.8	1
1860	0	352	37.2838	88.6224	-1044.5		KU	6.42	1.59	0.92	0.248	1.738	7.021	1233.	43.	5.	757.6	32.8	1
1861	0	360	37.2838	88.6217	-1043.2		KU	5.96	1.85	0.85	0.311	2.183	7.019	1227.	44.	2.	758.7	32.9	1
1862	0	356	37.2838	88.6211	-1044.0		MCL	6.40	1.84	0.85	0.287	2.156	7.504	1238.	41.	0.	759.7	32.9	1
1863	0	348	37.2838	88.6203	-1044.0		MCL	5.43	2.62	0.89	0.483	2.946	6.106	1263.	49.	3.	758.1	32.9	1
1864	0	348	37.2838	88.6196	-1043.5		MCL	6.52	1.22	0.86	0.187	1.418	7.574	1175.	51.	3.	757.1	32.9	1
1865	0	352	37.2838	88.6189	-1041.2		MCL	5.47	1.85	0.63	0.338	2.954	8.743	1183.	46.	1.	758.7	32.9	1
1866	0	344	37.2837	88.6182	-1041.0		MCL	5.00	2.83	0.78	0.566	3.643	6.439	1136.	49.	0.	759.7	32.9	1
1867	0	336	37.2837	88.6175	-1040.2		MCL	3.09	2.74	0.67	0.888	4.117	4.636	1158.	46.	0.	758.7	32.9	1
1868	0	336	37.2837	88.6168	-1040.5		MCL	4.33	3.22	0.85	0.745	3.772	5.064	1187.	52.	0.	757.6	32.9	1
1869	0	332	37.2837	88.6162	-1040.0		MCL	5.35	2.50	0.57	0.468	4.364	9.318	1116.	32.	0.	758.7	32.9	1
1870	10	348	37.2837	88.6154	-1038.2		MCL	5.84	1.09	0.74	0.0	0.0	7.892	1112.	42.	0.	759.2	32.9	1
1871	0	372	37.2837	88.6147	-1038.5		QAL	4.93	2.92	0.49	0.593	5.939	10.014	1100.	41.	5.	758.7	32.9	1
1872	0	396	37.2837	88.6140	-1039.7		QAL	6.85	1.90	0.44	0.278	4.326	15.583	1041.	38.	1.	757.6	32.9	1
1873	10	408	37.2837	88.6134	-1040.7		QAL	6.53	1.05	0.65	0.0	0.0	10.112	1023.	42.	4.	758.7	32.9	1
1874	10	436	37.2837	88.6127	-1038.7		QAL	5.21	-0.43	0.78	0.0	0.0	6.723	979.	45.	9.	759.7	32.9	1
1875	0	456	37.2837	88.6119	-1038.0		QAL	5.10	1.69	0.59	0.332	2.871	8.642	975.	53.	5.	759.7	32.9	1
1876	10	460	37.2837	88.6113	-1038.2		MCL	4.61	0.70	0.65	0.0	0.0	7.099	963.	43.	6.	757.6	32.9	1
1877	10	452	37.2837	88.6106	-1038.2		MCL	5.24	0.53	1.03	0.0	0.0	5.096	1149.	34.	6.	758.7	32.9	1
1878	0	432	37.2837	88.6098	-1037.5		MCL	3.54	1.37	0.58	0.388	2.355	6.067	1011.	40.	6.	759.7	32.9	1
1879	10	420	37.2837	88.6091	-1037.2		MCL	4.83	0.79	0.76	0.0	0.0	6.326	1067.	41.	3.	758.7	32.9	1
1880	0	420	37.2837	88.6085	-1037.0		MCL	4.25	2.18	0.95	0.514	2.304	4.481	1116.	51.	0.	757.6	32.9	1
1881	0	380	37.2837	88.6077	-1036.7		MCL	5.54	1.70	0.56	0.307	3.012	9.810	1063.	43.	0.	759.7	32.9	1
1882	0	348	37.2837	88.6070	-1036.2		MCL	6.05	2.17	0.63	0.359	3.458	9.635	1125.	31.	0.	758.7	32.9	1
1883	0	328	37.2837	88.6064	-1036.0		MCL	5.47	1.19	0.91	0.218	1.311	6.005	1121.	43.	0.	757.6	32.9	1
1884	0	332	37.2837	88.6057	-1035.2		MCL	7.17	1.87	0.92	0.260	2.031	7.803	1187.	40.	0.	759.2	32.9	1
1885	0	352	37.2837	88.6049	-1036.0		MCL	5.68	3.12	0.81	0.549	3.834	6.985	1189.	50.	0.	759.2	32.9	1
1886	10	360	37.2837	88.6042	-1035.7		MCL	5.48	0.98	0.86	0.0	0.0	6.395	1196.	46.	0.	757.6	32.9	1
1887	0	348	37.2837	88.6036	-1035.2		MCL	5.51	1.78	0.72	0.323	2.480	7.688	1202.	42.	0.	758.7	32.9	1
1888	0	332	37.2837	88.6029	-1034.7		MCL	7.20	2.22	0.75	0.309	2.959	9.588	1196.	29.	0.	759.7	32.9	1
1889	0	332	37.2836	88.6022	-1035.5		MCL	5.99	2.01	0.87	0.335	2.303	6.868	1247.	34.	0.	758.7	32.9	1
1890	0	332	37.2836	88.6014	-1035.2		MCL	5.88	2.86	0.59	0.487	4.885	10.036	1222.	50.	0.	758.7	32.9	1
1891	10	336	37.2836	88.6008	-1034.7		MCL	6.08	0.82	0.78	0.0	0.0	7.747	1227.	35.	4.	758.7	32.9	1
1892	0	336	37.2836	88.6001	-1035.0		MCL	6.06	1.89	0.78	0.312	2.415	7.733	1276.	52.	5.	758.7	32.9	1
1893	0	340	37.2836	88.5994	-1035.0		MCL	5.13	1.27	0.85	0.247	1.489	6.032	1277.	32.	3.	757.6	32.9	1
1894	0	364	37.2836	88.5987	-1033.0		MCL	6.77	1.62	1.15	0.240	1.409	5.879	1403.	40.	5.	758.7	32.9	1
1895	0	388	37.2836	88.5980	-1032.7		MCL	6.87	2.97	0.72	0.433	4.134	9.555	1392.	38.	2.	759.7	32.9	1
1896	0	388	37.2836	88.5972	-1033.5		MCL	6.93	1.72	0.87	0.248	1.981	7.979	1354.	45.	5.	758.7	32.9	1
1897	10	376	37.2836	88.5965	-1032.5		MCL	5.50	0.59	1.05	0.0	0.0	5.259	1296.	47.	3.	758.7	32.9	1
1898	0	380	37.2836	88.5959	-1033.0		QTC-1	6.50	1.90	1.09	0.292	1.734	5.944	1355.	50.	1.	759.7	32.9	1
1899	0	380	37.2836	88.5952	-1033.7		QTC-1	7.00	2.46	0.77	0.351	3.188	9.077	1384.	43.	0.	758.7	32.9	1
1900	0	316	37.2836	88.5945	-1033.5		QTC-1	5.25	2.41	0.67	0.460	3.625	7.884	1286.	44.	0.	757.6	32.9	1
1901	0	320	37.2836	88.5938	-1031.2		QTC-1	6.38	1.14	0.83	0.179	1.373	7.683	1216.	37.	0.	758.7	32.9	1
1902	0	316	37.2836	88.5931	-1031.2		QTC-1	7.33	2.25	0.98	0.307	2.289	7.453	1329.	39.	0.	758.7	32.8	1
1903	0	308	37.2836	88.5924	-1031.5		QTC-1	6.09	1.56	0.96	0.255	1.613	6.315	1337.	31.	0.	758.7	32.8	1
1904	0	292	37.2836	88.5917	-1031.7		QTC-1	6.17	2.71	0.94	0.439	2.875	6.556	1341.	40.	0.	759.7	32.8	1
1905	0	280	37.2836	88.5910	-1033.0		QTC-1	7.86	1.29	0.99	0.164	1.304	7.936	1302.	42.	0.	758.7	32.8	1
1906	0	288	37.2836	88.5903	-1030.2		MCL	7.74	1.76	1.22	0.228	1.439	6.321	1412.	46.	0.	758.7	32.8	1
1907	0	312	37.2836	88.5896	-1027.0		MCL	6.85	3.15	1.10	0.461	2.871	6.232	1461.	40.	0.	759.2	32.8	1
1908	0	304	37.2836	88.5889	-1027.2		MCL	7.12	2.58	0.97	0.363	2.672	7.359	1491.	42.	0.	758.1	32.9	1

CP9 LP12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1909	0	300	37.2836	88.5882	-1032.0		MCL	6.19	3.24	1.07	0.524	3.034	5.790	1476.	41.	0.	758.1	32.9	1
1910	0	300	37.2836	88.5875	-1031.2		MCL	6.65	2.56	1.06	0.384	2.408	6.269	1558.	39.	0.	758.1	32.9	1
1911	0	316	37.2835	88.5867	-1030.5		MCL	6.17	1.86	1.16	0.302	1.611	5.336	1421.	38.	0.	758.1	32.9	1
1912	0	340	37.2835	88.5862	-1029.5		MCL	7.72	2.72	0.83	0.353	3.264	9.255	1499.	34.	1.	758.7	32.9	1
1913	0	336	37.2835	88.5854	-1030.0		MCL	5.71	2.63	0.87	0.460	3.004	6.529	1339.	41.	5.	758.1	32.9	1
1914	0	320	37.2835	88.5847	-1029.5		MCL	6.35	1.38	0.83	0.218	1.659	7.618	1221.	42.	8.	758.1	32.9	1
1915	10	300	37.2835	88.5840	-1029.7		MCL	5.50	0.60	1.05	0.0	0.0	5.222	1143.	55.	6.	758.7	32.9	1
1916	0	296	37.2835	88.5833	-1029.7		MCL	2.53	1.36	0.95	0.539	1.436	2.666	1150.	48.	10.	758.7	32.9	1
1917	10	320	37.2835	88.5826	-1028.5		MCL	5.79	0.84	0.83	0.0	0.0	6.936	1136.	40.	10.	758.7	32.9	1
1918	0	312	37.2835	88.5819	-1030.0		MCL	4.88	1.52	0.89	0.312	1.714	5.487	1100.	50.	8.	758.7	32.9	1
1919	0	292	37.2835	88.5812	-1028.7		MCL	6.00	1.42	0.81	0.236	1.742	7.383	1137.	44.	9.	758.1	32.9	1
1920	0	264	37.2835	88.5805	-1028.7		MCL	5.46	1.89	0.86	0.347	2.197	6.339	1175.	31.	5.	758.1	32.9	1
1921	0	252	37.2835	88.5798	-1028.7		MCL	5.80	1.13	0.86	0.195	1.306	6.713	1154.	43.	3.	758.7	32.9	1
1922	0	260	37.2835	88.5791	-1028.5		MCL	5.85	1.86	0.90	0.317	2.059	6.497	1249.	34.	4.	758.7	32.9	1
1923	0	276	37.2835	88.5785	-1028.0		MCL	6.93	2.29	0.79	0.331	2.916	8.812	1280.	34.	0.	758.7	32.9	1
1924	0	268	37.2835	88.5777	-1027.2		MCL	6.07	2.12	0.75	0.350	2.841	8.122	1268.	40.	0.	759.2	32.9	1
1925	10	272	37.2835	88.5770	-1028.0		MCL	7.02	0.99	0.89	0.0	0.0	7.888	1262.	31.	0.	758.1	32.9	1
1926	0	288	37.2835	88.5763	-1029.2		MCL	6.30	2.29	0.76	0.363	2.991	8.244	1208.	44.	0.	757.1	32.9	1
1927	0	304	37.2835	88.5757	-1029.2		MCL	4.97	1.90	0.78	0.383	2.453	6.412	1136.	34.	1.	757.6	32.9	1
1928	0	320	37.2835	88.5749	-1027.7		MCL	4.63	2.23	0.81	0.483	2.767	5.733	1195.	53.	2.	758.7	32.9	1
1929	0	312	37.2835	88.5742	-1026.7		MCL	5.39	2.03	0.77	0.377	2.633	6.974	1171.	42.	2.	757.6	32.9	1
1930	0	292	37.2835	88.5736	-1028.0		MCL	5.50	1.22	0.92	0.222	1.322	5.955	1264.	49.	3.	757.1	32.9	1
1931	0	296	37.2835	88.5728	-1026.2		QTC-1	7.48	2.14	0.89	0.286	2.399	8.375	1426.	38.	1.	758.1	32.9	1
1932	0	328	37.2835	88.5721	-1027.0		QTC-1	7.35	2.38	1.07	0.324	2.218	6.840	1469.	45.	4.	758.1	32.8	1
1933	0	332	37.2835	88.5714	-1026.7		QTC-1	6.44	2.93	1.25	0.455	2.342	5.147	1562.	41.	3.	757.1	32.9	1
1934	0	336	37.2835	88.5707	-1026.5		QTC-1	8.11	2.62	1.38	0.323	1.899	5.877	1592.	32.	0.	757.1	32.8	1
1935	0	332	37.2835	88.5700	-1027.5		QTC-1	9.14	2.99	0.94	0.327	3.179	9.729	1608.	40.	1.	758.1	32.8	1
1936	10	324	37.2835	88.5693	-1028.7		MCL	9.61	1.21	1.43	0.0	0.0	6.705	1640.	35.	5.	758.1	32.8	1
1937	0	316	37.2835	88.5687	-1027.5		MCL	7.77	3.58	1.14	0.461	3.154	6.841	1552.	44.	1.	758.1	32.9	1
1938	0	312	37.2835	88.5680	-1027.7		MCL	7.06	2.02	1.13	0.286	1.787	6.240	1597.	39.	5.	758.7	32.9	1
1939	10	324	37.2835	88.5672	-1027.0		MCL	6.07	1.14	1.26	0.0	0.0	4.811	1556.	44.	3.	758.7	32.9	1
1940	0	328	37.2835	88.5665	-1025.7		MCL	7.17	3.39	1.00	0.473	3.399	7.191	1551.	39.	0.	757.6	32.8	1
1941	0	312	37.2835	88.5659	-1026.0		MCL	6.28	2.28	1.04	0.364	2.193	6.032	1498.	26.	4.	757.6	32.8	1
1942	0	292	37.2835	88.5652	-1026.0		MCL	5.37	2.02	1.14	0.376	1.773	4.715	1369.	46.	5.	758.7	32.8	1
1943	0	288	37.2835	88.5645	-1026.0		MCL	4.70	1.29	0.91	0.275	1.425	5.188	1227.	37.	9.	758.7	32.8	1
1944	0	316	37.2835	88.5638	-1027.0		MCL	5.59	1.33	0.83	0.237	1.600	6.747	1222.	48.	7.	758.7	32.8	1
1945	0	340	37.2835	88.5631	-1027.2		MCL	6.54	1.49	1.13	0.228	1.326	5.808	1406.	38.	7.	758.7	32.8	1
1946	0	300	37.2835	88.5624	-1027.7		MCL	6.36	1.58	0.84	0.248	1.873	7.554	1324.	43.	7.	758.7	32.8	1
1947	0	304	37.2835	88.5617	-1026.2		MCL	5.32	2.93	1.03	0.550	2.840	5.159	1421.	45.	4.	758.1	32.8	1
1948	0	308	37.2835	88.5610	-1027.0		MCL	6.46	3.02	1.13	0.468	2.665	5.694	1533.	52.	5.	758.1	32.8	1
1949	0	312	37.2835	88.5602	-1026.2		MCL	6.07	3.73	1.21	0.614	3.080	5.013	1634.	40.	2.	758.7	32.8	1
1950	0	300	37.2835	88.5597	-1026.7		MCL	7.89	2.85	1.26	0.361	2.269	6.288	1647.	57.	2.	758.7	32.8	1
1951	0	292	37.2834	88.5589	-1025.7		MCL	7.48	2.26	1.28	0.302	1.766	5.849	1568.	43.	0.	758.7	32.8	1
1952	0	296	37.2835	88.5582	-1028.0		MCL	9.78	1.90	1.06	0.194	1.782	9.191	1575.	40.	0.	758.1	32.8	1
1953	0	296	37.2835	88.5575	-1028.2		MCL	7.13	4.39	1.30	0.615	3.377	5.492	1643.	36.	0.	758.1	32.8	1
1954	0	300	37.2835	88.5568	-1026.2		MCL	7.00	3.22	1.04	0.460	3.098	6.739	1546.	36.	2.	758.1	32.8	1
1955	0	304	37.2835	88.5561	-1026.7		MCL	7.57	2.83	1.06	0.373	2.662	7.132	1452.	43.	0.	758.7	32.8	1
1956	0	280	37.2835	88.5554	-1027.2		MCL	6.90	2.61	0.87	0.378	3.012	7.965	1411.	50.	3.	758.7	32.9	1
1957	0	300	37.2835	88.5547	-1027.5		MCL	6.23	2.78	1.07	0.447	2.591	5.796	1463.	41.	2.	758.1	32.8	1
1958	0	300	37.2835	88.5540	-1028.0		MCL	7.04	2.25	1.14	0.320	1.968	6.152	1572.	46.	2.	758.1	32.8	1
1959	0	296	37.2835	88.5534	-1026.5		MCL	8.33	2.53	1.19	0.304	2.136	7.026	1450.	57.	0.	758.1	32.8	1
1960	0	288	37.2835	88.5527	-1025.0		MCL	6.82	3.78	0.82	0.554	4.594	8.291	1506.	43.	0.	758.1	32.8	1
1961	0	288	37.2835	88.5519	-1026.2		MCL	8.01	3.48	0.97	0.434	3.578	8.246	1485.	37.	0.	758.7	32.9	1

CP9 1P12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1962	0	292	37.2835	88.5513	-1028.0	MCL	7.31	2.72	1.00	0.372	2.715	7.293	1612.	37.	0.	758.1	32.8	1
1963	0	292	37.2835	88.5506	-1026.2	MCL	8.50	2.80	1.05	0.330	2.678	8.121	1539.	36.	0.	758.1	32.8	1
1964	0	300	37.2835	88.5499	-1028.0	MCL	10.88	1.70	1.16	0.156	1.459	9.355	1682.	44.	0.	758.7	32.8	1
1965	0	304	37.2835	88.5492	-1026.7	MCL	10.26	2.65	0.99	0.259	2.669	10.314	1673.	31.	0.	758.7	32.8	1
1966	0	312	37.2835	88.5485	-1025.0	MCL	9.28	2.47	1.05	0.266	2.346	8.814	1618.	45.	0.	757.6	32.8	1
1967	0	312	37.2835	88.5478	-1025.7	MCL	9.12	2.17	1.18	0.238	1.835	7.724	1614.	42.	0.	758.1	32.8	1
1968	0	304	37.2835	88.5471	-1025.0	MCL	7.17	2.16	1.14	0.301	1.886	6.267	1544.	48.	1.	758.7	32.8	1
1969	0	308	37.2835	88.5464	-1024.2	MCL	8.28	1.85	0.93	0.224	1.989	8.886	1463.	59.	0.	758.1	32.8	1
1970	0	316	37.2835	88.5457	-1025.5	MCL	7.01	2.40	0.75	0.342	3.217	9.409	1306.	43.	0.	758.1	32.8	1
1971	0	312	37.2835	88.5451	-1025.7	MCL	7.36	1.48	0.92	0.201	1.612	8.013	1207.	38.	0.	758.1	32.8	1
1972	10	324	37.2835	88.5444	-1026.2	MCL	4.81	0.95	0.82	0.0	0.0	5.853	1064.	30.	0.	758.1	32.8	1
1973	0	368	37.2835	88.5436	-1028.0	MCL	3.52	2.98	0.44	0.847	6.743	7.961	1018.	25.	0.	759.2	32.8	1
1974	0	372	37.2835	88.5430	-1028.0	MCL	3.54	2.40	0.69	0.680	3.495	5.143	967.	48.	1.	758.7	32.8	1
1975	0	356	37.2835	88.5422	-1028.0	MCL	5.10	1.20	0.81	0.235	1.487	6.316	1027.	34.	0.	758.1	32.9	1
1976	10	324	37.2835	88.5415	-1028.2	MCL	5.70	0.52	0.81	0.0	0.0	7.064	1000.	31.	0.	759.2	32.9	1
1977	0	312	37.2835	88.5408	-1029.0	MCL	3.52	1.95	0.78	0.555	2.504	4.511	990.	37.	1.	758.1	32.9	1
1978	0	344	37.2835	88.5401	-1027.2	MCL	3.74	3.13	0.60	0.837	5.214	6.231	1006.	31.	0.	758.1	32.9	1
1979	10	376	37.2835	88.5394	-1028.0	MCL	5.44	0.86	0.58	0.0	0.0	9.456	919.	40.	2.	759.7	32.9	1
1980	0	388	37.2835	88.5388	-1028.2	MCL	5.27	1.48	0.71	0.281	2.076	7.387	1025.	31.	3.	758.7	32.9	1
1981	10	348	37.2836	88.5381	-1029.0	MCL	4.70	0.95	0.74	0.0	0.0	6.326	895.	45.	0.	758.7	32.9	1
1982	0	284	37.2836	88.5374	-1027.0	MCL	5.65	1.31	0.79	0.233	1.667	7.159	1040.	34.	0.	758.7	32.9	1
1983	0	284	37.2836	88.5367	-1028.0	MCL	6.01	2.21	0.77	0.367	2.870	7.821	1187.	24.	0.	757.6	32.9	1
1984	0	288	37.2835	88.5360	-1028.7	MCL	5.99	1.53	0.67	0.255	2.298	9.008	1184.	47.	0.	759.7	32.9	1
1985	0	292	37.2835	88.5353	-1029.0	MCL	4.34	2.07	0.89	0.476	2.322	4.881	1179.	45.	0.	759.7	32.9	1
1986	0	328	37.2835	88.5346	-1029.5	MCL	5.04	1.98	0.71	0.392	2.802	7.146	1063.	34.	0.	757.6	32.9	1
1987	0	340	37.2835	88.5339	-1030.2	MCL	5.21	1.67	0.79	0.321	2.107	6.561	1096.	47.	0.	758.7	32.9	1
1988	0	340	37.2835	88.5332	-1030.0	MCL	5.11	2.51	0.69	0.490	3.649	7.443	1047.	41.	0.	758.7	32.9	1
1989	10	328	37.2835	88.5325	-1030.2	QAL	4.34	0.39	0.93	0.0	0.0	4.689	1004.	46.	4.	757.6	32.8	1
1990	0	372	37.2835	88.5318	-1030.5	QAL	3.81	1.31	0.98	0.345	1.346	3.899	1031.	50.	5.	758.7	32.7	1
1991	10	460	37.2835	88.5311	-1030.0	QAL	5.24	0.86	1.13	0.0	0.0	4.624	1190.	45.	3.	759.7	32.7	1
1992	0	488	37.2835	88.5305	-1029.2	QAL	4.96	1.69	1.04	0.341	1.631	4.780	1214.	36.	3.	758.7	32.8	1
1993	10	492	37.2835	88.5298	-1029.7	QAL	5.68	1.19	0.82	0.0	0.0	6.943	1147.	43.	5.	757.6	32.8	1
1994	10	504	37.2835	88.5290	-1028.0	QAL	5.60	0.21	0.87	0.0	0.0	6.451	1162.	49.	4.	758.7	32.8	1
1995	0	520	37.2835	88.5284	-1029.0	QAL	4.48	3.25	0.86	0.725	3.793	5.235	1230.	40.	7.	759.7	32.8	1
1996	0	564	37.2836	88.5277	-1028.2	QAL	6.51	2.03	1.42	0.312	1.431	4.591	1436.	40.	5.	759.7	32.8	1
1997	0	536	37.2836	88.5269	-1028.0	QAL	6.24	1.97	1.14	0.316	1.731	5.470	1341.	39.	0.	757.6	32.8	1
1998	0	484	37.2836	88.5263	-1027.2	QAL	5.80	2.29	0.86	0.395	2.649	6.715	1364.	27.	1.	757.6	32.8	1
1999	0	504	37.2836	88.5255	-1029.2	QAL	8.28	1.90	1.42	0.230	1.343	5.848	1565.	32.	0.	758.7	32.8	1
2000	0	532	37.2836	88.5249	-1028.5	QAL	6.88	4.54	1.27	0.660	3.586	5.437	1574.	33.	0.	759.7	32.8	1
2001	0	532	37.2836	88.5242	-1027.7	QAL	9.32	4.24	1.53	0.456	2.768	6.075	1692.	45.	0.	759.7	32.8	1
2002	0	528	37.2836	88.5235	-1029.5	QAL	9.51	1.76	1.57	0.185	1.120	6.061	1673.	41.	1.	758.7	32.8	1
2003	0	524	37.2836	88.5228	-1030.7	QAL	12.42	2.55	1.48	0.206	1.724	8.389	1727.	37.	0.	758.7	32.8	1
2004	0	520	37.2836	88.5221	-1030.2	QAL	11.09	1.87	1.35	0.169	1.382	8.199	1799.	49.	2.	759.2	32.8	1
2005	10	516	37.2836	88.5214	-1029.5	QAL	9.33	1.73	1.37	0.0	0.0	6.824	1692.	39.	3.	760.2	32.9	1
2006	10	512	37.2836	88.5207	-1029.7	QAL	9.32	1.07	1.51	0.0	0.0	6.163	1743.	41.	2.	760.2	32.9	1
2007	0	508	37.2835	88.5201	-1030.0	QAL	7.87	2.43	1.43	0.309	1.700	5.493	1702.	42.	2.	759.2	32.9	1
2008	0	472	37.2835	88.5193	-1030.0	QAL	8.90	4.01	1.41	0.450	2.841	6.309	1708.	49.	0.	758.7	32.9	1
2009	0	512	37.2835	88.5186	-1030.0	QAL	5.36	2.78	1.31	0.517	2.115	4.088	1739.	47.	4.	758.7	32.9	1
2010	0	516	37.2836	88.5180	-1029.5	QAL	9.65	3.98	1.31	0.412	3.047	7.392	1840.	33.	1.	758.7	32.9	1
2011	0	516	37.2836	88.5172	-1030.0	QAL	7.32	4.23	1.52	0.578	2.787	4.823	1640.	38.	0.	759.7	32.9	1
2012	0	516	37.2836	88.5165	-1031.0	QAL	6.91	2.15	1.08	0.312	2.003	6.428	1413.	45.	3.	760.7	32.9	1
2013	0	520	37.2836	88.5159	-1030.2	QAL	5.31	2.32	0.87	0.436	2.658	6.097	1118.	27.	0.	759.7	32.9	1
2014	10	536	37.2836	88.5152	-1030.2	QAL	5.15	0.89	0.22	0.0	0.0	22.950	639.	45.	0.	758.7	32.9	1

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TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2015	10	544	37.2836	88.5145	-1031.7	QAL	2.64	-1.14	0.36	0.0	0.0	7.253	314.	49.	2.	758.7	32.9	1
2016	11	548	37.2836	88.5138	-1032.5	QAL	1.41	-0.28	0.11	0.0	0.0	0.0	198.	39.	3.	758.7	32.9	1
2017	111	548	37.2836	88.5131	-1031.5	QAL	0.35	0.25	0.04	0.0	0.0	0.0	121.	37.	0.	759.7	32.9	1
2018	111	548	37.2836	88.5123	-1030.5	(WATER)	-0.04	0.55	-0.04	0.0	0.0	0.0	44.	33.	0.	760.7	32.9	1
2019	111	552	37.2836	88.5117	-1030.2	(WATER)	0.75	0.24	-0.04	0.0	0.0	0.0	-1.	49.	0.	759.7	32.9	1
2020	111	552	37.2836	88.5110	-1032.0	(WATER)	0.21	0.39	-0.04	0.0	0.0	0.0	10.	42.	0.	759.2	32.9	1
2021	111	552	37.2836	88.5103	-1030.5	(WATER)	-0.00	0.05	-0.00	0.0	0.0	0.0	43.	41.	0.	758.1	32.9	1
2022	111	552	37.2836	88.5097	-1030.0	(WATER)	0.57	0.35	0.06	0.0	0.0	0.0	52.	35.	1.	757.1	32.8	1
2023	111	552	37.2836	88.5089	-1031.2	(WATER)	-0.05	0.40	-0.05	0.0	0.0	0.0	52.	42.	2.	759.2	32.9	1
2024	111	552	37.2836	88.5082	-1031.2	(WATER)	0.43	0.20	0.09	0.0	0.0	0.0	123.	41.	0.	760.2	32.8	1
2025	110	552	37.2836	88.5075	-1029.7	(WATER)	1.38	1.11	0.31	0.0	0.0	0.0	345.	41.	7.	759.7	32.9	1
2026	110	556	37.2836	88.5068	-1029.2	(WATER)	1.18	1.21	0.41	0.0	0.0	0.0	538.	51.	3.	759.7	32.8	1
2027	10	536	37.2836	88.5061	-1031.0	(WATER)	4.29	-0.25	0.84	0.0	0.0	5.131	786.	32.	6.	758.7	32.8	1
2028	0	544	37.2836	88.5054	-1031.7	(WATER)	5.19	1.77	0.54	0.341	3.262	9.573	992.	52.	4.	758.7	32.7	1
2029	10	544	37.2836	88.5047	-1031.0	(WATER)	4.80	0.50	0.68	0.0	0.0	7.074	935.	42.	10.	758.7	32.8	1
2030	10	564	37.2836	88.5040	-1030.0	(WATER)	7.22	0.27	1.23	0.0	0.0	5.872	1112.	29.	8.	758.7	32.7	1
2031	10	564	37.2836	88.5034	-1029.2	(WATER)	4.92	1.31	0.83	0.0	0.0	5.961	1076.	40.	9.	758.7	32.8	1
2032	10	548	37.2836	88.5027	-1031.2	QAL	8.55	1.19	1.04	0.0	0.0	8.200	1280.	39.	5.	758.7	32.7	1
2033	0	548	37.2836	88.5019	-1030.5	QAL	8.36	1.98	0.74	0.237	2.663	11.237	1288.	45.	7.	759.7	32.8	1
2034	0	552	37.2836	88.5013	-1029.7	QAL	6.66	2.87	0.91	0.432	3.153	7.302	1279.	34.	2.	759.7	32.8	1
2035	10	560	37.2836	88.5006	-1029.7	QAL	5.74	1.70	1.24	0.0	0.0	4.615	1312.	39.	4.	758.7	32.8	1
2036	0	544	37.2836	88.4999	-1030.0	QAL	5.38	1.94	1.19	0.361	1.626	4.506	1331.	47.	5.	759.2	32.8	1
2037	0	544	37.2836	88.4992	-1029.5	QAL	7.74	3.14	1.05	0.406	2.996	7.376	1593.	36.	3.	760.2	32.9	1
2038	10	544	37.2836	88.4985	-1028.5	QAL	7.90	1.88	1.19	0.0	0.0	6.663	1633.	39.	8.	759.2	32.8	1
2039	0	540	37.2836	88.4978	-1029.7	QAL	8.15	2.23	1.22	0.274	1.826	6.673	1710.	32.	9.	758.7	32.9	1
2040	10	536	37.2836	88.4971	-1029.7	QAL	7.47	1.56	1.60	0.0	0.0	4.673	1754.	41.	9.	759.7	32.9	1
2041	0	532	37.2836	88.4964	-1028.7	QAL	8.55	1.89	1.76	0.221	1.075	4.867	1787.	29.	9.	759.7	32.9	1
2042	0	528	37.2836	88.4957	-1028.5	QAL	7.73	2.22	1.37	0.287	1.621	5.646	1834.	23.	11.	759.7	32.9	1
2043	10	532	37.2836	88.4951	-1029.2	QAL	8.52	1.23	1.44	0.0	0.0	5.918	1642.	36.	10.	759.7	32.9	1
2044	0	536	37.2836	88.4943	-1030.0	QAL	4.34	2.32	0.95	0.536	2.436	4.548	1353.	54.	9.	759.7	32.9	1
2045	10	532	37.2836	88.4936	-1029.5	QAL	5.63	0.75	0.99	0.0	0.0	5.686	1129.	46.	6.	758.7	32.9	1
2046	0	524	37.2836	88.4930	-1028.2	QAL	5.64	1.73	1.02	0.308	1.708	5.551	1188.	36.	4.	759.7	32.9	1
2047	0	508	37.2836	88.4922	-1029.0	QAL	7.29	3.40	0.63	0.466	5.366	11.514	1292.	41.	3.	759.7	33.0	1
2048	10	504	37.2836	88.4915	-1029.5	QAL	5.88	0.92	1.21	0.0	0.0	4.847	1412.	41.	7.	758.7	32.9	1
2049	0	508	37.2836	88.4909	-1029.0	QAL	9.02	2.28	1.22	0.253	1.872	7.393	1527.	46.	2.	758.1	33.0	1
2050	10	512	37.2836	88.4902	-1028.0	QAL	9.07	0.51	0.96	0.0	0.0	9.455	1460.	42.	2.	759.2	33.0	1
2051	0	516	37.2836	88.4894	-1028.5	QAL	6.51	4.03	0.61	0.619	6.603	10.670	1473.	58.	4.	759.2	33.0	1
2052	10	520	37.2836	88.4888	-1028.5	QAL	9.73	1.49	1.09	0.0	0.0	8.968	1592.	40.	5.	759.2	32.9	1
2053	0	528	37.2836	88.4881	-1027.5	QAL	8.34	3.90	1.00	0.468	3.911	8.361	1635.	30.	2.	759.2	32.9	1
2054	0	532	37.2836	88.4874	-1028.2	QAL	6.84	3.71	1.18	0.542	3.141	5.797	1577.	41.	4.	758.7	32.9	1
2055	0	540	37.2836	88.4867	-1028.5	QAL	6.51	3.81	0.92	0.586	4.134	7.058	1594.	48.	2.	758.7	32.9	1
2056	0	540	37.2836	88.4860	-1027.7	QAL	6.30	1.73	1.13	0.274	1.524	5.568	1395.	51.	2.	759.7	32.9	1
2057	0	544	37.2836	88.4853	-1027.2	QAL	6.69	1.98	1.07	0.296	1.844	6.233	1531.	27.	3.	759.7	32.9	1
2058	0	544	37.2836	88.4846	-1027.0	QAL	8.04	2.78	0.87	0.345	3.187	9.233	1421.	34.	0.	759.2	32.9	1
2059	0	548	37.2836	88.4839	-1028.7	QAL	7.15	3.60	1.10	0.504	3.271	6.496	1482.	37.	1.	760.2	32.9	1
2060	0	544	37.2836	88.4832	-1029.7	QAL	4.58	3.10	1.03	0.678	2.998	4.424	1342.	34.	1.	760.2	32.9	1
2061	0	488	37.2836	88.4825	-1028.2	QAL	7.23	1.55	0.91	0.214	1.694	7.918	1270.	40.	0.	759.7	32.9	1
2062	0	452	37.2836	88.4818	-1029.0	QAL	5.63	1.86	0.92	0.331	2.036	6.150	1102.	48.	0.	759.7	32.9	1
2063	0	480	37.2836	88.4811	-1027.7	QAL	5.84	2.84	0.80	0.486	3.552	7.312	1155.	41.	0.	759.7	32.9	1
2064	0	496	37.2836	88.4805	-1027.0	QAL	5.75	2.84	0.64	0.494	4.476	9.056	1188.	31.	1.	759.7	32.9	1
2065	10	488	37.2836	88.4798	-1027.2	QAL	5.24	-0.53	1.02	0.0	0.0	5.134	1201.	45.	4.	759.7	32.9	1
2066	0	484	37.2836	88.4790	-1025.2	QAL	5.39	2.34	0.65	0.434	3.606	8.314	1183.	45.	0.	758.7	32.9	1
2067	0	496	37.2836	88.4784	-1024.0	QAL	6.28	2.24	0.79	0.357	2.845	7.974	1243.	47.	3.	758.7	32.9	1

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ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2068	0	504	37.2837	88.4776	-1025.5		QAL	6.22	2.08	1.07	0.334	1.943	5.821	1261.	48.	3.	758.7	32.9	1
2069	10	500	37.2837	88.4769	-1026.2		QAL	7.13	1.24	0.96	0.0	0.0	7.446	1233.	43.	3.	758.7	32.9	1
2070	10	488	37.2837	88.4763	-1025.0		QAL	5.81	1.40	1.05	0.0	0.0	5.543	1294.	44.	5.	758.1	32.9	1
2071	0	472	37.2837	88.4756	-1025.0		QAL	4.30	1.42	1.04	0.330	1.362	4.134	1244.	47.	4.	757.1	33.0	1
2072	10	468	37.2836	88.4749	-1024.2		QAL	6.29	0.87	0.85	0.0	0.0	7.384	1231.	44.	2.	758.1	33.0	1
2073	10	464	37.2836	88.4742	-1023.5		QAL	7.04	0.25	0.80	0.0	0.0	8.756	1199.	32.	2.	759.2	33.0	1
2074	0	464	37.2836	88.4735	-1023.2		QAL	7.02	2.17	0.70	0.309	3.113	10.089	1192.	39.	4.	758.7	33.0	1
2075	0	452	37.2836	88.4728	-1024.0		QAL	4.13	2.78	0.74	0.673	3.776	5.608	1099.	36.	3.	758.7	33.0	1
2076	0	452	37.2836	88.4721	-1021.7		MCU	5.19	1.91	0.97	0.368	1.962	5.332	1239.	40.	1.	759.7	33.0	1
2077	0	448	37.2836	88.4714	-1022.0		MCU	5.74	1.86	0.69	0.324	2.713	8.377	1232.	43.	1.	759.7	33.0	1
2078	0	448	37.2836	88.4707	-1022.2		MCU	5.04	1.75	0.82	0.347	2.119	6.108	1228.	32.	3.	759.7	33.1	1
2079	0	452	37.2836	88.4700	-1022.5		MCU	5.43	3.05	0.96	0.562	3.186	5.674	1254.	40.	1.	759.7	33.1	1
2080	0	452	37.2836	88.4693	-1021.7		MCU	6.38	1.59	1.01	0.250	1.575	6.298	1256.	38.	0.	759.7	33.1	1
2081	0	492	37.2836	88.4686	-1022.2		MCU	6.53	3.47	1.21	0.530	2.859	5.391	1449.	38.	0.	759.7	33.1	1
2082	0	532	37.2836	88.4680	-1022.2		MCU	7.24	3.44	0.97	0.474	3.536	7.454	1633.	23.	0.	758.7	33.0	1
2083	0	524	37.2837	88.4672	-1021.0		MCU	10.85	2.49	1.06	0.230	2.359	10.273	1512.	37.	0.	758.7	32.9	1
2084	0	520	37.2837	88.4664	-1019.7		MCU	10.48	3.59	0.84	0.343	4.303	12.545	1557.	32.	0.	758.7	32.9	1
2085	10	528	37.2837	88.4657	-1019.5		QAL	8.22	1.17	1.52	0.0	0.0	5.408	1573.	42.	3.	757.6	32.9	1
2086	10	520	37.2837	88.4650	-1018.7		QAL	8.53	1.62	1.46	0.0	0.0	5.859	1562.	39.	2.	758.7	32.9	1
2087	0	524	37.2837	88.4643	-1019.7		QAL	7.92	1.71	1.23	0.216	1.392	6.441	1659.	37.	3.	758.7	33.0	1
2088	0	532	37.2837	88.4636	-1020.2		QAL	8.61	2.41	1.22	0.280	1.969	7.034	1649.	30.	6.	758.7	33.0	1
2089	10	536	37.2838	88.4629	-1020.7		QAL	9.79	0.86	1.42	0.0	0.0	6.874	1627.	41.	6.	759.7	33.0	1
2090	0	536	37.2838	88.4621	-1021.2		QAL	8.08	5.37	1.10	0.665	4.886	7.349	1643.	44.	3.	759.7	33.0	1
2091	10	536	37.2838	88.4613	-1021.5		QAL	8.32	1.43	1.22	0.0	0.0	6.798	1615.	42.	4.	759.7	33.0	1
2092	0	536	37.2838	88.4606	-1020.7		QAL	8.85	3.00	1.16	0.338	2.576	7.611	1595.	38.	3.	758.7	32.9	1
2093	10	536	37.2838	88.4599	-1020.7		QAL	10.31	0.98	1.24	0.0	0.0	8.343	1671.	41.	9.	758.7	32.9	1
2094	0	536	37.2838	88.4592	-1020.0		QAL	8.95	3.25	1.27	0.364	2.570	7.068	1733.	42.	1.	758.7	32.9	1
2095	0	532	37.2838	88.4585	-1019.2		QAL	7.05	3.79	1.19	0.537	3.173	5.907	1745.	35.	2.	758.7	32.9	1
2096	0	532	37.2839	88.4577	-1020.0		QAL	8.94	1.77	1.21	0.198	1.468	7.416	1711.	44.	1.	758.7	32.9	1
2097	10	528	37.2839	88.4570	-1019.2		QAL	10.22	0.69	1.40	0.0	0.0	7.323	1765.	29.	1.	758.7	33.0	1
2098	0	524	37.2839	88.4563	-1018.5		QAL	8.08	4.82	1.16	0.597	4.152	6.955	1786.	38.	1.	758.7	33.0	1
2099	0	520	37.2839	88.4556	-1018.2		QAL	6.97	3.15	1.41	0.452	2.236	4.948	1685.	41.	2.	758.7	33.0	1
2100	0	516	37.2839	88.4548	-1018.5		QAL	8.22	3.96	0.83	0.482	4.760	9.879	1548.	43.	0.	759.7	33.0	1
2101	10	512	37.2839	88.4541	-1018.5		QAL	7.36	1.25	1.15	0.0	0.0	6.375	1497.	24.	0.	760.7	33.0	1
2102	0	508	37.2840	88.4534	-1017.0		QAL	6.79	2.94	0.97	0.433	3.038	7.020	1304.	50.	2.	759.7	33.0	1
2103	10	432	37.2840	88.4527	-1017.5		QAL	6.10	0.70	0.81	0.0	0.0	7.495	1068.	34.	1.	759.7	33.0	1
2104	0	408	37.2840	88.4519	-1018.2		QAL	7.34	1.51	0.55	0.206	2.751	13.373	1063.	29.	0.	759.7	33.0	1
2105	0	408	37.2840	88.4511	-1016.7		QAL	5.77	1.26	0.85	0.219	1.491	6.811	1070.	38.	0.	758.7	33.0	1
2106	0	372	37.2840	88.4504	-1016.0		MCL	5.30	1.87	0.78	0.353	2.412	6.839	1164.	36.	1.	758.7	33.0	1
2107	0	380	37.2840	88.4497	-1015.7		MCL	5.53	3.40	0.91	0.615	3.741	6.086	1337.	43.	0.	758.7	33.0	1
2108	0	388	37.2840	88.4490	-1014.0		MCL	6.58	2.69	1.01	0.409	2.673	6.531	1393.	39.	0.	758.7	33.0	1
2109	0	376	37.2840	88.4483	-1014.5		MCL	6.06	3.03	0.86	0.500	3.522	7.050	1354.	34.	0.	758.7	33.0	1
2110	0	356	37.2840	88.4476	-1016.5		MCL	4.56	2.07	0.89	0.454	2.322	5.111	1117.	35.	0.	759.7	33.0	1
2111	0	364	37.2840	88.4467	-1015.2		MCL	6.02	1.30	0.64	0.216	2.020	9.374	961.	59.	0.	760.7	32.9	1
2112	0	408	37.2841	88.4460	-1013.5		MCL	4.04	2.87	0.87	0.710	3.286	4.630	1047.	40.	0.	760.7	32.9	1
2113	0	448	37.2841	88.4453	-1013.5		QAL	5.28	1.34	0.72	0.253	1.863	7.354	1072.	54.	0.	760.2	32.9	1
2114	0	460	37.2841	88.4446	-1013.2		QAL	4.92	2.19	0.85	0.445	2.570	5.782	1234.	27.	0.	759.2	32.9	1
2115	0	496	37.2841	88.4439	-1012.2		QAL	5.45	1.87	1.09	0.343	1.712	4.994	1284.	46.	1.	758.1	32.9	1
2116	0	520	37.2841	88.4432	-1012.0		QAL	6.10	2.42	1.19	0.398	2.038	5.124	1449.	35.	2.	758.1	32.9	1
2117	0	520	37.2841	88.4425	-1012.0		QAL	5.88	2.00	1.23	0.340	1.625	4.777	1310.	32.	2.	758.7	32.9	1
2118	0	516	37.2841	88.4417	-1011.2		QAL	4.00	3.87	0.73	0.967	5.311	5.490	1190.	44.	0.	758.7	32.9	1
2119	0	408	37.2842	88.4410	-1011.2		QAL	4.59	2.78	0.61	0.606	4.562	7.531	977.	34.	1.	759.2	32.9	1
2120	0	328	37.2842	88.4402	-1012.2		QAL	4.09	1.67	0.53	0.409	3.138	7.665	927.	40.	0.	759.2	32.9	1

CP 9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2121	0	312	37.2842	88.4395	-1010.2	QAL	3.64	1.47	1.00	0.403	1.467	3.642	1059.	54.	0.	759.2	32.8	1
2122	0	348	37.2842	88.4388	-1009.5	MCL	8.00	1.36	0.84	0.170	1.615	9.493	1397.	49.	2.	759.2	32.8	1
2123	0	344	37.2842	88.4381	-1009.7	MCL	7.08	3.54	1.00	0.500	3.529	7.057	1547.	46.	0.	759.2	32.8	1
2124	0	340	37.2842	88.4374	-1008.7	MCL	7.97	2.63	1.23	0.330	2.132	6.463	1553.	41.	0.	758.7	32.8	1
2125	0	340	37.2843	88.4366	-1009.7	MCL	6.92	2.47	1.29	0.357	1.915	5.363	1637.	46.	0.	758.7	32.8	1
2126	0	344	37.2843	88.4358	-1008.5	MCL	6.73	2.21	1.45	0.328	1.519	4.632	1608.	58.	2.	758.7	32.8	1
2127	0	340	37.2843	88.4351	-1006.7	MCL	8.94	3.43	0.99	0.384	3.471	9.041	1625.	29.	1.	758.7	32.8	1
2128	0	332	37.2843	88.4344	-1007.0	MCL	7.33	4.59	0.94	0.626	4.908	7.835	1659.	34.	3.	758.7	32.8	1
2129	0	324	37.2843	88.4337	-1006.2	MCL	7.30	3.48	0.98	0.477	3.540	7.426	1555.	40.	4.	758.7	32.8	1
2130	0	316	37.2843	88.4330	-1004.7	MCL	8.92	3.15	1.07	0.354	2.955	8.360	1572.	42.	0.	760.7	32.7	1
2131	0	312	37.2843	88.4323	-1003.2	MCL	9.92	2.65	1.04	0.268	2.560	9.565	1633.	29.	3.	761.8	32.8	1
2132	0	312	37.2844	88.4315	-1004.7	MCL	7.92	3.15	0.77	0.398	4.080	10.250	1531.	41.	1.	759.7	32.8	1
2133	0	312	37.2844	88.4307	-1004.2	MCL	7.56	2.40	1.04	0.317	2.297	7.236	1533.	37.	2.	758.7	32.8	1
2134	0	308	37.2844	88.4301	-1004.2	MCL	7.45	2.24	1.03	0.301	2.182	7.252	1494.	40.	3.	758.7	32.8	1
2135	0	308	37.2844	88.4293	-1003.2	MCL	7.19	1.84	0.98	0.255	1.867	7.319	1501.	48.	1.	758.7	32.8	1
2136	0	312	37.2844	88.4286	-1003.0	MCL	8.78	1.27	1.14	0.145	1.119	7.720	1557.	37.	2.	758.7	32.8	1
2137	0	308	37.2844	88.4279	-1001.7	MCL	4.31	3.02	0.87	0.702	3.463	4.936	1456.	43.	2.	758.7	32.8	1
2138	0	312	37.2845	88.4272	-1002.5	MCL	7.76	2.73	1.10	0.352	2.479	7.038	1561.	45.	0.	758.7	32.7	1
2139	0	308	37.2845	88.4264	-1002.5	MCL	9.45	2.67	1.04	0.282	2.555	9.051	1584.	46.	0.	759.7	32.8	1
2140	0	312	37.2845	88.4257	-1001.2	MCL	5.13	2.81	1.22	0.548	2.309	4.211	1639.	27.	0.	759.7	32.9	1
2141	0	316	37.2845	88.4249	-1001.2	MCL	7.63	3.17	1.32	0.415	2.409	5.799	1631.	35.	0.	758.7	32.8	1
2142	0	316	37.2845	88.4242	-1001.7	MCL	8.97	1.47	1.32	0.164	1.113	6.778	1587.	41.	2.	758.7	32.9	1
2143	0	316	37.2845	88.4235	-1001.5	MCL	6.37	2.58	1.08	0.406	2.381	5.869	1511.	42.	4.	758.7	32.8	1
2144	10	300	37.2845	88.4228	-1000.5	MCL	6.46	1.04	0.84	0.0	0.0	7.687	1352.	36.	3.	757.6	32.8	1
2145	0	304	37.2845	88.4221	-999.0	MCL	5.33	2.72	0.78	0.510	3.479	6.817	1219.	32.	1.	758.7	32.8	1
2146	0	288	37.2846	88.4212	-1000.0	MCL	5.99	1.64	0.98	0.274	1.666	6.089	1198.	37.	5.	759.2	32.8	1
2147	0	252	37.2846	88.4205	-998.5	MCL	6.73	2.31	1.01	0.344	2.299	6.684	1282.	36.	2.	758.1	32.8	1
2148	0	264	37.2846	88.4198	-996.7	MCL	6.05	2.44	0.96	0.403	2.545	6.318	1469.	37.	0.	759.2	32.8	1
2149	0	288	37.2846	88.4191	-997.0	MCL	7.35	2.97	1.11	0.404	2.674	6.623	1621.	27.	2.	759.7	32.8	1
2150	0	300	37.2846	88.4184	-995.5	MCL	7.93	1.62	1.33	0.204	1.217	5.977	1627.	43.	4.	758.7	32.8	1
2151	0	312	37.2846	88.4177	-993.5	MCL	6.43	1.78	1.28	0.277	1.396	5.033	1490.	42.	5.	758.7	32.8	1
2152	0	316	37.2847	88.4169	-994.5	MCL	6.50	2.52	0.86	0.388	2.942	7.586	1356.	48.	3.	758.7	32.8	1
2153	10	284	37.2847	88.4162	-995.7	MCL	4.21	1.03	0.69	0.0	0.0	6.140	1021.	42.	7.	757.6	32.8	1
2154	0	320	37.2847	88.4155	-995.7	MCL	4.47	1.37	0.66	0.306	2.059	6.730	994.	34.	5.	758.7	32.8	1
2155	0	348	37.2847	88.4147	-993.5	MCL	3.97	1.13	0.62	0.286	1.835	6.420	915.	41.	4.	758.7	32.8	1
2156	10	376	37.2847	88.4140	-993.0	MCL	4.77	0.87	0.68	0.0	0.0	6.991	1053.	33.	6.	758.7	32.8	1
2157	10	340	37.2847	88.4133	-992.2	MCL	6.68	0.88	0.59	0.0	0.0	11.262	966.	50.	4.	759.7	32.8	1
2158	0	296	37.2847	88.4126	-992.7	MCL	6.09	1.15	0.57	0.189	2.008	10.600	1000.	43.	1.	759.7	32.8	1
2159	10	264	37.2847	88.4118	-991.5	MCL	7.08	0.94	0.90	0.0	0.0	7.874	1079.	35.	1.	759.2	32.8	1
2160	0	284	37.2847	88.4111	-989.2	MCL	7.04	2.79	0.82	0.396	3.399	8.573	1306.	45.	0.	759.2	32.7	1
2161	0	296	37.2847	88.4103	-990.0	MCL	6.30	3.00	1.13	0.477	2.669	5.601	1477.	44.	0.	758.1	32.8	1
2162	0	292	37.2848	88.4096	-989.2	MCL	6.09	3.04	1.13	0.499	2.688	5.386	1472.	64.	0.	758.1	32.7	1
2163	0	280	37.2848	88.4089	-984.7	MCL	8.71	2.50	1.04	0.287	2.397	8.366	1505.	47.	0.	758.1	32.8	1
2164	0	276	37.2848	88.4082	-981.2	MCL	7.60	2.87	1.07	0.377	2.676	7.093	1444.	47.	0.	758.7	32.8	1
2165	0	260	37.2849	88.4075	-984.2	MCL	6.80	2.39	0.94	0.351	2.534	7.222	1409.	36.	1.	759.7	32.8	1
2166	0	244	37.2849	88.4068	-986.0	MCL	5.92	1.38	0.80	0.234	1.727	7.390	1132.	37.	0.	760.2	32.8	1
2167	0	276	37.2848	88.4061	-984.5	MCL	5.86	1.17	0.71	0.200	1.664	8.303	1104.	32.	5.	760.2	32.8	1
2168	10	316	37.2849	88.4052	-984.2	MCL	7.03	0.57	0.84	0.0	0.0	8.398	1124.	32.	6.	759.2	32.8	1
2169	0	352	37.2849	88.4045	-984.5	MCL	7.02	2.17	0.93	0.308	2.331	7.558	1280.	43.	7.	758.7	32.9	1
2170	10	424	37.2849	88.4038	-984.2	MCL	7.05	1.34	1.23	0.0	0.0	5.729	1417.	53.	6.	758.7	32.8	1
2171	0	448	37.2849	88.4031	-982.2	MCL	8.45	2.47	0.88	0.293	2.814	9.607	1531.	42.	5.	758.7	32.8	1
2172	10	456	37.2849	88.4024	-981.7	MCL	9.03	1.33	1.17	0.0	0.0	7.704	1494.	41.	4.	757.6	32.8	1
2173	0	448	37.2849	88.4016	-981.2	MCL	8.38	2.39	1.07	0.285	2.246	7.869	1448.	44.	3.	758.7	32.9	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2174	0	432	37.2849	88.4009	-980.2	MCL	8.55	2.28	0.99	0.267	2.300	8.605	1440.	43.	1.	759.7	32.9	1
2175	0	420	37.2850	88.4002	-979.2	MCL	7.94	2.84	1.00	0.357	2.824	7.906	1541.	41.	1.	759.7	32.9	1
2176	0	408	37.2850	88.3994	-978.5	MCL	8.11	2.72	0.93	0.336	2.915	8.682	1522.	53.	0.	759.7	32.8	1
2177	0	400	37.2850	88.3987	-977.5	MCL	8.85	3.74	0.83	0.422	4.511	10.677	1527.	50.	0.	758.7	32.8	1
2178	0	396	37.2850	88.3980	-977.7	MCL	6.74	2.52	1.16	0.373	2.177	5.830	1648.	44.	0.	758.7	32.8	1
2179	0	392	37.2850	88.3973	-976.5	MCL	6.67	2.52	1.35	0.377	1.868	4.951	1540.	45.	0.	758.7	32.8	1
2180	0	384	37.2850	88.3965	-975.5	MCL	6.04	4.35	1.13	0.720	3.844	5.338	1560.	36.	0.	758.7	32.8	1
2181	0	376	37.2851	88.3958	-975.2	MCL	8.04	2.48	1.12	0.309	2.213	7.166	1557.	36.	0.	758.7	32.8	1
2182	0	376	37.2851	88.3950	-975.7	MCL	8.77	5.37	0.90	0.613	5.981	9.762	1629.	35.	0.	758.7	32.8	1
2183	0	380	37.2850	88.3943	-974.7	MCL	6.41	3.06	1.15	0.477	2.664	5.590	1516.	43.	1.	759.7	32.8	1
2184	0	376	37.2850	88.3936	-973.5	MCL	7.34	1.52	1.15	0.207	1.326	6.409	1531.	40.	2.	759.7	32.8	1
2185	0	380	37.2851	88.3929	-972.0	MCL	6.55	2.17	1.33	0.332	1.636	4.931	1465.	40.	0.	758.7	32.8	1
2186	10	408	37.2851	88.3922	-972.0	MCL	7.58	0.37	1.03	0.0	0.0	7.393	1380.	39.	2.	758.7	32.8	1
2187	10	424	37.2851	88.3915	-972.0	MCL	7.41	1.16	1.57	0.0	0.0	4.710	1479.	32.	0.	758.7	32.8	1
2188	0	404	37.2852	88.3907	-970.7	MCL	7.60	2.98	0.99	0.392	3.004	7.672	1453.	38.	0.	758.7	32.8	1
2189	0	392	37.2852	88.3899	-969.2	MCL	6.50	2.67	1.22	0.411	2.194	5.337	1473.	40.	0.	758.7	32.8	1
2190	0	388	37.2852	88.3892	-968.5	MCL	7.80	3.86	1.17	0.494	3.291	6.662	1518.	45.	0.	759.2	32.8	1
2191	0	380	37.2852	88.3885	-968.0	MCL	7.41	2.90	1.29	0.391	2.253	5.759	1589.	37.	0.	760.2	32.7	1
2192	0	368	37.2852	88.3878	-967.2	MCL	7.05	2.85	1.05	0.404	2.707	6.698	1573.	47.	1.	761.2	32.8	1
2193	0	352	37.2852	88.3870	-966.2	MCL	8.06	2.48	1.39	0.308	1.783	5.788	1602.	43.	0.	760.2	32.7	1
2194	0	344	37.2853	88.3863	-964.7	MCL	7.57	4.02	1.07	0.531	3.741	7.038	1631.	47.	0.	758.7	32.8	1
2195	0	340	37.2853	88.3856	-965.0	MCL	8.57	1.61	1.22	0.188	1.316	7.004	1624.	50.	0.	758.7	32.8	1
2196	0	336	37.2852	88.3849	-964.7	MCL	8.74	2.28	1.02	0.261	2.229	8.540	1591.	48.	0.	758.7	32.8	1
2197	0	336	37.2852	88.3842	-963.2	MCL	7.52	2.30	1.03	0.305	2.230	7.301	1551.	39.	0.	758.7	32.8	1
2198	0	340	37.2853	88.3834	-963.0	MCL	7.15	2.99	1.01	0.418	2.976	7.114	1531.	45.	1.	759.7	32.8	1
2199	0	344	37.2853	88.3827	-962.2	MCL	7.33	2.08	1.01	0.284	2.071	7.290	1394.	25.	0.	760.7	32.9	1
2200	0	320	37.2853	88.3820	-961.5	MCL	6.21	2.72	0.88	0.438	3.088	7.051	1232.	40.	1.	760.7	32.8	1
2201	0	312	37.2854	88.3812	-961.2	MCL	4.52	2.61	0.93	0.577	2.786	4.833	1278.	40.	2.	760.7	32.8	1
2202	10	348	37.2854	88.3805	-959.7	MCL	6.67	0.96	1.28	0.0	0.0	5.219	1430.	41.	3.	759.7	32.8	1
2203	0	356	37.2853	88.3797	-958.0	MCL	6.66	2.69	1.15	0.403	2.335	5.789	1555.	48.	0.	758.7	32.9	1
2204	0	340	37.2854	88.3790	-958.2	MCL	5.90	2.83	1.17	0.479	2.415	5.038	1568.	31.	1.	758.7	32.8	1
2205	0	340	37.2854	88.3783	-958.7	MCL	8.74	1.34	1.18	0.154	1.140	7.417	1580.	43.	2.	758.7	32.8	1
2206	0	332	37.2854	88.3776	-957.2	MCL	9.12	2.07	1.19	0.227	1.742	7.671	1637.	44.	0.	758.7	32.8	1
2207	0	332	37.2854	88.3769	-957.0	MCL	10.61	1.64	1.25	0.155	1.311	8.481	1671.	43.	1.	760.7	32.8	1
2208	0	332	37.2854	88.3762	-953.7	MCL	8.09	3.53	1.07	0.436	3.291	7.545	1652.	43.	0.	760.7	32.8	1
2209	0	332	37.2854	88.3754	-953.2	MCL	8.78	1.90	1.12	0.217	1.693	7.811	1540.	40.	3.	759.7	32.8	1
2210	0	344	37.2854	88.3746	-954.2	MCL	6.77	2.18	1.11	0.322	1.959	6.090	1512.	47.	5.	758.7	32.8	1
2211	0	344	37.2855	88.3739	-953.5	MCL	7.51	3.17	1.15	0.423	2.751	6.506	1600.	39.	2.	758.7	32.8	1
2212	0	344	37.2855	88.3732	-952.5	MCL	7.59	2.40	0.91	0.317	2.642	8.336	1483.	50.	6.	758.7	32.8	1
2213	0	332	37.2855	88.3725	-952.0	MCL	9.07	2.72	0.98	0.300	2.778	9.251	1526.	33.	3.	759.7	32.8	1
2214	10	328	37.2855	88.3717	-949.0	MCL	8.40	1.04	0.98	0.0	0.0	8.602	1482.	44.	2.	760.2	32.8	1
2215	0	320	37.2855	88.3710	-949.0	MCL	5.96	1.72	1.16	0.289	1.489	5.153	1429.	47.	2.	759.2	32.8	1
2216	0	320	37.2855	88.3703	-943.7	MCL	6.92	3.92	0.79	0.567	4.985	8.794	1437.	35.	0.	758.7	32.8	1
2217	0	316	37.2855	88.3696	-936.7	MCL	6.05	2.23	0.91	0.369	2.453	6.650	1324.	46.	0.	758.7	32.8	1
2218	0	296	37.2856	88.3688	-941.0	MCL	3.79	3.61	0.74	0.953	4.855	5.095	1271.	44.	1.	759.7	32.8	1
2219	0	304	37.2856	88.3681	-946.2	MCL	6.75	2.07	1.00	0.306	2.059	6.729	1365.	37.	0.	760.7	32.8	1
2220	0	304	37.2856	88.3674	-943.7	MCL	8.00	2.32	0.94	0.290	2.464	8.512	1482.	46.	0.	759.7	32.8	1
2221	0	300	37.2856	88.3667	-943.0	MCL	10.52	2.12	0.96	0.202	2.202	10.924	1476.	52.	0.	758.7	32.8	1
2222	0	304	37.2856	88.3659	-945.7	MCL	6.97	3.09	0.95	0.444	3.244	7.304	1495.	31.	0.	758.1	32.8	1
2223	0	308	37.2856	88.3652	-944.5	MCL	8.05	3.45	0.89	0.429	3.863	9.008	1528.	42.	1.	759.2	32.8	1
2224	0	308	37.2856	88.3645	-943.7	MCL	7.16	1.99	1.02	0.278	1.953	7.023	1472.	43.	1.	760.2	32.8	1
2225	0	316	37.2856	88.3638	-943.7	MCL	8.01	4.35	1.10	0.543	3.951	7.276	1626.	32.	0.	759.2	32.8	1
2226	0	320	37.2856	88.3631	-942.5	MCL	9.63	2.13	1.16	0.221	1.834	8.282	1625.	28.	4.	757.1	32.8	1

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2227	0	328	37.2856	88.3624	-942.0	MCL	8.73	1.86	1.17	0.213	1.595	7.489	1664.	32.	3.	757.6	32.8	1
2228	0	336	37.2856	88.3616	-941.0	MCL	6.17	3.13	1.37	0.507	2.282	4.499	1600.	43.	1.	758.7	32.7	1
2229	0	348	37.2855	88.3609	-939.2	MCL	8.43	3.63	1.16	0.431	3.142	7.283	1594.	42.	0.	758.7	32.8	1
2230	0	352	37.2855	88.3602	-936.2	MCL	6.86	2.44	1.27	0.355	1.917	5.404	1489.	52.	4.	757.6	32.8	1
2231	0	352	37.2855	88.3595	-936.0	MCL	7.60	2.84	1.06	0.374	2.693	7.201	1633.	36.	3.	757.6	32.8	1
2232	0	360	37.2855	88.3587	-937.2	MCL	6.66	2.71	1.19	0.406	2.281	5.618	1474.	34.	0.	758.7	32.8	1
2233	0	368	37.2855	88.3580	-938.7	MCL	8.36	3.08	1.23	0.368	2.493	6.780	1589.	45.	0.	758.7	32.8	1
2234	0	376	37.2855	88.3573	-938.0	MCL	7.89	2.75	0.97	0.349	2.847	8.163	1509.	54.	0.	756.6	32.7	1
2235	0	376	37.2855	88.3566	-938.0	MCL	7.45	2.09	1.15	0.280	1.812	6.461	1540.	47.	0.	756.1	32.6	1
2236	0	384	37.2855	88.3559	-937.7	MCL	6.61	3.58	1.05	0.541	3.413	6.305	1577.	41.	0.	758.1	32.6	1
2237	0	396	37.2855	88.3552	-937.0	MCL	8.38	3.12	1.21	0.373	2.583	6.931	1589.	50.	0.	758.1	32.6	1
2238	0	416	37.2855	88.3545	-936.5	MCL	7.59	3.75	0.99	0.494	3.806	7.707	1598.	37.	0.	756.1	32.6	1
2239	0	420	37.2855	88.3537	-935.0	MCL	8.28	2.48	0.90	0.300	2.765	9.230	1473.	43.	0.	756.6	32.6	1
2240	0	424	37.2855	88.3530	-933.2	MCL	8.77	2.31	1.44	0.263	1.600	6.085	1627.	42.	0.	758.7	32.6	1
2241	0	420	37.2855	88.3522	-936.7	MCL	8.29	3.24	1.15	0.391	2.822	7.212	1588.	45.	0.	757.1	32.5	1
2242	0	408	37.2855	88.3515	-934.2	MCL	10.17	2.59	1.34	0.255	1.934	7.586	1639.	35.	0.	756.1	32.5	1
2243	0	400	37.2855	88.3508	-934.0	MCL	8.36	3.62	1.03	0.433	3.498	8.077	1597.	44.	0.	757.1	32.5	1
2244	0	388	37.2855	88.3501	-934.2	MCL	8.69	2.00	1.57	0.230	1.274	5.530	1669.	49.	3.	758.1	32.5	1
2245	0	376	37.2855	88.3493	-933.5	MCL	8.34	2.36	0.96	0.283	2.448	8.652	1590.	37.	4.	757.1	32.5	1
2246	0	368	37.2855	88.3486	-933.5	MCL	6.41	3.34	0.98	0.522	3.414	6.545	1555.	44.	1.	755.0	32.5	1
2247	0	356	37.2855	88.3479	-933.7	MCL	7.61	2.67	1.11	0.351	2.400	6.845	1650.	38.	0.	756.1	32.5	1
2248	0	344	37.2855	88.3472	-932.2	MCL	9.99	1.54	1.20	0.155	1.291	8.352	1678.	28.	1.	758.1	32.5	1
2249	0	340	37.2855	88.3465	-931.5	MCL	7.12	2.96	1.30	0.415	2.282	5.495	1570.	38.	0.	757.1	32.5	1
2250	0	332	37.2855	88.3457	-931.5	MCL	9.72	2.41	1.02	0.248	2.353	9.499	1486.	50.	0.	755.5	32.5	1
2251	0	328	37.2855	88.3450	-929.5	MCL	6.92	1.87	1.00	0.271	1.868	6.905	1432.	36.	0.	757.6	32.6	1
2252	0	324	37.2855	88.3443	-930.2	MCL	5.42	1.77	0.86	0.326	2.066	6.333	1198.	47.	0.	758.7	32.5	1
2253	0	344	37.2855	88.3436	-931.7	MCL	3.82	1.78	0.98	0.466	1.816	3.897	1076.	38.	0.	756.6	32.6	1
2254	0	352	37.2855	88.3429	-929.7	MCL	3.88	2.60	0.55	0.672	4.750	7.068	988.	38.	2.	755.5	32.6	1
2255	10	376	37.2855	88.3422	-929.0	MCL	5.75	0.44	0.72	0.0	0.0	8.010	1018.	37.	4.	757.6	32.6	1
2256	10	380	37.2855	88.3415	-929.5	MCL	3.91	0.96	0.89	0.0	0.0	4.400	1114.	49.	7.	757.6	32.6	1
2257	10	380	37.2855	88.3407	-930.7	MCL	5.24	1.17	1.00	0.0	0.0	5.231	1142.	41.	5.	755.5	32.7	1
2258	0	384	37.2855	88.3400	-929.5	MCL	4.76	1.42	0.77	0.299	1.846	6.173	1124.	33.	6.	756.6	32.6	1
2259	0	388	37.2855	88.3393	-928.7	MCL	3.30	1.88	0.83	0.570	2.256	3.957	1099.	41.	8.	758.1	32.7	1
2260	0	400	37.2855	88.3386	-929.5	MCL	6.03	2.26	0.57	0.375	3.978	10.601	1160.	34.	3.	756.1	32.6	1
2261	10	428	37.2855	88.3379	-929.5	MCL	4.58	1.20	0.98	0.0	0.0	4.689	1231.	39.	6.	756.1	32.7	1
2262	0	456	37.2855	88.3372	-930.0	MCL	5.85	2.69	0.81	0.460	3.314	7.211	1277.	38.	2.	758.1	32.6	1
2263	10	452	37.2855	88.3364	-929.7	MCL	5.84	1.04	0.83	0.0	0.0	7.000	1246.	47.	4.	756.1	32.6	1
2264	0	392	37.2855	88.3356	-928.7	MCL	3.58	1.87	0.99	0.522	1.894	3.627	1209.	46.	6.	756.1	32.6	1
2265	0	368	37.2855	88.3349	-928.0	MCL	5.38	2.19	0.69	0.406	3.170	7.801	1185.	41.	1.	758.7	32.7	1
2266	0	352	37.2855	88.3342	-928.5	MCL	5.04	1.85	0.96	0.367	1.916	5.227	1237.	50.	2.	758.7	32.6	1
2267	10	364	37.2855	88.3335	-928.7	MCL	6.08	0.69	0.79	0.0	0.0	7.728	1187.	51.	4.	757.6	32.7	1
2268	0	404	37.2854	88.3328	-927.0	MCL	6.78	2.09	0.73	0.308	2.870	9.311	1321.	46.	5.	758.1	32.7	1
2269	0	412	37.2854	88.3320	-927.5	MCL	7.76	3.75	0.72	0.483	5.185	10.736	1338.	33.	2.	759.2	32.7	1
2270	0	408	37.2854	88.3313	-929.0	MCL	4.59	1.43	0.94	0.312	1.515	4.863	1288.	36.	7.	758.1	32.7	1
2271	0	392	37.2854	88.3306	-928.5	MCL	6.81	2.25	0.81	0.330	2.778	8.419	1261.	36.	2.	757.1	32.7	1
2272	0	360	37.2854	88.3299	-927.5	MCL	5.80	1.44	0.95	0.248	1.516	6.104	1256.	36.	3.	758.7	32.7	1
2273	0	376	37.2854	88.3292	-927.5	MCL	5.00	2.81	0.84	0.561	3.349	5.968	1313.	43.	1.	757.6	32.7	1
2274	0	388	37.2854	88.3285	-928.5	MCL	5.91	3.09	0.97	0.522	3.182	6.096	1429.	37.	1.	756.6	32.7	1
2275	0	376	37.2854	88.3277	-928.2	MCL	5.05	3.03	0.91	0.600	3.342	5.574	1480.	52.	0.	758.1	32.7	1
2276	0	376	37.2854	88.3270	-926.5	MCL	7.25	3.55	0.91	0.490	3.881	7.927	1502.	44.	1.	757.1	32.7	1
2277	0	352	37.2854	88.3263	-926.7	MCL	5.98	1.29	1.04	0.216	1.236	5.726	1309.	55.	4.	755.5	32.7	1
2278	0	352	37.2854	88.3256	-927.7	MCL	6.35	1.30	1.05	0.205	1.235	6.027	1326.	48.	6.	757.6	32.8	1
2279	0	360	37.2854	88.3249	-925.7	MCL	5.70	2.43	0.81	0.426	3.007	7.057	1280.	52.	6.	757.6	32.8	1

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	CDS	UAIR	PRESS	TEMP	SYS
2280	0	368	37.2855	88.3242	-924.7	MCL	5.20	1.66	0.79	0.319	2.098	6.576	1274.	27.	8.	756.1	32.7	1
2281	10	368	37.2855	88.3234	-926.7	MCL	6.11	1.05	0.91	0.0	0.0	6.712	1250.	51.	10.	756.6	32.8	1
2282	0	384	37.2855	88.3227	-927.0	MCL	6.05	2.54	0.82	0.419	3.089	7.367	1325.	38.	10.	757.6	32.7	1
2283	0	420	37.2854	88.3220	-926.7	MCL	7.04	2.10	0.95	0.298	2.206	7.392	1473.	46.	9.	757.1	32.7	1
2284	0	416	37.2854	88.3212	-927.2	MCL	6.40	2.12	1.08	0.331	1.963	5.929	1533.	40.	9.	756.1	32.7	1
2285	0	412	37.2854	88.3205	-927.2	MCL	6.72	1.44	1.31	0.214	1.099	5.137	1587.	40.	5.	756.1	32.7	1
2286	0	416	37.2854	88.3198	-925.5	MCL	6.65	2.08	1.21	0.313	1.725	5.507	1459.	45.	1.	756.6	32.7	1
2287	0	388	37.2854	88.3190	-925.5	MCL	6.75	1.88	0.82	0.278	2.293	8.237	1283.	37.	2.	756.6	32.7	1
2288	0	404	37.2854	88.3183	-926.2	MCL	7.36	2.10	0.89	0.285	2.366	8.293	1277.	47.	0.	757.1	32.7	1
2289	0	392	37.2854	88.3176	-925.7	MCL	6.27	2.91	1.06	0.464	2.741	5.908	1464.	28.	0.	756.6	32.7	1
2290	0	384	37.2854	88.3169	-926.0	MCL	7.24	2.50	1.16	0.345	2.151	6.234	1577.	46.	0.	755.5	32.8	1
2291	0	376	37.2854	88.3162	-927.2	MCL	6.88	4.34	0.78	0.630	5.549	8.807	1461.	41.	4.	756.6	32.8	1
2292	10	380	37.2854	88.3155	-926.5	MCL	7.00	0.56	1.12	0.0	0.0	6.271	1489.	46.	6.	757.1	32.7	1
2293	10	380	37.2854	88.3147	-926.5	MCL	6.92	0.78	1.12	0.0	0.0	6.179	1400.	37.	8.	757.1	32.7	1
2294	0	360	37.2854	88.3140	-927.5	MCL	6.56	1.62	0.94	0.247	1.714	6.943	1331.	42.	7.	756.6	32.7	1
2295	0	388	37.2854	88.3133	-927.0	MCL	7.68	2.05	0.98	0.268	2.087	7.796	1556.	32.	6.	756.1	32.7	1
2296	0	348	37.2854	88.3126	-927.0	MCL	5.15	2.42	1.05	0.469	2.290	4.885	1382.	44.	3.	756.6	32.7	1
2297	0	344	37.2854	88.3119	-927.0	MCL	6.97	1.96	0.99	0.282	1.977	7.018	1342.	40.	0.	757.6	32.7	1
2298	0	384	37.2854	88.3111	-927.0	MCL	6.44	2.48	0.93	0.385	2.652	6.890	1403.	45.	2.	756.6	32.7	1
2299	10	368	37.2854	88.3104	-926.5	MCL	6.40	0.97	1.09	0.0	0.0	5.848	1247.	44.	0.	757.1	32.7	1
2300	0	352	37.2854	88.3097	-926.5	MCL	5.81	1.49	0.81	0.257	1.846	7.180	1125.	50.	0.	757.6	32.6	1
2301	0	388	37.2854	88.3090	-927.2	MCL	4.63	2.49	0.77	0.538	3.235	6.011	1185.	36.	2.	757.6	32.6	1
2302	10	420	37.2854	88.3082	-928.0	MCL	6.52	1.17	0.78	0.0	0.0	8.407	1196.	46.	0.	757.1	32.7	1
2303	0	484	37.2854	88.3075	-929.0	MCL	6.44	3.02	0.91	0.469	3.336	7.113	1333.	53.	0.	757.1	32.6	1
2304	10	504	37.2854	88.3068	-928.2	MCL	9.81	0.12	0.94	0.0	0.0	10.415	1431.	49.	6.	757.1	32.6	1
2305	10	512	37.2854	88.3061	-927.5	MCL	6.58	1.58	1.21	0.0	0.0	5.434	1415.	40.	8.	756.6	32.7	1
2306	10	520	37.2854	88.3054	-926.7	MCL	6.58	1.00	1.28	0.0	0.0	5.134	1442.	33.	7.	757.1	32.6	1
2307	10	524	37.2854	88.3046	-927.0	MCL	6.37	0.23	1.09	0.0	0.0	5.842	1316.	33.	6.	757.6	32.6	1
2308	0	532	37.2854	88.3039	-926.5	MCL	5.45	1.75	0.96	0.320	1.820	5.683	1317.	45.	3.	756.6	32.7	1
2309	0	532	37.2853	88.3032	-927.5	MCL	5.33	1.90	1.42	0.356	1.332	3.738	1409.	28.	7.	756.6	32.6	1
2310	10	532	37.2853	88.3025	-928.5	MCL	7.36	-0.27	1.36	0.0	0.0	5.419	1321.	54.	6.	757.6	32.6	1
2311	10	524	37.2854	88.3017	-927.5	MCL	4.49	0.70	1.32	0.0	0.0	3.408	1475.	44.	9.	757.6	32.7	1
2312	0	504	37.2854	88.3010	-927.2	MCL	6.23	2.58	0.93	0.414	2.757	6.664	1438.	37.	3.	757.1	32.7	1
2313	0	488	37.2854	88.3003	-928.0	MCL	4.75	3.23	0.89	0.680	3.632	5.344	1406.	55.	3.	756.6	32.7	1
2314	0	460	37.2854	88.2995	-928.0	MCL	5.77	2.85	1.21	0.493	2.351	4.765	1537.	42.	3.	756.6	32.7	1
2315	0	480	37.2854	88.2989	-926.0	MCU	6.71	1.71	1.18	0.256	1.451	5.679	1467.	44.	1.	757.1	32.7	1
2316	0	496	37.2854	88.2981	-925.2	MCU	6.23	2.12	1.28	0.340	1.654	4.869	1582.	37.	1.	757.1	32.7	1
2317	0	456	37.2854	88.2974	-927.0	MCU	6.44	2.09	1.22	0.324	1.716	5.293	1393.	33.	0.	757.1	32.7	1
2318	0	412	37.2854	88.2967	-927.0	MCU	5.76	3.92	0.86	0.680	4.530	6.660	1341.	36.	0.	758.1	32.7	1
2319	0	416	37.2854	88.2960	-926.7	MCU	5.47	2.15	0.96	0.393	2.238	5.695	1324.	40.	0.	757.6	32.7	1
2320	0	420	37.2854	88.2952	-926.5	MCU	7.53	1.69	0.90	0.225	1.872	8.335	1358.	55.	3.	756.6	32.7	1
2321	10	412	37.2854	88.2945	-925.5	MCU	7.67	0.98	0.91	0.0	0.0	8.438	1386.	42.	0.	756.6	32.7	1
2322	0	420	37.2854	88.2938	-926.5	MCU	6.27	1.39	1.10	0.222	1.263	5.683	1283.	54.	1.	756.6	32.7	1
2323	0	424	37.2853	88.2931	-927.2	MCU	8.01	2.06	0.80	0.258	2.582	10.026	1324.	41.	4.	756.6	32.7	1
2324	10	388	37.2853	88.2924	-927.7	MCL	5.63	1.05	0.76	0.0	0.0	7.433	1126.	41.	3.	757.1	32.7	1
2325	0	384	37.2853	88.2917	-926.7	MCL	5.84	2.08	0.55	0.356	3.799	10.662	1125.	38.	6.	757.1	32.7	1
2326	0	424	37.2853	88.2909	-927.2	MCL	7.83	2.95	0.57	0.377	5.199	13.796	1187.	26.	4.	757.1	32.7	1
2327	0	472	37.2853	88.2902	-927.2	MCL	4.89	4.12	0.68	0.842	6.043	7.175	1280.	48.	5.	757.1	32.7	1
2328	0	504	37.2853	88.2895	-928.7	MCL	5.29	2.75	1.13	0.519	2.424	4.674	1346.	44.	5.	757.1	32.6	1
2329	0	484	37.2853	88.2888	-927.5	MCL	4.55	3.08	0.81	0.676	3.802	5.628	1355.	27.	3.	756.6	32.7	1
2330	0	428	37.2853	88.2881	-927.0	MCL	6.30	2.25	0.69	0.357	3.244	9.080	1265.	35.	7.	756.6	32.6	1
2331	0	420	37.2853	88.2874	-927.5	MCL	6.69	3.56	0.73	0.533	4.915	9.229	1272.	31.	0.	756.6	32.7	1
2332	0	416	37.2853	88.2866	-927.7	MCL	5.71	1.97	0.74	0.346	2.670	7.720	1229.	54.	0.	755.5	32.7	1

*	TAGS		* LOCATION		*		REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2333	10	400	37.2853	88.2859	-927.0	MCL	6.64	0.97	0.89	0.0	0.0	7.453	1363.	32.	2.	756.6	32.7	1
2334	0	408	37.2853	88.2851	-927.2	MCL	5.17	1.38	0.88	0.267	1.562	5.854	1266.	54.	4.	757.1	32.7	1
2335	0	408	37.2853	88.2844	-927.7	MCL	7.96	1.48	1.00	0.186	1.481	7.965	1413.	43.	1.	756.1	32.7	1
2336	0	436	37.2853	88.2837	-928.0	MCL	6.98	2.62	1.28	0.376	2.047	5.449	1466.	35.	0.	756.1	32.6	1
2337	0	444	37.2853	88.2830	-927.7	MCL	7.04	2.74	1.16	0.389	2.368	6.081	1521.	40.	0.	756.1	32.6	1
2338	0	448	37.2853	88.2822	-926.7	MCL	5.64	3.13	0.94	0.556	3.327	5.984	1474.	44.	0.	755.5	32.6	1
2339	0	464	37.2853	88.2815	-927.5	MCL	6.62	2.58	1.01	0.390	2.555	6.543	1444.	45.	2.	756.1	32.5	1
2340	0	480	37.2853	88.2808	-928.0	MCL	7.94	2.48	0.74	0.312	3.372	10.796	1440.	35.	5.	756.6	32.5	1
2341	0	468	37.2853	88.2801	-927.0	MCL	7.49	1.80	0.91	0.240	1.973	8.232	1373.	32.	8.	755.0	32.4	1
2342	0	468	37.2853	88.2794	-927.0	MCL	5.09	2.76	0.82	0.543	3.380	6.229	1349.	34.	4.	755.5	32.4	1
2343	10	468	37.2853	88.2787	-929.0	MCL	6.60	0.75	0.92	0.0	0.0	7.195	1255.	42.	7.	755.5	32.4	1
2344	10	468	37.2853	88.2779	-927.5	PPTC	8.17	0.19	0.81	0.0	0.0	10.130	1328.	36.	5.	754.5	32.4	1
2345	0	464	37.2853	88.2772	-927.7	PPTC	5.51	2.40	0.89	0.435	2.708	6.225	1348.	33.	4.	755.0	32.4	1
2346	10	424	37.2853	88.2765	-927.5	PPTC	5.67	1.00	0.90	0.0	0.0	6.276	1336.	30.	7.	755.0	32.4	1
2347	0	400	37.2853	88.2758	-927.0	PPTC	5.64	1.72	0.91	0.304	1.876	6.165	1242.	42.	5.	755.0	32.4	1
2348	10	368	37.2853	88.2751	-927.0	PPTC	5.24	0.49	0.89	0.0	0.0	5.905	1211.	41.	5.	755.0	32.4	1
2349	0	332	37.2853	88.2744	-927.0	PPTC	5.96	1.68	0.75	0.282	2.241	7.941	1170.	44.	2.	753.5	32.4	1
2350	0	352	37.2853	88.2737	-927.0	PPTC	6.81	1.91	1.07	0.281	1.783	6.353	1365.	42.	3.	755.0	32.4	1
2351	0	356	37.2853	88.2729	-927.2	PPTC	6.75	2.82	1.11	0.418	2.529	6.057	1528.	28.	1.	755.5	32.4	1
2352	0	360	37.2853	88.2722	-927.0	PPTC	9.42	1.42	0.96	0.151	1.478	9.800	1560.	42.	4.	754.5	32.4	1
2353	0	380	37.2853	88.2715	-927.0	PPTC	6.09	3.14	1.14	0.516	2.750	5.324	1582.	46.	2.	755.5	32.4	1
2354	0	380	37.2853	88.2708	-925.7	PPTC	6.10	2.17	1.13	0.356	1.925	5.407	1502.	32.	4.	755.0	32.4	1
2355	0	336	37.2853	88.2701	-923.7	PPTC	7.43	3.53	0.83	0.475	4.277	8.999	1478.	39.	2.	755.0	32.4	1
2356	0	340	37.2853	88.2693	-924.5	PPTC	7.96	2.41	1.11	0.303	2.172	7.169	1537.	37.	3.	755.5	32.4	1
2357	0	324	37.2853	88.2685	-925.5	PPTC	6.71	2.40	1.07	0.357	2.238	6.269	1476.	48.	0.	755.0	32.4	1
2358	0	304	37.2853	88.2678	-924.0	PPTC	6.97	2.83	0.96	0.407	2.946	7.240	1476.	44.	0.	755.5	32.4	1
2359	0	296	37.2852	88.2671	-924.0	MCU	4.82	2.02	1.00	0.420	2.020	4.814	1247.	46.	1.	755.0	32.5	1
2360	0	292	37.2852	88.2664	-924.2	MCU	4.74	1.51	0.63	0.319	2.399	7.525	996.	26.	2.	754.5	32.5	1
2361	10	340	37.2852	88.2657	-925.0	MCU	3.96	0.71	0.65	0.0	0.0	6.107	817.	43.	0.	756.1	32.5	1
2362	10	412	37.2852	88.2649	-924.7	MCU	6.53	0.41	0.71	0.0	0.0	9.137	1066.	32.	5.	755.0	32.5	1
2363	10	456	37.2852	88.2642	-923.2	MCU	4.95	0.06	0.99	0.0	0.0	4.995	1037.	45.	5.	756.1	32.5	1
2364	0	516	37.2852	88.2635	-924.0	MCU	5.63	1.99	1.01	0.353	1.975	5.599	1276.	50.	6.	756.6	32.5	1
2365	0	532	37.2852	88.2628	-924.0	MCU	2.36	4.78	1.08	2.030	4.440	2.188	1381.	48.	6.	755.0	32.5	1
2366	0	536	37.2852	88.2621	-924.0	MCU	7.67	2.82	1.19	0.368	2.380	6.461	1462.	28.	2.	756.1	32.4	1
2367	0	536	37.2852	88.2614	-923.0	MCU	9.65	2.36	0.90	0.245	2.630	10.744	1452.	40.	1.	756.1	32.4	1
2368	10	544	37.2852	88.2607	-924.0	MCU	8.50	1.50	1.27	0.0	0.0	6.718	1510.	26.	0.	754.5	32.5	1
2369	0	544	37.2852	88.2599	-923.7	MCU	7.76	1.91	1.46	0.247	1.309	5.311	1432.	41.	1.	756.6	32.5	1
2370	0	548	37.2852	88.2592	-922.7	MCU	6.09	2.25	1.11	0.370	2.027	5.480	1489.	44.	1.	755.5	32.5	1
2371	0	544	37.2852	88.2585	-922.2	MCU	8.56	1.80	1.09	0.211	1.649	7.823	1468.	40.	0.	754.5	32.5	1
2372	0	560	37.2852	88.2578	-922.7	MCU	5.99	3.62	1.21	0.605	2.997	4.957	1407.	40.	0.	757.6	32.5	1
2373	0	572	37.2852	88.2570	-923.0	MCU	6.70	3.22	1.02	0.480	3.150	6.558	1389.	48.	0.	756.6	32.5	1
2374	10	568	37.2852	88.2563	-922.5	MCU	8.70	1.60	1.28	0.0	0.0	6.812	1471.	39.	1.	754.5	32.5	1
2375	0	564	37.2852	88.2556	-922.0	MCU	8.14	2.17	1.04	0.266	2.087	7.834	1482.	32.	0.	756.6	32.5	1
2376	0	560	37.2852	88.2549	-920.5	MCU	7.26	3.48	1.11	0.479	3.139	6.559	1443.	46.	0.	756.6	32.5	1
2377	0	548	37.2852	88.2541	-922.0	MCU	5.61	1.82	1.05	0.324	1.733	5.341	1433.	34.	1.	753.5	32.5	1
2378	0	540	37.2852	88.2534	-921.2	MCU	7.93	2.17	0.84	0.274	2.582	9.429	1404.	51.	0.	755.5	32.5	1
2379	0	548	37.2852	88.2527	-921.7	MCU	7.33	2.66	1.09	0.364	2.441	6.714	1336.	35.	0.	756.6	32.5	1
2380	0	560	37.2852	88.2520	-922.2	MCU	8.52	2.02	0.78	0.237	2.583	10.902	1417.	33.	0.	754.5	32.5	1
2381	0	576	37.2852	88.2512	-921.5	MCU	6.38	2.24	1.33	0.352	1.686	4.793	1373.	39.	0.	755.0	32.5	1
2382	0	572	37.2852	88.2505	-920.0	MCU	6.58	3.57	0.59	0.542	6.095	11.243	1303.	37.	0.	757.1	32.4	1
2383	0	568	37.2852	88.2498	-920.7	MCU	4.52	3.14	1.04	0.694	3.016	4.343	1399.	29.	0.	754.5	32.5	1
2384	0	596	37.2852	88.2491	-920.5	MCU	7.05	2.24	1.23	0.318	1.829	5.747	1350.	48.	1.	753.5	32.5	1
2385	0	596	37.2852	88.2484	-920.5	MCU	4.63	3.80	0.88	0.821	4.319	5.261	1312.	54.	0.	755.5	32.5	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2386	10	596	37.2852	88.2476	-921.2	MCU	7.89	1.32	0.81	0.0	0.0	9.783	1376.	49.	0.	755.0	32.5	1
2387	0	608	37.2852	88.2469	-920.7	MCU	5.18	3.29	0.93	0.635	3.539	5.572	1284.	46.	0.	753.0	32.6	1
2388	0	612	37.2852	88.2462	-920.0	MCU	6.48	2.08	1.07	0.320	1.947	6.077	1350.	43.	0.	754.5	32.6	1
2389	10	612	37.2852	88.2455	-920.2	MCU	6.75	1.54	1.02	0.0	0.0	6.599	1188.	44.	1.	755.5	32.6	1
2390	0	596	37.2852	88.2448	-919.5	MCU	2.45	3.06	1.01	1.246	3.039	2.438	1112.	47.	1.	754.5	32.5	1
2391	10	516	37.2852	88.2440	-918.7	MCU	4.90	0.91	0.67	0.0	0.0	7.339	1079.	46.	0.	754.5	32.4	1
2392	0	500	37.2852	88.2433	-918.5	MCU	2.72	2.81	0.82	1.032	3.419	3.314	1029.	45.	0.	755.5	32.5	1
2393	0	560	37.2852	88.2426	-917.7	MM	5.80	3.18	0.78	0.548	4.087	7.454	1266.	41.	0.	756.6	32.5	1
2394	0	572	37.2852	88.2419	-916.5	MM	4.40	3.32	0.72	0.754	4.609	6.111	1206.	48.	0.	754.5	32.5	1
2395	0	588	37.2852	88.2411	-916.7	MM	5.67	2.86	0.96	0.505	2.969	5.879	1281.	30.	0.	754.5	32.5	1
2396	0	588	37.2852	88.2404	-916.5	MM	6.99	2.64	1.06	0.377	2.480	6.573	1449.	33.	0.	756.6	32.4	1
2397	10	580	37.2852	88.2397	-918.0	MM	9.37	1.86	1.10	0.0	0.0	8.482	1351.	45.	1.	756.6	32.5	1
2398	0	576	37.2851	88.2390	-917.2	MM	4.60	3.77	1.01	0.820	3.725	4.543	1341.	36.	3.	754.5	32.5	1
2399	0	576	37.2851	88.2383	-918.0	MM	7.57	3.03	1.13	0.400	2.681	6.702	1480.	39.	0.	754.5	32.6	1
2400	0	572	37.2851	88.2376	-917.5	MM	7.92	3.70	0.72	0.467	5.125	10.962	1389.	33.	2.	756.6	32.5	1
2401	10	568	37.2851	88.2368	-918.0	MM	8.38	0.65	1.00	0.0	0.0	8.352	1356.	47.	4.	756.6	32.5	1
2402	0	564	37.2851	88.2361	-918.0	MM	6.22	1.89	1.24	0.304	1.521	5.008	1489.	41.	9.	755.5	32.5	1
2403	10	564	37.2851	88.2354	-917.2	MM	9.32	-0.31	1.11	0.0	0.0	8.431	1463.	36.	7.	754.5	32.5	1
2404	0	560	37.2852	88.2347	-918.2	MM	6.84	2.48	1.37	0.363	1.811	4.991	1516.	44.	7.	755.5	32.4	1
2405	0	556	37.2852	88.2340	-917.2	MM	8.06	3.14	1.30	0.389	2.420	6.215	1622.	41.	1.	757.1	32.5	1
2406	0	548	37.2852	88.2333	-916.7	MM	5.08	2.23	1.03	0.439	2.162	4.920	1494.	38.	5.	756.1	32.5	1
2407	0	548	37.2852	88.2326	-916.7	MM	6.76	6.81	0.93	1.007	7.341	7.292	1569.	45.	0.	754.0	32.5	1
2408	0	544	37.2852	88.2318	-916.2	MM	6.71	2.50	0.88	0.373	2.845	7.627	1517.	43.	4.	755.0	32.5	1
2409	0	548	37.2851	88.2311	-916.5	MM	7.08	3.76	0.99	0.531	3.788	7.131	1628.	39.	0.	757.1	32.5	1
2410	0	548	37.2851	88.2304	-916.2	MM	6.93	2.20	1.24	0.317	1.774	5.593	1483.	56.	1.	756.1	32.4	1
2411	0	540	37.2852	88.2297	-916.7	MM	12.06	2.17	1.17	0.180	1.858	10.308	1594.	33.	0.	754.0	32.4	1
2412	0	536	37.2852	88.2290	-918.0	MM	6.82	1.63	1.30	0.238	1.251	5.247	1578.	43.	0.	754.5	32.4	1
2413	0	532	37.2852	88.2282	-916.2	MM	7.05	3.55	1.16	0.503	3.066	6.090	1638.	41.	0.	756.6	32.4	1
2414	0	524	37.2852	88.2276	-915.0	MM	6.05	4.02	1.30	0.664	3.091	4.654	1516.	51.	0.	756.6	32.4	1
2415	0	524	37.2852	88.2268	-914.5	MM	8.57	3.70	0.92	0.432	4.008	9.282	1465.	47.	0.	754.5	32.4	1
2416	0	512	37.2852	88.2261	-914.2	MM	9.60	3.16	1.09	0.330	2.915	8.844	1567.	53.	0.	754.0	32.4	1
2417	0	504	37.2852	88.2254	-914.0	MM	6.09	2.78	1.24	0.457	2.239	4.902	1499.	36.	0.	756.1	32.4	1
2418	0	504	37.2852	88.2247	-914.5	MM	7.68	3.18	1.21	0.414	2.635	6.363	1576.	36.	0.	756.6	32.4	1
2419	0	500	37.2852	88.2239	-913.7	MM	8.01	2.58	0.78	0.322	3.308	10.274	1443.	33.	0.	755.5	32.5	1
2420	0	512	37.2852	88.2232	-912.7	MM	4.80	2.74	1.00	0.571	2.744	4.802	1400.	40.	2.	754.5	32.4	1
2421	0	484	37.2852	88.2225	-914.2	MM	5.62	3.87	0.76	0.688	5.084	7.387	1304.	41.	0.	754.5	32.4	1
2422	0	468	37.2852	88.2218	-914.2	MM	5.87	3.04	0.70	0.518	4.339	8.373	1294.	38.	0.	755.5	32.4	1
2423	0	472	37.2852	88.2212	-911.5	MM	5.98	1.94	1.11	0.324	1.748	5.399	1257.	47.	0.	756.6	32.5	1
2424	10	480	37.2852	88.2204	-911.2	MM	8.58	1.00	1.14	0.0	0.0	7.514	1264.	41.	0.	755.5	32.4	1
2425	0	492	37.2852	88.2197	-912.7	MM	4.83	3.20	0.70	0.662	4.572	6.904	1181.	46.	0.	754.5	32.4	1
2426	0	508	37.2852	88.2190	-912.5	MM	6.08	2.00	0.92	0.328	2.161	6.584	1204.	50.	2.	754.5	32.4	1
2427	10	500	37.2852	88.2182	-911.2	MM	7.85	0.96	0.89	0.0	0.0	8.784	1234.	47.	0.	755.5	32.4	1
2428	10	492	37.2852	88.2175	-910.7	MM	7.46	1.21	0.93	0.0	0.0	8.050	1326.	33.	2.	756.6	32.4	1
2429	10	492	37.2852	88.2168	-910.5	MM	6.08	1.35	1.41	0.0	0.0	4.320	1252.	32.	0.	755.5	32.4	1
2430	0	452	37.2852	88.2161	-910.7	MM	5.58	1.36	0.55	0.244	2.480	10.182	1062.	50.	1.	754.5	32.4	1
2431	0	424	37.2852	88.2153	-910.7	MM	4.00	1.30	0.67	0.326	1.954	5.998	943.	44.	4.	754.5	32.4	1
2432	10	392	37.2852	88.2146	-908.7	MM	3.68	0.42	0.55	0.0	0.0	6.673	780.	51.	7.	755.0	32.4	1
2433	10	356	37.2852	88.2139	-908.0	MCL	4.74	1.09	0.54	0.0	0.0	8.722	745.	57.	2.	756.1	32.5	1
2434	0	372	37.2852	88.2132	-908.7	MCL	3.26	1.30	0.76	0.400	1.709	4.273	903.	51.	9.	756.6	32.5	1
2435	0	468	37.2853	88.2125	-908.7	MCL	5.79	1.85	0.97	0.320	1.916	5.994	1235.	49.	5.	755.5	32.5	1
2436	0	496	37.2853	88.2118	-909.0	MM	4.46	2.43	1.07	0.545	2.269	4.160	1280.	59.	2.	754.5	32.5	1
2437	10	496	37.2852	88.2110	-907.7	MM	8.12	1.00	1.26	0.0	0.0	6.437	1352.	39.	1.	755.0	32.5	1
2438	10	468	37.2853	88.2103	-907.0	MM	7.11	1.33	1.08	0.0	0.0	6.606	1207.	36.	0.	756.1	32.4	1

CP9 IP12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK. UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2439	0	432	37.2852	88.2096	-908.2	MM	3.14	2.16	0.79	0.688	2.727	3.961	1016.	42.	4.	756.1	32.4	1
2440	0	376	37.2852	88.2090	-907.7	MM	4.00	1.51	0.46	0.378	3.285	8.698	804.	45.	0.	755.5	32.4	1
2441	0	324	37.2852	88.2082	-905.7	MM	3.74	1.14	0.63	0.304	1.803	5.931	758.	42.	3.	754.5	32.4	1
2442	0	304	37.2852	88.2076	-905.2	MM	3.99	1.06	0.34	0.267	3.156	11.830	689.	31.	1.	754.5	32.4	1
2443	10	340	37.2853	88.2068	-905.2	MCL	2.33	0.72	0.47	0.0	0.0	4.952	731.	28.	5.	756.1	32.5	1
2444	10	392	37.2853	88.2061	-905.5	MCL	3.36	-0.36	0.82	0.0	0.0	4.084	910.	43.	7.	756.6	32.6	1
2445	10	424	37.2853	88.2054	-905.5	MCL	5.03	0.59	0.79	0.0	0.0	6.350	1031.	40.	3.	755.5	32.5	1
2446	0	444	37.2853	88.2046	-903.5	MM	5.13	2.83	0.80	0.551	3.533	6.417	1169.	36.	1.	754.5	32.5	1
2447	0	484	37.2853	88.2039	-903.7	MM	5.73	2.44	0.93	0.426	2.623	6.163	1255.	39.	0.	755.0	32.6	1
2448	0	536	37.2853	88.2032	-905.0	MM	6.24	2.06	1.26	0.330	1.640	4.967	1475.	35.	1.	756.1	32.5	1
2449	0	544	37.2853	88.2025	-905.0	MM	6.14	2.05	1.11	0.335	1.853	5.535	1439.	47.	0.	756.6	32.5	1
2450	0	548	37.2852	88.2018	-904.0	MM	7.15	3.56	0.81	0.497	4.415	8.878	1510.	41.	0.	756.6	32.5	1
2451	0	548	37.2853	88.2011	-903.2	MM	6.42	2.97	1.17	0.462	2.539	5.494	1526.	28.	0.	756.1	32.5	1
2452	0	548	37.2853	88.2004	-903.7	MM	5.29	3.42	0.93	0.645	3.689	5.718	1473.	52.	0.	755.0	32.5	1
2453	0	552	37.2853	88.1996	-904.0	MM	6.53	3.45	0.95	0.528	3.642	6.901	1400.	41.	3.	755.0	32.5	1
2454	0	564	37.2853	88.1989	-902.5	MM	5.23	1.98	1.09	0.378	1.817	4.808	1379.	42.	3.	757.1	32.5	1
2455	10	580	37.2853	88.1982	-901.2	MM	7.97	1.18	0.95	0.0	0.0	8.399	1303.	48.	3.	757.6	32.4	1
2456	0	580	37.2853	88.1975	-902.2	MM	6.36	3.83	0.74	0.602	5.213	8.656	1261.	39.	3.	756.6	32.4	1
2457	10	576	37.2853	88.1968	-903.0	MM	5.04	0.90	1.23	0.0	0.0	4.094	1222.	42.	5.	755.5	32.4	1
2458	0	568	37.2853	88.1961	-900.7	MM	6.23	3.21	0.93	0.515	3.467	6.727	1286.	41.	2.	755.5	32.4	1
2459	0	552	37.2853	88.1954	-900.2	MM	7.24	2.55	1.12	0.352	2.271	6.458	1379.	40.	0.	754.5	32.4	1
2460	10	528	37.2853	88.1947	-899.5	MM	6.31	1.50	0.99	0.0	0.0	6.399	1348.	41.	0.	755.5	32.5	1
2461	10	520	37.2853	88.1940	-898.5	MM	5.32	0.85	1.14	0.0	0.0	4.663	1208.	44.	1.	758.1	32.5	1
2462	0	532	37.2853	88.1932	-898.2	MM	7.10	2.85	0.85	0.402	3.355	8.345	1313.	40.	0.	758.1	32.5	1
2463	0	536	37.2853	88.1925	-896.7	MM	5.42	2.07	0.92	0.382	2.252	5.889	1340.	36.	0.	757.1	32.6	1
2464	0	536	37.2853	88.1918	-896.2	MM	7.11	2.41	1.00	0.339	2.405	7.094	1322.	42.	0.	757.1	32.5	1
2465	0	536	37.2853	88.1911	-895.5	MM	6.26	4.02	0.84	0.641	4.806	7.498	1395.	36.	0.	756.6	32.6	1
2466	0	528	37.2854	88.1904	-893.2	MM	5.56	2.48	0.84	0.446	2.953	6.614	1384.	41.	0.	755.5	32.5	1
2467	0	524	37.2854	88.1897	-893.2	MM	6.89	2.92	1.04	0.423	2.816	6.650	1453.	40.	0.	756.6	32.5	1
2468	0	516	37.2853	88.1890	-892.7	MM	4.89	4.95	1.04	1.013	4.770	4.710	1436.	46.	1.	757.6	32.5	1
2469	0	508	37.2853	88.1882	-892.0	MM	6.63	2.43	1.15	0.367	2.119	5.777	1445.	31.	0.	757.6	32.5	1
2470	0	516	37.2853	88.1875	-891.0	MM	6.73	2.04	1.04	0.303	1.963	6.482	1405.	38.	5.	757.6	32.5	1
2471	0	528	37.2853	88.1868	-890.5	MM	6.42	1.78	0.80	0.276	2.216	8.019	1359.	41.	5.	756.6	32.5	1
2472	10	540	37.2853	88.1861	-890.2	MM	7.59	1.13	1.05	0.0	0.0	7.239	1417.	36.	1.	755.5	32.4	1
2473	0	548	37.2853	88.1853	-891.7	MM	5.31	2.73	0.95	0.514	2.883	5.611	1477.	34.	5.	755.5	32.4	1
2474	10	544	37.2854	88.1846	-890.7	MM	5.36	1.49	0.93	0.0	0.0	5.736	1435.	37.	8.	755.5	32.4	1
2475	10	540	37.2854	88.1839	-890.7	MM	6.26	1.39	0.92	0.0	0.0	6.835	1318.	43.	6.	755.5	32.4	1
2476	10	540	37.2854	88.1833	-889.7	MM	8.46	0.02	1.09	0.0	0.0	7.778	1403.	40.	10.	757.6	32.4	1
2477	10	536	37.2854	88.1826	-888.5	MM	6.40	1.19	1.15	0.0	0.0	5.551	1283.	45.	5.	757.6	32.4	1
2478	0	544	37.2854	88.1818	-889.0	MM	8.31	4.06	0.83	0.489	4.880	9.979	1430.	32.	0.	757.6	32.4	1
2479	10	544	37.2853	88.1811	-888.2	MM	7.83	1.72	0.91	0.0	0.0	8.643	1300.	43.	2.	757.6	32.4	1
2480	10	548	37.2853	88.1804	-887.2	MM	7.74	0.76	1.01	0.0	0.0	7.681	1229.	41.	3.	756.6	32.4	1
2481	0	544	37.2853	88.1797	-886.0	MM	5.32	2.64	0.87	0.497	3.057	6.153	1259.	46.	0.	756.1	32.4	1
2482	0	504	37.2854	88.1790	-884.7	MCL	3.73	1.95	1.07	0.522	1.821	3.490	1128.	46.	0.	756.1	32.4	1
2483	0	496	37.2854	88.1783	-883.5	MCL	4.91	2.48	0.56	0.504	4.413	8.748	1041.	41.	0.	755.0	32.4	1
2484	10	516	37.2854	88.1776	-884.0	MCL	6.82	1.19	0.96	0.0	0.0	7.113	1145.	48.	0.	755.0	32.4	1
2485	0	428	37.2854	88.1768	-884.0	MCL	6.02	1.37	0.76	0.227	1.796	7.909	973.	44.	0.	755.0	32.4	1
2486	10	384	37.2854	88.1761	-882.7	MCL	3.82	0.62	0.46	0.0	0.0	8.329	820.	51.	0.	756.1	32.4	1
2487	10	384	37.2854	88.1754	-882.5	MCL	3.77	0.47	0.72	0.0	0.0	5.237	823.	41.	0.	756.1	32.4	1
2488	0	412	37.2854	88.1747	-883.2	MCL	3.82	2.76	0.63	0.721	4.393	6.095	947.	44.	1.	756.1	32.4	1
2489	0	428	37.2854	88.1739	-882.0	MCL	4.13	2.20	0.74	0.532	2.976	5.589	1086.	51.	3.	757.1	32.4	1
2490	0	404	37.2854	88.1732	-880.2	MCL	3.82	1.78	0.89	0.466	1.996	4.288	1106.	43.	2.	758.1	32.3	1
2491	0	384	37.2854	88.1725	-880.0	MCL	4.24	3.17	0.92	0.746	3.429	4.597	1175.	34.	0.	757.6	32.3	1

CP 9 IP 12

*	TAGS		* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2492	0	360	37.2854	88.1717	-878.2	MCL	4.55	3.53	0.82	0.776	4.296	5.534	1128.	47.	0.	757.6	32.4	1
2493	0	352	37.2854	88.1711	-878.7	MCL	7.28	1.92	0.91	0.264	2.107	7.982	1330.	41.	1.	757.6	32.4	1
2494	0	340	37.2854	88.1704	-878.0	MCL	6.78	3.12	1.05	0.460	2.974	6.464	1416.	34.	0.	756.6	32.4	1
2495	0	324	37.2854	88.1697	-875.0	MCL	6.60	2.68	1.17	0.406	2.297	5.660	1506.	43.	0.	756.6	32.4	1
2496	0	324	37.2854	88.1690	-873.7	MCL	7.47	4.30	1.15	0.576	3.736	6.487	1658.	30.	0.	756.6	32.4	1
2497	0	328	37.2854	88.1682	-874.5	MCL	7.59	2.55	0.86	0.336	2.982	8.882	1614.	47.	0.	756.6	32.3	1
2498	0	332	37.2854	88.1675	-874.0	MCL	7.55	2.84	1.07	0.377	2.669	7.080	1634.	43.	0.	756.6	32.2	1
2499	0	340	37.2854	88.1668	-874.0	MCL	7.27	4.05	0.88	0.558	4.593	8.237	1599.	39.	0.	756.6	32.2	1
2500	10	348	37.2854	88.1661	-873.2	MCL	7.90	1.08	1.50	0.0	0.0	5.263	1595.	40.	1.	755.0	32.2	1
2501	0	348	37.2854	88.1654	-872.0	MCL	7.39	3.15	1.57	0.426	2.010	4.717	1728.	32.	2.	755.0	32.2	1
2502	0	348	37.2854	88.1647	-871.7	MCL	6.86	4.68	1.07	0.682	4.371	6.406	1674.	36.	0.	756.1	32.2	1
2503	0	352	37.2854	88.1639	-871.7	MCL	8.47	2.69	1.27	0.318	2.129	6.690	1697.	38.	0.	756.1	32.2	1
2504	0	360	37.2854	88.1632	-870.5	MCL	7.55	1.49	1.29	0.198	1.152	5.831	1579.	27.	5.	755.5	32.2	1
2505	0	372	37.2854	88.1625	-869.7	MCL	8.09	3.99	1.02	0.493	3.927	7.967	1640.	39.	0.	755.5	32.2	1
2506	0	352	37.2855	88.1618	-867.5	MCL	6.34	2.91	1.01	0.460	2.895	6.300	1494.	42.	2.	756.1	32.1	1
2507	0	328	37.2854	88.1610	-865.7	MCL	6.71	2.28	0.82	0.340	2.799	8.226	1412.	44.	2.	756.1	32.2	1
2508	0	356	37.2854	88.1603	-866.0	MCL	8.29	3.59	1.01	0.433	3.555	8.211	1588.	30.	0.	755.0	32.1	1
2509	0	364	37.2854	88.1596	-864.2	MCL	10.17	2.22	1.15	0.219	1.936	8.857	1662.	38.	0.	755.5	32.1	1
2510	0	364	37.2854	88.1589	-863.0	MCL	9.27	1.60	1.22	0.173	1.307	7.571	1631.	46.	0.	756.6	32.2	1
2511	0	372	37.2854	88.1582	-861.7	MCL	7.91	3.34	0.92	0.422	3.648	8.643	1597.	37.	0.	756.1	32.2	1
2512	0	384	37.2854	88.1575	-860.7	MCL	6.96	3.23	1.16	0.464	2.780	5.998	1449.	45.	0.	756.1	32.2	1
2513	0	396	37.2854	88.1568	-860.2	MCL	7.35	2.10	1.22	0.285	1.724	6.043	1565.	48.	0.	756.6	32.2	1
2514	0	408	37.2855	88.1561	-861.0	MCL	6.60	3.11	1.04	0.471	2.990	6.348	1508.	40.	0.	756.6	32.1	1
2515	0	416	37.2855	88.1554	-857.7	MCL	8.34	3.38	0.96	0.406	3.542	8.733	1525.	44.	1.	756.6	32.1	1
2516	0	400	37.2855	88.1547	-856.7	MCL	7.63	2.79	1.06	0.366	2.635	7.206	1503.	45.	0.	756.6	32.1	1
2517	10	384	37.2854	88.1539	-856.5	MCL	8.94	0.89	1.00	0.0	0.0	8.930	1377.	34.	2.	757.6	32.1	1
2518	0	412	37.2854	88.1532	-856.0	MCL	7.13	3.94	1.01	0.553	3.918	7.089	1433.	37.	0.	758.7	32.1	1
2519	0	408	37.2854	88.1525	-852.2	MCL	4.72	1.72	1.09	0.364	1.582	4.344	1329.	33.	2.	758.7	32.1	1
2520	10	392	37.2854	88.1518	-849.5	MCL	7.21	0.91	0.94	0.0	0.0	7.681	1318.	40.	2.	758.7	32.1	1
2521	0	364	37.2854	88.1511	-849.7	MCL	4.23	2.30	0.74	0.544	3.098	5.697	1110.	41.	1.	756.6	32.1	1
2522	0	400	37.2855	88.1504	-850.7	MCL	4.97	1.86	0.85	0.375	2.187	5.836	1076.	48.	2.	755.5	32.1	1
2523	0	448	37.2855	88.1496	-851.7	MCL	3.16	2.63	0.68	0.833	3.881	4.661	1012.	45.	0.	755.5	32.1	1
2524	10	476	37.2855	88.1489	-852.7	MCL	6.16	0.95	0.61	0.0	0.0	10.133	976.	42.	2.	755.5	32.1	1
2525	10	492	37.2855	88.1482	-851.2	MCL	7.73	0.45	0.57	0.0	0.0	13.577	1006.	37.	0.	755.5	32.1	1
2526	0	508	37.2855	88.1475	-850.5	MCL	5.22	2.01	0.73	0.385	2.770	7.190	1063.	38.	0.	756.6	32.1	1
2527	0	488	37.2855	88.1468	-850.7	MCL	5.82	1.55	0.54	0.266	2.869	10.797	1068.	41.	1.	757.6	32.1	1
2528	0	464	37.2855	88.1461	-847.5	MCL	4.59	1.76	0.85	0.385	2.079	5.405	1005.	42.	0.	757.6	32.1	1
2529	0	460	37.2855	88.1453	-845.2	MCL	5.09	1.60	0.64	0.315	2.508	7.956	1020.	36.	0.	758.7	32.1	1
2530	0	452	37.2855	88.1447	-844.7	MCL	7.30	2.45	0.74	0.335	3.289	9.819	1187.	33.	0.	758.7	32.0	1
2531	0	436	37.2855	88.1440	-844.7	MCL	6.44	2.30	0.79	0.357	2.925	8.186	1193.	31.	0.	756.6	32.0	1
2532	0	432	37.2855	88.1432	-844.0	MCL	6.10	2.00	1.07	0.328	1.876	5.724	1263.	46.	0.	755.5	32.0	1
2533	0	432	37.2855	88.1425	-843.0	MCL	7.98	1.75	0.89	0.220	1.971	8.973	1395.	44.	0.	755.5	32.1	1
2534	0	428	37.2855	88.1418	-840.5	MCL	5.78	3.65	0.89	0.631	4.111	6.516	1324.	39.	0.	755.5	32.1	1
2535	0	428	37.2855	88.1411	-840.7	MCL	7.49	3.53	0.97	0.471	3.633	7.716	1399.	35.	0.	755.5	32.1	1
2536	0	436	37.2855	88.1404	-839.7	MCL	6.06	2.72	0.85	0.449	3.213	7.159	1324.	48.	0.	756.6	32.1	1
2537	10	424	37.2855	88.1397	-838.2	MCL	6.30	1.26	0.86	0.0	0.0	7.336	1182.	39.	1.	757.6	32.1	1
2538	0	428	37.2855	88.1389	-838.2	MCL	4.36	1.42	0.86	0.325	1.643	5.057	1101.	45.	0.	757.6	32.1	1
2539	10	444	37.2855	88.1382	-836.5	MM	4.75	1.10	0.74	0.0	0.0	6.458	1022.	30.	1.	757.1	32.2	1
2540	0	472	37.2855	88.1375	-834.2	MM	6.30	3.01	0.43	0.477	7.066	14.812	956.	45.	0.	757.1	32.1	1
2541	0	480	37.2855	88.1368	-833.5	MM	3.60	1.89	0.85	0.524	2.214	4.227	964.	41.	1.	757.1	32.1	1
2542	10	492	37.2855	88.1361	-832.2	MM	3.83	0.99	0.62	0.0	0.0	6.210	916.	47.	0.	756.6	32.1	1
2543	0	544	37.2855	88.1354	-830.5	MM	3.26	2.26	0.45	0.692	4.958	7.161	941.	36.	5.	755.5	32.1	1
2544	0	576	37.2855	88.1347	-831.7	MM	3.29	2.45	0.77	0.745	3.191	4.281	1052.	49.	3.	755.5	32.1	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2545	0	524	37.2855	88.1339	-830.5	MM	4.28	1.68	1.03	0.393	1.638	4.170	1020.	39.	4.	756.6	32.1	1
2546	10	516	37.2855	88.1332	-827.0	MM	6.95	0.84	0.83	0.0	0.0	8.405	1136.	31.	5.	757.6	32.1	1
2547	10	508	37.2855	88.1325	-827.2	MM	6.26	0.38	0.79	0.0	0.0	7.872	1172.	36.	5.	757.6	32.1	1
2548	10	508	37.2855	88.1318	-827.5	MM	6.32	1.11	0.87	0.0	0.0	7.246	1161.	43.	5.	758.7	32.1	1
2549	0	484	37.2855	88.1311	-823.7	MM	3.97	1.47	0.65	0.370	2.253	6.086	1019.	42.	6.	757.6	32.1	1
2550	0	440	37.2855	88.1304	-823.5	MCL	4.53	2.40	0.74	0.529	3.255	6.157	959.	39.	3.	755.5	32.1	1
2551	0	384	37.2855	88.1297	-822.2	MCL	3.87	2.13	0.68	0.549	3.128	5.694	1031.	40.	6.	755.5	32.1	1
2552	0	380	37.2855	88.1290	-819.0	MCL	6.16	3.65	0.92	0.593	3.973	6.704	1360.	42.	6.	755.5	32.1	1
2553	0	364	37.2856	88.1283	-816.7	MCL	7.17	2.11	0.82	0.294	2.566	8.725	1394.	42.	5.	756.6	32.1	1
2554	0	376	37.2856	88.1275	-816.0	MCL	6.96	2.76	1.17	0.397	2.361	5.951	1485.	54.	4.	757.6	32.1	1
2555	0	384	37.2856	88.1268	-814.2	MCL	5.80	2.33	1.26	0.401	1.848	4.602	1440.	26.	3.	757.6	32.1	1
2556	0	396	37.2856	88.1261	-815.7	MCL	5.89	3.03	0.98	0.515	3.087	5.994	1460.	33.	6.	756.6	32.1	1
2557	0	368	37.2855	88.1254	-813.7	MCL	6.35	2.79	0.96	0.440	2.918	6.634	1418.	45.	5.	756.6	32.2	1
2558	0	392	37.2855	88.1247	-810.5	MCL	9.94	1.80	1.04	0.181	1.723	9.524	1488.	38.	3.	755.5	32.2	1
2559	0	392	37.2855	88.1239	-810.5	MCL	7.56	2.37	1.15	0.314	2.073	6.595	1425.	64.	1.	755.5	32.2	1
2560	0	392	37.2855	88.1232	-810.2	MCL	6.81	1.46	1.23	0.215	1.186	5.522	1433.	42.	4.	757.1	32.2	1
2561	0	388	37.2856	88.1225	-808.2	MCL	3.62	2.88	0.66	0.795	4.371	5.499	1089.	53.	3.	757.6	32.2	1
2562	10	396	37.2856	88.1218	-804.2	MCL	3.59	0.12	0.65	0.0	0.0	5.558	1029.	37.	4.	758.7	32.2	1
2563	0	432	37.2856	88.1210	-804.0	MCL	3.93	2.44	0.75	0.620	3.250	5.241	973.	38.	1.	758.1	32.2	1
2564	0	444	37.2856	88.1203	-803.5	MCL	4.88	2.10	0.65	0.430	3.216	7.485	907.	34.	0.	756.1	32.2	1
2565	10	468	37.2856	88.1196	-801.5	MCL	4.23	0.34	0.63	0.0	0.0	6.664	898.	49.	1.	755.0	32.2	1
2566	0	496	37.2856	88.1190	-800.0	MCL	4.89	2.04	0.84	0.418	2.421	5.796	1062.	46.	1.	755.5	32.2	1
2567	0	452	37.2856	88.1183	-797.2	MCL	3.57	3.00	0.71	0.841	4.227	5.027	1060.	40.	2.	756.6	32.3	1
2568	0	404	37.2856	88.1176	-794.7	MCL	3.07	2.60	0.75	0.845	3.453	4.086	986.	42.	1.	757.6	32.3	1
2569	0	384	37.2856	88.1168	-794.0	MCL	5.40	2.13	0.79	0.395	2.711	6.867	1089.	41.	2.	757.1	32.2	1
2570	0	384	37.2856	88.1161	-793.2	MCL	6.60	1.72	0.97	0.260	1.766	6.789	1364.	35.	5.	756.1	32.3	1
2571	0	372	37.2856	88.1154	-789.7	MCL	6.19	2.90	1.02	0.467	2.839	6.073	1466.	46.	2.	756.1	32.3	1
2572	0	372	37.2856	88.1147	-788.0	MCL	7.46	2.53	0.83	0.339	3.036	8.955	1535.	47.	5.	756.1	32.2	1
2573	0	372	37.2856	88.1139	-787.5	MCL	8.28	1.87	1.29	0.226	1.454	6.426	1614.	33.	7.	757.1	32.2	1
2574	10	376	37.2856	88.1132	-785.0	MCL	8.70	0.71	1.28	0.0	0.0	6.793	1554.	42.	8.	757.1	32.2	1
2575	0	380	37.2856	88.1125	-783.0	MCL	6.92	2.86	1.08	0.413	2.648	6.415	1509.	60.	4.	756.6	32.2	1
2576	0	384	37.2856	88.1118	-782.7	MCL	6.64	2.34	0.81	0.352	2.871	8.160	1456.	33.	6.	755.5	32.2	1
2577	0	384	37.2856	88.1111	-778.2	MCL	6.32	1.88	1.10	0.298	1.713	5.754	1452.	36.	5.	755.0	32.2	1
2578	0	368	37.2856	88.1103	-775.0	MCL	6.73	1.77	0.88	0.263	2.004	7.629	1291.	43.	4.	757.1	32.2	1
2579	10	384	37.2856	88.1096	-774.0	MCL	7.38	1.18	0.95	0.0	0.0	7.756	1308.	46.	6.	758.1	32.2	1
2580	0	392	37.2856	88.1089	-773.2	MCL	5.41	2.43	1.08	0.449	2.247	5.003	1393.	40.	1.	756.1	32.2	1
2581	0	408	37.2856	88.1082	-774.2	MCL	8.02	1.48	1.03	0.185	1.433	7.759	1413.	50.	0.	756.1	32.3	1
2582	0	436	37.2856	88.1075	-775.7	MCL	6.52	3.38	1.04	0.518	3.259	6.291	1463.	37.	1.	757.1	32.3	1
2583	0	444	37.2856	88.1067	-774.7	MCL	6.51	3.22	0.95	0.494	3.382	6.841	1440.	42.	0.	756.6	32.3	1
2584	0	452	37.2856	88.1061	-772.0	MCL	6.46	2.83	1.14	0.439	2.483	5.659	1424.	30.	0.	755.5	32.3	1
2585	0	452	37.2856	88.1054	-770.0	MCL	6.21	2.57	0.91	0.414	2.837	6.857	1305.	39.	0.	754.5	32.3	1
2586	10	436	37.2856	88.1048	-769.5	MCL	8.72	1.12	1.11	0.0	0.0	7.888	1376.	34.	0.	755.5	32.3	1
2587	0	420	37.2856	88.1040	-768.5	MCL	6.19	1.44	1.10	0.232	1.303	5.614	1300.	38.	0.	756.6	32.3	1
2588	0	404	37.2856	88.1034	-765.2	MCL	6.10	2.02	0.89	0.331	2.279	6.880	1207.	31.	0.	756.6	32.3	1
2589	0	424	37.2856	88.1027	-762.7	MCL	6.86	2.02	0.80	0.295	2.533	8.600	1163.	40.	0.	755.0	32.3	1
2590	0	364	37.2856	88.1020	-761.7	MCL	4.00	1.70	0.68	0.426	2.502	5.872	961.	35.	0.	754.5	32.2	1
2591	10	332	37.2856	88.1014	-760.7	MCL	3.06	0.77	0.78	0.0	0.0	3.938	949.	36.	3.	754.5	32.2	1
2592	0	312	37.2856	88.1007	-760.0	MCL	6.01	1.13	0.87	0.188	1.308	6.948	1099.	45.	2.	755.5	32.1	1
2593	10	340	37.2856	88.1000	-757.5	MCL	7.06	0.93	1.04	0.0	0.0	6.783	1350.	39.	5.	755.5	32.1	1
2594	0	340	37.2856	88.0993	-754.5	MCL	8.15	1.51	1.08	0.185	1.389	7.518	1519.	42.	2.	754.0	32.1	1
2595	0	344	37.2856	88.0986	-754.5	MCL	6.83	3.44	0.84	0.504	4.106	8.147	1514.	48.	4.	753.0	32.0	1
2596	0	352	37.2856	88.0980	-755.7	MCL	10.28	3.16	0.88	0.308	3.582	11.644	1598.	38.	4.	755.0	31.9	1
2597	0	360	37.2856	88.0973	-753.7	MCL	8.28	2.77	1.05	0.334	2.632	7.873	1554.	40.	3.	756.1	32.0	1

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ID	TAGS QUAL	ALT	LAT	LOCATION LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2598	0	360	37.2856	88.0966	-752.2	MCL	7.90	2.69	0.89	0.340	3.009	8.857	1515.	38.	3.	753.5	32.0	1
2599	0	328	37.2856	88.0960	-750.2	MCL	6.76	2.06	0.73	0.304	2.810	9.239	1321.	31.	3.	752.4	32.0	1
2600	0	380	37.2856	88.0952	-748.0	MCL	5.86	4.40	0.93	0.750	4.733	6.309	1474.	46.	1.	754.5	31.9	1
2601	0	400	37.2855	88.0946	-747.0	MCL	7.77	1.79	0.92	0.231	1.944	8.424	1479.	36.	2.	755.5	31.9	1
2602	0	396	37.2856	88.0939	-746.2	MCL	7.24	3.18	1.02	0.440	3.128	7.115	1503.	28.	0.	754.5	31.9	1
2603	0	404	37.2855	88.0932	-745.0	MCL	6.04	2.86	1.24	0.474	2.314	4.888	1497.	51.	1.	753.5	31.9	1
2604	0	412	37.2855	88.0926	-742.7	MCL	8.65	3.37	1.26	0.390	2.677	6.863	1563.	37.	0.	753.5	31.9	1
2605	0	424	37.2855	88.0920	-741.0	MCL	5.76	2.45	1.16	0.425	2.117	4.981	1509.	49.	4.	754.5	31.9	1
2606	0	428	37.2855	88.0913	-739.5	MCL	7.47	2.41	1.17	0.323	2.060	6.376	1604.	37.	2.	755.5	31.9	1
2607	10	428	37.2855	88.0906	-737.5	MCL	7.08	0.97	1.28	0.0	0.0	5.519	1453.	45.	9.	754.5	31.9	1
2608	0	440	37.2855	88.0899	-735.7	MCL	7.41	1.97	1.21	0.266	1.633	6.138	1456.	44.	6.	753.5	31.9	1
2609	0	440	37.2855	88.0892	-735.5	MCL	8.23	1.95	1.12	0.237	1.739	7.329	1603.	39.	5.	753.5	31.9	1
2610	0	432	37.2855	88.0886	-735.5	MCU	6.95	3.00	1.22	0.432	2.468	5.713	1557.	42.	2.	755.5	31.8	1
2611	0	420	37.2855	88.0879	-732.0	MCU	9.21	1.87	1.07	0.203	1.759	8.643	1632.	37.	6.	754.5	31.9	1
2612	0	424	37.2855	88.0872	-728.5	MCU	8.77	2.67	1.08	0.304	2.462	8.093	1538.	42.	5.	751.4	31.8	1
2613	0	424	37.2855	88.0866	-728.2	MCU	6.47	2.78	1.09	0.430	2.562	5.957	1668.	34.	9.	753.5	31.8	1
2614	0	412	37.2855	88.0858	-727.5	MCU	7.92	2.65	1.30	0.335	2.038	6.087	1651.	40.	5.	755.5	31.9	1
2615	10	388	37.2855	88.0852	-725.5	MCU	8.06	1.12	1.38	0.0	0.0	5.830	1616.	43.	5.	753.5	31.8	1
2616	0	368	37.2855	88.0845	-724.2	MCU	9.06	2.12	1.27	0.234	1.666	7.128	1640.	45.	2.	752.4	31.8	1
2617	0	368	37.2855	88.0838	-721.7	MCU	7.43	3.44	1.02	0.463	3.357	7.258	1581.	39.	3.	754.5	31.8	1
2618	0	372	37.2855	88.0832	-720.0	MCU	7.65	3.39	0.82	0.443	4.114	9.279	1539.	58.	0.	754.5	31.8	1
2619	0	380	37.2855	88.0825	-719.0	MCU	6.04	3.86	1.11	0.639	3.492	5.467	1666.	46.	4.	752.4	31.8	1
2620	0	384	37.2855	88.0818	-717.0	MCU	9.72	3.67	1.13	0.377	3.255	8.626	1584.	48.	0.	753.5	31.8	1
2621	0	388	37.2854	88.0812	-714.5	MCU	8.86	3.39	0.92	0.383	3.672	9.579	1609.	45.	0.	754.5	31.9	1
2622	10	400	37.2854	88.0805	-713.7	MCU	10.96	1.44	1.16	0.0	0.0	9.454	1632.	51.	6.	753.5	31.9	1
2623	0	408	37.2854	88.0798	-712.2	MCU	5.89	4.00	1.10	0.678	3.642	5.371	1652.	44.	6.	753.5	32.0	1
2624	0	404	37.2854	88.0791	-711.2	MCU	7.86	2.58	1.26	0.329	2.053	6.246	1645.	50.	3.	754.5	32.0	1
2625	0	408	37.2854	88.0785	-708.5	MCU	5.82	2.73	1.06	0.469	2.567	5.471	1519.	30.	5.	754.5	32.0	1
2626	0	412	37.2854	88.0778	-706.7	MCU	8.70	2.10	1.12	0.241	1.869	7.750	1506.	37.	0.	753.5	31.9	1
2627	0	404	37.2854	88.0771	-706.7	MCU	7.67	3.25	1.06	0.423	3.058	7.226	1448.	51.	2.	754.5	32.0	1
2628	0	408	37.2854	88.0765	-704.2	MCU	8.31	2.13	1.15	0.256	1.856	7.241	1508.	57.	0.	755.0	32.0	1
2629	0	420	37.2854	88.0757	-702.7	MCU	7.03	3.25	0.99	0.462	3.295	7.128	1537.	36.	3.	753.0	32.1	1
2630	0	432	37.2854	88.0751	-702.5	MCU	8.34	3.32	0.99	0.398	3.357	8.438	1564.	42.	0.	753.0	32.0	1
2631	0	436	37.2854	88.0744	-701.7	MCU	4.68	3.29	1.10	0.704	3.002	4.266	1510.	47.	1.	755.0	32.1	1
2632	0	440	37.2854	88.0737	-700.5	MCU	6.30	2.81	1.18	0.445	2.377	5.341	1476.	45.	2.	754.0	32.0	1
2633	0	448	37.2854	88.0731	-698.5	MCU	7.42	1.75	1.03	0.236	1.702	7.206	1504.	40.	0.	751.9	32.0	1
2634	0	448	37.2854	88.0724	-696.7	MCU	7.94	3.39	1.05	0.427	3.220	7.547	1533.	48.	0.	754.5	32.0	1
2635	0	444	37.2854	88.0717	-694.5	MCU	6.04	2.54	1.27	0.421	2.001	4.749	1509.	50.	0.	755.5	32.0	1
2636	0	440	37.2854	88.0710	-693.0	MCU	6.28	3.44	1.10	0.547	3.116	5.696	1499.	42.	0.	752.4	32.0	1
2637	0	444	37.2854	88.0703	-691.5	MCU	6.48	2.72	1.17	0.420	2.319	5.525	1459.	40.	0.	753.5	32.0	1
2638	0	448	37.2854	88.0697	-691.5	MCU	6.37	3.91	0.88	0.614	4.429	7.214	1466.	43.	0.	755.5	32.0	1
2639	0	448	37.2854	88.0690	-689.2	MCU	8.06	2.58	1.11	0.320	2.321	7.249	1507.	42.	0.	754.5	32.0	1
2640	0	456	37.2854	88.0683	-687.0	MCU	11.06	1.74	1.09	0.157	1.602	10.189	1483.	30.	0.	753.5	32.0	1
2641	0	448	37.2853	88.0677	-684.2	MCU	9.00	2.62	1.19	0.291	2.191	7.536	1606.	33.	0.	755.5	32.0	1
2642	0	428	37.2853	88.0670	-684.2	MCU	7.67	3.87	1.25	0.505	3.106	6.152	1546.	38.	0.	755.0	32.0	1
2643	0	420	37.2853	88.0663	-683.2	MCU	8.03	2.23	1.10	0.278	2.030	7.308	1424.	45.	1.	753.0	32.0	1
2644	10	424	37.2853	88.0657	-679.5	MCU	6.50	0.31	1.20	0.0	0.0	5.410	1486.	42.	7.	754.0	32.0	1
2645	0	436	37.2853	88.0649	-678.5	MCU	8.76	1.61	1.20	0.184	1.345	7.317	1544.	45.	8.	754.0	32.0	1
2646	10	432	37.2853	88.0643	-677.2	MCU	7.32	0.19	1.20	0.0	0.0	6.088	1428.	53.	9.	752.4	32.0	1
2647	0	400	37.2853	88.0637	-675.5	MCU	7.48	2.37	0.84	0.317	2.812	8.873	1427.	42.	7.	753.5	32.0	1
2648	10	420	37.2853	88.0630	-674.5	MCU	8.86	1.33	1.23	0.0	0.0	7.194	1449.	49.	5.	754.5	32.0	1
2649	0	436	37.2853	88.0623	-673.2	MCU	6.95	3.43	0.74	0.493	4.633	9.404	1470.	39.	5.	753.5	32.0	1
2650	10	432	37.2853	88.0617	-672.2	MCU	7.95	1.14	1.21	0.0	0.0	6.568	1512.	45.	6.	753.5	32.0	1

CP9 1P12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2651	0	424	37.2853	88.0609	-671.7		MCU	6.99	1.57	1.35	0.225	1.168	5.192	1415.	49.	2.	754.5	32.1	1
2652	0	424	37.2853	88.0603	-670.5		MCU	7.09	1.94	1.00	0.273	1.942	7.104	1343.	50.	2.	752.4	32.0	1
2653	0	412	37.2853	88.0596	-668.2		MCU	6.94	1.39	1.13	0.200	1.228	6.151	1338.	40.	0.	753.5	32.0	1
2654	0	416	37.2853	88.0589	-667.7		MCU	6.64	2.48	0.79	0.373	3.115	8.350	1327.	32.	0.	754.5	32.0	1
2655	0	452	37.2853	88.0583	-665.2		MCU	4.60	3.79	0.90	0.823	4.214	5.121	1318.	38.	0.	752.4	32.0	1
2656	10	472	37.2853	88.0575	-663.7		MCU	7.47	1.38	1.11	0.0	0.0	6.752	1465.	38.	2.	753.5	32.0	1
2657	0	464	37.2853	88.0569	-662.7		MCU	6.17	1.94	0.87	0.314	2.239	7.121	1411.	50.	1.	754.5	32.0	1
2658	0	460	37.2853	88.0562	-661.7		MCU	7.97	2.65	1.06	0.333	2.492	7.486	1476.	35.	2.	752.4	32.0	1
2659	0	448	37.2853	88.0555	-660.5		MCU	7.31	2.80	0.89	0.383	3.146	8.222	1487.	47.	4.	754.5	32.0	1
2660	0	436	37.2852	88.0549	-659.7		MCU	6.83	2.97	1.26	0.436	2.362	5.420	1525.	39.	3.	754.5	32.0	1
2661	0	440	37.2852	88.0542	-658.7		MCU	7.65	2.51	1.03	0.328	2.438	7.434	1495.	40.	3.	752.4	32.0	1
2662	0	452	37.2852	88.0535	-656.5		MCU	6.89	2.67	0.94	0.387	2.831	7.322	1573.	38.	2.	754.5	31.9	1
2663	10	456	37.2853	88.0529	-655.2		MCU	9.03	1.10	1.41	0.0	0.0	6.411	1557.	42.	4.	754.0	32.0	1
2664	10	464	37.2853	88.0522	-655.2		MCU	9.38	0.76	1.41	0.0	0.0	6.666	1649.	42.	5.	753.0	32.0	1
2665	0	452	37.2853	88.0515	-654.0		MCU	7.33	2.87	1.17	0.392	2.446	6.247	1611.	39.	0.	754.0	32.0	1
2666	0	440	37.2853	88.0508	-649.7		MCU	7.57	2.88	1.27	0.380	2.267	5.965	1741.	35.	0.	753.0	32.0	1
2667	0	416	37.2853	88.0502	-647.2		MCU	9.10	2.18	1.23	0.239	1.766	7.384	1628.	37.	0.	753.5	32.0	1
2668	0	404	37.2853	88.0495	-648.7		MCU	7.28	2.12	1.29	0.291	1.641	5.632	1554.	42.	1.	755.0	32.0	1
2669	0	404	37.2853	88.0488	-647.2		MCU	8.98	2.53	1.14	0.281	2.225	7.907	1561.	49.	0.	753.5	32.0	1
2670	0	408	37.2852	88.0482	-645.2		MCU	8.23	1.54	1.09	0.188	1.412	7.522	1451.	39.	0.	754.0	32.0	1
2671	0	408	37.2852	88.0475	-645.7		MCU	5.74	4.21	0.80	0.734	5.294	7.216	1557.	30.	0.	754.5	32.0	1
2672	0	412	37.2852	88.0468	-644.0		MCU	6.49	3.45	0.67	0.532	5.116	9.610	1434.	43.	3.	753.0	32.1	1
2673	0	420	37.2852	88.0461	-641.7		MCU	7.33	2.96	0.79	0.404	3.768	9.335	1411.	49.	2.	752.4	32.1	1
2674	0	436	37.2852	88.0454	-643.0		MCU	4.40	2.79	0.95	0.633	2.943	4.648	1316.	44.	5.	751.9	32.1	1
2675	0	436	37.2852	88.0448	-641.2		MCU	5.58	1.96	1.05	0.352	1.864	5.301	1324.	38.	7.	753.5	32.2	1
2676	10	436	37.2852	88.0441	-639.2		MCU	7.79	0.94	1.11	0.0	0.0	7.033	1288.	41.	6.	754.0	32.1	1
2677	0	440	37.2852	88.0434	-640.5		MCU	6.81	2.06	0.72	0.303	2.877	9.502	1239.	31.	5.	753.5	32.1	1
2678	10	440	37.2852	88.0427	-640.2		MCU	5.18	1.02	0.67	0.0	0.0	7.713	1171.	38.	6.	753.5	32.0	1
2679	10	444	37.2852	88.0421	-636.7		MCU	5.41	0.85	0.68	0.0	0.0	7.934	1120.	40.	9.	753.5	32.0	1
2680	0	452	37.2852	88.0414	-635.0		MCU	6.09	1.66	0.83	0.273	2.004	7.335	1218.	33.	3.	753.0	32.0	1
2681	0	464	37.2852	88.0407	-634.7		MCU	6.99	2.79	0.63	0.399	4.403	11.027	1173.	35.	1.	753.0	32.0	1
2682	10	488	37.2852	88.0400	-633.0		MCU	8.33	0.95	0.73	0.0	0.0	11.478	1214.	42.	1.	753.5	31.9	1
2683	10	480	37.2852	88.0394	-631.0		MCU	5.57	1.40	1.00	0.0	0.0	5.556	1190.	43.	2.	753.5	31.9	1
2684	0	452	37.2852	88.0387	-632.2		MCU	7.16	2.38	0.78	0.333	3.067	9.207	1248.	50.	0.	752.4	31.9	1
2685	0	476	37.2852	88.0380	-631.2		MCU	4.69	2.44	1.28	0.520	1.901	3.660	1332.	51.	0.	753.0	31.9	1
2686	0	488	37.2852	88.0374	-630.7		MCU	6.57	2.17	1.11	0.330	1.954	5.922	1420.	44.	1.	754.0	31.9	1
2687	0	492	37.2852	88.0367	-629.5		MCU	8.20	2.02	0.92	0.246	2.201	8.944	1473.	46.	0.	753.5	31.9	1
2688	0	496	37.2852	88.0360	-628.0		MCU	9.37	2.40	1.03	0.256	2.320	9.078	1479.	58.	0.	753.5	31.9	1
2689	10	492	37.2852	88.0354	-626.5		MCU	7.57	0.77	1.00	0.0	0.0	7.542	1331.	57.	2.	753.0	31.9	1
2690	0	496	37.2852	88.0347	-626.2		MCU	6.11	2.10	1.08	0.343	1.934	5.637	1392.	36.	7.	753.5	31.9	1
2691	0	508	37.2851	88.0340	-625.2		MCU	8.50	2.00	0.92	0.235	2.165	9.201	1399.	35.	0.	754.0	31.9	1
2692	0	520	37.2851	88.0334	-624.7		MCU	7.54	2.39	1.13	0.317	2.120	6.683	1484.	46.	3.	753.5	31.9	1
2693	10	524	37.2851	88.0326	-624.0		MCU	7.22	1.53	1.12	0.0	0.0	6.452	1442.	43.	2.	753.0	31.9	1
2694	0	528	37.2851	88.0320	-624.0		MCU	6.82	4.16	0.76	0.610	5.481	8.985	1364.	50.	4.	753.5	31.9	1
2695	10	548	37.2851	88.0313	-623.5		MCU	6.44	1.34	1.04	0.0	0.0	6.189	1394.	49.	1.	753.5	31.9	1
2696	0	536	37.2851	88.0306	-623.0		MCU	5.80	2.61	1.07	0.450	2.434	5.409	1488.	51.	1.	754.0	31.9	1
2697	0	516	37.2851	88.0300	-622.0		MCU	7.62	3.16	1.28	0.415	2.462	5.936	1441.	46.	0.	754.5	31.9	1
2698	10	488	37.2851	88.0292	-620.7		MCU	9.71	1.53	1.07	0.0	0.0	9.042	1446.	41.	0.	754.0	31.9	1
2699	0	480	37.2851	88.0286	-620.0		MCU	6.18	1.66	0.96	0.269	1.727	6.424	1305.	53.	5.	753.0	32.0	1
2700	0	496	37.2851	88.0279	-619.5		MCU	6.51	3.16	1.22	0.486	2.594	5.332	1486.	41.	5.	754.0	32.0	1
2701	10	520	37.2851	88.0272	-619.0		MCU	8.43	1.62	1.07	0.0	0.0	7.897	1490.	48.	4.	754.0	32.0	1
2702	0	520	37.2851	88.0266	-616.2		MCU	7.16	1.76	1.03	0.246	1.704	6.942	1429.	44.	3.	753.5	31.9	1
2703	10	528	37.2851	88.0258	-614.5		MCU	6.75	1.13	1.10	0.0	0.0	6.151	1400.	38.	1.	754.0	32.0	1

* TAGS *				* LOCATION *			REDUCED DATA											
* ID	QUAL	ALT	'AT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
2704	10	544	37.2851	88.0252	-615.2	MCU	8.58	1.23	1.08	0.0	0.0	7.916	1463.	51.	1.	753.5	32.0	1
2705	10	536	37.2850	88.0246	-616.2	MCU	9.06	1.50	1.13	0.0	0.0	7.992	1461.	46.	2.	753.0	32.0	1
2706	0	532	37.2850	88.0238	-614.7	MCU	7.64	3.78	0.95	0.494	3.986	8.065	1495.	32.	0.	753.5	31.9	1
2707	0	544	37.2850	88.0232	-614.0	MCU	7.13	3.52	0.96	0.493	3.662	7.427	1383.	45.	0.	753.5	32.0	1
2708	0	564	37.2850	88.0226	-613.2	MCU	8.08	2.89	0.95	0.358	3.039	8.490	1442.	38.	0.	753.0	32.0	1
2709	10	576	37.2850	88.0219	-613.0	MCU	8.59	1.14	1.08	0.0	0.0	7.934	1358.	32.	0.	753.5	32.0	1
2710	0	596	37.2850	88.0212	-612.5	MCU	4.19	2.71	1.30	0.648	2.081	3.213	1305.	43.	0.	754.0	31.9	1
2711	0	604	37.2850	88.0205	-611.7	MCU	6.56	2.35	0.85	0.359	2.778	7.739	1243.	46.	0.	753.5	31.9	1
2712	0	500	37.2850	88.0199	-610.0	MCU	5.73	2.21	0.74	0.385	2.972	7.715	1186.	38.	1.	753.5	31.9	1
2713	0	448	37.2850	88.0192	-610.0	MCU	4.15	1.86	0.66	0.449	2.808	6.248	1009.	43.	0.	753.5	31.9	1
2714	10	440	37.2850	88.0185	-608.2	MCU	6.35	1.02	0.86	0.0	0.0	7.360	1154.	43.	4.	753.5	31.9	1
2715	10	452	37.2850	88.0178	-608.0	MCU	7.01	1.20	1.08	0.0	0.0	6.491	1264.	52.	1.	754.0	31.9	1
2716	0	460	37.2850	88.0172	-607.7	MCU	5.43	2.74	0.92	0.505	2.979	5.897	1397.	34.	7.	754.0	31.9	1
2717	0	468	37.2850	88.0165	-606.7	MCU	6.83	1.65	1.09	0.241	1.516	6.288	1405.	45.	7.	753.5	31.9	1
2718	0	464	37.2850	88.0158	-607.2	MCU	7.52	1.93	1.00	0.257	1.935	7.521	1367.	49.	4.	754.0	31.9	1
2719	0	464	37.2850	88.0151	-609.0	MCU	7.56	3.31	1.03	0.438	3.211	7.329	1479.	43.	5.	755.0	31.9	1
2720	0	472	37.2850	88.0144	-606.0	MCU	7.88	2.59	0.76	0.329	3.401	10.344	1463.	39.	5.	754.0	31.9	1
2721	0	476	37.2850	88.0138	-605.5	MCU	6.17	2.36	1.10	0.382	2.143	5.611	1462.	42.	5.	753.5	31.9	1
2722	0	472	37.2850	88.0131	-607.0	MCU	6.52	3.16	1.16	0.484	2.725	5.627	1444.	45.	4.	754.5	31.9	1
2723	10	472	37.2850	88.0124	-604.2	MCU	9.76	1.27	0.96	0.0	0.0	10.195	1479.	37.	5.	754.5	31.9	1
2724	0	472	37.2850	88.0118	-605.0	MCU	7.10	3.11	1.00	0.438	3.122	7.127	1516.	37.	1.	754.5	31.9	1
2725	0	472	37.2850	88.0111	-604.7	MCU	7.02	3.14	1.03	0.447	3.058	6.845	1502.	34.	3.	753.5	31.9	1
2726	0	472	37.2850	88.0104	-603.2	MCU	6.64	2.19	1.02	0.330	2.138	6.478	1387.	43.	3.	753.5	31.9	1
2727	0	472	37.2850	88.0097	-602.5	MCU	7.89	2.39	0.83	0.303	2.877	9.486	1506.	32.	3.	753.5	31.9	1
2728	0	456	37.2849	88.0091	-603.0	MCU	6.64	2.31	1.04	0.347	2.216	6.381	1416.	39.	3.	753.0	31.9	1
2729	0	480	37.2849	88.0084	-601.2	MCU	7.41	3.86	0.80	0.521	4.802	9.225	1422.	31.	0.	753.0	31.9	1
2730	0	504	37.2849	88.0077	-602.2	MCU	5.91	1.79	0.85	0.303	2.106	6.961	1394.	54.	5.	753.5	31.9	1
2731	10	492	37.2849	88.0070	-602.5	MCU	5.74	1.18	1.21	0.0	0.0	4.729	1354.	43.	0.	753.5	31.9	1
2732	0	496	37.2849	88.0064	-602.0	MCU	9.60	1.96	0.94	0.204	2.078	10.187	1321.	33.	2.	753.0	31.9	1
2733	0	484	37.2849	88.0057	-600.7	MCU	6.80	1.68	0.74	0.247	2.265	9.185	1295.	35.	0.	753.0	31.8	1
2734	0	480	37.2849	88.0051	-602.0	MCU	5.32	3.23	0.83	0.606	3.887	6.411	1326.	47.	3.	753.5	31.9	1
2735	0	512	37.2849	88.0043	-599.2	MCU	7.35	2.88	0.98	0.392	2.927	7.470	1417.	43.	0.	754.5	31.9	1
2736	0	524	37.2849	88.0037	-599.0	MCU	6.71	2.85	0.99	0.425	2.889	6.791	1452.	33.	0.	754.5	32.0	1
2737	0	532	37.2849	88.0030	-600.0	MCU	6.98	1.93	1.23	0.276	1.572	5.692	1480.	43.	0.	753.5	31.9	1
2738	0	532	37.2849	88.0023	-599.2	MCU	6.65	3.43	0.93	0.516	3.674	7.126	1381.	51.	0.	753.5	31.8	1
2739	0	524	37.2849	88.0017	-597.7	MCU	6.68	2.34	1.12	0.350	2.088	5.959	1483.	41.	0.	753.5	31.9	1
2740	0	524	37.2849	88.0010	-597.5	MCU	10.50	2.60	0.73	0.247	3.547	14.339	1461.	41.	0.	753.5	31.9	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	REDUCED DATA U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1	0	360	37.1947	88.0011	-868.5		MCL	7.08	3.32	0.78	0.469	4.273	9.120	1472.	41.	6.	754.0	25.5	1
2	0	372	37.1947	88.0018	-867.0		MCL	7.25	3.05	0.94	0.420	3.232	7.691	1507.	43.	6.	753.5	25.4	1
3	0	384	37.1947	88.0025	-866.5		MCL	7.33	3.08	0.89	0.420	3.446	8.196	1485.	40.	0.	753.0	25.4	1
4	0	388	37.1947	88.0032	-867.7		MCL	6.53	2.34	0.96	0.359	2.434	6.778	1377.	34.	0.	753.5	25.4	1
5	0	396	37.1947	88.0039	-865.5		MCL	6.20	2.89	0.91	0.466	3.165	6.786	1362.	54.	0.	753.5	25.3	1
6	0	388	37.1947	88.0046	-863.0		MCL	6.74	1.87	0.82	0.277	2.277	8.224	1285.	42.	0.	753.5	25.3	1
7	0	412	37.1947	88.0054	-866.5		MCL	5.10	1.62	0.98	0.317	1.645	5.190	1211.	48.	0.	754.0	25.3	1
8	0	416	37.1948	88.0060	-865.7		MCL	7.67	3.35	0.68	0.436	4.914	11.268	1333.	44.	0.	754.0	25.3	1
9	0	416	37.1948	88.0067	-864.5		MCL	4.21	2.78	1.00	0.662	2.796	4.222	1245.	48.	0.	753.5	25.3	1
10	0	440	37.1948	88.0074	-864.5		MCL	6.81	2.79	1.10	0.410	2.543	6.202	1372.	50.	0.	754.0	25.3	1
11	0	436	37.1948	88.0080	-864.5		MCL	7.57	3.85	0.82	0.509	4.707	9.247	1445.	35.	0.	754.5	25.3	1
12	0	460	37.1948	88.0088	-865.0		MCL	7.99	3.50	1.17	0.438	3.002	6.845	1522.	40.	0.	753.5	25.3	1
13	0	448	37.1948	88.0095	-865.5		MCL	5.80	3.78	1.06	0.653	3.574	5.476	1487.	45.	0.	753.0	25.3	1
14	0	440	37.1948	88.0101	-865.0		MCL	6.64	2.16	1.16	0.326	1.868	5.739	1347.	39.	0.	754.0	25.3	1
15	0	416	37.1949	88.0109	-864.5		MM	5.73	2.79	0.83	0.487	3.362	6.898	1191.	45.	0.	754.5	25.3	1
16	0	364	37.1949	88.0116	-864.7		MM	3.91	2.29	0.58	0.586	3.943	6.727	924.	43.	2.	754.5	25.3	1
17	10	368	37.1949	88.0122	-864.2		MM	5.37	0.77	0.31	0.0	0.0	17.166	782.	42.	3.	754.5	25.3	1
18	10	420	37.1949	88.0130	-864.2		MM	5.25	1.00	0.61	0.0	0.0	8.598	955.	24.	4.	754.5	25.3	1
19	0	444	37.1949	88.0137	-864.7		MM	3.56	2.25	0.58	0.631	3.862	6.118	976.	42.	4.	755.0	25.4	1
20	0	444	37.1949	88.0143	-864.7		MM	4.94	3.47	0.47	0.702	7.418	10.563	1061.	48.	4.	755.0	25.4	1
21	0	468	37.1949	88.0150	-864.5		MM	5.09	2.24	0.76	0.440	2.955	6.712	1234.	46.	7.	755.5	25.4	1
22	0	484	37.1950	88.0157	-864.7		MM	6.60	2.07	0.70	0.313	2.939	9.385	1333.	37.	9.	756.1	25.5	1
23	0	504	37.1950	88.0164	-864.7		MM	5.62	3.47	1.34	0.617	2.584	4.186	1440.	34.	3.	755.5	25.5	1
24	0	532	37.1950	88.0171	-864.0		MM	7.66	2.41	0.95	0.315	2.537	8.051	1441.	38.	4.	756.1	25.5	1
25	0	532	37.1950	88.0178	-864.5		MM	8.56	1.79	1.21	0.209	1.476	7.058	1524.	47.	0.	756.1	25.5	1
26	0	532	37.1950	88.0185	-865.0		MM	6.18	2.34	1.20	0.379	1.951	5.147	1639.	36.	3.	755.5	25.5	1
27	0	528	37.1951	88.0192	-864.2		MM	7.33	3.27	1.47	0.446	2.231	5.002	1686.	45.	0.	757.1	25.6	1
28	0	524	37.1951	88.0199	-864.0		MM	6.71	3.37	1.05	0.501	3.212	6.406	1510.	38.	0.	757.6	25.6	1
29	0	516	37.1951	88.0206	-864.0		MM	7.07	5.10	1.13	0.722	4.498	6.233	1591.	47.	0.	756.6	25.6	1
30	0	512	37.1951	88.0213	-864.7		MM	5.88	2.92	1.42	0.496	2.056	4.144	1482.	50.	0.	756.1	25.7	1
31	0	516	37.1951	88.0220	-864.5		MM	7.25	2.56	1.42	0.354	1.806	5.105	1600.	41.	0.	756.1	25.7	1
32	0	516	37.1952	88.0226	-865.7		MM	8.38	2.68	1.25	0.320	2.141	6.692	1579.	45.	0.	757.6	25.7	1
33	0	516	37.1952	88.0233	-865.5		MM	7.11	2.68	1.39	0.377	1.933	5.135	1528.	55.	0.	757.1	25.8	1
34	0	516	37.1952	88.0240	-865.5		MM	6.07	2.92	1.04	0.481	2.816	5.850	1528.	41.	4.	755.5	25.8	1
35	10	516	37.1952	88.0247	-865.2		MM	5.79	1.54	1.56	0.0	0.0	3.724	1578.	41.	2.	756.6	25.9	1
36	0	516	37.1952	88.0254	-865.0		MM	5.35	1.81	1.31	0.338	1.378	4.077	1554.	36.	3.	757.1	25.9	1
37	0	512	37.1953	88.0261	-863.7		MM	7.75	3.31	1.36	0.427	2.438	5.711	1610.	34.	1.	756.1	25.9	1
38	0	508	37.1953	88.0268	-864.0		MM	8.66	1.75	1.47	0.202	1.194	5.901	1664.	32.	1.	757.1	25.9	1
39	0	504	37.1953	88.0275	-864.0		MM	7.27	4.51	1.30	0.621	3.458	5.567	1660.	35.	2.	757.6	25.9	1
40	10	504	37.1953	88.0282	-863.2		MM	7.97	1.00	1.16	0.0	0.0	6.847	1602.	36.	5.	756.1	25.9	1
41	0	512	37.1953	88.0289	-863.5		MM	8.20	3.83	1.18	0.467	3.240	6.941	1671.	46.	5.	756.6	25.9	1
42	0	516	37.1954	88.0296	-863.7		MM	10.12	2.66	1.13	0.263	2.365	8.990	1685.	36.	4.	757.1	25.9	1
43	0	516	37.1954	88.0303	-863.5		MM	6.75	3.21	1.52	0.475	2.112	4.447	1748.	48.	4.	756.6	25.9	1
44	10	508	37.1954	88.0309	-863.0		MM	11.39	0.99	1.30	0.0	0.0	8.768	1721.	32.	8.	757.6	25.9	1
45	0	496	37.1954	88.0317	-862.7		MM	8.54	2.58	1.03	0.302	2.499	8.266	1660.	39.	4.	757.6	25.9	1
46	0	488	37.1954	88.0323	-863.5		MM	7.74	1.88	1.56	0.243	1.207	4.974	1626.	41.	5.	757.6	25.9	1
47	0	476	37.1954	88.0330	-863.5		MM	8.17	2.90	1.08	0.354	2.691	7.598	1613.	44.	4	758.1	25.9	1
48	0	480	37.1954	88.0337	-862.7		MM	6.44	4.56	1.11	0.708	4.101	5.792	1628.	33.	2.	758.1	25.9	1
49	0	468	37.1954	88.0344	-864.0		MM	6.27	3.32	1.20	0.530	2.771	5.232	1511.	46.	1.	757.6	25.9	1
50	0	456	37.1954	88.0351	-864.0		MM	8.45	2.09	1.21	0.247	1.731	6.997	1526.	43.	3.	758.1	25.9	1
51	0	448	37.1954	88.0358	-863.5		MM	9.79	2.08	0.95	0.212	2.182	10.286	1622.	33.	4.	758.1	26.0	1
52	0	436	37.1955	88.0365	-864.0		MM	6.52	2.48	1.08	0.380	2.294	6.032	1542.	37.	6.	758.1	26.0	1
53	0	440	37.1955	88.0372	-864.2		MM	9.02	4.67	0.92	0.518	5.099	9.847	1699.	27.	0.	759.2	26.0	1

CP 9 LP 12

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
54	0	436	37.1955	88.0379	-865.5	MM	7.90	3.01	1.20	0.381	2.500	6.569	1713.	41.	2.	759.2	26.0	1
55	0	432	37.1955	88.0386	-865.2	MM	5.93	3.06	1.46	0.516	2.101	4.071	1741.	37.	5.	758.7	26.0	1
56	10	432	37.1955	88.0394	-865.7	MM	9.96	1.56	1.28	0.0	0.0	7.769	1677.	48.	5.	759.2	26.1	1
57	0	444	37.1955	88.0400	-865.7	MM	7.45	3.05	1.26	0.410	2.418	5.903	1660.	48.	6.	759.7	26.1	1
58	10	448	37.1956	88.0407	-867.5	MM	10.01	1.11	1.16	0.0	0.0	8.603	1684.	51.	1.	759.7	26.0	1
59	0	432	37.1956	88.0414	-867.2	MM	8.50	3.33	0.95	0.391	3.515	8.979	1629.	38.	1.	759.7	26.1	1
60	0	432	37.1956	88.0421	-866.2	MM	6.24	3.16	1.14	0.507	2.765	5.453	1626.	43.	7.	759.7	26.0	1
61	0	440	37.1956	88.0428	-867.0	MM	5.61	1.98	1.32	0.353	1.504	4.262	1635.	48.	8.	759.2	26.0	1
62	0	444	37.1956	88.0435	-867.0	MM	6.87	1.81	1.57	0.264	1.156	4.385	1695.	50.	7.	758.7	26.0	1
63	0	436	37.1957	88.0442	-867.5	MM	9.08	3.81	1.18	0.420	3.242	7.717	1718.	40.	5.	758.7	26.0	1
64	0	448	37.1957	88.0449	-867.2	MM	8.70	5.07	1.16	0.583	4.391	7.528	1723.	38.	4.	759.2	26.0	1
65	0	452	37.1957	88.0456	-868.2	MM	7.16	2.47	1.16	0.345	2.134	6.187	1628.	52.	9.	759.2	26.0	1
66	0	456	37.1957	88.0462	-868.2	MM	7.17	2.24	1.23	0.312	1.819	5.824	1650.	33.	12.	759.2	26.0	1
67	10	456	37.1957	88.0469	-868.7	MM	6.74	1.52	1.28	0.0	0.0	5.283	1633.	36.	13.	759.2	26.0	1
68	0	456	37.1958	88.0477	-869.0	MM	5.55	2.07	1.18	0.372	1.746	4.689	1567.	51.	12.	759.7	26.0	1
69	10	456	37.1958	88.0483	-868.5	MM	8.63	1.31	1.22	0.0	0.0	7.059	1701.	42.	13.	759.7	25.9	1
70	0	456	37.1958	88.0490	-869.0	MM	6.24	3.33	1.11	0.533	3.010	5.647	1681.	36.	14.	759.7	25.9	1
71	0	452	37.1958	88.0497	-869.2	MM	9.72	3.16	0.87	0.325	3.622	11.153	1606.	46.	11.	760.2	25.9	1
72	0	440	37.1958	88.0504	-870.2	MM	6.51	1.72	1.39	0.264	1.234	4.665	1699.	36.	12.	760.2	25.9	1
73	0	436	37.1958	88.0511	-869.2	MM	8.74	3.23	0.83	0.370	3.887	10.510	1627.	47.	12.	759.7	26.0	1
74	0	436	37.1958	88.0518	-869.5	MM	7.56	2.92	1.14	0.386	2.560	6.627	1664.	38.	10.	759.7	26.0	1
75	10	444	37.1958	88.0525	-870.5	MM	6.91	1.16	1.18	0.0	0.0	5.847	1632.	38.	13.	759.7	26.1	1
76	0	440	37.1959	88.0532	-869.7	MM	6.90	3.15	1.23	0.456	2.555	5.604	1695.	37.	10.	760.2	26.1	1
77	10	440	37.1959	88.0539	-869.2	MM	9.28	1.48	1.04	0.0	0.0	8.889	1629.	49.	8.	760.2	26.1	1
78	0	440	37.1959	88.0546	-872.0	MM	7.06	2.19	1.16	0.310	1.886	6.092	1582.	44.	8.	759.7	26.1	1
79	10	444	37.1959	88.0553	-870.5	MM	7.54	0.77	1.29	0.0	0.0	5.856	1604.	39.	10.	759.2	26.1	1
80	0	452	37.1959	88.0560	-870.5	MM	8.38	2.18	1.36	0.260	1.600	6.167	1652.	43.	6.	759.7	26.0	1
81	10	464	37.1959	88.0566	-872.2	MM	8.97	1.67	1.03	0.0	0.0	8.701	1751.	41.	7.	759.7	26.1	1
82	0	472	37.1960	88.0573	-873.5	MM	7.01	2.38	1.21	0.339	1.963	5.784	1610.	38.	7.	759.2	26.1	1
83	0	476	37.1960	88.0580	-874.2	MM	7.76	3.32	1.29	0.428	2.576	6.018	1682.	46.	3.	759.2	26.2	1
84	10	480	37.1960	88.0587	-873.7	MM	7.32	1.42	1.25	0.0	0.0	5.858	1610.	48.	8.	759.2	26.2	1
85	0	476	37.1960	88.0594	-873.5	MM	7.41	3.06	1.61	0.414	1.904	4.604	1691.	42.	8.	759.2	26.1	1
86	0	476	37.1960	88.0601	-873.7	MM	6.70	1.67	1.21	0.250	1.386	5.552	1512.	39.	8.	758.7	26.0	1
87	0	420	37.1960	88.0608	-874.5	MM	6.87	3.41	1.06	0.496	3.216	6.481	1416.	46.	3.	759.2	26.0	1
88	0	412	37.1961	88.0615	-874.7	MM	7.26	2.31	0.96	0.318	2.410	7.570	1354.	28.	5.	759.2	25.9	1
89	0	460	37.1961	88.0622	-875.5	MM	7.38	3.24	0.94	0.439	3.432	7.810	1552.	42.	4.	758.7	25.9	1
90	10	472	37.1961	88.0629	-876.0	MM	8.26	0.95	1.42	0.0	0.0	5.828	1666.	40.	4.	758.7	25.9	1
91	0	472	37.1961	88.0636	-875.2	MM	9.55	4.37	1.13	0.457	3.862	8.449	1744.	43.	0.	759.2	25.9	1
92	0	468	37.1961	88.0643	-876.5	MM	8.17	4.93	1.18	0.604	4.160	6.891	1686.	38.	1.	759.7	25.8	1
93	0	460	37.1962	88.0649	-877.2	MM	8.01	3.46	1.13	0.433	3.073	7.105	1699.	43.	3.	760.2	25.9	1
94	0	452	37.1962	88.0656	-877.0	MM	8.70	4.08	1.15	0.469	3.545	7.564	1811.	38.	0.	759.2	25.8	1
95	0	448	37.1962	88.0664	-877.5	MM	9.28	1.70	1.21	0.183	1.406	7.670	1647.	40.	1.	759.2	25.8	1
96	0	448	37.1962	88.0670	-879.0	MM	8.38	2.81	1.18	0.336	2.377	7.086	1709.	40.	3.	759.2	25.8	1
97	0	452	37.1962	88.0677	-879.2	MM	8.58	2.63	1.08	0.307	2.431	7.929	1607.	35.	0.	758.7	25.8	1
98	0	460	37.1963	88.0685	-878.5	MM	8.99	2.08	1.51	0.231	1.373	5.934	1655.	49.	3.	759.2	25.8	1
99	0	468	37.1963	88.0691	-878.5	MM	10.39	2.28	1.31	0.220	1.740	7.919	1676.	31.	0.	759.7	25.9	1
100	0	472	37.1963	88.0698	-880.5	MM	5.37	4.44	1.16	0.828	3.841	4.641	1642.	45.	4.	759.7	25.8	1
101	0	484	37.1963	88.0705	-880.2	MM	7.56	4.26	0.98	0.563	4.335	7.702	1678.	32.	0.	759.2	25.8	1
102	0	488	37.1963	88.0712	-881.0	MM	7.12	4.35	1.43	0.610	3.037	4.975	1709.	45.	1.	758.7	25.8	1
103	0	500	37.1964	88.0719	-881.7	MM	10.62	3.55	1.43	0.334	2.474	7.407	1789.	35.	0.	759.2	25.8	1
104	10	500	37.1964	88.0726	-881.5	MM	9.66	0.63	1.30	0.0	0.0	7.405	1713.	35.	5.	759.7	25.8	1
105	0	508	37.1964	88.0733	-882.5	MM	10.12	1.98	1.38	0.196	1.437	7.347	1669.	40.	0.	759.7	25.9	1
106	0	508	37.1964	88.0740	-883.2	QAL	6.12	2.71	1.49	0.443	1.822	4.110	1671.	52.	6.	759.2	25.9	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
107	0	504	37.1964	88.0747	-882.7		QAL	6.43	2.81	1.25	0.436	2.242	5.143	1710.	37.	9.	758.7	25.9	1
108	10	496	37.1964	88.0754	-882.5		QAL	9.51	1.34	1.16	0.0	0.0	8.216	1606.	36.	4.	759.2	25.9	1
109	0	492	37.1964	88.0761	-882.5		QAL	5.65	3.81	1.33	0.675	2.867	4.249	1704.	33.	6.	759.7	26.0	1
110	10	488	37.1964	88.0767	-882.7		QAL	8.36	0.52	1.46	0.0	0.0	5.710	1644.	37.	8.	759.7	26.0	1
111	10	488	37.1964	88.0773	-883.7		QAL	9.73	1.73	1.26	0.0	0.0	7.715	1689.	53.	4.	759.7	26.0	1
112	0	484	37.1964	88.0780	-884.2		QAL	6.31	3.02	1.07	0.478	2.829	5.924	1598.	43.	10.	759.2	26.0	1
113	0	488	37.1964	88.0787	-885.0		QAL	7.63	3.20	1.49	0.420	2.145	5.111	1707.	47.	6.	758.7	26.0	1
114	0	492	37.1964	88.0794	-887.0		QAL	8.56	1.93	1.11	0.226	1.737	7.688	1670.	35.	5.	758.7	26.0	1
115	0	500	37.1964	88.0800	-888.2		QAL	7.96	4.04	1.04	0.507	3.889	7.666	1604.	35.	5.	759.2	26.0	1
116	0	504	37.1964	88.0807	-888.2		QAL	7.75	1.87	1.15	0.242	1.623	6.719	1586.	45.	7.	759.7	26.0	1
117	0	508	37.1964	88.0814	-891.0		QAL	6.23	2.84	1.04	0.455	2.718	5.972	1606.	36.	5.	759.7	26.0	1
118	0	508	37.1963	88.0820	-894.0		QAL	6.93	2.20	1.44	0.317	1.523	4.805	1560.	51.	7.	759.7	26.0	1
119	0	500	37.1963	88.0827	-892.7		QAL	8.58	2.90	1.19	0.338	2.425	7.186	1556.	48.	6.	759.2	26.0	1
120	0	496	37.1963	88.0834	-891.0		QAL	5.43	3.72	1.06	0.686	3.501	5.107	1601.	35.	6.	759.2	26.0	1
121	10	492	37.1963	88.0840	-891.0		QAL	6.11	1.37	1.31	0.0	0.0	4.675	1422.	38.	4.	759.7	26.0	1
122	0	480	37.1964	88.0847	-890.7		QAL	5.81	2.50	1.09	0.430	2.300	5.344	1433.	27.	3.	759.2	26.0	1
123	0	448	37.1963	88.0853	-891.7		QAL	4.71	2.27	0.94	0.482	2.411	5.005	1182.	49.	4.	759.2	26.0	1
124	0	460	37.1963	88.0860	-892.2		QAL	6.20	3.69	0.88	0.595	4.176	7.022	1259.	54.	0.	759.7	26.0	1
125	0	508	37.1963	88.0867	-892.5		QAL	6.78	3.06	0.77	0.452	3.990	8.829	1429.	44.	3.	759.2	26.0	1
126	0	508	37.1963	88.0873	-893.7		QAL	5.08	3.18	1.33	0.627	2.400	3.829	1558.	44.	0.	759.2	26.0	1
127	0	500	37.1962	88.0880	-894.7		QAL	8.48	3.93	1.35	0.463	2.910	6.284	1666.	47.	0.	759.7	26.0	1
128	10	492	37.1962	88.0887	-894.5		QAL	9.94	1.67	1.16	0.0	0.0	8.538	1727.	39.	2.	759.2	26.0	1
129	0	488	37.1963	88.0894	-895.5		QAL	7.97	3.05	1.34	0.383	2.283	5.962	1616.	48.	3.	759.7	26.0	1
130	0	472	37.1963	88.0900	-896.7		MM	8.05	4.04	1.32	0.502	3.058	6.090	1646.	43.	5.	760.2	25.9	1
131	0	452	37.1963	88.0906	-897.7		MM	7.80	2.44	1.19	0.312	2.050	6.561	1548.	38.	10.	759.2	25.9	1
132	0	432	37.1962	88.0913	-896.7		MM	8.52	1.89	0.97	0.222	1.946	8.775	1513.	55.	11.	758.7	25.9	1
133	0	372	37.1962	88.0920	-897.0		MM	7.78	2.26	0.98	0.290	2.293	7.909	1432.	32.	6.	759.7	26.0	1
134	0	376	37.1962	88.0926	-896.5		MM	9.42	2.84	0.81	0.302	3.520	11.660	1488.	37.	6.	761.2	26.0	1
135	0	408	37.1962	88.0933	-895.7		MM	7.45	2.89	1.16	0.388	2.493	6.429	1547.	42.	9.	760.2	26.0	1
136	0	424	37.1962	88.0940	-897.7		MM	8.67	1.93	1.21	0.222	1.595	7.178	1681.	40.	9.	758.7	26.1	1
137	0	428	37.1962	88.0947	-899.0		MM	7.67	2.48	1.17	0.324	2.127	6.573	1630.	49.	6.	759.7	26.1	1
138	0	440	37.1962	88.0953	-898.7		MM	9.53	2.60	0.90	0.273	2.903	10.636	1597.	47.	5.	760.2	26.1	1
139	0	440	37.1962	88.0959	-899.0		MM	6.38	2.87	1.17	0.450	2.456	5.453	1517.	41.	7.	759.7	26.1	1
140	0	404	37.1962	88.0967	-901.0		MM	6.68	2.09	1.08	0.312	1.933	6.197	1400.	43.	4.	759.7	26.1	1
141	0	400	37.1962	88.0973	-901.5		MM	5.91	1.83	0.97	0.310	1.883	6.069	1401.	39.	6.	759.2	26.0	1
142	0	400	37.1962	88.0979	-903.7		MM	6.01	3.28	0.78	0.546	4.196	7.691	1334.	37.	3.	759.7	26.0	1
143	0	396	37.1962	88.0986	-904.7		QAL	4.70	2.17	0.67	0.461	3.216	6.971	1155.	45.	1.	759.7	26.0	1
144	10	428	37.1962	88.0993	-904.2		QAL	6.52	0.98	0.75	0.0	0.0	8.737	1143.	38.	3.	758.7	26.0	1
145	0	476	37.1962	88.1000	-905.5		QAL	2.87	2.79	1.03	0.974	2.711	2.784	1280.	35.	1.	759.2	26.0	1
146	0	484	37.1961	88.1006	-906.2		QAL	4.20	2.75	0.82	0.654	3.341	5.107	1353.	40.	5.	760.2	26.0	1
147	0	432	37.1961	88.1013	-906.7		QAL	7.82	1.71	0.78	0.218	2.181	10.000	1378.	35.	3.	759.2	26.1	1
148	0	412	37.1961	88.1020	-906.5		QAL	7.76	1.44	0.79	0.186	1.824	9.817	1363.	35.	4.	759.2	26.1	1
149	0	408	37.1961	88.1026	-907.0		QAL	7.08	1.57	1.14	0.221	1.368	6.187	1462.	31.	4.	759.7	26.1	1
150	0	440	37.1961	88.1032	-908.0		QAL	7.08	2.19	1.32	0.309	1.660	5.375	1515.	34.	7.	759.7	26.1	1
151	0	428	37.1961	88.1040	-909.2		MM	6.05	2.29	1.23	0.378	1.860	4.914	1452.	52.	5.	760.2	26.1	1
152	0	428	37.1961	88.1046	-909.5		MM	5.62	3.10	1.05	0.551	2.948	5.348	1487.	27.	3.	760.2	26.0	1
153	0	428	37.1961	88.1052	-910.5		MM	7.66	1.94	1.18	0.253	1.645	6.505	1514.	48.	6.	759.2	26.0	1
154	0	436	37.1961	88.1059	-910.2		MM	8.18	2.52	1.07	0.308	2.349	7.616	1512.	46.	8.	759.7	26.0	1
155	0	444	37.1961	88.1066	-911.0		MM	6.40	3.14	1.18	0.490	2.652	5.414	1584.	44.	5.	760.2	26.0	1
156	0	432	37.1960	88.1073	-911.5		MM	7.36	2.13	1.31	0.290	1.628	5.619	1574.	43.	5.	759.7	26.0	1
157	0	420	37.1960	88.1079	-912.5		MM	5.22	1.61	1.18	0.309	1.362	4.405	1545.	48.	5.	759.2	26.0	1
158	10	416	37.1960	88.1086	-913.5		MM	9.09	0.90	1.33	0.0	0.0	6.840	1622.	38.	3.	759.7	26.0	1
159	0	424	37.1960	88.1093	-913.7		MM	6.73	3.07	1.29	0.456	2.373	5.198	1678.	30.	5.	759.7	26.1	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
160	0	436	37.1960	88.1099	-915.0	MM	9.12	2.54	1.12	0.278	2.265	8.145	1629.	38.	6.	759.7	26.0	1
161	0	432	37.1960	88.1105	-915.5	MM	6.78	1.71	1.31	0.252	1.307	5.188	1634.	48.	8.	759.7	26.0	1
162	0	428	37.1960	88.1112	-916.2	MM	7.04	3.21	1.20	0.456	2.668	5.850	1583.	43.	7.	759.7	26.0	1
163	0	416	37.1960	88.1119	-917.7	MM	5.65	4.70	1.10	0.832	4.274	5.135	1695.	29.	4.	759.7	26.0	1
164	0	416	37.1960	88.1126	-918.2	MM	10.69	2.27	1.02	0.212	2.229	10.494	1518.	58.	2.	759.7	25.9	1
165	0	400	37.1960	88.1132	-918.5	MM	8.33	2.87	1.09	0.345	2.636	7.638	1480.	54.	2.	759.2	25.9	1
166	0	384	37.1960	88.1139	-918.2	MM	5.94	4.57	1.15	0.770	3.989	5.183	1502.	47.	0.	759.2	25.9	1
167	0	384	37.1960	88.1146	-918.2	MM	6.85	1.37	1.23	0.201	1.121	5.585	1480.	42.	1.	759.7	25.9	1
168	0	384	37.1960	88.1153	-919.7	MM	7.92	2.46	1.26	0.310	1.958	6.310	1618.	28.	1.	759.7	25.9	1
169	0	384	37.1960	88.1159	-922.5	MM	6.95	3.45	0.84	0.497	4.108	8.266	1484.	43.	0.	759.2	25.9	1
170	0	388	37.1959	88.1165	-923.7	MM	7.53	4.11	1.07	0.546	3.841	7.030	1630.	39.	0.	759.2	25.9	1
171	0	388	37.1959	88.1173	-924.5	MM	7.78	3.06	0.96	0.394	3.174	8.064	1640.	35.	0.	759.7	25.8	1
172	0	388	37.1959	88.1179	-925.2	MM	7.72	3.61	1.07	0.467	3.360	7.195	1656.	43.	0.	760.7	25.8	1
173	0	380	37.1960	88.1185	-925.0	MM	8.82	3.50	0.95	0.397	3.683	9.270	1599.	47.	2.	760.7	25.8	1
174	0	380	37.1959	88.1192	-927.0	MM	8.39	2.99	1.14	0.357	2.625	7.361	1630.	50.	1.	760.7	25.8	1
175	0	384	37.1959	88.1199	-928.7	MM	9.09	2.48	1.30	0.273	1.908	6.998	1605.	40.	0.	760.2	25.8	1
176	10	392	37.1959	88.1205	-927.7	MM	10.41	0.79	1.40	0.0	0.0	7.459	1723.	26.	1.	759.7	25.8	1
177	0	388	37.1959	88.1212	-927.7	MM	7.92	6.01	0.82	0.759	7.324	9.648	1590.	54.	0.	760.2	25.8	1
178	0	380	37.1959	88.1219	-929.7	MM	8.36	3.17	1.20	0.379	2.648	6.988	1611.	42.	0.	760.2	25.8	1
179	0	372	37.1959	88.1226	-929.0	MM	8.18	4.36	0.82	0.533	5.296	9.936	1549.	42.	1.	759.7	25.8	1
180	0	380	37.1959	88.1232	-929.2	MM	8.79	1.43	1.46	0.162	0.977	6.017	1625.	42.	3.	759.7	25.7	1
181	0	356	37.1959	88.1238	-930.5	MM	6.92	1.52	1.07	0.219	1.415	6.457	1553.	45.	5.	760.2	25.8	1
182	0	364	37.1959	88.1245	-931.2	MM	6.57	2.31	1.16	0.352	1.995	5.664	1528.	37.	4.	760.2	25.7	1
183	0	384	37.1959	88.1252	-932.2	MM	6.83	1.53	1.02	0.225	1.509	6.719	1524.	41.	6.	759.7	25.7	1
184	10	392	37.1958	88.1259	-932.2	MM	8.35	0.92	1.02	0.0	0.0	8.193	1507.	36.	8.	759.2	25.8	1
185	0	392	37.1958	88.1265	-933.2	MM	6.43	3.84	0.84	0.597	4.577	7.669	1596.	37.	4.	759.7	25.8	1
186	0	380	37.1958	88.1272	-934.0	MM	7.76	1.68	1.16	0.216	1.445	6.693	1501.	49.	5.	759.7	25.8	1
187	0	400	37.1958	88.1279	-933.2	MM	7.50	2.70	1.14	0.359	2.362	6.574	1516.	38.	0.	759.7	25.8	1
188	0	436	37.1958	88.1285	-933.7	MM	8.99	2.54	1.10	0.283	2.300	8.143	1599.	39.	4.	759.7	25.8	1
189	0	440	37.1958	88.1291	-933.5	MM	9.43	2.52	1.40	0.268	1.800	6.724	1738.	43.	6.	759.2	25.8	1
190	0	444	37.1958	88.1299	-934.0	MM	8.49	3.17	1.00	0.374	3.167	8.470	1668.	36.	1.	758.7	25.8	1
191	0	404	37.1958	88.1305	-936.0	MM	5.89	1.88	1.07	0.319	1.758	5.514	1453.	45.	3.	758.7	25.9	1
192	0	432	37.1958	88.1312	-937.0	MM	6.26	3.28	0.97	0.524	3.393	6.477	1541.	40.	3.	758.1	25.8	1
193	0	452	37.1958	88.1318	-937.7	MM	7.26	3.53	1.01	0.486	3.507	7.208	1618.	28.	1.	758.1	25.8	1
194	0	452	37.1958	88.1325	-939.2	MM	8.31	2.87	0.76	0.345	3.765	10.913	1582.	40.	2.	758.7	25.9	1
195	0	460	37.1958	88.1332	-940.2	QAL	5.99	2.24	1.19	0.374	1.876	5.013	1597.	46.	3.	758.1	25.9	1
196	0	472	37.1958	88.1338	-940.5	QAL	6.36	3.99	0.92	0.627	4.351	6.938	1532.	31.	1.	758.1	25.8	1
197	0	488	37.1958	88.1345	-940.7	QAL	8.07	3.31	1.22	0.410	2.714	6.625	1634.	37.	2.	758.7	25.9	1
198	0	500	37.1957	88.1352	-941.7	QAL	6.59	2.41	1.19	0.365	2.018	5.529	1535.	41.	3.	759.2	25.9	1
199	0	516	37.1957	88.1358	-940.5	QAL	6.44	3.52	0.93	0.547	3.767	6.891	1469.	51.	4.	758.1	26.0	1
200	0	528	37.1957	88.1365	-941.0	QAL	4.78	2.92	1.10	0.610	2.654	4.348	1532.	46.	2.	757.6	25.9	1
201	0	528	37.1957	88.1371	-941.7	MM	6.49	4.67	0.93	0.720	4.994	6.939	1543.	35.	0.	757.6	26.0	1
202	0	504	37.1957	88.1378	-942.7	MM	8.39	2.49	0.95	0.296	2.620	8.844	1481.	38.	5.	758.1	26.0	1
203	0	488	37.1957	88.1385	-943.2	MM	6.41	4.19	1.08	0.654	3.890	5.952	1568.	44.	3.	758.1	26.0	1
204	0	480	37.1957	88.1391	-944.5	MM	6.33	2.98	1.15	0.471	2.594	5.506	1644.	25.	0.	758.7	26.0	1
205	0	472	37.1957	88.1398	-945.0	MM	4.42	3.50	1.29	0.791	2.718	3.435	1588.	32.	4.	758.1	26.1	1
206	0	468	37.1957	88.1405	-945.7	MM	8.98	2.75	1.16	0.307	2.369	7.725	1515.	37.	5.	757.6	26.1	1
207	0	464	37.1957	88.1412	-946.7	MM	8.53	3.14	0.74	0.368	4.261	11.589	1572.	34.	0.	757.6	26.1	1
208	0	464	37.1957	88.1418	-946.7	MM	7.81	3.05	1.06	0.390	2.865	7.347	1565.	40.	4.	758.7	26.1	1
209	0	468	37.1957	88.1424	-947.2	MM	8.87	3.25	0.79	0.367	4.121	11.240	1563.	43.	2.	758.7	26.1	1
210	0	460	37.1957	88.1432	-949.0	MM	5.91	4.80	0.87	0.812	5.512	6.790	1517.	36.	0.	758.7	26.1	1
211	0	456	37.1957	88.1438	-950.2	MM	7.98	2.68	1.44	0.336	1.865	5.548	1587.	46.	0.	758.7	26.1	1
212	0	444	37.1956	88.1444	-951.2	MM	7.80	2.16	1.25	0.277	1.727	6.231	1554.	51.	0.	759.2	26.0	1

FLIGHT LINE 10 DAY 181 REDUCED DATA TEX-KENT 1979 PADUCAH

*	TAGS		* LOCATION		*		REDUCED DATA											
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
213	0	440	37.1956	88.1451	-951.5	MM	7.95	1.81	1.27	0.228	1.424	6.250	1610.	38.	2.	759.2	26.1	1
214	0	452	37.1956	88.1458	-951.5	MM	6.25	1.98	1.25	0.317	1.578	4.982	1562.	39.	4.	758.1	26.1	1
215	0	448	37.1956	88.1464	-949.2	MM	8.62	1.81	1.08	0.210	1.670	7.957	1586.	40.	3.	758.1	26.2	1
216	0	440	37.1956	88.1471	-948.5	MM	7.65	1.61	0.90	0.211	1.787	8.483	1527.	51.	4.	759.7	26.2	1
217	0	448	37.1956	88.1478	-949.5	MM	7.27	1.81	1.26	0.249	1.439	5.785	1577.	48.	5.	759.7	26.3	1
218	0	444	37.1956	88.1485	-950.0	MM	6.99	3.27	1.06	0.468	3.098	6.618	1530.	49.	4.	758.7	26.2	1
219	0	432	37.1956	88.1491	-950.2	MM	8.11	3.31	1.09	0.408	3.025	7.419	1635.	42.	0.	759.2	26.3	1
220	0	436	37.1956	88.1497	-952.2	MM	9.15	3.71	1.04	0.406	3.555	8.763	1611.	45.	1.	759.2	26.2	1
221	0	444	37.1956	88.1505	-953.0	MM	8.72	2.41	0.96	0.276	2.501	9.058	1574.	37.	0.	758.1	26.1	1
222	0	452	37.1955	88.1511	-955.0	MM	6.06	2.55	0.93	0.421	2.732	6.489	1602.	42.	3.	758.1	26.1	1
223	0	452	37.1956	88.1518	-956.5	MM	6.86	4.41	0.72	0.643	6.139	9.545	1487.	56.	0.	757.6	26.0	1
224	0	452	37.1956	88.1524	-957.7	MM	5.68	4.39	0.83	0.773	5.269	6.814	1542.	35.	0.	757.6	26.0	1
225	0	436	37.1956	88.1531	-959.5	MM	6.70	1.71	1.14	0.256	1.505	5.887	1397.	44.	0.	758.7	26.1	1
226	0	436	37.1955	88.1538	-960.7	MM	6.53	4.09	0.96	0.626	4.260	6.804	1403.	48.	0.	758.7	26.0	1
227	0	468	37.1955	88.1544	-959.2	MM	6.37	3.08	0.76	0.483	4.029	8.336	1508.	28.	0.	758.7	26.0	1
228	0	448	37.1955	88.1551	-959.7	MM	5.21	2.29	1.11	0.439	2.063	4.702	1402.	46.	2.	758.1	25.9	1
229	10	436	37.1955	88.1558	-959.5	MM	9.30	1.11	1.02	0.0	0.0	9.090	1375.	37.	2.	757.6	25.9	1
230	0	420	37.1955	88.1564	-960.2	MM	5.33	2.66	0.68	0.500	3.943	7.890	1280.	41.	3.	758.1	25.8	1
231	0	416	37.1955	88.1570	-960.5	MM	4.15	2.85	0.82	0.686	3.466	5.055	1278.	44.	6.	758.1	25.8	1
232	0	416	37.1955	88.1577	-959.5	MM	5.46	4.19	0.55	0.768	7.599	9.899	1223.	43.	5.	758.1	25.8	1
233	0	420	37.1955	88.1584	-960.0	MM	4.78	2.67	0.77	0.558	3.467	6.212	1240.	40.	4.	758.1	25.8	1
234	10	420	37.1955	88.1591	-961.0	MM	4.83	1.22	0.82	0.0	0.0	5.874	1144.	49.	9.	757.6	25.7	1
235	10	440	37.1955	88.1597	-961.2	MM	5.11	1.30	0.65	0.0	0.0	7.852	1213.	38.	8.	758.1	25.7	1
236	0	444	37.1954	88.1604	-961.2	MM	6.44	2.62	0.58	0.406	4.484	11.038	1122.	49.	4.	758.7	25.7	1
237	0	456	37.1954	88.1611	-962.2	MM	5.41	2.59	0.68	0.480	3.838	7.997	1104.	35.	5.	757.6	25.7	1
238	0	504	37.1954	88.1617	-962.7	MM	3.08	5.91	0.65	1.921	9.127	4.752	1204.	62.	3.	756.6	25.7	1
239	0	508	37.1955	88.1624	-963.7	MM	4.58	2.68	1.06	0.586	2.542	4.338	1395.	49.	5.	758.1	25.8	1
240	0	504	37.1954	88.1630	-963.5	MM	6.13	4.39	0.72	0.716	6.136	8.568	1393.	32.	1.	758.7	25.8	1
241	0	504	37.1954	88.1637	-962.2	MM	8.27	4.27	1.02	0.516	4.202	8.144	1537.	42.	0.	758.1	25.8	1
242	0	504	37.1954	88.1644	-962.7	MM	8.13	2.89	1.05	0.355	2.761	7.776	1598.	32.	2.	758.1	25.8	1
243	0	496	37.1954	88.1650	-962.7	MM	4.99	2.91	0.86	0.583	3.395	5.828	1478.	49.	8.	757.1	25.8	1
244	0	492	37.1954	88.1657	-962.2	MM	5.85	3.29	1.07	0.562	3.070	5.457	1533.	52.	4.	757.6	25.7	1
245	0	492	37.1954	88.1664	-962.7	MM	9.12	2.36	1.03	0.258	2.284	8.850	1639.	34.	3.	758.1	25.7	1
246	0	496	37.1954	88.1671	-963.7	MM	6.69	4.04	1.01	0.603	3.987	6.610	1531.	51.	1.	757.6	25.7	1
247	0	496	37.1954	88.1677	-964.7	MM	7.64	2.99	0.94	0.391	3.183	8.134	1535.	28.	8.	757.1	25.7	1
248	0	496	37.1954	88.1683	-966.7	MM	8.03	2.27	0.88	0.283	2.578	9.104	1561.	35.	5.	758.1	25.7	1
249	0	496	37.1954	88.1691	-967.7	MM	8.66	2.14	0.84	0.247	2.552	10.320	1446.	52.	4.	757.6	25.7	1
250	10	448	37.1953	88.1697	-969.5	MM	7.06	1.10	1.08	0.0	0.0	6.534	1407.	42.	3.	757.1	25.8	1
251	0	464	37.1953	88.1703	-969.2	MM	4.92	4.36	0.97	0.886	4.486	5.064	1355.	49.	3.	758.1	25.9	1
252	10	520	37.1954	88.1711	-969.0	MM	6.67	0.82	1.05	0.0	0.0	6.371	1433.	36.	5.	758.1	25.8	1
253	0	484	37.1954	88.1717	-969.0	MM	5.24	2.28	1.03	0.435	2.212	5.087	1350.	40.	3.	757.1	25.8	1
254	0	464	37.1954	88.1723	-970.0	MM	8.40	2.55	0.86	0.303	2.967	9.784	1272.	38.	2.	757.6	25.7	1
255	0	476	37.1953	88.1730	-969.7	MM	9.03	4.16	0.80	0.460	5.193	11.284	1373.	30.	1.	756.1	25.7	1
256	0	528	37.1953	88.1737	-968.2	MM	6.63	2.79	1.14	0.421	2.455	5.838	1419.	44.	2.	756.6	25.7	1
257	0	548	37.1953	88.1744	-969.2	MM	6.03	4.97	0.57	0.824	8.792	10.669	1408.	42.	5.	757.6	25.7	1
258	0	544	37.1953	88.1750	-969.7	MM	5.89	5.17	0.49	0.879	10.610	12.073	1403.	45.	1.	756.1	25.7	1
259	0	520	37.1953	88.1756	-969.5	MM	6.53	3.02	0.81	0.463	3.725	8.049	1395.	38.	3.	757.6	25.8	1
260	0	516	37.1953	88.1764	-968.7	MM	7.21	3.04	1.05	0.422	2.897	6.862	1423.	38.	1.	758.1	25.7	1
261	0	508	37.1953	88.1770	-969.0	MM	4.55	3.33	0.79	0.732	4.213	5.751	1435.	38.	5.	756.1	25.7	1
262	0	504	37.1953	88.1777	-968.5	MM	6.08	3.33	0.95	0.548	3.512	6.410	1425.	53.	4.	758.1	25.7	1
263	0	504	37.1953	88.1783	-968.0	MM	9.36	2.46	1.14	0.263	2.159	8.218	1513.	34.	4.	758.1	25.8	1
264	0	504	37.1952	88.1790	-967.7	MM	7.38	3.81	1.05	0.516	3.626	7.030	1619.	27.	3.	756.6	25.9	1
265	0	512	37.1952	88.1797	-967.2	MM	4.31	4.87	0.96	1.130	5.076	4.492	1472.	41.	4.	758.1	25.9	1

* TAGS *			* LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
266	0	520	37.1952	88.1803	-967.7	MM	7.22	1.97	1.32	0.273	1.487	5.448	1500.	42.	5.	757.1	25.9	1
267	10	528	37.1952	88.1810	-968.0	MM	6.73	1.69	1.29	0.0	0.0	5.226	1515.	53.	8.	756.6	26.0	1
268	0	532	37.1952	88.1817	-967.7	MM	8.45	2.42	1.19	0.286	2.034	7.106	1614.	41.	6.	758.7	26.0	1
269	10	524	37.1952	88.1824	-969.0	MM	9.06	1.82	0.84	0.0	0.0	10.754	1440.	53.	9.	757.1	26.0	1
270	0	512	37.1952	88.1829	-969.5	MM	6.05	2.82	0.55	0.466	5.121	10.997	1427.	53.	6.	756.6	25.9	1
271	0	520	37.1952	88.1836	-970.0	MM	6.72	2.10	1.23	0.313	1.707	5.458	1466.	47.	9.	757.1	25.9	1
272	0	528	37.1952	88.1843	-970.0	MM	6.17	4.42	0.82	0.716	5.371	7.503	1502.	45.	9.	757.1	25.9	1
273	10	496	37.1952	88.1850	-971.0	MM	7.60	1.64	1.02	0.0	0.0	7.443	1413.	37.	8.	758.1	26.0	1
274	0	512	37.1952	88.1856	-970.2	MM	4.96	3.24	0.93	0.653	3.483	5.337	1446.	32.	4.	758.1	26.1	1
275	0	512	37.1952	88.1863	-970.7	MM	4.37	4.93	0.82	1.130	6.019	5.326	1417.	45.	4.	756.6	26.1	1
276	0	536	37.1952	88.1870	-971.0	MM	6.25	2.40	1.01	0.385	2.371	6.162	1506.	43.	6.	756.6	26.1	1
277	0	524	37.1952	88.1877	-970.5	MM	6.93	4.25	0.99	0.614	4.276	6.969	1517.	39.	0.	756.6	26.1	1
278	0	540	37.1951	88.1883	-970.5	MM	7.02	3.42	0.85	0.487	4.033	8.284	1517.	46.	2.	757.6	26.0	1
279	0	532	37.1951	88.1889	-970.0	MM	9.69	2.68	0.93	0.277	2.887	10.435	1430.	45.	0.	757.1	25.9	1
280	0	516	37.1951	88.1897	-970.0	MM	7.92	3.94	0.84	0.497	4.695	9.449	1435.	47.	0.	757.1	25.9	1
281	0	492	37.1951	88.1903	-971.7	MM	6.08	2.24	0.93	0.369	2.410	6.524	1345.	36.	0.	758.7	25.9	1
282	0	504	37.1951	88.1909	-971.5	MM	5.32	2.83	1.10	0.532	2.577	4.841	1370.	34.	4.	757.6	25.9	1
283	10	500	37.1951	88.1916	-970.2	MM	5.89	1.49	0.88	0.0	0.0	6.713	1255.	51.	1.	757.1	25.9	1
284	0	532	37.1951	88.1923	-971.5	MM	6.63	3.28	0.95	0.496	3.455	6.969	1396.	49.	4.	758.1	25.9	1
285	10	524	37.1951	88.1930	-970.7	MM	5.40	1.62	0.95	0.0	0.0	5.679	1275.	35.	7.	756.6	25.9	1
286	0	544	37.1951	88.1936	-970.2	MM	5.15	4.71	0.71	0.914	6.627	7.247	1378.	31.	3.	757.1	25.9	1
287	0	532	37.1951	88.1943	-971.7	MM	6.31	4.44	0.75	0.703	5.891	8.375	1333.	37.	5.	756.6	25.9	1
288	0	540	37.1951	88.1950	-971.2	MM	5.64	3.04	0.67	0.539	4.557	8.451	1340.	33.	7.	756.1	25.9	1
289	0	548	37.1951	88.1956	-972.7	MM	6.98	2.65	0.93	0.380	2.849	7.496	1283.	38.	7.	757.6	25.9	1
290	10	548	37.1951	88.1962	-973.5	MM	7.41	1.09	0.76	0.0	0.0	9.749	1199.	34.	5.	756.1	25.9	1
291	0	552	37.1951	88.1969	-972.5	MM	4.65	3.20	0.70	0.689	4.564	6.626	1194.	48.	3.	755.5	25.9	1
292	10	584	37.1950	88.1976	-973.0	MM	6.14	1.73	0.84	0.0	0.0	7.279	1260.	37.	7.	756.6	25.9	1
293	0	572	37.1950	88.1982	-972.2	MM	4.14	2.95	0.85	0.714	3.465	4.855	1223.	40.	3.	756.6	25.9	1
294	0	552	37.1950	88.1989	-972.7	MM	4.49	2.44	0.87	0.543	2.817	5.191	1209.	37.	2.	758.1	25.9	1
295	10	540	37.1950	88.1996	-972.5	MM	5.55	1.35	1.04	0.0	0.0	5.329	1279.	39.	2.	757.6	25.9	1
296	0	532	37.1950	88.2003	-972.7	MM	3.30	1.88	1.03	0.569	1.833	3.221	1156.	52.	1.	757.1	25.9	1
297	0	528	37.1950	88.2009	-972.5	MM	4.22	5.97	0.52	1.415	11.512	8.135	1216.	40.	0.	758.1	25.9	1
298	10	520	37.1950	88.2016	-972.2	MM	5.24	1.45	0.65	0.0	0.0	8.047	1159.	38.	0.	757.1	25.9	1
299	0	516	37.1950	88.2023	-973.0	MM	5.11	1.62	0.92	0.318	1.774	5.580	1091.	35.	3.	756.6	26.0	1
300	0	512	37.1950	88.2029	-972.2	MM	4.03	3.88	0.42	0.962	9.154	9.517	995.	45.	1.	757.1	25.9	1
301	0	520	37.1950	88.2036	-972.7	MM	6.17	3.32	0.55	0.538	6.059	11.256	1074.	33.	0.	755.5	26.0	1
302	0	532	37.1949	88.2042	-973.5	MM	5.59	3.56	0.38	0.637	9.492	14.903	1100.	36.	0.	756.6	26.0	1
303	0	588	37.1949	88.2049	-974.7	MM	5.32	3.35	0.82	0.630	4.089	6.494	1223.	43.	0.	757.1	26.0	1
304	0	628	37.1949	88.2056	-974.0	MM	5.59	5.17	0.61	0.925	8.548	9.245	1344.	45.	0.	756.6	26.0	1
305	0	608	37.1949	88.2062	-973.2	MM	6.58	2.49	0.73	0.379	3.400	8.974	1353.	41.	0.	758.1	26.0	1
306	0	608	37.1949	88.2069	-973.7	QAL	4.14	3.02	0.84	0.731	3.578	4.895	1245.	45.	0.	757.1	26.0	1
307	0	648	37.1949	88.2076	-974.0	QAL	7.18	2.32	1.05	0.323	2.204	6.819	1305.	52.	0.	756.6	26.0	1
308	0	692	37.1949	88.2082	-974.2	QAL	5.43	5.58	1.21	1.029	4.622	4.492	1561.	34.	0.	757.6	25.9	1
309	0	696	37.1949	88.2088	-975.7	QAL	6.09	5.09	0.67	0.837	7.560	9.036	1356.	41.	0.	755.5	25.9	1
310	0	700	37.1949	88.2095	-974.2	QAL	7.82	3.82	0.64	0.488	5.933	12.149	1515.	43.	0.	756.6	25.8	1
311	0	696	37.1949	88.2102	-975.0	QAL	8.17	2.84	1.10	0.348	2.586	7.428	1340.	52.	0.	757.6	25.8	1
312	0	684	37.1949	88.2109	-974.7	QAL	6.21	4.25	0.84	0.684	5.050	7.385	1441.	38.	0.	755.5	25.7	1
313	0	676	37.1949	88.2115	-973.2	QAL	7.51	5.06	0.92	0.673	5.472	8.133	1352.	38.	1.	756.6	25.7	1
314	0	668	37.1949	88.2122	-974.2	QAL	5.05	3.20	0.99	0.634	3.239	5.106	1373.	43.	3.	757.6	25.7	1
315	0	664	37.1949	88.2129	-976.0	QAL	6.05	3.57	0.86	0.589	4.154	7.052	1456.	44.	4.	755.5	25.7	1
316	0	664	37.1948	88.2135	-976.0	MM	10.26	3.33	0.94	0.325	3.553	10.933	1552.	38.	5.	756.6	25.7	1
317	0	668	37.1948	88.2142	-976.2	MM	5.19	2.77	1.26	0.533	2.198	4.121	1446.	42.	9.	757.6	25.7	1
318	10	672	37.1948	88.2148	-976.2	MM	7.98	2.09	0.96	0.0	0.0	8.277	1422.	40.	11.	755.5	25.7	1

CP9 1P12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
319	10	680	37.1948	88.2156	-977.0	MM	9.60	-0.47	0.96	0.0	0.0	9.999	1501.	35.	8.	757.1	25.7	1
320	0	680	37.1948	88.2162	-976.5	MM	7.98	3.80	0.85	0.476	4.471	9.386	1424.	40.	7.	758.1	25.7	1
321	10	676	37.1948	88.2168	-977.0	MM	7.85	1.47	0.70	0.0	0.0	11.204	1409.	43.	14.	755.0	25.7	1
322	0	656	37.1948	88.2175	-977.5	MM	5.03	3.16	0.67	0.628	4.722	7.522	1336.	38.	13.	756.6	25.7	1
323	10	576	37.1948	88.2182	-976.5	MM	5.85	1.62	0.65	0.0	0.0	9.018	1193.	32.	10.	758.7	25.7	1
324	0	580	37.1948	88.2189	-977.5	MM	4.02	3.41	0.47	0.849	7.226	8.509	1122.	45.	8.	755.5	25.7	1
325	0	568	37.1947	88.2195	-978.5	MM	4.88	2.33	0.48	0.478	4.878	10.208	1130.	43.	14.	755.5	25.8	1
326	10	576	37.1948	88.2202	-978.7	MM	5.29	1.71	0.69	0.0	0.0	7.654	1287.	28.	12.	757.1	25.8	1
327	10	624	37.1948	88.2209	-978.7	MM	5.95	0.34	0.55	0.0	0.0	10.763	1209.	53.	12.	755.0	25.8	1
328	10	644	37.1948	88.2215	-979.2	MM	5.83	1.58	0.92	0.0	0.0	6.364	1367.	36.	13.	756.1	25.8	1
329	10	640	37.1948	88.2221	-978.5	MM	8.16	-0.11	0.90	0.0	0.0	9.090	1430.	33.	12.	758.7	25.8	1
330	10	624	37.1947	88.2229	-978.7	MM	3.95	2.05	1.01	0.0	0.0	3.928	1299.	52.	12.	756.6	25.8	1
331	10	612	37.1947	88.2235	-979.5	MM	5.03	0.60	0.95	0.0	0.0	5.310	1374.	32.	13.	756.6	25.8	1
332	10	600	37.1947	88.2242	-979.7	MM	5.08	1.67	1.06	0.0	0.0	4.811	1327.	29.	10.	758.1	25.8	1
333	10	544	37.1947	88.2248	-978.7	MM	2.69	1.49	0.67	0.0	0.0	4.002	1089.	33.	10.	756.1	25.8	1
334	0	540	37.1947	88.2255	-979.0	MM	4.78	2.86	0.43	0.599	6.715	11.206	1140.	34.	4.	756.1	25.8	1
335	0	528	37.1947	88.2262	-979.7	MM	4.26	5.14	0.36	1.207	14.164	11.738	1011.	44.	4.	759.2	25.8	1
336	0	524	37.1947	88.2268	-980.5	MM	3.05	3.35	0.74	1.100	4.552	4.138	1065.	42.	3.	757.6	25.8	1
337	0	520	37.1947	88.2275	-983.0	MM	1.87	2.25	0.83	1.201	2.724	2.268	1029.	46.	1.	755.5	25.8	1
338	0	520	37.1947	88.2282	-982.2	MM	4.65	2.10	0.67	0.452	3.149	6.963	1024.	49.	1.	757.6	25.9	1
339	0	544	37.1946	88.2289	-982.0	MM	4.02	3.01	0.70	0.748	4.284	5.725	1166.	42.	0.	758.1	25.9	1
340	0	592	37.1946	88.2295	-982.5	MM	4.42	2.74	0.87	0.620	3.155	5.084	1187.	41.	1.	757.1	25.9	1
341	0	604	37.1946	88.2301	-983.7	MM	3.79	4.17	0.63	1.101	6.659	6.047	1271.	38.	0.	758.1	25.9	1
342	0	552	37.1946	88.2308	-982.7	MM	4.73	2.46	0.70	0.520	3.491	6.720	1115.	36.	0.	759.2	25.9	1
343	0	508	37.1947	88.2315	-985.0	MM	4.96	3.08	0.61	0.620	5.085	8.197	1079.	59.	0.	756.6	25.9	1
344	0	512	37.1946	88.2321	-985.2	MM	4.60	3.51	0.67	0.764	5.270	6.895	1046.	45.	0.	756.6	25.8	1
345	0	508	37.1946	88.2328	-986.0	MM	5.83	3.66	0.89	0.628	4.104	6.531	1242.	27.	0.	758.7	25.8	1
346	0	504	37.1946	88.2335	-985.7	MM	4.92	2.78	0.64	0.564	4.336	7.682	1164.	49.	4.	757.6	25.8	1
347	0	520	37.1946	88.2342	-987.2	MM	6.21	2.85	0.74	0.460	3.862	8.403	1199.	27.	0.	755.5	25.9	1
348	10	532	37.1946	88.2348	-987.5	MM	6.43	1.45	1.03	0.0	0.0	6.228	1277.	42.	7.	757.6	25.9	1
349	10	512	37.1945	88.2354	-987.2	MM	4.36	1.20	0.99	0.0	0.0	4.426	1232.	40.	8.	757.6	26.0	1
350	0	516	37.1945	88.2361	-988.7	MM	4.49	2.47	1.04	0.549	2.368	4.310	1190.	39.	9.	756.6	26.0	1
351	10	540	37.1945	88.2368	-989.2	MM	6.03	0.84	0.93	0.0	0.0	6.496	1326.	50.	7.	757.6	26.0	1
352	10	592	37.1946	88.2374	-990.5	MM	8.83	-0.00	0.88	0.0	0.0	10.075	1463.	41.	9.	758.1	26.0	1
353	0	572	37.1946	88.2381	-991.2	MM	7.86	2.84	0.49	0.361	5.751	15.918	1453.	38.	10.	757.1	26.0	1
354	0	576	37.1945	88.2388	-991.2	MM	5.42	2.73	1.15	0.504	2.379	4.719	1516.	39.	6.	757.1	26.0	1
355	0	588	37.1945	88.2395	-991.2	MM	7.71	2.43	0.96	0.315	2.540	8.068	1479.	33.	5.	758.7	26.0	1
356	0	604	37.1945	88.2402	-992.2	MM	4.76	2.60	1.51	0.546	1.729	3.164	1536.	38.	5.	758.7	26.0	1
357	0	604	37.1945	88.2409	-993.2	MM	5.28	4.85	0.72	0.919	6.772	7.369	1451.	38.	1.	756.6	26.0	1
358	10	592	37.1945	88.2417	-993.5	MM	6.35	0.50	1.07	0.0	0.0	5.918	1362.	53.	5.	756.6	26.1	1
359	0	544	37.1945	88.2424	-993.2	MM	3.39	3.66	0.71	1.082	5.126	4.739	1231.	51.	0.	758.7	26.2	1
360	10	520	37.1944	88.2431	-995.5	MM	7.45	0.35	0.88	0.0	0.0	8.427	1171.	34.	4.	757.6	26.2	1
361	0	524	37.1944	88.2438	-994.7	MM	4.42	1.83	0.86	0.414	2.125	5.138	1162.	53.	4.	757.1	26.3	1
362	0	516	37.1944	88.2445	-994.5	MM	4.42	2.56	1.08	0.578	2.374	4.110	1166.	43.	0.	758.1	26.3	1
363	0	504	37.1944	88.2452	-995.7	MM	4.22	1.57	0.74	0.372	2.120	5.694	1028.	46.	1.	756.1	26.3	1
364	0	520	37.1944	88.2459	-997.2	QAL	3.61	2.67	0.58	0.739	4.632	6.268	1200.	37.	2.	756.1	26.3	1
365	0	560	37.1944	88.2466	-997.7	QAL	4.82	4.37	0.61	0.907	7.144	7.873	1218.	43.	2.	758.7	26.3	1
366	10	576	37.1944	88.2473	-997.7	QAL	6.00	1.29	0.91	0.0	0.0	6.607	1420.	43.	4.	757.6	26.3	1
367	0	612	37.1944	88.2480	-998.0	QAL	3.38	4.46	0.71	1.319	6.234	4.727	1309.	54.	5.	756.6	26.3	1
368	10	616	37.1944	88.2488	-998.7	QAL	8.56	1.56	1.01	0.0	0.0	8.490	1449.	44.	2.	757.6	26.2	1
369	0	616	37.1944	88.2495	-998.2	QAL	5.57	3.35	1.08	0.601	3.096	5.152	1442.	46.	0.	758.7	26.3	1
370	0	616	37.1943	88.2502	-998.7	QAL	6.86	3.55	1.01	0.517	3.516	6.799	1384.	53.	2.	758.1	26.3	1
371	0	608	37.1943	88.2509	-1000.0	QAL	6.08	4.34	0.71	0.714	6.132	8.590	1408.	50.	6.	757.1	26.2	1

CP9 1P 12
CP9 1P 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
372	0	600	37.1943	88.2516	-1000.7	QAL	6.93	2.44	0.80	0.353	3.043	8.626	1508.	38.	3.	758.1	26.2	1
373	0	592	37.1942	88.2523	-1001.7	QAL	9.00	4.16	0.63	0.463	6.594	14.254	1542.	31.	5.	759.2	26.2	1
374	0	584	37.1942	88.2530	-1002.2	QAL	5.53	2.85	1.05	0.515	2.700	5.249	1522.	35.	4.	757.1	26.2	1
375	0	576	37.1943	88.2537	-1002.7	MM	10.35	2.11	0.97	0.204	2.168	10.645	1545.	54.	3.	758.1	26.2	1
376	0	564	37.1943	88.2544	-1003.2	MM	6.45	3.95	1.18	0.612	3.358	5.485	1565.	38.	7.	759.2	26.2	1
377	0	556	37.1942	88.2551	-1004.7	QT-2	7.03	2.80	1.12	0.398	2.502	6.280	1583.	44.	8.	759.2	26.3	1
378	0	548	37.1942	88.2559	-1005.7	QT-2	8.26	4.26	1.35	0.516	3.147	6.100	1676.	45.	2.	758.7	26.3	1
379	0	540	37.1942	88.2566	-1005.2	QT-2	7.57	1.96	1.44	0.259	1.363	5.258	1672.	48.	8.	758.7	26.3	1
380	10	536	37.1942	88.2573	-1006.0	QT-2	8.51	1.16	1.15	0.0	0.0	7.368	1553.	40.	7.	759.7	26.3	1
381	10	532	37.1942	88.2580	-1006.5	QT-2	8.12	0.77	1.64	0.0	0.0	4.943	1677.	30.	8.	759.7	26.3	1
382	0	528	37.1942	88.2587	-1008.5	QT-2	5.72	2.07	1.12	0.361	1.839	5.088	1522.	45.	8.	758.7	26.3	1
383	0	528	37.1941	88.2594	-1008.5	QT-2	8.06	3.05	1.11	0.379	2.744	7.236	1573.	34.	9.	759.2	26.3	1
384	0	524	37.1941	88.2601	-1009.0	QT-2	7.47	3.26	1.26	0.436	2.591	5.936	1585.	46.	8.	760.2	26.4	1
385	0	520	37.1941	88.2608	-1010.0	QT-2	7.39	2.33	0.94	0.316	2.470	7.819	1597.	54.	7.	759.2	26.5	1
386	0	520	37.1942	88.2615	-1010.5	QT-2	10.87	2.09	1.23	0.192	1.694	8.822	1699.	42.	6.	758.1	26.5	1
387	0	516	37.1941	88.2622	-1011.7	QT-2	9.38	4.92	0.79	0.524	6.233	11.888	1724.	32.	4.	760.2	26.5	1
388	10	508	37.1941	88.2630	-1014.0	QT-2	9.02	1.51	1.39	0.0	0.0	6.478	1686.	37.	6.	760.7	26.5	1
389	0	492	37.1941	88.2636	-1013.2	QT-2	7.44	3.42	1.50	0.459	2.271	4.945	1686.	40.	5.	758.7	26.5	1
390	0	480	37.1940	88.2644	-1012.2	QT-2	8.25	2.15	1.33	0.260	1.610	6.191	1691.	37.	6.	758.7	26.5	1
391	10	480	37.1940	88.2651	-1013.0	QT-2	7.47	1.05	1.41	0.0	0.0	5.281	1599.	43.	10.	759.7	26.5	1
392	10	488	37.1940	88.2658	-1013.0	QT-2	10.15	0.00	1.28	0.0	0.0	7.918	1656.	42.	9.	759.7	26.5	1
393	10	488	37.1940	88.2665	-1014.5	MM	9.75	1.56	1.31	0.0	0.0	7.425	1593.	36.	12.	758.7	26.6	1
394	0	496	37.1940	88.2672	-1016.5	MM	5.88	1.85	1.46	0.314	1.267	4.037	1612.	39.	11.	759.7	26.5	1
395	10	496	37.1940	88.2679	-1018.0	MM	6.64	0.85	1.42	0.0	0.0	4.695	1587.	32.	14.	759.7	26.5	1
396	10	492	37.1940	88.2686	-1018.5	MM	7.15	-0.24	1.12	0.0	0.0	6.404	1546.	41.	16.	759.2	26.5	1
397	10	492	37.1939	88.2693	-1020.5	MM	7.60	1.72	1.04	0.0	0.0	7.293	1553.	50.	10.	760.2	26.5	1
398	10	512	37.1940	88.2700	-1020.7	MM	6.99	1.78	1.16	0.0	0.0	6.025	1549.	44.	9.	760.2	26.5	1
399	0	512	37.1940	88.2707	-1021.0	MM	5.68	1.88	1.37	0.331	1.367	4.132	1557.	29.	8.	758.7	26.5	1
400	10	516	37.1939	88.2715	-1020.7	MM	6.69	1.54	1.11	0.0	0.0	6.001	1470.	50.	6.	759.7	26.5	1
401	0	504	37.1939	88.2722	-1021.7	MM	8.67	2.26	1.08	0.261	2.099	8.043	1520.	42.	4.	759.7	26.5	1
402	0	472	37.1939	88.2729	-1022.2	MM	6.11	4.13	0.95	0.676	4.350	6.434	1464.	49.	7.	758.7	26.4	1
403	0	452	37.1938	88.2736	-1021.5	MM	8.60	2.45	0.85	0.284	2.871	10.093	1341.	42.	1.	759.7	26.4	1
404	0	476	37.1939	88.2743	-1022.7	MM	4.90	3.11	0.92	0.635	3.386	5.331	1414.	37.	4.	760.7	26.3	1
405	0	504	37.1939	88.2750	-1023.5	MM	7.25	3.17	1.00	0.437	3.158	7.228	1480.	45.	4.	758.7	26.3	1
406	0	520	37.1938	88.2757	-1023.2	QT-2	7.70	1.95	1.60	0.253	1.218	4.809	1710.	33.	3.	759.2	26.3	1
407	0	528	37.1938	88.2764	-1024.2	QT-1	6.08	5.02	0.80	0.825	6.268	7.593	1578.	39.	0.	760.2	26.3	1
408	0	528	37.1938	88.2771	-1024.7	QT-2	7.07	3.15	1.10	0.446	2.856	6.406	1487.	34.	5.	759.2	26.3	1
409	0	524	37.1938	88.2778	-1024.7	QT-2	6.58	2.50	1.02	0.379	2.451	6.461	1441.	29.	8.	759.7	26.3	1
410	0	512	37.1938	88.2786	-1027.0	MM	6.49	2.63	1.08	0.405	2.436	6.018	1541.	41.	5.	759.7	26.3	1
411	0	492	37.1938	88.2793	-1026.5	MM	5.97	2.60	1.20	0.436	2.171	4.983	1511.	41.	2.	758.7	26.3	1
412	10	476	37.1938	88.2800	-1026.0	MM	7.35	-0.11	1.01	0.0	0.0	7.257	1449.	45.	8.	759.7	26.3	1
413	0	492	37.1937	88.2807	-1026.7	MM	4.75	3.17	0.90	0.667	3.526	5.284	1481.	50.	4.	760.2	26.3	1
414	10	508	37.1937	88.2814	-1027.5	MM	6.51	1.35	1.24	0.0	0.0	5.267	1421.	44.	8.	758.7	26.3	1
415	0	520	37.1937	88.2821	-1028.5	MM	5.94	3.09	1.23	0.521	2.520	4.834	1443.	36.	10.	760.7	26.3	1
416	0	524	37.1937	88.2828	-1028.2	MM	6.83	3.48	0.89	0.509	3.896	7.648	1518.	38.	7.	760.7	26.3	1
417	0	520	37.1937	88.2835	-1027.5	MM	7.59	2.15	1.16	0.283	1.859	6.570	1501.	36.	9.	758.7	26.3	1
418	0	520	37.1937	88.2842	-1028.2	MM	6.47	1.77	1.23	0.274	1.434	5.242	1568.	34.	8.	760.2	26.3	1
419	0	524	37.1937	88.2849	-1029.5	MM	4.70	1.87	1.39	0.399	1.349	3.379	1584.	36.	11.	760.2	26.3	1
420	10	528	37.1936	88.2857	-1030.0	MM	8.44	1.18	1.34	0.0	0.0	6.304	1708.	54.	6.	758.1	26.3	1
421	0	528	37.1937	88.2864	-1030.5	QT-1	5.82	4.56	1.34	0.783	3.411	4.355	1660.	30.	7.	760.2	26.5	1
422	0	528	37.1937	88.2871	-1030.7	QT-1	4.80	4.45	0.99	0.928	4.479	4.829	1584.	35.	5.	759.2	26.5	1
423	10	492	37.1936	88.2878	-1030.7	QT-2	8.11	-0.18	1.18	0.0	0.0	6.862	1416.	29.	5.	758.1	26.5	1
424	0	448	37.1936	88.2885	-1031.5	QT-2	6.82	2.74	0.78	0.402	3.519	8.751	1310.	32.	0.	760.2	26.5	1

CP9 IP12

TAGS			LOCATION			REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
425	0	464	37.1936	88.2892	-1031.7	QT-2	5.94	3.77	1.00	0.635	3.764	5.925	1299.	38.	0.	760.2	26.6	1
426	10	532	37.1935	88.2899	-1032.0	QT-2	8.62	0.89	1.47	0.0	0.0	5.876	1589.	47.	2.	758.7	26.6	1
427	0	540	37.1936	88.2906	-1032.7	QT-2	9.37	3.60	1.00	0.384	3.609	9.398	1511.	51.	0.	759.7	26.6	1
428	0	540	37.1936	88.2913	-1032.7	QT-2	6.55	4.59	1.14	0.700	4.021	5.743	1601.	42.	0.	759.7	26.5	1
429	0	532	37.1936	88.2920	-1033.2	QT-2	6.32	2.49	1.00	0.394	2.482	6.303	1405.	45.	3.	758.1	26.5	1
430	0	536	37.1935	88.2928	-1033.2	QT-2	6.63	3.19	0.83	0.481	3.824	7.950	1446.	36.	1.	759.2	26.4	1
431	0	536	37.1935	88.2935	-1034.0	QT-2	6.84	2.85	0.98	0.417	2.905	6.969	1427.	32.	3.	760.2	26.4	1
432	0	532	37.1935	88.2942	-1034.5	MM	5.77	3.22	0.95	0.559	3.399	6.082	1363.	50.	3.	759.2	26.3	1
433	10	532	37.1935	88.2949	-1034.2	MM	8.35	1.60	0.74	0.0	0.0	11.265	1350.	52.	2.	758.7	26.4	1
434	0	492	37.1935	88.2956	-1032.5	MM	7.27	2.14	0.76	0.295	2.825	9.586	1390.	38.	1.	759.7	26.4	1
435	0	488	37.1935	88.2963	-1033.2	MM	4.33	2.50	1.01	0.577	2.473	4.282	1334.	38.	3.	759.7	26.5	1
436	0	504	37.1934	88.2970	-1034.7	MM	4.62	3.39	0.81	0.734	4.190	5.712	1211.	38.	0.	758.7	26.4	1
437	0	536	37.1934	88.2977	-1033.7	MM	7.28	2.58	0.68	0.354	3.817	10.776	1376.	38.	5.	759.7	26.4	1
438	0	528	37.1934	88.2984	-1034.7	MM	6.27	2.25	0.74	0.359	3.047	8.496	1197.	27.	5.	759.7	26.3	1
439	0	540	37.1934	88.2991	-1035.2	MM	5.87	2.33	0.59	0.396	3.942	9.949	1161.	41.	8.	758.1	26.3	1
440	10	556	37.1934	88.2999	-1035.5	MM	5.53	1.76	0.99	0.0	0.0	5.569	1207.	34.	8.	759.2	26.3	1
441	0	564	37.1934	88.3005	-1034.7	MM	4.85	2.06	0.89	0.425	2.322	5.467	1353.	55.	8.	760.2	26.3	1
442	0	492	37.1934	88.3012	-1035.7	QAL	5.33	2.58	0.59	0.484	4.368	9.018	1199.	50.	9.	758.7	26.3	1
443	10	468	37.1933	88.3020	-1035.5	QAL	5.96	1.42	0.85	0.0	0.0	7.048	1201.	43.	7.	758.7	26.4	1
444	0	472	37.1933	88.3027	-1035.5	QAL	4.47	1.91	0.75	0.427	2.551	5.976	1136.	42.	7.	760.7	26.4	1
445	0	452	37.1934	88.3034	-1035.7	QAL	5.42	2.15	0.57	0.396	3.759	9.488	1206.	39.	5.	759.7	26.4	1
446	10	460	37.1933	88.3041	-1034.2	QAL	6.28	1.39	0.70	0.0	0.0	8.994	1200.	45.	5.	758.7	26.4	1
447	0	512	37.1933	88.3048	-1036.2	QAL	5.82	3.40	0.83	0.583	4.077	6.990	1343.	36.	4.	759.7	26.5	1
448	0	520	37.1933	88.3055	-1035.2	QAL	5.70	2.34	0.89	0.411	2.638	6.416	1375.	39.	6.	759.7	26.4	1
449	0	524	37.1933	88.3063	-1035.0	QAL	6.24	3.23	0.81	0.518	3.993	7.708	1362.	38.	4.	758.7	26.5	1
450	0	532	37.1932	88.3069	-1034.7	QAL	8.26	1.95	1.02	0.236	1.918	8.125	1395.	48.	4.	759.7	26.4	1
451	0	536	37.1933	88.3076	-1035.2	QT-1	5.81	1.96	0.75	0.337	2.619	7.774	1308.	38.	10.	759.2	26.4	1
452	10	536	37.1933	88.3083	-1036.0	QT-1	6.28	0.24	0.94	0.0	0.0	6.710	1286.	33.	7.	758.1	26.3	1
453	0	536	37.1932	88.3091	-1035.5	QT-1	4.40	2.82	0.49	0.640	5.725	8.941	1248.	29.	11.	759.2	26.3	1
454	10	532	37.1932	88.3098	-1035.5	QT-1	5.85	1.50	0.79	0.0	0.0	7.377	1199.	42.	7.	759.7	26.3	1
455	10	532	37.1932	88.3105	-1035.7	QAL	5.58	1.21	0.59	0.0	0.0	9.442	1126.	37.	12.	758.7	26.3	1
456	10	540	37.1932	88.3112	-1036.2	QAL	3.93	0.99	0.90	0.0	0.0	4.391	1100.	48.	11.	758.7	26.3	1
457	0	536	37.1932	88.3119	-1035.5	QAL	3.41	2.51	0.93	0.738	2.718	3.681	1156.	35.	6.	759.7	26.3	1
458	0	532	37.1932	88.3126	-1036.0	QAL	6.83	1.91	0.76	0.280	2.509	8.968	1195.	31.	7.	759.2	26.3	1
459	0	528	37.1931	88.3133	-1035.7	QAL	4.39	3.54	0.68	0.806	5.187	6.439	1192.	38.	5.	758.1	26.3	1
460	0	528	37.1931	88.3140	-1035.5	QAL	5.59	2.19	0.89	0.391	2.460	6.291	1257.	35.	6.	759.2	26.3	1
461	0	524	37.1931	88.3147	-1035.2	QAL	5.05	2.48	0.89	0.492	2.784	5.662	1229.	42.	1.	760.2	26.3	1
462	0	520	37.1931	88.3155	-1035.7	QAL	4.40	2.08	0.58	0.472	3.584	7.593	1174.	44.	6.	759.2	26.2	1
463	0	516	37.1931	88.3162	-1036.7	QAL	6.39	2.28	0.60	0.357	3.825	10.718	1145.	44.	8.	758.1	26.3	1
464	0	516	37.1931	88.3169	-1035.5	QAL	4.73	2.53	0.66	0.535	3.815	7.136	1186.	36.	6.	760.2	26.2	1
465	0	512	37.1931	88.3176	-1035.7	QAL	4.49	2.86	0.63	0.637	4.515	7.088	1230.	37.	9.	760.2	26.3	1
466	0	512	37.1930	88.3183	-1036.7	QAL	6.07	2.55	0.68	0.420	3.775	8.991	1240.	49.	11.	759.2	26.3	1
467	0	508	37.1930	88.3190	-1036.2	QAL	7.62	2.11	0.80	0.277	2.641	9.518	1296.	45.	5.	760.2	26.3	1
468	0	508	37.1930	88.3197	-1036.5	QAL	6.11	2.95	0.49	0.483	6.055	12.534	1290.	40.	6.	761.2	26.2	1
469	0	508	37.1930	88.3204	-1035.7	QAL	6.94	1.89	0.81	0.273	2.340	8.578	1416.	32.	7.	759.7	26.2	1
470	0	508	37.1930	88.3211	-1036.5	QAL	4.46	3.92	0.85	0.880	4.622	5.254	1413.	43.	6.	759.7	26.2	1
471	0	528	37.1930	88.3218	-1037.5	QAL	4.70	2.39	1.34	0.507	1.777	3.503	1451.	40.	4.	760.7	26.2	1
472	0	532	37.1930	88.3226	-1037.2	QAL	8.68	3.71	1.23	0.428	3.025	7.071	1674.	34.	4.	760.7	26.2	1
473	0	492	37.1929	88.3233	-1037.2	QAL	9.68	3.13	1.17	0.323	2.668	8.260	1502.	38.	0.	759.7	26.3	1
474	0	488	37.1929	88.3240	-1036.7	QAL	6.59	3.69	1.12	0.560	3.300	5.889	1487.	38.	1.	760.7	26.2	1
475	0	476	37.1930	88.3247	-1036.5	QAL	5.42	2.02	1.35	0.373	1.493	4.003	1446.	35.	4.	759.7	26.3	1
476	0	468	37.1929	88.3253	-1037.2	QAL	7.81	3.74	0.95	0.480	3.944	8.224	1456.	38.	0.	759.2	26.3	1
477	0	476	37.1929	88.3260	-1037.0	QAL	8.34	2.49	1.04	0.299	2.389	7.991	1449.	39.	0.	761.2	26.3	1

CP9 1P12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
478	0	524	37.1929	88.3268	-1036.7	QAL	7.90	5.32	1.08	0.674	4.945	7.341	1626.	34.	0.	761.2	26.2	1
479	0	524	37.1929	88.3275	-1037.7	QAL	7.79	4.30	0.90	0.552	4.756	8.618	1660.	43.	0.	759.2	26.2	1
480	0	528	37.1929	88.3282	-1036.7	QAL	9.23	2.31	1.17	0.251	1.978	7.894	1609.	47.	1.	760.2	26.2	1
481	0	528	37.1929	88.3289	-1037.0	QAL	8.16	2.00	1.49	0.245	1.338	5.467	1760.	61.	4.	761.2	26.3	1
482	0	532	37.1929	88.3297	-1037.2	QAL	8.01	2.96	1.06	0.370	2.789	7.546	1764.	43.	8.	760.2	26.2	1
483	0	536	37.1928	88.3304	-1037.5	QAL	9.01	2.60	1.21	0.289	2.142	7.424	1727.	41.	6.	759.7	26.2	1
484	10	536	37.1928	88.3311	-1037.5	QAL	9.16	1.26	1.21	0.0	0.0	7.595	1777.	59.	12.	759.7	26.2	1
485	0	536	37.1928	88.3317	-1037.5	QAL	7.40	2.00	1.18	0.270	1.695	6.272	1799.	40.	10.	759.7	26.3	1
486	0	540	37.1928	88.3325	-1038.0	QAL	8.24	4.44	0.79	0.539	5.644	10.468	1746.	41.	6.	758.7	26.3	1
487	0	548	37.1928	88.3332	-1037.7	QAL	8.84	4.12	1.22	0.466	3.368	7.221	1795.	41.	11.	759.7	26.3	1
488	0	544	37.1928	88.3339	-1038.2	QAL	8.01	3.68	1.16	0.460	3.185	6.919	1649.	41.	5.	760.7	26.3	1
489	0	544	37.1927	88.3346	-1038.0	QAL	7.23	6.34	1.16	0.877	5.452	6.219	1692.	41.	1.	759.7	26.3	1
490	0	552	37.1927	88.3353	-1036.5	QAL	6.92	2.03	1.44	0.293	1.410	4.814	1686.	41.	5.	758.7	26.3	1
491	0	556	37.1927	88.3360	-1037.5	QAL	7.47	5.07	1.10	0.678	4.605	6.789	1721.	35.	0.	760.7	26.3	1
492	0	556	37.1927	88.3368	-1039.0	QAL	7.01	2.58	1.68	0.368	1.534	4.169	1743.	41.	0.	760.7	26.2	1
493	0	556	37.1927	88.3375	-1038.7	QAL	6.16	5.75	0.87	0.934	6.595	7.058	1681.	39.	0.	759.2	26.2	1
494	0	552	37.1927	88.3381	-1038.7	QAL	10.32	2.22	1.25	0.215	1.780	8.274	1734.	27.	0.	759.2	26.2	1
495	0	548	37.1927	88.3389	-1038.0	QAL	6.11	4.36	1.64	0.713	2.652	3.717	1796.	37.	0.	760.2	26.2	1
496	0	544	37.1926	88.3396	-1038.5	QAL	7.42	5.35	0.73	0.721	7.326	10.162	1666.	47.	0.	759.7	26.2	1
497	0	540	37.1926	88.3403	-1039.7	QAL	8.33	2.87	1.18	0.344	2.433	7.067	1592.	55.	0.	758.7	26.3	1
498	0	540	37.1926	88.3410	-1038.7	QAL	6.61	3.28	0.75	0.496	4.346	8.768	1559.	55.	0.	759.7	26.3	1
499	0	540	37.1926	88.3417	-1038.5	QAL	6.96	3.45	0.82	0.496	4.218	8.504	1433.	38.	0.	760.2	26.3	1
500	0	544	37.1926	88.3424	-1040.0	QAL	6.61	2.80	1.08	0.423	2.588	6.119	1375.	41.	0.	759.2	26.4	1
501	0	552	37.1926	88.3432	-1039.0	QAL	5.46	2.88	0.75	0.527	3.837	7.277	1223.	36.	0.	759.2	26.5	1
502	10	572	37.1926	88.3439	-1038.5	QAL	6.24	1.02	0.74	0.0	0.0	8.380	1067.	38.	0.	760.2	26.5	1
503	10	584	37.1926	88.3445	-1039.0	QAL	4.93	0.89	0.60	0.0	0.0	8.191	849.	44.	2.	758.1	26.4	1
504	10	584	37.1926	88.3452	-1039.5	QAL	3.13	0.59	0.79	0.0	0.0	3.985	764.	45.	5.	759.2	26.3	1
505	10	584	37.1926	88.3460	-1039.7	QAL	4.41	1.59	0.34	0.0	0.0	12.836	794.	36.	7.	760.7	26.3	1
506	10	584	37.1925	88.3467	-1040.5	MCL	2.05	1.12	0.67	0.0	0.0	3.060	811.	32.	8.	758.7	26.3	1
507	10	584	37.1925	88.3474	-1039.5	MCL	4.73	0.36	0.45	0.0	0.0	10.436	888.	33.	12.	757.6	26.3	1
508	10	556	37.1925	88.3481	-1038.7	MCL	4.80	1.16	0.33	0.0	0.0	14.413	921.	49.	12.	759.2	26.3	1
509	10	552	37.1925	88.3488	-1038.5	MCL	4.32	0.99	0.52	0.0	0.0	8.348	1050.	40.	16.	759.2	26.3	1
510	0	552	37.1925	88.3495	-1039.5	MCL	5.88	2.09	0.70	0.354	2.981	8.411	1220.	38.	12.	758.1	26.3	1
511	0	548	37.1925	88.3503	-1040.0	QT-1	3.30	3.37	0.53	1.021	6.368	6.239	1138.	53.	9.	759.2	26.3	1
512	10	544	37.1924	88.3509	-1039.5	QT-1	8.01	-0.28	1.04	0.0	0.0	7.671	1346.	38.	13.	760.2	26.3	1
513	10	536	37.1924	88.3516	-1039.7	QT-1	6.24	0.63	0.98	0.0	0.0	6.359	1165.	50.	9.	758.7	26.3	1
514	0	528	37.1924	88.3524	-1039.5	QT-1	3.72	3.41	0.82	0.917	4.168	4.544	1229.	38.	4.	758.7	26.3	1
515	0	524	37.1924	88.3530	-1040.5	QT-1	5.44	3.27	0.78	0.602	4.220	7.016	1336.	29.	4.	760.7	26.3	1
516	10	516	37.1924	88.3538	-1040.0	QT-1	7.03	1.23	0.94	0.0	0.0	7.460	1329.	40.	3.	760.2	26.3	1
517	0	508	37.1924	88.3545	-1039.5	QT-1	6.10	5.04	0.49	0.826	10.295	12.458	1176.	49.	1.	758.1	26.3	1
518	10	504	37.1924	88.3552	-1040.2	QT-1	4.54	1.41	0.73	0.0	0.0	6.260	1239.	42.	3.	759.2	26.3	1
519	10	504	37.1923	88.3559	-1040.2	QT-1	7.08	-0.11	1.02	0.0	0.0	6.939	1249.	43.	5.	761.2	26.3	1
520	0	500	37.1923	88.3566	-1040.2	QT-1	5.34	2.63	0.73	0.493	3.611	7.324	1219.	35.	7.	760.2	26.3	1
521	0	500	37.1923	88.3573	-1040.2	QT-1	5.30	2.69	0.81	0.506	3.299	6.515	1238.	37.	4.	758.7	26.3	1
522	0	496	37.1923	88.3580	-1039.0	QT-1	5.73	2.52	0.59	0.441	4.311	9.786	1216.	37.	5.	759.7	26.3	1
523	0	496	37.1923	88.3587	-1039.2	QT-1	6.21	2.82	0.68	0.454	4.149	9.142	1246.	35.	6.	760.7	26.4	1
524	0	492	37.1923	88.3594	-1041.2	QT-1	5.93	1.64	0.91	0.277	1.801	6.503	1203.	46.	4.	760.2	26.4	1
525	10	492	37.1923	88.3602	-1040.5	QT-1	7.08	1.08	0.61	0.0	0.0	11.544	1155.	48.	7.	759.2	26.4	1
526	10	488	37.1922	88.3609	-1040.5	QT-1	6.51	.21	0.81	0.0	0.0	8.035	1183.	42.	8.	759.7	26.5	1
527	0	484	37.1922	88.3616	-1040.5	QT-1	4.89	.77	0.73	0.362	2.428	6.702	1251.	32.	8.	761.8	26.5	1
528	0	476	37.1922	88.3623	-1040.2	QT-1	5.37	3.61	0.62	0.672	5.787	8.613	1187.	53.	4.	761.8	26.5	1
529	10	476	37.1922	88.3629	-1041.2	QT-1	4.06	0.24	1.06	0.0	0.0	3.851	1177.	50.	9.	759.7	26.5	1
530	10	472	37.1922	88.3637	-1041.2	QT-1	6.39	0.47	0.87	0.0	0.0	7.356	1243.	52.	6.	760.7	26.5	1

CP9 IP12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
531	0	468	37.1922	88.3643	-1041.7	QT-1	5.63	1.84	0.82	0.327	2.253	6.888	1223.	38.	7.	761.8	26.5	1
532	10	472	37.1921	88.3651	-1042.0	QT-1	5.93	1.13	0.84	0.0	0.0	7.018	1254.	42.	9.	760.7	26.5	1
533	10	472	37.1921	88.3658	-1042.2	QT-1	6.31	1.55	0.78	0.0	0.0	8.047	1166.	49.	6.	759.7	26.6	1
534	0	476	37.1921	88.3665	-1042.7	QT-1	6.08	2.38	0.83	0.391	2.866	7.333	1281.	46.	4.	760.7	26.5	1
535	0	476	37.1921	88.3673	-1041.7	QT-1	7.50	2.19	0.94	0.292	2.339	8.022	1291.	35.	2.	761.8	26.5	1
536	10	480	37.1921	88.3680	-1041.7	QT-1	6.72	1.52	0.93	0.0	0.0	7.208	1246.	40.	5.	759.7	26.5	1
537	10	480	37.1921	88.3687	-1041.7	QT-1	4.31	1.26	1.00	0.0	0.0	4.305	1213.	52.	7.	759.7	26.5	1
538	0	480	37.1921	88.3693	-1040.5	QT-1	5.98	3.01	0.74	0.504	4.079	8.094	1302.	37.	6.	761.8	26.5	1
539	10	484	37.1920	88.3700	-1041.7	QT-1	5.72	1.17	1.03	0.0	0.0	5.549	1287.	40.	9.	760.7	26.5	1
540	10	488	37.1920	88.3707	-1043.7	QT-1	7.29	0.59	0.97	0.0	0.0	7.553	1305.	33.	10.	759.2	26.5	1
541	0	496	37.1920	88.3715	-1044.5	QT-1	6.50	1.84	1.11	0.283	1.657	5.844	1301.	28.	8.	760.2	26.6	1
542	10	508	37.1920	88.3722	-1044.2	QT-1	6.48	0.05	0.87	0.0	0.0	7.407	1228.	40.	12.	760.2	26.6	1
543	10	512	37.1920	88.3729	-1042.5	QT-1	5.49	1.57	0.79	0.0	0.0	6.955	1130.	39.	11.	759.2	26.7	1
544	10	516	37.1920	88.3737	-1044.0	QT-1	5.77	1.24	0.59	0.0	0.0	9.747	1012.	38.	4.	759.2	26.7	1
545	10	524	37.1920	88.3744	-1045.0	QT-1	5.93	1.42	0.55	0.0	0.0	10.860	990.	44.	2.	760.2	26.8	1
546	10	544	37.1919	88.3751	-1044.7	QT-1	2.87	1.30	0.76	0.0	0.0	3.771	830.	49.	5.	760.7	26.6	1
547	0	544	37.1919	88.3757	-1045.2	QT-1	2.79	3.09	0.35	1.105	8.870	8.024	657.	44.	1.	759.7	26.6	1
548	0	536	37.1919	88.3764	-1047.0	QAL	2.37	2.79	0.28	1.178	9.892	8.397	548.	36.	1.	759.7	26.6	1
549	0	528	37.1919	88.3772	-1045.0	QAL	3.68	1.77	0.41	0.483	4.323	8.955	609.	45.	0.	761.8	26.5	1
550	0	512	37.1919	88.3779	-1046.0	QAL	3.19	2.10	0.44	0.658	4.824	7.328	691.	41.	0.	760.7	26.3	1
551	0	480	37.1919	88.3786	-1047.2	QAL	3.96	2.53	0.37	0.640	6.802	10.630	844.	47.	3.	759.7	26.5	1
552	0	468	37.1918	88.3793	-1047.2	QAL	4.00	1.31	0.84	0.328	1.555	4.736	1033.	49.	0.	760.7	26.5	1
553	10	464	37.1918	88.3800	-1048.0	QAL	6.19	0.51	0.96	0.0	0.0	6.439	1177.	52.	1.	762.8	26.6	1
554	0	448	37.1919	88.3808	-1048.7	QAL	5.72	3.08	0.89	0.539	3.472	6.444	1274.	33.	2.	762.8	26.6	1
555	0	424	37.1919	88.3813	-1049.2	QT-1	3.86	2.67	0.76	0.693	3.512	5.068	1087.	44.	5.	759.7	26.6	1
556	10	396	37.1919	88.3821	-1049.2	QT-1	2.09	0.85	0.59	0.0	0.0	3.552	828.	41.	8.	760.7	26.6	1
557	0	400	37.1919	88.3828	-1048.7	QT-1	2.24	1.29	0.42	0.576	3.065	5.324	649.	32.	5.	762.8	26.6	1
558	10	404	37.1919	88.3835	-1047.7	MM	2.56	0.72	0.52	0.0	0.0	4.895	668.	25.	10.	761.8	26.6	1
559	10	376	37.1919	88.3842	-1046.2	MM	2.33	-0.00	0.47	0.0	0.0	5.001	631.	45.	8.	760.7	26.6	1
560	0	360	37.1919	88.3849	-1044.5	MM	2.91	1.95	0.32	0.669	6.171	9.227	748.	36.	7.	761.8	26.7	1
561	0	344	37.1919	88.3856	-1044.0	MM	3.47	1.52	0.44	0.439	3.459	7.885	861.	58.	5.	762.8	26.8	1
562	0	340	37.1919	88.3863	-1048.2	MM	3.94	1.63	1.00	0.414	1.638	3.959	1128.	43.	8.	762.8	26.8	1
563	0	352	37.1919	88.3870	-1053.2	MM	5.40	2.08	1.00	0.385	2.078	5.400	1296.	38.	4.	761.8	26.8	1
564	10	352	37.1920	88.3877	-1053.0	MCL	7.70	0.77	1.03	0.0	0.0	7.505	1369.	46.	5.	761.8	26.8	1
565	0	304	37.1920	88.3884	-1052.0	MCL	6.87	2.71	0.73	0.394	3.719	9.434	1326.	40.	0.	762.8	26.8	1
566	0	364	37.1920	88.3891	-1051.2	MCL	6.64	3.39	1.02	0.510	3.337	6.543	1543.	39.	4.	762.8	26.8	1
567	0	368	37.1920	88.3898	-1050.5	MCL	6.81	3.57	1.23	0.524	2.900	5.533	1584.	38.	2.	761.8	26.8	1
568	0	372	37.1920	88.3905	-1050.7	MCL	7.70	1.98	1.17	0.257	1.694	6.588	1589.	31.	1.	760.7	26.8	1
569	0	376	37.1920	88.3912	-1050.2	MCL	7.94	2.61	1.23	0.329	2.120	6.445	1603.	37.	2.	761.8	26.8	1
570	0	332	37.1920	88.3919	-1050.5	MCL	7.05	2.61	0.72	0.370	3.634	9.815	1372.	32.	1.	763.8	26.8	1
571	0	372	37.1920	88.3925	-1051.0	MCL	6.19	2.34	1.09	0.379	2.158	5.692	1523.	27.	3.	761.8	26.9	1
572	0	368	37.1920	88.3933	-1051.5	MCL	9.36	1.92	1.05	0.205	1.832	8.916	1469.	30.	2.	759.7	26.8	1
573	0	320	37.1920	88.3940	-1052.0	MCL	4.45	3.20	1.12	0.719	2.848	3.960	1353.	29.	5.	761.2	26.8	1
574	0	300	37.1920	88.3946	-1051.7	MCL	4.69	2.28	1.03	0.487	2.211	4.539	1301.	39.	5.	762.3	26.7	1
575	0	320	37.1920	88.3954	-1052.0	MM	5.97	2.82	1.01	0.473	2.784	5.883	1339.	45.	3.	760.7	26.6	1
576	0	344	37.1920	88.3961	-1051.5	MM	5.90	2.54	0.76	0.430	3.338	7.761	1395.	38.	4.	758.7	26.6	1
577	0	344	37.1920	88.3968	-1050.5	MM	6.91	2.66	0.86	0.385	3.099	8.044	1325.	43.	0.	758.7	26.5	1
578	0	356	37.1920	88.3975	-1050.0	MM	5.54	2.84	1.03	0.512	2.764	5.402	1297.	30.	1.	760.2	26.4	1
579	0	348	37.1921	88.3982	-1051.5	MM	7.69	3.20	0.61	0.416	5.209	12.534	1268.	35.	1.	759.7	26.3	1
580	10	356	37.1921	88.3989	-1051.5	MM	6.98	0.39	1.00	0.0	0.0	7.006	1236.	31.	4.	758.7	26.3	1
581	0	364	37.1921	88.3996	-1051.2	MM	7.40	1.98	0.74	0.267	2.668	9.990	1214.	36.	0.	758.7	26.3	1
582	0	404	37.1921	88.4003	-1051.2	MM	8.09	2.40	0.92	0.297	2.612	8.794	1393.	45.	0.	759.7	26.3	1
583	0	464	37.1921	88.4010	-1052.0	MM	5.64	2.54	0.89	0.451	2.863	6.349	1343.	50.	2.	760.7	26.3	1

CP9 1P 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
584	0	488	37.1921	88.4017	-1051.2	MM	7.63	2.40	0.83	0.314	2.894	9.213	1396.	44.	0.	759.7	26.3	1
585	0	512	37.1922	88.4023	-1051.2	QAL	6.47	2.48	1.33	0.383	1.865	4.874	1520.	30.	2.	758.7	26.3	1
586	0	520	37.1922	88.4030	-1051.7	QAL	7.17	2.04	0.94	0.285	2.171	7.622	1428.	43.	2.	760.7	26.3	1
587	0	520	37.1922	88.4038	-1051.5	QAL	5.69	3.03	1.25	0.533	2.418	4.539	1494.	34.	5.	761.8	26.3	1
588	0	508	37.1922	88.4045	-1051.7	QAL	7.54	4.04	0.83	0.536	4.839	9.034	1534.	37.	7.	760.2	26.3	1
589	10	500	37.1922	88.4051	-1051.7	QAL	7.82	1.39	1.01	0.0	0.0	7.752	1529.	39.	10.	759.2	26.3	1
590	10	492	37.1922	88.4058	-1051.5	QAL	9.08	1.20	0.97	0.0	0.0	9.363	1507.	32.	10.	759.7	26.3	1
591	10	484	37.1922	88.4066	-1052.0	QAL	7.46	-0.69	1.31	0.0	0.0	5.710	1523.	33.	14.	760.7	26.4	1
592	0	480	37.1922	88.4072	-1051.5	QAL	4.95	3.80	0.92	0.768	4.142	5.390	1566.	41.	10.	761.8	26.5	1
593	10	472	37.1922	88.4079	-1051.7	QAL	7.26	0.37	1.16	0.0	0.0	6.235	1607.	34.	8.	760.7	26.5	1
594	0	468	37.1922	88.4086	-1051.7	QAL	8.73	1.98	1.28	0.227	1.550	6.833	1595.	30.	8.	759.7	26.6	1
595	0	464	37.1922	88.4093	-1050.7	QAL	9.09	2.19	1.22	0.241	1.793	7.452	1655.	37.	6.	761.8	26.6	1
596	0	460	37.1923	88.4100	-1051.7	QAL	7.27	2.59	1.05	0.356	2.462	6.913	1535.	32.	4.	762.8	26.6	1
597	0	460	37.1923	88.4107	-1052.5	QAL	7.80	3.83	0.92	0.491	4.158	8.468	1463.	39.	5.	761.8	26.6	1
598	0	456	37.1923	88.4115	-1052.2	QAL	9.33	3.15	1.00	0.338	3.164	9.358	1633.	39.	2.	759.7	26.6	1
599	0	460	37.1923	88.4122	-1052.7	QAL	9.83	1.71	1.10	0.174	1.557	8.968	1653.	35.	0.	760.7	26.6	1
600	0	464	37.1923	88.4128	-1051.7	QAL	7.13	2.58	1.44	0.362	1.791	4.948	1638.	33.	4.	761.8	26.6	1
601	0	460	37.1923	88.4135	-1051.0	QAL	7.83	2.53	1.46	0.323	1.739	5.380	1657.	38.	3.	762.8	26.6	1
602	0	456	37.1923	88.4142	-1050.2	QAL	8.24	4.07	1.23	0.494	3.305	6.693	1733.	37.	0.	761.8	26.6	1
603	0	452	37.1923	88.4149	-1051.2	QAL	5.82	4.64	1.00	0.797	4.633	5.810	1654.	43.	3.	760.7	26.6	1
604	0	448	37.1924	88.4156	-1051.2	QAL	5.56	2.48	1.49	0.445	1.661	3.730	1612.	44.	1.	760.7	26.5	1
605	0	448	37.1924	88.4163	-1052.0	QAL	8.56	2.89	1.13	0.337	2.550	7.562	1692.	38.	2.	761.8	26.6	1
606	0	448	37.1924	88.4170	-1050.2	QAL	8.43	2.84	1.28	0.337	2.216	6.579	1696.	50.	1.	762.8	26.5	1
607	0	448	37.1924	88.4177	-1050.5	QAL	9.37	2.36	1.13	0.252	2.086	8.269	1722.	32.	4.	762.8	26.6	1
608	0	444	37.1924	88.4184	-1051.0	QAL	4.67	2.12	1.37	0.454	1.552	3.419	1629.	32.	7.	760.7	26.5	1
609	0	452	37.1924	88.4191	-1050.2	QAL	7.89	2.81	1.13	0.356	2.485	6.987	1646.	42.	5.	760.7	26.5	1
610	0	464	37.1924	88.4198	-1050.5	QAL	8.41	2.28	1.48	0.271	1.539	5.676	1839.	40.	9.	762.8	26.5	1
611	10	464	37.1924	88.4205	-1051.0	QAL	8.43	1.00	1.55	0.0	0.0	5.443	1688.	44.	8.	762.8	26.6	1
612	0	464	37.1925	88.4212	-1050.7	QAL	8.75	3.49	1.32	0.399	2.645	6.623	1827.	41.	8.	761.8	26.6	1
613	0	468	37.1925	88.4219	-1052.5	QAL	8.01	3.78	1.28	0.472	2.947	6.246	1763.	38.	4.	761.8	26.6	1
614	0	476	37.1925	88.4225	-1051.0	QAL	9.27	1.83	1.26	0.197	1.449	7.336	1896.	39.	7.	760.7	26.6	1
615	0	480	37.1925	88.4233	-1049.2	QAL	10.79	1.87	1.58	0.173	1.180	6.819	1945.	34.	1.	761.8	26.6	1
616	0	476	37.1925	88.4240	-1050.5	QAL	8.43	2.49	1.38	0.295	1.802	6.109	1850.	41.	0.	762.8	26.6	1
617	0	476	37.1925	88.4247	-1049.5	QAL	11.17	1.87	1.52	0.167	1.225	7.329	1951.	36.	0.	761.2	26.6	1
618	0	472	37.1925	88.4254	-1047.2	QAL	11.30	2.97	1.60	0.263	1.853	7.057	1837.	31.	0.	760.2	26.5	1
619	0	472	37.1925	88.4260	-1048.5	QAL	7.34	3.67	1.88	0.501	1.958	3.910	1839.	36.	0.	760.7	26.4	1
620	0	476	37.1926	88.4268	-1048.0	QAL	7.71	3.81	1.20	0.494	3.169	6.415	1782.	44.	0.	761.8	26.3	1
621	0	476	37.1926	88.4275	-1047.2	QAL	7.68	3.76	1.46	0.489	2.572	5.258	1835.	38.	0.	762.8	26.3	1
622	0	472	37.1926	88.4281	-1048.2	QAL	8.46	3.64	1.38	0.430	2.631	6.119	1848.	34.	3.	761.8	26.3	1
623	0	484	37.1926	88.4289	-1048.5	QAL	7.25	2.41	1.59	0.333	1.514	4.552	1926.	49.	9.	759.7	26.3	1
624	0	488	37.1926	88.4296	-1047.5	QAL	7.20	2.67	1.37	0.371	1.947	5.252	1722.	36.	9.	760.7	26.3	1
625	10	484	37.1926	88.4302	-1046.7	QAL	8.94	0.59	1.44	0.0	0.0	6.215	1596.	34.	11.	762.3	26.4	1
626	10	488	37.1926	88.4310	-1046.5	QAL	7.18	1.72	1.54	0.0	0.0	4.650	1703.	46.	11.	762.3	26.5	1
627	0	496	37.1926	88.4317	-1046.7	QAL	8.94	2.28	1.34	0.255	1.698	6.661	1505.	41.	9.	761.2	26.5	1
628	10	496	37.1926	88.4324	-1046.5	QAL	3.60	1.43	0.78	0.0	0.0	4.622	1172.	31.	11.	760.2	26.5	1
629	10	508	37.1926	88.4330	-1047.0	QAL	3.76	0.13	0.33	0.0	0.0	11.276	768.	41.	14.	760.7	26.5	1
630	10	512	37.1926	88.4337	-1046.5	QAL	1.56	1.09	0.38	0.0	0.0	4.126	521.	45.	9.	761.8	26.5	1
631	0	512	37.1926	88.4345	-1046.5	(WATER)	2.12	1.52	0.27	0.720	5.614	7.797	450.	23.	4.	761.8	26.5	1
632	10	504	37.1926	88.4352	-1045.7	(WATER)	2.89	-0.27	0.22	0.0	0.0	13.026	303.	49.	4.	760.7	26.5	1
633	10	508	37.1926	88.4358	-1044.5	(WATER)	2.45	-0.83	0.32	0.0	0.0	7.607	286.	37.	4.	759.7	26.6	1
634	111	508	37.1927	88.4366	-1045.7	(WATER)	0.94	-0.20	0.08	0.0	0.0	0.0	184.	26.	2.	761.8	26.5	1
635	111	504	37.1927	88.4372	-1046.0	(WATER)	0.72	0.59	0.01	0.0	0.0	0.0	173.	36.	2.	762.8	26.6	1
636	111	504	37.1927	88.4380	-1045.5	(WATER)	-0.00	0.03	0.04	0.0	0.0	0.0	76.	40.	0.	760.7	26.6	1

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
637	111	504	37.1927	88.4386	-1046.0	(WATER)	0.25	0.12	0.05	0.0	0.0	0.0	62.	36.	1.	759.7	26.5	1
638	11	504	37.1927	88.4393	-1044.7	(WATER)	1.27	0.42	-0.06	0.0	0.0	0.0	56.	33.	0.	760.7	26.5	1
639	111	504	37.1927	88.4400	-1045.0	(WATER)	0.43	0.65	-0.06	0.0	0.0	0.0	90.	41.	0.	761.8	26.5	1
640	111	504	37.1927	88.4407	-1045.7	(WATER)	0.36	0.04	0.10	0.0	0.0	0.0	50.	39.	0.	762.8	26.5	1
641	111	500	37.1927	88.4414	-1044.7	(WATER)	0.27	0.17	0.05	0.0	0.0	0.0	101.	42.	0.	761.8	26.5	1
642	111	500	37.1927	88.4421	-1043.5	QAL	0.91	-1.00	0.07	0.0	0.0	0.0	97.	38.	0.	759.7	26.5	1
643	101	496	37.1927	88.4429	-1043.0	QAL	-0.13	1.71	0.04	0.0	0.0	0.0	154.	47.	0.	760.7	26.6	1
644	101	492	37.1928	88.4435	-1043.0	QAL	0.09	1.34	0.06	0.0	0.0	0.0	237.	43.	3.	761.8	26.5	1
645	0	496	37.1928	88.4442	-1043.0	QAL	2.05	2.67	0.22	1.303	12.078	9.273	503.	45.	0.	761.8	26.6	1
646	0	500	37.1928	88.4450	-1041.7	QAL	4.19	1.78	0.73	0.424	2.452	5.780	882.	31.	0.	760.2	26.6	1
647	0	488	37.1928	88.4457	-1042.0	QAL	4.26	2.71	1.05	0.636	2.580	4.056	1261.	43.	0.	759.2	26.6	1
648	0	496	37.1928	88.4463	-1041.7	QAL	7.36	4.29	1.15	0.583	3.728	6.389	1581.	37.	0.	760.2	26.6	1
649	0	508	37.1928	88.4470	-1041.2	QAL	8.38	2.87	1.31	0.343	2.201	6.420	1651.	43.	0.	761.2	26.5	1
650	0	512	37.1928	88.4477	-1040.0	QAL	6.66	2.98	1.49	0.448	2.007	4.478	1681.	47.	0.	761.2	26.5	1
651	0	512	37.1928	88.4484	-1040.0	QAL	5.88	3.72	1.34	0.633	2.782	4.396	1640.	46.	1.	760.7	26.5	1
652	0	508	37.1929	88.4491	-1039.7	QAL	8.76	3.39	1.20	0.387	2.819	7.287	1684.	34.	2.	759.7	26.5	1
653	0	508	37.1929	88.4498	-1038.2	QAL	6.99	3.13	1.41	0.448	2.214	4.946	1543.	46.	0.	759.7	26.5	1
654	0	508	37.1929	88.4505	-1038.0	QAL	5.57	3.14	1.26	0.564	2.484	4.404	1485.	50.	0.	760.7	26.4	1
655	0	452	37.1929	88.4512	-1037.5	QAL	8.73	1.90	1.48	0.218	1.285	5.902	1551.	35.	2.	761.8	26.5	1
656	0	484	37.1929	88.4519	-1037.2	QAL	8.39	1.82	1.35	0.217	1.355	6.238	1725.	47.	3.	760.7	26.5	1
657	0	500	37.1929	88.4526	-1036.7	QAL	9.51	2.71	1.32	0.285	2.054	7.217	1800.	37.	2.	759.7	26.5	1
658	10	500	37.1929	88.4533	-1036.2	QAL	10.17	1.56	1.60	0.0	0.0	6.348	1857.	42.	3.	759.7	26.5	1
659	0	500	37.1929	88.4540	-1037.0	QAL	7.67	3.51	1.65	0.458	2.134	4.661	1840.	49.	0.	760.7	26.5	1
660	0	500	37.1929	88.4547	-1036.7	QAL	8.57	3.53	1.67	0.412	2.114	5.131	1890.	36.	2.	762.8	26.4	1
661	0	500	37.1930	88.4554	-1036.2	QAL	7.44	4.39	1.38	0.589	3.184	5.404	1899.	30.	2.	762.3	26.4	1
662	0	500	37.1930	88.4561	-1035.2	QAL	6.67	4.12	1.52	0.617	2.707	4.389	1706.	45.	2.	760.7	26.3	1
663	0	496	37.1930	88.4568	-1034.5	QAL	5.71	3.84	1.16	0.673	3.321	4.938	1708.	33.	8.	759.7	26.3	1
664	0	492	37.1930	88.4575	-1034.5	QAL	7.94	2.78	1.21	0.350	2.304	6.574	1753.	37.	4.	760.7	26.4	1
665	0	484	37.1930	88.4582	-1034.2	QAL	7.16	4.12	1.22	0.576	3.386	5.880	1662.	53.	2.	761.8	26.4	1
666	0	476	37.1930	88.4588	-1033.5	QAL	8.76	2.20	1.12	0.251	1.967	7.846	1556.	40.	3.	762.8	26.4	1
667	0	472	37.1930	88.4595	-1032.7	QAL	8.99	2.00	1.40	0.222	1.423	6.403	1559.	31.	2.	760.7	26.5	1
668	0	472	37.1930	88.4603	-1033.0	QAL	6.00	5.40	1.16	0.899	4.658	5.181	1640.	39.	3.	759.7	26.5	1
669	10	476	37.1930	88.4610	-1032.7	QAL	9.41	0.96	1.24	0.0	0.0	7.593	1528.	30.	6.	760.7	26.6	1
670	0	476	37.1930	88.4616	-1031.2	QAL	5.94	2.24	0.98	0.378	2.300	6.088	1475.	47.	6.	761.8	26.6	1
671	0	428	37.1931	88.4624	-1030.5	QAL	4.52	3.84	0.77	0.850	5.015	5.901	1302.	52.	4.	762.3	26.6	1
672	10	440	37.1931	88.4631	-1029.5	QAL	6.54	1.24	0.96	0.0	0.0	6.793	1357.	34.	5.	762.3	26.6	1
673	0	436	37.1931	88.4637	-1029.7	QAL	5.86	1.91	1.16	0.326	1.640	5.038	1315.	37.	6.	761.2	26.6	1
674	0	408	37.1931	88.4645	-1029.0	QAL	4.93	1.61	0.88	0.327	1.829	5.590	1290.	37.	9.	760.2	26.5	1
675	0	396	37.1931	88.4652	-1028.0	QAL	5.69	1.98	0.93	0.347	2.117	6.093	1344.	39.	10.	760.2	26.5	1
676	0	376	37.1931	88.4659	-1027.2	MCL	4.84	2.03	0.83	0.420	2.451	5.835	1222.	48.	8.	761.2	26.5	1
677	10	372	37.1931	88.4666	-1027.5	MCL	5.62	1.08	0.94	0.0	0.0	6.001	1266.	28.	8.	762.8	26.5	1
678	10	388	37.1931	88.4672	-1025.2	MCL	6.40	0.84	0.99	0.0	0.0	6.485	1337.	37.	8.	762.8	26.5	1
679	0	400	37.1931	88.4680	-1025.0	MCL	4.76	1.70	0.89	0.356	1.898	5.327	1264.	36.	7.	760.7	26.5	1
680	0	392	37.1931	88.4687	-1025.0	MCL	4.90	2.68	0.87	0.546	3.084	5.648	1297.	44.	5.	760.2	26.5	1
681	0	400	37.1931	88.4693	-1024.7	MCL	3.54	1.71	1.11	0.482	1.538	3.189	1221.	47.	6.	760.7	26.5	1
682	0	392	37.1931	88.4700	-1024.5	MCL	5.97	2.62	0.84	0.438	3.096	7.068	1364.	33.	6.	760.7	26.5	1
683	10	372	37.1931	88.4708	-1023.5	MCL	8.44	0.83	0.74	0.0	0.0	11.364	1292.	45.	3.	760.7	26.5	1
684	10	384	37.1931	88.4714	-1022.2	MCL	7.62	0.17	0.95	0.0	0.0	8.044	1323.	24.	4.	761.8	26.5	1
685	0	404	37.1932	88.4721	-1021.5	MCL	4.63	2.87	0.92	0.621	3.126	5.034	1294.	31.	3.	762.3	26.4	1
686	0	388	37.1932	88.4728	-1022.0	MCL	6.84	3.04	0.61	0.445	4.946	11.118	1189.	36.	1.	760.7	26.4	1
687	0	412	37.1932	88.4735	-1021.7	MCL	3.33	2.48	0.75	0.747	3.299	4.418	1169.	51.	4.	759.7	26.5	1
688	0	440	37.1932	88.4742	-1020.7	MCL	6.01	3.00	0.66	0.500	4.535	9.065	1177.	45.	1.	759.7	26.5	1
689	10	464	37.1932	88.4749	-1019.7	MCL	6.59	1.36	0.90	0.0	0.0	7.349	1268.	47.	3.	760.2	26.5	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
690	0	488	37.1932	88.4756	-1019.5	MCL	4.61	2.65	1.04	0.575	2.549	4.433	1348.	30.	1.	761.2	26.6	1
691	0	476	37.1932	88.4764	-1018.5	MCL	4.05	4.33	1.19	1.071	3.650	3.408	1396.	33.	3.	761.8	26.6	1
692	10	480	37.1932	88.4770	-1017.0	MCL	7.76	0.62	0.95	0.0	0.0	8.150	1419.	29.	3.	761.8	26.6	1
693	0	472	37.1933	88.4777	-1015.5	MCL	5.08	3.49	1.03	0.687	3.387	4.932	1431.	46.	4.	761.8	26.5	1
694	0	464	37.1933	88.4784	-1016.5	MCL	7.09	3.30	0.71	0.465	4.653	9.999	1462.	36.	2.	759.7	26.5	1
695	0	456	37.1933	88.4790	-1015.7	MCL	6.70	3.75	0.87	0.560	4.309	7.696	1506.	36.	3.	758.7	26.5	1
696	0	468	37.1933	88.4798	-1013.7	MCL	7.57	2.54	0.99	0.336	2.579	7.670	1507.	35.	1.	759.7	26.5	1
697	0	468	37.1933	88.4805	-1012.5	MCL	8.10	3.88	0.85	0.480	4.554	9.494	1497.	47.	0.	760.7	26.6	1
698	0	472	37.1933	88.4812	-1012.2	MCL	6.68	4.34	1.06	0.650	4.111	6.324	1630.	37.	0.	761.8	26.5	1
699	0	472	37.1933	88.4819	-1012.2	MCL	8.79	2.73	1.00	0.310	2.724	8.777	1394.	34.	0.	762.3	26.5	1
700	0	472	37.1933	88.4826	-1011.2	MCL	6.73	3.32	0.82	0.494	4.069	8.245	1398.	36.	1.	761.2	26.5	1
701	0	468	37.1934	88.4833	-1010.7	MCL	5.55	3.01	0.69	0.542	4.328	7.980	1434.	33.	2.	760.2	26.5	1
702	0	456	37.1934	88.4840	-1009.5	MCL	7.50	1.70	0.91	0.227	1.871	8.241	1410.	36.	3.	759.2	26.3	1
703	0	448	37.1934	88.4847	-1009.0	MCL	6.93	3.01	0.90	0.434	3.330	7.679	1424.	32.	1.	759.2	26.3	1
704	0	412	37.1934	88.4854	-1008.0	MCL	5.33	2.37	0.87	0.445	2.741	6.161	1284.	34.	1.	759.2	26.3	1
705	0	392	37.1934	88.4861	-1007.2	KU	4.82	1.50	0.96	0.312	1.569	5.032	1206.	48.	6.	758.7	26.3	1
706	0	380	37.1934	88.4868	-1006.0	KU	6.99	1.61	0.85	0.230	1.891	8.215	1256.	46.	3.	[illegible].7	26.3	1
707	0	356	37.1934	88.4875	-1005.0	KU	6.28	1.55	0.81	0.247	1.910	7.734	1154.	44.	3.	75[illegible].7	26.3	1
708	0	352	37.1934	88.4882	-1004.2	KU	5.19	1.97	0.62	0.380	3.202	8.430	1151.	35.	2.	760.2	26.3	1
709	10	352	37.1934	88.4889	-1003.5	KU	5.36	0.92	0.72	0.0	0.0	7.437	1214.	46.	9.	759.2	26.5	1
710	0	34[illegible]	37.1934	88.4895	-1002.0	KU	5.11	3.83	0.82	0.750	4.690	6.253	1226.	41.	1.	760.2	26.4	1
711	0	348	37.1934	88.4903	-1001.2	KU	5.31	2.55	0.71	0.481	3.593	7.476	1195.	42.	6.	761.2	26.5	1
712	0	348	37.1934	88.4910	-1000.7	KU	4.43	2.82	0.83	0.636	3.373	5.304	1190.	50.	2.	761.2	26.5	1
713	0	332	37.1934	88.4917	-999.5	KU	5.22	1.31	0.75	0.252	1.754	6.971	1206.	41.	3.	761.8	26.5	1
714	0	312	37.1935	88.4923	-997.5	KU	5.05	1.59	0.70	0.316	2.288	7.242	1165.	40.	1.	761.8	26.5	1
715	0	292	37.1935	88.4931	-996.5	KU	4.36	2.47	0.64	0.566	3.880	6.852	1237.	45.	1.	760.7	26.5	1
716	0	328	37.1935	88.4938	-996.5	QTC-1	7.90	2.65	0.83	0.336	3.176	9.463	1384.	42.	0.	760.7	26.6	1
717	0	348	37.1935	88.4945	-996.0	QTC-1	5.17	4.01	0.94	0.775	4.247	5.481	1361.	44.	3.	760.7	26.6	1
718	10	360	37.1935	88.4952	-993.5	QTC-1	6.70	0.84	1.07	0.0	0.0	6.278	1360.	47.	3.	760.7	26.6	1
719	0	380	37.1935	88.4959	-993.0	QTC-1	7.40	2.41	1.09	0.326	2.205	6.765	1503.	39.	2.	759.7	26.6	1
720	0	388	37.1935	88.4966	-991.5	QTC-1	7.47	3.04	0.80	0.407	3.773	9.280	1414.	42.	0.	759.7	26.5	1
721	10	384	37.1935	88.4972	-990.7	KU	7.23	0.95	1.08	0.0	0.0	6.675	1421.	44.	4.	759.7	26.5	1
722	0	416	37.1935	88.4980	-990.5	KU	7.47	2.42	0.98	0.324	2.466	7.603	1477.	40.	3.	759.7	26.4	1
723	0	[illegible]24	37.1935	88.4987	-989.5	KU	5.74	2.15	1.22	0.376	1.763	4.693	1456.	34.	5.	758.7	26.3	1
724	0	400	37.1935	88.4994	-987.5	KU	5.64	2.75	0.96	0.487	2.867	5.884	1337.	44.	3.	758.7	26.3	1
725	0	384	37.1936	88.5000	-985.7	KU	5.77	3.49	0.95	0.605	3.691	6.101	1252.	47.	1.	758.7	26.3	1
726	0	396	37.1936	88.5007	-985.7	KU	7.59	2.66	0.74	0.350	3.568	10.193	1276.	36.	4.	758.7	26.4	1
727	0	420	37.1936	88.5015	-986.0	KU	5.22	2.08	0.57	0.399	3.685	9.224	1232.	43.	6.	758.7	26.4	1
728	0	408	37.1936	88.5022	-984.0	KU	4.77	2.12	0.71	0.446	2.983	6.692	1161.	32.	3.	758.7	26.3	1
729	0	420	37.1936	88.5028	-982.5	KU	4.05	1.50	0.62	0.372	2.431	6.542	1088.	36.	5.	758.7	26.4	1
730	0	424	37.1936	88.5035	-982.7	KU	5.14	1.62	0.66	0.316	2.446	7.744	1186.	32.	4.	758.7	26.4	1
731	0	416	37.1936	88.5042	-981.0	KU	4.99	1.49	0.78	0.298	1.898	6.367	1126.	29.	4.	758.7	26.4	1
732	0	408	37.1936	88.5049	-979.2	KU	4.40	1.39	0.99	0.317	1.406	4.434	1138.	40.	7.	759.7	26.3	1
733	0	432	37.1937	88.5056	-977.7	KU	4.28	3.13	0.71	0.732	4.432	6.057	1169.	46.	4.	759.7	26.3	1
734	10	460	37.1937	88.5063	-976.5	KU	5.77	1.31	0.89	0.0	0.0	6.460	1301.	30.	8.	759.7	26.4	1
735	10	476	37.1937	88.5071	-976.5	KU	6.28	1.29	0.92	0.0	0.0	6.815	1221.	45.	3.	759.7	26.4	1
736	0	444	37.1937	88.5077	-974.2	KU	5.24	2.87	0.53	0.548	5.412	9.882	1114.	34.	6.	759.7	26.4	1
737	0	472	37.1937	88.5084	-974.0	KU	5.98	3.02	0.48	0.505	6.257	12.401	1117.	45.	3.	758.7	26.3	1
738	0	496	37.1937	88.5092	-972.2	KU	3.70	1.84	0.63	0.498	2.917	5.863	1109.	39.	4.	758.7	26.3	1
739	0	504	37.1937	88.5099	-971.0	QAL	3.70	2.34	0.84	0.635	2.789	4.395	1076.	44.	1.	759.2	26.3	1
740	0	544	37.1937	88.5105	-969.7	QAL	6.38	2.69	0.85	0.422	3.160	7.487	1248.	35.	3.	758.1	26.3	1
741	0	504	37.1937	88.5112	-969.0	QAL	5.96	2.09	0.65	0.351	3.192	9.101	1168.	46.	3.	757.1	26.3	1
742	0	492	37.1938	88.5120	-967.5	QAL	4.73	1.72	0.51	0.364	3.377	9.273	1137.	37.	3.	757.1	26.3	1

CP 9 LP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
743	10	476	37.1938	88.5126	-966.2	QAL	6.76	0.11	0.74	0.0	0.0	9.172	1193.	24.	4.	757.6	26.3	1
744	0	452	37.1938	88.5133	-965.2	QAL	5.53	2.38	0.57	0.431	4.179	9.708	1110.	40.	5.	757.6	26.3	1
745	0	436	37.1938	88.5140	-963.2	QAL	4.13	2.19	0.79	0.529	2.762	5.218	1119.	43.	1.	757.6	26.3	1
746	0	452	37.1938	88.5147	-961.5	KU	5.60	2.39	0.78	0.426	3.072	7.205	1251.	46.	3.	757.6	26.2	1
747	10	484	37.1938	88.5154	-960.0	KU	6.47	0.85	0.97	0.0	0.0	6.645	1403.	36.	8.	757.6	26.3	1
748	10	496	37.1938	88.5161	-959.0	KU	6.49	1.42	1.03	0.0	0.0	6.274	1406.	48.	5.	757.6	26.2	1
749	0	516	37.1938	88.5168	-957.7	KU	7.91	1.98	0.91	0.251	2.169	8.648	1320.	37.	2.	757.6	26.2	1
750	10	528	37.1938	88.5175	-956.2	KU	7.71	1.26	1.25	0.0	0.0	6.174	1389.	44.	4.	758.7	26.3	1
751	10	540	37.1938	88.5182	-953.5	KU	6.35	1.69	1.06	0.0	0.0	6.014	1336.	48.	5.	758.1	26.3	1
752	10	548	37.1938	88.5189	-952.5	KU	3.92	0.94	1.18	0.0	0.0	3.338	1460.	34.	11.	757.1	26.3	1
753	10	552	37.1938	88.5196	-952.2	QAL	8.59	0.77	1.14	0.0	0.0	7.538	1465.	43.	8.	758.1	26.3	1
754	0	556	37.1938	88.5203	-951.5	QAL	5.76	3.24	1.16	0.562	2.800	4.982	1429.	40.	6.	758.1	26.3	1
755	0	560	37.1938	88.5210	-950.0	QAL	6.50	2.30	1.10	0.353	2.093	5.922	1373.	53.	2.	758.1	26.3	1
756	0	556	37.1938	88.5217	-948.0	KU	6.19	3.07	1.10	0.496	2.786	5.621	1455.	46.	6.	758.1	26.3	1
757	10	552	37.1939	88.5224	-947.0	KU	8.54	0.42	0.97	0.0	0.0	8.816	1445.	51.	7.	758.7	26.3	1
758	10	544	37.1939	88.5230	-945.7	KU	7.81	1.65	0.71	0.0	0.0	11.036	1367.	53.	7.	758.7	26.3	1
759	0	544	37.1939	88.5237	-944.5	KU	6.69	3.54	0.97	0.528	3.644	6.896	1401.	39.	1.	758.7	26.3	1
760	0	544	37.1939	88.5245	-942.5	KU	4.83	4.05	1.17	0.838	3.464	4.133	1541.	35.	2.	758.7	26.3	1
761	10	540	37.1939	88.5252	-940.5	KU	6.44	0.37	1.28	0.0	0.0	5.031	1362.	45.	4.	758.1	26.3	1
762	0	524	37.1939	88.5258	-939.7	KU	6.09	2.80	0.88	0.459	3.181	6.927	1388.	45.	4.	758.1	26.3	1
763	10	464	37.1939	88.5266	-938.5	KU	6.79	0.73	0.88	0.0	0.0	7.731	1234.	41.	6.	758.7	26.3	1
764	10	444	37.1939	88.5273	-937.0	KU	6.53	0.77	0.69	0.0	0.0	9.457	1211.	47.	5.	758.7	26.3	1
765	0	440	37.1939	88.5280	-936.0	KU	5.18	3.01	0.88	0.580	3.422	5.898	1219.	41.	6.	758.7	26.3	1
766	0	436	37.1939	88.5287	-933.7	KU	5.64	2.71	0.90	0.480	3.003	6.262	1350.	41.	7.	758.7	26.3	1
767	0	428	37.1939	88.5294	-932.7	KU	8.33	2.02	0.80	0.243	2.536	10.456	1304.	33.	9.	758.7	26.3	1
768	0	404	37.1939	88.5301	-931.5	KU	4.27	2.06	0.98	0.484	2.117	4.377	1251.	49.	8.	758.7	26.3	1
769	10	400	37.1939	88.5308	-929.7	KU	8.58	1.00	1.03	0.0	0.0	8.322	1305.	46.	5.	758.7	26.3	1
770	0	408	37.1939	88.5315	-928.5	KU	6.51	1.74	0.79	0.267	2.189	8.196	1304.	38.	8.	758.7	26.3	1
771	0	420	37.1939	88.5322	-927.5	KU	5.67	1.67	0.72	0.294	2.312	7.866	1221.	47.	7.	758.7	26.3	1
772	0	440	37.1939	88.5329	-926.2	KU	6.91	2.43	1.10	0.352	2.222	6.308	1283.	43.	6.	757.6	26.3	1
773	10	424	37.1940	88.5336	-924.2	KU	7.67	1.29	0.76	0.0	0.0	10.050	1308.	43.	8.	757.6	26.3	1
774	10	412	37.1940	88.5343	-923.5	KU	6.26	0.13	0.90	0.0	0.0	6.963	1250.	45.	7.	757.6	26.3	1
775	0	412	37.1940	88.5350	-922.2	KU	3.37	1.38	0.60	0.411	2.298	5.589	1076.	52.	6.	757.6	26.3	1
776	0	412	37.1940	88.5357	-921.5	KU	4.51	2.13	0.82	0.473	2.610	5.518	1135.	52.	3.	757.6	26.3	1
777	0	412	37.1940	88.5364	-919.2	KU	5.00	2.04	0.73	0.409	2.792	6.832	1118.	46.	4.	757.6	26.3	1
778	0	408	37.1940	88.5371	-918.2	KU	4.58	2.66	0.79	0.582	3.383	5.817	1109.	38.	3.	758.7	26.2	1
779	0	428	37.1940	88.5377	-917.0	KU	6.05	1.94	0.73	0.320	2.662	8.321	1121.	49.	6.	758.7	26.2	1
780	0	472	37.1940	88.5385	-914.7	KU	5.02	2.53	0.83	0.504	3.049	6.049	1310.	36.	5.	757.6	26.2	1
781	0	468	37.1940	88.5392	-914.7	KU	5.75	1.73	0.78	0.301	2.205	7.333	1309.	33.	6.	757.6	26.2	1
782	0	476	37.1940	88.5399	-913.5	KU	6.28	3.40	0.93	0.541	3.654	6.758	1362.	35.	1.	757.6	26.2	1
783	0	468	37.1940	88.5406	-911.2	KU	7.04	2.74	0.94	0.389	2.914	7.500	1367.	43.	1.	757.6	26.2	1
784	0	440	37.1940	88.5413	-910.7	KU	6.92	3.39	0.89	0.490	3.818	7.789	1265.	40.	0.	757.6	26.3	1
785	10	448	37.1940	88.5420	-910.7	QTC-1	6.29	1.11	0.90	0.0	0.0	7.010	1276.	35.	2.	757.6	26.3	1
786	10	452	37.1939	88.5427	-908.2	QTC-1	7.16	1.06	0.98	0.0	0.0	7.320	1280.	42.	1.	757.6	26.2	1
787	10	440	37.1939	88.5434	-906.5	QTC-1	6.20	0.50	0.88	0.0	0.0	7.077	1272.	41.	1.	757.6	26.2	1
788	0	448	37.1939	88.5441	-907.0	QTC-1	6.06	2.04	1.10	0.337	1.849	5.485	1338.	47.	0.	757.6	26.2	1
789	0	448	37.1939	88.5448	-905.2	QTC-1	5.45	2.01	0.92	0.368	2.189	5.949	1283.	43.	0.	757.6	26.1	1
790	0	420	37.1939	88.5455	-903.2	QTC-1	4.65	1.91	0.74	0.410	2.580	6.292	1089.	43.	0.	757.6	26.1	1
791	10	432	37.1939	88.5462	-903.0	QTC-1	3.83	1.03	0.92	0.0	0.0	4.156	1107.	33.	0.	757.6	26.1	1
792	0	456	37.1939	88.5470	-903.0	QTC-1	2.48	1.88	0.71	0.757	2.650	3.501	1066.	54.	3.	757.6	26.2	1
793	10	424	37.1939	88.5476	-901.2	QTC-1	4.80	0.89	0.89	0.0	0.0	5.376	1042.	33.	3.	757.6	26.2	1
794	0	428	37.1939	88.5483	-899.5	QTC-1	2.70	1.35	0.63	0.502	2.163	4.308	968.	39.	5.	757.6	26.1	1
795	10	456	37.1939	88.5490	-897.2	QTC-1	6.08	1.37	0.71	0.0	0.0	8.523	1072.	32.	4.	757.6	26.2	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
796	0	432	37.1939	88.5498	-897.0	QTC-1	2.87	3.59	0.59	1.251	6.050	4.836	970.	46.	0.	757.6	26.1	1
797	0	432	37.1940	88.5504	-895.5	QTC-1	5.87	2.08	0.68	0.354	3.076	8.687	990.	46.	0.	757.6	26.1	1
798	0	420	37.1940	88.5511	-894.7	QTC-1	5.17	4.13	0.62	0.799	6.697	8.386	1113.	53.	0.	757.1	26.0	1
799	10	408	37.1940	88.5518	-893.7	QTC-1	5.10	1.23	0.84	0.0	0.0	6.065	1213.	32.	4.	757.1	26.1	1
800	0	420	37.1940	88.5526	-892.5	QTC-1	7.62	1.79	0.95	0.235	1.886	8.022	1249.	37.	0.	757.1	26.1	1
801	10	432	37.1940	88.5533	-891.0	KU	4.69	1.03	1.06	0.0	0.0	4.405	1292.	37.	4.	757.1	26.1	1
802	0	412	37.1940	88.5539	-889.2	KU	4.79	2.07	1.00	0.433	2.078	4.802	1129.	36.	1.	757.6	26.1	1
803	10	436	37.1940	88.5546	-889.0	KU	5.40	1.10	0.83	0.0	0.0	6.490	1133.	40.	5.	757.6	26.1	1
804	10	460	37.1940	88.5553	-888.5	KU	4.84	1.25	0.89	0.0	0.0	5.451	1200.	43.	5.	756.6	26.1	1
805	10	456	37.1940	88.5560	-888.2	KU	5.91	0.99	0.96	0.0	0.0	6.151	1138.	46.	7.	756.6	26.1	1
806	10	440	37.1940	88.5567	-885.2	KU	5.98	1.29	0.76	0.0	0.0	7.914	1090.	45.	7.	756.6	26.1	1
807	10	460	37.1939	88.5574	-883.2	KU	5.58	1.16	0.67	0.0	0.0	8.311	1140.	42.	4.	756.1	26.1	1
808	10	488	37.1939	88.5581	-883.2	KU	5.22	1.42	0.81	0.0	0.0	6.462	1235.	43.	6.	756.1	26.1	1
809	0	528	37.1939	88.5588	-881.7	KU	5.45	2.37	0.72	0.435	3.287	7.558	1323.	37.	4.	756.1	26.1	1
810	0	532	37.1939	88.5596	-881.5	KU	5.90	2.01	0.99	0.341	2.029	5.958	1329.	33.	2.	755.0	26.1	1
811	0	516	37.1939	88.5602	-881.2	KU	4.09	1.91	0.96	0.467	2.002	4.286	1082.	49.	2.	754.5	26.1	1
812	0	508	37.1939	88.5610	-880.5	QTC-1	4.71	1.66	0.70	0.352	2.359	6.698	1124.	58.	2.	754.5	26.1	1
813	0	528	37.1939	88.5617	-878.7	QTC-1	5.55	3.14	0.53	0.566	5.907	10.440	1174.	55.	3.	755.0	26.1	1
814	0	548	37.1939	88.5624	-877.7	QTC-1	4.68	2.79	1.05	0.595	2.643	4.439	1296.	40.	5.	755.0	26.1	1
815	0	548	37.1939	88.5630	-876.7	QTC-1	5.29	2.62	1.16	0.495	2.263	4.569	1235.	48.	0.	755.0	26.1	1
816	0	532	37.1939	88.5637	-875.0	QTC-1	4.62	2.55	0.81	0.551	3.127	5.674	1255.	38.	4.	755.0	26.1	1
817	0	528	37.1940	88.5645	-873.7	QTC-1	3.41	2.68	1.22	0.786	2.188	2.784	1205.	53.	4.	755.0	26.1	1
818	0	536	37.1940	88.5652	-873.5	KU	6.85	3.01	0.97	0.439	3.083	7.027	1412.	43.	3.	754.5	26.0	1
819	0	556	37.1940	88.5659	-872.5	KU	6.97	4.56	0.91	0.654	5.007	7.661	1506.	46.	0.	754.5	26.0	1
820	0	568	37.1940	88.5665	-872.0	KU	7.35	2.77	1.44	0.377	1.926	5.105	1601.	39.	1.	755.5	26.0	1
821	0	580	37.1940	88.5672	-870.2	KU	7.95	2.19	1.14	0.276	1.915	6.946	1541.	49.	2.	755.5	26.0	1
822	0	588	37.1940	88.5680	-870.7	KU	9.98	3.24	1.13	0.324	2.858	8.809	1682.	35.	0.	755.5	26.0	1
823	0	592	37.1940	88.5687	-869.2	KU	5.74	3.02	1.30	0.525	2.314	4.409	1527.	38.	3.	755.5	26.0	1
824	0	592	37.1940	88.5693	-869.2	KU	6.23	4.55	0.91	0.730	5.027	6.884	1554.	39.	2.	756.6	26.0	1
825	0	600	37.1940	88.5700	-869.0	KU	4.60	3.04	1.14	0.661	2.682	4.057	1535.	37.	7.	755.5	26.1	1
826	10	596	37.1940	88.5707	-867.5	KU	7.48	1.26	1.17	0.0	0.0	6.394	1480.	39.	4.	755.5	26.1	1
827	0	588	37.1939	88.5715	-868.0	KU	6.53	2.75	1.22	0.421	2.259	5.360	1497.	43.	7.	756.6	26.1	1
828	10	576	37.1939	88.5722	-867.2	KU	8.25	1.91	1.15	0.0	0.0	7.158	1352.	49.	5.	756.6	26.2	1
829	0	584	37.1939	88.5729	-865.7	KU	9.35	2.33	1.05	0.249	2.206	8.866	1442.	34.	7.	756.6	26.2	1
830	0	592	37.1939	88.5736	-864.5	KU	6.65	2.30	0.91	0.345	2.535	7.339	1419.	37.	4.	757.1	26.2	1
831	10	592	37.1939	88.5743	-865.5	KU	8.54	0.04	1.12	0.0	0.0	7.625	1456.	42.	5.	757.1	26.2	1
832	10	592	37.1939	88.5750	-864.7	KU	7.74	1.10	0.93	0.0	0.0	8.372	1417.	41.	9.	756.1	26.1	1
833	0	576	37.1939	88.5757	-863.2	KU	6.74	2.37	0.80	0.351	2.947	8.392	1439.	46.	7.	756.1	26.1	1
834	0	580	37.1939	88.5764	-863.0	KU	7.93	4.02	0.76	0.507	5.261	10.385	1534.	32.	7.	755.5	26.1	1
835	0	580	37.1939	88.5771	-862.5	KU	7.79	2.47	1.42	0.317	1.738	5.478	1522.	50.	6.	754.5	26.1	1
836	10	580	37.1939	88.5778	-862.7	KU	9.71	0.54	1.56	0.0	0.0	6.216	1591.	46.	4.	754.5	26.1	1
837	0	588	37.1939	88.5785	-861.5	KU	7.84	2.43	1.27	0.310	1.920	6.194	1572.	41.	5.	755.0	26.1	1
838	0	592	37.1939	88.5792	-859.7	KU	7.22	2.51	1.18	0.347	2.129	6.140	1514.	51.	2.	755.0	26.1	1
839	0	596	37.1939	88.5799	-859.0	KU	4.35	5.73	1.23	1.317	4.675	3.550	1541.	44.	0.	755.0	26.1	1
840	10	576	37.1939	88.5806	-859.2	QAL	9.92	1.78	0.90	0.0	0.0	10.972	1542.	33.	0.	755.5	26.1	1
841	0	564	37.1939	88.5813	-859.0	QAL	6.46	3.96	1.04	0.614	3.815	6.217	1463.	50.	0.	755.5	26.1	1
842	0	572	37.1940	88.5819	-857.2	QAL	6.99	3.12	1.03	0.447	3.043	6.804	1463.	42.	0.	755.5	26.1	1
843	10	556	37.1940	88.5827	-857.5	QAL	9.86	1.43	1.05	0.0	0.0	9.394	1513.	39.	0.	756.6	26.1	1
844	0	552	37.1940	88.5834	-857.5	QAL	8.38	2.34	0.89	0.279	2.621	9.403	1405.	43.	0.	757.6	26.1	1
845	0	556	37.1940	88.5841	-857.2	QAL	5.18	4.32	1.16	0.834	3.714	4.452	1389.	58.	2.	758.7	26.1	1
846	10	564	37.1940	88.5849	-856.2	QAL	5.75	1.28	1.22	0.0	0.0	4.703	1487.	44.	6.	758.7	26.1	1
847	10	552	37.1940	88.5855	-855.7	QAL	7.79	0.90	1.05	0.0	0.0	7.445	1467.	43.	5.	758.7	26.1	1
848	10	560	37.1939	88.5862	-855.2	QAL	6.27	1.43	1.39	0.0	0.0	4.525	1511.	44.	5.	758.7	26.1	1

*	TAGS		* LOCATION		*			REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
849	0	552	37.1939	88.5869	-855.2		QAL	5.83	3.67	0.88	0.629	4.181	6.646	1475.	40.	8.	757.6	26.1	1
850	0	516	37.1939	88.5876	-853.2		QAL	4.63	2.82	1.16	0.608	2.418	3.974	1495.	41.	4.	757.6	26.1	1
851	0	516	37.1939	88.5883	-853.0		QAL	6.35	4.43	1.07	0.698	4.150	5.950	1544.	34.	2.	756.6	26.1	1
852	0	508	37.1939	88.5890	-853.5		QAL	5.34	1.94	1.08	0.364	1.793	4.925	1403.	50.	3.	755.5	26.2	1
853	0	508	37.1939	88.5897	-853.7		KU	6.03	3.33	1.10	0.553	3.035	5.492	1467.	35.	5.	756.6	26.3	1
854	0	500	37.1939	88.5904	-853.2		KU	4.93	2.17	0.97	0.440	2.242	5.097	1388.	55.	7.	758.7	26.3	1
855	0	512	37.1939	88.5911	-853.0		QAL	9.17	4.64	0.80	0.506	5.790	11.449	1604.	29.	4.	758.7	26.3	1
856	0	520	37.1939	88.5918	-851.5		QAL	5.83	2.26	1.26	0.388	1.801	4.640	1532.	44.	7.	758.7	26.3	1
857	10	528	37.1939	88.5925	-852.0		QAL	9.24	1.49	0.97	0.0	0.0	9.528	1481.	38.	8.	758.7	26.3	1
858	0	536	37.1939	88.5932	-851.7		QAL	6.38	2.74	0.82	0.429	3.350	7.807	1411.	43.	10.	758.1	26.3	1
859	10	532	37.1939	88.5940	-851.2		QAL	8.32	1.15	0.90	0.0	0.0	9.270	1369.	48.	9.	758.1	26.3	1
860	0	524	37.1939	88.5946	-851.7		QAL	4.49	2.02	1.05	0.451	1.934	4.289	1481.	55.	10.	758.1	26.3	1
861	10	512	37.1939	88.5953	-850.7		QAL	5.79	1.49	1.13	0.0	0.0	5.132	1457.	41.	5.	758.1	26.4	1
862	10	496	37.1939	88.5961	-850.0		KU	9.14	1.66	0.99	0.0	0.0	9.207	1369.	41.	5.	758.7	26.5	1
863	10	492	37.1939	88.5967	-850.2		KU	8.37	0.71	0.97	0.0	0.0	8.600	1441.	44.	9.	759.7	26.6	1
864	0	488	37.1939	88.5975	-850.0		KU	6.90	2.50	1.14	0.362	2.192	6.057	1502.	37.	8.	759.7	26.6	1
865	0	472	37.1939	88.5981	-849.0		KU	7.65	3.76	0.85	0.492	4.401	8.954	1548.	44.	3.	758.7	26.6	1
866	0	460	37.1939	88.5988	-849.7		KU	9.26	2.12	1.33	0.229	1.596	6.966	1559.	27.	3.	757.6	26.6	1
867	0	444	37.1939	88.5995	-850.0		KU	7.08	2.44	1.15	0.345	2.132	6.181	1556.	38.	6.	758.7	26.7	1
868	0	440	37.1939	88.6002	-849.7		KU	6.72	3.16	1.15	0.471	2.752	5.849	1616.	44.	4.	760.2	26.6	1
869	0	444	37.1939	88.6009	-849.2		KU	7.88	2.03	1.22	0.258	1.671	6.477	1568.	47.	7.	760.2	26.7	1
870	0	464	37.1939	88.6016	-848.7		KU	7.45	2.98	1.25	0.400	2.376	5.947	1608.	33.	5.	760.2	26.7	1
871	0	460	37.1939	88.6023	-848.5		KU	7.80	2.12	1.37	0.272	1.545	5.678	1568.	24.	6.	759.7	26.7	1
872	10	452	37.1939	88.6030	-850.0		KU	8.41	1.14	1.06	0.0	0.0	7.911	1506.	43.	9.	758.7	26.6	1
873	0	452	37.1939	88.6037	-849.7		KU	6.59	3.96	1.09	0.602	3.644	6.054	1589.	33.	7.	758.7	26.7	1
874	10	456	37.1939	88.6044	-848.5		QAL	7.66	0.60	1.21	0.0	0.0	6.307	1451.	59.	7.	759.7	26.6	1
875	0	472	37.1939	88.6051	-849.0		QAL	4.52	2.16	0.76	0.479	2.851	5.949	1372.	49.	8.	760.7	26.7	1
876	10	488	37.1939	88.6058	-849.2		QAL	7.75	1.02	0.96	0.0	0.0	8.106	1440.	37.	7.	760.7	26.8	1
877	0	492	37.1939	88.6066	-849.0		QAL	5.89	2.83	0.69	0.481	4.096	8.514	1375.	47.	10.	759.7	26.8	1
878	10	496	37.1939	88.6072	-848.0		QAL	7.62	0.66	1.19	0.0	0.0	6.418	1415.	30.	10.	758.7	26.8	1
879	10	496	37.1939	88.6079	-848.2		QAL	9.21	1.70	0.98	0.0	0.0	9.444	1435.	29.	7.	758.7	26.8	1
880	10	496	37.1939	88.6087	-848.7		QAL	8.49	0.64	1.10	0.0	0.0	7.747	1476.	35.	13.	758.7	26.8	1
881	10	496	37.1939	88.6094	-848.5		QAL	4.52	1.44	1.37	0.0	0.0	3.309	1432.	51.	13.	759.7	26.8	1
882	10	480	37.1939	88.6101	-848.7		QAL	6.50	1.08	1.32	0.0	0.0	4.936	1453.	49.	13.	759.7	26.8	1
883	0	464	37.1939	88.6107	-848.0		QAL	5.87	2.36	1.14	0.403	2.077	5.152	1461.	54.	10.	759.7	26.8	1
884	10	452	37.1939	88.6115	-849.0		QAL	7.72	1.22	1.09	0.0	0.0	7.087	1449.	53.	12.	758.7	26.7	1
885	10	452	37.1939	88.6122	-849.7		KU	9.86	0.72	1.21	0.0	0.0	8.166	1483.	35.	8.	758.7	26.7	1
886	10	448	37.1939	88.6129	-849.2		KU	7.80	1.38	1.61	0.0	0.0	4.853	1597.	31.	5.	758.7	26.6	1
887	0	452	37.1939	88.6136	-848.5		KU	7.85	3.89	0.92	0.496	4.220	8.509	1437.	45.	6.	759.7	26.6	1
888	0	440	37.1939	88.6142	-848.7		KU	8.02	2.23	0.96	0.278	2.331	8.379	1407.	45.	5.	760.7	26.6	1
889	0	428	37.1939	88.6150	-848.7		KU	5.97	3.06	0.93	0.512	3.295	6.437	1319.	36.	0.	760.7	26.6	1
890	0	436	37.1939	88.6157	-849.5		QAL	7.39	3.36	0.59	0.455	5.694	12.514	1328.	44.	0.	758.7	26.6	1
891	0	460	37.1939	88.6164	-849.2		QAL	6.24	1.97	1.01	0.316	1.956	6.194	1404.	45.	0.	758.7	26.6	1
892	0	504	37.1939	88.6170	-850.0		QAL	8.31	3.39	0.95	0.408	3.567	8.750	1434.	32.	2.	759.7	26.6	1
893	0	504	37.1939	88.6177	-850.5		QAL	6.48	3.90	0.87	0.602	4.461	7.410	1364.	36.	0.	760.2	26.6	1
894	0	504	37.1939	88.6185	-851.7		QAL	6.51	3.99	0.92	0.613	4.334	7.074	1396.	41.	0.	760.2	26.5	1
895	0	496	37.1939	88.6192	-851.5		KU	6.32	2.27	1.01	0.360	2.243	6.231	1480.	41.	3.	759.7	26.5	1
896	0	484	37.1939	88.6199	-852.7		KU	6.62	3.06	0.81	0.462	3.758	8.143	1437.	41.	5.	758.7	26.5	1
897	10	476	37.1939	88.6206	-853.2		KU	6.73	1.33	1.00	0.0	0.0	6.759	1397.	47.	6.	758.7	26.6	1
898	0	468	37.1939	88.6213	-853.7		KU	8.74	5.02	0.95	0.575	5.286	9.197	1510.	29.	0.	759.7	26.6	1
899	0	472	37.1939	88.6220	-853.2		KU	8.68	2.43	1.13	0.280	2.142	7.660	1532.	39.	6.	760.7	26.6	1
900	0	480	37.1939	88.6227	-854.0		KU	8.81	2.66	1.29	0.302	2.067	6.844	1661.	37.	5.	759.7	26.6	1
901	0	488	37.1939	88.6234	-853.2		KU	7.97	2.85	1.00	0.357	2.837	7.940	1534.	49.	7.	758.7	26.8	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
902	0	500	37.1939	88.6241	-854.0	KU	7.58	3.98	0.99	0.525	4.013	7.649	1656.	44.	7.	758.7	26.8	1
903	0	496	37.1939	88.6248	-854.0	KU	7.63	3.31	1.35	0.434	2.451	5.648	1624.	48.	5.	758.7	26.8	1
904	0	492	37.1939	88.6255	-854.7	KU	5.22	2.56	1.03	0.490	2.473	5.051	1483.	54.	5.	759.7	26.8	1
905	0	496	37.1939	88.6262	-855.5	KU	6.91	3.88	1.11	0.562	3.490	6.214	1578.	43.	4.	760.2	26.8	1
906	0	508	37.1939	88.6268	-856.5	KU	7.37	3.29	1.17	0.446	2.814	6.302	1573.	27.	5.	759.2	26.8	1
907	0	520	37.1939	88.6276	-856.7	KU	8.93	2.72	1.34	0.305	2.031	6.665	1638.	40.	5.	758.7	26.8	1
908	0	520	37.1939	88.6283	-856.7	KU	6.56	3.26	1.15	0.498	2.838	5.703	1586.	46.	2.	758.7	26.8	1
909	10	508	37.1939	88.6290	-856.5	KU	7.39	0.99	1.50	0.0	0.0	4.937	1490.	45.	4.	758.7	26.8	1
910	10	512	37.1939	88.6297	-856.5	KU	9.84	1.47	1.13	0.0	0.0	8.702	1563.	49.	7.	760.2	26.8	1
911	0	512	37.1939	88.6304	-855.7	KU	7.83	2.47	1.10	0.315	2.239	7.102	1571.	43.	4.	760.2	26.8	1
912	10	504	37.1939	88.6311	-857.7	KU	6.93	1.69	1.13	0.0	0.0	6.111	1616.	44.	6.	759.2	26.7	1
913	0	492	37.1939	88.6318	-857.7	KU	6.95	3.53	1.09	0.508	3.239	6.378	1591.	46.	6.	758.7	26.8	1
914	0	488	37.1939	88.6326	-858.0	KU	7.20	2.65	1.43	0.369	1.854	5.031	1689.	47.	6.	758.7	26.6	1
915	0	480	37.1939	88.6332	-858.2	KU	8.99	2.87	1.21	0.320	2.369	7.410	1658.	41.	0.	758.7	26.6	1
916	0	472	37.1939	88.6339	-859.0	KU	6.04	1.97	1.12	0.326	1.758	5.389	1553.	47.	12.	759.2	26.6	1
917	10	464	37.1939	88.6346	-859.0	KU	7.27	1.36	0.98	0.0	0.0	7.441	1549.	38.	9.	758.7	26.6	1
918	0	452	37.1939	88.6353	-859.5	KU	9.89	2.76	1.11	0.279	2.487	8.911	1649.	33.	4.	758.7	26.6	1
919	10	448	37.1939	88.6360	-859.5	KU	9.65	1.53	1.41	0.0	0.0	6.833	1563.	39.	6.	758.7	26.6	1
920	0	444	37.1939	88.6367	-860.0	KU	8.15	3.83	0.84	0.469	4.538	9.672	1489.	45.	5.	758.7	26.6	1
921	0	440	37.1939	88.6374	-861.0	KU	6.18	2.94	1.15	0.476	2.561	5.384	1523.	50.	6.	759.7	26.6	1
922	0	444	37.1939	88.6381	-860.0	KU	7.37	2.39	1.08	0.324	2.202	6.790	1489.	34.	5.	760.2	26.6	1
923	0	460	37.1939	88.6388	-859.7	KU	8.98	2.04	0.86	0.227	2.374	10.469	1482.	43.	3.	759.2	26.6	1
924	0	464	37.1939	88.6395	-861.7	KU	6.89	1.80	0.90	0.261	1.990	7.617	1464.	49.	7.	759.2	26.6	1
925	0	468	37.1939	88.6402	-861.7	KU	6.85	3.42	0.83	0.499	4.106	8.229	1455.	43.	1.	759.2	26.6	1
926	0	468	37.1939	88.6410	-860.2	KU	8.26	2.37	1.03	0.287	2.297	8.004	1490.	36.	7.	760.2	26.5	1
927	10	464	37.1939	88.6417	-861.7	KU	8.71	1.32	0.87	0.0	0.0	9.994	1486.	45.	9.	762.3	26.6	1
928	0	460	37.1939	88.6423	-862.0	KU	4.97	2.49	1.02	0.500	2.427	4.849	1429.	49.	9.	761.8	26.5	1
929	0	456	37.1939	88.6430	-862.5	QAL	8.17	2.71	0.94	0.331	2.870	8.665	1518.	41.	5.	759.7	26.5	1
930	0	400	37.1938	88.6437	-862.5	QAL	5.37	2.15	1.03	0.400	2.080	5.201	1318.	47.	9.	759.7	26.5	1
931	0	388	37.1938	88.6444	-862.2	QAL	7.20	1.84	0.81	0.256	2.281	8.911	1331.	44.	6.	760.7	26.4	1
932	0	388	37.1938	88.6452	-862.2	KU	5.74	1.83	0.86	0.318	2.137	6.710	1373.	26.	5.	761.2	26.6	1
933	0	408	37.1938	88.6458	-863.0	KU	6.18	1.47	0.72	0.238	2.054	8.628	1382.	36.	9.	760.2	26.8	1
934	0	464	37.1938	88.6465	-863.5	KU	10.00	1.80	1.02	0.179	1.762	9.815	1519.	42.	6.	758.1	26.8	1
935	0	468	37.1938	88.6472	-863.7	KU	6.04	3.14	0.77	0.519	4.077	7.848	1423.	36.	8.	758.7	26.8	1
936	0	464	37.1939	88.6480	-863.0	KU	8.00	2.59	1.07	0.324	2.413	7.455	1493.	33.	3.	760.7	26.8	1
937	0	468	37.1939	88.6486	-863.2	KU	7.35	3.48	0.48	0.473	7.316	15.459	1441.	25.	2.	760.7	26.8	1
938	0	448	37.1939	88.6493	-865.2	KU	4.81	3.10	0.73	0.644	4.218	6.551	1297.	35.	2.	759.7	26.8	1
939	10	432	37.1939	88.6500	-864.7	KU	5.43	0.39	1.02	0.0	0.0	5.305	1256.	44.	5.	758.7	26.8	1
940	0	460	37.1939	88.6507	-864.0	KU	5.42	3.38	0.82	0.624	4.127	6.618	1245.	45.	0.	758.7	26.8	1
941	0	496	37.1939	88.6515	-864.7	QAL	4.84	2.28	0.92	0.471	2.473	5.245	1316.	28.	2.	759.7	26.7	1
942	0	528	37.1939	88.6521	-865.2	QAL	7.27	2.03	0.99	0.279	2.049	7.336	1324.	43.	9.	760.7	26.6	1
943	10	532	37.1939	88.6529	-864.7	QAL	7.33	0.47	1.09	0.0	0.0	6.704	1411.	24.	5.	758.7	26.6	1
944	0	524	37.1939	88.6536	-865.7	QAL	6.37	4.61	0.83	0.723	5.579	7.718	1391.	46.	3.	758.7	26.6	1
945	0	516	37.1939	88.6543	-865.2	QAL	6.44	2.03	1.26	0.314	1.613	5.133	1518.	39.	10.	760.2	26.6	1
946	0	508	37.1939	88.6549	-865.2	QAL	6.09	3.30	0.91	0.542	3.638	6.709	1446.	48.	12.	759.2	26.6	1
947	0	496	37.1939	88.6557	-866.0	KU	6.82	3.33	0.83	0.488	4.019	8.237	1498.	36.	10.	758.1	26.8	1
948	0	488	37.1939	88.6564	-865.7	KU	4.75	2.97	0.97	0.626	3.068	4.900	1458.	27.	10.	759.2	26.8	1
949	10	484	37.1939	88.6571	-865.7	KU	10.00	0.92	1.06	0.0	0.0	9.419	1513.	45.	10.	759.7	26.8	1
950	0	480	37.1938	88.6578	-866.7	KU	7.20	1.99	1.10	0.277	1.808	6.535	1481.	30.	12.	758.7	26.7	1
951	0	492	37.1938	88.6584	-867.2	KU	8.06	4.29	1.00	0.531	4.296	8.083	1557.	31.	6.	758.7	26.7	1
952	10	496	37.1938	88.6592	-868.7	KU	8.99	1.56	1.14	0.0	0.0	7.917	1584.	35.	8.	759.7	26.6	1
953	10	492	37.1938	88.6599	-867.0	KU	5.94	1.27	1.03	0.0	0.0	5.752	1582.	33.	11.	760.7	26.6	1
954	0	488	37.1938	88.6606	-866.5	KU	8.26	1.89	0.90	0.228	2.097	9.190	1533.	39.	7.	759.2	26.6	1

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TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
955	0	492	37.1938	88.6612	-867.0	KU	4.62	3.61	0.86	0.781	4.216	5.401	1531.	32.	8.	758.1	26.6	1
956	0	496	37.1938	88.6619	-866.5	KU	5.19	3.96	1.18	0.763	3.349	4.386	1645.	43.	4.	760.2	26.6	1
957	10	500	37.1938	88.6627	-866.5	KU	8.97	0.83	1.18	0.0	0.0	7.576	1636.	40.	5.	760.2	26.6	1
958	0	512	37.1938	88.6634	-866.0	KU	7.57	2.02	0.91	0.267	2.210	8.271	1527.	46.	6.	758.7	26.5	1
959	0	524	37.1938	88.6641	-864.2	KU	7.20	2.14	1.06	0.297	2.018	6.794	1542.	47.	9.	758.7	26.6	1
960	10	532	37.1938	88.6647	-865.5	KU	6.55	0.85	1.38	0.0	0.0	4.737	1526.	28.	9.	759.7	26.6	1
961	10	540	37.1938	88.6655	-865.0	KU	7.99	1.79	1.10	0.0	0.0	7.272	1466.	47.	8.	759.7	26.6	1
962	10	540	37.1938	88.6662	-864.7	QAL	7.47	1.30	1.02	0.0	0.0	7.310	1453.	39.	9.	758.7	26.6	1
963	10	544	37.1938	88.6669	-865.2	QAL	5.67	1.63	0.76	0.0	0.0	7.489	1336.	42.	10.	758.7	26.6	1
964	0	488	37.1938	88.6676	-864.2	QAL	5.85	1.84	0.51	0.314	3.622	11.531	1279.	39.	11.	759.7	26.5	1
965	10	480	37.1938	88.6683	-864.0	QAL	4.44	0.87	0.81	0.0	0.0	5.465	1226.	35.	13.	758.7	26.5	1
966	10	520	37.1938	88.6690	-863.2	KU	3.94	1.65	1.30	0.0	0.0	3.021	1406.	34.	12.	758.7	26.5	1
967	10	528	37.1939	88.6697	-862.7	KU	7.95	0.24	0.88	0.0	0.0	9.014	1488.	38.	11.	759.7	26.5	1
968	10	528	37.1939	88.6704	-862.2	KU	5.81	1.36	0.90	0.0	0.0	6.482	1439.	47.	8.	759.7	26.5	1
969	0	524	37.1939	88.6711	-861.5	KU	7.91	2.17	1.10	0.274	1.966	7.180	1613.	32.	11.	758.7	26.5	1
970	10	508	37.1939	88.6718	-861.7	KU	6.11	1.07	1.11	0.0	0.0	5.496	1415.	49.	7.	759.7	26.4	1
971	0	492	37.1938	88.6725	-862.2	KU	6.85	5.35	1.02	0.782	5.259	6.726	1627.	40.	1.	760.7	26.5	1
972	0	480	37.1938	88.6732	-861.7	KU	5.59	3.42	0.98	0.612	3.472	5.676	1491.	34.	4.	758.7	26.4	1
973	0	476	37.1938	88.6739	-860.5	KU	8.11	3.09	0.75	0.382	4.126	10.815	1559.	35.	3.	758.1	26.5	1
974	0	468	37.1938	88.6746	-860.5	KU	7.18	3.86	0.95	0.538	4.053	7.533	1509.	51.	4.	761.2	26.5	1
975	0	456	37.1938	88.6753	-859.7	KU	8.01	2.98	1.08	0.372	2.769	7.439	1479.	31.	5.	761.2	26.5	1
976	10	460	37.1938	88.6760	-858.5	KU	9.04	0.99	0.92	0.0	0.0	9.874	1415.	37.	9.	758.7	26.5	1
977	10	464	37.1938	88.6767	-858.2	KU	9.00	0.38	1.31	0.0	0.0	6.848	1604.	49.	9.	759.7	26.5	1
978	10	456	37.1938	88.6774	-858.0	KU	7.51	1.27	1.26	0.0	0.0	5.982	1500.	41.	8.	761.8	26.5	1
979	0	456	37.1938	88.6781	-856.7	KU	8.68	2.79	1.14	0.322	2.458	7.641	1594.	45.	12.	759.7	26.5	1
980	10	464	37.1938	88.6788	-855.5	KU	6.80	1.59	1.17	0.0	0.0	5.811	1588.	45.	13.	759.7	26.5	1
981	10	472	37.1938	88.6795	-855.5	KU	10.14	-0.39	1.34	0.0	0.0	7.557	1573.	28.	14.	761.8	26.5	1
982	10	472	37.1938	88.6802	-853.7	KU	8.67	-0.20	1.41	0.0	0.0	6.168	1534.	37.	13.	760.7	26.5	1
983	0	456	37.1938	88.6809	-853.0	KU	4.95	2.21	1.14	0.445	1.936	4.345	1495.	49.	14.	758.7	26.6	1
984	10	460	37.1938	88.6816	-852.7	KU	8.15	0.92	1.20	0.0	0.0	6.808	1489.	50.	17.	760.7	26.6	1
985	10	468	37.1938	88.6823	-852.7	KU	8.20	0.07	0.99	0.0	0.0	8.307	1581.	40.	14.	760.7	26.6	1
986	10	472	37.1938	88.6830	-850.2	KU	7.36	1.10	1.03	0.0	0.0	7.180	1520.	42.	16.	759.2	26.6	1
987	10	476	37.1938	88.6837	-849.2	KU	10.05	-0.21	1.00	0.0	0.0	10.000	1501.	44.	13.	761.2	26.6	1
988	0	464	37.1938	88.6844	-848.5	KU	6.34	3.80	1.03	0.600	3.688	6.150	1545.	28.	9.	761.2	26.6	1
989	10	460	37.1938	88.6851	-847.7	KU	7.84	0.79	1.04	0.0	0.0	7.526	1561.	42.	2.	759.2	26.6	1
990	0	452	37.1938	88.6859	-847.0	KU	6.86	3.00	1.00	0.438	3.002	6.857	1456.	49.	3.	760.2	26.6	1
991	0	444	37.1938	88.6865	-845.2	KU	5.38	3.06	1.08	0.569	2.849	5.005	1495.	31.	1.	760.7	26.7	1
992	0	436	37.1938	88.6872	-845.0	KU	6.97	2.16	0.87	0.310	2.494	8.041	1314.	37.	0.	759.7	26.6	1
993	0	440	37.1938	88.6879	-843.0	KU	4.68	4.04	1.13	0.864	3.582	4.146	1335.	43.	2.	760.7	26.7	1
994	0	440	37.1938	88.6886	-842.0	KU	4.65	3.08	0.83	0.662	3.712	5.610	1298.	48.	0.	760.7	26.6	1
995	0	440	37.1938	88.6892	-841.7	KU	5.22	3.74	0.91	0.716	4.122	5.756	1420.	42.	0.	759.7	26.6	1
996	0	440	37.1938	88.6899	-839.7	KU	6.87	3.66	0.94	0.532	3.896	7.318	1415.	47.	0.	761.8	26.6	1
997	0	436	37.1938	88.6906	-838.0	KU	6.36	2.83	1.32	0.445	2.144	4.818	1445.	36.	0.	760.7	26.6	1
998	0	440	37.1938	88.6913	-837.5	KU	6.73	2.53	1.08	0.376	2.341	6.220	1506.	47.	0.	759.7	26.6	1
999	0	444	37.1937	88.6919	-836.2	KU	4.62	5.20	1.11	1.126	4.699	4.172	1588.	30.	1.	761.8	26.7	1
1000	0	448	37.1937	88.6926	-834.7	KU	6.47	2.45	1.34	0.379	1.829	4.831	1452.	50.	0.	760.7	26.8	1
1001	0	456	37.1937	88.6933	-833.5	KU	9.10	2.77	0.90	0.304	3.069	10.086	1560.	31.	0.	759.7	26.8	1
1002	0	456	37.1937	88.6940	-832.0	KU	7.77	4.18	1.16	0.539	3.616	6.710	1556.	35.	0.	760.7	26.8	1
1003	0	456	37.1937	88.6947	-830.7	KU	9.09	3.63	1.21	0.399	2.995	7.505	1571.	34.	0.	759.7	26.8	1
1004	0	452	37.1937	88.6953	-830.0	KU	6.41	3.41	1.05	0.532	3.252	6.119	1619.	53.	4.	759.7	26.8	1
1005	0	440	37.1937	88.6960	-827.7	KU	9.05	3.03	0.63	0.334	4.805	14.379	1475.	46.	0.	761.8	26.8	1
1006	10	432	37.1937	88.6967	-826.0	KU	6.60	1.28	1.43	0.0	0.0	4.602	1494.	44.	5.	759.2	26.8	1
1007	0	412	37.1937	88.6974	-824.5	KU	7.95	3.24	0.82	0.408	3.967	9.728	1482.	29.	2.	759.2	26.8	1

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FLIGHT LINE 10 DAY 181 REDUCED DATA TEX-KENT 1979 PADUCAH

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1008	10	384	37.1937	88.6980	-823.7	KU	5.08	1.25	0.83	0.0	0.0	6.090	1286.	41.	5.	761.2	26.8	1
1009	0	388	37.1937	88.6987	-822.0	KU	5.86	3.82	0.64	0.652	5.987	9.183	1276.	43.	3.	759.7	26.8	1
1010	10	396	37.1937	88.6994	-820.0	KU	6.78	0.96	0.94	0.0	0.0	7.194	1292.	34.	2.	760.2	26.8	1
1011	0	448	37.1937	88.7000	-818.5	KU	5.94	3.80	0.87	0.639	4.366	6.831	1398.	39.	4.	761.2	26.8	1
1012	0	468	37.1937	88.7008	-817.2	QAL	7.26	3.28	1.03	0.451	3.173	7.038	1485.	31.	3.	759.2	26.8	1
1013	0	484	37.1937	88.7014	-815.7	QAL	5.92	2.35	1.20	0.396	1.950	4.918	1538.	48.	2.	760.7	26.9	1
1014	0	504	37.1937	88.7022	-812.2	QAL	4.78	3.69	1.17	0.773	3.168	4.099	1574.	32.	3.	761.8	26.8	1
1015	0	512	37.1937	88.7027	-810.7	QAL	5.39	1.51	1.10	0.281	1.369	4.878	1420.	41.	1.	759.2	26.8	1
1016	0	512	37.1937	88.7035	-809.7	QAL	7.31	1.76	1.20	0.240	1.459	6.076	1409.	40.	3.	760.2	26.8	1
1017	0	508	37.1937	88.7041	-808.0	QAL	9.88	2.35	1.07	0.238	2.200	9.242	1510.	31.	1.	760.7	26.8	1
1018	0	508	37.1937	88.7048	-806.7	QAL	8.88	3.00	1.08	0.338	2.764	8.188	1454.	40.	4.	759.7	26.6	1
1019	0	508	37.1937	88.7055	-805.5	QAL	6.60	2.66	1.24	0.403	2.152	5.342	1353.	37.	0.	761.8	26.7	1
1020	0	508	37.1937	88.7061	-804.2	QAL	6.25	2.36	0.89	0.377	2.655	7.039	1309.	46.	8.	760.7	26.7	1
1021	0	508	37.1936	88.7068	-803.2	QAL	7.52	2.19	0.85	0.292	2.597	8.897	1318.	56.	3.	760.2	26.6	1
1022	0	508	37.1936	88.7075	-801.0	QAL	8.37	3.90	0.85	0.466	4.590	9.848	1300.	46.	0.	761.2	26.6	1
1023	10	508	37.1936	88.7082	-797.7	QAL	7.19	1.16	0.78	0.0	0.0	9.190	1236.	36.	5.	760.2	26.6	1
1024	0	512	37.1936	88.7089	-797.0	QAL	7.10	2.56	0.90	0.361	2.841	7.880	1255.	41.	5.	761.2	26.6	1
1025	0	504	37.1936	88.7096	-793.7	QAL	8.13	2.62	0.83	0.322	3.155	9.787	1393.	44.	1.	761.8	26.7	1
1026	0	504	37.1936	88.7102	-792.5	QAL	7.57	2.78	1.13	0.367	2.453	6.686	1381.	40.	1.	759.7	26.7	1
1027	0	508	37.1936	88.7109	-791.0	KU	7.66	2.14	1.05	0.279	2.044	7.327	1461.	47.	6.	760.7	26.6	1
1028	0	504	37.1935	88.7116	-788.2	KU	6.77	2.31	1.14	0.340	2.015	5.920	1456.	40.	8.	761.8	26.7	1
1029	0	504	37.1936	88.7123	-787.0	KU	6.82	3.83	1.07	0.562	3.576	6.361	1571.	32.	4.	759.7	26.8	1
1030	0	500	37.1936	88.7130	-785.2	KU	7.86	2.96	1.05	0.377	2.823	7.489	1606.	47.	3.	760.7	26.8	1
1031	0	500	37.1936	88.7136	-783.7	KU	7.00	4.01	1.20	0.573	3.350	5.844	1505.	48.	3.	760.7	26.8	1
1032	10	492	37.1936	88.7144	-781.7	KU	7.75	1.19	1.06	0.0	0.0	7.283	1441.	50.	7.	759.7	26.8	1
1033	0	488	37.1936	88.7150	-780.5	KU	10.30	2.66	0.86	0.258	3.093	11.971	1585.	34.	0.	760.7	26.8	1
1034	0	480	37.1936	88.7157	-778.7	KU	7.26	3.93	1.00	0.541	3.949	7.296	1632.	35.	4.	760.2	26.8	1
1035	0	472	37.1936	88.7164	-777.2	KU	8.99	1.80	1.23	0.200	1.461	7.304	1626.	33.	5.	759.2	26.9	1
1036	0	472	37.1935	88.7170	-776.2	KU	6.74	4.37	0.94	0.647	4.641	7.168	1695.	39.	4.	760.2	26.8	1
1037	0	468	37.1935	88.7177	-773.5	KU	6.68	3.75	0.91	0.562	4.132	7.352	1580.	49.	4.	760.2	26.8	1
1038	0	460	37.1935	88.7183	-772.0	KU	7.88	4.48	0.97	0.569	4.638	8.157	1603.	49.	0.	760.7	26.8	1
1039	0	452	37.1935	88.7191	-769.2	KU	5.48	5.63	1.12	1.027	5.046	4.913	1546.	39.	0.	760.7	26.8	1
1040	0	444	37.1935	88.7197	-767.0	KU	7.24	1.70	1.11	0.235	1.540	6.545	1481.	49.	2.	759.7	26.8	1
1041	0	448	37.1935	88.7204	-766.5	KU	6.54	3.97	1.10	0.607	3.616	5.954	1575.	41.	1.	760.7	26.8	1
1042	0	448	37.1935	88.7211	-765.2	KU	7.30	2.52	1.31	0.345	1.920	5.561	1529.	37.	2.	761.8	26.8	1
1043	0	448	37.1935	88.7218	-764.0	KU	9.84	2.35	0.97	0.239	2.414	10.100	1522.	38.	2.	759.7	26.8	1
1044	0	448	37.1935	88.7224	-761.7	KU	8.19	3.06	1.16	0.373	2.638	7.071	1604.	29.	1.	759.7	26.8	1
1045	0	452	37.1935	88.7231	-760.0	KU	7.85	4.13	0.73	0.526	5.684	10.804	1531.	50.	1.	759.2	26.9	1
1046	0	456	37.1935	88.7238	-757.7	KU	7.00	2.06	1.13	0.294	1.811	6.166	1560.	40.	7.	760.2	26.9	1
1047	0	464	37.1935	88.7244	-755.7	KU	9.49	2.98	1.00	0.314	2.997	9.533	1569.	42.	4.	761.2	26.9	1
1048	0	468	37.1935	88.7252	-754.2	KU	6.91	1.84	0.94	0.266	1.961	7.379	1458.	49.	10.	760.2	26.9	1
1049	0	472	37.1935	88.7258	-753.7	KU	7.29	2.57	0.86	0.352	2.980	8.468	1453.	45.	6.	760.7	26.9	1
1050	10	480	37.1934	88.7265	-751.5	KU	7.70	-0.32	0.99	0.0	0.0	7.762	1354.	46.	10.	761.2	26.8	1
1051	0	484	37.1934	88.7272	-750.5	KU	5.18	1.85	0.89	0.357	2.077	5.819	1299.	30.	7.	760.2	26.8	1
1052	0	484	37.1934	88.7279	-749.7	KU	6.08	2.26	1.19	0.372	1.905	5.116	1305.	30.	1.	760.7	26.8	1
1053	0	484	37.1934	88.7285	-747.0	KU	8.79	2.61	0.87	0.297	3.020	10.157	1393.	39.	0.	761.2	26.7	1
1054	0	492	37.1934	88.7292	-744.5	KU	6.86	2.86	0.67	0.416	4.255	10.219	1418.	37.	6.	760.7	26.7	1
1055	10	496	37.1934	88.7299	-744.0	QAL	5.73	1.24	1.27	0.0	0.0	4.531	1410.	33.	2.	761.8	26.7	1
1056	0	496	37.1934	88.7306	-741.5	QAL	8.45	2.83	0.86	0.335	3.300	9.862	1376.	31.	1.	760.7	26.6	1
1057	0	496	37.1934	88.7313	-741.0	QAL	4.79	3.09	0.97	0.646	3.189	4.940	1330.	45.	2.	760.2	26.6	1
1058	0	492	37.1934	88.7319	-740.2	KU	8.57	2.27	1.08	0.265	2.110	7.956	1465.	39.	3.	760.2	26.6	1
1059	0	484	37.1934	88.7326	-738.7	KU	6.10	5.08	0.86	0.832	5.875	7.061	1503.	39.	0.	760.7	26.6	1
1060	10	476	37.1934	88.7332	-736.2	KU	7.00	-0.06	1.13	0.0	0.0	6.174	1421.	55.	6.	762.3	26.6	1

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FLIGHT LINE 10 DAY 181 REDUCED DATA TEX-KENT 1979 PADUCAH

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1061	10	472	37.1934	88.7340	-734.7	KU	7.43	1.42	1.11	0.0	0.0	6.687	1539.	33.	3.	761.2	26.7	1
1062	0	468	37.1934	88.7346	-733.5	KU	7.86	3.63	0.80	0.462	4.508	9.759	1528.	43.	4.	760.2	26.6	1
1063	0	468	37.1934	88.7353	-732.0	KU	8.30	3.73	0.80	0.450	4.658	10.361	1551.	37.	3.	760.7	26.7	1
1064	10	468	37.1934	88.7360	-731.0	KU	8.94	0.72	1.23	0.0	0.0	7.268	1601.	34.	5.	760.7	26.7	1
1065	0	472	37.1933	88.7366	-729.2	KU	9.09	2.13	1.19	0.235	1.791	7.635	1598.	36.	4.	760.7	26.7	1
1066	0	476	37.1933	88.7374	-728.5	KU	8.13	3.92	0.90	0.482	4.372	9.062	1614.	41.	1.	761.2	26.7	1
1067	0	472	37.1933	88.7380	-727.2	KU	6.77	1.98	1.04	0.293	1.907	6.507	1553.	31.	5.	761.2	26.8	1
1068	0	472	37.1933	88.7387	-725.2	KU	6.62	2.20	1.21	0.332	1.811	5.456	1580.	48.	2.	760.7	26.7	1
1069	0	468	37.1933	88.7394	-724.7	KU	8.52	3.58	0.76	0.421	4.703	11.178	1594.	38.	2.	760.7	26.7	1
1070	0	468	37.1933	88.7401	-722.7	KU	10.79	1.75	1.31	0.162	1.339	8.254	1632.	43.	0.	760.7	26.8	1
1071	0	468	37.1933	88.7407	-721.5	KU	6.61	4.60	1.00	0.696	4.616	6.630	1499.	46.	0.	760.2	26.8	1
1072	0	472	37.1933	88.7414	-720.7	KU	8.61	2.71	0.91	0.315	2.978	9.453	1513.	42.	1.	760.7	26.8	1
1073	0	476	37.1933	88.7421	-719.0	KU	7.23	3.85	1.04	0.533	3.693	6.929	1548.	39.	0.	761.2	26.8	1
1074	10	484	37.1933	88.7428	-718.0	KU	8.64	1.01	0.98	0.0	0.0	8.811	1410.	52.	3.	759.7	26.8	1
1075	0	488	37.1933	88.7435	-717.5	KU	5.11	3.99	0.93	0.780	4.283	5.489	1438.	47.	2.	760.7	26.8	1
1076	0	484	37.1933	88.7441	-715.2	KU	6.04	2.06	1.30	0.341	1.583	4.636	1598.	36.	3.	761.2	26.8	1
1077	0	484	37.1933	88.7448	-714.0	KU	5.37	2.92	1.16	0.543	2.522	4.648	1537.	36.	6.	759.7	26.8	1
1078	0	460	37.1933	88.7455	-711.2	KU	5.82	4.33	0.67	0.743	6.466	8.696	1431.	33.	4.	760.7	26.7	1
1079	0	440	37.1933	88.7461	-710.0	KU	5.05	3.68	0.68	0.728	5.424	7.446	1317.	48.	4.	760.2	26.6	1
1080	0	472	37.1933	88.7469	-709.0	KU	6.75	2.72	0.97	0.403	2.810	6.966	1375.	39.	3.	759.7	26.7	1
1081	0	472	37.1933	88.7475	-708.2	KU	7.10	2.05	0.95	0.288	2.145	7.438	1505.	48.	4.	761.2	26.7	1
1082	10	472	37.1933	88.7481	-708.7	KU	8.84	1.50	0.94	0.0	0.0	9.419	1441.	29.	7.	760.2	26.7	1
1083	10	452	37.1934	88.7488	-707.7	KU	7.64	0.98	1.16	0.0	0.0	6.558	1406.	39.	9.	760.7	26.7	1
1084	10	464	37.1934	88.7494	-706.2	KU	3.79	1.20	1.10	0.0	0.0	7.973	1533.	36.	13.	761.2	26.7	1
1085	10	476	37.1934	88.7501	-705.5	KU	8.25	0.39	0.97	0.0	0.0	8.477	1472.	47.	10.	760.7	26.8	1
1086	10	480	37.1934	88.7508	-703.2	KU	7.52	0.56	1.16	0.0	0.0	6.482	1478.	42.	8.	760.7	26.8	1
1087	0	476	37.1934	88.7514	-701.7	KU	7.63	3.08	0.76	0.404	4.033	9.984	1487.	36.	7.	760.2	26.8	1
1088	0	476	37.1934	88.7520	-700.7	KU	9.23	2.30	0.92	0.249	2.488	9.985	1527.	39.	8.	761.8	26.8	1
1089	0	476	37.1934	88.7527	-699.2	KU	8.93	2.27	0.99	0.254	2.286	9.011	1637.	31.	6.	761.2	26.8	1
1090	0	476	37.1934	88.7534	-698.5	KU	8.15	2.35	1.06	0.288	2.208	7.677	1645.	31.	7.	760.2	26.8	1
1091	0	476	37.1935	88.7541	-698.7	KU	5.70	3.31	0.91	0.581	3.645	6.274	1572.	43.	8.	761.2	26.8	1
1092	0	480	37.1935	88.7547	-696.2	KU	7.86	1.76	1.23	0.224	1.428	6.373	1565.	42.	8.	760.7	26.8	1
1093	0	476	37.1935	88.7554	-696.0	KU	7.19	3.44	0.91	0.478	3.777	7.902	1541.	42.	6.	760.2	26.8	1
1094	0	476	37.1935	88.7560	-695.5	KU	7.42	2.06	0.66	0.278	3.106	11.181	1518.	41.	4.	761.2	26.8	1
1095	0	464	37.1935	88.7567	-694.0	KU	6.12	2.82	0.97	0.461	2.921	6.333	1539.	48.	6.	759.7	26.8	1
1096	0	460	37.1935	88.7574	-693.0	KU	8.14	2.47	0.96	0.303	2.582	8.516	1545.	34.	3.	760.7	26.8	1
1097	0	456	37.1935	88.7580	-691.7	KU	6.04	2.69	0.97	0.445	2.777	6.239	1512.	37.	1.	762.3	26.8	1
1098	10	464	37.1935	88.7587	-691.0	KU	10.35	1.56	1.24	0.0	0.0	8.350	1626.	25.	5.	760.2	26.8	1
1099	0	472	37.1936	88.7593	-689.0	KU	7.61	2.69	0.89	0.353	3.029	8.584	1527.	43.	4.	761.2	26.8	1
1100	0	464	37.1936	88.7600	-687.2	KU	7.83	3.23	0.88	0.412	3.681	8.941	1458.	30.	4.	761.2	26.8	1
1101	0	456	37.1936	88.7607	-686.7	KU	4.73	3.66	0.91	0.774	4.035	5.213	1376.	46.	7.	760.2	26.8	1
1102	0	452	37.1936	88.7613	-686.0	KU	8.18	2.99	0.78	0.366	3.845	10.504	1445.	40.	5.	761.8	26.7	1
1103	0	428	37.1937	88.7620	-684.7	KU	5.51	2.91	0.87	0.528	3.325	6.304	1378.	55.	7.	761.2	26.8	1
1104	10	464	37.1937	88.7626	-684.7	KU	9.66	1.01	0.93	0.0	0.0	10.370	1487.	44.	9.	761.8	26.8	1
1105	0	460	37.1937	88.7634	-683.5	KU	7.84	2.30	0.96	0.293	2.382	8.130	1565.	47.	8.	762.3	26.8	1
1106	10	456	37.1937	88.7640	-682.0	KU	7.56	1.20	1.03	0.0	0.0	7.310	1582.	45.	11.	761.2	26.8	1
1107	10	452	37.1937	88.7646	-681.7	KU	10.88	0.63	0.95	0.0	0.0	11.465	1650.	40.	11.	761.8	26.8	1
1108	0	448	37.1937	88.7653	-681.7	KU	7.35	2.41	1.25	0.328	1.927	5.881	1592.	48.	11.	761.8	26.8	1
1109	10	448	37.1937	88.7659	-680.5	KU	7.22	1.38	1.11	0.0	0.0	6.523	1535.	37.	11.	761.2	26.8	1
1110	0	452	37.1937	88.7666	-680.5	KU	6.05	3.45	1.14	0.571	3.036	5.314	1550.	33.	9.	762.3	26.8	1
1111	10	456	37.1938	88.7673	-677.2	KU	6.88	0.83	1.08	0.0	0.0	6.357	1530.	34.	11.	761.2	26.8	1
1112	10	460	37.1938	88.7680	-676.7	KU	6.67	1.54	0.91	0.0	0.0	7.303	1391.	50.	11.	760.7	26.8	1
1113	0	448	37.1938	88.7686	-676.5	KU	7.01	3.26	0.63	0.464	5.143	11.073	1413.	44.	4.	761.2	26.8	1

CP9 IP 12
CP9 IP 12

*	TAGS		* LOCATION		*			REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1114	0	424	37.1938	88.7692	-675.0		KU	7.09	1.86	0.96	0.263	1.947	7.416	1311.	51.	8.	761.8	26.8	1
1115	0	420	37.1938	88.7699	-674.5		KU	5.97	2.08	0.68	0.348	3.060	8.796	1232.	52.	5.	762.3	26.8	1
1116	0	420	37.1938	88.7706	-675.0		KU	6.01	2.75	0.72	0.457	3.809	8.330	1156.	45.	5.	760.7	26.8	1
1117	0	404	37.1938	88.7712	-672.7		KU	5.21	1.65	0.68	0.317	2.409	7.608	1102.	38.	7.	760.2	26.8	1
1118	0	404	37.1938	88.7719	-672.2		KU	3.84	2.96	0.41	0.772	7.213	9.345	1038.	42.	10.	761.8	26.8	1
1119	10	412	37.1939	88.7725	-672.5		KU	4.83	0.22	0.79	0.0	0.0	6.092	1089.	27.	10.	760.7	26.8	1
1120	10	416	37.1939	88.7732	-671.7		KU	5.63	1.20	0.68	0.0	0.0	8.311	1088.	32.	8.	761.2	26.9	1
1121	10	428	37.1939	88.7739	-671.7		KU	6.27	0.80	0.70	0.0	0.0	9.004	1022.	45.	10.	760.7	26.8	1
1122	10	432	37.1939	88.7745	-671.5		KU	7.95	0.97	0.76	0.0	0.0	10.415	1085.	36.	7.	760.2	26.8	1
1123	10	468	37.1940	88.7752	-670.5		KU	3.64	1.47	0.36	0.0	0.0	10.022	1044.	37.	11.	760.7	26.8	1
1124	10	460	37.1940	88.7758	-670.2		KU	4.95	0.43	0.70	0.0	0.0	7.070	1009.	44.	8.	759.7	26.8	1
1125	0	452	37.1940	88.7765	-669.2		KU	5.89	2.19	0.48	0.371	4.585	12.347	1055.	44.	9.	760.2	26.8	1
1126	0	488	37.1940	88.7772	-668.0		KU	5.62	2.18	0.61	0.388	3.600	9.284	1171.	39.	5.	760.7	26.7	1
1127	0	480	37.1940	88.7778	-666.7		KU	5.03	1.75	0.72	0.348	2.442	7.014	1161.	34.	6.	760.2	26.8	1
1128	10	452	37.1940	88.7785	-666.0		KU	9.03	1.18	0.80	0.0	0.0	11.317	1209.	36.	0.	760.7	26.7	1
1129	0	456	37.1940	88.7791	-665.2		KU	6.42	3.18	0.63	0.496	5.033	10.151	1249.	40.	0.	760.2	26.7	1
1130	0	488	37.1940	88.7798	-666.5		KU	6.76	3.15	0.77	0.466	4.086	8.765	1289.	45.	1.	760.7	26.6	1
1131	0	496	37.1941	88.7805	-667.0		KU	5.41	3.12	0.79	0.577	3.968	6.878	1376.	49.	0.	761.2	26.6	1
1132	0	504	37.1941	88.7811	-668.0		KU	5.70	2.40	0.94	0.421	2.552	6.066	1303.	30.	1.	760.2	26.6	1
1133	0	492	37.1941	88.7818	-667.2		KU	5.51	2.53	0.75	0.459	3.370	7.346	1217.	43.	2.	760.2	26.6	1
1134	0	488	37.1941	88.7824	-664.2		KU	7.06	1.92	0.89	0.272	2.152	7.906	1268.	34.	4.	759.7	26.6	1
1135	0	500	37.1942	88.7831	-661.2		KU	4.19	3.30	0.71	0.789	4.623	5.863	1292.	41.	5.	760.2	26.7	1
1136	10	484	37.1942	88.7838	-660.5		KU	8.49	1.50	0.83	0.0	0.0	10.268	1292.	22.	5.	760.2	26.6	1
1137	0	484	37.1942	88.7844	-660.7		KU	5.42	1.88	0.93	0.347	2.023	5.825	1313.	51.	8.	759.2	26.7	1
1138	0	488	37.1942	88.7850	-662.2		KU	4.97	4.31	0.97	0.868	4.457	5.138	1494.	39.	5.	760.7	26.7	1
1139	0	488	37.1942	88.7857	-661.7		KU	6.61	4.25	0.80	0.644	5.334	8.285	1483.	32.	6.	760.7	26.7	1
1140	0	488	37.1942	88.7864	-660.0		KU	6.31	2.70	0.98	0.427	2.751	6.441	1399.	36.	8.	760.2	26.7	1
1141	0	496	37.1942	88.7871	-660.0		KU	9.89	2.19	1.14	0.221	1.917	8.665	1601.	36.	5.	760.2	26.7	1
1142	0	492	37.1942	88.7877	-659.2		KU	5.01	3.78	0.96	0.754	3.948	5.236	1476.	35.	2.	759.7	26.7	1
1143	0	496	37.1943	88.7884	-658.0		KU	5.73	2.81	0.96	0.491	2.923	5.957	1454.	33.	3.	759.7	26.8	1
1144	0	448	37.1943	88.7890	-657.0		KU	7.20	3.99	0.70	0.555	5.725	10.320	1374.	36.	0.	760.7	26.7	1
1145	0	432	37.1943	88.7897	-656.5		KU	5.37	3.29	0.94	0.613	3.504	5.718	1280.	36.	1.	761.2	26.6	1
1146	0	472	37.1943	88.7904	-656.5		KU	7.73	2.82	0.87	0.365	3.258	8.919	1305.	47.	0.	761.2	26.6	1
1147	0	472	37.1944	88.7910	-656.5		KU	7.35	2.34	0.91	0.319	2.562	8.042	1458.	47.	2.	760.7	26.6	1
1148	0	464	37.1944	88.7917	-655.7		KU	7.89	3.90	0.99	0.494	3.922	7.935	1434.	46.	0.	760.7	26.8	1
1149	0	456	37.1944	88.7923	-654.7		KU	6.92	2.30	1.13	0.333	2.033	6.114	1492.	37.	4.	761.8	26.8	1
1150	10	460	37.1944	88.7930	-654.5		KU	7.60	1.23	0.96	0.0	0.0	7.890	1310.	53.	8.	761.2	26.8	1
1151	10	468	37.1944	88.7937	-653.5		KU	9.53	1.23	0.79	0.0	0.0	12.068	1321.	44.	7.	761.2	26.9	1
1152	0	480	37.1944	88.7943	-653.7		KU	6.84	2.28	0.72	0.333	3.160	9.486	1295.	39.	7.	760.7	26.8	1
1153	10	480	37.1944	88.7950	-653.5		KU	7.01	1.21	0.70	0.0	0.0	10.010	1295.	47.	9.	760.7	26.9	1
1154	10	436	37.1944	88.7956	-653.5		KU	6.59	0.66	0.80	0.0	0.0	8.243	1225.	38.	12.	762.3	26.9	1
1155	10	412	37.1945	88.7963	-653.7		KU	4.48	-0.94	0.96	0.0	0.0	4.682	1149.	44.	12.	761.8	26.9	1
1156	0	400	37.1945	88.7970	-652.7		KU	8.13	1.61	0.83	0.198	1.931	9.749	1286.	37.	8.	761.2	26.9	1
1157	0	428	37.1945	88.7976	-651.7		KU	7.30	2.65	0.98	0.363	2.689	7.414	1317.	41.	1.	761.8	26.9	1
1158	10	440	37.1945	88.7983	-651.0		KU	6.84	0.96	0.76	0.0	0.0	9.017	1277.	43.	5.	761.2	27.0	1
1159	0	432	37.19	88.7989	-651.0		KU	9.63	1.94	1.18	0.202	1.642	8.133	1422.	52.	1.	761.8	27.0	1
1160	0	428	37.1	88.7996	-650.0		KU	7.33	2.81	0.65	0.383	4.336	11.317	1447.	30.	1.	762.3	27.0	1
1161	0	444	37.1945	88.8003	-648.7		KU	7.56	3.88	0.73	0.514	5.340	10.398	1398.	47.	0.	761.8	27.0	1
1162	0	440	37.1945	88.8009	-649.5		KU	7.26	2.56	0.82	0.353	3.131	8.880	1409.	36.	3.	760.7	26.9	1
1163	0	428	37.1946	88.8015	-650.0		KU	3.98	2.63	0.80	0.660	3.287	4.982	1196.	40.	4.	761.2	26.9	1
1164	0	388	37.1946	88.8022	-649.5		KU	6.02	1.45	0.84	0.241	1.729	7.179	1081.	53.	0.	761.8	26.9	1
1165	0	396	37.1946	88.8029	-649.2		KU	4.39	2.28	0.57	0.520	4.039	7.772	1017.	56.	3.	762.3	26.9	1
1166	0	400	37.1946	88.8036	-648.2		KU	6.81	1.38	0.68	0.203	2.039	10.064	1108.	39.	3.	761.8	26.8	1

CP9 1P 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1167	0	400	37.1946	88.8042	-648.2	KU	7.52	1.90	0.82	0.253	2.327	9.208	1196.	30.	2.	761.8	26.8	1
1168	0	424	37.1946	88.8049	-648.5	KU	6.46	1.80	0.75	0.278	2.410	8.662	1336.	44.	6.	762.3	26.8	1
1169	0	444	37.1947	88.8055	-648.2	KU	5.87	2.84	0.91	0.484	3.121	6.449	1294.	48.	3.	761.8	26.8	1
1170	10	448	37.1947	88.8062	-649.0	KU	7.14	1.23	0.88	0.0	0.0	8.121	1368.	43.	8.	762.3	26.8	1
1171	0	424	37.1947	88.8069	-648.2	KU	5.81	1.83	0.94	0.315	1.952	6.193	1250.	45.	9.	762.8	26.8	1
1172	0	436	37.1947	88.8075	-647.5	KU	4.43	4.11	0.59	0.928	6.933	7.471	1247.	39.	3.	761.8	26.7	1
1173	10	452	37.1947	88.8082	-648.7	KU	8.60	1.03	0.89	0.0	0.0	9.635	1320.	37.	4.	762.3	26.8	1
1174	0	468	37.1947	88.8088	-648.2	KU	5.28	2.94	0.59	0.557	4.973	8.928	1240.	45.	3.	762.8	26.7	1
1175	10	456	37.1948	88.8095	-647.2	KU	5.97	1.24	0.93	0.0	0.0	6.425	1171.	42.	3.	761.8	26.8	1
1176	0	432	37.1948	88.8102	-647.0	KU	5.82	1.34	0.65	0.230	2.046	8.898	1162.	34.	0.	761.8	26.8	1
1177	0	444	37.1948	88.8109	-647.5	KU	5.84	3.36	0.59	0.576	5.702	9.896	1156.	41.	0.	762.3	26.8	1
1178	0	440	37.1948	88.8115	-647.2	KU	3.54	1.64	1.10	0.462	1.489	3.226	1202.	47.	0.	761.8	26.9	1
1179	0	444	37.1948	88.8121	-647.7	KU	7.16	2.70	1.11	0.377	2.430	6.446	1330.	41.	0.	761.2	27.0	1
1180	0	444	37.1948	88.8128	-648.7	KU	7.07	3.74	0.93	0.529	4.028	7.612	1386.	50.	0.	761.2	27.0	1
1181	0	452	37.1948	88.8135	-649.7	KU	5.34	1.98	1.14	0.370	1.731	4.675	1322.	39.	0.	761.8	27.0	1
1182	0	468	37.1948	88.8141	-650.0	KU	4.74	4.75	0.62	1.004	7.640	7.613	1215.	47.	0.	762.3	26.9	1
1183	0	404	37.1949	88.8148	-648.2	KU	3.31	3.17	0.45	0.957	6.990	7.301	973.	48.	0.	761.2	26.9	1
1184	0	444	37.1949	88.8154	-649.0	KU	4.15	3.68	0.45	0.885	8.155	9.215	1092.	42.	3.	760.7	26.8	1
1185	0	432	37.1949	88.8161	-648.2	KU	5.21	2.55	0.66	0.490	3.887	7.926	1063.	33.	3.	761.2	26.8	1
1186	0	436	37.1949	88.8168	-648.5	KU	4.65	1.82	0.70	0.393	2.621	6.675	1137.	29.	0.	761.8	26.8	1
1187	0	464	37.1950	88.8175	-647.7	KU	4.65	2.44	0.78	0.525	3.134	5.975	1150.	45.	3.	762.3	26.8	1
1188	0	464	37.1950	88.8181	-649.0	KU	5.47	2.87	0.45	0.524	6.308	12.041	1213.	35.	6.	761.8	26.8	1
1189	0	460	37.1950	88.8187	-648.0	KU	4.06	4.07	0.51	1.001	7.930	7.921	1054.	49.	1.	761.2	26.8	1
1190	10	440	37.1950	88.8194	-647.7	KU	3.50	1.04	0.76	0.0	0.0	4.623	942.	50.	4.	761.8	26.8	1
1191	10	484	37.1950	88.8201	-647.2	QAL	5.32	0.75	0.80	0.0	0.0	6.656	857.	48.	1.	761.2	26.8	1
1192	10	496	37.1950	88.8207	-647.2	QAL	6.47	0.72	0.60	0.0	0.0	10.763	905.	33.	3.	761.2	26.8	1
1193	0	500	37.1950	88.8214	-649.0	QAL	2.21	2.75	0.43	1.249	6.334	5.071	812.	43.	2.	761.8	26.8	1
1194	0	508	37.1950	88.8221	-649.2	QAL	2.40	3.02	0.26	1.254	11.510	9.177	754.	43.	1.	761.8	26.8	1
1195	10	508	37.1951	88.8227	-650.0	QAL	3.77	0.67	0.52	0.0	0.0	7.242	611.	39.	0.	761.8	26.8	1
1196	110	508	37.1951	88.8233	-650.0	QAL	0.83	0.94	0.40	0.0	0.0	0.0	505.	50.	0.	761.2	26.8	1
1197	11	512	37.1951	88.8240	-650.0	QAL	2.06	0.77	0.14	0.0	0.0	0.0	381.	31.	0.	761.8	26.9	1
1198	110	516	37.1951	88.8247	-650.7	QAL	0.76	0.79	0.28	0.0	0.0	0.0	293.	47.	0.	762.3	26.9	1
1199	101	524	37.1951	88.8253	-650.7	QAL	0.47	1.25	0.17	0.0	0.0	0.0	279.	34.	0.	761.8	26.9	1
1200	110	524	37.1951	88.8260	-651.2	QAL	-0.05	0.53	0.23	0.0	0.0	0.0	158.	54.	1.	761.8	26.8	1
1201	101	524	37.1951	88.8267	-651.7	QAL	-0.10	1.62	-0.00	0.0	0.0	0.0	174.	44.	1.	761.8	26.8	1
1202	11	520	37.1951	88.8273	-651.5	QAL	1.84	0.10	0.02	0.0	0.0	0.0	203.	32.	4.	762.3	26.8	1
1203	11	520	37.1952	88.8280	-652.0	QAL	1.36	0.41	-0.10	0.0	0.0	0.0	142.	29.	6.	761.8	26.8	1
1204	111	520	37.1952	88.8286	-653.0	QAL	0.55	-0.92	-0.00	0.0	0.0	0.0	79.	37.	6.	761.2	26.8	1
1205	111	516	37.1952	88.8293	-652.2	QAL	-0.07	-0.00	-0.01	0.0	0.0	0.0	107.	30.	7.	761.8	26.8	1
1206	111	516	37.1952	88.8300	-652.0(WATER)		0.25	-0.04	0.02	0.0	0.0	0.0	107.	32.	7.	762.8	26.8	1
1207	111	512	37.1952	88.8306	-652.5(WATER)		1.13	-1.38	0.05	0.0	0.0	0.0	96.	32.	9.	762.8	26.8	1
1208	111	504	37.1952	88.8313	-652.2(WATER)		0.20	-1.64	0.04	0.0	0.0	0.0	80.	34.	13.	762.8	26.8	1
1209	111	496	37.1953	88.8319	-651.7(WATER)		0.00	-1.06	0.08	0.0	0.0	0.0	40.	47.	8.	762.3	26.9	1
1210	111	488	37.1953	88.8326	-652.0(WATER)		-0.06	-0.50	0.02	0.0	0.0	0.0	126.	23.	11.	762.3	26.9	1
1211	11	480	37.1953	88.8333	-653.0(WATER)		1.45	-1.50	0.00	0.0	0.0	0.0	81.	35.	9.	762.8	26.8	1
1212	111	476	37.1953	88.8339	-654.2(WATER)		0.01	-1.01	0.01	0.0	0.0	0.0	21.	33.	7.	762.8	26.8	1
1213	111	476	37.1953	88.8345	-654.5(WATER)		-0.04	0.21	-0.01	0.0	0.0	0.0	29.	38.	2.	763.3	26.9	1
1214	111	476	37.1953	88.8352	-654.5(WATER)		0.13	0.71	-0.10	0.0	0.0	0.0	39.	46.	4.	762.8	26.8	1
1215	111	476	37.1954	88.8359	-655.0(WATER)		-0.07	0.62	-0.07	0.0	0.0	0.0	63.	41.	3.	761.8	26.8	1
1216	111	476	37.1954	88.8366	-654.7(WATER)		-0.01	0.62	-0.05	0.0	0.0	0.0	50.	36.	0.	762.3	26.8	1
1217	111	476	37.1954	88.8372	-655.5(WATER)		0.73	-0.44	0.00	0.0	0.0	0.0	68.	35.	2.	762.3	26.8	1
1218	111	480	37.1954	88.8379	-656.2(WATER)		-0.05	0.67	-0.03	0.0	0.0	0.0	80.	34.	0.	762.8	26.8	1
1219	111	484	37.1954	88.8385	-656.5(WATER)		0.02	-0.50	0.10	0.0	0.0	0.0	48.	38.	2.	762.8	26.8	1

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TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1220	111	488	37.1954	88.8393	-656.7	(WATER)	0.45	0.80	-0.02	0.0	0.0	0.0	30.	43.	1.	762.3	26.8	1
1221	111	488	37.1954	88.8399	-657.0	(WATER)	-0.04	0.06	0.07	0.0	0.0	0.0	33.	47.	4.	762.8	26.8	1
1222	111	488	37.1954	88.8405	-657.7	(WATER)	-0.05	0.65	-0.08	0.0	0.0	0.0	32.	36.	4.	763.3	26.8	1
1223	111	492	37.1955	88.8412	-657.7	(WATER)	-0.01	-0.09	-0.05	0.0	0.0	0.0	43.	36.	6.	762.8	26.8	1
1224	111	496	37.1955	88.8418	-658.7	(WATER)	0.33	0.58	0.01	0.0	0.0	0.0	62.	36.	0.	762.3	26.8	1
1225	111	508	37.1955	88.8425	-658.7	(WATER)	0.14	-0.42	-0.02	0.0	0.0	0.0	59.	36.	10.	761.8	26.8	1
1226	111	524	37.1955	88.8432	-660.0	(WATER)	-0.08	0.30	-0.09	0.0	0.0	0.0	46.	52.	6.	761.2	26.8	1
1227	111	540	37.1955	88.8438	-661.2	(WATER)	0.93	-0.60	0.15	0.0	0.0	0.0	108.	31.	7.	761.2	26.8	1
1228	111	556	37.1955	88.8444	-663.0	(WATER)	0.45	0.08	-0.10	0.0	0.0	0.0	124.	34.	7.	760.7	26.8	1
1229	111	576	37.1955	88.8451	-663.0	(WATER)	1.16	-0.72	-0.05	0.0	0.0	0.0	116.	36.	8.	759.7	26.7	1
1230	111	588	37.1955	88.8458	-663.7	(WATER)	0.22	-0.40	0.14	0.0	0.0	0.0	143.	32.	9.	760.2	26.6	1
1231	111	600	37.1956	88.8465	-665.5	(WATER)	0.01	0.56	0.02	0.0	0.0	0.0	172.	31.	6.	760.7	26.6	1
1232	111	608	37.1956	88.8471	-666.0	(WATER)	0.93	-0.14	0.03	0.0	0.0	0.0	132.	45.	6.	759.7	26.6	1
1233	111	616	37.1956	88.8478	-666.7	(WATER)	0.19	0.46	0.18	0.0	0.0	0.0	160.	42.	4.	759.7	26.6	1
1234	110	620	37.1956	88.8484	-668.0	(WATER)	0.66	0.45	0.27	0.0	0.0	0.0	273.	34.	3.	759.7	26.6	1
1235	101	624	37.1957	88.8492	-668.7	(WATER)	0.53	2.45	0.04	0.0	0.0	0.0	304.	41.	1.	758.1	26.6	1
1236	101	628	37.1957	88.8498	-668.5	(WATER)	0.84	1.88	0.03	0.0	0.0	0.0	278.	41.	3.	758.7	26.6	1
1237	11	632	37.1957	88.8504	-669.5	(WATER)	3.68	0.41	-0.03	0.0	0.0	0.0	376.	41.	2.	759.2	26.5	1
1238	110	640	37.1957	88.8510	-669.7	(WATER)	0.32	0.75	0.36	0.0	0.0	0.0	498.	36.	5.	759.2	26.5	1
1239	1	644	37.1957	88.8517	-671.7	(WATER)	2.60	3.07	0.21	1.183	0.0	0.0	587.	45.	1.	758.7	26.5	1
1240	0	644	37.1957	88.8524	-672.7	(WATER)	3.02	3.36	0.47	1.115	7.222	6.478	710.	45.	0.	758.1	26.5	1
1241	10	652	37.1957	88.8531	-673.0	(WATER)	2.95	1.67	0.71	0.0	0.0	4.176	1011.	43.	8.	758.1	26.5	1
1242	0	656	37.1957	88.8537	-673.2	(WATER)	3.69	3.19	0.71	0.865	4.489	5.192	1023.	52.	6.	758.1	26.4	1
1243	10	620	37.1958	88.8544	-674.7	(WATER)	8.80	2.02	0.82	0.0	0.0	10.760	1191.	43.	2.	757.6	26.4	1
1244	10	636	37.1958	88.8550	-675.5	QAL	6.40	0.39	0.75	0.0	0.0	8.491	1251.	41.	6.	757.1	26.3	1
1245	0	696	37.1958	88.8557	-676.2	QAL	7.41	3.55	1.32	0.479	2.699	5.634	1548.	42.	7.	757.6	26.3	1
1246	10	704	37.1958	88.8564	-676.5	QAL	6.34	1.12	1.47	0.0	0.0	4.318	1517.	41.	7.	757.6	26.3	1
1247	1000	712	37.1958	88.8570	-677.5	QAL	5.92	4.11	0.77	0.694	5.352	7.710	1524.	47.	7.	756.6	26.3	1
1248	1000	728	37.1958	88.8577	-678.2	QAL	7.08	2.77	0.82	0.392	3.396	8.666	1610.	45.	10.	755.5	26.3	1
1249	1000	744	37.1958	88.8583	-679.2	QAL	5.20	4.19	1.34	0.806	3.133	3.885	1608.	40.	5.	756.6	26.3	1
1250	1010	756	37.1958	88.8590	-680.5	QAL	12.13	0.83	1.26	0.0	0.0	9.631	1723.	33.	8.	756.1	26.2	1
1251	1010	768	37.1959	88.8597	-681.7	QAL	9.09	0.59	1.04	0.0	0.0	8.755	1702.	41.	15.	755.0	26.2	1
1252	1010	768	37.1959	88.8604	-681.7	QAL	9.33	-0.53	1.39	0.0	0.0	6.721	1655.	37.	14.	754.5	26.1	1
1253	1010	784	37.1959	88.8609	-682.2	QAL	9.94	-1.64	1.24	0.0	0.0	7.989	1664.	44.	14.	754.5	26.1	1
1254	1010	880	37.1959	88.8616	-680.2	QAL	13.08	-4.09	1.56	0.0	0.0	8.390	1826.	37.	15.	755.0	26.1	1
1255	1010	812	37.1960	88.8623	-680.2	QAL	8.17	2.73	1.44	0.0	0.0	5.658	1644.	44.	9.	754.0	26.0	1
1256	1010	820	37.1960	88.8630	-684.0	QAL	6.57	0.59	0.77	0.0	0.0	8.536	1468.	42.	11.	752.4	26.0	1
1257	1010	820	37.1960	88.8636	-685.0	QAL	5.96	1.33	0.79	0.0	0.0	7.560	1469.	37.	12.	752.4	26.0	1
1258	1010	828	37.1960	88.8643	-687.0	QAL	7.29	1.62	1.45	0.0	0.0	5.016	1577.	35.	13.	753.0	26.0	1
1259	1010	828	37.1960	88.8649	-689.2	QAL	9.21	0.94	0.91	0.0	0.0	10.158	1566.	38.	11.	753.0	25.9	1
1260	1010	836	37.1960	88.8656	-690.5	QAL	8.12	0.64	1.65	0.0	0.0	4.921	1595.	39.	6.	753.0	25.9	1
1261	1010	844	37.1960	88.8663	-690.5	QAL	8.39	-1.37	1.68	0.0	0.0	4.989	1454.	54.	12.	753.0	25.9	1
1262	1010	848	37.1960	88.8669	-692.0	QAL	6.95	2.48	1.26	0.0	0.0	5.538	1653.	38.	7.	751.9	25.8	1
1263	1000	848	37.1961	88.8676	-691.2	QAL	7.83	4.31	1.12	0.551	3.847	6.989	1514.	46.	4.	752.4	25.9	1
1264	1010	852	37.1961	88.8682	-692.5	QAL	9.30	1.28	1.36	0.0	0.0	6.839	1464.	41.	9.	752.4	25.8	1
1265	1010	856	37.1961	88.8689	-693.0	QAL	11.75	-0.15	1.75	0.0	0.0	6.703	1695.	40.	6.	751.9	25.8	1
1266	1010	856	37.1961	88.8696	-692.7	QAL	11.48	-0.87	1.60	0.0	0.0	7.163	1591.	40.	6.	753.0	25.8	1
1267	1010	860	37.1962	88.8702	-692.2	QAL	9.08	1.88	1.21	0.0	0.0	7.499	1622.	51.	11.	753.5	25.8	1
1268	1010	860	37.1962	88.8709	-693.5	QAL	8.65	0.93	1.05	0.0	0.0	8.223	1649.	35.	14.	753.0	25.8	1
1269	1000	860	37.1962	88.8715	-694.2	QAL	7.46	4.49	1.24	0.601	3.610	6.003	1781.	38.	10.	754.0	25.8	1
1270	1010	860	37.1962	88.8723	-696.2	QAL	8.23	0.01	1.35	0.0	0.0	6.097	1640.	39.	9.	753.5	25.8	1
1271	1010	856	37.1962	88.8728	-697.5	QAL	8.80	2.25	1.44	0.0	0.0	6.133	1626.	38.	10.	752.4	25.8	1
1272	1010	848	37.1962	88.8735	-698.5	QAL	5.38	0.18	1.14	0.0	0.0	4.699	1554.	42.	12.	753.5	25.8	1

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TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1273	1010	840	37.1962	88.8742	-700.7	QAL	10.84	0.19	1.25	0.0	0.0	8.656	1568.	39.	10.	753.5	25.8	1
1274	1010	832	37.1962	88.8748	-701.5	QAL	7.89	2.11	0.98	0.0	0.0	8.086	1514.	41.	7.	753.5	25.8	1
1275	1010	820	37.1963	88.8755	-702.7	QAL	7.26	1.93	1.24	0.0	0.0	5.869	1577.	43.	5.	754.0	25.8	1
1276	1010	808	37.1963	88.8762	-704.5	QAL	4.31	2.27	1.18	0.0	0.0	3.637	1514.	41.	4.	754.0	25.8	1
1277	1000	796	37.1963	88.8768	-705.5	QAL	8.30	5.74	1.06	0.691	5.389	7.800	1548.	40.	4.	754.0	25.9	1
1278	1010	788	37.1963	88.8774	-705.7	QAL	5.58	1.75	1.54	0.0	0.0	3.627	1528.	44.	7.	754.5	25.9	1
1279	1010	780	37.1963	88.8781	-706.7	QAL	11.13	1.42	0.80	0.0	0.0	13.927	1641.	35.	7.	754.5	26.0	1
1280	1010	776	37.1963	88.8788	-707.7	QAL	7.27	1.49	1.04	0.0	0.0	7.003	1478.	45.	5.	754.5	26.0	1
1281	1010	768	37.1963	88.8795	-709.2	QAL	9.85	0.18	1.13	0.0	0.0	8.704	1685.	39.	7.	754.5	26.0	1
1282	1000	756	37.1963	88.8801	-710.5	QAL	2.73	5.60	1.00	2.049	5.570	2.718	1568.	33.	8.	755.5	26.1	1
1283	1010	744	37.1964	88.8808	-711.5	QAL	7.81	0.97	1.57	0.0	0.0	4.978	1537.	41.	11.	755.5	26.1	1
1284	1010	736	37.1964	88.8814	-712.5	QAL	7.35	2.30	0.89	0.0	0.0	8.287	1576.	44.	11.	755.5	26.1	1
1285	1000	728	37.1964	88.8822	-714.0	QAL	6.76	3.41	0.90	0.504	3.777	7.498	1561.	34.	9.	755.5	26.2	1
1286	10	696	37.1964	88.8828	-714.2	QAL	6.65	0.20	1.50	0.0	0.0	4.448	1505.	43.	7.	756.6	26.2	1
1287	1010	720	37.1964	88.8834	-714.5	QAL	7.19	1.36	1.59	0.0	0.0	4.530	1571.	31.	7.	755.5	26.2	1
1288	1000	724	37.1964	88.8840	-716.0	QAL	7.21	4.55	1.38	0.631	3.304	5.240	1616.	51.	4.	755.5	26.3	1
1289	1000	724	37.1964	88.8847	-717.7	QAL	6.81	3.31	1.35	0.485	2.448	5.042	1766.	35.	8.	756.1	26.3	1
1290	1000	724	37.1964	88.8854	-718.7	QAL	8.85	4.63	1.18	0.523	3.926	7.500	1641.	38.	8.	756.1	26.3	1
1291	1010	724	37.1965	88.8861	-718.5	QAL	11.36	-0.57	1.30	0.0	0.0	8.740	1647.	48.	11.	756.6	26.3	1
1292	1010	724	37.1965	88.8867	-720.0	QAL	9.75	2.13	1.14	0.0	0.0	8.524	1755.	36.	6.	756.6	26.4	1
1293	1010	728	37.1965	88.8874	-721.7	QAL	7.99	1.44	1.48	0.0	0.0	5.410	1653.	55.	11.	756.1	26.5	1
1294	1010	732	37.1965	88.8880	-723.0	QAL	6.92	-0.54	1.23	0.0	0.0	5.606	1639.	51.	14.	756.1	26.5	1
1295	1010	732	37.1965	88.8888	-723.7	QAL	8.09	0.56	1.28	0.0	0.0	6.322	1666.	42.	8.	756.1	26.6	1
1296	1010	736	37.1965	88.8894	-725.7	QAL	7.27	2.21	1.97	0.0	0.0	3.692	1741.	38.	11.	755.5	26.6	1
1297	1010	728	37.1965	88.8900	-727.7	QAL	11.44	2.17	0.80	0.0	0.0	14.339	1622.	48.	10.	756.1	26.5	1
1298	1010	724	37.1965	88.8907	-728.2	QAL	6.36	2.01	1.29	0.0	0.0	4.933	1753.	42.	13.	756.6	26.4	1
1299	1010	716	37.1966	88.8913	-729.7	QAL	7.74	2.55	0.99	0.0	0.0	7.788	1630.	41.	10.	756.1	26.4	1
1300	10	704	37.1965	88.8921	-730.2	QAL	7.45	0.70	1.21	0.0	0.0	6.182	1608.	32.	13.	755.5	26.3	1
1301	10	692	37.1966	88.8928	-733.0	QAL	5.85	2.44	1.19	0.0	0.0	4.902	1501.	42.	11.	756.1	26.4	1
1302	10	684	37.1966	88.8936	-734.2	QAL	9.89	-0.72	1.31	0.0	0.0	7.570	1532.	40.	12.	757.1	26.5	1
1303	10	676	37.1966	88.8943	-735.5	QAL	6.67	1.90	1.26	0.0	0.0	5.291	1388.	40.	12.	757.1	26.5	1
1304	0	672	37.1966	88.8951	-737.7	QAL	7.74	2.67	0.88	0.346	3.031	8.769	1428.	41.	2.	757.1	26.5	1
1305	10	648	37.1966	88.8959	-737.5	QAL	7.37	0.25	1.07	0.0	0.0	6.885	1256.	48.	8.	756.6	26.6	1
1306	0	604	37.1965	88.8966	-738.0	QAL	5.63	2.24	0.68	0.397	3.278	8.250	1327.	36.	5.	756.6	26.6	1
1307	0	604	37.1965	88.8973	-739.7	QAL	4.20	2.43	1.09	0.577	2.223	3.851	1281.	37.	5.	757.1	26.8	1
1308	0	596	37.1965	88.8980	-742.0	QAL	5.06	3.07	0.75	0.608	4.085	6.722	1211.	47.	0.	757.1	26.8	1
1309	10	596	37.1965	88.8987	-742.7	QAL	3.75	1.32	0.66	0.0	0.0	5.680	1144.	41.	1.	757.6	26.8	1
1310	0	616	37.1965	88.8995	-745.0	QAL	7.29	3.08	1.09	0.422	2.811	6.663	1292.	37.	1.	758.1	26.8	1
1311	10	608	37.1965	88.9003	-747.0	QAL	6.57	0.11	0.99	0.0	0.0	6.640	1250.	42.	5.	757.6	26.8	1
1312	0	600	37.1965	88.9010	-748.2	QAL	5.00	2.19	0.79	0.437	2.761	6.314	1249.	30.	6.	757.6	26.7	1
1313	10	620	37.1965	88.9017	-748.7	QAL	4.25	1.16	0.98	0.0	0.0	4.350	1378.	30.	10.	757.6	26.8	1
1314	10	632	37.1965	88.9025	-749.7	QAL	7.41	1.00	0.72	0.0	0.0	10.230	1303.	34.	11.	757.6	26.8	1
1315	10	616	37.1965	88.9032	-751.2	QAL	8.60	0.09	1.22	0.0	0.0	7.033	1403.	34.	11.	758.1	26.8	1
1316	10	608	37.1965	88.9040	-751.7	QAL	7.31	1.50	0.87	0.0	0.0	8.394	1405.	37.	13.	758.1	26.9	1
1317	0	608	37.1965	88.9047	-753.2	QAL	6.65	2.30	0.83	0.345	2.750	7.969	1380.	46.	11.	758.7	27.0	1
1318	0	604	37.1965	88.9055	-756.5	QAL	6.68	3.45	0.71	0.516	4.831	9.360	1395.	51.	8.	758.7	27.0	1
1319	10	596	37.1965	88.9062	-756.5	QAL	8.86	0.48	1.24	0.0	0.0	7.140	1397.	32.	11.	758.1	27.0	1
1320	10	584	37.1964	88.9070	-758.0	QAL	6.98	-0.33	1.21	0.0	0.0	5.781	1396.	35.	14.	758.1	26.9	1
1321	10	576	37.1964	88.9077	-761.0	QAL	8.33	1.74	1.49	0.0	0.0	5.601	1463.	38.	8.	758.1	27.0	1
1322	0	568	37.1964	88.9085	-762.7	QAL	7.41	2.76	1.01	0.372	2.736	7.353	1468.	43.	9.	758.1	27.0	1
1323	10	564	37.1964	88.9092	-763.5	QAL	6.48	1.76	1.29	0.0	0.0	5.037	1466.	36.	11.	759.2	27.1	1
1324	10	524	37.1964	88.9099	-764.2	QAL	6.82	1.40	0.98	0.0	0.0	6.981	1281.	35.	9.	759.2	27.1	1
1325	10	512	37.1964	88.9107	-766.2	QAL	5.49	1.66	0.90	0.0	0.0	6.122	1263.	45.	8.	758.1	27.1	1

CP9 IP12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1326	10	504	37.1964	88.9114	-767.5		QAL	7.60	0.22	1.01	0.0	0.0	7.557	1324.	47.	8.	759.2	27.0	1
1327	0	544	37.1964	88.9122	-770.5		QAL	8.88	3.25	0.84	0.367	3.863	10.537	1394.	47.	4.	760.2	27.1	1
1328	0	540	37.1964	88.9129	-772.2		QAL	7.96	1.99	1.07	0.251	1.855	7.405	1545.	46.	6.	759.7	27.1	1
1329	0	532	37.1964	88.9136	-773.5		QAL	6.78	2.93	1.28	0.432	2.288	5.302	1512.	48.	10.	759.7	27.1	1
1330	10	532	37.1964	88.9143	-773.5		QAL	7.67	1.34	1.27	0.0	0.0	6.045	1508.	43.	6.	759.7	27.1	1
1331	0	516	37.1964	88.9152	-776.0		QAL	5.92	2.91	1.18	0.492	2.474	5.031	1596.	37.	9.	759.2	27.1	1
1332	0	500	37.1964	88.9158	-778.0		QL	8.38	3.29	1.12	0.392	2.948	7.516	1688.	38.	6.	759.2	27.1	1
1333	0	492	37.1964	88.9166	-778.7		QL	7.82	2.95	1.24	0.377	2.368	6.284	1574.	50.	6.	760.2	27.1	1
1334	0	476	37.1963	88.9174	-780.7		QL	7.13	2.01	0.98	0.282	2.062	7.305	1495.	47.	9.	761.2	27.1	1
1335	0	468	37.1963	88.9181	-782.2		QL	6.63	3.74	1.32	0.564	2.822	5.007	1578.	33.	7.	760.2	27.1	1
1336	0	460	37.1963	88.9189	-785.0		QL	6.01	2.94	1.32	0.489	2.236	4.570	1558.	43.	6.	759.7	27.1	1
1337	10	456	37.1963	88.9196	-786.0		QL	7.31	1.52	1.44	0.0	0.0	5.091	1493.	44.	7.	760.7	27.2	1
1338	0	460	37.1963	88.9203	-788.5		QL	5.32	1.86	1.27	0.349	1.459	4.180	1564.	35.	10.	760.7	27.2	1
1339	0	468	37.1963	88.9211	-790.5		QL	6.10	1.88	1.01	0.308	1.858	6.031	1608.	37.	8.	760.2	27.3	1
1340	0	476	37.1963	88.9218	-792.7		QL	6.00	4.52	0.85	0.753	5.332	7.078	1584.	55.	6.	760.2	27.3	1
1341	0	484	37.1962	88.9225	-793.7		QL	5.88	4.52	0.93	0.769	4.851	6.305	1556.	41.	0.	761.2	27.3	1
1342	10	484	37.1962	88.9233	-795.0		QL	8.28	1.27	1.26	0.0	0.0	6.565	1506.	40.	3.	761.2	27.2	1
1343	0	484	37.1962	88.9240	-797.5		QL	5.74	3.45	1.03	0.601	3.360	5.595	1461.	42.	2.	760.2	27.3	1
1344	10	496	37.1962	88.9248	-798.7		QL	8.97	1.13	1.33	0.0	0.0	6.732	1557.	47.	4.	760.2	27.3	1
1345	10	500	37.1962	88.9255	-799.7		QL	7.04	0.87	1.23	0.0	0.0	5.741	1549.	34.	3.	761.2	27.3	1
1346	0	500	37.1962	88.9262	-800.2		QL	8.27	4.59	0.86	0.555	5.318	9.578	1628.	43.	0.	760.2	27.3	1
1347	0	504	37.1962	88.9269	-801.5		QL	8.76	1.89	1.29	0.216	1.464	6.782	1598.	41.	3.	759.2	27.3	1
1348	0	508	37.1962	88.9278	-803.2		QL	6.73	1.78	1.20	0.265	1.480	5.591	1545.	42.	4.	759.7	27.2	1
1349	10	508	37.1962	88.9285	-807.0		QL	8.23	-0.56	1.27	0.0	0.0	6.478	1543.	41.	7.	759.7	27.3	1
1350	0	520	37.1962	88.9292	-807.5		QL	7.52	3.61	1.12	0.479	3.234	6.745	1498.	45.	7.	759.7	27.3	1
1351	10	532	37.1962	88.9300	-810.2		QL	7.09	1.70	1.22	0.0	0.0	5.815	1524.	41.	10.	759.7	27.4	1
1352	10	536	37.1962	88.9307	-812.7		QL	9.27	1.37	1.14	0.0	0.0	8.100	1601.	48.	11.	759.7	27.3	1
1353	0	528	37.1962	88.9314	-812.2		QL	6.80	2.13	1.24	0.312	1.714	5.487	1544.	35.	11.	759.7	27.3	1
1354	0	524	37.1962	88.9322	-815.0		QL	8.06	2.08	1.09	0.258	1.898	7.369	1490.	35.	9.	759.7	27.3	1
1355	0	516	37.1961	88.9329	-816.0		QL	7.75	2.97	1.08	0.383	2.749	7.178	1607.	39.	5.	759.7	27.3	1
1356	0	512	37.1961	88.9337	-817.0		QL	5.84	3.22	1.32	0.552	2.443	4.429	1605.	41.	9.	759.7	27.2	1
1357	0	512	37.1961	88.9344	-819.2		QL	6.19	2.56	1.21	0.414	2.110	5.097	1575.	39.	6.	759.7	27.2	1
1358	10	512	37.1961	88.9351	-821.2		QL	7.17	0.90	1.31	0.0	0.0	5.495	1544.	45.	13.	760.7	27.1	1
1359	0	512	37.1961	88.9360	-822.2		QL	6.61	2.55	0.89	0.385	2.872	7.451	1622.	34.	7.	760.7	27.2	1
1360	10	512	37.1961	88.9367	-824.0		QL	6.90	1.26	1.45	0.0	0.0	4.773	1667.	43.	7.	759.7	27.1	1
1361	0	516	37.1961	88.9374	-825.7		QL	8.77	1.83	1.14	0.208	1.607	7.713	1594.	41.	3.	759.2	27.1	1
1362	10	520	37.1961	88.9382	-827.2		QL	7.93	1.07	1.43	0.0	0.0	5.564	1587.	46.	7.	760.2	27.1	1
1363	0	520	37.1961	88.9389	-829.0		QL	8.29	5.10	1.12	0.615	4.553	7.408	1608.	31.	2.	760.7	27.2	1
1364	0	520	37.1961	88.9396	-830.2		QL	6.44	3.27	0.99	0.508	3.303	6.505	1625.	37.	8.	759.7	27.1	1
1365	0	524	37.1961	88.9404	-831.7		QL	9.50	2.50	1.07	0.263	2.333	8.873	1569.	42.	8.	759.7	27.1	1
1366	10	488	37.1961	88.9411	-833.0		QL	5.80	-0.61	1.39	0.0	0.0	4.160	1490.	45.	14.	760.2	27.1	1
1367	10	476	37.1961	88.9418	-834.0		QL	6.95	1.22	0.92	0.0	0.0	7.534	1376.	48.	12.	759.2	27.1	1
1368	10	520	37.1961	88.9426	-836.0		QL	7.21	0.20	1.29	0.0	0.0	5.569	1640.	39.	14.	759.2	27.1	1
1369	10	516	37.1960	88.9433	-838.2		QL	9.72	0.51	1.36	0.0	0.0	7.125	1603.	30.	13.	759.7	27.1	1
1370	10	512	37.1960	88.9440	-838.7		QL	8.50	0.49	1.45	0.0	0.0	5.879	1652.	30.	11.	759.7	27.2	1
1371	0	512	37.1960	88.9448	-839.7		QL	8.33	2.16	1.46	0.259	1.478	5.708	1708.	46.	12.	759.7	27.2	1
1372	10	508	37.1960	88.9456	-841.7		QL	8.73	0.85	1.46	0.0	0.0	5.965	1664.	34.	10.	759.7	27.3	1
1373	10	512	37.1960	88.9464	-842.7		QL	9.77	1.32	1.25	0.0	0.0	7.842	1679.	45.	5.	759.7	27.3	1
1374	0	512	37.1960	88.9471	-843.2		QL	6.97	2.17	1.23	0.311	1.762	5.661	1697.	41.	9.	759.7	27.4	1
1375	0	516	37.1960	88.9478	-845.7		QL	6.84	2.92	0.96	0.426	3.038	7.125	1545.	42.	6.	759.7	27.5	1
1376	0	516	37.1960	88.9486	-846.2		QL	11.02	3.07	1.47	0.279	2.091	7.507	1683.	44.	2.	759.7	27.5	1
1377	0	516	37.1960	88.9493	-847.2		QL	8.35	3.29	1.31	0.395	2.506	6.352	1630.	41.	2.	760.2	27.4	1
1378	0	520	37.1960	88.9500	-849.0		QL	7.08	2.99	1.31	0.423	2.284	5.404	1604.	54.	2.	759.7	27.4	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1379	0	512	37.1960	88.9508	-851.2	QL	7.74	3.92	1.19	0.506	3.291	6.506	1511.	49.	0.	759.2	27.4	1
1380	0	504	37.1960	88.9516	-852.2	QL	8.79	3.69	1.14	0.420	3.232	7.693	1573.	33.	0.	759.2	27.3	1
1381	0	504	37.1960	88.9522	-853.2	QL	7.08	2.30	1.47	0.324	1.564	4.826	1626.	36.	2.	759.2	27.3	1
1382	0	504	37.1960	88.9530	-855.2	QL	8.23	2.61	0.92	0.317	2.829	8.915	1564.	36.	0.	760.2	27.3	1
1383	0	508	37.1959	88.9537	-856.7	QL	6.97	2.36	1.50	0.338	1.574	4.653	1654.	36.	0.	759.7	27.4	1
1384	0	508	37.1959	88.9544	-857.2	QL	7.34	3.96	1.00	0.540	3.965	7.345	1529.	45.	0.	759.2	27.4	1
1385	0	508	37.1959	88.9552	-859.2	QL	7.85	4.46	0.96	0.568	4.631	8.148	1603.	34.	1.	760.2	27.4	1
1386	0	508	37.1959	88.9560	-860.5	QL	7.83	3.51	1.20	0.448	2.917	6.518	1565.	35.	0.	760.2	27.4	1
1387	0	508	37.1959	88.9567	-861.5	QL	8.30	3.90	1.21	0.470	3.233	6.881	1648.	32.	0.	760.2	27.4	1
1388	0	508	37.1959	88.9575	-862.7	QL	7.28	3.16	1.17	0.434	2.708	6.241	1681.	31.	0.	759.7	27.4	1
1389	0	512	37.1959	88.9582	-863.0	QL	7.37	3.69	1.29	0.501	2.852	5.698	1706.	38.	0.	759.2	27.4	1
1390	0	508	37.1958	88.9590	-864.0	QL	6.80	2.96	1.35	0.436	2.200	5.048	1692.	42.	2.	760.2	27.4	1
1391	0	512	37.1958	88.9597	-866.2	QL	6.78	5.86	1.11	0.864	5.269	6.098	1724.	41.	0.	760.2	27.5	1
1392	10	508	37.1958	88.9604	-867.7	QL	7.41	1.47	1.34	0.0	0.0	5.543	1594.	53.	2.	759.7	27.5	1
1393	0	504	37.1958	88.9612	-869.0	QL	6.47	3.34	1.19	0.516	2.802	5.430	1520.	50.	5.	759.2	27.5	1
1394	0	504	37.1958	88.9619	-869.2	QL	6.77	4.31	1.09	0.636	3.935	6.184	1677.	45.	3.	759.2	27.4	1
1395	0	504	37.1958	88.9626	-870.7	QL	8.17	2.94	1.42	0.360	2.074	5.766	1693.	45.	7.	760.2	27.5	1
1396	10	504	37.1958	88.9634	-871.7	QL	9.66	0.53	1.30	0.0	0.0	7.452	1677.	35.	6.	759.7	27.5	1
1397	10	496	37.1958	88.9642	-872.5	QL	9.70	0.71	1.39	0.0	0.0	6.997	1654.	48.	6.	760.2	27.5	1
1398	0	496	37.1958	88.9649	-872.7	QL	5.74	4.64	1.37	0.808	3.372	4.175	1669.	45.	5.	760.2	27.4	1
1399	10	500	37.1958	88.9657	-875.0	QL	7.90	1.19	1.33	0.0	0.0	5.937	1548.	49.	5.	758.7	27.4	1
1400	0	508	37.1958	88.9664	-875.2	QL	7.01	2.82	1.10	0.402	2.563	6.374	1628.	46.	5.	759.7	27.3	1
1401	0	508	37.1958	88.9671	-876.2	QL	6.63	2.05	1.38	0.309	1.481	4.792	1626.	39.	9.	760.2	27.4	1
1402	0	508	37.1958	88.9679	-879.0	QL	5.69	1.79	1.46	0.315	1.228	3.901	1605.	46.	7.	759.7	27.4	1
1403	0	512	37.1958	88.9686	-878.5	QL	10.78	4.33	1.06	0.402	4.083	10.161	1754.	46.	0.	761.2	27.5	1
1404	0	512	37.1957	88.9693	-879.7	QL	8.05	3.05	1.35	0.379	2.256	5.959	1632.	42.	2.	759.7	27.5	1
1405	0	512	37.1957	88.9701	-880.5	QL	11.02	2.92	1.12	0.265	2.612	9.855	1727.	37.	0.	759.2	27.5	1
1406	0	508	37.1957	88.9708	-881.0	QL	8.64	2.59	1.47	0.299	1.755	5.864	1664.	43.	0.	760.2	27.4	1
1407	0	496	37.1957	88.9715	-881.5	QL	7.60	3.14	1.01	0.413	3.119	7.546	1627.	34.	0.	759.2	27.5	1
1408	0	496	37.1957	88.9723	-883.2	QL	7.19	5.27	0.97	0.732	5.441	7.434	1565.	43.	1.	759.7	27.5	1
1409	0	500	37.1957	88.9730	-885.0	QL	5.63	3.57	1.12	0.634	3.182	5.022	1598.	48.	3.	760.2	27.5	1
1410	0	508	37.1957	88.9738	-886.0	QL	9.25	2.13	1.26	0.231	1.692	7.333	1626.	29.	2.	759.2	27.4	1
1411	0	516	37.1957	88.9745	-887.2	QL	9.88	3.28	0.96	0.332	3.402	10.244	1549.	39.	3.	760.2	27.3	1
1412	10	516	37.1957	88.9753	-888.0	QL	9.58	-0.60	1.49	0.0	0.0	6.413	1517.	32.	4.	759.7	27.3	1
1413	10	516	37.1957	88.9761	-887.7	QL	8.90	1.11	1.06	0.0	0.0	8.399	1583.	39.	2.	760.2	27.3	1
1414	0	520	37.1957	88.9768	-889.7	QL	7.10	2.44	0.94	0.343	2.593	7.548	1517.	27.	7.	760.7	27.3	1
1415	0	520	37.1957	88.9775	-891.7	QL	8.25	2.23	0.85	0.271	2.634	9.728	1384.	48.	3.	759.7	27.3	1
1416	0	516	37.1957	88.9783	-892.5	QL	6.84	2.90	1.04	0.424	2.792	6.582	1487.	44.	2.	760.2	27.3	1
1417	0	516	37.1957	88.9790	-892.7	QL	7.62	2.17	0.93	0.285	2.323	8.154	1545.	46.	4.	760.2	27.4	1
1418	0	520	37.1956	88.9797	-893.2	QL	6.92	3.73	0.99	0.539	3.778	7.012	1447.	47.	1.	759.7	27.4	1
1419	0	524	37.1956	88.9805	-895.2	QL	6.79	3.25	1.22	0.478	2.665	5.569	1521.	40.	4.	761.2	27.4	1
1420	0	528	37.1956	88.9812	-896.5	QL	8.63	3.77	1.04	0.437	3.627	8.302	1531.	37.	0.	760.2	27.4	1
1421	0	528	37.1956	88.9819	-897.0	QL	6.49	4.09	1.40	0.631	2.933	4.649	1532.	35.	2.	759.2	27.5	1
1422	0	524	37.1956	88.9827	-899.5	QL	7.12	2.86	0.97	0.402	2.966	7.376	1613.	34.	0.	759.7	27.4	1
1423	0	524	37.1956	88.9835	-901.0	QL	8.90	2.50	0.98	0.280	2.561	9.131	1468.	45.	2.	758.7	27.4	1
1424	0	528	37.1956	88.9842	-900.7	QL	6.68	4.01	1.06	0.601	3.801	6.322	1403.	26.	4.	759.7	27.5	1
1425	0	532	37.1956	88.9849	-902.7	QAL	7.14	2.05	0.96	0.287	2.130	7.409	1386.	45.	6.	761.2	27.5	1
1426	0	536	37.1956	88.9857	-904.5	QAL	6.30	3.04	0.79	0.482	3.865	8.011	1355.	48.	5.	759.2	27.6	1
1427	0	540	37.1956	88.9865	-905.2	QAL	4.74	4.09	0.57	0.861	7.177	8.336	1369.	38.	7.	759.2	27.5	1
1428	10	544	37.1956	88.9872	-906.7	QAL	7.57	0.63	0.99	0.0	0.0	7.627	1425.	42.	10.	760.7	27.6	1
1429	10	544	37.1956	88.9879	-907.0	QAL	7.17	1.21	0.89	0.0	0.0	8.043	1451.	41.	11.	759.7	27.5	1
1430	0	548	37.1956	88.9887	-908.5	QAL	8.37	2.04	0.90	0.244	2.268	9.289	1366.	45.	9.	758.7	27.4	1
1431	10	548	37.1956	88.9894	-910.5	QAL	7.14	0.85	0.90	0.0	0.0	7.960	1377.	54.	16.	759.7	27.4	1

CP9 1P12

*	TAGS		* LOCATION		*			REDUCED DATA										*
* FD	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1432	10	540	37.1955	88.9901	-911.5		QAL	6.25	1.08	0.52	0.0	0.0	12.047	1344.	46.	15.	759.7	27.4	1
1433	10	536	37.1955	88.9909	-912.5		QAL	8.99	-2.11	0.98	0.0	0.0	9.141	1353.	30.	17.	758.7	27.4	1
1434	10	540	37.1955	88.9917	-912.5		QAL	6.15	0.62	1.06	0.0	0.0	5.781	1325.	40.	14.	759.2	27.4	1
1435	10	540	37.1955	88.9924	-913.7		QAL	6.54	1.58	1.01	0.0	0.0	6.462	1331.	37.	13.	760.2	27.5	1
1436	10	536	37.1955	88.9931	-914.2		QAL	6.17	1.20	0.90	0.0	0.0	6.869	1280.	46.	14.	759.2	27.5	1
1437	0	540	37.1955	88.9938	-914.5		QAL	5.01	2.79	1.11	0.558	2.516	4.509	1252.	38.	8.	758.1	27.5	1
1438	10	544	37.1955	88.9946	-916.7		QAL	6.60	1.49	0.87	0.0	0.0	7.597	1315.	39.	7.	760.2	27.4	1
1439	10	540	37.1954	88.9954	-918.2		QAL	5.85	1.22	0.93	0.0	0.0	6.257	1324.	38.	9.	760.7	27.4	1
1440	10	540	37.1954	88.9961	-920.2		QAL	9.35	1.70	1.00	0.0	0.0	9.323	1329.	36.	6.	758.7	27.4	1
1441	0	540	37.1954	88.9968	-920.5		QAL	5.97	3.78	0.76	0.633	4.991	7.885	1344.	37.	7.	758.7	27.4	1
1442	0	536	37.1954	88.9976	-921.0		QAL	5.89	4.97	0.63	0.845	7.921	9.376	1354.	40.	4.	759.7	27.3	1
1443	0	524	37.1954	88.9983	-922.2		QAL	6.28	4.97	0.59	0.792	8.452	10.667	1260.	41.	2.	760.7	27.4	1
1444	0	536	37.1954	88.9991	-924.0		QAL	5.01	4.78	0.78	0.954	6.118	6.410	1345.	37.	1.	759.7	27.3	1
1445	0	536	37.1954	88.9998	-924.7		QAL	7.40	1.85	0.77	0.250	2.415	9.659	1264.	43.	3.	758.7	27.3	1
1446	0	536	37.1954	89.0005	-926.0		QAL	6.41	4.04	0.42	0.631	9.674	15.337	1315.	24.	0.	758.7	27.3	1
1447	0	488	37.1954	89.0013	-926.7		QAL	7.27	2.15	0.61	0.296	3.511	11.875	1124.	46.	4.	759.7	27.3	1
1448	0	468	37.1954	89.0020	-928.0		QAL	6.01	1.76	0.67	0.293	2.610	8.906	1083.	36.	3.	760.7	27.3	1
1449	0	496	37.1954	89.0027	-928.7		QAL	4.68	1.68	0.88	0.359	1.919	5.341	1154.	38.	3.	760.7	27.4	1
1450	10	528	37.1954	89.0036	-930.0		QAL	7.29	0.39	1.04	0.0	0.0	7.026	1277.	36.	7.	760.2	27.4	1
1451	0	524	37.1954	89.0043	-930.2		QAL	5.80	3.18	0.49	0.548	6.518	11.895	1171.	33.	4.	759.2	27.4	1
1452	0	524	37.1954	89.0050	-929.7		QAL	6.25	2.32	0.89	0.372	2.604	7.005	1241.	48.	0.	760.2	27.3	1
1453	0	524	37.1953	89.0057	-931.0		QAL	7.16	2.52	1.01	0.352	2.487	7.064	1419.	36.	0.	761.2	27.3	1
1454	0	524	37.1953	89.0065	-933.5		QAL	7.06	2.06	0.97	0.292	2.119	7.255	1386.	41.	0.	760.7	27.3	1
1455	0	524	37.1953	89.0072	-932.5		QAL	5.06	4.63	0.74	0.915	6.249	6.826	1390.	42.	0.	759.7	27.3	1
1456	0	524	37.1953	89.0080	-933.7		QAL	6.05	1.68	1.14	0.278	1.471	5.284	1276.	45.	3.	759.2	27.2	1
1457	0	524	37.1953	89.0087	-935.5		QAL	5.09	2.27	0.88	0.446	2.587	5.801	1194.	41.	0.	760.2	27.2	1
1458	0	524	37.1953	89.0094	-936.2		QAL	5.57	4.91	0.91	0.882	5.409	6.134	1251.	42.	0.	761.2	27.2	1
1459	0	528	37.1953	89.0102	-937.0		QAL	6.61	1.82	1.00	0.275	1.818	6.610	1279.	38.	5.	760.7	27.2	1
1460	10	524	37.1953	89.0109	-937.5		QAL	7.11	0.25	1.19	0.0	0.0	5.994	1281.	41.	6.	759.7	27.2	1
1461	0	524	37.1953	89.0117	-939.0		QAL	5.35	2.19	0.92	0.410	2.381	5.800	1232.	39.	6.	759.7	27.2	1
1462	0	524	37.1953	89.0124	-939.5		QAL	6.97	4.21	0.87	0.603	4.811	7.975	1365.	28.	8.	759.7	27.2	1
1463	0	520	37.1953	89.0131	-940.5		QAL	6.27	2.34	1.06	0.373	2.216	5.937	1327.	40.	4.	760.2	27.2	1
1464	0	520	37.1953	89.0139	-942.2		QAL	5.99	1.89	0.79	0.315	2.380	7.556	1141.	48.	8.	761.2	27.2	1
1465	0	520	37.1953	89.0147	-941.2		QAL	5.84	1.69	0.86	0.290	1.969	6.794	1177.	49.	4.	761.2	27.3	1
1466	10	524	37.1953	89.0154	-941.2		QAL	6.74	1.21	0.94	0.0	0.0	7.192	1172.	47.	3.	760.7	27.3	1
1467	10	528	37.1952	89.0162	-942.7		QAL	7.47	0.93	0.76	0.0	0.0	9.817	1196.	42.	3.	760.7	27.3	1
1468	10	524	37.1952	89.0169	-943.5		QAL	7.03	1.09	0.91	0.0	0.0	7.746	1119.	39.	4.	759.7	27.3	1
1469	10	516	37.1952	89.0176	-943.7		QAL	5.64	0.90	0.87	0.0	0.0	6.458	1124.	36.	3.	759.7	27.3	1
1470	0	512	37.1952	89.0184	-945.0		QAL	5.05	2.71	0.88	0.535	3.087	5.768	1102.	36.	1.	760.7	27.3	1
1471	10	512	37.1952	89.0191	-946.0		QAL	5.84	1.33	0.82	0.0	0.0	7.112	1026.	39.	4.	762.8	27.3	1
1472	0	504	37.1952	89.0199	-946.2		QAL	6.14	3.78	0.72	0.616	5.241	8.509	1151.	32.	1.	762.8	27.3	1
1473	10	496	37.1952	89.0206	-946.7		QAL	6.30	0.45	0.81	0.0	0.0	7.753	1196.	37.	5.	761.8	27.4	1
1474	0	496	37.1951	89.0213	-947.0		QAL	6.81	2.10	0.83	0.308	2.538	8.253	1460.	47.	4.	760.7	27.4	1
1475	0	488	37.1951	89.0220	-948.0		QAL	5.39	4.71	1.29	0.874	3.659	4.186	1596.	42.	4.	759.7	27.4	1
1476	10	480	37.1951	89.0229	-948.2		QAL	10.17	0.48	1.17	0.0	0.0	8.700	1668.	52.	7.	760.7	27.4	1
1477	0	472	37.1951	89.0235	-949.2		QAL	8.83	2.27	1.41	0.256	1.611	6.279	1745.	39.	7.	761.8	27.5	1
1478	0	468	37.1951	89.0243	-951.0		QAL	8.93	2.96	1.37	0.331	2.165	6.541	1732.	45.	5.	762.8	27.5	1
1479	0	468	37.1951	89.0250	-951.5		QAL	8.39	3.93	1.02	0.469	3.851	8.210	1712.	45.	2.	762.8	27.5	1
1480	0	460	37.1951	89.0258	-952.2		QAL	9.51	2.60	1.29	0.274	2.022	7.389	1674.	48.	0.	762.8	27.5	1
1481	0	460	37.1951	89.0266	-955.0		QAL	7.81	2.71	1.15	0.347	2.355	6.796	1625.	34.	1.	762.8	27.6	1
1482	0	452	37.1951	89.0273	-956.0		QAL	6.74	1.54	0.96	0.229	1.608	7.017	1487.	34.	1.	761.8	27.5	1
1483	0	432	37.1951	89.0280	-954.0		QAL	6.64	3.04	1.04	0.458	2.920	6.380	1447.	36.	1.	760.7	27.6	1
1484	0	408	37.1951	89.0288	-954.7		QAL	5.02	1.70	1.31	0.339	1.297	3.825	1409.	46.	3.	761.2	27.6	1

CP 9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1485	0	432	37.1951	89.0295	-957.0	QAL	8.20	1.69	0.88	0.206	1.926	9.346	1453.	46.	2.	761.2	27.6	1
1486	0	456	37.1951	89.0302	-958.0	QAL	6.38	2.30	1.35	0.360	1.703	4.731	1494.	43.	2.	760.7	27.6	1
1487	0	460	37.1951	89.0310	-959.7	QAL	7.43	2.66	1.07	0.358	2.484	6.942	1417.	48.	3.	761.8	27.6	1
1488	10	464	37.1950	89.0318	-961.2	QAL	6.82	0.40	1.21	0.0	0.0	5.632	1282.	47.	4.	762.8	27.6	1
1489	0	472	37.1950	89.0325	-954.2	QAL	4.81	3.01	0.53	0.626	5.687	9.087	1133.	39.	6.	762.8	27.6	1
1490	0	484	37.1950	89.0332	-928.7	QAL	2.26	1.42	0.45	0.628	3.174	5.055	811.	34.	6.	762.8	27.6	1
1491	10	488	37.1950	89.0339	-884.2	(WATER)	3.82	0.37	0.50	0.0	0.0	7.617	623.	38.	6.	762.8	27.6	1
1492	10	492	37.1950	89.0347	-862.0	(WATER)	2.62	0.86	0.25	0.0	0.0	10.397	475.	25.	3.	760.7	27.6	1
1493	111	500	37.1950	89.0355	-882.2	(WATER)	-0.11	0.22	0.17	0.0	0.0	0.0	198.	44.	10.	760.7	27.6	1
1494	111	504	37.1950	89.0362	-915.7	(WATER)	-0.02	-0.70	0.10	0.0	0.0	0.0	160.	41.	8.	760.7	27.6	1
1495	111	512	37.1950	89.0369	-935.2	(WATER)	0.54	-1.36	0.11	0.0	0.0	0.0	97.	47.	10.	759.7	27.6	1
1496	111	520	37.1950	89.0377	-948.2	(WATER)	-0.04	-0.36	-0.07	0.0	0.0	0.0	92.	30.	9.	760.7	27.6	1
1497	111	520	37.1950	89.0384	-954.2	(WATER)	-0.05	-0.28	0.13	0.0	0.0	0.0	122.	38.	7.	761.8	27.5	1
1498	111	520	37.1950	89.0392	-958.0	(WATER)	0.01	-0.59	0.07	0.0	0.0	0.0	29.	44.	4.	761.8	27.4	1
1499	111	516	37.1950	89.0399	-960.5	(WATER)	0.33	-1.18	-0.01	0.0	0.0	0.0	67.	41.	9.	762.8	27.4	1
1500	111	512	37.1950	89.0406	-961.5	(WATER)	0.17	-1.22	0.15	0.0	0.0	0.0	40.	31.	9.	762.3	27.4	1
1501	111	508	37.1950	89.0414	-961.0	(WATER)	0.03	-0.48	-0.03	0.0	0.0	0.0	46.	35.	7.	760.2	27.4	1
1502	11	508	37.1949	89.0421	-961.2	(WATER)	1.35	-2.09	0.03	0.0	0.0	0.0	54.	30.	10.	760.2	27.4	1
1503	111	508	37.1949	89.0428	-961.7	(WATER)	0.07	-0.89	0.01	0.0	0.0	0.0	18.	41.	8.	760.2	27.4	1
1504	111	504	37.1949	89.0436	-961.2	(WATER)	0.04	-1.54	0.04	0.0	0.0	0.0	-17.	46.	8.	761.2	27.4	1
1505	111	504	37.1949	89.0444	-962.2	(WATER)	0.59	-0.79	-0.01	0.0	0.0	0.0	56.	41.	6.	762.3	27.4	1
1506	111	504	37.1949	89.0451	-962.7	(WATER)	0.15	0.13	0.00	0.0	0.0	0.0	85.	23.	4.	762.8	27.4	1
1507	111	504	37.1949	89.0459	-963.0	(WATER)	-0.02	-0.55	-0.02	0.0	0.0	0.0	34.	39.	6.	762.8	27.4	1
1508	111	500	37.1949	89.0466	-962.5	(WATER)	0.00	-0.86	0.01	0.0	0.0	0.0	51.	35.	7.	762.8	27.4	1
1509	111	500	37.1949	89.0473	-964.0	(WATER)	-0.05	0.34	-0.00	0.0	0.0	0.0	56.	39.	3.	762.3	27.4	1
1510	111	500	37.1949	89.0481	-963.5	(WATER)	-0.03	0.35	0.01	0.0	0.0	0.0	34.	44.	0.	761.2	27.4	1
1511	111	500	37.1949	89.0488	-963.2	(WATER)	0.92	0.18	-0.04	0.0	0.0	0.0	80.	33.	2.	761.2	27.5	1
1512	111	500	37.1949	89.0495	-963.2	QAL	0.29	-0.58	0.08	0.0	0.0	0.0	128.	43.	5.	761.2	27.4	1
1513	111	496	37.1949	89.0503	-963.5	QAL	0.51	-0.07	0.12	0.0	0.0	0.0	162.	36.	4.	761.8	27.4	1
1514	110	496	37.1949	89.0510	-963.2	QAL	0.89	0.48	0.17	0.0	0.0	0.0	288.	34.	0.	762.8	27.3	1
1515	10	492	37.1949	89.0517	-963.2	QAL	1.42	0.10	0.35	0.0	0.0	4.100	448.	37.	3.	763.8	27.3	1
1516	10	488	37.1949	89.0525	-963.0	QAL	3.41	0.74	0.27	0.0	0.0	12.578	671.	30.	7.	763.8	27.3	1
1517	10	460	37.1949	89.0531	-962.0	QAL	3.64	0.46	0.88	0.0	0.0	4.124	859.	29.	5.	763.8	27.3	1
1518	0	348	37.1949	89.0538	-962.7	QTC-1	2.91	1.76	0.63	0.603	2.809	4.660	898.	57.	4.	762.8	27.3	1
1519	0	336	37.1949	89.0545	-962.0	QTC-1	4.89	1.08	0.64	0.221	1.693	7.658	1043.	40.	1.	762.8	27.4	1
1520	0	316	37.1949	89.0551	-962.0	QTC-1	4.81	2.67	0.81	0.556	3.308	5.953	1098.	35.	1.	762.3	27.4	1
1521	0	300	37.1950	89.0558	-962.2	QTC-1	5.31	1.33	0.76	0.250	1.749	7.007	1135.	33.	3.	761.2	27.5	1
1522	0	312	37.1950	89.0565	-963.2	QTC-1	5.98	2.55	0.63	0.426	4.051	9.516	1266.	38.	2.	761.2	27.6	1
1523	0	320	37.1950	89.0571	-961.2	QTC-1	6.43	1.71	0.93	0.266	1.841	6.924	1362.	42.	5.	761.8	27.7	1
1524	0	364	37.1950	89.0578	-961.0	QTC-1	7.73	1.45	1.14	0.188	1.270	6.768	1480.	40.	7.	761.8	27.7	1
1525	10	372	37.1950	89.0585	-960.5	QTC-1	9.72	1.29	0.98	0.0	0.0	9.876	1506.	48.	5.	762.8	27.7	1
1526	0	380	37.1950	89.0591	-961.0	QTC-1	6.65	1.38	1.06	0.208	1.305	6.282	1297.	46.	6.	762.8	27.7	1
1527	0	348	37.1951	89.0598	-959.5	QTC-1	4.69	2.01	0.68	0.428	2.944	6.882	1187.	40.	7.	762.8	27.6	1
1528	10	336	37.1951	89.0605	-961.0	QTC-1	5.69	-0.15	0.86	0.0	0.0	6.625	1102.	45.	8.	763.8	27.5	1
1529	10	328	37.1951	89.0612	-961.5	QTC-1	6.28	0.20	0.95	0.0	0.0	6.629	1183.	28.	7.	763.8	27.4	1
1530	0	332	37.1951	89.0619	-961.7	QTC-1	5.42	3.43	0.70	0.633	4.923	7.783	1132.	41.	4.	763.8	27.4	1
1531	0	336	37.1951	89.0625	-961.0	QTC-1	6.11	1.61	0.73	0.264	2.212	8.374	1157.	33.	7.	763.8	27.4	1
1532	0	320	37.1952	89.0632	-960.7	QTC-1	4.51	2.35	0.77	0.521	3.045	5.843	1216.	41.	0.	762.8	27.4	1
1533	0	332	37.1952	89.0639	-960.2	QTC-1	6.50	2.22	0.99	0.341	2.249	6.589	1404.	38.	4.	762.8	27.5	1
1534	0	332	37.1952	89.0645	-960.2	QTC-1	7.62	1.65	1.07	0.216	1.531	7.091	1476.	30.	5.	762.8	27.4	1
1535	0	324	37.1952	89.0652	-960.0	QTC-1	6.96	2.54	1.11	0.365	2.291	6.277	1526.	50.	5.	762.3	27.4	1
1536	0	336	37.1952	89.0659	-958.7	QTC-1	6.34	3.51	1.10	0.553	3.177	5.741	1629.	52.	3.	762.3	27.4	1
1537	0	328	37.1952	89.0665	-958.7	QTC-1	8.17	3.09	1.32	0.379	2.349	6.204	1712.	26.	3.	762.3	27.5	1

* TAGS *			* LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1538	0	324	37.1953	89.0672	-959.0	QTC-1	6.66	3.90	1.20	0.586	3.255	5.555	1690.	52.	5.	761.2	27.4	1
1539	0	340	37.1953	89.0679	-959.5	QTC-1	7.37	3.81	1.28	0.516	2.970	5.751	1632.	55.	2.	762.3	27.5	1
1540	0	352	37.1953	89.0685	-960.5	QTC-1	5.95	1.92	1.33	0.323	1.452	4.490	1635.	43.	7.	761.8	27.4	1
1541	0	332	37.1953	89.0692	-961.2	QTC-1	9.13	1.65	1.16	0.181	1.423	7.871	1608.	41.	7.	760.7	27.5	1
1542	10	360	37.1953	89.0699	-959.2	QTC-1	7.74	1.24	1.09	0.0	0.0	7.105	1611.	41.	6.	761.8	27.5	1
1543	0	364	37.1953	89.0705	-959.0	QTC-1	6.91	2.95	0.87	0.427	3.389	7.941	1583.	40.	7.	760.7	27.6	1
1544	0	348	37.1954	89.0713	-959.0	QTC-1	7.76	1.78	1.05	0.229	1.693	7.399	1530.	44.	8.	759.7	27.5	1
1545	10	352	37.1954	89.0719	-958.0	QTC-1	7.85	0.86	1.00	0.0	0.0	7.836	1445.	39.	6.	760.7	27.6	1
1546	0	340	37.1954	89.0726	-958.0	QTC-1	4.14	3.14	1.18	0.760	2.666	3.506	1469.	42.	4.	760.7	27.5	1
1547	0	384	37.1955	89.0733	-957.2	QTC-1	6.21	2.81	1.19	0.452	2.361	5.227	1540.	41.	5.	760.7	27.4	1
1548	0	412	37.1955	89.0739	-957.7	QTC-1	7.98	1.64	1.40	0.205	1.170	5.708	1678.	42.	7.	760.7	27.3	1
1549	0	424	37.1955	89.0747	-956.2	QTC-1	8.62	2.20	1.39	0.255	1.582	6.205	1694.	42.	2.	760.7	27.3	1
1550	0	436	37.1955	89.0753	-956.5	QTC-1	5.15	3.67	1.54	0.713	2.388	3.352	1696.	40.	4.	760.7	27.3	1
1551	0	436	37.1955	89.0759	-955.7	QTC-1	6.23	1.62	1.35	0.260	1.196	4.604	1652.	41.	6.	760.7	27.3	1
1552	0	436	37.1956	89.0767	-956.0	QTC-1	8.55	3.05	1.45	0.357	2.102	5.892	1685.	47.	3.	760.2	27.3	1
1553	0	448	37.1956	89.0773	-955.0	QTC-1	6.65	3.64	1.12	0.548	3.253	5.940	1526.	50.	1.	760.2	27.3	1
1554	10	464	37.1956	89.0779	-953.2	QTC-1	8.20	1.65	1.52	0.0	0.0	5.387	1619.	38.	8.	761.2	27.4	1
1555	0	476	37.1956	89.0786	-953.0	QTC-1	6.25	3.87	1.21	0.620	3.212	5.182	1534.	25.	5.	760.7	27.4	1
1556	0	440	37.1956	89.0793	-952.5	QAL	4.94	2.88	1.00	0.582	2.890	4.966	1393.	33.	3.	759.7	27.4	1
1557	10	440	37.1956	89.0799	-951.5	QAL	9.56	0.98	0.96	0.0	0.0	9.982	1431.	49.	7.	760.7	27.3	1
1558	10	436	37.1957	89.0807	-949.7	QAL	6.36	1.10	1.19	0.0	0.0	5.328	1322.	50.	5.	761.8	27.4	1
1559	0	472	37.1957	89.0813	-949.5	QAL	4.55	2.00	1.11	0.439	1.806	4.115	1535.	36.	5.	760.7	27.4	1
1560	10	472	37.1957	89.0820	-950.5	QAL	8.06	0.32	1.41	0.0	0.0	5.735	1549.	39.	8.	760.7	27.4	1
1561	0	464	37.1957	89.0827	-950.5	QTC-1	10.26	2.48	1.06	0.242	2.336	9.667	1601.	49.	3.	760.7	27.4	1
1562	0	464	37.1957	89.0833	-948.2	QTC-1	5.48	3.02	1.27	0.551	2.378	4.312	1593.	35.	7.	760.7	27.4	1
1563	10	460	37.1958	89.0840	-947.5	QTC-1	6.28	1.50	1.49	0.0	0.0	4.218	1608.	34.	7.	760.2	27.5	1
1564	0	444	37.1958	89.0847	-946.7	QTC-1	4.97	2.27	1.22	0.456	1.856	4.068	1550.	35.	7.	760.2	27.4	1
1565	0	428	37.1958	89.0853	-944.7	QTC-1	5.12	3.79	1.21	0.741	3.131	4.226	1625.	46.	4.	760.2	27.4	1
1566	0	420	37.1958	89.0861	-944.7	QTC-1	8.51	3.83	1.16	0.451	3.298	7.319	1672.	44.	0.	760.7	27.4	1
1567	0	432	37.1958	89.0867	-944.7	QTC-1	9.16	2.31	1.25	0.252	1.853	7.352	1784.	43.	1.	760.7	27.4	1
1568	0	432	37.1958	89.0873	-943.2	QTC-1	8.93	3.33	1.32	0.372	2.521	6.770	1732.	37.	1.	760.7	27.3	1
1569	0	416	37.1959	89.0880	-942.7	QTC-2	7.18	3.17	1.22	0.441	2.591	5.870	1676.	38.	3.	760.7	27.3	1
1570	0	408	37.1959	89.0887	-941.5	QTC-2	7.36	2.52	1.56	0.343	1.616	4.712	1700.	37.	2.	760.7	27.3	1
1571	0	408	37.1959	89.0894	-942.0	QTC-1	9.28	3.38	1.31	0.364	2.591	7.111	1694.	40.	1.	760.7	27.3	1
1572	0	416	37.1960	89.0900	-940.2	QTC-1	9.24	2.74	1.11	0.297	2.465	8.298	1636.	49.	2.	760.7	27.4	1
1573	0	412	37.1960	89.0907	-938.0	QTC-1	7.65	2.33	1.26	0.305	1.852	6.082	1601.	39.	6.	761.8	27.3	1
1574	0	380	37.1960	89.0914	-936.5	QAL	7.45	1.79	1.17	0.241	1.529	6.348	1528.	44.	4.	761.8	27.3	1
1575	0	428	37.1960	89.0921	-936.5	QAL	6.96	2.59	1.31	0.373	1.985	5.323	1606.	46.	2.	761.8	27.3	1
1576	0	432	37.1960	89.0927	-935.7	QTC-1	6.83	2.95	1.15	0.433	2.579	5.961	1607.	36.	4.	761.2	27.3	1
1577	0	436	37.1960	89.0933	-934.2	QTC-1	5.72	3.04	1.28	0.532	2.373	4.461	1585.	37.	0.	761.2	27.4	1
1578	0	448	37.1961	89.0941	-934.0	QTC-1	6.70	3.07	1.23	0.458	2.502	5.460	1552.	44.	0.	762.3	27.4	1
1579	0	452	37.1961	89.0947	-931.2	QTC-1	6.55	1.54	1.11	0.235	1.393	5.924	1534.	39.	5.	763.3	27.4	1
1580	0	452	37.1961	89.0955	-930.0	QTC-1	8.59	2.04	0.95	0.238	2.154	9.051	1584.	38.	5.	763.8	27.4	1
1581	0	448	37.1961	89.0961	-929.7	QTC-1	7.49	4.01	1.38	0.535	2.907	5.437	1562.	44.	0.	764.3	27.4	1
1582	0	428	37.1961	89.0967	-927.5	QTC-1	5.19	2.68	1.42	0.516	1.889	3.665	1605.	45.	3.	762.8	27.3	1
1583	0	412	37.1962	89.0974	-926.2	QTC-1	8.93	2.63	1.26	0.294	2.076	7.058	1652.	39.	1.	762.3	27.3	1
1584	0	404	37.1962	89.0981	-924.5	QTC-1	7.97	2.71	1.13	0.341	2.395	7.033	1612.	46.	4.	763.3	27.4	1
1585	0	400	37.1962	89.0987	-923.0	QTC-1	8.79	3.24	1.28	0.368	2.522	6.847	1679.	45.	0.	762.8	27.5	1
1586	0	412	37.1962	89.0994	-920.7	QTC-2	7.74	2.55	1.28	0.329	1.992	6.049	1626.	47.	6.	761.8	27.4	1
1587	0	404	37.1962	89.1001	-920.7	QTC-2	8.17	3.64	1.37	0.445	2.650	5.952	1728.	36.	4.	761.8	27.4	1
1588	0	404	37.1962	89.1008	-919.0	QTC-2	10.67	1.81	1.28	0.169	1.413	8.348	1706.	42.	3.	761.8	27.3	1
1589	0	412	37.1963	89.1015	-917.7	QTC-2	9.23	4.03	1.44	0.436	2.804	6.433	1782.	43.	2.	761.8	27.3	1
1590	0	416	37.1963	89.1021	-915.2	QTC-2	9.43	1.66	1.28	0.176	1.302	7.385	1745.	51.	6.	761.8	27.3	1

* ID	TAGS QUAL	ALT	LAT	* LOCATION LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
1591	0	404	37.1963	89.1027	-913.0	QTC-2	8.62	3.56	1.41	0.413	2.522	6.111	1689.	44.	1.	760.7	27.3	1
1592	0	412	37.1964	89.1035	-911.7	QTC-2	9.92	2.02	1.35	0.203	1.494	7.355	1747.	43.	2.	761.8	27.3	1
1593	0	424	37.1964	89.1041	-911.5	QTC-2	10.60	2.67	1.57	0.252	1.699	6.736	1897.	38.	0.	762.8	27.4	1
1594	0	436	37.1964	89.1048	-910.2	QTC-2	9.74	3.95	1.22	0.406	3.239	7.978	1786.	36.	1.	763.3	27.4	1
1595	0	436	37.1964	89.1055	-909.2	QTC-2	6.58	2.61	1.36	0.397	1.921	4.841	1822.	45.	0.	763.3	27.4	1
1596	0	436	37.1964	89.1061	-907.5	QTC-2	9.81	2.99	1.35	0.304	2.207	7.249	1704.	37.	0.	762.3	27.3	1
1597	0	452	37.1965	89.1068	-906.0	QTC-1	7.50	2.29	0.82	0.305	2.791	9.148	1574.	48.	0.	762.8	27.4	1
1598	0	456	37.1965	89.1075	-904.0	QTC-1	6.09	1.60	1.50	0.263	1.065	4.044	1579.	34.	2.	763.8	27.4	1
1599	0	464	37.1965	89.1082	-903.0	QTC-1	8.06	2.70	1.21	0.335	2.237	6.674	1558.	39.	3.	762.3	27.4	1
1600	0	480	37.1965	89.1089	-901.7	QTC-1	7.68	1.61	1.33	0.210	1.213	5.770	1551.	35.	3.	760.2	27.3	1
1601	0	480	37.1965	89.1095	-899.7	QTC-1	7.93	1.98	1.34	0.250	1.482	5.934	1607.	31.	2.	760.2	27.3	1
1602	0	472	37.1965	89.1102	-898.5	QTC-1	6.75	3.33	1.19	0.493	2.808	5.692	1664.	32.	0.	760.2	27.3	1
1603	10	472	37.1965	89.1109	-897.7	QTC-1	8.67	0.98	1.26	0.0	0.0	6.897	1576.	40.	3.	760.7	27.3	1
1604	0	460	37.1965	89.1115	-895.7	QTC-1	8.80	2.05	1.12	0.233	1.832	7.870	1600.	37.	2.	760.7	27.3	1
1605	0	452	37.1965	89.1121	-894.7	QTC-1	8.44	2.23	1.18	0.265	1.885	7.126	1572.	33.	2.	760.7	27.3	1
1606	0	444	37.1966	89.1129	-892.5	QTC-1	8.00	1.54	1.37	0.192	1.117	5.818	1513.	47.	1.	761.2	27.3	1
1607	0	444	37.1966	89.1135	-890.5	QTC-1	6.50	2.86	1.17	0.440	2.454	5.579	1499.	40.	1.	761.2	27.4	1
1608	0	440	37.1966	89.1142	-889.0	QTC-1	7.06	3.52	1.22	0.499	2.886	5.778	1528.	42.	1.	760.2	27.4	1
1609	0	432	37.1967	89.1149	-887.0	QTC-1	6.04	1.79	1.16	0.296	1.544	5.224	1577.	41.	1.	759.2	27.4	1
1610	10	432	37.1967	89.1155	-885.2	QTC-1	6.69	1.31	1.19	0.0	0.0	5.599	1487.	42.	7.	759.2	27.3	1
1611	0	444	37.1967	89.1162	-884.5	QTC-1	7.88	2.05	1.16	0.260	1.770	6.811	1476.	42.	3.	759.7	27.4	1
1612	0	408	37.1967	89.1169	-883.7	QTC-1	5.71	3.37	0.91	0.591	3.718	6.292	1468.	27.	4.	760.7	27.4	1
1613	0	420	37.1967	89.1176	-882.7	QTC-1	6.07	3.13	0.94	0.515	3.308	6.422	1366.	39.	2.	761.8	27.4	1
1614	0	432	37.1968	89.1182	-879.5	QTC-1	6.49	3.39	0.92	0.523	3.685	7.046	1425.	30.	5.	760.7	27.4	1
1615	0	476	37.1968	89.1189	-877.2	QTC-1	6.90	1.66	1.45	0.241	1.143	4.749	1565.	45.	5.	759.7	27.3	1
1616	0	492	37.1968	89.1196	-876.5	QTC-1	6.53	1.98	1.32	0.303	1.502	4.950	1543.	28.	8.	758.7	27.2	1
1617	0	492	37.1969	89.1203	-874.7	QAL	7.30	3.02	1.26	0.414	2.391	5.775	1648.	42.	5.	758.7	27.2	1
1618	10	472	37.1969	89.1209	-873.7	QAL	8.33	0.92	1.30	0.0	0.0	6.394	1552.	39.	8.	759.7	27.0	1
1619	10	480	37.1969	89.1215	-872.2	QAL	6.96	1.60	1.43	0.0	0.0	4.873	1555.	47.	7.	760.7	27.1	1
1620	0	488	37.1969	89.1223	-870.2	QTC-1	8.31	1.64	1.39	0.197	1.181	5.999	1526.	31.	4.	760.7	27.1	1
1621	0	488	37.1969	89.1229	-870.2	QTC-1	8.77	3.53	0.96	0.402	3.689	9.170	1640.	23.	5.	759.7	27.1	1
1622	0	488	37.1969	89.1236	-868.0	QTC-1	7.71	4.15	0.77	0.538	5.395	10.034	1561.	43.	6.	758.7	27.1	1
1623	10	492	37.1970	89.1243	-864.2	QTC-1	5.06	1.15	1.31	0.0	0.0	3.852	1455.	44.	4.	759.2	27.1	1
1624	0	492	37.1970	89.1249	-865.0	QTC-1	7.28	2.63	1.20	0.362	2.202	6.085	1584.	35.	3.	761.2	27.1	1
1625	0	488	37.1969	89.1256	-863.2	QTC-1	8.21	2.99	1.25	0.364	2.396	6.579	1542.	40.	0.	761.2	27.1	1
1626	0	476	37.1970	89.1263	-862.0	QTC-1	5.97	2.46	1.31	0.412	1.874	4.551	1561.	31.	0.	760.2	27.1	1
1627	0	440	37.1970	89.1269	-861.0	QTC-1	6.55	3.95	1.11	0.603	3.547	5.883	1502.	40.	0.	759.7	27.1	1
1628	0	428	37.1971	89.1277	-859.7	QTC-1	8.06	3.16	1.11	0.392	2.853	7.281	1578.	28.	0.	759.7	27.1	1
1629	0	408	37.1971	89.1283	-857.5	QTC-1	7.44	2.65	1.36	0.356	1.943	5.457	1552.	39.	0.	759.7	27.2	1
1630	0	408	37.1971	89.1290	-855.5	QTC-1	7.07	2.48	1.36	0.351	1.829	5.214	1556.	35.	0.	761.2	27.2	1
1631	0	404	37.1971	89.1297	-853.2	QTC-1	6.74	4.28	0.79	0.634	5.439	8.574	1452.	44.	0.	760.7	27.2	1
1632	0	408	37.1971	89.1303	-852.2	QTC-1	9.41	2.65	1.25	0.282	2.132	7.557	1584.	50.	0.	759.7	27.2	1
1633	0	408	37.1971	89.1310	-852.0	QTC-1	6.49	2.05	1.24	0.316	1.660	5.246	1543.	33.	5.	759.7	27.2	1
1634	0	404	37.1972	89.1317	-851.7	QTC-1	7.55	2.34	1.12	0.309	2.085	6.742	1501.	32.	2.	759.7	27.3	1
1635	0	420	37.1972	89.1323	-851.7	QTC-1	5.41	1.94	1.06	0.359	1.824	5.088	1450.	44.	5.	759.7	27.3	1
1636	0	472	37.1972	89.1329	-849.0	QTC-1	7.49	2.39	1.08	0.318	2.201	6.917	1663.	28.	0.	761.8	27.2	1
1637	0	468	37.1972	89.1337	-847.5	QTC-1	9.78	2.82	1.29	0.288	2.181	7.564	1634.	45.	0.	761.8	27.3	1
1638	0	460	37.1972	89.1343	-848.0	QTC-1	7.86	1.71	1.42	0.218	1.207	5.549	1594.	37.	4.	760.2	27.2	1
1639	0	468	37.1972	89.1350	-845.2	QAL	8.56	3.28	1.13	0.383	2.892	7.545	1552.	39.	0.	759.2	27.2	1
1640	10	480	37.1973	89.1357	-843.7	QAL	7.36	1.61	1.25	0.0	0.0	5.870	1599.	52.	4.	759.2	27.2	1
1641	0	488	37.1973	89.1364	-843.2	QAL	5.31	3.44	1.25	0.648	2.747	4.241	1627.	32.	4.	760.2	27.2	1
1642	0	492	37.1973	89.1371	-843.7	QTC-1	4.87	3.71	1.30	0.762	2.846	3.734	1565.	45.	2.	761.2	27.2	1
1643	10	500	37.1973	89.1377	-842.2	QTC-1	6.26	1.39	1.37	0.0	0.0	4.560	1541.	34.	8.	761.2	27.2	1

CP9 IP12
CP9 IP12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1644	0	500	37.1973	89.1384	-841.7	QTC-1	7.26	2.78	0.97	0.383	2.854	7.452	1575.	52.	7.	759.7	27.2	1
1645	10	492	37.1974	89.1391	-840.7	QTC-1	6.69	1.25	1.38	0.0	0.0	4.849	1560.	29.	9.	758.7	27.2	1
1646	10	476	37.1974	89.1397	-840.5	QTC-1	7.00	0.94	1.17	0.0	0.0	5.984	1538.	33.	12.	759.7	27.2	1
1647	0	452	37.1974	89.1404	-839.2	QTC-1	4.56	3.14	1.13	0.687	2.787	4.053	1563.	26.	7.	761.2	27.2	1
1648	0	428	37.1974	89.1411	-838.2	QTC-1	7.67	2.41	1.13	0.315	2.142	6.805	1596.	41.	8.	762.8	27.2	1
1649	0	416	37.1974	89.1417	-837.5	QTC-1	7.32	3.60	1.28	0.492	2.805	5.704	1643.	45.	7.	761.8	27.2	1
1650	0	416	37.1974	89.1423	-836.5	QTC-1	9.02	2.71	1.07	0.300	2.528	8.417	1637.	41.	7.	759.7	27.3	1
1651	0	392	37.1975	89.1431	-835.5	QTC-1	7.58	1.99	1.26	0.262	1.582	6.029	1667.	40.	8.	759.7	27.3	1
1652	0	388	37.1975	89.1437	-835.0	QTC-1	7.65	2.93	1.11	0.384	2.654	6.917	1530.	31.	4.	760.7	27.4	1
1653	0	388	37.1975	89.1444	-833.0	QTC-1	6.68	2.99	1.10	0.447	2.713	6.063	1617.	38.	6.	761.2	27.4	1
1654	0	396	37.1976	89.1451	-831.7	QTC-1	7.11	2.00	1.45	0.281	1.377	4.905	1644.	34.	2.	762.3	27.4	1
1655	0	416	37.1976	89.1457	-831.7	QTC-1	6.60	2.68	1.06	0.406	2.525	6.219	1620.	46.	6.	763.3	27.4	1
1656	0	404	37.1976	89.1464	-831.5	QTC-1	8.06	1.54	1.22	0.191	1.267	6.618	1565.	42.	5.	762.3	27.4	1
1657	0	392	37.1976	89.1471	-830.7	QTC-1	6.66	2.33	1.21	0.350	1.927	5.512	1508.	26.	3.	760.2	27.4	1
1658	0	452	37.1976	89.1478	-828.5	QTC-1	6.18	3.74	1.15	0.605	3.253	5.376	1666.	37.	4.	759.2	27.4	1
1659	0	440	37.1977	89.1485	-827.7	QTC-1	8.91	2.49	1.27	0.279	1.958	7.007	1623.	45.	2.	760.7	27.4	1
1660	0	400	37.1977	89.1491	-827.2	QTC-1	7.79	2.82	1.21	0.361	2.335	6.462	1491.	38.	1.	761.8	27.3	1
1661	0	428	37.1977	89.1498	-827.0	QTC-1	7.92	2.84	1.49	0.359	1.907	5.306	1597.	40.	2.	760.7	27.3	1
1662	0	444	37.1977	89.1505	-825.5	QTC-1	7.43	2.88	1.22	0.388	2.353	6.064	1640.	40.	3.	760.7	27.3	1
1663	0	456	37.1977	89.1511	-825.7	QTC-1	8.25	1.62	1.36	0.196	1.190	6.067	1664.	40.	1.	759.7	27.3	1
1664	0	412	37.1977	89.1517	-826.2	QTC-1	6.57	2.66	1.20	0.404	2.219	5.487	1547.	33.	1.	759.7	27.3	1
1665	0	420	37.1978	89.1525	-825.2	QTC-1	8.23	3.63	1.13	0.441	3.222	7.303	1637.	31.	0.	759.7	27.3	1
1666	0	412	37.1978	89.1531	-823.2	QTC-1	6.09	3.91	1.42	0.642	2.746	4.278	1641.	32.	0.	760.7	27.2	1
1667	0	408	37.1978	89.1538	-823.0	QTC-1	5.09	2.62	1.37	0.515	1.918	3.725	1655.	43.	1.	761.8	27.2	1
1668	0	404	37.1978	89.1545	-823.0	QTC-1	8.99	1.85	1.07	0.215	1.802	8.386	1665.	46.	1.	760.7	27.2	1
1669	0	400	37.1978	89.1551	-821.0	QTC-1	7.34	3.30	1.16	0.450	2.859	6.352	1597.	36.	2.	758.7	27.3	1
1670	0	400	37.1978	89.1558	-820.7	QTC-1	7.87	3.02	1.05	0.384	2.881	7.498	1651.	40.	2.	758.7	27.2	1
1671	0	396	37.1979	89.1565	-820.7	QTC-1	5.46	3.11	1.22	0.570	2.562	4.495	1578.	35.	2.	759.7	27.3	1
1672	0	380	37.1979	89.1572	-818.7	QTC-1	4.90	2.38	1.04	0.487	2.288	4.697	1436.	43.	6.	760.7	27.5	1
1673	10	372	37.1979	89.1578	-817.7	QTC-1	5.17	1.06	1.34	0.0	0.0	3.857	1297.	44.	6.	760.7	27.5	1
1674	10	424	37.1979	89.1586	-817.2	QTC-1	6.29	1.28	1.32	0.0	0.0	4.767	1480.	32.	6.	759.7	27.4	1
1675	0	432	37.1979	89.1593	-817.7	QTC-1	6.22	3.31	1.29	0.532	2.559	4.809	1542.	46.	6.	758.7	27.4	1
1676	10	448	37.1979	89.1600	-817.5	QTC-1	8.81	0.36	1.24	0.0	0.0	7.113	1556.	39.	6.	759.7	27.4	1
1677	10	464	37.1979	89.1607	-816.5	QTC-1	7.66	1.15	1.31	0.0	0.0	5.853	1603.	42.	8.	761.2	27.4	1
1678	0	452	37.1979	89.1615	-816.0	QTC-1	6.31	2.56	1.01	0.406	2.542	6.257	1626.	42.	5.	759.7	27.3	1
1679	10	440	37.1979	89.1622	-815.0	QTC-1	8.64	1.05	1.15	0.0	0.0	7.543	1596.	39.	6.	758.7	27.2	1
1680	0	440	37.1979	89.1629	-813.2	QTC-1	7.03	1.66	1.50	0.236	1.109	4.690	1624.	50.	6.	759.7	27.2	1
1681	10	428	37.1979	89.1637	-813.0	QTC-1	8.25	0.95	1.51	0.0	0.0	5.448	1720.	32.	8.	760.7	27.3	1
1682	0	416	37.1979	89.1644	-812.0	QTC-1	5.26	2.20	1.28	0.419	1.718	4.101	1685.	31.	7.	760.7	27.3	1
1683	10	412	37.1978	89.1651	-811.0	QTC-1	11.51	0.93	1.15	0.0	0.0	9.971	1669.	31.	6.	758.7	27.4	1
1684	0	420	37.1978	89.1658	-810.2	QTC-1	7.95	1.76	1.04	0.221	1.686	7.616	1597.	41.	7.	758.7	27.5	1
1685	0	436	37.1978	89.1665	-809.5	QTC-1	6.92	1.90	1.27	0.275	1.496	5.440	1543.	45.	7.	759.7	27.5	1
1686	10	412	37.1978	89.1673	-808.7	QTC-1	7.92	0.30	1.15	0.0	0.0	6.878	1502.	38.	11.	760.7	27.5	1
1687	0	420	37.1978.	89.1680	-809.2	QTC-1	5.11	2.23	1.14	0.436	1.953	4.476	1425.	49.	8.	759.2	27.5	1
1688	0	436	37.1978	89.1688	-809.0	QTC-1	6.78	1.89	1.20	0.279	1.582	5.674	1474.	48.	5.	758.1	27.6	1
1689	0	452	37.1978	89.1695	-807.2	QTC-1	9.16	1.83	1.08	0.200	1.701	8.507	1560.	42.	8.	760.2	27.6	1
1690	10	468	37.1978	89.1702	-807.2	QTC-1	9.29	0.69	1.43	0.0	0.0	6.507	1643.	40.	10.	760.7	27.6	1
1691	0	468	37.1978	89.1709	-806.5	QTC-1	8.11	3.16	0.89	0.390	3.550	9.111	1658.	37.	10.	758.7	27.6	1
1692	0	484	37.1978	89.1716	-804.7	QTC-1	7.29	2.03	1.18	0.279	1.727	6.200	1612.	49.	11.	758.7	27.5	1
1693	0	488	37.1977	89.1723	-804.2	QTC-1	8.47	2.26	0.92	0.266	2.447	9.192	1623.	49.	10.	760.7	27.4	1
1694	0	476	37.1977	89.1730	-803.5	KU	6.51	2.86	1.07	0.439	2.676	6.098	1596.	46.	8.	760.2	27.3	1
1695	0	464	37.1977	89.1738	-802.5	KU	6.34	2.18	1.10	0.345	1.978	5.740	1564.	40.	6.	758.1	27.3	1
1696	0	456	37.1977	89.1746	-800.7	KU	8.50	2.34	1.24	0.275	1.877	6.828	1535.	33.	6.	759.2	27.3	1

CP9 IP 12

FLIGHT LINE 10 DAY 181 REDUCED DATA TEX-KENT 1979 PADUCAH

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1697	0	444	37.1977	89.1753	-800.0	KU	6.59	3.63	1.03	0.550	3.535	6.424	1531.	52.	4.	760.2	27.3	1
1698	0	460	37.1977	89.1760	-800.0	KU	5.78	2.99	1.11	0.517	2.704	5.228	1409.	46.	4.	759.2	27.2	1
1699	0	496	37.1977	89.1767	-798.2	KU	6.86	3.32	1.37	0.484	2.420	5.002	1658.	37.	5.	758.7	27.3	1
1700	0	508	37.1977	89.1774	-799.0	KU	6.96	4.16	1.10	0.598	3.787	6.336	1679.	40.	3.	759.7	27.2	1
1701	0	512	37.1977	89.1782	-797.5	QAL	10.47	2.28	1.43	0.218	1.598	7.329	1676.	33.	3.	759.7	27.3	1
1702	0	512	37.1977	89.1789	-796.0	QAL	7.42	2.98	1.01	0.402	2.952	7.339	1588.	34.	3.	758.7	27.3	1
1703	0	512	37.1977	89.1797	-794.5	QAL	7.19	3.47	1.26	0.483	2.751	5.693	1606.	32.	4.	759.7	27.3	1
1704	10	516	37.1977	89.1804	-794.7	QAL	6.74	1.26	1.38	0.0	0.0	4.899	1621.	32.	9.	760.7	27.3	1
1705	0	516	37.1977	89.1811	-793.2	QAL	4.36	3.29	1.29	0.755	2.545	3.370	1538.	37.	7.	759.7	27.3	1
1706	0	516	37.1977	89.1818	-792.7	QAL	7.19	2.08	1.50	0.289	1.388	4.802	1591.	47.	7.	759.7	27.3	1
1707	10	516	37.1977	89.1826	-791.0	QAL	5.76	0.77	1.46	0.0	0.0	3.937	1582.	32.	13.	761.8	27.3	1
1708	10	516	37.1977	89.1833	-789.7	QAL	5.40	0.70	1.59	0.0	0.0	3.400	1530.	43.	14.	759.7	27.3	1
1709	10	520	37.1977	89.1840	-789.7	QAL	6.22	1.56	1.82	0.0	0.0	3.417	1508.	43.	10.	759.2	27.3	1
1710	0	516	37.1977	89.1847	-788.7	QAL	8.14	2.98	1.46	0.366	2.046	5.584	1523.	38.	8.	761.2	27.3	1
1711	0	516	37.1977	89.1855	-786.7	QAL	5.77	2.90	1.51	0.503	1.926	3.832	1510.	45.	8.	759.7	27.3	1
1712	10	512	37.1976	89.1862	-786.5	QAL	7.34	0.48	1.15	0.0	0.0	6.400	1410.	36.	6.	759.7	27.3	1
1713	0	512	37.1976	89.1869	-786.0	QAL	5.09	3.19	1.28	0.627	2.499	3.987	1526.	45.	1.	761.8	27.3	1
1714	0	516	37.1976	89.1877	-785.0	QAL	8.94	3.39	1.35	0.380	2.518	6.628	1604.	36.	0.	759.7	27.3	1
1715	0	520	37.1976	89.1884	-783.5	QAL	6.11	3.10	1.04	0.508	2.994	5.894	1450.	47.	0.	760.7	27.3	1
1716	0	516	37.1976	89.1891	-782.2	QAL	5.99	3.16	1.28	0.528	2.473	4.685	1517.	46.	0.	762.3	27.3	1
1717	0	516	37.1976	89.1898	-781.7	QAL	7.56	3.03	1.40	0.401	2.170	5.415	1631.	36.	0.	759.2	27.3	1
1718	0	520	37.1976	89.1906	-781.2	QAL	5.84	4.09	1.38	0.700	2.965	4.234	1572.	50.	0.	759.7	27.3	1
1719	10	520	37.1976	89.1913	-780.0	QAL	6.93	1.37	1.42	0.0	0.0	4.868	1560.	33.	0.	760.7	27.4	1
1720	0	520	37.1976	89.1920	-777.5	QAL	8.09	2.36	1.48	0.292	1.596	5.469	1503.	47.	0.	759.7	27.4	1
1721	0	520	37.1975	89.1927	-778.0	KU	7.30	3.23	1.14	0.443	2.831	6.395	1563.	38.	0.	760.2	27.4	1
1722	0	512	37.1975	89.1934	-776.2	KU	8.67	2.09	1.30	0.242	1.615	6.681	1582.	37.	0.	759.7	27.3	1
1723	0	512	37.1975	89.1942	-774.5	KU	6.89	4.53	1.15	0.657	3.943	5.999	1623.	35.	0.	759.2	27.4	1
1724	0	524	37.1975	89.1949	-774.0	QAL	5.40	5.66	1.14	1.048	4.949	4.721	1571.	35.	0.	760.2	27.4	1
1725	0	532	37.1975	89.1956	-772.5	QAL	8.79	2.15	1.29	0.245	1.674	6.833	1525.	44.	0.	758.7	27.5	1
1726	0	540	37.1975	89.1964	-770.2	QAL	7.14	4.92	1.27	0.689	3.889	5.643	1625.	31.	0.	759.2	27.5	1
1727	0	544	37.1975	89.1971	-770.0	QAL	6.89	2.69	1.25	0.390	2.152	5.511	1542.	56.	0.	760.2	27.5	1
1728	0	540	37.1975	89.1978	-769.7	QAL	7.40	2.12	1.27	0.286	1.665	5.814	1561.	44.	0.	759.7	27.5	1
1729	0	536	37.1975	89.1985	-769.2	QAL	7.41	1.88	1.41	0.254	1.335	5.263	1586.	52.	1.	760.2	27.5	1
1730	0	532	37.1975	89.1993	-768.2	QAL	6.71	4.74	1.26	0.707	3.762	5.323	1618.	33.	2.	759.7	27.5	1
1731	0	532	37.1975	89.2000	-767.2	QAL	4.34	2.79	1.21	0.641	2.303	3.591	1437.	43.	11.	758.1	27.5	1
1732	0	532	37.1975	89.2007	-765.7	KU	8.09	3.66	1.10	0.452	3.322	7.351	1648.	44.	7.	759.7	27.6	1
1733	10	536	37.1975	89.2015	-763.2	KU	8.68	1.13	0.95	0.0	0.0	9.094	1568.	39.	10.	759.7	27.6	1
1734	10	536	37.1975	89.2022	-762.7	KU	5.91	1.34	1.45	0.0	0.0	4.079	1607.	33.	11.	759.2	27.6	1
1735	10	536	37.1975	89.2030	-760.5	KU	10.23	0.75	0.97	0.0	0.0	10.563	1541.	36.	12.	759.7	27.7	1
1736	0	536	37.1974	89.2037	-760.2	QAL	7.48	3.73	0.99	0.499	3.790	7.599	1534.	35.	13.	759.7	27.6	1
1737	10	532	37.1974	89.2044	-760.2	QAL	8.45	0.51	1.25	0.0	0.0	6.748	1601.	44.	13.	759.7	27.6	1
1738	10	528	37.1974	89.2051	-759.0	QAL	8.79	0.59	1.49	0.0	0.0	5.902	1467.	41.	11.	759.7	27.6	1
1739	0	524	37.1974	89.2058	-758.2	KU	8.97	3.65	0.98	0.407	3.736	9.174	1631.	38.	10.	760.2	27.6	1
1740	10	516	37.1974	89.2066	-757.5	KU	7.77	1.84	1.08	0.0	0.0	7.201	1513.	45.	8.	759.7	27.6	1
1741	0	508	37.1974	89.2073	-755.7	KU	5.88	2.19	1.32	0.372	1.657	4.450	1655.	34.	13.	760.2	27.6	1
1742	0	492	37.1974	89.2080	-753.5	QAL	8.51	1.82	1.16	0.214	1.573	7.365	1619.	30.	9.	760.7	27.6	1
1743	0	472	37.1974	89.2087	-752.2	QAL	8.88	2.68	1.02	0.302	2.623	8.698	1508.	43.	2.	760.7	27.6	1
1744	0	480	37.1974	89.2095	-750.7	QAL	7.78	3.27	1.08	0.421	3.037	7.217	1490.	44.	2.	760.7	27.6	1
1745	0	488	37.1974	89.2102	-749.7	QAL	6.92	2.14	1.13	0.309	1.899	6.140	1459.	49.	3.	761.2	27.6	1
1746	0	492	37.1974	89.2109	-747.7	QAL	6.99	3.83	1.27	0.547	3.020	5.516	1544.	36.	0.	760.7	27.7	1
1747	0	492	37.1974	89.2116	-745.7	QAL	5.63	3.87	1.17	0.687	3.314	4.823	1509.	48.	0.	761.2	27.7	1
1748	0	492	37.1974	89.2124	-745.7	QAL	7.58	3.85	0.92	0.508	4.170	8.206	1580.	27.	0.	760.7	27.7	1
1749	0	488	37.1974	89.2131	-744.0	QAL	8.15	3.48	1.38	0.427	2.527	5.924	1489.	44.	0.	760.7	27.7	1

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*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1750	10	484	37.1973	89.2138	-742.0	QAL	6.28	-0.11	1.51	0.0	0.0	4.149	1415.	52.	5.	760.7	27.7	1
1751	0	480	37.1973	89.2145	-741.7	QAL	5.33	2.66	0.94	0.498	2.828	5.675	1405.	35.	7.	761.2	27.8	1
1752	10	480	37.1973	89.2152	-740.5	QAL	7.37	1.68	1.09	0.0	0.0	6.783	1478.	47.	7.	760.7	27.9	1
1753	0	476	37.1973	89.2160	-738.0	QAL	7.29	1.93	1.44	0.264	1.335	5.056	1554.	43.	8.	761.2	28.0	1
1754	0	476	37.1973	89.2167	-736.2	QAL	8.98	2.57	1.33	0.286	1.930	6.742	1625.	26.	7.	760.7	28.0	1
1755	10	472	37.1973	89.2175	-735.2	QAL	5.43	0.36	1.44	0.0	0.0	3.769	1532.	51.	14.	760.2	28.0	1
1756	10	476	37.1973	89.2182	-734.5	QAL	8.80	1.56	0.89	0.0	0.0	9.844	1570.	50.	14.	760.2	28.1	1
1757	0	476	37.1973	89.2189	-732.5	QAL	6.49	2.52	1.44	0.388	1.748	4.511	1530.	36.	10.	761.2	28.2	1
1758	0	476	37.1973	89.2196	-730.7	QAL	7.99	2.56	1.23	0.320	2.077	6.484	1683.	39.	10.	761.8	28.1	1
1759	0	476	37.1972	89.2204	-729.5	QAL	6.68	5.45	1.39	0.816	3.917	4.799	1704.	40.	10.	760.7	28.1	1
1760	10	476	37.1972	89.2211	-727.5	QAL	8.70	0.49	1.23	0.0	0.0	7.072	1645.	39.	11.	760.2	28.0	1
1761	10	472	37.1972	89.2218	-726.5	QAL	7.87	0.11	1.46	0.0	0.0	5.386	1633.	45.	13.	760.7	28.0	1
1762	0	464	37.1972	89.2225	-724.0	QAL	7.16	2.42	1.33	0.338	1.818	5.379	1759.	30.	10.	760.7	27.9	1
1763	0	456	37.1972	89.2233	-721.2	QAL	7.09	2.51	1.05	0.354	2.387	6.750	1568.	43.	9.	761.2	27.9	1
1764	0	448	37.1972	89.2240	-719.7	QAL	5.33	2.78	1.13	0.522	2.458	4.713	1558.	47.	7.	762.3	27.9	1
1765	0	440	37.1972	89.2247	-719.5	QAL	6.90	2.03	1.49	0.294	1.364	4.638	1553.	38.	7.	762.3	28.0	1
1766	10	428	37.1972	89.2255	-718.7	QAL	6.31	0.50	1.54	0.0	0.0	4.105	1479.	32.	7.	761.8	28.0	1
1767	0	424	37.1972	89.2262	-716.5	QAL	7.01	2.08	1.10	0.296	1.879	6.349	1509.	38.	6.	761.8	28.0	1
1768	0	424	37.1972	89.2269	-714.5	QAL	6.34	2.01	1.19	0.318	1.687	5.310	1478.	34.	7.	762.8	28.0	1
1769	10	416	37.1972	89.2276	-714.0	QAL	6.84	0.26	1.22	0.0	0.0	5.608	1371.	50.	8.	762.8	28.1	1
1770	0	412	37.1972	89.2284	-711.0	QAL	4.63	2.18	1.24	0.470	1.759	3.741	1457.	40.	5.	762.3	28.1	1
1771	0	412	37.1972	89.2291	-708.7	QAL	6.77	2.80	1.09	0.414	2.583	6.238	1415.	29.	4.	762.8	28.1	1
1772	10	412	37.1972	89.2298	-707.2	QAL	7.67	1.42	0.90	0.0	0.0	8.488	1330.	51.	3.	762.8	28.1	1
1773	0	412	37.1972	89.2305	-706.5	QAL	6.05	2.28	1.18	0.377	1.928	5.115	1396.	41.	3.	761.8	28.1	1
1774	0	416	37.1972	89.2312	-705.5	QAL	8.21	1.75	1.06	0.214	1.653	7.741	1431.	56.	1.	762.8	28.1	1
1775	0	420	37.1972	89.2320	-704.7	QAL	6.23	2.00	1.25	0.320	1.593	4.975	1415.	34.	4.	762.8	28.1	1
1776	10	420	37.1972	89.2327	-703.2	QAL	8.04	0.93	1.04	0.0	0.0	7.735	1377.	41.	5.	762.8	28.1	1
1777	0	424	37.1972	89.2334	-701.7	QAL	3.35	2.61	1.11	0.778	2.346	3.017	1346.	22.	5.	762.8	28.1	1
1778	0	428	37.1971	89.2342	-700.5	QAL	3.80	1.96	1.23	0.514	1.594	3.099	1311.	39.	3.	761.8	28.1	1
1779	0	436	37.1971	89.2349	-699.2	QAL	6.07	1.58	1.14	0.260	1.382	5.321	1396.	33.	4.	761.8	28.1	1
1780	10	432	37.1971	89.2356	-697.5	QAL	6.43	0.93	1.12	0.0	0.0	5.765	1367.	30.	5.	761.2	28.1	1
1781	10	392	37.1971	89.2363	-696.2	QAL	4.11	1.17	1.13	0.0	0.0	3.638	1309.	39.	8.	760.2	28.1	1
1782	0	416	37.1971	89.2371	-696.5	QAL	4.20	1.77	1.19	0.420	1.487	3.539	1202.	40.	5.	761.2	28.1	1
1783	10	404	37.1971	89.2378	-693.7	QAL	6.41	0.32	0.86	0.0	0.0	7.452	1143.	49.	7.	761.2	28.2	1
1784	10	412	37.1971	89.2385	-692.2	QAL	5.09	0.82	0.91	0.0	0.0	5.562	1198.	42.	7.	760.2	28.1	1
1785	0	436	37.1971	89.2393	-692.5	QAL	4.40	2.07	0.93	0.471	2.220	4.709	1274.	38.	10.	760.2	28.2	1
1786	10	472	37.1971	89.2400	-689.2	QAL	7.01	1.28	1.21	0.0	0.0	5.802	1360.	36.	9.	760.7	28.2	1
1787	0	468	37.1971	89.2408	-687.2	QAL	6.70	1.69	1.30	0.252	1.298	5.147	1364.	41.	6.	760.7	28.2	1
1788	10	460	37.1970	89.2415	-687.0	QAL	4.47	1.22	0.87	0.0	0.0	5.127	1229.	50.	10.	760.7	28.2	1
1789	10	460	37.1970	89.2422	-685.7	QAL	5.47	0.85	1.13	0.0	0.0	4.824	1258.	47.	9.	760.7	28.1	1
1790	0	464	37.1970	89.2429	-684.2	QAL	5.04	1.68	1.14	0.332	1.476	4.444	1255.	35.	4.	761.8	28.0	1
1791	0	460	37.1970	89.2436	-683.0	QAL	4.41	1.70	1.19	0.385	1.431	3.713	1223.	48.	4.	761.8	28.0	1
1792	10	464	37.1970	89.2443	-681.7	QAL	5.61	0.76	1.23	0.0	0.0	4.563	1296.	52.	3.	761.2	27.9	1
1793	0	460	37.1970	89.2451	-680.7	QAL	4.32	2.57	1.14	0.593	2.251	3.793	1315.	47.	6.	761.2	27.9	1
1794	0	456	37.1970	89.2458	-680.5	QAL	3.48	1.39	1.22	0.399	1.138	2.853	1345.	41.	6.	761.2	27.9	1
1795	0	456	37.1970	89.2466	-678.5	QAL	4.09	4.31	1.21	1.055	3.559	3.375	1368.	40.	1.	760.7	27.9	1
1796	0	428	37.1970	89.2473	-676.5	QAL	4.30	2.01	1.07	0.466	1.871	4.013	1312.	33.	2.	760.7	27.9	1
1797	0	432	37.1970	89.2480	-675.7	QAL	5.90	2.07	1.19	0.350	1.742	4.976	1356.	35.	8.	761.2	27.9	1
1798	10	452	37.1970	89.2487	-675.0	QAL	7.17	-0.15	1.33	0.0	0.0	5.381	1427.	39.	6.	761.2	27.9	1
1799	0	448	37.1970	89.2494	-673.5	QAL	5.04	1.90	1.24	0.377	1.532	4.066	1430.	34.	7.	761.2	28.0	1
1800	10	452	37.1970	89.2502	-672.5	QAL	6.49	0.48	1.45	0.0	0.0	4.469	1290.	39.	6.	762.3	28.0	1
1801	10	412	37.1969	89.2509	-671.2	QAL	3.80	0.59	1.04	0.0	0.0	3.653	1180.	37.	7.	761.8	28.0	1
1802	0	400	37.1969	89.2516	-671.0	QAL	5.02	1.55	1.02	0.310	1.524	4.918	1097.	37.	5.	760.7	28.0	1

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* TAGS			* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1803	0	408	37.1969	89.2523	-669.5	QAL	3.59	3.28	0.77	0.914	4.279	4.681	1032.	49.	1.	761.8	28.0	1
1804	10	420	37.1969	89.2531	-667.5	QAL	4.50	1.05	0.75	0.0	0.0	5.962	1065.	43.	8.	762.3	28.0	1
1805	0	428	37.1969	89.2538	-667.7	QAL	3.58	1.48	1.02	0.413	1.456	3.524	1151.	35.	6.	761.8	28.0	1
1806	0	428	37.1969	89.2545	-667.7	QAL	5.40	2.46	0.68	0.455	3.599	7.918	1215.	35.	4.	761.8	27.9	1
1807	10	428	37.1969	89.2553	-666.7	QAL	4.72	0.96	1.19	0.0	0.0	3.960	1290.	31.	5.	762.3	27.9	1
1808	10	428	37.1969	89.2560	-665.2	QAL	5.48	1.36	1.06	0.0	0.0	5.161	1260.	57.	3.	761.8	27.9	1
1809	0	460	37.1969	89.2567	-664.2	QAL	6.01	2.79	0.92	0.465	3.037	6.530	1377.	45.	2.	762.3	27.9	1
1810	0	456	37.1969	89.2574	-662.5	QAL	7.01	1.91	0.92	0.272	2.080	7.639	1433.	36.	5.	762.8	27.8	1
1811	0	436	37.1969	89.2582	-661.0	QAL	4.85	1.76	1.16	0.363	1.525	4.196	1459.	35.	8.	762.3	27.8	1
1812	0	420	37.1969	89.2589	-660.2	QAL	3.84	2.32	0.91	0.605	2.536	4.194	1312.	51.	5.	762.8	27.7	1
1813	10	436	37.1969	89.2596	-659.0	QAL	6.83	0.85	1.49	0.0	0.0	4.587	1527.	32.	8.	762.8	27.7	1
1814	0	448	37.1969	89.2603	-657.5	QAL	6.44	3.53	1.22	0.547	2.893	5.288	1612.	39.	3.	762.8	27.7	1
1815	0	444	37.1969	89.2611	-656.2	QAL	9.48	2.01	1.08	0.212	1.865	8.812	1667.	29.	9.	763.3	27.7	1
1816	0	440	37.1968	89.2619	-654.7	QAL	8.59	1.58	1.23	0.183	1.282	6.990	1652.	57.	3.	762.8	27.6	1
1817	0	444	37.1968	89.2626	-654.0	QAL	7.60	3.06	0.91	0.403	3.374	8.377	1548.	44.	7.	762.8	27.8	1
1818	10	452	37.1968	89.2633	-653.0	QAL	9.31	1.27	1.06	0.0	0.0	8.743	1594.	41.	2.	763.3	27.8	1
1819	0	452	37.1968	89.2640	-652.2	QAL	8.62	3.05	1.22	0.354	2.489	7.038	1514.	37.	3.	762.3	27.8	1
1820	10	452	37.1968	89.2647	-650.7	QAL	8.65	1.42	0.86	0.0	0.0	10.115	1478.	39.	7.	762.8	27.8	1
1821	0	448	37.1968	89.2654	-649.5	QAL	8.12	1.90	0.95	0.234	1.998	8.534	1457.	34.	6.	763.3	27.8	1
1822	10	424	37.1968	89.2662	-650.2	QAL	7.80	0.83	1.09	0.0	0.0	7.138	1381.	44.	6.	762.8	27.8	1
1823	10	448	37.1968	89.2669	-649.2	QAL	8.35	1.39	1.42	0.0	0.0	5.896	1400.	38.	6.	762.8	27.9	1
1824	10	452	37.1968	89.2677	-648.0	QAL	5.83	0.19	1.55	0.0	0.0	3.761	1373.	38.	7.	762.3	27.9	1
1825	0	448	37.1968	89.2684	-646.7	QAL	5.09	2.42	1.05	0.475	2.301	4.848	1364.	38.	4.	761.8	27.9	1
1826	0	444	37.1967	89.2691	-646.0	QAL	4.66	1.54	1.15	0.331	1.346	4.070	1325.	34.	6.	763.3	28.0	1
1827	10	444	37.1967	89.2698	-645.0	QAL	5.09	0.85	1.21	0.0	0.0	4.214	1321.	37.	9.	762.8	28.0	1
1828	0	444	37.1967	89.2705	-644.2	QAL	5.34	2.08	1.18	0.390	1.760	4.515	1242.	48.	4.	761.8	28.0	1
1829	0	444	37.1967	89.2712	-644.7	QAL	4.69	3.20	.09	0.684	2.939	4.299	1359.	38.	4.	762.3	28.1	1
1830	0	444	37.1967	89.2720	-642.7	QAL	3.60	1.82	.29	0.505	1.404	2.782	1245.	50.	5.	762.8	28.1	1
1831	0	448	37.1967	89.2727	-642.7	QAL	4.76	1.91	1.15	0.401	1.665	4.152	1357.	33.	6.	761.2	28.2	1
1832	0	452	37.1967	89.2734	-641.5	QAL	4.14	2.76	1.26	0.668	2.192	3.283	1337.	38.	6.	761.2	28.1	1
1833	0	448	37.1967	89.2742	-640.7	QAL	6.02	1.50	1.32	0.250	1.135	4.546	1335.	47.	1.	762.3	28.1	1
1834	10	452	37.1967	89.2749	-640.5	QAL	4.36	1.19	1.11	0.0	0.0	3.930	1301.	33.	9.	762.3	28.0	1
1835	10	452	37.1967	89.2756	-639.7	QAL	6.00	1.28	1.21	0.0	0.0	4.938	1334.	52.	5.	761.8	28.0	1
1836	10	448	37.1967	89.2763	-638.7	QAL	5.82	1.43	1.35	0.0	0.0	4.311	1393.	41.	5.	762.3	28.0	1
1837	0	444	37.1967	89.2771	-638.7	QAL	6.86	2.49	1.22	0.363	2.038	5.617	1491.	34.	4.	762.8	28.0	1
1838	0	440	37.1967	89.2778	-638.5	QAL	6.09	2.47	1.32	0.406	1.874	4.618	1487.	43.	3.	762.8	28.1	1
1839	0	440	37.1967	89.2785	-636.5	QAL	8.13	1.66	1.28	0.204	1.299	6.352	1502.	45.	3.	762.8	28.1	1
1840	0	440	37.1967	89.2793	-635.5	QAL	6.35	2.27	1.27	0.358	1.785	4.987	1567.	50.	3.	763.3	28.0	1
1841	0	436	37.1967	89.2800	-635.0	QAL	7.14	2.06	1.26	0.288	1.635	5.681	1574.	27.	1.	762.8	27.9	1
1842	0	436	37.1967	89.2807	-634.7	QAL	8.14	2.37	1.28	0.291	1.848	6.346	1593.	50.	2.	762.3	27.9	1
1843	0	432	37.1966	89.2814	-634.7	QAL	8.89	3.59	1.14	0.403	3.135	7.770	1650.	35.	0.	763.3	27.9	1
1844	10	432	37.1966	89.2821	-634.0	QAL	8.64	0.51	1.23	0.0	0.0	7.029	1564.	42.	1.	762.3	27.8	1
1845	0	428	37.1966	89.2829	-634.0	QAL	6.74	2.45	1.37	0.364	1.797	4.932	1609.	39.	5.	762.8	27.9	1
1846	10	424	37.1966	89.2837	-633.2	QAL	6.33	1.33	1.48	0.0	0.0	4.273	1508.	43.	2.	763.8	27.8	1
1847	0	424	37.1966	89.2843	-634.0	QAL	8.70	2.48	1.30	0.285	1.900	6.669	1589.	38.	1.	762.3	27.8	1
1848	0	424	37.1966	89.2851	-632.2	QAL	7.53	3.26	1.33	0.433	2.460	5.680	1637.	37.	2.	762.8	27.8	1
1849	0	420	37.1966	89.2858	-631.2	QAL	6.27	3.25	1.32	0.519	2.458	4.738	1705.	48.	1.	763.8	27.8	1
1850	0	420	37.1965	89.2865	-632.0	QAL	6.93	2.19	1.50	0.317	1.464	4.626	1617.	42.	2.	763.3	27.9	1
1851	0	420	37.1965	89.2872	-632.5	QAL	5.81	3.77	1.31	0.648	2.864	4.421	1587.	37.	0.	763.8	27.9	1
1852	10	420	37.1965	89.2880	-631.0	QAL	7.04	0.95	1.75	0.0	0.0	4.014	1606.	35.	1.	762.8	27.8	1
1853	0	408	37.1965	89.2887	-629.2	QAL	7.97	2.07	1.31	0.259	1.576	6.081	1556.	41.	1.	761.8	27.9	1
1854	10	416	37.1965	89.2894	-631.0	QAL	6.47	1.39	1.60	0.0	0.0	4.047	1534.	38.	6.	763.8	27.9	1
1855	0	416	37.1965	89.2902	-631.0	QAL	6.70	3.52	1.28	0.526	2.748	5.229	1440.	57.	5.	763.3	28.0	1

CP9 LP12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1856	0	420	37.1965	89.2909	-629.7	QAL	6.50	2.88	1.00	0.444	2.888	6.510	1477.	35.	6.	762.3	28.1	1
1857	0	420	37.1965	89.2916	-628.7	QAL	5.03	2.45	1.40	0.487	1.755	3.605	1445.	50.	7.	764.3	28.1	1
1858	0	424	37.1965	89.2923	-629.7	QAL	6.58	3.09	1.18	0.470	2.617	5.568	1460.	41.	8.	763.8	28.0	1
1859	0	396	37.1965	89.2931	-629.7	QAL	3.89	2.16	1.07	0.555	2.018	3.636	1413.	35.	12.	761.8	27.9	1
1860	0	400	37.1965	89.2938	-629.2	QAL	5.72	1.60	1.20	0.279	1.325	4.750	1459.	34.	10.	762.8	27.9	1
1861	10	428	37.1965	89.2945	-628.7	QAL	7.97	0.99	1.32	0.0	0.0	6.022	1566.	38.	10.	763.3	28.0	1
1862	0	432	37.1965	89.2952	-628.5	QAL	7.34	2.08	1.18	0.283	1.758	6.217	1539.	38.	8.	762.3	27.9	1
1863	10	428	37.1965	89.2960	-628.2	QAL	6.36	1.23	1.28	0.0	0.0	4.958	1461.	32.	6.	763.3	27.9	1
1864	0	428	37.1964	89.2967	-628.7	QAL	3.94	1.89	1.29	0.479	1.458	3.042	1452.	43.	9.	763.3	27.8	1
1865	0	428	37.1964	89.2974	-628.5	QAL	5.83	2.47	1.19	0.424	2.082	4.905	1498.	46.	3.	762.3	27.8	1
1866	0	424	37.1964	89.2981	-628.7	QAL	7.37	1.65	1.20	0.224	1.370	6.126	1489.	34.	4.	762.8	27.8	1
1867	10	424	37.1964	89.2989	-629.0	QAL	8.99	1.40	1.41	0.0	0.0	6.360	1605.	36.	0.	763.8	27.8	1
1868	10	424	37.1964	89.2996	-627.0	QAL	7.68	0.28	1.31	0.0	0.0	5.872	1467.	33.	1.	762.8	27.8	1
1869	0	424	37.1964	89.3004	-626.7	QAL	6.78	1.91	1.45	0.281	1.314	4.670	1570.	38.	1.	762.8	27.8	1
1870	0	424	37.1964	89.3011	-627.5	QAL	8.69	2.45	1.31	0.282	1.871	6.633	1534.	42.	0.	763.8	27.8	1
1871	0	424	37.1964	89.3018	-625.7	QAL	6.58	2.82	1.70	0.428	1.655	3.862	1579.	35.	0.	763.8	27.8	1
1872	0	420	37.1964	89.3025	-625.0	QAL	4.74	2.59	1.19	0.546	2.184	4.001	1530.	41.	4.	762.8	27.8	1
1873	0	420	37.1964	89.3032	-625.7	QAL	6.94	2.18	1.15	0.314	1.889	6.023	1539.	44.	3.	762.8	28.0	1
1874	0	428	37.1964	89.3040	-625.7	QAL	6.80	1.91	1.56	0.281	1.227	4.367	1486.	48.	5.	763.8	28.0	1
1875	10	432	37.1964	89.3047	-626.0	QAL	7.88	1.28	1.32	0.0	0.0	5.954	1630.	22.	4.	763.8	28.0	1
1876	0	436	37.1964	89.3055	-627.2	QAL	6.01	1.75	1.35	0.291	1.300	4.463	1585.	41.	6.	761.8	28.0	1
1877	0	440	37.1964	89.3062	-626.7	QAL	5.43	1.96	1.29	0.360	1.513	4.203	1558.	34.	8.	761.8	28.0	1
1878	0	440	37.1963	89.3069	-625.7	QAL	7.64	2.80	1.36	0.367	2.054	5.602	1587.	28.	4.	762.8	28.0	1
1879	10	444	37.1963	89.3076	-625.0	QAL	8.18	1.25	1.72	0.0	0.0	4.747	1648.	39.	6.	763.8	28.0	1
1880	0	444	37.1963	89.3083	-625.5	QAL	7.40	2.27	1.40	0.307	1.624	5.287	1546.	43.	5.	762.8	28.1	1
1881	0	444	37.1963	89.3090	-627.5	QAL	4.44	3.98	1.27	0.894	3.125	3.494	1611.	40.	0.	760.7	28.1	1
1882	0	444	37.1963	89.3098	-626.7	QAL	6.55	4.21	1.21	0.643	3.470	5.397	1612.	41.	2.	762.8	28.1	1
1883	10	448	37.1963	89.3105	-626.0	QAL	8.47	1.19	1.45	0.0	0.0	5.827	1530.	48.	1.	763.8	27.9	1
1884	0	448	37.1963	89.3112	-626.5	QAL	7.86	2.53	1.39	0.322	1.819	5.642	1557.	43.	0.	762.8	27.7	1
1885	0	444	37.1963	89.3120	-626.0	QAL	6.81	2.00	1.43	0.294	1.394	4.744	1629.	43.	4.	761.8	27.8	1
1886	10	440	37.1963	89.3127	-625.7	QAL	9.16	1.17	1.33	0.0	0.0	6.907	1482.	45.	3.	762.3	28.0	1
1887	0	436	37.1963	89.3134	-627.0	QAL	8.47	2.17	1.09	0.257	2.000	7.797	1553.	51.	4.	763.3	27.9	1
1888	0	428	37.1963	89.3141	-626.0	QAL	6.41	2.52	1.34	0.393	1.875	4.773	1573.	40.	7.	763.8	27.9	1
1889	0	420	37.1963	89.3149	-625.2	QAL	7.23	2.30	1.18	0.319	1.954	6.128	1542.	32.	5.	763.3	27.9	1
1890	0	416	37.1962	89.3156	-626.7	QAL	6.63	2.14	1.32	0.323	1.614	5.002	1540.	38.	6.	761.8	27.9	1
1891	0	408	37.1962	89.3163	-625.2	QAL	7.23	1.70	1.26	0.235	1.354	5.752	1636.	41.	7.	762.8	27.9	1
1892	0	408	37.1962	89.3171	-626.5	QAL	7.49	2.36	1.26	0.316	1.879	5.952	1600.	36.	1.	764.3	27.9	1
1893	0	408	37.1962	89.3178	-627.7	QAL	4.23	4.01	1.37	0.949	2.916	3.074	1589.	38.	3.	763.8	27.9	1
1894	0	408	37.1962	89.3185	-627.0	QAL	6.50	1.79	1.51	0.275	1.182	4.296	1571.	39.	2.	761.8	27.9	1
1895	0	412	37.1962	89.3192	-626.7	QAL	5.61	2.93	1.18	0.522	2.483	4.753	1545.	45.	1.	761.8	27.9	1
1896	0	416	37.1962	89.3199	-627.2	QAL	6.95	2.23	1.52	0.321	1.467	4.575	1567.	37.	4.	762.8	27.9	1
1897	0	416	37.1962	89.3207	-627.0	QAL	7.94	3.24	1.21	0.409	2.673	6.538	1577.	44.	1.	763.8	27.9	1
1898	0	420	37.1962	89.3215	-626.0	QAL	6.20	2.53	1.08	0.409	2.352	5.755	1559.	41.	5.	762.8	27.9	1
1899	10	420	37.1962	89.3222	-626.0	QAL	7.69	1.28	1.37	0.0	0.0	5.600	1531.	42.	6.	761.8	27.9	1
1900	0	420	37.1962	89.3229	-626.0	QAL	6.86	3.04	1.16	0.444	2.631	5.927	1556.	38.	4.	762.8	27.9	1
1901	10	420	37.1962	89.3236	-627.2	QAL	6.89	1.43	1.47	0.0	0.0	4.685	1555.	42.	6.	763.8	27.9	1
1902	10	424	37.1961	89.3243	-626.5	QAL	7.05	1.05	1.60	0.0	0.0	4.412	1552.	39.	2.	762.8	27.9	1
1903	0	428	37.1961	89.3250	-624.5	QAL	7.73	2.39	1.58	0.309	1.514	4.904	1546.	33.	3.	761.8	27.9	1
1904	0	440	37.1961	89.3258	-627.0	QAL	5.02	2.16	1.49	0.429	1.446	3.369	1526.	42.	1.	761.8	28.0	1
1905	10	444	37.1961	89.3266	-627.2	QAL	8.62	1.43	1.44	0.0	0.0	5.987	1572.	40.	1.	763.8	27.9	1
1906	0	448	37.1961	89.3272	-627.0	QAL	5.24	3.69	1.23	0.704	3.009	4.277	1472.	52.	0.	762.8	27.9	1
1907	0	452	37.1961	89.3280	-626.5	QAL	8.37	1.69	1.12	0.202	1.508	7.460	1530.	42.	2.	760.7	27.8	1
1908	0	456	37.1961	89.3287	-626.2	QAL	6.94	2.35	1.63	0.339	1.439	4.248	1591.	37.	0.	760.7	27.7	1

FLIGHT LINE 10 DAY 181 REDUCED DATA TEX-KENT 1979 PADUCAH

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1909	0	460	37.1961	89.3294	-626.5	QAL	9.13	1.61	1.59	0.177	1.016	5.755	1588.	31.	0.	763.3	27.7	1
1910	0	460	37.1961	89.3302	-627.5	QAL	4.24	3.92	1.51	0.924	2.592	2.804	1598.	35.	2.	763.3	27.6	1
1911	0	460	37.1961	89.3309	-627.5	QAL	8.26	2.74	1.09	0.331	2.511	7.579	1476.	41.	0.	761.2	27.6	1
1912	0	456	37.1960	89.3316	-627.7	DU	7.14	4.29	0.86	0.600	4.990	8.310	1476.	36.	0.	761.2	27.6	1
1913	0	456	37.1960	89.3322	-626.7	DU	7.74	2.14	1.04	0.277	2.052	7.410	1434.	42.	1.	763.3	27.6	1
1914	0	452	37.1960	89.3329	-624.7	DU	7.85	3.67	0.96	0.467	3.815	8.169	1454.	46.	0.	763.3	27.5	1
1915	0	440	37.1960	89.3336	-623.7	DU	8.61	1.86	1.43	0.216	1.303	6.034	1559.	44.	0.	762.8	27.5	1
1916	0	400	37.1960	89.3343	-625.2	DU	5.69	2.26	1.23	0.397	1.842	4.641	1508.	40.	4.	761.8	27.5	1
1917	0	360	37.1960	89.3349	-626.0	DU	6.05	2.70	0.96	0.446	2.805	6.293	1496.	28.	0.	762.3	27.5	1
1918	0	408	37.1960	89.3357	-624.7	DU	6.69	2.19	1.25	0.328	1.753	5.343	1505.	35.	0.	763.3	27.5	1
1919	0	392	37.1960	89.3363	-625.2	DU	6.17	2.28	1.26	0.370	1.810	4.891	1551.	22.	3.	763.3	27.5	1
1920	0	344	37.1960	89.3370	-626.0	DU	5.00	1.92	1.09	0.383	1.753	4.577	1355.	43.	4.	761.8	27.5	1
1921	0	368	37.1960	89.3376	-624.5	DU	6.15	2.71	1.04	0.440	2.608	5.921	1463.	33.	1.	760.7	27.6	1
1922	10	388	37.1960	89.3383	-623.7	DU	6.91	0.45	1.15	0.0	0.0	6.012	1400.	38.	5.	761.2	27.6	1
1923	0	372	37.1960	89.3390	-624.0	DU	4.20	1.45	1.02	0.344	1.417	4.121	1313.	41.	5.	763.3	27.7	1
1924	0	320	37.1960	89.3397	-623.0	DU	3.87	1.83	0.88	0.473	2.087	4.410	1112.	45.	6.	763.3	27.6	1
1925	10	300	37.1960	89.3404	-622.7	DU	5.05	0.96	0.94	0.0	0.0	5.375	1123.	36.	9.	760.7	27.6	1
1926	10	300	37.1960	89.3411	-623.5	DU	4.32	0.40	1.07	0.0	0.0	4.036	1113.	40.	9.	760.2	27.4	1
1927	10	312	37.1960	89.3417	-621.7	DU	4.93	-0.09	0.83	0.0	0.0	5.909	1091.	41.	9.	761.2	27.4	1
1928	10	340	37.1960	89.3424	-619.7	DU	5.92	0.27	0.96	0.0	0.0	6.176	1104.	37.	9.	761.8	27.4	1
1929	0	324	37.1960	89.3431	-619.5	DU	4.85	1.65	0.83	0.340	1.978	5.823	1100.	39.	6.	761.8	27.5	1
1930	0	372	37.1960	89.3438	-619.2	DU	6.16	1.61	1.00	0.262	1.616	6.174	1220.	41.	7.	760.7	27.5	1
1931	0	392	37.1960	89.3445	-619.2	DU	3.27	3.15	0.97	0.965	3.265	3.384	1154.	52.	4.	760.2	27.4	1
1932	0	360	37.1960	89.3451	-618.5	DU	3.08	1.48	1.07	0.481	1.379	2.870	1135.	33.	3.	760.2	27.4	1
1933	10	388	37.1960	89.3458	-618.0	DU	5.44	1.00	0.94	0.0	0.0	5.764	1108.	39.	4.	760.7	27.3	1
1934	0	396	37.1960	89.3465	-617.5	DU	6.51	2.29	0.86	0.352	2.657	7.545	1218.	45.	1.	760.7	27.3	1
1935	0	344	37.1960	89.3472	-618.5	DU	4.27	1.76	0.86	0.412	2.040	4.949	1064.	39.	0.	759.7	27.3	1
1936	0	324	37.1960	89.3479	-617.2	DU	4.48	1.28	0.68	0.285	1.875	6.580	1021.	52.	0.	759.7	27.3	1
1937	0	348	37.1960	89.3486	-617.0	DU	4.04	2.19	0.96	0.542	2.279	4.207	1065.	35.	0.	759.7	27.3	1
1938	0	368	37.1960	89.3492	-616.5	DU	5.07	1.62	1.11	0.319	1.452	4.553	1127.	44.	0.	759.7	27.3	1
1939	10	392	37.1960	89.3499	-616.5	DU	4.12	1.04	1.16	0.0	0.0	3.566	1195.	44.	5.	760.7	27.4	1
1940	10	452	37.1960	89.3506	-616.2	DU	4.90	1.28	1.06	0.0	0.0	4.644	1251.	51.	6.	760.7	27.3	1
1941	0	492	37.1960	89.3513	-616.5	DU	5.68	3.51	1.04	0.618	3.364	5.446	1457.	51.	5.	758.7	27.4	1
1942	0	492	37.1960	89.3520	-615.7	DU	5.58	2.48	0.80	0.445	3.104	6.974	1274.	57.	7.	758.7	27.3	1
1943	10	484	37.1960	89.3527	-616.2	DU	5.59	1.30	0.94	0.0	0.0	5.956	1384.	42.	6.	758.7	27.4	1
1944	0	460	37.1960	89.3533	-616.7	DU	3.79	2.28	1.08	0.603	2.120	3.515	1308.	36.	7.	759.2	27.5	1
1945	0	412	37.1960	89.3540	-615.2	DU	4.13	2.42	1.02	0.586	2.361	4.031	1204.	47.	1.	760.2	27.5	1
1946	10	404	37.1960	89.3547	-615.5	DU	7.62	1.08	0.84	0.0	0.0	9.088	1238.	28.	3.	760.2	27.4	1
1947	10	384	37.1960	89.3553	-616.5	DU	4.35	0.93	1.02	0.0	0.0	4.280	1201.	47.	2.	758.7	27.4	1
1948	0	376	37.1960	89.3560	-617.0	DU	5.04	1.56	1.00	0.309	1.557	5.034	1152.	39.	0.	757.6	27.3	1
1949	0	396	37.1960	89.3567	-617.2	DU	4.42	2.30	1.08	0.520	2.119	4.074	1239.	38.	2.	757.6	27.4	1
1950	0	428	37.1960	89.3574	-617.7	DU	5.27	2.47	0.88	0.469	2.803	5.980	1341.	33.	3.	758.7	27.4	1
1951	0	404	37.1960	89.3580	-617.2	DU	4.97	1.48	0.90	0.297	1.640	5.517	1263.	37.	7.	759.7	27.4	1
1952	0	412	37.1959	89.3587	-617.2	DU	5.32	2.72	0.98	0.511	2.776	5.431	1269.	34.	4.	758.7	27.3	1
1953	10	408	37.1959	89.3594	-619.0	DU	4.77	-0.09	1.01	0.0	0.0	4.743	1186.	47.	8.	758.7	27.3	1
1954	10	412	37.1959	89.3601	-619.2	DU	4.50	1.04	0.89	0.0	0.0	5.077	1263.	41.	8.	757.6	27.3	1
1955	0	396	37.1959	89.3608	-619.5	DU	3.26	1.53	1.11	0.470	1.383	2.941	1160.	50.	11.	756.6	27.4	1
1956	10	388	37.1959	89.3615	-618.7	DU	3.98	1.16	1.08	0.0	0.0	3.679	1175.	45.	10.	758.7	27.3	1
1957	10	384	37.1959	89.3621	-620.5	DU	4.09	0.32	0.89	0.0	0.0	4.601	1154.	38.	10.	758.7	27.3	1
1958	0	396	37.1959	89.3628	-622.0	DU	5.14	1.46	0.93	0.284	1.567	5.524	1141.	36.	7.	758.7	27.3	1
1959	0	416	37.1959	89.3635	-623.5	DU	3.88	2.11	0.76	0.543	2.766	5.095	1106.	41.	2.	758.7	27.3	1
1960	0	444	37.1959	89.3642	-624.5	DU	5.24	1.87	0.91	0.357	2.066	5.785	1239.	41.	2.	757.6	27.3	1
1961	0	472	37.1959	89.3649	-624.2	DU	5.53	3.40	0.80	0.615	4.247	6.909	1204.	50.	0.	756.6	27.3	1

CP9 IP 12

* TAGS *			* LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1962	0	468	37.1959	89.3656	-626.7		DU	4.64	2.46	1.00	0.531	2.472	4.653	1247.	43.	0.	757.6	27.2	1
1963	0	464	37.1959	89.3662	-628.2		DU	4.35	2.57	0.70	0.590	3.691	6.260	1176.	35.	0.	757.6	27.3	1
1964	0	484	37.1959	89.3669	-629.0		DU	4.56	3.40	0.69	0.746	4.901	6.567	1293.	31.	0.	758.7	27.3	1
1965	0	512	37.1959	89.3676	-630.2		DU	6.97	4.22	0.83	0.605	5.065	8.365	1281.	43.	0.	758.7	27.3	1
1966	0	548	37.1959	89.3682	-632.0		QAL	5.39	5.72	0.84	1.061	6.802	6.409	1355.	43.	1.	757.6	27.2	1
1967	0	516	37.1959	89.3690	-633.0		QAL	5.80	1.97	0.88	0.339	2.229	6.575	1320.	39.	5.	757.6	27.2	1
1968	10	484	37.1959	89.3696	-633.5		QAL	6.11	1.34	1.07	0.0	0.0	5.720	1158.	40.	7.	757.6	27.2	1
1969	0	508	37.1959	89.3703	-635.2		QAL	6.22	2.72	0.90	0.438	3.020	6.902	1345.	26.	8.	755.5	27.2	1
1970	0	536	37.1959	89.3710	-636.5		QAL	5.59	2.13	0.88	0.380	2.415	6.348	1367.	28.	7.	755.5	27.2	1
1971	0	580	37.1959	89.3717	-638.2		QAL	5.26	3.73	0.87	0.709	4.282	6.036	1298.	45.	5.	756.6	27.2	1
1972	0	576	37.1959	89.3723	-639.5		QAL	4.92	2.33	1.12	0.475	2.088	4.399	1489.	39.	12.	757.6	27.1	1
1973	0	536	37.1959	89.3730	-639.5		DU	4.75	2.07	0.89	0.436	2.326	5.329	1219.	41.	9.	757.6	27.2	1
1974	10	524	37.1959	89.3737	-642.0		DU	5.29	1.02	1.15	0.0	0.0	4.611	1270.	42.	8.	758.7	27.1	1
1975	0	576	37.1959	89.3744	-644.0		DU	4.69	2.81	1.35	0.600	2.087	3.477	1518.	39.	7.	758.7	27.1	1
1976	0	600	37.1959	89.3750	-645.2		DU	8.26	4.26	1.30	0.516	3.289	6.375	1512.	40.	2.	758.7	27.1	1
1977	0	488	37.1959	89.3758	-646.5		DU	5.94	1.73	0.96	0.292	1.806	6.184	1314.	31.	2.	758.7	27.1	1
1978	0	460	37.1959	89.3764	-648.5		DU	4.37	2.14	1.15	0.488	1.859	3.806	1270.	47.	5.	758.7	27.1	1
1979	0	480	37.1959	89.3772	-649.5		DU	4.22	2.55	0.97	0.603	2.618	4.338	1297.	58.	1.	757.6	27.1	1
1980	0	452	37.1959	89.3777	-651.7		DU	5.09	2.69	1.06	0.529	2.554	4.826	1291.	48.	0.	757.1	27.1	1
1981	0	424	37.1959	89.3785	-653.0		DU	3.86	1.73	1.10	0.449	1.577	3.515	1290.	48.	0.	758.1	27.1	1
1982	0	432	37.1959	89.3791	-653.5		DU	4.19	2.50	1.33	0.596	1.879	3.155	1333.	35.	0.	758.7	27.1	1
1983	0	448	37.1959	89.3798	-656.7		DU	6.33	3.07	1.31	0.486	2.345	4.829	1541.	31.	0.	757.6	27.1	1
1984	0	416	37.1959	89.3805	-659.2		DU	7.28	1.58	1.27	0.217	1.242	5.737	1496.	43.	0.	757.6	27.1	1
1985	0	408	37.1959	89.3811	-659.2		DU	6.95	1.59	1.21	0.229	1.318	5.758	1396.	42.	0.	758.7	27.1	1
1986	0	408	37.1959	89.3819	-661.7		DU	7.13	2.67	1.06	0.375	2.525	6.726	1428.	37.	0.	758.7	27.1	1
1987	0	428	37.1959	89.3825	-665.0		DU	4.81	2.83	0.89	0.588	3.165	5.384	1439.	36.	0.	758.7	27.3	1
1988	0	468	37.1959	89.3832	-665.5		DU	6.55	2.24	1.18	0.342	1.902	5.570	1477.	46.	0.	758.7	27.3	1
1989	10	456	37.1959	89.3839	-667.7		DU	7.71	1.22	1.38	0.0	0.0	5.576	1378.	42.	4.	759.7	27.3	1
1990	10	416	37.1959	89.3846	-670.5		DU	6.20	1.31	1.09	0.0	0.0	5.685	1236.	55.	0.	759.7	27.3	1
1991	0	404	37.1958	89.3852	-672.0		DU	4.95	1.85	1.06	0.374	1.742	4.661	1295.	39.	4.	759.7	27.3	1
1992	0	396	37.1958	89.3859	-673.7		DU	6.45	1.77	1.02	0.275	1.732	6.296	1387.	39.	6.	760.7	27.3	1
1993	10	388	37.1958	89.3866	-676.2		DU	6.15	1.21	0.96	0.0	0.0	6.400	1299.	50.	8.	760.7	27.4	1
1994	0	360	37.1958	89.3873	-677.0		DU	3.92	2.45	1.09	0.624	2.249	3.602	1337.	39.	7.	760.2	27.3	1
1995	0	324	37.1958	89.3880	-678.5		DU	6.06	1.87	0.78	0.309	2.410	7.809	1316.	38.	8.	760.2	27.3	1
1996	10	316	37.1958	89.3887	-680.7		DU	4.69	1.06	0.91	0.0	0.0	5.151	1312.	43.	8.	759.2	27.3	1
1997	10	332	37.1958	89.3893	-681.5		DU	6.79	1.00	1.23	0.0	0.0	5.520	1402.	36.	9.	758.1	27.4	1
1998	0	340	37.1958	89.3900	-684.5		DU	6.99	1.30	1.17	0.186	1.112	5.985	1362.	38.	8.	758.7	27.5	1
1999	0	340	37.1958	89.3907	-686.0		DU	7.85	1.40	1.02	0.179	1.382	7.728	1379.	42.	5.	758.7	27.6	1
2000	0	328	37.1958	89.3914	-688.0		DU	6.75	2.36	0.79	0.350	3.009	8.598	1411.	40.	5.	758.7	27.6	1
2001	10	344	37.1958	89.3921	-690.2		DU	6.72	1.01	1.01	0.0	0.0	6.681	1452.	49.	7.	758.1	27.7	1
2002	0	384	37.1958	89.3927	-693.7		DU	6.91	2.07	1.06	0.300	1.951	6.507	1558.	43.	6.	757.6	27.7	1
2003	0	412	37.1958	89.3934	-694.5		DU	8.13	3.00	1.10	0.369	2.734	7.408	1623.	29.	6.	757.6	27.7	1
2004	0	436	37.1958	89.3940	-696.7		DU	6.33	2.90	1.35	0.459	2.159	4.702	1660.	42.	9.	758.7	27.6	1
2005	0	464	37.1958	89.3948	-698.7		DU	7.61	3.49	1.01	0.458	3.445	7.517	1726.	32.	9.	758.7	27.6	1
2006	10	468	37.1958	89.3954	-700.5		DU	7.80	1.58	1.72	0.0	0.0	4.546	1632.	47.	10.	758.7	27.5	1
2007	10	444	37.1958	89.3961	-703.2		DU	6.98	1.43	1.57	0.0	0.0	4.456	1728.	42.	12.	758.7	27.4	1
2008	10	424	37.1958	89.3967	-703.7		DU	9.18	0.45	1.24	0.0	0.0	7.405	1571.	29.	10.	758.7	27.4	1
2009	0	424	37.1958	89.3975	-704.5		DU	7.26	2.05	1.32	0.282	1.547	5.483	1581.	39.	9.	758.7	27.4	1
2010	10	440	37.1958	89.3981	-707.5		DU	7.13	1.32	1.54	0.0	0.0	4.642	1646.	44.	7.	759.7	27.4	1
2011	0	468	37.1958	89.3988	-708.2		DU	7.76	3.07	1.20	0.395	2.560	6.481	1611.	52.	5.	758.7	27.4	1
2012	0	448	37.1958	89.3995	-708.5		DU	5.97	1.77	1.20	0.297	1.481	4.983	1547.	53.	5.	758.7	27.4	1
2013	10	448	37.1958	89.4002	-710.7		DU	7.73	0.03	1.27	0.0	0.0	6.105	1469.	39.	8.	758.7	27.4	1
2014	0	448	37.1958	89.4008	-712.7		DU	6.21	2.84	1.11	0.457	2.557	5.592	1495.	45.	4.	758.7	27.3	1

*	TAGS		* LOCATION			*	REDUCED DATA											
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2015	0	416	37.1958	89.4016	-714.5	DU	4.90	3.02	1.24	0.617	2.435	3.947	1448.	35.	2.	758.7	27.3	1
2016	10	392	37.1958	89.4022	-716.2	QTC-1	7.22	1.25	1.00	0.0	0.0	7.258	1335.	31.	6.	758.7	27.2	1
2017	10	364	37.1958	89.4029	-717.0	QTC-1	7.31	0.01	1.21	0.0	0.0	6.069	1273.	43.	4.	758.1	27.3	1
2018	0	340	37.1958	89.4036	-718.0	QTC-1	5.29	1.61	1.11	0.305	1.449	4.756	1287.	40.	1.	758.1	27.3	1
2019	0	348	37.1958	89.4042	-720.2	QTC-1	5.92	2.00	0.98	0.339	2.041	6.029	1314.	34.	2.	758.7	27.2	1
2020	10	368	37.1958	89.4050	-722.2	QTC-1	7.46	0.98	1.01	0.0	0.0	7.361	1357.	38.	3.	758.7	27.2	1
2021	0	384	37.1958	89.4056	-722.0	QTC-1	5.18	3.20	1.29	0.618	2.487	4.027	1457.	47.	0.	758.7	27.2	1
2022	0	352	37.1958	89.4063	-722.7	QTC-1	7.43	1.98	1.00	0.267	1.972	7.393	1351.	42.	0.	758.7	27.2	1
2023	0	336	37.1958	89.4070	-726.7	QTC-1	5.21	2.78	0.93	0.534	2.997	5.610	1212.	44.	1.	758.1	27.2	1
2024	0	372	37.1958	89.4077	-728.0	QTC-1	6.85	1.37	1.02	0.200	1.349	6.747	1352.	42.	2.	757.6	27.2	1
2025	0	372	37.1958	89.4084	-728.5	QTC-1	5.56	2.63	1.14	0.473	2.312	4.887	1318.	50.	0.	758.7	27.3	1
2026	0	372	37.1958	89.4090	-731.0	QTC-1	5.58	2.36	1.23	0.423	1.926	4.550	1362.	42.	0.	758.7	27.2	1
2027	0	400	37.1958	89.4097	-732.0	QTC-1	7.78	2.20	0.98	0.282	2.236	7.917	1348.	33.	0.	757.6	27.2	1
2028	0	444	37.1957	89.4104	-732.7	QTC-1	7.29	1.76	1.07	0.241	1.639	6.800	1403.	50.	3.	757.6	27.2	1
2029	0	404	37.1957	89.4111	-736.0	QTC-1	6.18	1.77	1.03	0.287	1.725	6.011	1370.	53.	3.	757.6	27.2	1
2030	10	436	37.1957	89.4118	-736.5	QTC-1	9.18	0.75	1.27	0.0	0.0	7.216	1536.	34.	4.	758.7	27.2	1
2031	0	456	37.1957	89.4124	-737.7	QTC-1	6.33	2.11	1.29	0.333	1.637	4.913	1683.	44.	6.	758.7	27.1	1
2032	0	452	37.1957	89.4132	-737.7	QTC-1	7.10	2.92	1.24	0.411	2.353	5.719	1619.	45.	7.	758.7	27.1	1
2033	10	456	37.1957	89.4137	-738.5	QTC-1	7.59	1.28	1.16	0.0	0.0	6.532	1474.	38.	3.	757.6	27.1	1
2034	0	460	37.1957	89.4145	-741.0	QTC-1	5.09	3.43	1.23	0.673	2.790	4.144	1552.	40.	3.	757.6	27.1	1
2035	10	440	37.1957	89.4151	-741.7	QTC-1	6.49	0.30	0.98	0.0	0.0	6.642	1360.	46.	7.	757.6	27.1	1
2036	10	444	37.1957	89.4159	-743.7	QTC-1	5.60	0.86	1.19	0.0	0.0	4.705	1293.	43.	11.	757.6	27.0	1
2037	10	480	37.1957	89.4165	-744.7	QTC-1	7.29	1.08	1.14	0.0	0.0	6.371	1518.	46.	9.	758.7	27.0	1
2038	10	488	37.1957	89.4171	-745.5	QTC-1	6.52	1.57	1.02	0.0	0.0	6.389	1462.	44.	10.	758.7	27.0	1
2039	10	508	37.1957	89.4178	-746.0	QTC-1	7.19	0.88	1.38	0.0	0.0	5.213	1581.	34.	9.	758.7	27.0	1
2040	0	520	37.1957	89.4185	-747.5	QTC-1	9.61	2.55	0.81	0.265	3.124	11.798	1531.	47.	4.	758.7	26.9	1
2041	10	524	37.1957	89.4192	-748.5	QTC-1	7.84	0.91	1.44	0.0	0.0	5.455	1525.	44.	11.	758.7	26.9	1
2042	10	504	37.1957	89.4199	-749.7	QTC-1	8.04	0.56	1.23	0.0	0.0	6.521	1575.	40.	12.	758.7	26.9	1
2043	0	496	37.1957	89.4206	-750.2	QTC-1	6.37	4.52	0.88	0.710	5.142	7.243	1535.	33.	10.	759.2	26.9	1
2044	10	544	37.1957	89.4212	-752.0	QTC-1	8.19	0.10	1.54	0.0	0.0	5.334	1577.	36.	10.	758.1	26.8	1
2045	0	548	37.1957	89.4219	-751.7	QTC-1	6.86	2.76	1.21	0.402	2.282	5.676	1634.	46.	7.	757.1	26.9	1
2046	10	552	37.1957	89.4226	-754.0	QTC-1	9.76	1.37	1.18	0.0	0.0	8.268	1621.	44.	7.	757.1	26.8	1
2047	10	552	37.1957	89.4233	-755.5	QTC-1	9.20	1.00	1.32	0.0	0.0	6.953	1580.	38.	4.	757.1	26.8	1
2048	0	524	37.1957	89.4240	-755.7	QTC-1	6.31	3.94	1.12	0.624	3.500	5.607	1581.	34.	0.	756.6	26.8	1
2049	0	536	37.1957	89.4247	-756.0	QTC-1	6.28	2.25	1.33	0.359	1.694	4.717	1557.	49.	3.	756.6	26.8	1
2050	0	540	37.1957	89.4253	-756.5	QTC-1	4.77	2.35	1.12	0.494	2.099	4.252	1606.	43.	10.	756.6	26.8	1
2051	0	552	37.1956	89.4260	-758.0	QTC-1	6.33	3.49	1.18	0.552	2.969	5.381	1730.	34.	1.	757.1	26.8	1
2052	10	528	37.1956	89.4267	-759.0	QTC-1	6.65	1.37	1.57	0.0	0.0	4.228	1583.	46.	5.	758.1	26.9	1
2053	0	500	37.1956	89.4274	-759.0	QTC-1	7.74	2.03	1.14	0.263	1.782	6.788	1498.	42.	6.	758.1	26.7	1
2054	0	476	37.1956	89.4281	-760.7	QTC-1	7.08	1.95	1.15	0.275	1.689	6.146	1458.	54.	4.	758.7	27.0	1
2055	0	500	37.1956	89.4287	-762.0	QTC-1	4.84	3.90	0.71	0.805	5.501	6.831	1372.	49.	6.	759.7	27.9	1
2056	0	488	37.1956	89.4294	-762.2	QTC-1	6.08	3.35	0.91	0.551	3.670	6.661	1424.	31.	9.	759.7	28.2	1
2057	10	480	37.1956	89.4301	-762.7	QTC-1	6.78	1.38	1.07	0.0	0.0	6.364	1401.	43.	7.	758.7	28.0	1
2058	0	456	37.1956	89.4308	-763.2	QTC-1	8.44	1.77	1.02	0.210	1.742	8.298	1461.	39.	8.	758.7	28.0	1
2059	0	464	37.1956	89.4314	-763.7	QTC-1	5.78	1.70	1.02	0.295	1.672	5.670	1443.	55.	10.	759.7	27.5	1
2060	10	496	37.1956	89.4322	-765.0	QTC-1	7.43	1.24	1.36	0.0	0.0	5.452	1540.	39.	10.	759.7	27.1	1
2061	0	460	37.1956	89.4328	-766.2	QTC-1	4.44	2.05	1.21	0.461	1.687	3.659	1364.	34.	11.	758.7	27.2	1
2062	10	484	37.1956	89.4335	-767.5	QTC-1	7.48	0.63	1.14	0.0	0.0	6.539	1523.	34.	13.	758.7	27.2	1
2063	0	512	37.1956	89.4341	-767.5	QTC-1	6.75	2.84	1.44	0.421	1.972	4.682	1516.	35.	8.	757.6	27.2	1
2064	0	524	37.1956	89.4348	-768.7	SU-2	7.99	2.82	1.21	0.353	2.336	6.614	1683.	35.	6.	757.6	27.2	1
2065	0	536	37.1956	89.4355	-771.7	SU-2	7.35	4.25	1.36	0.578	3.118	5.392	1653.	49.	3.	758.7	27.3	1
2066	0	532	37.1956	89.4362	-771.5	SU-2	3.69	2.22	1.58	0.602	1.407	2.339	1614.	33.	8.	758.7	27.3	1
2067	0	536	37.1956	89.4369	-770.7	SU-2	6.83	2.28	1.48	0.333	1.538	4.618	1614.	48.	2.	758.7	27.3	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2068	0	540	37.1956	89.4376	-771.5	SU-2	7.96	2.75	1.56	0.346	1.760	5.095	1562.	60.	2.	758.7	27.3	1
2069	0	548	37.1956	89.4382	-773.5	SU-2	7.80	2.40	1.37	0.308	1.758	5.705	1545.	45.	1.	758.1	27.3	1
2070	10	552	37.1956	89.4389	-775.5	SU-2	7.65	0.67	1.36	0.0	0.0	5.633	1566.	35.	0.	757.1	27.3	1
2071	0	564	37.1956	89.4396	-776.2	SU-2	5.69	3.28	1.25	0.576	2.627	4.559	1563.	29.	1.	757.1	27.3	1
2072	0	576	37.1956	89.4403	-776.7	SU-2	5.42	4.08	1.38	0.752	2.954	3.927	1550.	54.	3.	757.6	27.3	1
2073	0	560	37.1956	89.4410	-776.5	SU-2	8.18	2.58	1.02	0.315	2.522	8.005	1483.	50.	1.	757.6	27.1	1
2074	0	524	37.1956	89.4416	-779.7	QAL	4.51	4.04	1.11	0.894	3.632	4.062	1398.	40.	6.	757.6	27.3	1
2075	0	548	37.1956	89.4423	-780.2	QAL	5.31	3.24	1.00	0.611	3.237	5.299	1418.	41.	4.	758.7	28.0	1
2076	0	528	37.1956	89.4430	-779.7	QAL	8.32	2.75	0.90	0.331	3.071	9.286	1421.	45.	6.	759.2	28.3	1
2077	10	520	37.1956	89.4437	-781.7	QAL	7.77	1.12	1.06	0.0	0.0	7.351	1298.	36.	5.	758.1	28.2	1
2078	0	552	37.1956	89.4444	-783.5	QAL	4.73	2.11	1.35	0.446	1.566	3.508	1314.	46.	5.	758.7	28.2	1
2079	0	588	37.1956	89.4451	-782.5	SU-1	4.52	3.55	0.99	0.784	3.595	4.583	1505.	35.	6.	759.7	28.3	1
2080	0	556	37.1956	89.4457	-783.0	SU-1	5.20	3.52	1.07	0.676	3.296	4.874	1422.	36.	3.	759.2	28.4	1
2081	0	484	37.1956	89.4464	-785.0	SU-1	6.35	2.75	0.88	0.433	3.128	7.230	1274.	32.	3.	760.2	28.5	1
2082	0	476	37.1956	89.4471	-784.7	SU-1	6.79	3.27	1.07	0.482	3.044	6.318	1503.	37.	4.	761.2	28.4	1
2083	0	500	37.1956	89.4478	-784.5	SU-1	4.64	4.65	0.64	1.003	7.230	7.210	1486.	54.	4.	760.2	28.3	1
2084	0	460	37.1955	89.4484	-785.7	SU-1	6.22	3.10	1.09	0.499	2.852	5.721	1522.	41.	3.	759.7	28.5	1
2085	0	468	37.1955	89.4492	-786.2	SU-2	8.39	2.34	1.14	0.278	2.041	7.334	1622.	45.	1.	759.7	28.3	1
2086	0	456	37.1955	89.4498	-788.0	QAL	5.14	2.26	1.35	0.440	1.669	3.796	1504.	52.	9.	758.7	27.4	1
2087	0	452	37.1955	89.4505	-788.2	QAL	7.52	3.49	1.36	0.465	2.560	5.510	1572.	28.	1.	758.7	27.2	1
2088	0	432	37.1955	89.4512	-788.5	QAL	4.49	2.14	1.28	0.477	1.678	3.519	1409.	46.	6.	759.7	27.4	1
2089	0	412	37.1955	89.4519	-789.2	QAL	3.40	3.72	0.69	1.095	5.425	4.952	1196.	39.	7.	759.7	27.3	1
2090	10	424	37.1955	89.4525	-790.7	QAL	5.47	1.37	0.74	0.0	0.0	7.368	1078.	33.	7.	760.2	27.4	1
2091	0	460	37.1955	89.4532	-791.7	QAL	4.17	1.49	0.79	0.359	1.899	5.296	961.	35.	4.	761.2	27.3	1
2092	10	520	37.1955	89.4539	-792.2	QAL	5.40	0.20	0.74	0.0	0.0	7.311	909.	38.	5.	760.2	27.5	1
2093	10	548	37.1955	89.4545	-793.2	(WATER)	3.91	0.55	0.53	0.0	0.0	7.421	669.	43.	6.	758.7	28.4	1
2094	110	544	37.1955	89.4552	-793.5	(WATER)	0.59	-0.66	0.29	0.0	0.0	0.0	445.	40.	8.	758.7	28.6	1
2095	111	544	37.1955	89.4559	-793.5	(WATER)	0.47	-1.02	0.15	0.0	0.0	0.0	206.	47.	9.	758.7	28.4	1
2096	111	540	37.1955	89.4566	-795.7	(WATER)	0.49	0.58	-0.04	0.0	0.0	0.0	218.	33.	9.	759.7	28.7	1
2097	111	536	37.1955	89.4572	-796.7	(WATER)	0.09	-0.25	0.03	0.0	0.0	0.0	111.	44.	8.	761.2	28.6	1
2098	111	528	37.1955	89.4580	-797.5	(WATER)	-0.03	0.08	0.01	0.0	0.0	0.0	107.	34.	3.	762.3	27.6	1
2099	111	524	37.1955	89.4586	-797.5	(WATER)	1.02	-0.42	-0.05	0.0	0.0	0.0	55.	37.	5.	762.3	27.4	1
2100	111	520	37.1955	89.4593	-798.0	(WATER)	0.54	0.59	0.06	0.0	0.0	0.0	80.	34.	2.	761.2	27.6	1
2101	111	512	37.1955	89.4600	-798.5	(WATER)	0.12	-0.03	0.07	0.0	0.0	0.0	10.	46.	1.	760.2	27.5	1
2102	111	504	37.1955	89.4607	-799.7	(WATER)	0.51	-0.13	0.10	0.0	0.0	0.0	84.	31.	1.	760.7	27.5	1
2103	11	500	37.1955	89.4613	-800.7	(WATER)	1.66	-0.67	0.08	0.0	0.0	0.0	54.	45.	2.	761.8	27.5	1
2104	111	496	37.1955	89.4621	-801.2	(WATER)	-0.06	0.34	0.04	0.0	0.0	0.0	81.	46.	3.	762.8	27.5	1
2105	111	496	37.1955	89.4627	-802.0	(WATER)	0.10	-0.46	0.10	0.0	0.0	0.0	100.	55.	3.	762.8	27.5	1
2106	101	500	37.1955	89.4634	-801.5	QAL	0.82	1.55	0.12	0.0	0.0	0.0	221.	47.	2.	761.8	27.4	1
2107	10	500	37.1955	89.4641	-803.0	QAL	3.38	0.46	0.20	0.0	0.0	17.053	532.	35.	5.	760.7	27.5	1
2108	10	496	37.1955	89.4648	-803.7	QAL	3.44	1.21	0.77	0.0	0.0	4.468	902.	38.	3.	761.8	27.7	1
2109	10	488	37.1955	89.4654	-805.7	QAL	5.19	1.21	1.15	0.0	0.0	4.532	1166.	45.	3.	762.8	27.7	1
2110	10	480	37.1955	89.4661	-807.0	QAL	5.88	0.97	1.15	0.0	0.0	5.110	1350.	43.	4.	763.3	27.8	1
2111	0	480	37.1955	89.4668	-807.0	QAL	10.02	2.60	1.13	0.260	2.308	8.891	1622.	52.	0.	762.3	27.9	1
2112	0	436	37.1955	89.4675	-807.2	QAL	5.97	2.83	1.12	0.475	2.535	5.342	1426.	34.	3.	760.2	27.9	1
2113	0	388	37.1955	89.4682	-808.7	QAL	5.29	4.58	1.00	0.866	4.576	5.286	1387.	44.	2.	760.2	28.0	1
2114	0	364	37.1955	89.4688	-808.5	QAL	6.49	2.32	1.14	0.357	2.035	5.692	1403.	37.	1.	762.3	28.1	1
2115	0	368	37.1955	89.4695	-808.5	QAL	5.31	1.29	1.37	0.243	0.944	3.878	1458.	36.	4.	762.8	27.8	1
2116	0	412	37.1955	89.4702	-809.2	QAL	8.80	2.70	1.22	0.306	2.210	7.211	1705.	35.	2.	760.7	27.9	1
2117	0	428	37.1955	89.4709	-811.2	OMK-2	9.65	2.94	1.48	0.304	1.988	6.537	1753.	34.	1.	759.2	28.8	1
2118	0	432	37.1955	89.4715	-811.2	OMK-2	6.98	3.61	1.14	0.517	3.159	6.109	1603.	30.	1.	759.2	28.8	1
2119	0	444	37.1955	89.4723	-811.2	OMK-2	8.29	2.79	1.40	0.337	2.002	5.940	1669.	44.	0.	759.2	27.9	1
2120	0	452	37.1955	89.4729	-811.7	OMK-2	7.85	3.52	1.28	0.449	2.745	6.117	1655.	40.	1.	760.2	27.7	1

CP9 IP12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2121	0	440	37.1955	89.4736	-811.5	OMK-2	7.15	2.72	1.41	0.380	1.927	5.065	1654.	38.	0.	760.7	27.7	1
2122	0	440	37.1955	89.4742	-811.5	OMK-2	8.68	2.76	1.51	0.318	1.831	5.752	1702.	34.	0.	759.7	27.6	1
2123	0	452	37.1955	89.4750	-814.2	OMK-2	9.11	2.97	1.12	0.327	2.666	8.160	1699.	44.	0.	759.7	27.7	1
2124	0	412	37.1954	89.4756	-814.2	OMK-2	7.53	3.07	1.42	0.408	2.161	5.299	1651.	47.	1.	760.7	27.4	1
2125	0	384	37.1954	89.4763	-814.7	OMK-2	5.93	2.81	1.19	0.474	2.361	4.984	1495.	44.	3.	760.7	27.7	1
2126	0	364	37.1954	89.4770	-814.2	OMK-2	6.72	2.44	1.05	0.363	2.322	6.402	1497.	30.	2.	761.8	28.4	1
2127	0	352	37.1954	89.4776	-813.0	OMK-2	8.83	2.27	1.11	0.258	2.049	7.956	1552.	43.	0.	759.7	27.9	1
2128	0	368	37.1954	89.4783	-815.0	OMK-2	6.24	1.48	1.43	0.238	1.036	4.357	1592.	34.	0.	759.7	27.5	1
2129	0	372	37.1954	89.4790	-816.2	OMK-2	7.88	2.14	1.18	0.272	1.809	6.660	1586.	35.	0.	761.8	27.8	1
2130	0	360	37.1954	89.4797	-816.2	KU	7.24	3.28	1.21	0.452	2.714	6.002	1610.	36.	0.	760.7	27.8	1
2131	0	328	37.1954	89.4803	-818.2	KU	6.53	2.86	1.42	0.437	2.016	4.610	1555.	50.	0.	758.7	27.9	1
2132	0	360	37.1954	89.4811	-818.2	KU	6.50	1.85	1.37	0.284	1.346	4.736	1554.	52.	3.	760.7	27.9	1
2133	0	316	37.1954	89.4817	-819.2	KU	5.84	2.67	1.37	0.458	1.946	4.250	1573.	31.	1.	760.7	27.9	1
2134	0	328	37.1954	89.4824	-820.2	KU	6.27	3.77	0.90	0.600	4.165	6.938	1528.	44.	3.	759.7	27.9	1
2135	0	332	37.1954	89.4831	-819.7	KU	7.15	3.34	1.19	0.468	2.818	6.026	1569.	43.	2.	760.7	27.9	1
2136	0	392	37.1954	89.4838	-819.0	KU	8.45	3.75	1.44	0.444	2.599	5.859	1755.	34.	7.	761.8	27.9	1
2137	10	408	37.1954	89.4845	-819.5	KU	6.29	0.53	1.43	0.0	0.0	4.394	1685.	41.	8.	759.7	27.9	1
2138	0	432	37.1954	89.4852	-820.0	KU	8.75	4.16	1.55	0.475	2.676	5.633	1867.	39.	4.	759.7	27.8	1
2139	0	448	37.1954	89.4858	-818.2	KU	9.74	2.18	1.71	0.224	1.272	5.678	1793.	34.	8.	760.7	27.8	1
2140	10	436	37.1954	89.4865	-819.2	KU	9.55	0.37	1.69	0.0	0.0	5.646	1811.	35.	8.	760.7	27.7	1
2141	0	444	37.1954	89.4872	-819.2	KU	7.86	2.31	1.40	0.293	1.641	5.593	1776.	52.	10.	759.7	27.6	1
2142	0	444	37.1954	89.4879	-819.0	KU	7.78	1.81	1.57	0.233	1.158	4.970	1835.	50.	8.	760.7	27.8	1
2143	0	444	37.1954	89.4886	-819.2	KU	6.94	2.23	1.73	0.322	1.293	4.019	1831.	40.	9.	761.8	27.6	1
2144	10	448	37.1954	89.4892	-820.2	KU	6.90	0.84	1.36	0.0	0.0	5.083	1710.	43.	8.	759.7	27.8	1
2145	10	448	37.1955	89.4898	-820.0	KU	8.84	0.83	1.43	0.0	0.0	6.177	1697.	62.	12.	758.7	28.8	1
2146	10	468	37.1957	89.4904	-818.2	KU	8.42	1.59	1.44	0.0	0.0	5.835	1734.	37.	8.	759.7	28.7	1
2147	0	464	37.1959	89.4910	-818.2	KU	6.13	3.73	1.52	0.608	2.454	4.034	1790.	51.	8.	760.7	27.8	1
2148	0	464	37.1961	89.4916	-819.2	KU	7.19	3.72	1.54	0.517	2.406	4.652	1802.	35.	5.	760.2	27.6	1
2149	0	468	37.1962	89.4921	-820.2	KU	7.20	1.88	1.49	0.262	1.263	4.830	1808.	36.	3.	759.2	27.8	1
2150	10	456	37.1965	89.4927	-820.5	KU	8.75	1.46	1.56	0.0	0.0	5.597	1836.	36.	3.	759.2	27.7	1
2151	0	456	37.1966	89.4934	-819.5	KU	8.20	3.13	1.58	0.382	1.9[illegible]	5.195	1793.	43.	0.	760.2	27.8	1
2152	0	476	37.1968	89.4939	-820.7	KU	7.39	2.15	1.58	0.291	1.35[illegible]	4.668	1798.	44.	0.	759.2	27.7	1
2153	0	488	37.1970	89.4945	-820.0	KU	7.94	2.36	1.56	0.298	1.518	5.098	1844.	38.	0.	759.2	27.7	1
2154	0	492	37.1971	89.4951	-819.0	KU	7.69	3.60	1.56	0.468	2.318	4.947	1822.	50.	0.	760.7	27.7	1
2155	0	496	37.1974	89.4957	-819.0	KU	9.36	2.97	1.46	0.317	2.040	6.428	1764.	42.	0.	759.7	27.7	1
2156	0	492	37.1975	89.4962	-819.0	KU	9.83	1.91	1.54	0.194	1.238	6.381	1820.	35.	0.	758.7	27.7	1
2157	0	492	37.1977	89.4968	-819.5	KU	7.97	3.57	1.37	0.448	2.617	5.840	1770.	47.	0.	759.7	27.7	1
2158	0	488	37.1979	89.4975	-818.7	ODP	8.07	2.88	1.42	0.357	2.035	5.699	1734.	47.	1.	760.2	27.8	1
2159	10	488	37.1980	89.4980	-817.7	ODP	9.33	1.62	1.14	0.0	0.0	8.184	1690.	38.	4.	759.2	27.8	1
2160	10	496	37.1983	89.4986	-815.7	ODP	8.75	1.56	1.37	0.0	0.0	6.394	1679.	37.	5.	759.2	27.8	1
2161	10	508	37.1984	89.4992	-813.2	ODP	8.38	1.56	1.46	0.0	0.0	5.725	1817.	36.	8.	759.7	27.9	1
2162	10	508	37.1986	89.4998	-810.2	ODP	9.16	1.57	1.13	0.0	0.0	8.129	1683.	46.	6.	758.7	27.9	1
2163	0	512	37.1988	89.5003	-806.7	ODP	8.27	3.76	1.12	0.454	3.346	7.365	1636.	34.	4.	758.7	27.9	1
2164	0	524	37.1990	89.5009	-804.0	ODP	7.15	3.26	1.45	0.456	2.255	4.944	1712.	34.	2.	759.7	27.8	1
2165	0	552	37.1992	89.5016	-805.5	ODP	9.13	2.02	[illegible]50	0.222	1.352	6.100	1722.	32.	2.	759.7	27.8	1
2166	10	556	37.1994	89.5021	-807.5	ODP	12.16	0.96	[illegible].66	0.0	0.0	7.323	1701.	37.	1.	758.7	27.7	1
2167	0	556	37.1995	89.5027	-806.2	ODP	9.88	5.05	1.12	0.512	4.494	8.784	1707.	45.	0.	759.7	27.7	1
2168	10	556	37.1997	89.5033	-807.0	ODP	7.73	1.88	1.46	0.0	0.0	5.295	1649.	30.	7.	759.7	27.6	1
2169	0	564	37.1999	89.5039	-806.7	ODP	7.42	2.33	1.34	0.314	1.746	5.554	1722.	42.	12.	758.7	27.6	1
2170	10	560	37.2001	89.5044	-807.0	ODP	8.71	1.09	1.36	0.0	0.0	6.388	1770.	39.	12.	759.7	27.6	1
2171	0	540	37.2002	89.5050	-806.5	ODP	7.26	2.19	1.20	0.301	1.828	6.068	1633.	44.	11.	760.7	27.6	1
2172	10	536	37.2004	89.5057	-806.0	ODP	8.14	0.96	1.27	0.0	0.0	6.407	1727.	52.	16.	758.7	27.6	1
2173	10	532	37.2006	89.5062	-806.2	ODP	9.72	0.57	1.04	0.0	0.0	9.322	1680.	49.	15.	758.7	27.7	1

*	TAGS		* LOCATION		*		REDUCED DATA											
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
2174	10	520	37.2007	89.5068	-807.0	ODP	10.01	-0.44	1.16	0.0	0.0	8.662	1750.	40.	15.	760.7	27.4	1
2175	10	504	37.2010	89.5074	-804.5	ODP	7.07	0.59	1.47	0.0	0.0	4.811	1760.	45.	13.	758.7	27.9	1
2176	0	500	37.2012	89.5080	-805.7	ODP	8.66	2.63	1.38	0.304	1.909	6.286	1729.	37.	10.	758.7	28.5	1
2177	10	492	37.2013	89.5085	-806.5	ODP	9.63	1.60	1.52	0.0	0.0	6.332	1860.	43.	12.	761.8	28.0	1
2178	0	472	37.2015	89.5091	-805.0	ODP	7.29	3.02	1.46	0.414	2.067	4.994	1730.	42.	8.	759.7	27.5	1
2179	0	452	37.2017	89.5098	-804.0	ODP	6.36	2.62	1.34	0.411	1.950	4.740	1687.	27.	6.	758.7	27.8	1
2180	0	444	37.2019	89.5103	-804.2	ODP	7.23	3.63	1.24	0.502	2.930	5.836	1649.	40.	4.	760.2	27.7	1
2181	10	448	37.2020	89.5109	-804.2	ODP	7.34	1.10	1.55	0.0	0.0	4.746	1635.	53.	6.	758.7	27.7	1
2182	0	444	37.2022	89.5115	-804.5	ODP	6.65	3.72	1.15	0.559	3.233	5.781	1541.	43.	2.	759.7	27.8	1
2183	0	452	37.2024	89.5121	-805.2	ODP	6.99	3.31	0.95	0.474	3.473	7.322	1588.	45.	2.	760.7	27.8	1
2184	0	472	37.2026	89.5126	-804.7	ODP	7.68	3.54	1.25	0.460	2.837	6.163	1711.	43.	4.	758.7	27.9	1
2185	0	492	37.2028	89.5132	-805.0	ODP	8.02	2.63	1.22	0.328	2.156	6.578	1695.	44.	3.	759.7	27.9	1
2186	0	484	37.2030	89.5139	-805.7	ODP	9.87	2.97	1.38	0.301	2.158	7.165	1711.	44.	0.	760.2	27.8	1
2187	0	468	37.2031	89.5144	-804.5	ODP	7.96	2.55	1.67	0.320	1.531	4.778	1737.	43.	2.	759.2	27.8	1
2188	10	460	37.2033	89.5150	-803.0	ODP	8.34	1.20	1.45	0.0	0.0	5.758	1676.	39.	4.	760.2	27.7	1
2189	0	472	37.2035	89.5155	-802.5	ODP	7.73	3.31	1.44	0.429	2.304	5.370	1776.	30.	3.	760.2	27.7	1
2190	0	488	37.2037	89.5162	-803.7	ODP	9.22	3.45	1.24	0.374	2.789	7.461	1830.	43.	0.	759.7	27.6	1
2191	0	496	37.2039	89.5167	-805.0	ODP	6.50	4.46	1.50	0.686	2.972	4.333	1798.	44.	1.	760.2	27.6	1
2192	0	504	37.2040	89.5173	-804.2	ODP	6.72	4.14	1.70	0.617	2.445	3.963	1809.	52.	0.	759.2	27.6	1
2193	0	500	37.2042	89.5180	-803.7	ODP	11.71	2.29	1.40	0.196	1.642	8.391	1752.	43.	0.	759.2	27.7	1
2194	0	492	37.2044	89.5185	-802.7	ODP	6.72	4.88	1.23	0.726	3.964	5.458	1749.	38.	3.	759.7	27.7	1
2195	0	492	37.2045	89.5191	-801.2	ODP	8.58	1.94	1.47	0.226	1.320	5.841	1702.	43.	6.	759.2	27.7	1
2196	0	500	37.2048	89.5197	-803.0	ODP	6.72	3.00	1.44	0.446	2.088	4.686	1794.	42.	6.	759.7	27.7	1
2197	0	512	37.2049	89.5203	-802.2	ODP	5.75	3.72	1.39	0.647	2.677	4.140	1680.	44.	8.	759.7	27.8	1
2198	10	528	37.2051	89.5208	-801.7	ODP	7.76	-0.52	1.34	0.0	0.0	5.787	1685.	45.	14.	759.2	27.7	1
2199	10	528	37.2053	89.5214	-801.2	ODP	8.72	0.89	1.48	0.0	0.0	5.904	1679.	33.	12.	759.2	27.8	1
2200	0	540	37.2055	89.5220	-801.2	QAL	6.61	3.14	1.53	0.475	2.060	4.332	1669.	46.	8.	758.7	27.8	1
2201	10	552	37.2057	89.5226	-800.2	QAL	6.32	1.32	1.40	0.0	0.0	4.500	1532.	36.	11.	759.2	27.8	1
2202	10	556	37.2059	89.5232	-800.5	QAL	8.28	1.52	1.22	0.0	0.0	6.797	1509.	49.	8.	759.2	27.8	1
2203	0	560	37.2060	89.5237	-801.2	QAL	5.66	2.74	1.38	0.483	1.986	4.109	1619.	33.	8.	758.7	27.7	1
2204	0	560	37.2062	89.5244	-800.7	QAL	3.44	4.64	1.20	1.348	3.866	2.867	1579.	34.	6.	759.7	27.7	1
2205	0	560	37.2064	89.5249	-801.0	QAL	8.12	3.16	1.39	0.389	2.273	5.842	1580.	50.	3.	760.2	27.7	1
2206	0	560	37.2066	89.5255	-801.5	QAL	4.82	3.30	1.24	0.684	2.667	3.898	1484.	38.	5.	759.2	27.6	1
2207	0	552	37.2067	89.5262	-801.5	QAL	5.87	2.70	0.93	0.459	2.893	6.300	1432.	44.	3.	759.2	27.7	1
2208	0	552	37.2069	89.5267	-800.5	QAL	6.53	3.11	0.97	0.477	3.227	6.761	1474.	45.	3.	760.2	27.6	1
2209	0	548	37.2071	89.5273	-799.7	QAL	6.07	3.33	1.22	0.549	2.722	4.963	1469.	37.	1.	759.7	27.7	1
2210	0	544	37.2072	89.5278	-798.7	QAL	6.23	2.49	1.24	0.399	1.997	5.007	1442.	36.	3.	759.7	27.7	1
2211	0	540	37.2075	89.5285	-797.2	QAL	5.00	3.38	1.01	0.675	3.356	4.970	1431.	52.	6.	760.2	27.7	1
2212	0	536	37.2077	89.5290	-796.7	QAL	6.22	2.14	1.19	0.344	1.794	5.212	1416.	41.	7.	760.2	27.7	1
2213	0	528	37.2078	89.5296	-795.2	QAL	4.76	3.16	1.34	0.664	2.356	3.547	1405.	30.	4.	760.7	27.7	1
2214	10	520	37.2080	89.5302	-794.2	QAL	7.54	1.54	1.05	0.0	0.0	7.182	1362.	46.	5.	760.7	27.7	1
2215	0	508	37.2082	89.5308	-793.7	QAL	6.77	2.19	1.13	0.323	1.941	6.001	1384.	41.	3.	759.7	27.7	1
2216	0	504	37.2084	89.5314	-793.5	QAL	6.94	2.10	1.00	0.303	2.102	6.944	1319.	39.	5.	760.7	27.8	1
2217	0	496	37.2085	89.5319	-794.2	QAL	5.86	2.27	1.02	0.388	2.228	5.737	1364.	47.	8.	761.8	27.8	1
2218	10	492	37.2087	89.5325	-796.0	QAL	7.15	0.98	1.35	0.0	0.0	5.295	1413.	36.	6.	760.7	27.8	1
2219	0	492	37.2089	89.5331	-795.2	QAL	7.47	2.13	1.25	0.286	1.711	5.984	1379.	58.	0.	760.2	27.8	1
2220	0	484	37.2091	89.5337	-797.5	QAL	7.49	2.15	1.04	0.288	2.072	7.204	1483.	35.	0.	761.2	27.8	1
2221	0	484	37.2093	89.5343	-798.5	QAL	7.02	2.20	1.26	0.314	1.749	5.574	1386.	42.	0.	761.8	27.9	1
2222	0	480	37.2095	89.5349	-800.0	QAL	3.97	3.41	1.31	0.860	2.609	3.035	1516.	38.	2.	761.8	27.9	1
2223	10	480	37.2096	89.5355	-802.7	QAL	5.84	1.19	1.24	0.0	0.0	4.717	1346.	52.	3.	761.8	27.9	1
2224	0	476	37.2098	89.5360	-804.7	QAL	6.17	3.96	1.08	0.643	3.661	5.696	1291.	32.	0.	760.7	28.0	1
2225	0	472	37.2100	89.5367	-803.0	QAL	6.70	2.07	1.05	0.309	1.968	6.378	1394.	37.	0.	761.2	28.1	1
2226	0	464	37.2102	89.5372	-799.7	QAL	5.00	2.44	1.12	0.488	2.187	4.478	1295.	53.	0.	762.3	28.0	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2227	10	460	37.2104	89.5378	-796.7	QAL	4.41	1.22	0.95	0.0	0.0	4.631	1317.	46.	2.	761.8	28.1	1
2228	0	452	37.2105	89.5384	-793.0	QAL	6.26	2.10	1.16	0.336	1.818	5.414	1383.	45.	4.	761.2	28.0	1
2229	10	440	37.2107	89.5390	-787.5	OJD	5.83	1.02	1.00	0.0	0.0	5.837	1310.	38.	7.	761.8	28.0	1
2230	10	428	37.2109	89.5396	-782.7	OJD	4.02	1.33	1.17	0.0	0.0	3.433	1275.	33.	7.	761.2	27.9	1
2231	0	424	37.2111	89.5401	-780.0	OJD	4.17	1.75	1.13	0.420	1.549	3.686	1282.	38.	6.	762.3	28.0	1
2232	10	424	37.2113	89.5407	-780.2	OJD	8.46	0.30	0.75	0.0	0.0	11.261	1292.	38.	6.	763.3	28.0	1
2233	10	424	37.2114	89.5413	-781.0	OJD	5.52	1.29	0.97	0.0	0.0	5.712	1269.	46.	7.	761.8	28.0	1
2234	0	424	37.2116	89.5419	-780.5	OJD	4.79	1.95	1.09	0.407	1.784	4.386	1250.	44.	8.	762.3	28.0	1
2235	10	420	37.2118	89.5425	-781.5	OJD	5.50	1.37	0.99	0.0	0.0	5.550	1288.	31.	7.	762.8	28.0	1
2236	10	424	37.2120	89.5431	-780.5	OJD	5.82	1.30	1.22	0.0	0.0	4.772	1249.	46.	3.	762.3	27.9	1
2237	0	424	37.2122	89.5437	-778.7	OJD	6.84	1.61	1.25	0.236	1.292	5.484	1302.	39.	1.	762.8	28.0	1
2238	0	432	37.2123	89.5442	-777.2	OJD	4.31	1.74	1.17	0.405	1.486	3.667	1287.	37.	3.	761.8	28.0	1
2239	0	440	37.2125	89.5448	-775.7	OJD	6.85	1.72	1.14	0.251	1.504	5.986	1303.	35.	0.	761.2	28.0	1
2240	0	440	37.2127	89.5454	-775.0	OJD	6.51	1.54	1.07	0.236	1.434	6.077	1294.	35.	2.	762.8	28.1	1
2241	0	436	37.2129	89.5460	-771.2	OJD	6.40	1.69	0.96	0.264	1.757	6.661	1309.	53.	0.	761.2	28.2	1
2242	0	440	37.2130	89.5467	-767.5	OJD	4.54	1.46	1.31	0.321	1.116	3.480	1276.	36.	0.	760.2	28.2	1
2243	0	452	37.2131	89.5473	-765.2	OJD	4.69	2.90	1.08	0.618	2.678	4.332	1207.	36.	0.	762.3	28.4	1
2244	0	472	37.2132	89.5480	-762.5	OJD	5.94	3.25	0.80	0.547	4.067	7.433	1261.	42.	0.	762.3	28.4	1
2245	0	484	37.2133	89.5487	-757.7	OJD	3.30	3.03	1.24	0.916	2.440	2.664	1367.	44.	0.	761.8	28.2	1
2246	0	484	37.2134	89.5494	-756.7	OJD	5.29	1.73	1.27	0.327	1.359	4.162	1291.	52.	0.	761.8	28.1	1
2247	0	488	37.2134	89.5501	-756.0	OJD	5.90	3.06	1.35	0.520	2.265	4.358	1460.	27.	0.	760.7	28.0	1
2248	10	488	37.2136	89.5507	-756.7	OJD	7.24	1.46	1.51	0.0	0.0	4.789	1442.	46.	0.	761.8	27.9	1
2249	0	488	37.2137	89.5514	-758.2	OJD	5.61	3.80	1.06	0.677	3.579	5.287	1444.	42.	0.	761.2	27.9	1
2250	10	492	37.2138	89.5521	-757.5	OJD	6.29	1.01	1.33	0.0	0.0	4.732	1373.	26.	0.	761.2	27.8	1
2251	0	500	37.2139	89.5528	-754.7	OJD	4.11	2.86	1.23	0.695	2.315	3.329	1316.	56.	4.	763.3	27.8	1
2252	0	504	37.2140	89.5535	-751.7	OJD	4.87	1.69	1.24	0.348	1.363	3.919	1287.	36.	4.	762.3	27.9	1
2253	0	508	37.2141	89.5541	-750.2	QAL	5.96	2.31	1.27	0.387	1.813	4.681	1462.	46.	9.	761.8	27.7	1
2254	0	508	37.2142	89.5547	-750.0	QAL	5.56	2.45	1.12	0.374	2.185	5.846	1408.	46.	7.	762.3	27.9	1
2255	10	500	37.2143	89.5555	-746.5	QAL	5.65	0.73	1.34	0.0	0.0	4.227	1389.	37.	11.	761.2	28.7	1
2256	10	488	37.2144	89.5561	-742.5	QAL	5.59	0.98	1.69	0.0	0.0	3.305	1498.	49.	11.	762.8	28.5	1
2257	0	476	37.2145	89.5569	-741.5	QAL	4.09	2.87	1.28	0.703	2.251	3.201	1501.	43.	4.	762.8	27.8	1
2258	0	488	37.2146	89.5575	-740.5	QAL	6.55	2.66	1.14	0.406	2.328	5.728	1632.	31.	8.	761.2	27.8	1
2259	10	488	37.2147	89.5581	-738.7	QAL	6.47	1.52	1.41	0.0	0.0	4.592	1635.	25.	6.	762.8	27.8	1
2260	0	480	37.2148	89.5588	-736.7	QAL	6.93	2.96	1.27	0.427	2.337	5.476	1533.	48.	5.	762.3	27.8	1
2261	0	476	37.2149	89.5595	-734.5	QAL	9.41	1.99	1.42	0.212	1.402	6.625	1556.	35.	4.	762.3	27.9	1
2262	0	468	37.2150	89.5601	-732.7	QAL	6.55	2.80	1.54	0.428	1.815	4.243	1642.	38.	0.	764.3	27.8	1
2263	0	460	37.2151	89.5609	-730.7	QAL	5.80	3.73	1.49	0.644	2.513	3.905	1575.	49.	1.	762.8	27.8	1
2264	0	452	37.2152	89.5615	-729.2	QAL	6.50	1.79	1.56	0.275	1.147	4.175	1653.	33.	2.	762.8	27.9	1
2265	0	444	37.2153	89.5622	-727.2	QAL	6.83	2.84	1.34	0.415	2.114	5.088	1713.	39.	2.	764.9	27.9	1
2266	0	444	37.2154	89.5629	-726.0	QAL	7.05	2.53	1.29	0.360	1.965	5.466	1564.	37.	0.	762.3	28.0	1
2267	10	440	37.2155	89.5635	-723.2	QAL	8.35	1.01	1.37	0.0	0.0	6.086	1471.	43.	0.	761.2	28.0	1
2268	10	440	37.2156	89.5642	-722.0	QAL	7.45	1.37	1.38	0.0	0.0	5.404	1580.	40.	0.	763.8	28.1	1
2269	0	444	37.2157	89.5649	-718.2	QAL	5.67	2.15	1.46	0.379	1.474	3.887	1553.	55.	3.	763.3	28.2	1
2270	0	448	37.2158	89.5656	-717.5	QAL	6.84	4.57	1.32	0.669	3.469	5.189	1695.	36.	3.	762.3	28.3	1
2271	0	452	37.2159	89.5663	-716.5	QAL	7.10	2.02	1.54	0.284	1.314	4.620	1747.	35.	5.	764.3	28.3	1
2272	0	456	37.2160	89.5669	-716.5	QAL	8.02	2.46	1.45	0.307	1.699	5.529	1650.	44.	3.	763.3	28.4	1
2273	0	456	37.2161	89.5676	-715.2	QAL	6.64	2.10	1.48	0.316	1.419	4.488	1681.	45.	5.	762.3	28.3	1
2274	0	452	37.2162	89.5683	-713.5	QAL	10.11	2.09	1.55	0.207	1.347	6.502	1745.	34.	0.	764.3	28.3	1
2275	0	452	37.2163	89.5689	-712.0	QAL	6.92	4.52	1.18	0.653	3.843	5.888	1764.	38.	1.	762.8	28.3	1
2276	10	448	37.2164	89.5697	-710.2	QAL	7.34	0.96	1.51	0.0	0.0	4.876	1701.	41.	6.	760.7	28.3	1
2277	0	452	37.2165	89.5702	-708.2	QAL	7.02	3.84	1.33	0.547	2.879	5.263	1814.	36.	3.	763.3	28.3	1
2278	0	456	37.2166	89.5709	-706.7	QAL	6.66	2.89	1.61	0.434	1.800	4.146	1725.	46.	0.	763.8	28.4	1
2279	0	460	37.2167	89.5716	-705.7	QAL	5.28	2.96	1.48	0.560	1.999	3.568	1623.	40.	1.	761.8	28.5	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2280	0	472	37.2168	89.5723	-703.7	QAL	7.37	3.60	1.72	0.489	2.098	4.295	1681.	37.	1.	762.3	28.5	1
2281	0	480	37.2169	89.5730	-702.2	QAL	5.68	1.98	1.54	0.350	1.285	3.676	1493.	50.	1.	762.3	28.5	1
2282	10	484	37.2170	89.5736	-699.7	QAL	5.84	1.27	1.35	0.0	0.0	4.314	1463.	43.	4.	760.7	28.5	1
2283	10	492	37.2171	89.5743	-698.7	QAL	6.67	1.34	1.40	0.0	0.0	4.760	1454.	43.	2.	760.2	28.5	1
2284	10	504	37.2172	89.5750	-698.5	QAL	6.60	0.57	1.63	0.0	0.0	4.049	1450.	38.	6.	762.3	28.4	1
2285	0	504	37.2173	89.5757	-696.2	QAL	6.89	3.40	1.36	0.493	2.501	5.070	1505.	42.	0.	762.3	28.2	1
2286	0	508	37.2174	89.5763	-694.5	QAL	6.44	3.34	1.32	0.518	2.534	4.893	1510.	39.	0.	760.7	28.2	1
2287	0	504	37.2175	89.5770	-693.7	QAL	5.48	2.52	1.42	0.461	1.776	3.854	1508.	48.	0.	761.8	28.1	1
2288	0	504	37.2176	89.5777	-692.2	QAL	5.07	5.95	1.22	1.173	4.877	4.157	1687.	33.	1.	762.8	28.1	1
2289	10	496	37.2177	89.5784	-690.0	QAL	8.05	1.38	1.94	0.0	0.0	4.152	1664.	39.	0.	760.7	28.1	1
2290	0	492	37.2178	89.5790	-689.5	QAL	8.28	2.27	1.69	0.274	1.339	4.892	1659.	43.	0.	761.8	27.9	1
2291	10	488	37.2179	89.5797	-688.5	QAL	7.44	0.74	1.68	0.0	0.0	4.428	1626.	43.	2.	763.8	28.0	1
2292	10	480	37.2180	89.5804	-686.0	QAL	6.45	0.43	1.77	0.0	0.0	3.653	1621.	37.	7.	762.3	28.0	1
2293	0	472	37.2181	89.5811	-684.5	QAL	6.81	2.80	1.66	0.411	1.687	4.101	1647.	42.	1.	761.2	28.0	1
2294	10	468	37.2182	89.5817	-684.5	QAL	7.92	1.15	1.75	0.0	0.0	4.514	1753.	37.	6.	763.8	28.0	1
2295	0	464	37.2183	89.5824	-684.0	QAL	7.06	2.47	1.45	0.350	1.705	4.872	1751.	29.	7.	763.8	28.1	1
2296	0	460	37.2184	89.5830	-681.7	QAL	7.26	1.59	1.57	0.219	1.017	4.637	1824.	43.	5.	761.8	28.2	1
2297	0	460	37.2185	89.5838	-680.7	QAL	7.05	3.91	2.02	0.554	1.935	3.494	1959.	32.	3.	761.8	28.3	1
2298	0	460	37.2186	89.5844	-680.2	QAL	8.56	2.35	1.63	0.274	1.444	5.267	1814.	47.	5.	763.8	28.3	1
2299	0	456	37.2187	89.5851	-679.2	QAL	7.97	1.89	1.81	0.238	1.044	4.394	1946.	45.	6.	761.8	28.3	1
2300	10	456	37.2188	89.5858	-677.7	QAL	9.40	1.00	1.67	0.0	0.0	5.619	1832.	35.	2.	760.7	28.4	1
2301	0	460	37.2189	89.5864	-675.5	QAL	7.40	2.00	1.56	0.270	1.286	4.758	1904.	47.	6.	762.8	28.5	1
2302	10	464	37.2190	89.5871	-675.7	QAL	8.76	0.79	2.17	0.0	0.0	4.038	1960.	39.	1.	763.8	28.5	1
2303	0	468	37.2191	89.5878	-673.7	QAL	10.59	2.42	1.52	0.229	1.591	6.955	1872.	45.	0.	761.8	28.5	1
2304	0	476	37.2192	89.5884	-673.7	QAL	8.23	2.62	1.54	0.318	1.697	5.333	1844.	41.	0.	761.8	28.5	1
2305	0	484	37.2193	89.5892	-673.5	QAL	11.00	1.83	1.35	0.166	1.358	8.167	1896.	36.	4.	762.8	28.5	1
2306	0	492	37.2194	89.5898	-672.2	QAL	8.03	2.69	1.81	0.335	1.483	4.433	1866.	46.	3.	762.3	28.5	1
2307	0	500	37.2195	89.5905	-672.0	QAL	6.08	2.89	1.95	0.475	1.482	3.118	1878.	34.	0.	761.2	28.6	1
2308	0	512	37.2196	89.5912	-671.5	QAL	8.34	3.12	1.67	0.373	1.864	4.990	1980.	28.	0.	761.2	28.5	1
2309	0	520	37.2197	89.5918	-670.2	QAL	8.64	3.03	1.74	0.350	1.738	4.960	1911.	39.	1.	762.3	28.5	1
2310	0	524	37.2198	89.5925	-669.5	QAL	7.20	5.47	1.23	0.759	4.440	5.850	1910.	37.	0.	761.2	28.4	1
2311	0	528	37.2199	89.5932	-667.7	QAL	7.45	4.76	1.17	0.639	4.056	6.347	1791.	38.	1.	760.7	28.3	1
2312	10	528	37.2200	89.5939	-667.5	QAL	8.60	1.76	1.47	0.0	0.0	5.855	1885.	52.	2.	761.8	28.2	1
2313	0	528	37.2201	89.5946	-667.0	QAL	6.18	3.62	1.46	0.586	2.479	4.230	1892.	49.	4.	761.8	28.2	1
2314	0	524	37.2202	89.5952	-665.5	QAL	9.90	2.27	1.88	0.229	1.209	5.274	1820.	35.	0.	759.7	28.1	1
2315	0	520	37.2203	89.5959	-665.7	QAL	7.79	1.90	1.60	0.245	1.192	4.874	1934.	35.	9.	760.7	28.1	1
2316	0	516	37.2204	89.5966	-665.7	QAL	9.68	3.01	1.50	0.310	1.999	6.439	1919.	39.	8.	762.8	28.2	1
2317	10	516	37.2205	89.5972	-663.7	QAL	9.27	0.59	1.60	0.0	0.0	5.800	1878.	45.	9.	762.8	28.3	1
2318	0	516	37.2206	89.5979	-662.2	QAL	9.23	2.03	1.29	0.220	1.570	7.148	1832.	43.	12.	760.7	28.2	1
2319	10	512	37.2207	89.5986	-662.7	QAL	10.57	0.69	1.44	0.0	0.0	7.332	1775.	46.	13.	760.7	28.2	1
2320	10	508	37.2208	89.5992	-662.2	QAL	7.12	0.60	1.61	0.0	0.0	4.407	1826.	32.	13.	762.8	28.2	1
2321	0	508	37.2209	89.6000	-661.7	QAL	7.15	3.85	1.22	0.538	3.147	5.848	1903.	32.	10.	762.3	28.2	1
2322	0	508	37.2210	89.6006	-660.2	QAL	9.39	4.19	1.27	0.446	3.305	7.415	1869.	34.	7.	760.2	28.1	1
2323	0	500	37.2211	89.6012	-660.5	QAL	8.54	2.94	1.57	0.345	1.869	5.426	1786.	42.	5.	761.2	28.2	1
2324	0	492	37.2212	89.6019	-659.7	QAL	7.33	3.94	1.79	0.537	2.205	4.103	1816.	41.	5.	762.8	28.1	1
2325	10	488	37.2213	89.6026	-660.0	QAL	10.59	1.26	1.69	0.0	0.0	6.256	1901.	48.	0.	761.8	28.1	1
2326	0	488	37.2214	89.6032	-660.0	QAL	7.38	1.88	1.57	0.254	1.197	4.711	1637.	49.	4.	760.7	28.1	1
2327	0	484	37.2212	89.6039	-660.7	QAL	8.23	2.54	1.37	0.308	1.850	5.996	1796.	36.	4.	762.3	28.1	1
2328	0	484	37.2210	89.6046	-659.5	QAL	9.04	3.30	1.66	0.365	1.990	5.448	1803.	42.	3.	763.3	28.1	1
2329	0	484	37.2207	89.6051	-658.7	QAL	8.21	2.28	1.56	0.277	1.456	5.249	1852.	45.	8.	761.2	28.2	1
2330	10	488	37.2205	89.6058	-659.7	QAL	8.83	1.02	1.91	0.0	0.0	4.629	1984.	32.	7.	760.2	28.3	1
2331	0	492	37.2203	89.6063	-660.2	QAL	7.74	2.06	1.70	0.266	1.212	4.555	1872.	42.	8.	761.8	28.5	1
2332	0	496	37.2200	89.6070	-660.7	QAL	6.82	3.50	1.56	0.514	2.246	4.373	1879.	47.	4.	762.8	28.5	1

CP 9 IP 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2333	10	500	37.2198	89.6076	-660.2	QAL	9.65	0.25	1.95	0.0	0.0	4.937	1741.	50.	8.	761.2	28.6	1
2334	10	500	37.2196	89.6082	-660.7	QAL	9.56	0.90	1.80	0.0	0.0	5.320	1788.	37.	8.	759.2	28.6	1
2335	10	504	37.2194	89.6088	-661.2	QAL	9.39	1.65	1.56	0.0	0.0	6.020	1778.	47.	9.	760.2	28.5	1
2336	10	504	37.2191	89.6094	-663.2	QAL	8.84	1.27	1.77	0.0	0.0	4.996	1799.	40.	11.	761.8	28.5	1
2337	10	500	37.2189	89.6100	-662.2	QAL	9.32	0.27	1.49	0.0	0.0	6.251	1642.	49.	9.	761.8	28.4	1
2338	10	500	37.2187	89.6106	-662.5	QAL	8.81	-0.06	1.42	0.0	0.0	6.200	1657.	44.	11.	760.2	28.3	1
2339	0	492	37.2184	89.6113	-664.7	QAL	6.13	3.48	1.29	0.567	2.702	4.764	1632.	44.	9.	760.2	28.3	1
2340	0	488	37.2182	89.6118	-664.2	QAL	7.36	2.67	1.42	0.363	1.873	5.168	1638.	46.	7.	762.3	28.2	1
2341	0	484	37.2179	89.6125	-664.0	QAL	3.49	1.81	1.22	0.518	1.485	2.869	1588.	53.	9.	763.3	28.1	1
2342	10	480	37.2177	89.6131	-661.5	QAL	7.07	0.85	1.58	0.0	0.0	4.478	1643.	43.	5.	762.3	28.1	1
2343	0	476	37.2175	89.6137	-663.0	QAL	6.74	3.44	1.12	0.510	3.068	6.009	1581.	40.	2.	760.7	28.1	1
2344	0	472	37.2173	89.6143	-663.5	QAL	8.33	1.87	1.91	0.225	0.981	4.364	1622.	33.	1.	760.7	28.2	1
2345	0	468	37.2170	89.6149	-664.2	QAL	7.41	3.48	1.29	0.470	2.686	5.720	1523.	47.	0.	762.8	28.2	1
2346	10	460	37.2168	89.6156	-665.0	QAL	8.31	1.14	1.36	0.0	0.0	6.116	1541.	44.	0.	763.8	28.1	1
2347	0	452	37.2166	89.6161	-663.5	QAL	6.82	3.56	1.41	0.522	2.527	4.837	1638.	43.	0.	762.8	28.2	1
2348	0	444	37.2163	89.6167	-663.7	QAL	8.57	1.64	1.42	0.191	1.157	6.051	1557.	35.	0.	761.8	28.2	1
2349	0	440	37.2161	89.6174	-663.7	QAL	6.99	2.15	1.42	0.308	1.510	4.909	1658.	37.	0.	762.3	28.2	1
2350	0	436	37.2159	89.6180	-665.0	QAL	6.91	3.56	1.46	0.516	2.434	4.717	1713.	41.	3.	762.8	28.2	1
2351	0	436	37.2156	89.6187	-665.5	QAL	8.32	3.32	1.19	0.399	2.789	6.983	1605.	40.	0.	764.3	28.2	1
2352	10	432	37.2154	89.6192	-665.7	QAL	7.86	0.49	1.74	0.0	0.0	4.526	1791.	47.	10.	764.3	28.2	1
2353	10	432	37.2152	89.6199	-665.5	QAL	8.45	1.41	1.46	0.0	0.0	5.774	1741.	48.	11.	762.8	28.2	1
2354	10	428	37.2149	89.6204	-668.0	QAL	7.45	-0.42	1.66	0.0	0.0	4.476	1768.	48.	13.	762.8	28.2	1
2355	0	420	37.2147	89.6210	-669.5	QAL	9.83	1.77	1.92	0.180	1.345	7.472	1720.	38.	10.	763.8	28.2	1
2356	0	416	37.2145	89.6217	-669.0	QAL	6.62	2.37	1.55	0.359	1.765	4.921	1783.	46.	7.	764.3	28.1	1
2357	0	412	37.2142	89.6223	-670.2	QAL	7.78	2.06	1.56	0.264	1.320	4.995	1723.	28.	7.	763.8	28.2	1
2358	0	408	37.2140	89.6229	-672.7	QAL	8.57	1.62	1.44	0.189	1.120	5.933	1733.	34.	7.	762.8	28.2	1
2359	0	408	37.2138	89.6235	-672.7	QAL	7.13	2.62	1.08	0.368	2.430	6.606	1565.	49.	6.	762.8	28.4	1
2360	0	416	37.2135	89.6241	-673.2	QAL	8.63	2.47	1.28	0.287	1.936	6.753	1622.	35.	1.	762.8	28.7	1
2361	0	428	37.2133	89.6247	-675.7	QAL	7.15	3.04	1.31	0.425	2.317	5.450	1665.	47.	1.	763.8	28.9	1
2362	0	440	37.2131	89.6254	-675.2	QAL	9.15	2.46	1.33	0.269	1.845	6.869	1589.	43.	0.	764.3	28.8	1
2363	0	448	37.2128	89.6260	-675.7	QAL	7.70	3.11	1.36	0.403	2.288	5.673	1622.	35.	2.	763.8	28.7	1
2364	0	452	37.2126	89.6266	-677.5	QAL	6.74	2.25	1.47	0.333	1.531	4.594	1570.	43.	0.	761.8	28.6	1
2365	0	456	37.2124	89.6272	-680.0	QAL	5.50	3.98	1.28	0.723	3.118	4.312	1621.	32.	5.	762.8	28.5	1
2366	10	456	37.2121	89.6278	-679.7	QAL	5.41	1.32	1.57	0.0	0.0	3.455	1597.	35.	9.	763.8	28.4	1
2367	10	456	37.2119	89.6284	-681.7	QAL	5.99	1.06	1.57	0.0	0.0	3.826	1607.	47.	11.	763.8	28.4	1
2368	0	452	37.2117	89.6290	-683.2	QAL	6.48	2.12	1.20	0.327	1.757	5.377	1537.	41.	10.	762.8	28.3	1
2369	0	452	37.2114	89.6297	-684.7	QAL	7.95	3.23	1.48	0.406	2.180	5.374	1655.	42.	9.	761.8	28.3	1
2370	10	448	37.2112	89.6303	-683.5	QAL	8.29	0.02	1.40	0.0	0.0	5.911	1591.	42.	10.	761.8	28.3	1
2371	10	448	37.2110	89.6308	-684.5	QAL	6.45	1.08	1.20	0.0	0.0	5.387	1572.	38.	10.	763.8	28.2	1
2372	0	444	37.2107	89.6315	-686.5	QAL	7.00	3.10	1.40	0.443	2.219	5.006	1551.	47.	6.	764.3	28.2	1
2373	10	440	37.2105	89.6321	-688.5	QAL	8.68	1.08	1.37	0.0	0.0	6.322	1635.	39.	7.	763.8	28.2	1
2374	0	440	37.2103	89.6327	-692.0	QAL	8.21	2.22	1.36	0.271	1.631	6.023	1701.	49.	4.	762.8	28.2	1
2375	0	440	37.2100	89.6333	-692.7	QAL	8.28	3.44	1.34	0.415	2.556	6.159	1650.	54.	1.	762.8	28.2	1
2376	0	440	37.2098	89.6340	-692.7	QAL	8.17	2.80	1.23	0.342	2.279	6.660	1657.	50.	4.	762.8	28.1	1
2377	0	440	37.2096	89.6346	-693.5	QAL	8.68	2.19	1.68	0.252	1.304	5.170	1664.	43.	5.	763.8	28.1	1
2378	0	440	37.2094	89.6352	-693.7	QAL	7.86	2.11	1.12	0.268	1.877	7.000	1689.	47.	10.	763.8	28.1	1
2379	0	440	37.2091	89.6358	-695.7	QAL	8.13	3.04	1.38	0.374	2.206	5.900	1747.	47.	7.	762.8	28.3	1
2380	0	444	37.2089	89.6364	-696.2	QAL	6.80	2.83	1.32	0.415	2.134	5.139	1599.	29.	10.	762.3	28.3	1
2381	0	452	37.2086	89.6370	-696.7	QAL	5.37	2.93	1.08	0.546	2.725	4.990	1597.	41.	5.	762.3	28.2	1
2382	0	456	37.2084	89.6376	-696.5	QAL	8.18	3.09	1.12	0.378	2.746	7.274	1644.	42.	2.	762.8	28.2	1
2383	0	456	37.2082	89.6382	-698.7	QAL	5.22	2.62	1.21	0.502	2.165	4.313	1589.	47.	7.	763.8	28.2	1
2384	0	456	37.2079	89.6389	-700.7	QAL	7.27	2.44	1.45	0.336	1.678	4.999	1573.	47.	6.	764.3	28.1	1
2385	0	452	37.2077	89.6395	-701.0	QAL	9.42	2.86	1.40	0.303	2.039	6.723	1580.	40.	3.	762.8	28.1	1

CP 9 IP 12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2386	0	452	37.2075	89.6401	-702.7		QAL	6.82	1.76	1.74	0.258	1.014	3.928	1598.	40.	4.	761.8	28.1	1
2387	0	452	37.2072	89.6407	-704.2		QAL	9.37	2.22	1.33	0.237	1.673	7.073	1668.	30.	2.	761.8	28.1	1
2388	10	456	37.2070	89.6413	-704.2		QAL	9.18	1.52	1.27	0.0	0.0	7.258	1644.	42.	0.	762.8	28.1	1
2389	0	460	37.2068	89.6419	-705.7		QAL	9.97	2.07	0.94	0.207	2.210	10.654	1646.	46.	1.	763.8	28.1	1
2390	0	460	37.2065	89.6425	-707.5		QAL	9.86	2.81	1.27	0.285	2.206	7.736	1650.	49.	2.	763.8	28.1	1
2391	0	460	37.2063	89.6432	-710.2		QAL	6.76	2.07	1.39	0.306	1.485	4.849	1624.	47.	2.	762.8	28.1	1
2392	10	460	37.2061	89.6437	-709.2		QAL	8.31	0.98	1.27	0.0	0.0	6.549	1640.	40.	6.	761.8	28.1	1
2393	0	456	37.2059	89.6444	-709.7		QAL	9.47	1.74	1.20	0.184	1.451	7.883	1641.	38.	[illegible]	761.8	28.1	1
2394	0	464	37.2056	89.6449	-712.0		QAL	8.28	2.56	1.27	0.309	2.007	6.499	1639.	46.	4.	761.8	28.1	1
2395	0	464	37.2054	89.6456	-713.5		QAL	6.89	1.74	1.73	0.252	1.002	3.977	1694.	50.	6.	763.3	28.1	1
2396	0	468	37.2052	89.6462	-714.7		QAL	7.98	1.80	1.27	0.226	1.417	6.278	1723.	43.	8.	764.3	28.1	1
2397	10	468	37.2049	89.6468	-715.2		QAL	11.10	0.84	1.49	0.0	0.0	7.469	1689.	30.	6.	763.3	28.1	1
2398	10	464	37.2047	89.6475	-714.2		QAL	9.15	0.41	1.48	0.0	0.0	6.200	1630.	37.	5.	763.3	28.0	1
2399	10	456	37.2044	89.6480	-708.7		QAL	8.70	0.62	1.61	0.0	0.0	5.393	1636.	43.	7.	762.3	28.0	1
2400	0	424	37.2042	89.6487	-705.7		QAL	8.13	1.78	1.45	0.220	1.234	5.618	1624.	52.	3.	762.3	28.0	1
2401	0	440	37.2040	89.6492	-707.5		QAL	5.69	2.94	1.49	0.517	1.978	3.827	1652.	37.	4.	763.8	28.1	1
2402	0	448	37.2037	89.6499	-713.7		QAL	8.14	2.69	1.55	0.331	1.737	5.252	1763.	30.	2.	764.3	28.2	1
2403	0	452	37.2035	89.6505	-718.0		QAL	8.73	3.74	1.17	0.429	3.197	7.456	1763.	27.	2.	763.8	28.2	1
2404	0	456	37.2033	89.6511	-719.7		QAL	8.52	4.42	1.28	0.520	3.463	6.666	1686.	41.	0.	763.8	28.1	1
2405	0	452	37.2030	89.6518	-721.5		QAL	9.35	2.28	1.42	0.244	1.608	6.598	1728.	40.	1.	762.8	28.1	1
2406	0	448	37.2028	89.6523	-721.2		QAL	6.93	3.96	1.30	0.571	3.037	5.323	1728.	35.	0.	762.8	28.1	1
2407	0	444	37.2026	89.6530	-722.5		QAL	7.81	1.57	1.45	0.200	1.077	5.375	1666.	49.	3.	763.8	28.0	1
2408	0	436	37.2023	89.6535	-724.2		QAL	8.63	2.47	1.41	0.286	1.748	6.102	1651.	39.	4.	764.9	28.0	1
2409	0	432	37.2021	89.6542	-725.0		QAL	8.75	3.33	1.56	0.381	2.140	5.618	1757.	43.	1.	764.9	28.0	1
2410	0	428	37.2019	89.6548	-725.7		QAL	8.76	1.86	1.28	0.212	1.458	6.871	1676.	41.	0.	764.3	28.0	1
2411	0	424	37.2017	89.6554	-728.0		QAL	8.56	2.22	1.61	0.260	1.384	5.327	1705.	27.	1.	763.3	28.1	1
2412	0	424	37.2014	89.6560	-728.2		QAL	8.28	2.39	1.18	0.289	2.030	7.022	1663.	41.	0.	763.3	28.0	1
2413	0	428	37.2012	89.6566	-727.2		QAL	9.57	3.54	1.15	0.370	3.078	8.326	1719.	39.	0.	763.3	28.1	1
2414	0	432	37.2010	89.6572	-727.7		QAL	7.41	1.50	1.51	0.203	0.994	4.896	1596.	40.	1.	763.8	28.2	1
2415	0	440	37.2007	89.6578	-728.0		QAL	7.96	2.77	1.26	0.348	2.196	6.310	1736.	32.	2.	764.3	28.3	1
2416	0	448	37.2005	89.6585	-728.7		QAL	9.54	2.43	1.31	0.255	1.860	7.299	1693.	35.	1.	762.8	28.3	1
2417	0	456	37.2002	89.6590	-729.7		QAL	9.39	2.79	1.34	0.297	2.076	6.991	1704.	48.	3.	761.8	28.3	1
2418	0	460	37.2000	89.6597	-730.0		QAL	9.39	2.57	1.47	0.273	1.744	6.378	1747.	41.	3.	761.8	28.4	1
2419	0	468	37.1998	89.6604	-731.5		QAL	10.31	2.59	1.24	0.251	2.093	8.333	1679.	47.	6.	761.8	28.3	1
2420	10	468	37.1996	89.6609	-730.2		QAL	9.69	0.63	1.15	0.0	0.0	8.462	1648.	42.	8.	762.8	28.3	1
2421	10	464	37.1993	89.6615	-730.0		QAL	7.02	1.53	1.84	0.0	0.0	3.814	1739.	38.	7.	763.8	28.3	1
2422	0	460	37.1991	89.6621	-731.2		QAL	10.11	2.29	1.23	0.227	1.867	8.240	1707.	41.	7.	763.8	28.2	1
2423	0	456	37.1989	89.6628	-731.7		QAL	6.11	3.92	1.18	0.641	3.308	5.160	1663.	48.	7.	762.8	28.3	1
2424	10	456	37.1986	89.6634	-731.0		QAL	9.28	1.52	1.47	0.0	0.0	6.330	1698.	35.	7.	762.3	28.2	1
2425	0	456	37.1984	89.6640	-731.5		QAL	8.31	2.40	1.19	0.289	2.013	6.973	1747.	37.	6.	762.3	28.2	1
2426	10	456	37.1982	89.6646	-731.0		QAL	8.17	1.42	1.48	0.0	0.0	5.529	1674.	40.	5.	762.8	28.2	1
2427	0	456	37.1979	89.6652	-729.0		QAL	8.20	1.59	1.29	0.194	1.230	6.346	1739.	48.	4.	762.8	28.2	1
2428	0	456	37.1977	89.6658	-728.7		QAL	8.64	1.79	1.52	0.207	1.177	5.682	1768.	39.	7.	763.8	28.2	1
2429	0	460	37.1975	89.6664	-729.2		QAL	9.55	2.54	1.30	0.266	1.959	7.360	1678.	45.	4.	764.3	28.2	1
2430	10	460	37.1972	89.6671	-728.5		QAL	8.03	1.14	1.03	0.0	0.0	7.786	1665.	37.	10.	763.3	28.2	1
2431	0	460	37.1970	89.6676	-726.5		QAL	4.84	3.33	1.46	0.688	2.277	3.310	1639.	44.	7.	762.3	28.3	1
2432	0	456	37.1969	89.6683	-725.2		QAL	9.73	3.41	1.23	0.350	2.766	7.895	1736.	26.	5.	762.3	28.2	1
2433	10	464	37.1969	89.6691	-725.7		QAL	9.53	0.55	1.33	0.0	0.0	7.147	1630.	37.	5.	762.3	28.3	1
2434	0	468	37.1969	89.6697	-724.5		QAL	6.79	2.42	1.37	0.357	1.770	4.958	1644.	37.	5.	762.3	28.3	1
2435	0	472	37.1969	89.6704	-723.5		QAL	9.22	2.45	1.10	0.266	2.239	8.411	1739.	33.	3.	763.8	28.4	1
2436	10	476	37.1969	89.6712	-723.0		QAL	10.39	1.71	1.59	0.0	0.0	6.521	1766.	38.	3.	763.8	28.3	1
2437	0	480	37.1969	89.6718	-722.7		QAL	8.75	2.61	1.25	0.299	2.090	6.994	1698.	44.	3.	762.8	28.3	1
2438	0	480	37.1969	89.6725	-723.0		QAL	8.34	2.98	1.54	0.357	1.932	5.408	1783.	32.	3.	762.8	28.2	1

CP 9 IP 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2439	0	480	37.1969	89.6731	-721.2	QAL	9.97	2.67	1.16	0.268	2.301	8.584	1739.	35.	0.	761.8	28.2	1
2440	0	480	37.1969	89.6739	-721.0	QAL	7.13	1.80	1.33	0.253	1.352	5.346	1721.	51.	4.	760.7	28.1	1
2441	0	480	37.1968	89.6746	-717.5	QAL	9.09	1.91	1.44	0.210	1.328	6.315	1739.	36.	2.	761.8	28.1	1
2442	0	480	37.1968	89.6752	-716.7	QAL	7.16	2.13	1.13	0.298	1.882	6.321	1708.	43.	5.	763.8	28.2	1
2443	10	480	37.1968	89.6759	-716.5	QAL	8.84	0.62	1.51	0.0	0.0	5.872	1696.	47.	3.	763.8	28.2	1
2444	0	480	37.1968	89.6767	-716.5	QAL	9.42	3.25	1.52	0.345	2.140	6.207	1796.	32.	0.	763.8	28.3	1
2445	0	476	37.1968	89.6773	-714.2	QAL	7.22	2.82	1.40	0.391	2.008	5.140	1747.	39.	5.	762.8	28.2	1
2446	0	468	37.1968	89.6781	-713.5	QAL	7.04	2.14	1.66	0.304	1.292	4.251	1686.	41.	5.	762.8	28.2	1
2447	0	464	37.1967	89.6787	-712.0	QAL	7.03	2.19	1.41	0.311	1.547	4.979	1723.	35.	6.	761.8	28.2	1
2448	10	460	37.1967	89.6794	-709.5	QAL	8.10	1.10	1.46	0.0	0.0	5.536	1692.	43.	3.	761.8	28.2	1
2449	10	456	37.1967	89.6801	-707.2	QAL	7.16	1.15	1.50	0.0	0.0	4.783	1635.	52.	7.	762.8	28.2	1
2450	0	456	37.1967	89.6807	-708.0	QAL	7.87	3.03	1.50	0.385	2.026	5.257	1707.	39.	0.	763.8	28.2	1
2451	0	456	37.1967	89.6815	-705.2	QAL	7.70	3.16	1.57	0.411	2.011	4.891	1835.	54.	1.	763.8	28.3	1
2452	0	456	37.1967	89.6821	-704.2	QAL	9.75	2.10	1.39	0.215	1.511	7.022	1729.	32.	1.	763.8	28.3	1
2453	0	460	37.1967	89.6829	-702.2	QAL	8.05	3.83	1.58	0.476	2.428	5.099	1802.	44.	2.	763.8	28.6	1
2454	0	464	37.1967	89.6836	-701.2	QAL	9.24	2.72	1.53	0.294	1.780	6.058	1818.	42.	4.	763.3	29.7	1
2455	10	464	37.1967	89.6842	-699.5	QAL	9.38	1.62	1.60	0.0	0.0	5.851	1824.	46.	4.	762.3	30.1	1
2456	0	468	37.1966	89.6849	-696.7	QAL	9.62	1.66	1.38	0.172	1.198	6.951	1783.	38.	4.	761.2	30.0	1
2457	0	464	37.1966	89.6857	-696.5	QAL	7.63	2.19	1.50	0.287	1.463	5.092	1854.	38.	9.	761.2	30.3	1
2458	0	464	37.1966	89.6863	-697.0	QAL	7.95	2.87	1.38	0.362	2.088	5.771	1783.	36.	10.	762.3	30.0	1
2459	10	464	37.1966	89.6870	-694.5	QAL	7.22	1.48	1.47	0.0	0.0	4.898	1810.	42.	10.	763.3	29.0	1
2460	0	468	37.1966	89.6876	-692.2	QAL	8.54	2.03	1.48	0.237	1.372	5.782	1792.	42.	8.	764.3	28.7	1
2461	10	476	37.1966	89.6884	-691.0	QAL	7.09	1.31	1.33	0.0	0.0	5.343	1730.	44.	10.	763.8	28.9	1
2462	0	476	37.1965	89.6891	-689.7	QAL	10.46	2.83	1.23	0.270	2.297	8.502	1779.	53.	7.	762.8	28.8	1
2463	0	472	37.1965	89.6897	-688.7	QAL	8.05	3.45	1.29	0.429	2.672	6.237	1842.	31.	2.	762.8	28.7	1
2464	0	472	37.1965	89.6905	-687.7	QAL	6.53	3.48	1.22	0.532	2.855	5.362	1684.	31.	5.	760.7	28.7	1
2465	0	468	37.1965	89.6911	-686.5	QAL	10.70	3.78	1.33	0.353	2.839	8.040	1763.	37.	5.	759.7	28.6	1
2466	0	472	37.1965	89.6918	-683.5	QAL	8.82	1.61	1.19	0.183	1.353	7.390	1643.	42.	2.	760.7	28.8	1
2467	0	476	37.1965	89.6925	-683.7	QAL	6.89	2.45	1.60	0.356	1.531	4.302	1683.	40.	5.	761.8	29.0	1
2468	0	480	37.1964	89.6932	-683.0	QAL	7.92	3.01	1.52	0.379	1.983	5.227	1692.	50.	0.	761.8	28.6	1
2469	0	484	37.1964	89.6939	-681.7	QAL	8.43	2.94	1.31	0.349	2.245	6.439	1718.	41.	2.	762.8	29.2	1
2470	0	488	37.1964	89.6946	-681.5	QAL	9.42	1.86	1.69	0.198	1.104	5.589	1769.	40.	2.	763.8	30.0	1
2471	0	496	37.1964	89.6953	-681.0	QAL	7.40	3.47	0.98	0.469	3.532	7.536	1675.	47.	2.	762.8	29.3	1
2472	0	492	37.1964	89.6960	-677.2	QAL	9.97	3.28	1.41	0.329	2.329	7.082	1765.	42.	0.	762.8	28.6	1
2473	0	484	37.1964	89.6966	-676.5	QAL	9.09	4.44	1.46	0.489	3.036	6.211	1782.	38.	0.	762.8	28.8	1
2474	0	476	37.1964	89.6973	-677.2	QAL	11.48	2.80	1.44	0.244	1.950	7.984	1743.	43.	1.	761.8	28.6	1
2475	0	472	37.1964	89.6980	-677.2	QAL	9.48	3.07	1.42	0.324	2.171	6.696	1797.	34.	3.	761.8	28.5	1
2476	0	468	37.1964	89.6987	-676.5	QAL	8.51	2.30	1.56	0.271	1.474	5.445	1847.	36.	6.	761.8	28.6	1
2477	0	464	37.1964	89.6994	-675.7	QAL	8.20	2.67	1.51	0.326	1.774	5.439	1801.	40.	10.	760.7	28.5	1
2478	0	460	37.1964	89.7001	-674.5	QAL	8.56	3.01	1.40	0.352	2.146	6.101	1888.	49.	10.	761.8	28.5	1
2479	10	456	37.1963	89.7008	-673.2	QAL	10.11	0.55	1.44	0.0	0.0	6.999	1843.	35.	13.	761.8	28.4	1
2480	0	452	37.1963	89.7015	-673.5	QAL	9.89	1.81	1.42	0.183	1.276	6.960	1852.	39.	6.	760.7	28.4	1
2481	0	452	37.1963	89.7022	-673.0	QAL	8.43	4.24	1.36	0.503	3.126	6.219	1837.	25.	7.	761.8	28.4	1
2482	0	448	37.1963	89.7029	-671.5	QAL	10.28	2.04	1.40	0.198	1.460	7.365	1803.	39.	8.	762.8	28.4	1
2483	0	448	37.1963	89.7036	-672.7	QAL	9.19	2.41	1.37	0.262	1.761	6.726	1828.	42.	5.	762.8	28.4	1
2484	0	444	37.1963	89.7042	-672.0	QAL	9.89	2.73	1.35	0.276	2.023	7.337	1833.	39.	3.	762.8	28.4	1
2485	0	444	37.1962	89.7049	-670.5	QAL	9.81	2.56	1.57	0.261	1.628	6.246	1807.	48.	0.	763.8	28.4	1
2486	0	440	37.1962	89.7056	-670.5	QAL	8.11	2.86	1.21	0.352	2.361	6.699	1726.	37.	0.	763.8	28.3	1
2487	0	440	37.1962	89.7063	-669.7	QAL	7.82	2.68	1.40	0.343	1.912	5.571	1753.	32.	0.	763.8	28.4	1
2488	0	436	37.1962	89.7070	-669.7	QAL	11.84	1.97	1.43	0.166	1.374	8.267	1810.	45.	2.	763.8	28.3	1
2489	0	432	37.1962	89.7077	-669.2	QAL	7.52	1.65	1.62	0.220	1.020	4.643	1810.	44.	4.	764.3	28.4	1
2490	0	432	37.1962	89.7084	-669.5	QAL	7.20	3.73	1.56	0.518	2.395	4.626	1767.	27.	4.	764.3	28.5	1
2491	0	436	37.1962	89.7091	-666.5	QAL	10.74	2.17	1.51	0.202	1.434	7.107	1886.	43.	1.	764.3	28.6	1

CP 6 DP 12

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2492	0	444	37.1962	89.7097	-667.0	QAL	6.22	4.98	1.46	0.800	3.400	4.252	1827.	40.	0.	763.8	28.5	1
2493	0	448	37.1961	89.7105	-666.5	QAL	7.92	2.83	1.48	0.357	1.914	5.360	1796.	36.	2.	763.8	28.5	1
2494	0	448	37.1961	89.7111	-666.7	QAL	8.42	4.01	1.04	0.476	3.845	8.072	1727.	41.	0.	762.8	28.5	1
2495	0	452	37.1961	89.7118	-665.2	QAL	8.45	2.12	1.33	0.251	1.601	6.375	1662.	32.	4.	761.8	28.5	1
2496	0	448	37.1961	89.7125	-665.5	QAL	8.19	3.89	1.14	0.474	3.418	7.204	1656.	46.	2.	761.8	28.5	1
2497	0	448	37.1961	89.7132	-665.2	QAL	6.01	3.06	1.18	0.509	2.589	5.083	1607.	41.	6.	762.8	28.5	1
2498	0	452	37.1961	89.7139	-664.5	QAL	8.43	2.93	1.28	0.348	2.286	6.578	1567.	41.	5.	762.8	28.5	1
2499	0	452	37.1960	89.7146	-664.2	QAL	6.91	3.16	1.33	0.457	2.371	5.188	1592.	55.	3.	761.8	28.5	1
2500	10	452	37.1960	89.7153	-664.5	QAL	7.29	1.18	1.28	0.0	0.0	5.709	1634.	29.	8.	761.8	28.5	1
2501	0	456	37.1960	89.7160	-665.0	QAL	6.62	3.30	1.24	0.497	2.650	5.326	1659.	48.	6.	762.8	28.5	1
2502	0	456	37.1960	89.7166	-664.7	QAL	6.36	4.03	1.45	0.634	2.780	4.388	1699.	35.	2.	762.8	28.5	1
2503	10	456	37.1960	89.7173	-663.7	QAL	10.35	0.74	1.43	0.0	0.0	7.236	1700.	37.	5.	762.8	28.5	1
2504	0	456	37.1960	89.7180	-663.0	QAL	6.94	3.28	1.30	0.472	2.521	5.336	1737.	36.	4.	762.8	28.4	1
2505	0	456	37.1959	89.7187	-663.0	QAL	6.09	3.79	1.19	0.623	3.176	5.102	1684.	44.	1.	762.8	28.5	1
2506	0	456	37.1959	89.7194	-662.7	QAL	7.33	3.23	1.21	0.440	2.657	6.037	1675.	44.	0.	762.8	28.5	1
2507	0	456	37.1959	89.7201	-663.0	QAL	5.74	3.47	1.37	0.605	2.527	4.176	1676.	33.	0.	763.8	28.5	1
2508	0	456	37.1959	89.7208	-662.5	QAL	8.24	2.98	1.36	0.362	2.190	6.049	1594.	43.	0.	762.8	28.6	1
2509	0	456	37.1959	89.7215	-661.2	QAL	7.25	3.01	1.28	0.416	2.352	5.655	1692.	30.	0.	761.8	28.7	1
2510	0	460	37.1959	89.7222	-660.7	QAL	5.90	3.89	1.21	0.660	3.208	4.862	1626.	44.	0.	762.8	28.7	1
2511	0	464	37.1958	89.7229	-661.0	QAL	8.48	1.61	1.42	0.189	1.134	5.985	1657.	43.	0.	763.8	28.7	1
2512	0	468	37.1958	89.7235	-660.5	QAL	5.85	3.80	1.12	0.650	3.405	5.240	1576.	39.	2.	763.8	28.7	1
2513	0	468	37.1958	89.7242	-660.7	QAL	8.45	3.70	1.57	0.438	2.358	5.381	1593.	45.	3.	763.8	28.7	1
2514	0	472	37.1958	89.7249	-661.0	QAL	8.51	1.99	1.42	0.234	1.401	5.999	1649.	44.	3.	763.8	28.6	1
2515	10	472	37.1958	89.7256	-659.5	QAL	8.32	0.75	1.27	0.0	0.0	6.527	1570.	34.	12.	763.8	28.7	1
2516	0	468	37.1958	89.7263	-659.0	QAL	9.83	2.64	1.47	0.268	1.798	6.706	1587.	32.	8.	763.8	28.6	1
2517	0	468	37.1958	89.7270	-657.2	QAL	7.09	1.87	1.24	0.264	1.512	5.722	1598.	40.	13.	763.8	28.7	1
2518	0	468	37.1958	89.7277	-657.0	QAL	5.07	3.23	1.35	0.639	2.401	3.760	1518.	44.	9.	763.8	28.6	1
2519	0	464	37.1958	89.7284	-657.5	QAL	5.85	2.53	1.18	0.433	2.149	4.965	1529.	34.	11.	763.8	28.6	1
2520	0	464	37.1958	89.7290	-656.7	QAL	6.56	2.12	1.34	0.323	1.584	4.909	1542.	37.	9.	762.8	28.6	1
2521	0	468	37.1957	89.7297	-655.0	QAL	6.44	4.16	1.38	0.646	3.013	4.667	1632.	30.	8.	762.8	28.7	1
2522	0	468	37.1957	89.7305	-654.5	QAL	4.54	2.37	1.28	0.522	1.860	3.561	1469.	49.	6.	762.8	28.6	1
2523	0	472	37.1957	89.7311	-653.7	QAL	6.63	1.67	1.47	0.252	1.137	4.512	1560.	40.	7.	762.8	28.6	1
2524	10	472	37.1957	89.7318	-652.0	QAL	6.60	1.13	1.39	0.0	0.0	4.747	1439.	40.	5.	762.8	28.7	1
2525	10	476	37.1957	89.7325	-650.5	QAL	5.89	1.17	1.31	0.0	0.0	4.486	1555.	44.	5.	762.3	28.7	1
2526	0	476	37.1957	89.7332	-648.0	QAL	3.97	2.62	1.30	0.661	2.016	3.051	1441.	44.	6.	762.3	28.8	1
2527	10	484	37.1957	89.7339	-644.2	QAL	7.04	0.86	1.21	0.0	0.0	5.838	1477.	52.	5.	762.8	28.7	1
2528	0	488	37.1957	89.7345	-641.0	QAL	5.10	2.52	1.42	0.494	1.768	3.582	1480.	47.	3.	762.8	28.7	1
2529	0	488	37.1957	89.7353	-638.7	QAL	4.76	3.89	1.15	0.817	3.378	4.135	1409.	43.	3.	762.8	28.6	1
2530	0	500	37.1956	89.7360	-639.2	QAL	5.83	2.91	0.92	0.500	3.158	6.320	1412.	41.	2.	762.8	28.6	1
2531	0	500	37.1956	89.7366	-642.0	QAL	5.39	4.45	1.02	0.826	4.345	5.261	1337.	37.	1.	761.8	28.6	1
2532	0	508	37.1956	89.7374	-641.0	QAL	6.64	2.14	1.13	0.322	1.898	5.892	1355.	46.	0.	759.7	28.6	1
2533	10	516	37.1956	89.7380	-640.0	QAL	6.53	0.84	1.10	0.0	0.0	5.912	1381.	46.	4.	758.7	28.5	1
2534	0	524	37.1956	89.7387	-638.0	QAL	6.09	3.40	0.94	0.558	3.599	6.454	1391.	36.	0.	759.7	28.5	1
2535	0	524	37.1956	89.7394	-636.2	QAL	3.96	2.03	1.34	0.513	1.517	2.956	1297.	40.	1.	759.7	28.4	1
2536	0	528	37.1955	89.7401	-635.5	QAL	6.37	2.12	1.10	0.333	1.932	5.802	1387.	34.	1.	759.7	28.4	1
2537	0	528	37.1955	89.7408	-636.5	QAL	5.36	3.18	1.03	0.592	3.098	5.229	1411.	38.	2.	759.7	28.3	1
2538	0	524	37.1955	89.7415	-636.7	QAL	6.34	5.10	1.15	0.805	4.435	5.511	1515.	38.	2.	760.7	28.3	1
2539	0	520	37.1955	89.7422	-637.0	QAL	7.37	2.28	1.06	0.309	2.147	6.951	1449.	33.	3.	761.8	28.2	1
2540	0	512	37.1955	89.7429	-636.7	QAL	7.29	2.40	1.49	0.329	1.612	4.900	1504.	35.	3.	761.8	28.2	1
2541	0	504	37.1955	89.7435	-636.0	QAL	6.36	2.97	1.34	0.467	2.222	4.760	1548.	35.	4.	762.8	28.2	1
2542	0	496	37.1954	89.7442	-634.7	QAL	6.19	2.99	1.17	0.483	2.553	5.281	1614.	32.	3.	762.8	28.2	1
2543	0	484	37.1954	89.7449	-634.5	QAL	9.23	4.21	1.07	0.456	3.915	8.586	1543.	39.	0.	761.8	28.2	1
2544	10	480	37.1954	89.7456	-633.0	QAL	6.93	1.33	1.39	0.0	0.0	4.996	1575.	37.	1.	761.8	28.2	1

CP9 1P12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2545	0	476	37.1954	89.7463	-630.5		QAL	5.00	2.96	1.06	0.592	2.804	4.736	1463.	44.	1.	761.8	28.2	1
2546	0	472	37.1954	89.7470	-630.0		QAL	6.72	1.51	1.29	0.224	1.163	5.193	1417.	31.	0.	760.7	28.2	1
2547	0	472	37.1954	89.7477	-629.2		QAL	5.12	2.52	1.20	0.491	2.088	4.254	1451.	51.	0.	760.7	28.3	1
2548	0	476	37.1953	89.7484	-630.2		QAL	6.49	1.58	1.29	0.243	1.228	5.050	1395.	34.	2.	760.7	28.3	1
2549	10	480	37.1953	89.7490	-629.2		QAL	6.11	1.16	1.16	0.0	0.0	5.259	1391.	33.	1.	759.7	28.4	1
2550	10	476	37.1953	89.7497	-626.5		QAL	6.96	0.55	1.48	0.0	0.0	4.711	1369.	45.	5.	760.7	28.4	1
2551	0	468	37.1953	89.7505	-625.5		QAL	6.96	2.13	1.10	0.306	1.933	6.326	1414.	32.	3.	760.7	28.4	1
2552	0	384	37.1953	89.7511	-626.5		QAL	6.05	2.99	0.86	0.494	3.485	7.058	1281.	34.	0.	760.7	28.3	1
2553	10	332	37.1953	89.7518	-625.7		OJC	4.96	0.94	1.09	0.0	0.0	4.530	1189.	36.	7.	761.8	28.4	1
2554	0	336	37.1953	89.7525	-624.7		OJC	4.74	2.07	0.83	0.437	2.494	5.704	1260.	29.	5.	762.3	28.4	1
2555	0	380	37.1953	89.7532	-625.7		OJC	5.92	2.32	1.05	0.392	2.206	5.627	1236.	39.	5.	761.2	28.3	1
2556	0	436	37.1953	89.7539	-625.2		OJC	4.83	1.89	1.10	0.392	1.716	4.380	1362.	42.	10.	761.2	28.3	1
2557	10	508	37.1952	89.7545	-624.2		OJC	4.74	1.48	1.45	0.0	0.0	3.277	1439.	51.	12.	761.2	28.3	1
2558	10	504	37.1952	89.7553	-622.7		OJC	7.24	-0.20	1.46	0.0	0.0	4.949	1488.	41.	12.	760.7	28.2	1
2559	0	464	37.1952	89.7560	-620.5		OJC	5.01	1.76	1.05	0.352	1.677	4.770	1379.	38.	9.	759.7	28.2	1
2560	0	476	37.1952	89.7566	-620.0		OJC	5.30	1.98	1.22	0.373	1.623	4.347	1365.	41.	11.	758.7	28.2	1
2561	0	484	37.1952	89.7573	-618.2		OJC	8.08	1.87	1.20	0.232	1.567	6.758	1418.	36.	9.	758.7	28.2	1
2562	10	468	37.1952	89.7580	-619.0		OJC	6.57	0.54	1.15	0.0	0.0	5.710	1308.	56.	8.	758.7	28.1	1
2563	10	440	37.1952	89.7587	-620.5		OJC	5.09	0.84	0.95	0.0	0.0	5.335	1275.	46.	6.	759.7	28.1	1
2564	0	424	37.1952	89.7595	-620.7		OJC	5.39	1.88	1.01	0.348	1.861	5.349	1279.	34.	2.	760.7	28.1	1
2565	0	396	37.1952	89.7601	-619.0		OJC	3.42	3.51	1.18	1.029	2.989	2.905	1342.	40.	1.	761.8	28.2	1
2566	0	348	37.1951	89.7608	-618.2		OJC	4.64	1.71	0.84	0.368	2.039	5.543	1176.	31.	4.	761.8	28.1	1
2567	0	336	37.1951	89.7614	-617.5		OJC	5.94	2.07	0.97	0.348	2.139	6.144	1257.	39.	2.	761.8	28.1	1
2568	0	332	37.1951	89.7622	-615.7		OJC	6.88	1.92	0.90	0.279	2.124	7.621	1229.	33.	4.	760.7	28.0	1
2569	0	344	37.1951	89.7629	-615.2		OJC	3.54	2.42	0.94	0.684	2.567	3.755	1258.	45.	0.	759.7	28.1	1
2570	0	364	37.1951	89.7635	-614.5		OJC	4.35	1.96	1.16	0.450	1.688	3.752	1367.	38.	5.	759.2	28.1	1
2571	10	348	37.1951	89.7643	-612.2		OJC	5.48	0.79	1.28	0.0	0.0	4.297	1325.	39.	6.	759.2	28.1	1
2572	0	356	37.1951	89.7650	-613.0		OJC	5.69	3.77	0.68	0.662	5.544	8.370	1285.	33.	4.	759.2	28.1	1
2573	0	376	37.1950	89.7656	-610.5		OJC	5.56	1.58	1.14	0.284	1.386	4.878	1317.	42.	7.	760.2	28.1	1
2574	0	384	37.1950	89.7664	-609.0		OJC	5.41	1.56	0.83	0.288	1.877	6.507	1326.	42.	9.	760.7	28.1	1
2575	10	388	37.1950	89.7670	-609.5		OJC	6.39	1.05	0.90	0.0	0.0	7.124	1319.	46.	9.	760.7	28.1	1
2576	10	392	37.1950	89.7677	-608.7		OJC	5.64	1.14	1.06	0.0	0.0	5.335	1167.	49.	9.	760.7	28.1	1
2577	0	412	37.1950	89.7684	-607.2		OJC	6.05	2.01	0.94	0.333	2.137	6.419	1345.	33.	7.	759.7	28.1	1
2578	10	456	37.1950	89.7690	-608.7		OJC	4.76	-0.25	1.05	0.0	0.0	4.516	1253.	44.	13.	758.7	28.0	1
2579	0	492	37.1949	89.7698	-606.5		OJC	5.99	2.59	1.07	0.432	2.417	5.589	1361.	43.	9.	757.6	27.9	1
2580	10	456	37.1949	89.7704	-604.7		OJC	7.80	0.88	1.11	0.0	0.0	7.036	1348.	32.	7.	757.6	27.9	1
2581	0	420	37.1949	89.7712	-604.2		OJC	5.11	1.75	0.88	0.342	1.996	5.842	1246.	41.	5.	757.6	27.9	1
2582	0	404	37.1949	89.7719	-602.5		OJC	4.26	2.85	1.01	0.668	2.814	4.210	1286.	39.	5.	758.7	27.9	1
2583	0	416	37.1949	89.7725	-601.2		OJC	4.12	1.36	0.96	0.331	1.423	4.302	1255.	49.	7.	758.7	27.9	1
2584	0	444	37.1949	89.7732	-601.0		OJC	5.37	2.51	1.02	0.467	2.450	5.251	1341.	52.	1.	758.7	27.9	1
2585	0	448	37.1948	89.7739	-599.2		OJC	5.19	1.40	1.19	0.270	1.174	4.350	1359.	37.	4.	759.7	27.9	1
2586	0	432	37.1948	89.7746	-597.7		OJC	3.77	3.08	0.97	0.818	3.181	3.890	1261.	35.	0.	758.7	27.9	1
2587	0	428	37.1948	89.7753	-596.2		OJC	5.71	1.55	1.05	0.272	1.482	5.456	1341.	47.	1.	757.6	27.9	1
2588	0	408	37.1948	89.7759	-595.5		OJC	2.83	3.12	0.94	1.102	3.324	3.015	1339.	41.	2.	757.6	27.8	1
2589	0	400	37.1948	89.7767	-594.0		OJC	5.32	3.93	1.00	0.740	3.945	5.333	1398.	33.	0.	757.6	27.9	1
2590	0	408	37.1948	89.7774	-592.0		OJC	4.91	2.74	0.92	0.557	2.968	5.326	1273.	37.	6.	757.6	27.9	1
2591	0	408	37.1947	89.7780	-592.0		OJC	4.62	2.16	1.10	0.468	1.974	4.217	1313.	44.	5.	758.1	28.0	1
2592	0	424	37.1947	89.7788	-591.0		OJC	5.35	1.66	1.09	0.311	1.526	4.913	1384.	36.	12.	759.2	28.0	1
2593	10	436	37.1947	89.7794	-588.5		OJC	7.01	1.39	1.00	0.0	0.0	7.031	1386.	36.	12.	759.2	28.0	1
2594	0	460	37.1947	89.7801	-587.7		OJC	4.80	2.25	1.04	0.468	2.159	4.612	1398.	38.	13.	758.1	27.9	1
2595	10	464	37.1947	89.7808	-587.5		OJC	5.69	0.74	1.14	0.0	0.0	4.979	1283.	45.	12.	757.6	27.9	1
2596	10	452	37.1947	89.7815	-587.0		OJC	5.86	-0.14	1.01	0.0	0.0	5.812	1337.	35.	11.	758.7	27.9	1
2597	0	452	37.1947	89.7822	-585.0		OJC	4.17	1.85	1.02	0.443	1.807	4.074	1320.	37.	11.	758.7	27.9	1

CP 9 IP 12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2598	10	472	37.1947	89.7829	-582.7		OJC	6.74	0.22	1.15	0.0	0.0	5.852	1302.	40.	10.	758.7	27.9	1
2599	0	472	37.1947	89.7836	-581.2		OJC	6.30	2.14	1.04	0.340	2.054	6.042	1364.	37.	6.	758.7	27.9	1
2600	0	472	37.1946	89.7843	-580.5		OJC	5.49	2.66	0.99	0.484	2.681	5.538	1337.	46.	6.	757.6	27.8	1
2601	0	496	37.1946	89.7849	-578.7		OJC	5.36	2.13	0.98	0.398	2.170	5.454	1407.	47.	3.	757.6	27.8	1
2602	10	512	37.1946	89.7856	-577.5		OJC	8.99	1.68	1.04	0.0	0.0	8.655	1525.	41.	4.	758.7	27.8	1
2603	0	496	37.1946	89.7863	-578.0		OJC	5.40	2.42	1.18	0.449	2.057	4.585	1482.	41.	4.	759.7	27.9	1
2604	0	452	37.1946	89.7870	-576.2		OJC	8.70	2.91	0.96	0.335	3.042	9.081	1536.	32.	2.	759.7	27.9	1
2605	10	472	37.1945	89.7877	-575.0		QAL	7.61	1.44	1.30	0.0	0.0	5.863	1575.	41.	4.	758.7	28.0	1
2606	10	448	37.1945	89.7884	-573.2		QAL	10.36	0.39	1.31	0.0	0.0	7.905	1549.	42.	7.	758.7	28.1	1
2607	0	460	37.1945	89.7891	-573.0		QAL	7.81	3.69	1.26	0.472	2.929	6.199	1608.	38.	5.	758.7	28.2	1
2608	10	440	37.1945	89.7898	-572.2		QAL	7.47	0.70	1.32	0.0	0.0	5.647	1474.	43.	8.	760.2	28.4	1
2609	0	432	37.1945	89.7904	-572.0		QAL	7.86	2.02	1.17	0.257	1.719	6.693	1490.	45.	6.	761.2	28.5	1
2610	0	456	37.1945	89.7912	-570.5		QAL	7.10	3.47	1.30	0.488	2.669	5.472	1495.	32.	3.	759.2	28.7	1
2611	10	488	37.1945	89.7919	-570.2		QAL	6.87	1.55	1.23	0.0	0.0	5.586	1483.	47.	6.	758.1	28.8	1
2612	0	488	37.1945	89.7925	-570.7		QAL	6.48	5.35	0.91	0.826	5.896	7.139	1515.	35.	2.	759.7	28.7	1
2613	0	508	37.1945	89.7932	-569.2		QAL	7.42	3.24	1.43	0.436	2.258	5.177	1667.	39.	3.	760.7	28.6	1
2614	0	504	37.1945	89.7939	-570.2		QAL	5.11	2.56	1.30	0.502	1.978	3.943	1517.	44.	7.	759.7	28.5	1
2615	0	436	37.1945	89.7946	-570.5		QAL	5.71	2.53	1.23	0.443	2.061	4.654	1447.	35.	4.	758.7	28.5	1
2616	10	428	37.1944	89.7953	-571.0		QAL	8.06	0.97	1.24	0.0	0.0	6.522	1407.	46.	7.	760.2	28.4	1
2617	0	424	37.1944	89.7960	-572.7		QAL	5.20	1.73	1.26	0.334	1.381	4.141	1415.	49.	7.	761.2	28.4	1
2618	10	416	37.1944	89.7967	-573.5		QAL	8.00	0.85	0.83	0.0	0.0	9.631	1360.	32.	11.	759.2	28.3	1
2619	0	420	37.1944	89.7974	-574.2		QAL	7.06	1.62	0.92	0.229	1.762	7.689	1387.	53.	10.	759.2	28.3	1
2620	0	420	37.1944	89.7980	-574.7		QAL	7.29	2.47	1.33	0.339	1.856	5.474	1469.	40.	10.	760.7	28.3	1
2621	10	416	37.1944	89.7988	-575.5		QAL	6.67	1.31	0.99	0.0	0.0	6.762	1491.	55.	13.	758.7	28.5	1
2622	0	424	37.1943	89.7994	-577.5		QAL	7.99	1.66	0.99	0.208	1.675	8.043	1477.	53.	11.	758.7	28.5	1
2623	10	432	37.1943	89.8001	-579.5		QAL	7.49	0.30	1.32	0.0	0.0	5.679	1551.	48.	14.	761.8	28.5	1
2624	0	472	37.1943	89.8008	-580.7		QAL	8.61	2.67	1.35	0.311	1.975	6.357	1731.	38.	11.	760.7	28.4	1
2625	0	464	37.1943	89.8015	-582.5		QAL	8.19	1.97	1.67	0.240	1.177	4.901	1754.	34.	7.	760.7	28.4	1
2626	0	456	37.1943	89.8022	-584.7		QAL	8.06	2.52	1.03	0.313	2.445	7.819	1723.	43.	6.	761.2	28.4	1
2627	0	444	37.1943	89.8029	-585.2		QAL	9.00	3.18	1.43	0.353	2.227	6.301	1712.	44.	2.	759.7	28.5	1
2628	0	436	37.1942	89.8036	-586.0		QAL	6.20	3.12	1.61	0.504	1.943	3.857	1726.	28.	0.	761.8	28.4	1
2629	0	420	37.1942	89.8043	-586.2		QAL	7.04	3.72	1.28	0.528	2.901	5.491	1639.	48.	1.	762.8	28.5	1
2630	0	424	37.1942	89.8049	-592.0		QAL	7.50	3.30	1.30	0.440	2.537	5.772	1662.	44.	0.	760.7	28.5	1
2631	0	424	37.1942	89.8056	-597.2		QAL	7.50	2.82	1.41	0.376	2.001	5.316	1597.	46.	0.	762.8	28.5	1
2632	0	420	37.1942	89.8064	-600.5		QAL	7.75	2.70	1.48	0.349	1.826	5.241	1590.	40.	0.	763.8	28.5	1
2633	0	416	37.1942	89.8070	-602.0		QAL	8.24	1.72	1.10	0.209	1.561	7.469	1610.	41.	3.	761.8	28.6	1
2634	0	416	37.1941	89.8077	-603.5		QAL	6.12	2.88	1.20	0.470	2.405	5.113	1668.	40.	1.	761.8	28.6	1
2635	0	412	37.1941	89.808	-606.0		QAL	7.35	3.95	1.15	0.537	3.442	6.407	1622.	38.	0.	761.8	28.7	1
2636	0	412	37.1941	89.8	-609.0		QAL	8.28	2.52	1.17	0.305	2.158	7.088	1632.	40.	2.	761.2	28.8	1
2637	0	416	37.1941	89.	-610.5		QAL	8.51	3.12	1.26	0.366	2.470	6.740	1564.	44.	0.	762.8	28.8	1
2638	0	424	37.1941	89.8	-613.0		QAL	5.35	3.63	1.52	0.679	2.391	3.521	1688.	38.	3.	762.8	28.8	1
2639	0	432	37.1941	89.8112	-616.7		QAL	7.10	2.16	1.38	0.305	1.571	5.150	1683.	41.	8.	762.3	28.8	1
2640	0	436	37.1941	89.8118	-620.2		QAL	7.58	1.64	1.27	0.216	1.286	5.961	1608.	40.	8.	761.8	28.8	1
2641	0	432	37.1941	89.8126	-621.5		QAL	7.50	3.77	1.59	0.502	2.364	4.708	1695.	43.	2.	761.2	28.8	1
2642	0	436	37.1941	89.8133	-624.0		QAL	8.49	2.23	1.20	0.263	1.862	7.084	1686.	36.	8.	762.3	28.7	1
2643	0	440	37.1941	89.8140	-627.0		QAL	7.03	3.27	1.28	0.465	2.560	5.504	1660.	35.	9.	762.3	28.6	1
2644	0	440	37.1941	89.8148	-629.0		QAL	7.25	2.25	1.47	0.311	1.533	4.934	1750.	39.	9.	762.8	28.5	1
2645	0	436	37.1941	89.8155	-630.5		QAL	7.09	2.01	1.34	0.284	1.506	5.307	1661.	30.	9.	762.8	28.5	1
2646	0	432	37.1941	89.8162	-633.5		QAL	7.30	3.28	1.20	0.450	2.739	6.086	1690.	39.	6.	761.2	28.5	1
2647	0	432	37.1941	89.8169	-637.0		QAL	5.81	3.32	1.54	0.571	2.151	3.765	1677.	45.	5.	761.8	28.5	1
2648	0	436	37.1940	89.8176	-637.2		QAL	8.83	2.71	1.17	0.307	2.308	7.526	1742.	40.	6.	762.3	28.5	1
2649	0	440	37.1940	89.8183	-638.7		QAL	8.35	2.80	1.39	0.335	2.023	6.031	1626.	40.	5.	761.8	28.7	1
2650	10	444	37.1941	89.8190	-641.7		QAL	9.49	1.27	1.42	0.0	0.0	6.690	1679.	31.	5.	762.8	28.7	1

CP9 IP12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2651	0	448	37.1941	89.8198	-644.0	QAL	9.65	1.63	1.25	0.169	1.308	7.733	1632.	44.	3.	761.2	28.6	1
2652	0	448	37.1941	89.8205	-644.5	QAL	6.70	3.50	0.77	0.523	4.570	8.737	1568.	43.	5.	761.2	28.6	1
2653	0	448	37.1941	89.8212	-646.7	QAL	5.33	1.82	1.16	0.341	1.567	4.590	1653.	47.	9.	762.8	28.6	1
2654	0	452	37.1941	89.8219	-648.7	QAL	7.75	2.50	1.18	0.322	2.124	6.593	1608.	40.	7.	762.3	28.5	1
2655	10	456	37.1941	89.8226	-650.7	QAL	8.17	1.51	1.30	0.0	0.0	6.280	1625.	35.	10.	761.8	28.6	1
2656	0	460	37.1941	89.8233	-651.2	QAL	8.60	2.57	1.38	0.299	1.866	6.244	1678.	32.	6.	761.2	28.7	1
2657	0	468	37.1941	89.8241	-652.5	QAL	7.57	1.72	1.48	0.228	1.163	5.112	1710.	27.	8.	761.2	28.6	1
2658	0	472	37.1941	89.8248	-652.5	QAL	8.75	1.79	1.46	0.205	1.227	5.992	1710.	39.	8.	761.8	28.5	1
2659	0	476	37.1941	89.8255	-653.5	QAL	6.72	2.32	1.57	0.345	1.471	4.266	1731.	32.	7.	761.2	28.5	1
2660	0	472	37.1941	89.8262	-654.7	QAL	7.20	1.87	1.30	0.260	1.443	5.543	1650.	46.	7.	761.2	28.5	1
2661	10	472	37.1941	89.8270	-655.7	QAL	8.39	0.75	1.42	0.0	0.0	5.894	1699.	45.	5.	761.8	28.5	1
2662	0	468	37.1941	89.8277	-656.2	QAL	6.00	4.01	1.41	0.668	2.839	4.248	1720.	40.	6.	761.2	28.4	1
2663	0	464	37.1941	89.8284	-657.2	QAL	6.82	1.92	1.51	0.281	1.270	4.523	1592.	48.	6.	761.8	28.4	1
2664	0	464	37.1941	89.8291	-658.5	QAL	9.48	2.06	1.51	0.217	1.365	6.295	1735.	44.	6.	761.8	28.4	1
2665	0	460	37.1941	89.8299	-660.0	QAL	7.94	4.16	1.37	0.524	3.038	5.795	1667.	46.	2.	761.2	28.4	1
2666	10	460	37.1941	89.8306	-659.5	QAL	8.44	0.75	1.45	0.0	0.0	5.823	1684.	39.	6.	762.3	28.3	1
2667	0	456	37.1941	89.8313	-659.7	QAL	7.71	2.44	1.33	0.316	1.838	5.820	1663.	39.	3.	762.3	28.3	1
2668	0	452	37.1941	89.8320	-659.2	QAL	6.27	3.93	1.25	0.626	3.146	5.022	1774.	29.	3.	761.8	28.3	1
2669	0	448	37.1941	89.8327	-660.7	QAL	8.49	4.12	1.43	0.635	2.886	4.549	1662.	35.	1.	762.3	28.4	1
2670	0	444	37.1941	89.8335	-661.7	QAL	10.10	1.99	1.42	0.197	1.403	7.105	1725.	29.	5.	761.8	28.3	1
2671	0	440	37.1941	89.8342	-661.7	QAL	6.62	4.16	1.35	0.629	3.083	4.901	1759.	34.	4.	762.3	28.4	1
2672	0	436	37.1941	89.8349	-661.7	QAL	9.16	2.07	1.43	0.226	1.449	6.401	1658.	35.	6.	762.8	28.4	1
2673	0	432	37.1941	89.8356	-661.7	QAL	8.20	2.02	1.41	0.247	1.429	5.796	1637.	38.	5.	762.8	28.4	1
2674	0	432	37.1941	89.8363	-662.5	QAL	7.37	4.92	1.32	0.667	3.711	5.564	1612.	39.	3.	762.8	28.3	1
2675	0	428	37.1941	89.8371	-663.0	QAL	6.86	2.64	1.15	0.385	2.305	5.985	1590.	52.	6.	762.8	28.4	1
2676	0	428	37.1941	89.8378	-662.7	QAL	6.18	2.51	1.05	0.406	2.382	5.865	1765.	31.	8.	762.8	28.3	1
2677	10	428	37.1942	89.8385	-663.5	QAL	7.72	1.47	1.34	0.0	0.0	5.766	1633.	36.	5.	762.8	28.4	1
2678	0	428	37.1941	89.8392	-664.5	QAL	7.25	2.88	1.33	0.397	2.160	5.436	1739.	30.	6.	762.8	28.4	1
2679	0	432	37.1941	89.8400	-664.2	QAL	7.94	3.85	1.30	0.484	2.968	6.129	1711.	43.	5.	762.8	28.4	1
2680	0	432	37.1941	89.8407	-664.2	QAL	6.11	3.51	1.33	0.575	2.645	4.600	1732.	37.	6.	762.8	28.3	1
2681	0	432	37.1941	89.8414	-665.0	QAL	6.08	2.74	1.33	0.450	2.055	4.563	1613.	40.	10.	762.8	28.4	1
2682	0	432	37.1941	89.8421	-666.0	QAL	7.55	3.13	1.02	0.414	3.070	7.414	1631.	39.	6.	762.8	28.4	1
2683	0	440	37.1941	89.8428	-666.5	QAL	5.88	1.65	1.37	0.282	1.207	4.287	1695.	40.	11.	762.8	28.5	1
2684	0	452	37.1941	89.8435	-667.0	QAL	7.99	2.15	1.31	0.270	1.649	6.115	1719.	32.	11.	762.3	28.6	1
2685	0	460	37.1941	89.8442	-666.5	QAL	6.57	2.01	1.61	0.307	1.250	4.073	1665.	50.	12.	761.8	28.6	1
2686	0	464	37.1941	89.8449	-667.7	QAL	6.50	2.54	1.31	0.391	1.942	4.972	1601.	51.	10.	761.8	28.5	1
2687	0	472	37.1942	89.8457	-669.0	QAL	6.71	3.11	1.50	0.463	2.069	4.469	1620.	51.	8.	762.3	28.5	1
2688	0	468	37.1942	89.8464	-669.0	QAL	5.84	3.68	1.43	0.630	2.573	4.088	1688.	33.	6.	761.8	28.5	1
2689	0	468	37.1941	89.8471	-669.7	QAL	7.51	3.10	1.45	0.413	2.133	5.164	1701.	36.	1.	761.8	28.5	1
2690	0	468	37.1941	89.8479	-671.0	QAL	8.62	1.93	1.45	0.224	1.337	5.959	1636.	46.	7.	762.3	28.5	1
2691	0	472	37.1941	89.8486	-671.7	QAL	5.49	4.66	1.01	0.848	4.602	5.424	1551.	49.	3.	762.3	28.5	1
2692	0	476	37.1941	89.8493	-671.7	QAL	9.42	3.01	1.39	0.320	2.165	6.772	1644.	38.	5.	762.3	28.5	1
2693	0	476	37.1941	89.8501	-672.5	QAL	7.11	2.65	1.48	0.373	1.796	4.816	1567.	35.	4.	761.2	28.5	1
2694	0	472	37.1941	89.8508	-673.5	QAL	6.26	3.16	1.13	0.505	2.785	5.513	1591.	32.	8.	760.7	28.5	1
2695	0	468	37.1941	89.8515	-674.5	QAL	7.41	1.85	1.12	0.249	1.649	6.617	1502.	44.	8.	761.2	28.5	1
2696	0	464	37.1942	89.8522	-676.2	QAL	6.13	1.61	1.12	0.262	1.436	5.472	1472.	33.	4.	762.3	28.5	1
2697	0	464	37.1942	89.8529	-679.2	QAL	6.77	3.76	1.07	0.556	3.531	6.352	1508.	50.	4.	761.2	28.5	1
2698	0	460	37.1942	89.8536	-680.7	QAL	5.96	1.99	1.04	0.334	1.916	5.742	1297.	44.	5.	761.2	28.5	1
2699	0	460	37.1941	89.8543	-682.2	QAL	4.30	2.04	0.94	0.474	2.169	4.572	1277.	45.	2.	762.3	28.5	1
2700	0	460	37.1941	89.8551	-684.5	QAL	6.61	3.70	0.87	0.560	4.270	7.620	1282.	29.	0.	762.3	28.5	1
2701	0	464	37.1941	89.8558	-684.2	QAL	4.39	3.59	1.04	0.819	3.469	4.236	1288.	48.	0.	761.8	28.6	1
2702	0	468	37.1941	89.8565	-686.7	QAL	5.65	2.81	0.90	0.497	3.139	6.311	1391.	35.	1.	761.8	28.6	1
2703	0	472	37.1941	89.8572	-690.0	QAL	5.40	2.39	1.21	0.442	1.978	4.474	1456.	33.	1.	761.2	28.6	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2704	0	472	37.1941	89.8579	-690.2		QAL	7.57	2.41	1.31	0.319	1.843	5.778	1529.	41.	0.	761.2	28.6	1
2705	0	468	37.1942	89.8587	-691.5		QAL	8.48	2.36	1.23	0.278	1.920	6.907	1495.	39.	2.	761.2	28.6	1
2706	0	460	37.1942	89.8594	-694.7		QAL	5.46	2.03	1.11	0.371	1.826	4.916	1415.	34.	5.	760.2	28.6	1
2707	0	452	37.1942	89.8601	-696.2		QAL	5.21	2.37	1.46	0.456	1.629	3.575	1434.	45.	4.	761.2	28.8	1
2708	0	468	37.1942	89.8608	-698.0		QAL	6.78	2.35	1.12	0.347	2.108	6.073	1510.	33.	5.	762.3	28.8	1
2709	0	472	37.1942	89.8615	-699.0		QAL	6.08	4.34	1.07	0.715	4.049	5.664	1538.	37.	3.	761.8	28.8	1
2710	0	468	37.1941	89.8622	-701.0		QAL	8.13	1.86	1.08	0.228	1.716	7.517	1551.	42.	7.	761.2	28.6	1
2711	0	468	37.1941	89.8630	-703.7		QAL	7.82	3.21	0.93	0.411	3.472	8.450	1590.	47.	8.	761.2	28.6	1
2712	0	464	37.1941	89.8637	-705.0		QAL	7.93	5.04	0.89	0.636	5.649	8.881	1700.	44.	7.	761.8	28.5	1
2713	0	456	37.1941	89.8644	-704.5		QAL	7.83	3.12	1.08	0.39?	?.901	7.280	1624.	44.	5.	761.8	28.5	1
2714	0	452	37.1942	89.8652	-707.5		QAL	6.04	3.72	0.91	0.616	?.106	6.666	1666.	48.	10.	761.8	28.5	1
2715	0	448	37.1942	89.8659	-708.7		QAL	5.63	3.56	1.42	0.633	2.516	3.976	1636.	38.	8.	762.3	28.5	1
2716	0	444	37.1942	89.8666	-710.2		QAL	7.94	3.17	1.30	0.399	2.436	6.106	1644.	38.	8.	762.3	28.5	1
2717	0	440	37.1942	89.8673	-711.2		QAL	10.23	2.53	1.20	0.247	2.117	8.556	1667.	29.	5.	762.3	28.5	1
2718	0	440	37.1942	89.8680	-712.7		QAL	3.83	2.57	1.12	0.671	2.291	3.412	1554.	55.	9.	761.8	28.4	1
2719	0	444	37.1942	89.8687	-714.7		OJC	6.20	3.17	1.51	0.511	2.098	4.106	1631.	44.	6.	761.8	28.4	1
2720	0	448	37.1942	89.8695	-715.2		OJC	6.21	2.07	1.15	0.333	1.803	5.418	1514.	45.	8.	762.3	28.4	1
2721	0	456	37.1941	89.8702	-716.5		OJC	6.31	4.08	0.77	0.647	5.322	8.223	1493.	51.	8.	761.8	28.4	1
2722	10	460	37.1941	89.8709	-718.7		OJC	5.25	1.32	1.77	0.0	0.0	2.969	1555.	57.	5.	761.2	28.4	1
2723	0	460	37.1942	89.8717	-719.0		OJC	7.32	2.81	1.00	0.384	2.815	7.334	1632.	39.	6.	761.2	28.4	1
2724	0	464	37.1942	89.8724	-719.7		OJC	6.70	2.19	1.19	0.326	1.839	5.633	1577.	44.	11.	761.8	28.3	1
2725	0	464	37.1942	89.8731	-721.0		OJC	6.69	4.56	1.15	0.682	3.971	5.825	1664.	52.	5.	761.8	28.3	1
2726	0	464	37.1942	89.8738	-722.0		OJC	7.30	1.80	1.46	0.247	1.231	4.989	1644.	45.	7.	761.8	28.3	1
2727	0	464	37.1942	89.8745	-723.2		OJC	8.71	2.45	1.19	0.281	2.063	7.334	1698.	38.	7.	761.8	28.3	1
2728	10	464	37.1942	89.8752	-723.2		OJC	8.88	0.48	1.43	0.0	0.0	6.211	1663.	43.	10.	761.2	28.3	1
2729	0	464	37.1942	89.8760	-723.5		OJC	7.63	2.75	1.06	0.360	2.592	7.203	1660.	37.	9.	761.2	28.3	1
2730	0	464	37.1942	89.8767	-727.0		OJC	6.63	3.15	0.94	0.476	3.356	7.056	1621.	41.	9.	761.8	28.3	1
2731	10	464	37.1942	89.8774	-726.2		OJC	8.47	0.95	1.24	0.0	0.0	6.827	1608.	44.	10.	761.2	28.3	1
2732	0	464	37.1941	89.8781	-727.0		OJC	7.52	2.46	1.22	0.328	2.020	6.163	1625.	48.	12.	761.8	28.3	1
2733	0	456	37.1942	89.8788	-727.2		OJC	7.82	2.85	1.15	0.365	2.488	6.821	1627.	49.	7.	761.8	28.3	1
2734	0	432	37.1942	89.8795	-728.2		OJC	7.75	2.50	1.08	0.322	2.301	7.149	1563.	47.	2.	761.8	28.3	1
2735	0	424	37.1942	89.8802	-729.7		OJC	7.55	2.53	1.17	0.336	2.162	6.441	1546.	44.	3.	760.7	28.3	1
2736	0	408	37.1942	89.8810	-728.2		OJC	7.55	4.17	1.12	0.552	3.718	6.732	1557.	30.	3.	760.2	28.3	1
2737	0	400	37.1942	89.8817	-727.7		OJC	5.88	3.11	1.01	0.528	3.071	5.815	1363.	29.	3.	760.7	28.4	1
2738	0	376	37.1942	89.8824	-730.0		OJC	3.91	1.73	0.81	0.443	2.128	4.799	1192.	37.	5.	760.7	28.4	1
2739	0	380	37.1942	89.8832	-731.7		OJC	4.01	1.67	0.73	0.415	2.287	5.512	1030.	41.	2.	760.7	28.4	1
2740	0	388	37.1942	89.8839	-731.5		OJC	5.52	1.43	0.70	0.258	2.050	7.939	1048.	35.	6.	761.2	28.3	1
2741	0	392	37.1942	89.8847	-732.7		OJC	3.73	2.50	0.75	0.670	3.337	4.982	1088.	40.	7.	760.2	28.4	1
2742	0	388	37.1942	89.8854	-731.5		OJC	3.86	1.94	0.79	0.503	2.468	4.902	1110.	41.	0.	759.7	28.3	1
2743	0	360	37.1942	89.8861	-730.7		OJC	6.06	2.05	1.06	0.339	1.928	5.694	1210.	34.	2.	760.7	28.4	1
2744	0	336	37.1942	89.8868	-730.2		OJC	4.23	2.78	0.74	0.657	3.782	5.753	1171.	41.	2.	760.2	28.4	1
2745	0	336	37.1942	89.8875	-729.7		OJC	4.32	1.88	0.93	0.435	2.023	4.651	1215.	47.	3.	759.7	28.4	1
2746	0	344	37.1942	89.8882	-729.7		OJC	5.41	2.23	0.86	0.411	2.601	6.322	1187.	53.	2.	760.7	28.4	1
2747	0	344	37.1942	89.8889	-729.5		OJC	5.92	1.86	0.80	0.314	2.318	7.393	1214.	27.	3.	760.2	28.4	1
2748	0	344	37.1942	89.8896	-728.2		OJC	5.75	3.21	1.10	0.558	2.916	5.224	1352.	44.	4.	759.7	28.5	1
2749	0	376	37.1942	89.8904	-728.2		OJC	7.96	1.64	0.90	0.206	1.815	8.806	1428.	41.	1.	759.2	28.5	1
2750	0	392	37.1942	89.8911	-730.5		OJC	5.91	3.17	1.28	0.537	2.478	4.612	1562.	35.	5.	759.7	28.5	1
2751	0	424	37.1942	89.8918	-729.5		OJC	6.94	3.38	0.96	0.486	3.521	7.244	1481.	37.	3.	760.7	28.5	1
2752	0	464	37.1942	89.8925	-728.7		OJC	5.81	2.66	1.22	0.458	2.184	4.766	1487.	40.	5.	759.2	28.5	1
2753	0	496	37.1942	89.8932	-729.7		OJC	6.47	3.35	0.92	0.518	3.633	7.017	1530.	36.	1.	758.7	28.6	1
2754	0	480	37.1942	89.8939	-729.7		OJC	6.59	3.07	1.17	0.466	2.634	5.654	1600.	27.	3.	759.2	28.5	1
2755	0	468	37.1942	89.8947	-728.2		OJC	5.84	3.53	1.34	0.604	2.641	4.373	1577.	29.	0.	758.1	28.5	1
2756	0	468	37.1942	89.8954	-729.5		OJC	5.35	2.89	1.32	0.540	2.185	4.048	1464.	34.	0.	758.7	28.4	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	REDUCED DATA GROSS	COS	UAIR	PRESS	TEMP	SYS
2757	10	444	37.1942	89.8961	-728.2		OJC	5.78	1.26	1.14	0.0	0.0	5.077	1338.	44.	4.	758.7	28.4	1
2758	0	472	37.1942	89.8969	-729.0		OJC	7.13	2.42	0.93	0.339	2.600	7.667	1375.	41.	2.	758.1	28.4	1
2759	0	480	37.1942	89.8976	-727.5		OJC	4.91	1.82	1.22	0.371	1.487	4.010	1367.	44.	3.	759.2	28.4	1
2760	0	500	37.1942	89.8983	-726.5		OJC	4.15	5.74	0.79	1.382	7.287	5.272	1470.	30.	4.	758.1	28.3	1
2761	0	500	37.1942	89.8990	-725.5		OJC	6.48	3.29	1.14	0.507	2.893	5.707	1434.	36.	4.	757.6	28.2	1
2762	0	496	37.1942	89.8997	-725.5		OJC	5.75	1.88	1.49	0.327	1.261	3.850	1437.	38.	3.	758.7	28.1	1
2763	0	504	37.1942	89.9005	-724.2		OJC	6.75	3.12	0.74	0.462	4.227	9.148	1406.	37.	4.	756.6	28.1	1
2764	0	500	37.1942	89.9012	-724.7		OJC	7.05	2.62	0.62	0.372	4.227	11.367	1311.	37.	7.	757.6	28.1	1
2765	0	492	37.1942	89.9019	-723.5		OJC	5.58	3.25	0.80	0.582	4.065	6.988	1270.	42.	3.	758.7	28.1	1
2766	10	520	37.1942	89.9026	-723.0		OJC	7.28	1.08	1.05	0.0	0.0	6.962	1373.	47.	9.	756.6	28.0	1
2767	10	508	37.1942	89.9034	-721.5		OJC	5.80	1.01	1.08	0.0	0.0	5.397	1352.	52.	8.	757.6	28.0	1
2768	0	492	37.1942	89.9041	-720.7		OJC	5.62	2.64	0.99	0.469	2.674	5.699	1363.	53.	4.	758.7	28.0	1
2769	10	472	37.1942	89.9048	-718.2		OJC	5.06	1.30	1.25	0.0	0.0	4.035	1198.	58.	6.	756.6	28.0	1
2770	10	456	37.1942	89.9055	-718.0		OJC	4.92	1.18	1.35	0.0	0.0	3.639	1169.	37.	7.	757.6	28.0	1
2771	10	468	37.1942	89.9062	-715.7		OJC	7.47	1.57	0.89	0.0	0.0	8.422	1312.	46.	5.	758.1	28.0	1
2772	10	452	37.1942	89.9069	-715.2		OJC	6.09	1.11	1.04	0.0	0.0	5.858	1282.	40.	4.	757.1	28.0	1
2773	0	444	37.1942	89.9077	-715.2		OJC	6.57	3.18	0.63	0.483	5.062	10.478	1160.	43.	0.	758.1	28.0	1
2774	0	412	37.1942	89.9084	-715.0		OJC	4.80	1.76	0.48	0.366	3.658	10.006	1090.	55.	4.	758.1	28.0	1
2775	0	448	37.1942	89.9091	-713.0		OJC	2.47	4.46	0.50	1.808	8.889	4.916	1066.	43.	3.	757.6	28.1	1
2776	0	500	37.1942	89.9098	-712.5		OJC	5.04	4.51	0.94	0.895	4.788	5.351	1229.	33.	1.	758.7	28.1	1
2777	0	552	37.1942	89.9106	-711.2		OJC	4.53	3.55	0.82	0.783	4.324	5.522	1272.	37.	6.	758.1	28.2	1
2778	0	624	37.1942	89.9113	-709.2		OJC	4.83	3.35	0.72	0.693	4.659	6.718	1368.	35.	8.	758.7	28.1	1
2779	0	644	37.1942	89.9120	-708.2		OJC	6.05	3.22	0.65	0.533	4.979	9.344	1422.	42.	10.	758.7	28.1	1
2780	10	640	37.1942	89.9127	-706.5		OJC	6.96	0.68	1.25	0.0	0.0	5.558	1462.	35.	10.	756.6	28.0	1
2781	0	640	37.1942	89.9134	-704.0		OJC	9.03	2.73	1.03	0.303	2.658	8.772	1437.	35.	10.	756.6	28.0	1
2782	10	628	37.1942	89.9141	-702.7		OJC	8.71	1.96	1.15	0.0	0.0	7.577	1435.	36.	9.	758.7	28.0	1
2783	10	612	37.1942	89.9148	-701.0		OJC	4.98	0.88	1.28	0.0	0.0	3.883	1438.	36.	7.	756.6	28.0	1
2784	0	584	37.1942	89.9155	-698.0		OJC	5.77	4.38	0.80	0.759	5.475	7.212	1350.	43.	2.	756.6	28.0	1
2785	0	588	37.1942	89.9163	-697.0		OJC	2.14	2.29	1.36	1.067	1.686	1.579	1328.	45.	8.	758.7	28.0	1
2786	10	584	37.1942	89.9170	-694.7		OJC	4.82	0.63	0.99	0.0	0.0	4.878	1350.	50.	11.	758.7	28.0	1
2787	10	580	37.1942	89.9177	-692.0		OJC	4.58	1.37	1.21	0.0	0.0	3.770	1367.	62.	10.	757.6	28.1	1
2788	10	576	37.1942	89.9185	-690.0		OJC	7.37	1.96	1.16	0.0	0.0	6.347	1442.	35.	13.	758.7	28.0	1
2789	10	564	37.1942	89.9192	-687.7		OJC	6.87	1.27	0.68	0.0	0.0	10.156	1327.	41.	15.	758.7	28.1	1
2790	10	568	37.1942	89.9199	-685.5		OJC	7.58	0.55	0.95	0.0	0.0	7.953	1415.	26.	17.	757.1	28.1	1
2791	10	572	37.1942	89.9207	-683.2		OJC	5.91	1.13	0.73	0.0	0.0	8.047	1259.	42.	14.	758.1	28.1	1
2792	0	544	37.1942	89.9214	-680.7		OJC	6.01	3.08	0.99	0.512	3.096	6.050	1347.	21.	11.	759.2	28.1	1
2793	0	476	37.1942	89.9221	-678.2		OJC	5.94	1.75	0.70	0.295	2.491	8.451	1223.	41.	5.	758.1	28.1	1
2794	10	448	37.1942	89.9228	-676.2		OJC	5.48	-0.17	0.78	0.0	0.0	7.005	1139.	48.	8.	757.6	28.1	1
2795	0	404	37.1942	89.9235	-673.2		OJC	4.69	1.40	0.91	0.297	1.527	5.134	1145.	41.	5.	758.7	28.2	1
2796	0	372	37.1942	89.9242	-668.2		OJC	5.64	2.25	0.66	0.398	3.390	8.510	1196.	47.	3.	758.7	28.2	1
2797	0	388	37.1942	89.9249	-666.0		OJC	7.22	1.47	1.01	0.204	1.463	7.176	1374.	42.	0.	757.6	28.2	1
2798	0	376	37.1942	89.9257	-662.7		OJC	9.51	2.74	1.05	0.288	2.614	9.082	1479.	56.	0.	758.7	28.2	1
2799	0	360	37.1942	89.9264	-656.7		OJC	7.73	2.41	1.08	0.312	2.241	7.183	1592.	40.	0.	758.7	28.3	1
2800	0	368	37.1942	89.9271	-654.0		OJC	8.03	2.85	0.92	0.355	3.100	8.744	1597.	38.	0.	757.6	28.4	1
2801	0	360	37.1942	89.9278	-653.2		OJC	8.32	3.24	1.08	0.390	3.004	7.713	1609.	36.	0.	757.6	28.4	1
2802	0	348	37.1942	89.9285	-650.5		OJC	7.54	4.08	0.77	0.541	5.326	9.840	1573.	41.	0.	759.7	28.4	1
2803	0	340	37.1942	89.9292	-646.0		OJC	9.20	2.64	1.21	0.287	2.192	7.626	1684.	30.	1.	758.7	28.4	1
2804	0	340	37.1942	89.9300	-642.7		OJC	7.33	2.31	1.06	0.316	2.185	6.918	1552.	50.	0.	757.6	28.4	1
2805	0	348	37.1942	89.9307	-639.5		OJC	8.67	4.12	1.10	0.475	3.748	7.889	1669.	49.	0.	759.2	28.4	1
2806	0	348	37.1942	89.9314	-636.2		OJC	7.79	2.05	1.09	0.263	1.888	7.171	1638.	42.	4.	759.2	28.4	1
2807	0	340	37.1942	89.9321	-634.0		OJC	8.52	2.93	1.36	0.343	2.158	6.282	1621.	45.	3.	758.1	28.3	1
2808	0	332	37.1942	89.9328	-631.0		OJC	8.16	2.46	1.24	0.301	1.978	6.570	1616.	50.	5.	758.1	28.3	1
2809	0	348	37.1942	89.9335	-628.2		OJC	7.83	2.68	1.00	0.342	2.673	7.808	1606.	44.	5.	758.1	28.4	1

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TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2810	10	328	37.1942	89.9343	-627.2	OJC	6.53	0.87	1.00	0.0	0.0	6.556	1304.	46.	9.	758.1	28.4	1
2811	0	348	37.1942	89.9350	-625.2	OJC	4.86	2.72	0.93	0.559	2.920	5.226	1293.	46.	6.	758.1	28.5	1
2812	0	364	37.1942	89.9358	-621.5	OJC	7.06	1.93	0.94	0.274	2.062	7.538	1296.	37.	6.	758.1	28.5	1
2813	0	380	37.1942	89.9365	-618.2	OJC	6.34	2.42	0.87	0.382	2.771	7.246	1399.	54.	9.	758.7	28.6	1
2814	10	428	37.1942	89.9372	-617.0	OJC	8.59	1.09	1.03	0.0	0.0	8.341	1481.	41.	7.	757.6	28.5	1
2815	0	452	37.1942	89.9379	-614.7	OJC	8.38	3.38	0.97	0.403	3.477	8.620	1534.	40.	2.	755.5	28.5	1
2816	0	432	37.1942	89.9386	-611.7	OJC	7.81	2.23	1.18	0.285	1.895	6.639	1384.	49.	2.	755.5	28.5	1
2817	0	400	37.1942	89.9393	-609.5	OJC	5.59	3.30	0.74	0.590	4.429	7.503	1346.	40.	2.	757.6	28.5	1
2818	0	392	37.1942	89.9400	-607.7	OJC	5.07	2.83	0.78	0.558	3.630	6.502	1211.	49.	1.	755.5	28.5	1
2819	0	392	37.1942	89.9408	-605.0	OJC	7.99	3.34	0.78	0.418	4.269	10.213	1316.	45.	0.	754.5	28.5	1
2820	0	428	37.1942	89.9415	-603.2	OJC	5.70	2.86	1.04	0.502	2.749	5.482	1509.	50.	2.	755.5	28.5	1
2821	0	424	37.1942	89.9422	-601.2	OJC	5.01	2.79	0.94	0.557	2.976	5.346	1458.	39.	3.	756.6	28.5	1
2822	0	432	37.1942	89.9430	-599.0	OJC	6.04	2.76	0.93	0.457	2.970	6.500	1418.	40.	2.	757.6	28.4	1
2823	0	428	37.1942	89.9437	-597.2	OJC	7.02	2.62	1.04	0.373	2.508	6.723	1474.	37.	6.	756.6	28.4	1
2824	0	420	37.1942	89.9444	-596.0	OJC	4.57	2.76	0.94	0.603	2.936	4.865	1473.	52.	5.	755.5	28.3	1
2825	0	428	37.1942	89.9451	-594.0	OJC	6.80	2.68	0.98	0.394	2.730	6.921	1471.	47.	9.	754.5	28.3	1
2826	0	448	37.1942	89.9458	-593.0	OJC	4.85	2.21	1.07	0.456	2.074	4.550	1454.	46.	11.	754.5	28.3	1
2827	0	428	37.1942	89.9465	-591.2	OJC	7.26	2.63	0.98	0.362	2.686	7.414	1382.	41.	8.	755.5	28.3	1
2828	0	412	37.1942	89.9473	-590.2	OJC	4.88	3.04	0.76	0.624	4.003	6.415	1266.	41.	4.	756.6	28.2	1
2829	10	420	37.1942	89.9480	-589.7	OJC	4.90	1.41	0.69	0.0	0.0	7.095	1158.	47.	9.	756.6	28.2	1
2830	0	428	37.1942	89.9487	-587.5	OJC	5.03	2.21	0.63	0.438	3.520	8.034	1115.	45.	5.	755.5	28.1	1
2831	10	432	37.1942	89.9494	-584.2	OJC	3.55	0.94	0.86	0.0	0.0	4.137	1043.	35.	7.	755.5	28.1	1
2832	10	448	37.1942	89.9501	-583.0	OJC	5.59	1.39	0.43	0.0	0.0	12.936	1022.	41.	4.	754.5	28.1	1
2833	0	448	37.1942	89.9508	-581.2	OJC	2.58	2.56	0.45	0.996	5.658	5.682	900.	49.	0.	755.0	28.1	1
2834	0	448	37.1942	89.9516	-581.0	OJC	1.78	1.43	0.59	0.802	2.427	3.026	770.	49.	2.	757.1	28.1	1
2835	0	472	37.1942	89.9523	-580.5	OJC	2.91	2.86	0.34	0.982	8.300	8.453	764.	42.	0.	757.6	28.1	1
2836	0	520	37.1942	89.9530	-579.0	OJC	3.38	3.36	0.40	0.993	8.308	8.365	849.	39.	2.	757.6	28.1	1
2837	0	556	37.1942	89.9538	-575.7	OJC	4.51	3.00	0.65	0.664	4.614	6.953	1013.	39.	0.	757.6	28.1	1
2838	0	596	37.1942	89.9545	-574.5	OJC	4.26	2.03	0.91	0.476	2.229	4.687	1104.	44.	0.	756.1	28.1	1
2839	10	636	37.1942	89.9552	-573.2	OJC	7.73	1.66	0.76	0.0	0.0	10.207	1268.	39.	2.	755.5	28.1	1
2840	10	628	37.1942	89.9560	-571.2	OJC	5.49	1.04	0.87	0.0	0.0	6.314	1361.	37.	4.	755.5	28.1	1
2841	10	616	37.1942	89.9567	-569.2	OJC	7.90	2.06	1.07	0.0	0.0	7.383	1464.	40.	5.	755.5	28.2	1
2842	10	604	37.1942	89.9574	-567.0	OJC	4.35	1.74	1.12	0.0	0.0	3.893	1409.	38.	10.	757.1	28.3	1
2843	10	596	37.1942	89.9581	-564.7	OJC	6.38	1.08	1.13	0.0	0.0	5.668	1367.	33.	9.	759.2	28.4	1
2844	10	584	37.1942	89.9588	-562.7	OJC	6.61	0.81	0.87	0.0	0.0	7.585	1309.	39.	15.	758.1	28.4	1
2845	10	576	37.1942	89.9595	-560.5	OJC	5.87	0.97	0.93	0.0	0.0	6.320	1338.	31.	13.	757.1	28.5	1
2846	10	564	37.1942	89.9602	-558.5	OJC	8.79	0.14	0.79	0.0	0.0	11.098	1322.	38.	16.	757.1	28.4	1
2847	10	556	37.1942	89.9610	-556.5	OJC	6.93	-0.75	1.16	0.0	0.0	5.956	1308.	34.	13.	757.1	28.4	1
2848	10	544	37.1942	89.9617	-554.0	OJC	5.07	-0.66	1.10	0.0	0.0	4.633	1254.	48.	13.	756.1	28.4	1
2849	0	524	37.1942	89.9624	-551.7	OJC	5.83	2.48	0.59	0.426	4.228	9.930	1249.	40.	10.	756.1	28.4	1
2850	0	528	37.1942	89.9631	-550.2	OJC	5.81	2.57	1.00	0.442	2.577	5.837	1202.	44.	7.	757.1	28.4	1
2851	10	548	37.1942	89.9638	-548.2	OJC	6.21	0.34	0.95	0.0	0.0	6.528	1213.	51.	9.	758.1	28.4	1
2852	10	552	37.1942	89.9646	-546.0	OJC	4.19	0.85	0.84	0.0	0.0	4.970	1169.	53.	7.	758.1	28.4	1
2853	0	560	37.1942	89.9652	-544.2	OJC	6.50	2.53	0.72	0.389	3.509	9.025	1163.	37.	2.	759.2	28.5	1
2854	10	552	37.1942	89.9660	-542.7	OJC	6.90	1.31	0.69	0.0	0.0	10.034	1063.	48.	5.	758.7	28.4	1
2855	10	516	37.1942	89.9667	-540.5	OJC	5.88	0.90	0.79	0.0	0.0	7.441	1069.	41.	6.	757.6	28.4	1
2856	0	496	37.1942	89.9674	-538.2	OJC	3.85	2.74	0.58	0.712	4.718	6.626	1058.	43.	4.	757.6	28.4	1
2857	10	448	37.1942	89.9682	-536.2	OJC	4.89	0.68	0.67	0.0	0.0	7.306	932.	43.	6.	756.6	28.4	1
2858	10	404	37.1942	89.9689	-535.2	OJC	4.16	0.50	0.70	0.0	0.0	5.971	904.	55.	5.	756.1	28.3	1
2859	10	364	37.1942	89.9696	-533.7	OJC	4.81	0.68	0.63	0.0	0.0	7.576	915.	42.	2.	757.1	28.4	1
2860	0	364	37.1942	89.9703	-531.7	OJC	2.77	2.52	0.82	0.912	3.079	3.375	1111.	41.	2.	758.1	28.4	1
2861	0	368	37.1942	89.9710	-529.2	OJC	6.39	1.35	0.87	0.211	1.542	7.319	1206.	41.	5.	758.7	28.5	1
2862	0	364	37.1942	89.9717	-526.2	OJC	6.71	2.04	0.87	0.304	2.340	7.684	1283.	29.	6.	758.7	28.4	1

CP9 1P12
CP9 1P12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2863	0	356	37.1941	89.9724	-526.5	OJC	7.34	2.26	1.23	0.308	1.841	5.982	1498.	47.	6.	758.7	28.4	1
2864	0	348	37.1940	89.9731	-526.5	OJC	7.28	3.04	0.97	0.417	3.139	7.524	1498.	50.	4.	758.7	28.4	1
2865	10	348	37.1940	89.9737	-524.5	OJC	8.87	0.65	0.87	0.0	0.0	10.150	1424.	46.	10.	758.7	28.5	1
2866	10	328	37.1940	89.9744	-521.7	OJC	6.22	0.99	0.80	0.0	0.0	7.754	1214.	42.	8.	758.7	28.4	1
2867	10	348	37.1939	89.9751	-522.2	OJC	4.68	1.12	0.60	0.0	0.0	7.743	1045.	28.	10.	759.2	28.5	1
2868	10	356	37.1939	89.9758	-521.2	OJC	5.30	1.09	0.70	0.0	0.0	7.611	1079.	51.	10.	758.7	28.5	1
2869	0	348	37.1938	89.9764	-519.0	OJC	5.84	2.26	0.79	0.388	2.876	7.420	1111.	38.	8.	758.7	28.5	1
2870	0	348	37.1938	89.9772	-516.5	OJC	5.71	2.36	0.77	0.414	3.061	7.393	1197.	50.	5.	757.6	28.4	1
2871	10	360	37.1937	89.9778	-517.2	OJC	6.04	1.25	0.81	0.0	0.0	7.410	1321.	48.	5.	756.6	28.4	1
2872	0	352	37.1937	89.9785	-517.2	OJC	6.60	3.11	0.81	0.471	3.818	8.107	1176.	44.	3.	757.6	28.4	1
2873	0	360	37.1937	89.9792	-518.0	OJC	4.83	2.14	0.48	0.443	4.450	10.042	1049.	48.	2.	757.6	28.4	1
2874	0	348	37.1936	89.9798	-518.0	OJC	2.18	1.80	0.56	0.826	3.219	3.895	860.	38.	4.	756.6	28.4	1
2875	10	376	37.1936	89.9805	-518.7	OJC	4.80	1.10	0.66	0.0	0.0	7.242	801.	39.	1.	756.6	28.4	1
2876	0	392	37.1935	89.9812	-518.2	OJC	3.14	2.25	0.43	0.717	5.262	7.344	788.	44.	0.	756.6	28.5	1
2877	0	416	37.1935	89.9819	-519.5	OJC	2.97	2.39	0.53	0.806	4.530	5.623	795.	41.	0.	757.6	28.5	1
2878	10	464	37.1934	89.9826	-519.0	OJC	4.35	1.03	0.61	0.0	0.0	7.077	919.	33.	0.	757.6	28.5	1
2879	0	528	37.1934	89.9833	-518.7	OJC	3.37	2.67	0.77	0.794	3.483	4.389	1123.	37.	1.	756.6	28.5	1
2880	0	588	37.1933	89.9839	-519.5	OJC	7.09	2.39	0.77	0.336	3.100	9.216	1328.	38.	2.	757.6	28.5	1
2881	10	588	37.1933	89.9846	-519.0	OJC	8.41	0.74	1.15	0.0	0.0	7.319	1384.	40.	7.	758.1	28.5	1
2882	10	592	37.1933	89.9852	-518.5	OJC	5.43	1.56	0.96	0.0	0.0	5.626	1346.	39.	7.	757.1	28.6	1
2883	0	596	37.1932	89.9859	-518.5	OJC	6.70	3.30	0.98	0.492	3.362	6.827	1567.	31.	8.	757.1	28.6	1
2884	10	604	37.1931	89.9866	-518.0	OJC	7.28	1.18	1.33	0.0	0.0	5.454	1494.	38.	11.	757.1	28.6	1
2885	10	612	37.1931	89.9873	-517.2	OJC	6.40	0.34	0.98	0.0	0.0	6.535	1375.	56.	13.	757.6	28.7	1
2886	0	616	37.1931	89.9880	-518.5	OJC	4.85	2.59	0.73	0.533	3.566	6.689	1365.	42.	12.	758.7	28.7	1
2887	10	612	37.1930	89.9886	-517.2	OJC	7.46	1.84	1.10	0.0	0.0	6.761	1475.	40.	7.	759.2	28.7	1
2888	10	592	37.1929	89.9893	-518.0	OJC	9.02	0.45	1.01	0.0	0.0	8.931	1512.	47.	4.	758.1	28.7	1
2889	10	584	37.1929	89.9900	-518.2	OJC	7.02	1.98	1.04	0.0	0.0	6.751	1402.	36.	8.	758.1	28.6	1
2890	0	584	37.1929	89.9907	-517.0	OJC	7.74	2.88	1.21	0.372	2.371	6.376	1444.	27.	1.	758.7	28.5	1
2891	0	584	37.1928	89.9914	-516.5	OJC	6.67	2.95	0.87	0.442	3.376	7.642	1371.	43.	2.	758.7	28.5	1
2892	0	580	37.1927	89.9921	-518.0	OJC	7.08	2.94	1.42	0.415	2.063	4.971	1454.	39.	0.	758.7	28.5	1
2893	0	572	37.1927	89.9927	-518.5	OJC	7.41	3.10	1.27	0.418	2.439	5.832	1561.	38.	0.	758.7	28.5	1
2894	10	552	37.1927	89.9934	-519.0	OJC	7.28	0.76	0.95	0.0	0.0	7.644	1357.	51.	5.	758.7	28.5	1
2895	0	524	37.1926	89.9941	-519.5	OJC	6.72	2.46	0.89	0.366	2.756	7.537	1444.	41.	0.	758.7	28.5	1
2896	10	512	37.1926	89.9948	-520.7	OJC	6.89	1.01	1.10	0.0	0.0	6.239	1465.	33.	3.	758.7	28.5	1
2897	0	500	37.1926	89.9955	-521.2	OJC	6.12	3.80	0.75	0.621	5.074	8.170	1400.	30.	1.	758.7	28.5	1
2898	0	476	37.1925	89.9961	-522.7	OJC	6.03	2.67	0.82	0.443	3.257	7.352	1301.	38.	3.	758.7	28.5	1
2899	0	440	37.1924	89.9968	-521.2	OJC	6.12	1.92	0.88	0.314	2.193	6.988	1101.	38.	0.	758.7	28.5	1
2900	10	412	37.1924	89.9974	-523.0	OJC	4.97	1.05	0.61	0.0	0.0	8.118	1046.	40.	1.	758.7	28.5	1
2901	0	416	37.1924	89.9982	-525.0	OJC	4.75	2.68	0.66	0.564	4.030	7.145	1017.	43.	0.	758.7	28.5	1
2902	10	408	37.1923	89.9988	-525.7	OJC	3.37	0.97	0.85	0.0	0.0	3.944	1070.	47.	3.	758.7	28.4	1
2903	0	396	37.1923	89.9995	-528.0	OJC	5.68	1.43	0.48	0.251	2.987	11.907	1045.	36.	2.	758.7	28.4	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1	0	484	37.1099	88.0009	-801.7	MM	7.04	2.91	0.86	0.414	3.373	8.150	1440.	36.	8.	751.4	28.8	1
2	0	488	37.1099	88.0015	-795.7	MM	6.72	1.69	1.11	0.252	1.525	6.061	1443.	34.	9.	753.0	28.9	1
3	0	496	37.1099	88.0022	-796.0	MM	6.81	2.58	0.91	0.379	2.843	7.497	1394.	44.	7.	753.0	28.9	1
4	0	516	37.1098	88.0029	-797.2	MM	5.53	1.75	1.10	0.316	1.592	5.040	1344.	45.	8.	751.9	28.9	1
5	0	532	37.1098	88.0035	-800.7	MM	5.51	2.31	0.94	0.419	2.445	5.839	1438.	43.	6.	752.4	28.9	1
6	0	536	37.1098	88.0041	-802.5	MM	7.74	2.95	0.89	0.381	3.306	8.676	1412.	28.	8.	752.4	28.9	1
7	0	536	37.1098	88.0047	-804.7	MM	6.54	3.34	0.64	0.510	5.236	10.264	1369.	45.	2.	751.4	29.0	1
8	0	500	37.1098	88.0054	-802.2	MM	7.83	3.04	0.98	0.389	3.110	7.997	1385.	35.	0.	751.9	29.0	1
9	0	492	37.1097	88.0060	-798.5	MM	6.58	3.67	0.74	0.557	4.962	8.905	1333.	32.	0.	751.9	29.0	1
10	0	500	37.1097	88.0066	-799.7	MM	4.93	4.42	0.84	0.898	5.279	5.879	1289.	32.	0.	750.9	29.1	1
11	0	536	37.1098	88.0073	-802.7	MM	3.74	2.97	1.09	0.794	2.721	3.426	1365.	40.	0.	751.9	29.1	1
12	0	552	37.1097	88.0079	-798.5	MM	5.14	3.58	1.05	0.697	3.421	4.909	1413.	38.	0.	750.9	29.1	1
13	0	552	37.1097	88.0085	-801.7	MM	5.81	3.44	0.94	0.592	3.650	6.164	1394.	39.	0.	749.9	29.1	1
14	0	520	37.1097	88.0091	-802.2	MM	8.81	2.68	0.97	0.304	2.752	9.053	1387.	34.	1.	750.9	29.1	1
15	0	532	37.1097	88.0098	-797.7	MM	7.04	2.68	0.94	0.380	2.843	7.476	1397.	42.	3.	750.9	29.1	1
16	0	552	37.1097	88.0104	-800.2	MM	5.58	3.66	0.79	0.656	4.611	7.031	1330.	43.	6.	750.9	29.1	1
17	10	588	37.1096	88.0111	-804.5	MM	9.57	0.67	0.81	0.0	0.0	11.755	1449.	41.	12.	750.9	29.1	1
18	10	588	37.1096	88.0117	-796.2	MM	4.80	1.09	1.01	0.0	0.0	4.753	1407.	47.	15.	750.4	29.1	1
19	0	568	37.1096	88.0123	-797.2	MM	5.89	1.97	0.83	0.334	2.372	7.097	1413.	38.	11.	750.4	29.1	1
20	0	568	37.1096	88.0130	-804.5	MM	5.63	2.46	0.72	0.437	3.402	7.789	1439.	46.	15.	750.4	29.1	1
21	10	536	37.1096	88.0135	-805.7	MM	7.43	2.02	0.78	0.0	0.0	9.585	1425.	36.	16.	751.4	29.1	1
22	10	500	37.1095	88.0142	-805.2	MM	6.36	0.51	0.98	0.0	0.0	6.484	1389.	48.	11.	751.4	29.1	1
23	0	456	37.1095	88.0149	-803.0	MM	4.46	2.11	0.83	0.473	2.545	5.379	1318.	52.	9.	751.4	29.1	1
24	10	444	37.1095	88.0155	-796.2	MM	4.46	1.24	0.68	0.0	0.0	6.540	1321.	34.	15.	751.4	29.1	1
25	0	440	37.1095	88.0161	-801.2	MM	6.17	1.66	0.99	0.270	1.681	6.238	1393.	28.	12.	750.4	29.2	1
26	0	468	37.1095	88.0167	-805.2	MM	6.14	2.84	0.62	0.463	4.559	9.840	1384.	38.	13.	751.4	29.2	1
27	0	456	37.1094	88.0174	-801.5	MM	4.79	2.35	0.81	0.491	2.897	5.903	1386.	41.	14.	752.4	29.2	1
28	10	452	37.1094	88.0181	-801.0	MM	6.12	0.56	1.11	0.0	0.0	5.518	1464.	39.	15.	752.4	29.3	1
29	0	456	37.1094	88.0187	-798.2	MM	6.80	3.07	0.92	0.452	3.323	7.358	1411.	34.	10.	753.5	29.3	1
30	10	472	37.1094	88.0192	-797.5	MM	7.31	0.99	1.34	0.0	0.0	5.453	1526.	41.	10.	753.5	29.3	1
31	0	492	37.1094	88.0199	-800.2	MM	5.66	2.65	1.18	0.468	2.244	4.799	1431.	41.	8.	752.4	29.3	1
32	0	500	37.1094	88.0206	-798.2	MM	6.36	2.83	1.00	0.445	2.820	6.333	1501.	45.	6.	753.0	29.4	1
33	0	504	37.1094	88.0212	-797.2	MM	7.81	3.59	0.78	0.459	4.609	10.032	1490.	37.	0.	754.0	29.4	1
34	10	504	37.1094	88.0218	-802.2	MM	9.61	1.28	0.84	0.0	0.0	11.399	1420.	49.	3.	754.0	29.4	1
35	0	504	37.1093	88.0224	-804.7	MM	6.65	4.01	0.83	0.603	4.856	8.050	1425.	45.	0.	753.0	29.4	1
36	0	508	37.1093	88.0231	-799.2	MM	6.56	1.52	1.26	0.231	1.200	5.191	1450.	44.	0.	751.9	29.4	1
37	0	508	37.1093	88.0237	-801.2	MM	5.14	4.88	0.83	0.950	5.894	6.208	1362.	53.	0.	751.9	29.5	1
38	0	508	37.1093	88.0243	-803.7	MM	4.97	3.13	1.01	0.630	3.087	4.896	1423.	33.	5.	752.4	29.5	1
39	0	504	37.1093	88.0250	-799.2	MM	5.93	2.56	0.95	0.431	2.699	6.256	1433.	36.	3.	752.4	29.5	1
40	0	492	37.1092	88.0256	-797.7	MM	6.79	3.54	0.76	0.522	4.640	8.891	1427.	37.	3.	753.5	29.5	1
41	0	480	37.1092	88.0262	-799.0	MM	8.90	2.73	0.68	0.307	4.000	13.018	1389.	43.	7.	752.4	29.5	1
42	0	472	37.1092	88.0269	-802.5	MM	6.94	3.54	0.87	0.511	4.061	7.955	1386.	45.	2.	751.4	29.5	1
43	10	460	37.1092	88.0275	-803.5	MM	6.58	0.43	1.08	0.0	0.0	6.103	1290.	49.	9.	752.4	29.5	1
44	0	452	37.1092	88.0282	-800.0	MM	6.11	2.33	0.93	0.382	2.501	6.554	1399.	32.	8.	754.5	29.5	1
45	10	456	37.1092	88.0288	-799.5	MM	6.44	1.30	0.88	0.0	0.0	7.321	1466.	32.	10.	753.5	29.5	1
46	10	448	37.1091	88.0294	-799.0	MM	7.67	1.44	0.86	0.0	0.0	8.901	1452.	37.	9.	751.9	29.5	1
47	10	452	37.1091	88.0300	-798.5	MM	7.15	1.38	1.23	0.0	0.0	5.825	1495.	41.	9.	751.9	29.5	1
48	0	432	37.1091	88.0307	-804.5	MM	7.07	2.09	0.84	0.296	2.478	8.383	1462.	40.	9.	751.9	29.5	1
49	0	392	37.1091	88.0313	-803.0	MM	6.00	2.20	0.91	0.367	2.421	6.592	1390.	29.	10.	751.4	29.5	1
50	0	372	37.1091	88.0319	-797.2	MM	5.48	3.24	0.58	0.591	5.589	9.451	1287.	39.	10.	751.4	29.5	1
51	0	380	37.1090	88.0326	-799.5	MM	5.16	3.01	0.72	0.583	4.207	7.219	1239.	53.	10.	751.4	29.4	1
52	10	400	37.1091	88.0332	-797.5	MM	6.46	1.13	0.91	0.0	0.0	7.064	1262.	44.	10.	751.4	29.4	1
53	0	432	37.1090	88.0338	-795.0	MM	5.99	2.75	0.97	0.459	2.831	6.169	1526.	32.	11.	751.4	29.4	1

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TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
54	10	444	37.1090	88.0344	-799.2	MM	6.98	0.14	1.05	0.0	0.0	6.634	1349.	49.	13.	751.4	29.4	1
55	0	444	37.1090	88.0351	-799.5	MM	4.16	2.95	0.94	0.709	3.122	4.401	1431.	41.	9.	751.4	29.3	1
56	0	472	37.1090	88.0357	-795.2	MM	7.17	2.53	0.85	0.353	2.983	8.455	1480.	44.	6.	751.4	29.3	1
57	0	444	37.1090	88.0364	-798.7	MM	6.39	3.14	0.86	0.492	3.640	7.404	1350.	34.	4.	751.4	29.3	1
58	0	452	37.1089	88.0369	-799.5	MM	7.12	2.11	0.80	0.297	2.635	8.883	1378.	38.	8.	751.4	29.3	1
59	0	444	37.1089	88.0376	-793.5	MM	6.34	2.84	0.78	0.448	3.652	8.150	1393.	40.	1.	751.4	29.2	1
60	0	464	37.1089	88.0383	-793.5	MM	6.96	3.03	0.95	0.435	3.189	7.328	1448.	37.	0.	751.4	29.2	1
61	10	488	37.1089	88.0389	-800.5	MM	8.57	1.20	1.34	0.0	0.0	6.396	1461.	39.	6.	751.4	29.2	1
62	0	484	37.1089	88.0395	-800.0	MM	7.57	3.08	0.92	0.407	3.331	8.195	1556.	35.	5.	751.4	29.2	1
63	0	492	37.1089	88.0402	-795.5	MM	6.39	2.82	1.05	0.441	2.677	6.070	1480.	37.	4.	751.4	29.2	1
64	0	508	37.1088	88.0408	-799.2	MM	7.05	2.16	1.28	0.306	1.687	5.509	1539.	48.	5.	751.4	29.2	1
65	0	524	37.1088	88.0414	-804.7	MM	7.26	3.88	0.75	0.534	5.185	9.709	1472.	38.	7.	751.9	29.2	1
66	0	536	37.1088	88.0420	-799.2	MM	7.88	2.59	1.08	0.329	2.403	7.308	1555.	45.	8.	751.9	29.2	1
67	0	540	37.1088	88.0427	-798.2	MM	8.24	2.32	1.19	0.282	1.949	6.919	1538.	30.	7.	750.9	29.2	1
68	10	528	37.1088	88.0434	-805.0	MM	7.32	1.11	0.85	0.0	0.0	8.633	1444.	35.	7.	751.9	29.2	1
69	0	516	37.1087	88.0439	-801.5	MM	7.95	5.80	0.69	0.730	8.354	11.443	1507.	28.	1.	752.4	29.2	1
70	10	508	37.1087	88.0445	-796.2	MM	5.63	1.22	0.89	0.0	0.0	6.322	1437.	37.	9.	751.4	29.2	1
71	10	508	37.1087	88.0452	-796.5	MM	4.08	1.35	0.83	0.0	0.0	4.926	1396.	33.	12.	751.4	29.1	1
72	10	520	37.1087	88.0459	-796.5	MM	6.06	0.12	1.11	0.0	0.0	5.486	1448.	54.	16.	751.4	29.2	1
73	0	520	37.1087	88.0465	-797.2	MM	4.55	2.20	1.08	0.484	2.047	4.230	1526.	29.	13.	750.9	29.2	1
74	10	524	37.1086	88.0471	-801.0	MM	7.34	0.49	1.25	0.0	0.0	5.857	1499.	33.	14.	751.9	29.2	1
75	0	528	37.1086	88.0477	-798.7	MM	6.94	2.11	0.76	0.303	2.771	9.136	1493.	36.	11.	753.0	29.2	1
76	0	532	37.1087	88.0484	-798.7	MM	6.68	2.10	0.98	0.314	2.130	6.783	1405.	36.	8.	751.9	29.2	1
77	0	540	37.1086	88.0490	-800.2	MM	4.00	2.56	0.60	0.638	4.232	6.630	1395.	31.	11.	751.4	29.3	1
78	0	536	37.1086	88.0496	-799.0	MM	5.35	3.36	1.10	0.628	3.059	4.874	1421.	36.	8.	751.4	29.3	1
79	0	528	37.1086	88.0503	-798.7	QAL	7.69	2.31	1.06	0.300	2.185	7.277	1527.	32.	5.	751.4	29.3	1
80	0	580	37.1086	88.0509	-802.7	QAL	8.14	2.30	1.02	0.282	2.259	8.001	1493.	35.	6.	751.9	29.3	1
81	0	572	37.1086	88.0515	-800.5	QAL	6.29	2.40	1.10	0.382	2.177	5.697	1491.	52.	8.	751.4	29.3	1
82	0	512	37.1085	88.0522	-796.2	QAL	7.21	2.17	0.99	0.301	2.180	7.247	1361.	30.	4.	751.4	29.2	1
83	0	516	37.1085	88.0528	-798.2	QAL	6.39	1.95	1.16	0.305	1.678	5.496	1430.	40.	5.	751.4	29.2	1
84	0	520	37.1085	88.0535	-799.0	QAL	5.29	2.20	0.98	0.415	2.252	5.422	1392.	44.	6.	750.4	29.2	1
85	0	560	37.1085	88.0541	-799.5	QAL	8.25	3.97	0.68	0.481	5.863	12.183	1523.	49.	8.	751.4	29.2	1
86	0	560	37.1085	88.0547	-802.5	QAL	8.08	2.24	0.80	0.278	2.804	10.095	1492.	37.	6.	751.9	29.2	1
87	0	556	37.1084	88.0553	-800.2	QAL	7.08	3.48	0.78	0.491	4.439	9.038	1569.	44.	11.	751.9	29.2	1
88	0	540	37.1084	88.0560	-798.7	QAL	5.10	3.74	1.01	0.733	3.718	5.076	1647.	36.	9.	752.4	29.2	1
89	0	532	37.1084	88.0566	-802.0	QAL	7.00	3.49	0.84	0.499	4.161	8.345	1596.	41.	6.	752.4	29.2	1
90	0	524	37.1084	88.0572	-802.2	QAL	3.51	3.11	0.81	0.886	3.854	4.351	1409.	35.	8.	753.0	29.2	1
91	0	524	37.1084	88.0579	-800.2	MM	8.19	4.57	0.40	0.558	11.339	20.333	1457.	41.	2.	753.5	29.2	1
92	0	532	37.1083	88.0585	-803.0	MM	6.96	3.31	0.81	0.475	4.102	8.630	1498.	47.	7.	753.5	29.2	1
93	0	532	37.1083	88.0591	-803.7	MM	6.03	1.95	1.07	0.323	1.823	5.652	1541.	44.	8.	753.5	29.2	1
94	0	532	37.1083	88.0597	-800.5	MM	6.83	3.17	1.00	0.464	3.176	6.849	1509.	35.	10.	754.0	29.2	1
95	0	532	37.1083	88.0604	-802.0	MM	5.50	1.79	1.09	0.326	1.644	5.046	1496.	56.	8.	753.5	29.3	1
96	10	532	37.1083	88.0611	-800.2	MM	5.65	1.44	0.88	0.0	0.0	6.430	1474.	49.	11.	752.4	29.3	1
97	10	528	37.1082	88.0616	-796.7	MM	9.18	0.21	0.97	0.0	0.0	9.513	1449.	44.	10.	752.4	29.2	1
98	10	532	37.1082	88.0622	-799.5	MM	7.54	1.95	0.88	0.0	0.0	8.531	1542.	32.	15.	754.5	29.2	1
99	10	536	37.1082	88.0629	-804.5	MM	9.81	0.68	0.93	0.0	0.0	10.508	1610.	35.	17.	754.0	29.2	1
100	10	536	37.1082	88.0636	-801.5	MM	7.31	0.63	1.31	0.0	0.0	5.560	1592.	37.	21.	753.0	29.2	1
101	10	532	37.1082	88.0642	-806.2	MM	9.85	1.12	1.16	0.0	0.0	8.476	1697.	31.	22.	754.0	29.1	1
102	10	532	37.1082	88.0648	-807.2	MM	5.27	1.81	0.96	0.0	0.0	5.473	1602.	46.	24.	754.0	29.1	1
103	10	524	37.1082	88.0654	-798.2	MM	7.54	1.32	0.97	0.0	0.0	7.748	1597.	44.	19.	752.4	29.1	1
104	10	528	37.1082	88.0661	-800.0	MM	7.00	1.09	1.03	0.0	0.0	6.812	1608.	37.	22.	754.0	29.1	1
105	0	524	37.1081	88.0667	-805.5	MM	5.77	3.83	0.75	0.664	5.094	7.672	1606.	39.	20.	755.0	29.1	1
106	10	528	37.1081	88.0673	-799.2	MM	7.31	-0.57	1.26	0.0	0.0	5.802	1665.	33.	21.	753.0	29.1	1

CP 6 1P 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
107	10	540	37.1081	88.0680	-801.0	MM	9.58	1.36	1.06	0.0	0.0	9.039	1685.	39.	15.	751.9	29.1	1
108	0	540	37.1080	88.0686	-804.2	MM	6.33	2.80	1.27	0.442	2.193	4.967	1614.	35.	13.	753.5	29.1	1
109	0	536	37.1080	88.0692	-799.7	MM	7.99	3.17	0.97	0.397	3.286	8.276	1572.	43.	11.	753.5	29.1	1
110	0	536	37.1080	88.0699	-799.7	MM	7.78	3.28	1.05	0.421	3.126	7.424	1532.	44.	9.	753.0	29.2	1
111	0	500	37.1080	88.0705	-804.0	MM	7.88	4.31	0.85	0.548	5.058	9.233	1489.	34.	4.	753.0	29.2	1
112	0	492	37.1080	88.0712	-802.5	MM	4.89	1.68	0.97	0.344	1.733	5.042	1381.	52.	7.	753.0	29.2	1
113	0	488	37.1080	88.0718	-804.2	MM	6.83	2.13	0.75	0.313	2.833	9.059	1408.	41.	7.	752.4	29.2	1
114	0	512	37.1080	88.0724	-804.7	MM	7.74	3.20	0.76	0.413	4.209	10.193	1467.	41.	6.	752.4	29.2	1
115	0	536	37.1079	88.0730	-802.2	MM	8.33	2.02	1.15	0.242	1.749	7.229	1535.	35.	6.	751.9	29.1	1
116	0	532	37.1079	88.0737	-803.7	MM	8.20	3.28	0.62	0.401	5.310	13.258	1437.	35.	6.	751.9	29.2	1
117	0	500	37.1079	88.0743	-803.0	MM	5.90	3.32	0.64	0.562	5.192	9.242	1356.	39.	6.	753.0	29.2	1
118	10	508	37.1079	88.0749	-804.2	MM	6.23	1.55	1.01	0.0	0.0	6.190	1437.	29.	9.	753.5	29.2	1
119	0	552	37.1079	88.0756	-809.2	QAL	7.60	2.37	1.16	0.312	2.036	6.525	1511.	33.	8.	754.0	29.2	1
120	0	576	37.1079	88.0762	-806.2	QAL	8.12	2.42	1.01	0.298	2.395	8.044	1489.	37.	7.	754.0	29.2	1
121	10	536	37.1078	88.0768	-802.0	QAL	7.41	1.24	1.00	0.0	0.0	7.388	1350.	38.	6.	755.0	29.2	1
122	0	516	37.1078	88.0774	-807.7	MM	7.57	4.39	0.87	0.580	5.025	8.658	1441.	29.	3.	754.0	29.2	1
123	10	552	37.1078	88.0781	-808.0	MM	7.44	0.42	1.10	0.0	0.0	6.762	1475.	37.	8.	753.0	29.3	1
124	10	520	37.1078	88.0788	-804.7	MM	8.29	1.32	0.93	0.0	0.0	8.865	1512.	42.	7.	754.5	29.3	1
125	0	492	37.1078	88.0794	-807.2	MM	4.74	2.23	0.84	0.471	2.656	5.643	1307.	51.	11.	754.0	29.1	1
126	0	500	37.1077	88.0799	-809.5	MM	5.65	1.94	1.08	0.343	1.799	5.245	1427.	35.	9.	753.0	29.3	1
127	10	556	37.1077	88.0806	-806.5	MM	8.23	1.89	0.97	0.0	0.0	8.457	1602.	37.	9.	754.0	29.3	1
128	10	564	37.1077	88.0813	-804.5	MM	6.41	1.14	1.11	0.0	0.0	5.788	1490.	41.	8.	753.0	29.3	1
129	0	564	37.1077	88.0819	-801.5	MM	7.79	3.45	0.84	0.443	4.111	9.285	1614.	45.	5.	751.9	29.3	1
130	0	572	37.1077	88.0825	-800.7	MM	8.55	2.66	0.98	0.311	2.722	8.750	1600.	49.	5.	752.4	29.3	1
131	0	572	37.1077	88.0831	-807.0	MM	7.42	3.80	0.79	0.512	4.781	9.341	1564.	36.	5.	752.4	29.2	1
132	0	576	37.1077	88.0838	-806.7	MM	4.67	4.49	1.38	0.961	3.260	3.393	1526.	44.	4.	753.5	29.3	1
133	0	576	37.1077	88.0844	-803.0	MM	6.22	4.47	0.55	0.719	8.055	11.207	1526.	38.	7.	754.5	29.3	1
134	10	580	37.1076	88.0850	-805.7	MM	9.64	0.47	1.14	0.0	0.0	8.493	1498.	37.	9.	754.5	29.3	1
135	0	580	37.1076	88.0857	-807.5	MM	8.79	3.02	0.89	0.344	3.411	9.912	1584.	34.	8.	754.5	29.3	1
136	0	572	37.1076	88.0863	-808.5	MM	7.84	2.35	1.07	0.299	2.186	7.312	1510.	37.	9.	754.0	29.3	1
137	0	568	37.1076	88.0870	-810.5	MM	5.44	2.89	0.82	0.531	3.503	6.600	1543.	53.	7.	753.0	29.3	1
138	10	560	37.1076	88.0876	-807.0	MM	7.80	0.99	1.30	0.0	0.0	5.979	1504.	37.	8.	753.0	29.4	1
139	0	556	37.1075	88.0882	-806.0	MM	7.85	4.18	0.84	0.533	4.997	9.369	1650.	34.	5.	753.5	29.4	1
140	0	552	37.1075	88.0889	-808.2	MM	7.80	3.72	1.08	0.477	3.460	7.253	1553.	36.	5.	752.4	29.4	1
141	0	552	37.1075	88.0895	-807.7	MM	6.76	4.02	0.91	0.595	4.425	7.436	1491.	38.	1.	752.4	29.4	1
142	10	552	37.1075	88.0902	-809.2	MM	5.11	1.42	1.10	0.0	0.0	4.655	1576.	36.	8.	753.0	29.4	1
143	0	544	37.1075	88.0907	-812.2	MM	6.80	5.30	0.99	0.779	5.365	6.890	1556.	33.	4.	754.0	29.3	1
144	0	540	37.1074	88.0914	-809.5	MM	6.88	3.36	0.92	0.488	3.655	7.492	1454.	59.	6.	755.0	29.3	1
145	0	536	37.1074	88.0920	-808.0	MM	6.15	2.70	1.02	0.439	2.637	6.002	1523.	41.	7.	755.0	29.4	1
146	10	536	37.1074	88.0926	-808.0	MM	7.84	0.86	1.00	0.0	0.0	7.810	1435.	56.	7.	755.0	29.5	1
147	0	528	37.1074	88.0933	-804.5	MM	6.05	4.36	0.88	0.721	4.967	6.891	1466.	50.	7.	756.1	29.5	1
148	0	512	37.1074	88.0939	-806.5	MM	7.14	3.40	0.78	0.476	4.385	9.210	1455.	37.	6.	757.1	29.5	1
149	0	500	37.1073	88.0945	-809.7	MM	7.29	4.88	0.82	0.670	5.940	8.864	1512.	41.	7.	756.6	29.6	1
150	0	488	37.1073	88.0952	-809.0	MM	7.34	3.34	0.82	0.454	4.081	8.980	1580.	35.	4.	755.5	29.6	1
151	0	468	37.1074	88.0958	-808.5	MM	7.77	3.21	1.11	0.413	2.905	7.034	1551.	41.	0.	754.5	29.6	1
152	0	452	37.1073	88.0965	-809.7	MM	7.31	3.00	1.06	0.411	2.824	6.871	1519.	37.	5.	754.5	29.7	1
153	0	444	37.1073	88.0971	-810.0	MM	5.45	1.78	1.05	0.326	1.693	5.193	1531.	49.	4.	754.5	29.7	1
154	0	440	37.1072	88.0977	-815.5	MM	8.41	3.82	0.86	0.454	4.453	9.804	1548.	44.	1.	754.5	29.7	1
155	0	440	37.1072	88.0983	-818.7	MM	6.12	3.46	0.84	0.566	4.112	7.270	1520.	45.	2.	754.5	29.7	1
156	0	440	37.1073	88.0990	-815.7	MM	8.35	2.44	0.74	0.293	3.302	11.282	1505.	52.	1.	755.5	29.7	1
157	0	436	37.1072	88.0996	-813.7	MM	6.48	3.19	0.96	0.492	3.329	6.761	1507.	53.	0.	755.0	29.8	1
158	0	436	37.1072	88.1003	-809.7	MM	8.89	2.43	1.28	0.273	1.889	6.922	1635.	39.	2.	755.0	29.8	1
159	0	440	37.1072	88.1008	-807.2	MM	7.89	3.93	0.81	0.498	4.859	9.753	1534.	48.	0.	757.1	29.8	1

CP9 IP12

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
160	0	448	37.1072	88.1015	-812.2	MM	8.07	1.86	1.16	0.230	1.602	6.953	1512.	49.	6.	757.1	29.8	1
161	0	444	37.1072	88.1022	-811.5	MM	9.40	2.85	1.03	0.303	2.769	9.132	1594.	51.	1.	756.1	29.8	1
162	0	440	37.1072	88.1030	-810.7	MM	7.94	4.30	0.96	0.542	4.501	8.306	1563.	35.	0.	757.1	29.8	1
163	0	448	37.1071	88.1036	-814.5	MM	7.64	2.42	0.96	0.316	2.513	7.946	1660.	32.	7.	757.1	29.8	1
164	0	456	37.1071	88.1043	-816.0	MM	7.95	1.62	1.02	0.204	1.596	7.812	1572.	47.	5.	755.5	29.9	1
165	10	464	37.1071	88.1050	-817.5	MM	5.79	0.68	1.30	0.0	0.0	4.459	1596.	46.	14.	756.6	29.9	1
166	0	464	37.1071	88.1057	-817.2	MM	6.31	3.35	0.94	0.531	3.573	6.728	1551.	43.	11.	758.1	29.9	1
167	0	460	37.1071	88.1064	-814.2	MM	8.43	2.83	1.15	0.335	2.458	7.331	1623.	48.	7.	757.1	29.8	1
168	0	460	37.1071	88.1071	-814.7	MM	8.02	2.99	1.02	0.373	2.923	7.847	1602.	37.	8.	755.0	29.9	1
169	0	464	37.1070	88.1079	-814.5	QAL	9.10	2.37	0.93	0.261	2.558	9.816	1588.	26.	8.	756.1	29.9	1
170	0	468	37.1070	88.1085	-807.7	QAL	7.33	2.11	1.13	0.288	1.872	6.501	1615.	33.	8.	757.1	29.9	1
171	10	484	37.1070	88.1092	-804.2	QAL	9.19	1.67	1.03	0.0	0.0	8.898	1541.	44.	7.	755.0	29.9	1
172	0	500	37.1070	88.1099	-811.0	QAL	8.86	2.05	1.09	0.232	1.880	8.119	1666.	29.	8.	755.5	29.9	1
173	10	496	37.1070	88.1105	-815.2	QAL	6.45	1.49	0.92	0.0	0.0	6.997	1565.	34.	11.	757.6	29.9	1
174	10	504	37.1070	88.1113	-815.5	QAL	9.22	1.83	1.22	0.0	0.0	7.558	1624.	43.	8.	757.1	30.0	1
175	0	512	37.1069	88.1120	-818.0	QAL	8.29	2.71	0.84	0.327	3.235	9.889	1519.	36.	10.	756.1	29.9	1
176	0	528	37.1070	88.1127	-820.0	MM	5.09	1.84	0.94	0.362	1.953	5.399	1563.	34.	13.	755.5	29.8	1
177	0	540	37.1070	88.1134	-817.2	MM	7.93	2.48	0.88	0.313	2.811	8.973	1449.	45.	11.	755.5	29.8	1
178	10	548	37.1069	88.1141	-815.5	MM	3.81	0.55	1.14	0.0	0.0	3.351	1445.	47.	14.	755.5	29.9	1
179	10	552	37.1069	88.1148	-817.5	MM	7.09	1.39	1.13	0.0	0.0	6.280	1520.	35.	13.	755.0	29.9	1
180	0	552	37.1069	88.1155	-819.7	MM	6.86	2.29	1.04	0.334	2.198	6.577	1559.	43.	12.	754.0	29.8	1
181	10	544	37.1069	88.1162	-819.5	MM	8.90	1.81	1.07	0.0	0.0	8.327	1579.	35.	11.	754.5	29.8	1
182	0	532	37.1069	88.1169	-819.2	MM	6.60	2.14	1.12	0.324	1.913	5.894	1549.	48.	3.	754.5	29.9	1
183	0	524	37.1069	88.1176	-818.0	MM	6.68	3.32	1.30	0.496	2.551	5.137	1643.	35.	9.	755.5	29.9	1
184	0	512	37.1068	88.1183	-814.5	MM	8.27	2.00	0.96	0.242	2.081	8.612	1590.	42.	4.	756.6	29.9	1
185	0	504	37.1068	88.1190	-817.0	MM	5.68	3.74	0.98	0.658	3.818	5.798	1622.	51.	4.	755.0	29.8	1
186	10	500	37.1068	88.1197	-822.5	MM	7.70	0.87	1.00	0.0	0.0	7.699	1507.	43.	7.	754.0	29.9	1
187	0	496	37.1068	88.1203	-823.0	MM	6.83	3.24	1.30	0.475	2.496	5.256	1629.	44.	3.	756.1	29.9	1
188	0	504	37.1068	88.1210	-819.7	MM	10.50	3.22	1.10	0.307	2.937	9.565	1662.	44.	0.	756.1	29.8	1
189	0	492	37.1068	88.1218	-820.7	MM	8.23	2.12	1.08	0.258	1.972	7.636	1596.	44.	5.	754.0	29.8	1
190	10	480	37.1067	88.1225	-822.7	MM	8.18	0.99	1.31	0.0	0.0	6.225	1538.	40.	4.	754.0	29.8	1
191	0	476	37.1067	88.1231	-818.5	MM	6.79	2.71	0.86	0.400	3.170	7.933	1564.	46.	5.	756.1	29.8	1
192	0	476	37.1067	88.1238	-816.2	MM	6.91	1.90	1.29	0.275	1.468	5.339	1591.	43.	7.	756.1	29.8	1
193	0	468	37.1067	88.1245	-822.2	MM	7.12	1.79	1.11	0.251	1.607	6.405	1605.	46.	9.	755.5	29.7	1
194	0	464	37.1067	88.1252	-823.2	MM	7.92	4.30	0.96	0.544	4.495	8.269	1663.	41.	7.	756.6	29.8	1
195	0	472	37.1067	88.1259	-823.0	MM	7.46	3.10	0.93	0.416	3.343	8.043	1512.	50.	9.	756.6	29.8	1
196	0	476	37.1067	88.1266	-822.5	MM	6.95	3.05	0.77	0.439	3.954	9.001	1519.	40.	9.	754.5	29.8	1
197	0	472	37.1067	88.1273	-819.5	MM	8.08	2.96	1.21	0.366	2.449	6.689	1717.	52.	7.	754.5	29.8	1
198	10	468	37.1067	88.1280	-820.2	MM	7.51	0.74	0.98	0.0	0.0	7.656	1605.	37.	9.	755.5	29.8	1
199	0	456	37.1066	88.1287	-822.5	MM	7.59	3.08	0.95	0.406	3.251	8.006	1551.	39.	4.	756.6	29.8	1
200	0	452	37.1066	88.1294	-822.2	MM	7.67	4.17	0.84	0.544	4.976	9.155	1633.	45.	6.	757.6	29.8	1
201	0	436	37.1066	88.1301	-822.0	MM	6.84	3.21	1.12	0.469	2.869	6.112	1535.	39.	5.	755.5	29.7	1
202	0	400	37.1066	88.1308	-820.5	MM	6.95	3.33	0.64	0.479	5.163	10.783	1405.	45.	5.	754.5	29.7	1
203	0	420	37.1066	88.1315	-820.2	MM	5.67	3.17	0.90	0.559	3.524	6.308	1532.	23.	9.	756.6	29.8	1
204	0	388	37.1066	88.1322	-821.5	MM	6.58	1.75	1.17	0.266	1.498	5.642	1412.	39.	7.	757.6	29.8	1
205	0	408	37.1065	88.1329	-819.5	MM	5.41	2.79	1.11	0.516	2.511	4.869	1447.	43.	10.	756.1	29.9	1
206	0	432	37.1065	88.1335	-816.5	MM	8.21	3.19	0.79	0.389	4.034	10.374	1527.	30.	7.	755.0	29.9	1
207	0	440	37.1065	88.1343	-815.2	MM	7.49	2.88	1.02	0.384	2.811	7.325	1560.	33.	12.	756.1	29.8	1
208	10	444	37.1065	88.1349	-818.2	MM	7.59	0.17	1.14	0.0	0.0	6.667	1554.	51.	15.	757.1	29.7	1
209	10	440	37.1065	88.1357	-821.5	MM	7.99	1.25	1.34	0.0	0.0	5.946	1663.	41.	12.	755.5	29.7	1
210	0	428	37.1065	88.1364	-820.0	MM	9.56	2.62	0.98	0.274	2.683	9.785	1691.	43.	11.	754.5	29.7	1
211	0	420	37.1064	88.1371	-818.7	MM	9.38	2.99	1.00	0.318	2.990	9.394	1678.	40.	8.	756.6	29.6	1
212	0	424	37.1064	88.1378	-821.2	MM	7.68	2.34	1.35	0.305	1.733	5.687	1731.	34.	8.	756.6	29.7	1

CP 9 IP 12

FLIGHT LINE 11 DAY 168 REDUCED DATA TEX-KENT 1979 PADUCAH

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
213	0	416	37.1065	88.1385	-821.5	MM	5.66	2.82	1.02	0.498	2.752	5.527	1569.	49.	9.	755.5	29.6	1
214	10	420	37.1064	88.1392	-821.0	MM	7.78	1.31	1.08	0.0	0.0	7.212	1544.	41.	11.	755.5	29.7	1
215	0	376	37.1064	88.1398	-823.7	MM	4.59	2.78	0.96	0.606	2.884	4.763	1387.	56.	4.	756.6	29.7	1
216	0	388	37.1064	88.1405	-824.5	MM	4.50	2.74	1.03	0.610	2.663	4.364	1408.	49.	6.	757.6	29.7	1
217	10	424	37.1064	88.1413	-819.7	MM	8.62	0.42	1.04	0.0	0.0	8.289	1554.	36.	7.	757.6	29.7	1
218	0	424	37.1064	88.1420	-816.0	MM	7.22	3.51	0.90	0.486	3.884	7.985	1530.	41.	3.	756.6	29.7	1
219	0	412	37.1064	88.1426	-818.2	MM	7.89	1.64	0.78	0.208	2.110	10.163	1386.	28.	7.	755.5	29.7	1
220	0	456	37.1063	88.1433	-823.7	MM	6.01	3.66	0.86	0.609	4.256	6.992	1454.	34.	8.	755.5	29.6	1
221	0	464	37.1063	88.1440	-823.0	MM	6.83	3.18	0.96	0.465	3.326	7.146	1468.	35.	10.	755.5	29.7	1
222	0	440	37.1063	88.1447	-822.7	MM	7.43	1.64	1.21	0.221	1.353	6.131	1348.	41.	11.	757.1	29.7	1
223	10	456	37.1063	88.1454	-822.0	MM	7.64	0.79	0.99	0.0	0.0	7.676	1273.	33.	9.	757.1	29.7	1
224	0	480	37.1063	88.1461	-819.0	MM	6.97	3.14	1.00	0.450	3.134	6.962	1398.	39.	11.	755.0	29.6	1
225	0	500	37.1063	88.1468	-819.7	MM	3.28	2.66	0.62	0.809	4.293	5.305	1275.	53.	13.	755.0	29.6	1
226	0	496	37.1062	88.1475	-822.2	MM	5.10	2.07	0.89	0.406	2.327	5.730	1317.	38.	13.	757.1	29.6	1
227	10	476	37.1062	88.1482	-823.7	MM	4.36	0.38	0.80	0.0	0.0	5.437	1179.	61.	11.	756.6	29.6	1
228	10	468	37.1062	88.1489	-824.7	MM	7.35	-0.29	1.08	0.0	0.0	6.775	1237.	38.	10.	754.5	29.7	1
229	0	460	37.1062	88.1496	-823.2	MM	5.78	2.70	0.74	0.467	3.660	7.833	1216.	51.	3.	755.5	29.6	1
230	0	464	37.1062	88.1503	-823.7	MM	4.47	2.87	0.80	0.642	3.588	5.585	1216.	43.	10.	756.6	29.6	1
231	0	480	37.1062	88.1510	-821.7	QAL	4.62	2.97	0.90	0.643	3.309	5.146	1361.	35.	6.	755.0	29.6	1
232	10	484	37.1061	88.1517	-817.2	QAL	5.00	0.87	1.00	0.0	0.0	4.990	1277.	49.	9.	755.0	29.7	1
233	0	496	37.1062	88.1524	-814.2	QAL	5.30	3.70	0.90	0.699	4.133	5.911	1332.	40.	8.	757.1	29.7	1
234	0	520	37.1062	88.1531	-813.0	QAL	3.13	2.74	0.97	0.876	2.830	3.229	1289.	55.	9.	756.1	29.7	1
235	10	528	37.1061	88.1538	-812.5	QAL	5.86	1.58	1.05	0.0	0.0	5.609	1291.	49.	12.	754.0	29.7	1
236	0	552	37.1061	88.1544	-818.0	QAL	6.24	4.91	0.66	0.787	7.475	9.504	1393.	39.	6.	754.5	29.7	1
237	0	592	37.1061	88.1551	-821.7	QAL	6.94	3.28	0.98	0.473	3.336	7.055	1397.	40.	5.	754.5	29.7	1
238	0	592	37.1060	88.1559	-820.0	QAL	5.39	2.87	1.15	0.533	2.500	4.689	1443.	46.	8.	755.5	29.7	1
239	0	592	37.1060	88.1566	-817.7	QAL	7.30	3.26	0.71	0.447	4.592	10.268	1532.	41.	7.	756.6	29.7	1
240	0	572	37.1060	88.1572	-813.7	QAL	9.14	2.09	1.09	0.228	1.918	8.399	1595.	40.	8.	756.6	29.7	1
241	10	532	37.1060	88.1579	-810.5	MM	4.28	1.55	1.18	0.0	0.0	3.613	1490.	45.	9.	754.5	29.7	1
242	0	536	37.1060	88.1587	-814.0	MM	5.30	2.35	1.17	0.444	2.003	4.514	1516.	48.	8.	755.0	29.7	1
243	0	540	37.1060	88.1593	-817.5	MM	7.77	2.94	1.01	0.379	2.906	7.670	1585.	35.	6.	757.1	29.7	1
244	0	496	37.1060	88.1600	-815.5	MM	5.92	3.28	1.05	0.554	3.118	5.627	1438.	39.	6.	756.1	29.8	1
245	0	476	37.1060	88.1608	-816.2	MM	5.48	2.58	0.99	0.470	2.609	5.554	1347.	40.	11.	755.0	29.8	1
246	0	480	37.1060	88.1615	-818.5	MM	5.05	2.09	1.04	0.413	1.997	4.834	1358.	46.	8.	756.1	29.8	1
247	0	456	37.1059	88.1621	-816.0	MM	6.84	2.92	0.59	0.426	4.917	11.533	1263.	49.	7.	757.1	29.8	1
248	10	428	37.1059	88.1629	-812.7	MM	4.09	1.28	1.06	0.0	0.0	3.863	1282.	36.	9.	755.5	29.8	1
249	0	420	37.1059	88.1635	-812.2	MM	2.98	3.43	0.85	1.154	4.020	3.484	1283.	42.	7.	754.5	29.8	1
250	0	424	37.1059	88.1642	-813.0	MM	6.85	2.62	0.88	0.382	2.957	7.743	1283.	34.	5.	755.5	29.8	1
251	0	468	37.1059	88.1649	-810.5	MM	6.66	1.95	1.12	0.293	1.741	5.944	1520.	26.	6.	756.6	29.8	1
252	0	504	37.1059	88.1656	-811.0	MM	8.35	2.05	1.38	0.245	1.488	6.068	1554.	43.	5.	755.5	29.8	1
253	0	516	37.1059	88.1664	-812.0	MM	6.24	3.57	1.10	0.572	3.234	5.658	1621.	25.	7.	754.5	29.8	1
254	0	512	37.1059	88.1670	-808.2	MM	6.76	4.57	0.64	0.677	7.115	10.517	1518.	36.	9.	755.5	29.8	1
255	10	492	37.1059	88.1677	-807.2	MM	7.50	1.47	0.87	0.0	0.0	8.581	1383.	48.	7.	756.6	29.8	1
256	0	484	37.1058	88.1684	-810.5	MM	7.20	1.98	0.61	0.274	3.216	11.721	1334.	49.	12.	755.5	29.8	1
257	10	460	37.1058	88.1691	-808.0	MM	4.32	-0.02	1.11	0.0	0.0	3.894	1269.	41.	13.	756.6	29.8	1
258	0	452	37.1058	88.1698	-805.5	MM	3.96	1.53	0.95	0.387	1.614	4.171	1321.	35.	12.	756.6	29.8	1
259	0	456	37.1057	88.1705	-811.5	MM	3.30	3.13	0.72	0.946	4.338	4.585	1307.	51.	8.	754.5	29.7	1
260	0	492	37.1057	88.1712	-811.5	MM	6.61	3.09	0.90	0.467	3.438	7.366	1414.	45.	7.	755.0	29.8	1
261	0	468	37.1058	88.1719	-807.7	MM	4.10	4.93	0.75	1.204	6.587	5.471	1468.	36.	4.	757.1	29.8	1
262	0	464	37.1057	88.1726	-810.0	MM	6.28	2.44	1.04	0.388	2.351	6.059	1451.	41.	6.	756.1	29.8	1
263	0	464	37.1057	88.1733	-809.0	MM	8.06	2.47	0.87	0.306	2.835	9.253	1425.	42.	3.	754.0	29.8	1
264	0	480	37.1057	88.1739	-804.2	MM	6.69	3.16	0.96	0.471	3.289	6.977	1565.	40.	5.	755.0	29.8	1
265	0	480	37.1057	88.1747	-805.5	MM	7.36	5.58	0.83	0.759	6.708	8.838	1637.	31.	2.	757.1	29.8	1

CP9 1P12

* ID	TAGS QUAL	ALT	* LOCATION LAT	LONG	MAG	RK.UNIT *	TH	U	K	U/TH	REDUCED DATA U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
266	0	484	37.1057	88.1754	-806.7	MM	5.84	5.47	1.29	0.938	4.228	4.508	1671.	33.	5.	757.1	29.8	1
267	0	492	37.1057	88.1761	-807.5	MM	6.72	3.33	0.93	0.495	3.576	7.217	1538.	44.	7.	755.0	29.8	1
268	0	500	37.1056	88.1767	-806.5	MM	6.76	3.05	1.18	0.451	2.588	5.735	1584.	33.	7.	755.0	29.9	1
269	0	508	37.1056	88.1774	-804.5	MM	7.91	2.52	1.00	0.319	2.516	7.898	1592.	50.	6.	756.1	29.8	1
270	0	520	37.1056	88.1781	-811.7	MM	6.23	3.25	1.08	0.521	3.021	5.798	1572.	46.	5.	755.0	29.9	1
271	0	544	37.1056	88.1788	-812.5	MM	4.52	3.78	1.02	0.836	3.715	4.442	1458.	47.	5.	755.0	29.8	1
272	0	540	37.1056	88.1795	-808.5	MM	8.50	3.07	1.01	0.361	3.044	8.442	1622.	30.	4.	756.1	29.8	1
273	0	516	37.1056	88.1802	-812.7	MM	8.10	3.91	0.60	0.483	6.555	13.574	1458.	36.	5.	756.6	29.7	1
274	10	460	37.1055	88.1810	-811.7	MM	5.54	0.80	0.90	0.0	0.0	6.146	1248.	39.	7.	755.0	29.7	1
275	0	488	37.1055	88.1816	-807.2	MM	6.65	2.87	1.07	0.432	2.693	6.231	1443.	32.	6.	755.0	29.7	1
276	0	504	37.1055	88.1823	-809.2	MM	6.82	3.29	0.85	0.482	3.851	7.983	1391.	49.	6.	755.5	29.7	1
277	0	504	37.1055	88.1831	-806.5	MM	6.92	3.86	0.98	0.557	3.949	7.085	1613.	33.	6.	755.5	29.7	1
278	0	516	37.1055	88.1837	-802.2	MM	6.82	3.73	1.00	0.548	3.745	6.840	1571.	50.	7.	756.1	29.7	1
279	0	500	37.1055	88.1844	-805.7	MM	7.50	4.13	0.90	0.551	4.576	8.303	1570.	32.	4.	757.1	29.7	1
280	10	488	37.1054	88.1851	-807.0	MM	6.82	1.47	1.12	0.0	0.0	6.116	1481.	52.	4.	756.1	29.7	1
281	0	492	37.1054	88.1859	-806.5	MM	4.19	2.77	0.94	0.661	2.952	4.468	1492.	41.	5.	754.5	29.7	1
282	0	492	37.1055	88.1865	-809.0	QAL	9.03	3.89	0.99	0.430	3.910	9.086	1456.	33.	2.	755.5	29.7	1
283	0	456	37.1054	88.1872	-808.2	QAL	7.21	3.29	0.69	0.456	4.773	10.461	1311.	51.	1.	756.6	29.8	1
284	0	484	37.1054	88.1879	-807.0	QAL	6.74	3.66	0.80	0.543	4.586	8.446	1351.	47.	2.	756.6	29.8	1
285	0	512	37.1054	88.1886	-806.2	QAL	6.15	2.16	1.22	0.351	1.779	5.062	1435.	33.	1.	754.5	29.8	1
286	0	500	37.1053	88.1893	-806.5	QAL	5.71	4.91	0.86	0.859	5.702	6.639	1271.	49.	1.	754.5	29.8	1
287	10	512	37.1053	88.1900	-804.2	QAL	7.63	1.04	1.02	0.0	0.0	7.501	1283.	38.	3.	755.5	29.7	1
288	0	524	37.1054	88.1907	-805.5	QAL	4.64	4.00	0.58	0.861	6.879	7.993	1370.	33.	2.	756.6	29.8	1
289	10	532	37.1053	88.1914	-809.5	QAL	5.94	0.80	1.09	0.0	0.0	5.456	1235.	34.	6.	755.5	29.8	1
290	0	540	37.1053	88.1921	-811.5	QAL	4.49	4.03	0.97	0.897	4.144	4.621	1283.	42.	4.	754.5	29.8	1
291	0	544	37.1053	88.1928	-812.2	QAL	5.33	2.81	0.80	0.528	3.517	6.658	1195.	46.	5.	755.5	29.8	1
292	0	536	37.1053	88.1934	-810.5	QAL	4.38	2.40	0.87	0.549	2.777	5.061	1225.	38.	4.	757.6	29.9	1
293	10	528	37.1053	88.1942	-809.2	QAL	5.16	0.27	0.79	0.0	0.0	6.571	1209.	36.	11.	756.6	29.9	1
294	10	528	37.1053	88.1949	-813.5	QAL	4.28	1.59	0.58	0.0	0.0	7.361	1167.	45.	9.	755.5	29.9	1
295	10	544	37.1052	88.1956	-811.7	QAL	5.53	0.94	0.91	0.0	0.0	6.106	1305.	38.	9.	754.5	29.9	1
296	10	544	37.1052	88.1962	-810.5	QAL	4.42	1.77	0.69	0.0	0.0	6.356	1214.	37.	13.	754.5	29.9	1
297	10	548	37.1052	88.1969	-814.7	QAL	7.01	1.93	0.64	0.0	0.0	10.966	1276.	39.	12.	755.5	29.9	1
298	10	532	37.1052	88.1977	-813.5	MM	5.28	1.66	0.66	0.0	0.0	8.027	1255.	38.	11.	755.5	29.9	1
299	0	536	37.1052	88.1983	-809.5	MM	6.76	3.58	0.78	0.530	4.597	8.675	1329.	35.	11.	754.5	29.9	1
300	10	512	37.1052	88.1990	-810.7	MM	4.85	1.18	0.60	0.0	0.0	8.049	1201.	33.	11.	754.5	29.9	1
301	0	476	37.1051	88.1997	-812.0	MM	2.99	2.39	0.66	0.801	3.644	4.549	1160.	36.	13.	756.6	29.9	1
302	10	472	37.1051	88.2004	-813.0	MM	4.32	1.43	1.01	0.0	0.0	4.264	1213.	48.	9.	755.5	29.8	1
303	10	480	37.1051	88.2011	-813.7	MM	6.51	1.63	0.82	0.0	0.0	7.893	1241.	38.	11.	754.5	29.9	1
304	0	524	37.1051	88.2018	-812.0	MM	5.26	3.44	0.81	0.654	4.246	6.493	1280.	46.	11.	755.5	29.8	1
305	0	536	37.1051	88.2025	-813.7	MM	5.53	2.33	1.00	0.422	2.343	5.553	1326.	47.	10.	755.5	29.8	1
306	0	548	37.1051	88.2032	-817.0	MM	5.66	2.71	1.00	0.478	2.712	5.675	1419.	46.	9.	755.5	29.9	1
307	10	572	37.1050	88.2039	-818.0	MM	7.56	-0.08	1.20	0.0	0.0	6.288	1387.	49.	12.	754.5	29.9	1
308	0	560	[illegible].1050	88.2046	-819.0	MM	4.82	2.87	0.97	0.596	2.962	4.972	1366.	49.	9.	754.5	29.9	1
309	0	576	37.1051	88.2052	-822.2	MM	6.05	3.82	0.62	0.632	6.149	9.729	1503.	34.	11.	756.6	29.8	1
310	0	604	37.1051	88.2060	-823.5	MM	5.96	3.19	0.90	0.535	3.527	6.595	1510.	30.	8.	755.5	29.9	1
311	0	616	37.1051	88.2067	-825.5	MM	7.16	3.94	0.93	0.550	4.240	7.706	1531.	36.	8.	753.5	29.8	1
312	10	608	37.1051	88.2073	-823.2	QAL	8.01	1.95	0.92	0.0	0.0	8.680	1452.	31.	11.	754.5	29.8	1
313	0	584	37.1051	88.2080	-820.7	QAL	6.57	2.20	1.19	0.335	1.850	5.528	1524.	40.	9.	755.0	29.8	1
314	0	556	37.1051	88.2087	-819.2	QAL	4.73	2.05	0.86	0.434	2.392	5.509	1356.	47.	9.	755.0	29.8	1
315	0	548	37.1051	88.2094	-820.7	QAL	4.67	2.65	0.93	0.567	2.857	5.035	1382.	48.	13.	756.6	29.8	1
316	10	540	37.1051	88.2101	-822.7	QAL	7.40	1.31	0.84	0.0	0.0	8.791	1251.	49.	13.	755.5	29.9	1
317	0	520	37.1051	88.2108	-827.5	QAL	4.76	1.90	0.45	0.399	4.199	10.532	1171.	34.	15.	753.5	29.9	1
318	10	564	37.1051	88.2115	-830.7	QAL	4.54	0.30	0.86	0.0	0.0	5.296	1270.	39.	18.	755.0	29.9	1

CP 9 IP 12

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
319	0	620	37.1051	88.2122	-827.5		QAL	8.10	3.27	0.80	0.404	4.094	10.123	1423.	35.	18.	756.1	29.9	1
320	10	620	37.1051	88.2129	-827.2		QAL	6.40	0.88	0.73	0.0	0.0	8.747	1392.	54.	16.	755.0	30.0	1
321	10	616	37.1052	88.2135	-831.7		QAL	7.92	-0.21	1.16	0.0	0.0	6.817	1426.	41.	17.	754.0	30.0	1
322	10	616	37.1052	88.2143	-831.5	(WATER)		5.98	0.51	0.79	0.0	0.0	7.572	1364.	44.	13.	754.5	30.0	1
323	10	616	37.1052	88.2150	-832.0	(WATER)		4.96	1.55	0.72	0.0	0.0	6.903	1305.	44.	14.	755.5	30.1	1
324	0	620	37.1052	88.2156	-833.2	(WATER)		6.80	2.30	0.65	0.339	3.546	10.475	1165.	38.	12.	756.1	30.1	1
325	10	612	37.1052	88.2163	-830.7	(WATER)		4.12	0.92	0.79	0.0	0.0	5.238	945.	46.	10.	754.0	30.1	1
326	10	596	37.1052	88.2170	-830.5		QAL	4.98	-0.78	0.25	0.0	0.0	20.041	805.	41.	10.	754.0	30.1	1
327	0	652	37.1052	88.2177	-834.7		QAL	3.62	3.06	0.60	0.844	5.129	6.078	926.	30.	10.	756.1	30.2	1
328	10	656	37.1052	88.2184	-833.2		QAL	6.86	0.66	0.66	0.0	0.0	10.440	1140.	39.	13.	755.0	30.2	1
329	0	644	37.1052	88.2191	-838.2		QAL	3.62	2.71	0.82	0.748	3.317	4.431	1265.	46.	9.	753.0	30.2	1
330	0	640	37.1052	88.2198	-841.2		QAL	6.42	2.51	0.85	0.391	2.938	7.510	1437.	35.	9.	754.5	30.1	1
331	0	640	37.1052	88.2205	-836.5		QT-2	7.19	3.70	1.29	0.515	2.865	5.566	1631.	40.	10.	755.5	30.0	1
332	10	636	37.1052	88.2212	-837.2		QT-2	10.22	0.54	1.33	0.0	0.0	7.661	1689.	39.	10.	754.0	30.0	1
333	0	632	37.1053	88.2218	-843.7		QT-2	6.88	3.27	1.25	0.476	2.611	5.491	1758.	37.	9.	755.0	29.9	1
334	10	624	37.1053	88.2226	-843.7		QT-2	8.03	1.37	1.13	0.0	0.0	7.089	1607.	34.	11.	756.1	29.9	1
335	0	612	37.1053	88.2232	-842.2		QT-2	9.02	2.85	1.07	0.316	2.647	8.388	1657.	50.	10.	755.0	29.9	1
336	0	612	37.1053	88.2239	-842.2		MM	7.06	2.87	1.11	0.407	2.581	6.337	1607.	40.	10.	755.0	29.9	1
337	0	600	37.1053	88.2247	-840.2		MM	5.37	2.68	1.12	0.499	2.386	4.780	1479.	35.	12.	755.0	29.9	1
338	10	592	37.1053	88.2253	-841.7		MM	8.31	1.04	0.92	0.0	0.0	9.044	1526.	36.	12.	753.5	29.9	1
339	10	588	37.1053	88.2260	-847.5		MM	9.61	1.75	0.82	0.0	0.0	11.700	1545.	48.	13.	754.5	29.9	1
340	0	596	37.1053	88.2268	-848.5		MM	8.36	2.61	1.13	0.312	2.300	7.370	1668.	28.	9.	756.6	29.9	1
341	10	608	37.1053	88.2274	-847.0		MM	6.27	1.43	0.93	0.0	0.0	6.714	1599.	46.	17.	755.5	29.9	1
342	10	608	37.1053	88.2281	-847.2		MM	6.65	1.51	0.82	0.0	0.0	8.162	1565.	36.	16.	754.5	29.9	1
343	10	596	37.1053	88.2287	-848.0		MM	6.94	1.11	1.04	0.0	0.0	6.672	1636.	41.	13.	754.5	29.9	1
344	10	580	37.1053	88.2295	-850.0		MM	7.75	0.99	0.81	0.0	0.0	9.563	1563.	32.	16.	755.5	30.0	1
345	10	580	37.1054	88.2302	-854.0		MM	6.46	1.50	1.04	0.0	0.0	6.204	1530.	43.	14.	756.6	29.9	1
346	0	592	37.1054	88.2308	-852.7		MM	6.79	3.01	0.89	0.443	3.367	7.604	1546.	31.	8.	755.0	29.9	1
347	10	564	37.1054	88.2315	-851.0		MM	6.93	1.03	0.97	0.0	0.0	7.141	1439.	48.	13.	753.5	29.9	1
348	0	536	37.1054	88.2322	-855.7		MM	3.66	4.49	0.48	1.228	9.342	7.606	1338.	39.	10.	754.5	29.9	1
349	0	484	37.1054	88.2329	-856.7		MM	3.92	2.01	0.99	0.514	2.030	3.951	1200.	54.	7.	756.6	29.9	1
350	0	472	37.1054	88.2336	-856.0		MM	6.06	2.10	0.64	0.346	3.257	9.411	1245.	33.	8.	755.5	29.9	1
351	10	480	37.1054	88.2343	-858.7		MM	5.06	1.56	0.59	0.0	0.0	8.537	1147.	42.	10.	753.5	29.9	1
352	0	444	37.1054	88.2350	-858.7		MM	6.04	1.66	0.60	0.275	2.753	10.016	1084.	34.	9.	754.5	29.9	1
353	0	460	37.1054	88.2357	-859.0		MM	4.51	2.16	0.45	0.478	4.804	10.053	1104.	45.	9.	756.6	29.9	1
354	10	460	37.1054	88.2364	-857.7		MM	5.52	0.68	0.65	0.0	0.0	8.565	1071.	49.	9.	756.6	29.9	1
355	0	460	37.1054	88.2370	-861.0		MM	3.11	2.74	0.64	0.882	4.300	4.873	1090.	55.	11.	757.6	29.9	1
356	10	460	37.1054	88.2377	-867.2		MM	5.36	0.69	0.73	0.0	0.0	7.317	1132.	48.	13.	757.6	29.9	1
357	0	484	37.1055	88.2385	-869.7		MM	3.01	1.63	0.95	0.541	1.717	3.172	1178.	36.	13.	756.6	29.9	1
358	0	552	37.1055	88.2391	-864.2		MM	5.61	2.71	1.07	0.483	2.540	5.255	1350.	34.	10.	754.5	29.9	1
359	10	496	37.1055	88.2398	-865.0		MM	5.58	1.68	0.85	0.0	0.0	6.562	1258.	35.	12.	753.5	29.9	1
360	10	452	37.1055	88.2405	-867.0		MM	4.87	-0.80	0.84	0.0	0.0	5.808	1111.	46.	13.	755.5	29.9	1
361	10	488	37.1055	88.2412	-867.2		MM	6.25	1.75	0.81	0.0	0.0	7.746	1144.	45.	13.	757.6	29.9	1
362	0	472	37.1055	88.2419	-871.7		MM	3.46	1.68	0.53	0.487	3.175	6.519	1017.	40.	14.	756.6	30.0	1
363	0	468	37.1055	88.2426	-873.0		MM	4.04	2.75	0.35	0.679	7.867	11.583	1037.	49.	14.	755.0	30.0	1
364	10	488	37.1055	88.2433	-872.7		MM	4.31	0.59	0.77	0.0	0.0	5.568	1121.	50.	16.	755.0	30.0	1
365	10	528	37.1055	88.2440	-875.2		MM	6.83	0.19	0.96	0.0	0.0	7.083	1278.	40.	16.	756.1	30.0	1
366	10	572	37.1055	88.2446	-874.2		MM	8.57	-0.01	1.11	0.0	0.0	7.722	1528.	47.	17.	757.6	30.0	1
367	0	572	37.1055	88.2453	-875.5		MM	6.12	2.54	0.91	0.414	2.791	6.735	1494.	45.	13.	757.6	30.0	1
368	10	560	37.1055	88.2461	-878.5		MM	7.58	0.72	0.87	0.0	0.0	8.761	1400.	37.	12.	755.5	30.0	1
369	10	528	37.1056	88.2467	-877.2		MM	4.18	0.53	0.79	0.0	0.0	5.288	1236.	48.	13.	755.0	29.9	1
370	0	528	37.1056	88.2474	-877.5		MM	3.82	4.09	0.39	1.071	10.619	9.918	1231.	42.	8.	756.1	30.0	1
371	0	516	37.1056	88.2482	-878.5		MM	3.91	2.37	0.47	0.605	4.996	8.252	1209.	31.	10.	757.1	29.9	1

CP9 IP 12
CP9 IP 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
372	10	532	37.1056	88.2488	-880.5	MM	5.04	1.41	0.85	0.0	0.0	5.903	1229.	35.	8.	756.6	30.0	1
373	0	568	37.1056	88.2495	-885.7	MM	3.94	2.54	0.97	0.644	2.615	4.061	1237.	57.	7.	756.6	30.0	1
374	10	576	37.1056	88.2502	-885.2	MM	7.68	0.16	0.95	0.0	0.0	8.118	1333.	33.	12.	757.1	30.0	1
375	10	572	37.1056	88.2509	-884.0	MM	5.79	0.65	1.08	0.0	0.0	5.347	1293.	38.	14.	756.1	30.0	1
376	10	580	37.1057	88.2516	-887.0	MM	6.38	0.78	0.75	0.0	0.0	8.559	1293.	30.	14.	754.5	30.0	1
377	0	588	37.1057	88.2522	-884.2	MM	4.70	2.53	0.76	0.538	3.327	6.183	1300.	33.	14.	755.0	30.0	1
378	10	596	37.1057	88.2530	-883.0	MM	6.74	0.54	0.94	0.0	0.0	7.150	1318.	44.	17.	756.1	30.0	1
379	10	596	37.1057	88.2537	-886.5	MM	4.32	0.68	0.95	0.0	0.0	4.553	1268.	32.	16.	756.6	30.0	1
380	10	592	37.1057	88.2543	-891.7	MM	3.77	-0.49	1.06	0.0	0.0	3.553	1238.	40.	14.	755.5	30.0	1
381	10	588	37.1057	88.2550	-897.0	MM	3.69	0.79	1.07	0.0	0.0	3.433	1291.	44.	15.	755.0	29.9	1
382	10	584	37.1057	88.2558	-895.5	MM	6.53	1.13	0.92	0.0	0.0	7.134	1303.	43.	11.	755.0	29.9	1
383	10	580	37.1057	88.2564	-892.0	MM	7.65	2.01	0.77	0.0	0.0	9.962	1309.	41.	10.	756.1	29.9	1
384	10	572	37.1057	88.2571	-892.5	MM	8.51	0.56	1.00	0.0	0.0	8.481	1298.	48.	13.	757.6	29.9	1
385	10	564	37.1057	88.2579	-893.2	MM	5.51	0.17	0.70	0.0	0.0	7.895	1276.	46.	9.	757.6	29.9	1
386	0	560	37.1057	88.2585	-893.5	MM	4.07	4.13	0.84	1.016	4.908	4.832	1357.	32.	6.	755.5	29.9	1
387	0	560	37.1057	88.2592	-897.2	MM	4.46	2.20	0.56	0.493	3.897	7.902	1262.	40.	7.	755.0	29.9	1
388	0	560	37.1057	88.2599	-902.5	MM	2.72	5.70	0.65	2.100	8.836	4.207	1304.	41.	4.	756.1	29.9	1
389	0	560	37.1057	88.2605	-901.7	MM	6.78	2.34	0.94	0.346	2.502	7.238	1405.	29.	8.	756.1	29.9	1
390	0	548	37.1057	88.2613	-902.0	MM	5.32	3.81	0.77	0.716	4.966	6.934	1420.	38.	7.	756.6	29.9	1
391	10	512	37.1058	88.2619	-904.0	MM	5.41	1.30	0.65	0.0	0.0	8.353	1195.	37.	10.	757.6	29.9	1
392	0	472	37.1058	88.2626	-900.5	MM	5.33	1.67	0.64	0.313	2.603	8.320	1170.	39.	10.	757.6	30.0	1
393	0	476	37.1058	88.2634	-901.0	MM	4.76	2.50	0.84	0.525	2.973	5.666	1220.	43.	11.	756.1	30.0	1
394	10	464	37.1058	88.2640	-906.0	MM	5.25	1.19	0.53	0.0	0.0	9.833	1199.	42.	11.	755.0	30.1	1
395	10	480	37.1059	88.2647	-905.0	MM	5.78	1.55	0.82	0.0	0.0	7.045	1269.	42.	10.	755.0	30.1	1
396	10	544	37.1059	88.2655	-902.7	MM	6.49	1.77	0.97	0.0	0.0	6.709	1325.	46.	7.	756.6	30.2	1
397	0	552	37.1059	88.2661	-907.0	MM	5.22	3.25	1.11	0.623	2.927	4.701	1495.	32.	13.	756.6	30.2	1
398	0	552	37.1059	88.2668	-907.0	MM	5.81	3.32	0.73	0.572	4.571	7.994	1455.	38.	8.	754.5	30.1	1
399	0	544	37.1059	88.2675	-906.5	MM	7.24	1.89	0.82	0.260	2.293	8.806	1384.	34.	6.	754.5	30.1	1
400	0	480	37.1059	88.2681	-909.0	MM	5.49	2.80	1.09	0.511	2.567	5.024	1337.	40.	6.	755.5	30.0	1
401	10	496	37.1059	88.2689	-908.5	MM	4.36	0.91	1.06	0.0	0.0	4.103	1342.	31.	9.	756.6	30.0	1
402	10	460	37.1059	88.2696	-911.2	MM	5.42	0.77	0.69	0.0	0.0	7.832	1205.	43.	11.	755.5	30.1	1
403	0	436	37.1059	88.2702	-913.5	MM	6.50	1.69	0.77	0.260	2.199	8.455	1193.	31.	8.	754.5	30.0	1
404	10	432	37.1059	88.2710	-909.5	MM	6.93	1.37	0.74	0.0	0.0	9.380	1284.	37.	8.	753.5	30.1	1
405	0	444	37.1059	88.2717	-911.0	MM	6.08	2.58	0.90	0.424	2.853	6.723	1330.	37.	11.	755.5	30.1	1
406	0	448	37.1059	88.2723	-914.5	MM	7.31	2.51	0.72	0.343	3.501	10.209	1298.	45.	10.	756.6	30.1	1
407	0	468	37.1060	88.2731	-913.2	MM	6.25	1.65	1.07	0.263	1.532	5.817	1541.	32.	9.	756.6	30.1	1
408	0	476	37.1060	88.2737	-914.2	MM	5.57	3.75	0.85	0.673	4.404	6.548	1473.	34.	9.	755.0	30.1	1
409	0	476	37.1060	88.2744	-917.0	MM	7.19	2.81	1.08	0.391	2.603	6.650	1555.	39.	5.	754.0	30.1	1
410	0	476	37.1060	88.2751	-916.7	MM	9.35	2.19	1.23	0.235	1.779	7.586	1585.	47.	4.	756.1	30.1	1
411	0	488	37.1060	88.2757	-918.5	MM	6.50	3.47	1.00	0.535	3.466	6.482	1454.	42.	3.	757.1	30.0	1
412	0	484	37.1060	88.2765	-917.5	MM	7.08	4.02	1.27	0.567	3.167	5.582	1574.	28.	0.	755.5	30.0	1
413	0	492	37.1060	88.2772	-917.7	MM	6.46	2.70	1.04	0.418	2.593	6.208	1393.	36.	2.	754.5	30.0	1
414	0	496	37.1060	88.2778	-920.7	MM	5.36	3.13	1.09	0.584	2.869	4.912	1427.	52.	1.	755.5	30.0	1
415	0	504	37.1060	88.2786	-921.0	MM	5.59	3.75	0.97	0.671	3.884	5.792	1601.	33.	1.	757.1	29.9	1
416	0	500	37.1060	88.2793	-921.2	MM	7.42	2.77	0.95	0.373	2.930	7.853	1516.	43.	5.	757.1	30.0	1
417	0	496	37.1060	88.2799	-922.2	MM	7.00	4.32	0.85	0.618	5.098	8.250	1596.	40.	6.	756.1	30.0	1
418	0	488	37.1060	88.2807	-921.7	MM	8.78	2.98	1.06	0.340	2.828	8.317	1695.	41.	6.	755.0	30.0	1
419	0	480	37.1060	88.2814	-923.2	MM	6.65	3.77	1.27	0.568	2.963	5.220	1652.	35.	8.	756.6	30.0	1
420	0	468	37.1060	88.2820	-927.5	MM	8.86	2.08	0.95	0.235	2.195	9.349	1606.	37.	8.	757.6	30.0	1
421	0	468	37.1060	88.2827	-927.2	MM	5.95	2.03	0.83	0.341	2.444	7.161	1568.	55.	10.	756.6	29.9	1
422	0	456	37.1060	88.2834	-926.5	MM	5.91	2.74	1.18	0.463	2.326	5.020	1549.	43.	7.	755.5	30.0	1
423	0	432	37.1061	88.2840	-928.2	MM	9.04	2.02	0.86	0.223	2.349	10.530	1492.	39.	10.	755.0	30.0	1
424	0	408	37.1061	88.2848	-927.2	MM	7.52	2.81	0.97	0.374	2.889	7.727	1524.	35.	8.	756.1	30.1	1

CP9 IP 12

FLIGHT LINE 11 DAY 168 REDUCED DATA TEX-KENT 1979 PADUCAH PAGE NO 542

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
425	0	440	37.1061	88.2854	-925.0	MM	8.01	2.73	1.04	0.341	2.638	7.726	1590.	35.	11.	757.1	30.0	1
426	0	440	37.1061	88.2862	-925.2	MM	7.29	2.17	0.91	0.298	2.385	7.995	1469.	50.	9.	756.6	30.0	1
427	0	444	37.1061	88.2869	-928.7	MM	8.74	1.79	1.13	0.205	1.579	7.715	1564.	37.	9.	756.6	30.0	1
428	0	456	37.1062	88.2875	-931.5	MM	6.72	2.58	1.02	0.385	2.528	6.573	1510.	32.	10.	757.1	30.0	1
429	0	476	37.1062	88.2882	-931.2	MM	6.04	3.50	1.00	0.578	3.504	6.058	1467.	45.	10.	756.1	30.1	1
430	0	492	37.1062	88.2890	-932.2	MM	7.63	4.06	1.00	0.532	4.052	7.623	1541.	27.	6.	755.0	30.1	1
431	0	504	37.1062	88.2896	-936.2	MM	6.15	2.42	1.12	0.393	2.151	5.473	1499.	52.	9.	755.5	30.1	1
432	10	508	37.1062	88.2903	-936.5	MM	5.77	1.47	0.98	0.0	0.0	5.886	1509.	36.	11.	755.5	30.1	1
433	0	512	37.1062	88.2910	-931.0	QAL	6.57	3.97	0.99	0.603	4.000	6.630	1488.	34.	2.	756.6	30.1	1
434	10	512	37.1062	88.2916	-930.5	QAL	6.64	0.69	1.03	0.0	0.0	6.428	1428.	44.	8.	756.6	30.1	1
435	0	512	37.1062	88.2924	-935.2	QAL	4.62	5.06	0.71	1.095	7.106	6.491	1417.	39.	2.	754.5	30.1	1
436	0	508	37.1062	88.2931	-938.5	QAL	6.09	3.43	0.71	0.563	4.838	8.586	1362.	45.	5.	754.5	30.1	1
437	0	508	37.1062	88.2937	-935.2	QAL	7.09	2.65	0.95	0.374	2.802	7.496	1475.	30.	5.	756.6	30.1	1
438	0	508	37.1062	88.2945	-933.7	MM	7.20	2.72	1.01	0.378	2.690	7.124	1439.	33.	4.	757.6	30.1	1
439	0	508	37.1062	88.2951	-938.2	MM	7.78	1.77	1.18	0.228	1.503	6.607	1479.	44.	4.	757.6	30.1	1
440	0	512	37.1062	88.2959	-939.0	MM	7.05	2.34	0.93	0.332	2.527	7.608	1488.	35.	10.	756.6	30.1	1
441	0	512	37.1062	88.2966	-934.2	MM	3.95	4.88	1.01	1.234	4.845	3.926	1445.	37.	7.	754.5	30.1	1
442	10	516	37.1062	88.2973	-935.0	MM	5.65	1.71	1.08	0.0	0.0	5.229	1545.	39.	11.	754.5	30.1	1
443	10	516	37.1062	88.2980	-938.2	MM	6.46	1.40	1.31	0.0	0.0	4.919	1491.	36.	15.	756.1	30.1	1
444	10	516	37.1062	88.2987	-944.5	MM	7.77	1.48	1.02	0.0	0.0	7.633	1507.	39.	15.	757.1	30.1	1
445	0	508	37.1062	88.2994	-943.0	MM	5.25	2.06	0.96	0.392	2.148	5.484	1417.	46.	11.	757.1	30.0	1
446	10	456	37.1062	88.3001	-939.5	MM	5.61	1.44	0.96	0.0	0.0	5.852	1281.	37.	12.	756.1	30.1	1
447	0	456	37.1062	88.3008	-944.0	MM	5.64	2.55	0.89	0.452	2.872	6.348	1465.	48.	9.	754.5	30.1	1
448	0	500	37.1062	88.3015	-944.5	MM	6.85	2.34	0.98	0.342	2.384	6.970	1519.	36.	7.	754.5	30.1	1
449	0	500	37.1062	88.3023	-942.7	MM	6.18	3.10	1.39	0.501	2.235	4.463	1615.	43.	7.	755.5	30.2	1
450	0	496	37.1062	88.3030	-943.5	MM	6.16	3.99	0.99	0.648	4.030	6.218	1546.	46.	4.	757.6	30.2	1
451	0	496	37.1062	88.3037	-943.5	MM	6.75	2.74	1.14	0.406	2.403	5.925	1656.	37.	5.	756.6	30.2	1
452	0	488	37.1062	88.3044	-945.7	MM	5.44	2.52	0.99	0.464	2.543	5.483	1512.	42.	4.	755.0	30.2	1
453	0	480	37.1062	88.3051	-946.2	MM	6.48	1.64	1.01	0.253	1.627	6.439	1477.	43.	5.	755.0	30.1	1
454	0	440	37.1062	88.3058	-946.7	MM	7.94	1.95	0.96	0.246	2.021	8.230	1355.	38.	4.	756.1	30.1	1
455	0	440	37.1062	88.3065	-948.7	MM	6.72	3.00	0.74	0.447	4.064	9.094	1234.	44.	6.	756.6	30.1	1
456	0	440	37.1062	88.3072	-947.7	MM	6.96	2.24	1.15	0.322	1.951	6.051	1318.	44.	3.	756.6	30.1	1
457	0	440	37.1062	88.3079	-945.2	MM	6.97	2.61	0.57	0.375	4.610	12.290	130[illegible]	42.	3.	755.0	30.1	1
458	0	432	37.1062	88.3086	-948.0	MM	6.10	2.07	0.88	0.339	2.360	6.961	1388.	37.	7.	754.0	30.1	1
459	0	480	37.1062	88.3093	-946.7	MM	6.54	2.04	1.14	0.312	1.788	5.733	1547.	42.	8.	754.5	30.0	1
460	0	480	37.1062	88.3100	-946.2	MM	7.45	3.13	0.89	0.419	3.496	8.336	1591.	36.	9.	755.5	30.0	1
461	0	468	37.1062	88.3108	-948.2	MM	6.68	4.56	1.04	0.682	4.378	6.416	1607.	37.	7.	756.6	30.0	1
462	10	460	37.1062	88.3115	-945.5	MM	7.45	1.49	1.10	0.0	0.0	6.775	1536.	48.	10.	757.1	30.0	1
463	0	456	37.1062	88.3122	-944.2	MM	7.37	3.19	1.16	0.434	2.754	6.353	1655.	38.	7.	756.1	30.0	1
464	0	456	37.1062	88.3130	-948.5	MM	7.74	3.74	0.98	0.483	3.826	7.922	1702.	38.	7.	755.0	30.0	1
465	0	444	37.1062	88.3137	-948.0	MM	8.00	2.06	1.02	0.258	2.029	7.872	1576.	42.	9.	755.0	30.0	1
466	0	436	37.1062	88.3144	-950.2	MM	7.64	2.46	0.83	0.321	2.960	9.214	1607.	32.	7.	756.6	30.0	1
467	0	424	37.1062	88.3151	-951.7	MM	7.10	2.72	1.31	0.384	2.085	5.436	1654.	45.	7.	757.6	30.0	1
468	0	424	37.1062	88.3157	-949.0	MM	7.46	2.98	0.91	0.400	3.296	8.237	1539.	52.	7.	757.6	30.0	1
469	0	416	37.1061	88.3164	-948.0	MM	7.35	2.26	0.88	0.307	2.572	8.384	1554.	32.	11.	757.6	30.0	1
470	0	380	37.1061	88.3172	-950.0	MM	7.68	2.38	0.88	0.309	2.710	8.760	1448.	36.	9.	756.6	30.0	1
471	10	396	37.1061	88.3179	-952.7	MM	8.65	1.50	0.69	0.0	0.0	12.601	1463.	36.	11.	755.5	30.0	1
472	0	396	37.1062	88.3186	-955.7	MM	5.48	2.07	0.76	0.377	2.722	7.212	1383.	45.	12.	754.5	30.0	1
473	10	400	37.1062	88.3194	-957.0	MM	7.11	0.96	1.02	0.0	0.0	6.968	1428.	41.	12.	755.5	30.0	1
474	10	460	37.1062	88.3201	-953.2	MM	9.14	1.60	0.97	0.0	0.0	9.440	1549.	39.	14.	757.6	30.0	1
475	0	464	37.1062	88.3208	-953.2	MM	7.62	1.81	0.96	0.238	1.893	7.960	1606.	42.	15.	757.6	30.0	1
476	10	420	37.1062	88.3215	-954.5	MM	6.85	0.96	0.85	0.0	0.0	8.013	1427.	46.	14.	756.6	30.0	1
477	0	372	37.1062	88.3222	-951.7	MM	5.35	1.81	0.70	0.338	2.578	7.629	1294.	35.	13.	754.5	29.9	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
478	0	368	37.1061	88.3229	-951.7	MM	4.34	1.40	0.84	0.323	1.676	5.188	1218.	39.	14.	754.5	30.0	1
479	0	372	37.1061	88.3236	-951.7	QAL	5.06	1.79	0.60	0.355	2.970	8.372	1206.	37.	16.	756.6	30.0	1
480	10	388	37.1061	88.3243	-946.7	QAL	4.40	1.42	0.82	0.0	0.0	5.364	1273.	43.	16.	757.6	30.0	1
481	0	392	37.1061	88.3251	948.2	QAL	4.42	2.13	0.85	0.483	2.524	5.229	1269.	35.	12.	756.6	29.9	1
482	10	404	37.1061	88.3257	-953.7	QAL	6.08	0.62	0.97	0.0	0.0	6.260	1310.	42.	10.	755.5	30.0	1
483	0	404	37.1061	88.3264	-950.5	QAL	5.29	2.33	0.72	0.441	3.253	7.369	1303.	37.	13.	755.5	30.0	1
484	0	424	37.1061	88.3272	-948.2	QAL	7.56	1.74	1.01	0.230	1.716	7.473	1347.	48.	9.	755.5	30.0	1
485	0	436	37.1062	88.3279	-948.0	QAL	4.07	3.00	0.73	0.735	4.093	5.567	1274.	45.	12.	756.6	30.0	1
486	0	468	37.1062	88.3286	-948.0	QAL	4.48	2.02	0.69	0.452	2.931	6.490	1425.	47.	14.	757.6	30.0	1
487	0	492	37.1062	88.3293	-951.7	QAL	5.12	2.80	1.00	0.546	2.797	5.118	1527.	34.	13.	757.6	30.0	1
488	0	512	37.1061	88.3300	-953.5	QAL	10.64	2.24	0.53	0.211	4.208	19.986	1500.	38.	12.	756.6	30.0	1
489	0	480	37.1061	88.3307	-953.0	QAL	6.04	1.81	0.87	0.300	2.089	6.960	1493.	48.	15.	754.5	30.0	1
490	0	460	37.1061	88.3314	-953.7	QAL	6.56	1.65	0.86	0.251	1.908	7.612	1364.	43.	10.	754.5	30.1	1
491	0	456	37.1061	88.3321	-955.2	QAL	6.31	1.79	0.72	0.283	2.500	8.818	1321.	38.	12.	754.5	30.1	1
492	0	468	37.1061	88.3329	-954.5	QAL	4.50	4.24	0.75	0.942	5.695	6.042	1379.	31.	15.	756.6	30.1	1
493	10	448	37.1061	88.3336	-951.7	QAL	5.75	1.32	0.65	0.0	0.0	8.892	1334.	50.	9.	757.6	30.0	1
494	0	448	37.1061	88.3343	-951.0	QAL	6.45	1.87	0.84	0.290	2.219	7.665	1415.	35.	10.	756.6	30.0	1
495	0	448	37.1061	88.3350	-951.5	QAL	6.70	3.08	0.82	0.459	3.740	8.152	1376.	54.	4.	756.1	30.0	1
496	0	448	37.1061	88.3357	-956.2	QAL	7.52	4.44	1.12	0.591	3.975	6.731	1477.	33.	0.	757.1	30.0	1
497	0	472	37.1061	88.3364	-954.0	MM	8.05	3.95	1.09	0.491	3.621	7.373	1592.	35.	0.	757.1	30.0	1
498	0	476	37.1061	88.3371	-949.0	MM	6.33	2.90	1.28	0.459	2.272	4.950	1652.	31.	2.	755.5	30.1	1
499	0	468	37.1061	88.3378	-952.7	MM	6.80	3.39	1.08	0.499	3.137	6.286	1555.	35.	2.	755.5	30.1	1
500	0	472	37.1061	88.3385	-953.5	MM	6.65	2.97	1.24	0.446	2.388	5.353	1631.	44.	6.	756.6	30.1	1
501	0	448	37.1061	88.3392	-947.7	MM	7.72	2.64	1.01	0.343	2.609	7.617	1515.	39.	4.	757.1	30.0	1
502	10	456	37.1061	88.3399	-947.2	MM	8.22	1.27	1.32	0.0	0.0	6.205	1510.	44.	6.	757.1	30.0	1
503	0	452	37.1061	88.3407	-950.5	KU	6.18	3.08	0.92	0.498	3.354	6.731	1540.	38.	7.	757.1	30.0	1
504	0	468	37.1061	88.3414	-950.5	KU	8.64	4.97	0.71	0.574	6.992	12.172	1535.	37.	6.	755.0	30.0	1
505	0	480	37.1061	88.3421	-952.0	KU	7.00	1.79	1.04	0.256	1.727	6.737	1500.	43.	7.	755.0	30.0	1
506	0	464	37.1061	88.3428	-950.0	KU	7.67	2.65	0.92	0.345	2.865	8.299	1509.	41.	3.	756.6	30.0	1
507	0	460	37.1060	88.3436	-949.0	KU	6.25	2.27	0.96	0.363	2.352	6.475	1431.	47.	5.	757.6	30.0	1
508	0	444	37.1060	88.3443	-952.5	KU	7.27	3.99	1.02	0.549	3.902	7.105	1496.	32.	0.	757.6	30.0	1
509	0	436	37.1060	88.3450	-951.0	KU	5.92	2.04	1.05	0.346	1.944	5.626	1584.	37.	5.	756.1	30.0	1
510	10	428	37.1060	88.3456	-945.7	KU	10.52	1.51	1.08	0.0	0.0	9.767	1584.	37.	2.	754.5	30.0	1
511	0	432	37.1060	88.3463	-949.0	KU	9.24	3.67	0.77	0.398	4.742	11.918	1592.	41.	3.	755.5	30.0	1
512	0	448	37.1061	88.3470	-951.0	KU	6.72	3.67	1.09	0.545	3.369	6.179	1553.	37.	2.	758.1	30.0	1
513	0	460	37.1061	88.3478	-949.0	KU	7.81	1.82	1.13	0.233	1.615	6.916	1546.	47.	4.	757.1	30.0	1
514	10	468	37.1061	88.3485	-950.0	KU	7.73	0.49	1.16	0.0	0.0	6.662	1622.	40.	7.	755.5	30.0	1
515	0	480	37.1061	88.3492	-950.2	KU	7.18	2.51	1.12	0.349	2.234	6.397	1566.	40.	1.	755.5	30.0	1
516	0	484	37.1061	88.3499	-949.0	KU	6.57	3.91	1.29	0.595	3.032	5.098	1591.	34.	4.	755.0	30.0	1
517	0	464	37.1060	88.3507	-947.2	KU	7.93	2.80	0.87	0.353	3.210	9.083	1550.	31.	3.	755.5	30.0	1
518	0	452	37.1060	88.3513	-948.2	KU	8.52	1.77	1.09	0.208	1.628	7.837	1516.	41.	4.	756.6	30.0	1
519	0	444	37.1060	88.3521	-947.5	KU	5.90	3.47	1.30	0.589	2.667	4.531	1547.	40.	2.	755.5	30.0	1
520	0	440	37.1060	88.3528	-947.7	KU	8.09	1.62	1.15	0.200	1.404	7.027	1551.	49.	2.	757.1	30.0	1
521	0	436	37.1060	88.3535	-947.2	KU	6.46	2.42	1.17	0.374	2.062	5.507	1481.	39.	4.	757.6	30.0	1
522	0	412	37.1060	88.3542	-947.0	KU	4.90	2.44	1.12	0.497	2.169	4.361	1409.	40.	5.	756.1	30.0	1
523	10	436	37.1060	88.3549	-950.2	KU	8.70	0.97	1.02	0.0	0.0	8.561	1508.	28.	4.	755.0	30.0	1
524	0	468	37.1060	88.3556	-949.7	KU	7.50	3.12	0.82	0.416	3.793	9.111	1551.	41.	7.	755.0	30.0	1
525	0	456	37.1060	88.3563	-942.5	KU	6.77	2.76	1.03	0.408	2.672	6.541	1504.	41.	3.	755.0	30.0	1
526	0	444	37.1060	88.3570	-943.0	KU	6.97	2.16	1.14	0.309	1.886	6.099	1537.	37.	5.	756.6	30.0	1
527	10	448	37.1060	88.3577	-945.2	KU	9.17	1.60	0.97	0.0	0.0	9.419	1547.	39.	9.	758.1	30.1	1
528	0	444	37.1060	88.3585	-945.7	KU	5.16	3.27	0.99	0.635	3.313	5.219	1563.	45.	8.	757.1	30.1	1
529	0	420	37.1060	88.3592	-944.0	KU	6.94	2.28	1.04	0.328	2.185	6.667	1506.	45.	10.	756.6	30.1	1
530	0	404	37.1060	88.3599	-943.5	KU	6.53	3.47	0.97	0.531	3.582	6.742	1567.	40.	4.	756.6	30.1	1

*	TAGS		* LOCATION		*			REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
531	10	360	37.1060	88.3606	-945.0		KU	5.17	1.20	1.13	0.0	0.0	4.588	1478.	46.	8.	755.5	30.1	1
532	0	360	37.1060	88.3613	-942.2		KU	6.09	2.31	0.95	0.379	2.443	6.439	1417.	48.	6.	755.0	30.1	1
533	10	396	37.1060	88.3620	-942.7		KU	7.69	1.17	0.93	0.0	0.0	8.277	1528.	43.	9.	755.5	30.0	1
534	0	416	37.1060	88.3627	-948.5		KU	7.36	4.67	0.93	0.635	5.023	7.914	1640.	36.	4.	754.5	30.0	1
535	0	416	37.1060	88.3634	-946.2		KU	7.72	1.57	1.02	0.204	1.536	7.541	1592.	46.	7.	754.0	30.0	1
536	10	424	37.1060	88.3642	-940.5		KU	7.43	1.57	1.50	0.0	0.0	4.968	1640.	46.	11.	755.0	30.0	1
537	10	444	37.1060	88.3649	-944.7		KU	5.94	1.54	1.27	0.0	0.0	4.678	1604.	44.	10.	756.6	30.1	1
538	10	448	37.1060	88.3656	-947.0		KU	8.16	1.33	1.04	0.0	0.0	7.817	1662.	47.	11.	757.6	30.1	1
539	0	432	37.1060	88.3663	-941.5		KU	10.01	3.63	1.18	0.363	3.083	8.504	1724.	28.	6.	757.6	30.1	1
540	0	420	37.1060	88.3670	-940.0		KU	7.71	1.75	0.82	0.227	2.142	9.435	1655.	39.	14.	756.6	30.1	1
541	0	420	37.1060	88.3677	-941.0		KU	9.27	2.14	1.18	0.231	1.811	7.842	1779.	34.	9.	755.5	30.0	1
542	0	412	37.1060	88.3684	-936.5		KU	7.47	3.16	0.88	0.423	3.587	8.487	1559.	49.	8.	754.5	30.0	1
543	0	424	37.1060	88.3691	-939.7		KU	6.48	2.28	1.18	0.352	1.926	5.478	1715.	38.	8.	755.5	30.0	1
544	10	428	37.1060	88.3698	-942.0		KU	6.68	1.25	1.33	0.0	0.0	5.021	1657.	40.	12.	756.6	30.0	1
545	0	396	37.1060	88.3705	-938.7		KU	5.94	3.00	0.93	0.506	3.215	6.355	1569.	44.	4.	757.6	30.0	1
546	0	420	37.1060	88.3712	-938.7		KU	6.52	1.91	1.03	0.293	1.858	6.342	1586.	39.	4.	757.6	30.0	1
547	0	412	37.1060	88.3720	-938.5		KU	8.23	2.64	1.22	0.321	2.165	6.741	1619.	32.	2.	757.6	30.0	1
548	0	416	37.1060	88.3727	-937.0		KU	6.67	2.95	1.01	0.443	2.927	6.610	1558.	51.	4.	757.6	30.1	1
549	0	404	37.1060	88.3734	-939.5		KU	6.90	2.19	1.05	0.318	2.086	6.566	1515.	41.	4.	755.5	30.2	1
550	0	408	37.1060	88.3741	-941.5		KU	7.55	3.77	1.01	0.499	3.739	7.489	1526.	48.	2.	754.5	30.2	1
551	0	404	37.1060	88.3748	-938.2		KU	8.42	2.09	0.75	0.249	2.784	11.188	1490.	39.	3.	754.5	30.2	1
552	0	392	37.1060	88.3755	-936.7		KU	6.95	3.29	1.01	0.474	3.276	6.908	1522.	44.	8.	754.5	30.2	1
553	0	396	37.1060	88.3762	-937.7		KU	6.92	2.72	1.26	0.393	2.162	5.503	1679.	29.	10.	756.6	30.2	1
554	0	412	37.1060	88.3769	-938.5		KU	7.35	3.05	1.08	0.415	2.835	6.826	1660.	43.	13.	756.6	30.2	1
555	0	436	37.1060	88.3777	-935.5		KU	6.09	2.30	1.24	0.378	1.861	4.927	1669.	46.	15.	756.6	30.2	1
556	0	444	37.1059	88.3784	-937.2		KU	6.35	3.07	1.32	0.484	2.324	4.799	1692.	38.	15.	756.6	30.2	1
557	0	456	37.1060	88.3791	-942.0		KU	10.03	3.38	1.07	0.337	3.167	9.406	1641.	49.	7.	756.1	30.2	1
558	0	468	37.1060	88.3798	-939.2		KU	5.53	2.81	1.12	0.509	2.517	4.947	1664.	41.	12.	755.0	30.1	1
559	0	464	37.1060	88.3805	-937.5		KU	7.14	4.61	0.65	0.647	7.124	11.018	1575.	42.	6.	754.5	30.1	1
560	0	460	37.1060	88.3812	-935.2		KU	7.25	2.10	1.09	0.290	1.926	6.640	1622.	39.	7.	754.5	30.1	1
561	0	476	37.1060	88.3820	-933.5		KU	9.22	3.24	1.06	0.351	3.040	8.667	1560.	39.	0.	755.5	30.1	1
562	0	472	37.1060	88.3827	-934.2		KU	9.85	3.52	0.90	0.358	3.900	10.902	1576.	42.	4.	756.6	30.1	1
563	0	452	37.1060	88.3834	-936.7		KU	6.91	2.87	0.79	0.415	3.634	8.757	1563.	46.	3.	756.6	30.1	1
564	0	440	37.1060	88.3841	-933.5		KU	6.08	4.10	0.98	0.675	4.186	6.201	1531.	51.	5.	757.6	30.1	1
565	0	448	37.1059	88.3848	-933.0		KU	5.20	4.29	1.17	0.826	3.679	4.456	1590.	35.	2.	757.6	30.1	1
566	0	460	37.1059	88.3855	-933.7		KU	7.86	3.53	1.07	0.449	3.294	7.336	1572.	33.	2.	756.1	30.1	1
567	0	452	37.1059	88.3862	-931.5		KU	7.79	3.56	0.91	0.458	3.904	8.532	1553.	42.	4.	755.0	30.1	1
568	0	444	37.1059	88.3869	-930.2		KU	6.06	2.02	1.05	0.333	1.920	5.766	1540.	35.	10.	755.0	30.1	1
569	0	440	37.1059	88.3876	-935.0		KU	7.47	2.66	1.14	0.356	2.323	6.531	1540.	44.	8.	756.1	30.0	1
570	10	424	37.1059	88.3884	-935.5		KU	7.86	1.56	1.11	0.0	0.0	7.089	1548.	45.	9.	756.6	30.0	1
571	10	436	37.1059	88.3891	-931.5		KU	10.03	0.99	1.25	0.0	0.0	8.043	1606.	46.	6.	755.5	30.0	1
572	0	444	37.1060	88.3898	-931.0		KU	7.82	3.86	1.04	0.493	3.702	7.503	1675.	31.	4.	755.5	30.0	1
573	0	452	37.1060	88.3905	-933.0		KU	8.74	3.46	1.15	0.395	2.994	7.572	1753.	36.	5.	757.6	30.0	1
574	0	452	37.1060	88.3912	-931.5		KU	10.62	2.52	1.09	0.238	2.316	9.743	1745.	41.	8.	757.6	30.1	1
575	0	440	37.1059	88.3919	-926.7		KU	6.64	3.07	0.95	0.462	3.238	7.003	1710.	43.	9.	756.1	30.1	1
576	0	428	37.1059	88.3926	-926.0		KU	6.58	2.29	0.86	0.348	2.666	7.657	1565.	41.	9.	756.1	30.1	1
577	0	432	37.1059	88.3933	-928.2		KU	8.38	3.46	1.03	0.413	3.350	8.116	1719.	34.	8.	757.6	30.1	1
578	0	436	37.1059	88.3940	-928.7		KU	7.08	2.93	0.98	0.414	3.005	7.254	1687.	41.	12.	757.1	30.1	1
579	0	440	37.1059	88.3948	-925.2		KU	6.53	1.99	0.98	0.304	2.023	6.647	1586.	45.	12.	755.0	30.1	1
580	10	448	37.1059	88.3955	-924.5		KU	8.48	1.69	0.88	0.0	0.0	9.647	1585.	40.	12.	756.1	30.1	1
581	0	448	37.1059	88.3961	-925.7		KU	5.75	2.66	0.91	0.462	2.908	6.297	1607.	40.	15.	756.1	30.2	1
582	10	444	37.1059	88.3969	-925.0		KU	9.49	-0.13	0.97	0.0	0.0	9.798	1458.	43.	8.	755.0	30.2	1
583	0	440	37.1059	88.3976	-925.5		KU	4.16	1.81	1.05	0.436	1.725	3.961	1347.	42.	15.	755.5	30.1	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
584	10	400	37.1059	88.3983	-931.5	KU	6.16	0.61	0.52	0.0	0.0	11.952	1113.	41.	14.	755.5	30.2	1
585	10	416	37.1059	88.3990	-929.7	KU	5.30	0.33	0.68	0.0	0.0	7.839	1124.	46.	15.	754.5	30.2	1
586	10	460	37.1059	88.3997	-922.7	KU	6.22	1.35	0.41	0.0	0.0	14.997	1107.	41.	13.	755.5	30.1	1
587	0	460	37.1059	88.4004	-922.7	KU	4.93	1.62	0.56	0.329	2.881	8.746	1135.	42.	13.	756.1	30.0	1
588	0	424	37.1059	88.4011	-924.2	KU	4.80	2.07	0.59	0.431	3.524	8.174	990.	40.	10.	756.1	30.1	1
589	0	404	37.1059	88.4019	-926.0	KU	3.96	1.66	0.39	0.418	4.234	10.118	1012.	37.	9.	756.6	30.1	1
590	0	416	37.1059	88.4026	-927.7	MCU	4.24	1.43	0.54	0.337	2.621	7.778	1000.	39.	9.	757.6	30.1	1
591	0	436	37.1059	88.4033	-927.5	MCU	4.72	4.21	0.62	0.892	6.742	7.557	1125.	48.	5.	758.1	30.0	1
592	0	484	37.1059	88.4040	-926.7	MCU	6.59	1.78	0.81	0.270	2.189	8.106	1359.	39.	6.	756.1	30.1	1
593	0	536	37.1059	88.4047	-925.0	MCU	8.04	2.99	0.93	0.372	3.212	8.639	1461.	39.	2.	754.5	30.1	1
594	0	556	37.1059	88.4054	-921.2	MCU	5.97	4.39	0.82	0.735	5.362	7.294	1481.	34.	4.	755.5	30.1	1
595	0	564	37.1059	88.4061	-921.7	MCU	8.61	1.93	0.87	0.224	2.212	9.879	1503.	29.	5.	755.5	30.0	1
596	0	568	37.1059	88.4068	-921.5	MCU	7.27	3.33	0.81	0.458	4.091	8.925	1380.	49.	5.	755.0	30.1	1
597	0	572	37.1059	88.4075	-922.7	MCU	6.52	5.91	0.64	0.906	9.170	10.124	1455.	37.	2.	756.1	30.1	1
598	0	572	37.1059	88.4082	-921.2	MCU	6.86	1.94	0.89	0.282	2.185	7.740	1347.	52.	6.	757.1	30.1	1
599	0	576	37.1059	88.4089	-923.7	MCU	7.05	2.47	1.07	0.350	2.317	6.620	1447.	41.	6.	756.1	30.1	1
600	10	580	37.1059	88.4097	-923.7	MCU	7.23	0.31	0.87	0.0	0.0	8.353	1461.	32.	8.	756.6	30.2	1
601	10	580	37.1059	88.4104	-921.0	MCU	7.68	2.06	0.91	0.0	0.0	8.420	1502.	48.	13.	757.6	30.2	1
602	0	580	37.1059	88.4111	-923.5	MCU	4.16	4.21	1.13	1.013	3.716	3.669	1536.	30.	11.	757.6	30.2	1
603	0	584	37.1059	88.4118	-927.5	MCU	7.18	2.87	0.90	0.399	3.194	8.000	1507.	45.	13.	756.6	30.2	1
604	10	564	37.1058	88.4126	-924.5	MCU	4.67	1.43	1.05	0.0	0.0	4.457	1415.	44.	16.	756.6	30.3	1
605	0	524	37.1058	88.4133	-923.5	QAL	6.02	2.35	0.65	0.390	3.620	9.281	1348.	38.	11.	755.5	30.2	1
606	0	520	37.1058	88.4140	-921.2	QAL	5.36	3.14	0.74	0.585	4.240	7.247	1338.	39.	12.	754.5	30.2	1
607	0	528	37.1059	88.4147	-922.0	QAL	5.73	1.81	0.82	0.315	2.204	6.992	1356.	29.	10.	754.5	30.2	1
608	10	572	37.1059	88.4154	-923.0	QAL	7.45	1.05	0.92	0.0	0.0	8.096	1423.	47.	4.	754.5	30.2	1
609	10	580	37.1059	88.4160	-921.0	QAL	9.60	2.02	1.04	0.0	0.0	9.231	1500.	43.	6.	756.1	30.1	1
610	0	596	37.1059	88.4168	-919.5	QAL	7.37	2.88	1.10	0.391	2.613	6.679	1516.	41.	8.	756.1	30.2	1
611	0	596	37.1059	88.4175	-922.7	QAL	7.55	2.26	0.98	0.299	2.295	7.672	1500.	39.	7.	755.5	30.2	1
612	10	596	37.1059	88.4182	-920.2	QAL	7.43	1.39	1.11	0.0	0.0	6.710	1491.	50.	9.	757.6	30.2	1
613	10	592	37.1059	88.4190	-916.2	MCU	5.84	0.70	1.42	0.0	0.0	4.104	1560.	32.	11.	757.1	30.2	1
614	0	588	37.1058	88.4197	-920.0	MCU	7.28	4.89	0.89	0.672	5.505	8.194	1687.	36.	8.	756.6	30.2	1
615	10	584	37.1058	88.4204	-922.0	MCU	11.31	0.99	1.27	0.0	0.0	8.913	1611.	47.	8.	758.1	30.3	1
616	10	584	37.1058	88.4211	-918.0	MCU	8.26	1.10	0.97	0.0	0.0	8.523	1699.	38.	12.	755.5	30.2	1
617	0	580	37.1058	88.4218	-918.2	QAL	7.09	5.62	0.77	0.793	7.326	9.239	1604.	51.	7.	755.0	30.2	1
618	0	580	37.1058	88.4225	-919.5	QAL	9.59	3.93	1.01	0.410	3.892	9.487	1798.	30.	5.	757.1	30.2	1
619	0	580	37.1058	88.4232	-916.5	QAL	7.74	4.14	1.06	0.536	3.916	7.310	1650.	35.	6.	755.5	30.2	1
620	0	584	37.1058	88.4239	-919.5	QAL	9.28	2.45	1.21	0.264	2.029	7.681	1711.	29.	13.	754.5	30.1	1
621	10	588	37.1058	88.4246	-920.2	QAL	7.57	0.55	1.37	0.0	0.0	5.508	1586.	50.	10.	756.1	30.2	1
622	10	588	37.1058	88.4254	-917.0	QAL	6.50	1.08	1.41	0.0	0.0	4.616	1602.	48.	12.	755.5	30.1	1
623	0	584	37.1058	88.4260	-919.5	MCU	6.70	4.18	1.11	0.624	3.759	6.026	1654.	36.	14.	755.5	30.1	1
624	10	584	37.1058	88.4267	-920.2	MCU	9.36	-0.71	0.99	0.0	0.0	9.499	1557.	46.	12.	755.5	30.1	1
625	10	584	37.1058	88.4275	-918.7	MCU	8.17	0.51	0.99	0.0	0.0	8.244	1375.	31.	14.	755.5	30.1	1
626	10	588	37.1058	88.4281	-915.2	MCU	7.82	-1.64	1.10	0.0	0.0	7.083	1269.	33.	16.	755.5	30.1	1
627	10	588	37.1058	88.4288	-916.7	MCU	3.07	-0.27	0.81	0.0	0.0	3.780	1017.	39.	22.	756.1	30.1	1
628	10	592	37.1058	88.4294	-918.0	MCU	4.81	1.31	0.49	0.0	0.0	9.894	1079.	29.	17.	757.1	30.2	1
629	10	596	37.1058	88.4302	-915.0	MCU	3.30	0.78	0.51	0.0	0.0	6.450	751.	32.	17.	758.1	30.2	1
630	110	596	37.1058	88.4309	-915.5	MCU	1.32	0.33	0.37	0.0	0.0	0.0	594.	48.	13.	757.6	30.2	1
631	110	596	37.1058	88.4315	-920.5	(WATER)	1.03	-1.00	0.33	0.0	0.0	0.0	487.	53.	17.	757.6	30.2	1
632	110	596	37.1058	88.4322	-915.5	(WATER)	1.17	-0.09	0.42	0.0	0.0	0.0	483.	47.	15.	757.6	30.2	1
633	11	596	37.1058	88.4329	-912.0	(WATER)	2.32	-1.24	0.12	0.0	0.0	0.0	406.	38.	12.	755.5	30.3	1
634	101	588	37.1058	88.4336	-914.5	(WATER)	0.67	2.58	-0.01	0.0	0.0	0.0	379.	38.	11.	754.5	30.2	1
635	11	580	37.1058	88.4343	-913.5	(WATER)	1.61	-0.78	0.14	0.0	0.0	0.0	335.	38.	14.	755.5	30.2	1
636	111	572	37.1058	88.4350	-914.0	(WATER)	-0.17	0.94	-0.04	0.0	0.0	0.0	241.	46.	9.	755.5	30.3	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
637	111	560	37.1058	88.4357	-911.2	(WATER)	-0.15	0.85	0.08	0.0	0.0	0.0	189.	39.	8.	755.5	30.3	1
638	111	548	37.1058	88.4363	-905.2	(WATER)	0.23	-0.26	-0.03	0.0	0.0	0.0	188.	40.	8.	756.6	30.3	1
639	110	544	37.1058	88.4370	-912.0	(WATER)	0.01	-1.48	0.23	0.0	0.0	0.0	146.	38.	10.	756.6	30.3	1
640	110	540	37.1058	88.4377	-914.5	(WATER)	-0.03	-0.31	0.21	0.0	0.0	0.0	104.	38.	6.	756.6	30.3	1
641	110	536	37.1058	88.4384	-906.7	(WATER)	-0.03	-0.98	0.26	0.0	0.0	0.0	147.	41.	10.	756.6	30.4	1
642	111	532	37.1058	88.4391	-907.7	(WATER)	0.35	0.22	0.12	0.0	0.0	0.0	151.	41.	6.	757.6	30.4	1
643	111	532	37.1058	88.4398	-909.2	(WATER)	0.22	0.07	-0.09	0.0	0.0	0.0	104.	49.	8.	757.6	30.5	1
644	111	532	37.1058	88.4405	-905.2	(WATER)	-0.17	0.97	-0.10	0.0	0.0	0.0	160.	35.	10.	757.6	30.5	1
645	111	532	37.1058	88.4412	-905.0	(WATER)	-0.08	-0.21	-0.07	0.0	0.0	0.0	130.	36.	10.	758.7	30.5	1
646	111	532	37.1058	88.4418	-905.0	(WATER)	0.00	-1.62	0.12	0.0	0.0	0.0	104.	45.	12.	758.7	30.6	1
647	111	532	37.1058	88.4426	-905.0	(WATER)	0.28	-0.27	-0.05	0.0	0.0	0.0	129.	35.	8.	758.7	30.6	1
648	111	532	37.1058	88.4432	-903.2	(WATER)	-0.04	-1.22	0.15	0.0	0.0	0.0	128.	42.	13.	758.7	30.6	1
649	111	532	37.1058	88.4439	-902.5	QAL	1.01	-1.22	-0.01	0.0	0.0	0.0	174.	45.	14.	758.7	30.6	1
650	111	532	37.1058	88.4446	-902.5	QAL	1.26	0.65	0.17	0.0	0.0	0.0	332.	42.	9.	757.6	30.6	1
651	110	532	37.1058	88.4453	-899.5	QAL	1.38	0.49	0.42	0.0	0.0	0.0	558.	44.	11.	757.6	30.6	1
652	10	524	37.1058	88.4460	-897.2	QAL	3.36	-0.17	0.53	0.0	0.0	6.317	811.	33.	11.	757.6	30.7	1
653	10	504	37.1058	88.4467	-899.7	QAL	3.91	1.12	0.85	0.0	0.0	4.581	1080.	34.	9.	757.6	30.8	1
654	10	508	37.1057	88.4474	-901.2	QAL	7.08	1.30	1.14	0.0	0.0	6.191	1375.	34.	11.	756.6	30.8	1
655	0	508	37.1057	88.4481	-901.7	QAL	7.05	2.82	1.14	0.400	2.474	6.189	1426.	43.	7.	756.6	30.8	1
656	10	512	37.1057	88.4487	-896.0	QAL	7.14	1.43	1.14	0.0	0.0	6.254	1422.	30.	9.	755.5	30.8	1
657	10	516	37.1058	88.4494	-892.0	QAL	6.53	0.78	0.88	0.0	0.0	7.457	1211.	50.	13.	756.6	30.8	1
658	10	524	37.1058	88.4501	-895.0	QAL	4.06	1.03	0.80	0.0	0.0	5.092	1099.	33.	12.	757.6	30.8	1
659	10	524	37.1058	88.4508	-896.7	QAL	4.53	0.04	0.81	0.0	0.0	5.621	995.	52.	11.	757.6	30.7	1
660	0	520	37.1058	88.4515	-898.7	QAL	5.26	1.80	0.85	0.342	2.109	6.170	1216.	41.	11.	757.6	30.6	1
661	0	512	37.1058	88.4522	-898.2	QAL	8.96	2.82	1.05	0.315	2.686	8.526	1588.	37.	9.	758.7	30.5	1
662	0	504	37.1058	88.4529	-891.7	QAL	9.52	2.71	1.43	0.285	1.898	6.664	1706.	30.	5.	758.7	30.5	1
663	0	500	37.1058	88.4536	-887.7	QAL	7.94	2.83	1.43	0.356	1.972	5.539	1799.	29.	5.	758.7	30.5	1
664	0	496	37.1058	88.4542	-889.2	QAL	8.01	4.24	1.30	0.529	3.266	6.171	1861.	39.	11.	758.7	30.5	1
665	0	492	37.1058	88.4549	-888.0	QAL	7.39	3.07	1.29	0.415	2.378	5.729	1804.	50.	16.	758.7	30.5	1
666	0	488	37.1058	88.4556	-886.0	QAL	8.57	2.32	1.49	0.271	1.556	5.739	1989.	26.	14.	757.6	30.5	1
667	10	488	37.1058	88.4563	-890.7	QAL	7.66	1.85	1.46	0.0	0.0	5.250	1991.	33.	18.	758.1	30.5	1
668	10	488	37.1058	88.4570	-890.5	QAL	9.10	1.23	1.49	0.0	0.0	6.096	1916.	41.	19.	759.2	30.6	1
669	10	480	37.1057	88.4577	-888.0	QAL	10.75	1.58	1.55	0.0	0.0	6.940	1900.	44.	18.	758.1	30.6	1
670	0	452	37.1057	88.4584	-887.2	QAL	6.68	1.82	1.45	0.272	1.258	4.616	1728.	36.	15.	758.1	30.7	1
671	0	456	37.1057	88.4590	-886.0	QAL	6.93	3.01	1.04	0.434	2.901	6.686	1742.	35.	11.	758.7	30.7	1
672	0	476	37.1057	88.4598	-882.5	QAL	7.91	2.05	1.42	0.259	1.447	5.587	1725.	43.	13.	757.6	30.7	1
673	0	468	37.1057	88.4604	-878.7	QAL	9.98	2.73	1.16	0.274	2.363	8.638	1767.	31.	9.	757.6	30.8	1
674	0	472	37.1058	88.4611	-874.5	QAL	8.45	4.01	1.18	0.475	3.414	7.188	1730.	38.	9.	758.7	30.7	1
675	0	480	37.1058	88.4618	-874.7	QAL	8.24	3.27	1.28	0.397	2.546	6.418	1833.	35.	5.	757.6	30.6	1
676	0	512	37.1058	88.4625	-873.5	QAL	9.68	3.12	1.73	0.322	1.807	5.605	1913.	47.	1.	756.6	30.6	1
677	0	516	37.1058	88.4632	-870.7	QAL	6.81	4.09	1.66	0.601	2.464	4.099	1964.	39.	4.	758.7	30.6	1
678	0	516	37.1058	88.4639	-869.2	QAL	11.60	2.19	1.53	0.189	1.431	7.572	1907.	46.	0.	758.7	30.6	1
679	0	512	37.1058	88.4646	-870.2	QAL	8.82	2.93	1.33	0.333	2.203	6.620	1872.	43.	3.	757.6	30.6	1
680	10	512	37.1058	88.4652	-870.5	QAL	9.22	1.54	1.81	0.0	0.0	5.083	1815.	49.	1.	758.7	30.7	1
681	0	512	37.1058	88.4659	-865.7	QAL	8.11	3.66	1.39	0.452	2.631	5.827	1830.	42.	4.	758.7	30.6	1
682	0	508	37.1058	88.4667	-862.2	QAL	9.16	2.81	1.55	0.307	1.819	5.927	1894.	30.	3.	758.7	30.7	1
683	10	508	37.1058	88.4673	-866.7	QAL	9.30	1.74	1.50	0.0	0.0	6.205	1807.	48.	5.	758.7	30.7	1
684	0	508	37.1057	88.4680	-866.5	QAL	6.32	3.79	1.25	0.600	3.036	5.064	1773.	37.	7.	758.1	30.6	1
685	0	504	37.1057	88.4687	-859.7	QAL	10.53	2.04	1.30	0.194	1.563	8.070	1778.	46.	6.	758.1	30.6	1
686	10	504	37.1057	88.4694	-855.7	QAL	8.36	1.62	1.32	0.0	0.0	6.355	1866.	26.	11.	758.1	30.6	1
687	10	504	37.1057	88.4701	-856.2	QAL	7.09	1.51	1.46	0.0	0.0	4.846	1769.	39.	14.	758.1	30.6	1
688	0	508	37.1057	88.4708	-857.2	QAL	9.60	3.38	1.52	0.352	2.230	6.333	1880.	44.	7.	758.1	30.8	1
689	0	512	37.1057	88.4715	-855.7	QAL	7.65	2.22	1.57	0.290	1.416	4.876	1979.	37.	13.	758.7	30.8	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
690	10	516	37.1057	88.4721	-850.7		QAL	8.47	0.84	1.60	0.0	0.0	5.285	1895.	52.	13.	759.2	30.8	1
691	0	516	37.1057	88.4728	-848.0		QAL	10.74	3.46	1.77	0.322	1.959	6.076	2072.	38.	11.	758.1	30.7	1
692	0	516	37.1057	88.4735	-846.2		QAL	8.70	5.85	1.36	0.673	4.294	6.380	2089.	39.	9.	757.1	30.7	1
693	0	516	37.1057	88.4742	-846.7		QAL	9.07	2.51	1.32	0.277	1.894	6.846	2025.	37.	13.	757.1	30.6	1
694	0	516	37.1057	88.4749	-847.0		QAL	10.67	2.47	1.41	0.231	1.753	7.582	2069.	31.	14.	756.6	30.6	1
695	10	516	37.1058	88.4756	-842.7		QAL	8.16	1.06	1.56	0.0	0.0	5.232	1945.	56.	15.	756.6	30.5	1
696	0	520	37.1058	88.4763	-843.0		QAL	7.50	4.19	1.40	0.558	2.989	5.355	2071.	48.	12.	757.6	30.6	1
697	0	520	37.1058	88.4769	-844.0		QAL	8.28	2.51	1.63	0.304	1.543	5.083	1994.	46.	13.	756.6	30.5	1
698	0	520	37.1058	88.4776	-837.7		QAL	8.33	2.69	1.74	0.323	1.552	4.801	2037.	47.	13.	756.6	30.5	1
699	0	520	37.1057	88.4783	-838.2		QAL	8.62	2.89	1.51	0.335	1.914	5.706	1989.	46.	12.	757.6	30.5	1
700	0	520	37.1057	88.4790	-836.2		QAL	9.31	2.72	1.61	0.292	1.683	5.770	2083.	40.	12.	756.6	30.5	1
701	0	520	37.1057	88.4797	-828.5		QAL	7.45	3.76	1.69	0.505	2.224	4.406	2104.	28.	9.	756.6	30.5	1
702	0	516	37.1057	88.4803	-831.2		QAL	7.42	5.34	1.41	0.721	3.781	5.247	2102.	37.	10.	757.6	30.5	1
703	0	516	37.1057	88.4811	-832.7		QAL	8.56	3.33	1.55	0.389	2.147	5.518	1937.	49.	9.	757.6	30.5	1
704	0	512	37.1057	88.4818	-825.0		QAL	8.83	3.00	1.78	0.340	1.688	4.966	2033.	35.	7.	757.6	30.5	1
705	0	508	37.1057	88.4824	-825.2		QAL	8.18	2.62	1.61	0.320	1.629	5.085	2002.	48.	10.	757.6	30.5	1
706	0	508	37.1057	88.4832	-826.5		QAL	7.87	4.46	1.31	0.567	3.403	6.000	1967.	46.	5.	758.7	30.5	1
707	0	504	37.1057	88.4838	-824.7		QAL	5.94	2.47	1.57	0.416	1.578	3.792	1875.	40.	11.	758.7	30.5	1
708	10	472	37.1057	88.4845	-823.2		QAL	7.44	1.30	1.34	0.0	0.0	5.555	1733.	37.	13.	758.7	30.5	1
709	0	436	37.1057	88.4852	-816.7		QAL	7.92	1.99	1.02	0.252	1.955	7.761	1635.	33.	11.	758.7	30.5	1
710	0	424	37.1057	88.4858	-814.5		QAL	7.66	1.96	1.02	0.256	1.923	7.507	1525.	41.	15.	759.2	30.5	1
711	10	428	37.1057	88.4865	-816.5		QAL	6.66	0.66	1.21	0.0	0.0	5.505	1533.	42.	14.	760.2	30.5	1
712	0	428	37.1057	88.4872	-811.2		QAL	5.51	3.08	1.08	0.559	2.863	5.118	1538.	49.	14.	760.2	30.5	1
713	0	424	37.1057	88.4879	-810.5		QAL	4.85	1.86	1.04	0.384	1.795	4.668	1462.	37.	13.	758.7	30.5	1
714	0	412	37.1057	88.4887	-809.2		QAL	5.34	1.78	1.11	0.333	1.605	4.812	1321.	44.	11.	758.7	30.5	1
715	0	404	37.1057	88.4893	-806.0		QAL	6.27	1.76	0.75	0.281	2.354	8.376	1318.	37.	10.	759.2	30.5	1
716	10	400	37.1057	88.4900	-806.5		QAL	5.29	1.23	1.07	0.0	0.0	4.931	1318.	37.	9.	759.2	30.5	1
717	10	392	37.1057	88.4906	-807.2		QAL	7.53	0.73	1.00	0.0	0.0	7.555	1244.	39.	8.	759.2	30.4	1
718	10	396	37.1057	88.4913	-802.2		QAL	5.12	0.92	0.86	0.0	0.0	5.929	1242.	45.	8.	759.2	30.5	1
719	0	396	37.1057	88.4921	-797.2		QAL	3.17	2.49	0.88	0.785	2.837	3.615	1154.	52.	5.	758.7	30.4	1
720	0	400	37.1057	88.4927	-796.0		QAL	3.29	2.67	0.72	0.813	3.698	4.550	1101.	51.	4.	758.7	30.4	1
721	0	404	37.1057	88.4934	-792.0		QAL	5.39	1.78	0.57	0.330	3.117	9.433	1152.	43.	5.	759.2	30.4	1
722	0	408	37.1057	88.4941	-793.5		QAL	4.54	3.34	0.71	0.736	4.733	6.428	1164.	39.	2.	759.2	30.4	1
723	0	412	37.1057	88.4948	-795.2		QAL	5.03	2.34	0.80	0.466	2.926	6.280	1158.	35.	3.	758.7	30.3	1
724	0	412	37.1057	88.4955	-790.2		QAL	6.06	2.32	0.60	0.384	3.893	10.147	1189.	39.	1.	759.7	30.3	1
725	0	416	37.1057	88.4962	-788.5		QAL	4.19	2.46	0.71	0.587	3.472	5.918	1169.	37.	5.	760.7	30.3	1
726	0	416	37.1057	88.4969	-784.7		QAL	4.99	3.25	0.59	0.652	5.468	8.390	1174.	39.	1.	759.7	30.3	1
727	10	416	37.1057	88.4975	-779.0		QAL	6.13	1.14	0.77	0.0	0.0	7.957	1067.	36.	6.	759.7	30.4	1
728	0	420	37.1057	88.4982	-778.7		QAL	6.04	2.60	0.82	0.430	3.155	7.341	1245.	31.	4.	759.7	30.3	1
729	0	424	37.1057	88.4989	-777.0		QAL	5.85	2.08	0.70	0.356	2.960	8.321	1234.	40.	4.	759.7	30.3	1
730	0	420	37.1057	88.4996	-773.0		QAL	5.07	2.40	0.72	0.473	3.309	6.998	1189.	44.	11.	759.7	30.3	1
731	0	436	37.1057	88.5003	-773.7		QAL	4.40	4.55	0.61	1.036	7.516	7.258	1307.	39.	11.	758.7	30.4	1
732	10	492	37.1057	88.5010	-773.7		QAL	7.99	-0.10	0.96	0.0	0.0	8.341	1472.	35.	11.	758.7	30.3	1
733	0	496	37.1057	88.5017	-771.0		QAL	5.24	4.62	1.26	0.881	3.671	4.165	1570.	36.	11.	758.7	30.3	1
734	0	504	37.1057	88.5023	-768.0		QAL	9.33	2.61	1.01	0.279	2.588	9.261	1519.	42.	13.	758.7	30.4	1
735	0	504	37.1057	88.5031	-762.5		QAL	8.72	3.30	1.00	0.378	3.299	8.720	1587.	37.	8.	757.6	30.3	1
736	0	504	37.1057	88.5037	-763.5		QAL	5.75	3.42	1.09	0.594	3.124	5.259	1616.	40.	10.	757.6	30.3	1
737	0	508	37.1057	88.5044	-767.0		QAL	6.77	3.46	1.11	0.511	3.118	6.105	1600.	33.	6.	758.1	30.3	1
738	0	512	37.1057	88.5051	-761.5		QAL	8.32	4.53	1.21	0.544	3.755	6.900	1676.	43.	5.	758.1	30.3	1
739	0	512	37.1057	88.5058	-755.2		QAL	6.50	1.88	1.15	0.289	1.642	5.673	1548.	35.	9.	757.1	30.4	1
740	10	512	37.1057	88.5065	-754.5		QAL	9.26	1.46	1.61	0.0	0.0	5.758	1761.	34.	6.	757.6	30.4	1
741	0	516	37.1057	88.5072	-753.0		QAL	8.61	3.27	1.35	0.380	2.430	6.396	1774.	39.	6.	758.7	30.3	1
742	0	516	37.1057	88.5079	-751.0		QAL	9.08	1.81	1.36	0.199	1.326	6.656	1856.	35.	5.	758.7	30.2	1

CP9 1P12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
743	0	512	37.1057	88.5086	-750.0	QAL	8.07	4.19	1.46	0.519	2.870	5.527	1856.	48.	5.	758.1	30.2	1
744	0	512	37.1057	88.5092	-745.2	QAL	11.68	4.02	1.19	0.345	3.375	9.798	2016.	37.	7.	759.2	30.2	1
745	0	512	37.1057	88.5099	-744.0	QAL	7.82	3.30	1.70	0.422	1.942	4.602	2067.	52.	8.	760.2	30.2	1
746	0	512	37.1057	88.5106	-745.0	QAL	10.70	3.39	1.34	0.317	2.540	8.010	2048.	46.	10.	759.2	30.2	1
747	0	512	37.1057	88.5113	-739.2	QAL	8.61	3.74	1.77	0.434	2.109	4.857	2176.	38.	11.	759.2	30.2	1
748	0	512	37.1057	88.5120	-736.5	QAL	9.55	3.12	1.48	0.326	2.105	6.453	2085.	37.	10.	759.2	30.3	1
749	0	512	37.1057	88.5127	-740.0	QAL	10.60	3.25	1.46	0.306	2.225	7.265	2077.	41.	5.	759.2	30.3	1
750	0	512	37.1057	88.5134	-738.2	QAL	8.88	3.25	1.73	0.366	1.878	5.135	2125.	36.	9.	758.7	30.3	1
751	0	512	37.1057	88.5141	-736.0	QAL	7.09	4.26	1.69	0.601	2.517	4.191	1995.	50.	4.	758.7	30.3	1
752	0	512	37.1057	88.5147	-736.2	QAL	10.18	3.20	1.57	0.314	2.045	6.503	2080.	40.	6.	758.7	30.3	1
753	0	508	37.1057	88.5155	-734.5	QAL	9.52	6.09	1.62	0.640	3.767	5.888	2067.	44.	1.	758.1	30.3	1
754	0	508	37.1057	88.5161	-730.0	QAL	7.59	5.74	1.78	0.756	3.226	4.265	2241.	52.	5.	758.1	30.3	1
755	0	508	37.1057	88.5168	-729.5	QAL	8.53	4.52	1.32	0.530	3.414	6.445	2068.	41.	8.	759.2	30.3	1
756	0	508	37.1057	88.5175	-727.5	QAL	10.72	2.01	2.07	0.188	0.974	5.186	2275.	30.	10.	759.2	30.3	1
757	0	504	37.1057	88.5182	-724.0	QAL	7.75	3.55	1.93	0.458	1.836	4.007	2152.	50.	8.	758.1	30.3	1
758	10	496	37.1057	88.5189	-720.5	QAL	12.62	0.79	1.53	0.0	0.0	8.249	2175.	28.	10.	758.1	30.4	1
759	0	492	37.1057	88.5195	-716.5	QAL	9.60	2.37	1.93	0.247	1.225	4.965	2209.	37.	11.	758.7	30.4	1
760	0	496	37.1057	88.5203	-716.7	QAL	12.29	2.84	1.86	0.231	1.525	6.608	2220.	36.	8.	758.7	30.5	1
761	0	496	37.1057	88.5210	-719.0	QAL	9.79	2.59	1.75	0.265	1.480	5.592	2185.	45.	11.	758.7	30.4	1
762	0	492	37.1057	88.5216	-714.0	QAL	7.95	3.86	1.73	0.486	2.231	4.595	2059.	53.	9.	758.7	30.4	1
763	0	492	37.1057	88.5223	-711.5	QAL	10.29	2.76	1.59	0.268	1.732	6.468	2099.	37.	13.	758.7	30.5	1
764	0	492	37.1057	88.5230	-709.7	QAL	5.61	4.14	1.98	0.739	2.094	2.834	2083.	32.	8.	758.7	30.5	1
765	10	492	37.1057	88.5237	-705.7	QAL	9.41	1.29	2.06	0.0	0.0	4.578	2066.	44.	9.	758.7	30.5	1
766	0	496	37.1057	88.5244	-709.0	QAL	10.65	2.50	1.79	0.235	1.400	5.965	2255.	42.	8.	758.7	30.6	1
767	0	492	37.1057	88.5251	-711.5	QAL	8.60	1.97	1.73	0.229	1.141	4.980	1976.	45.	11.	758.7	30.6	1
768	0	492	37.1057	88.5258	-709.0	QAL	9.34	2.81	1.85	0.301	1.515	5.040	2056.	43.	7.	758.7	30.6	1
769	0	496	37.1057	88.5264	-707.2	QAL	7.97	3.31	1.97	0.416	1.677	4.034	2154.	32.	8.	758.7	30.6	1
770	0	496	37.1057	88.5271	-706.0	QAL	8.32	1.85	1.58	0.223	1.173	5.266	2060.	48.	9.	757.6	30.6	1
771	0	496	37.1057	88.5278	-703.0	QAL	7.91	4.03	1.78	0.509	2.257	4.433	2058.	46.	7.	758.7	30.6	1
772	10	496	37.1057	88.5285	-703.0	QAL	8.69	1.38	1.99	0.0	0.0	4.365	2018.	42.	8.	758.7	30.6	1
773	0	500	37.1057	88.5292	-697.5	QAL	8.62	3.35	1.78	0.389	1.880	4.832	2080.	54.	6.	758.7	30.5	1
774	0	500	37.1056	88.5299	-694.2	QAL	11.97	4.00	1.90	0.334	2.102	6.294	2209.	34.	3.	758.7	30.5	1
775	0	500	37.1056	88.5306	-698.7	QAL	9.50	2.38	1.88	0.251	1.269	5.064	2175.	47.	9.	759.7	30.5	1
776	10	500	37.1056	88.5312	-698.0	QAL	13.32	1.54	1.77	0.0	0.0	7.539	2131.	39.	10.	759.7	30.5	1
777	10	500	37.1056	88.5319	-693.7	QAL	10.25	1.53	1.92	0.0	0.0	5.326	2024.	46.	10.	759.7	30.7	1
778	0	500	37.1057	88.5327	-693.2	QAL	10.08	2.28	1.68	0.226	1.357	5.998	2057.	33.	10.	758.7	30.9	1
779	0	500	37.1057	88.5333	-690.0	QAL	10.25	4.04	1.39	0.394	2.905	7.376	2184.	41.	9.	757.6	31.0	1
780	0	496	37.1057	88.5340	-689.0	QAL	11.37	2.66	1.78	0.234	1.491	6.372	2091.	36.	7.	758.7	30.7	1
781	0	500	37.1057	88.5346	-690.5	QAL	10.54	4.77	1.55	0.453	3.086	6.820	2144.	42.	9.	758.7	30.5	1
782	0	500	37.1057	88.5354	-691.2	QAL	10.09	3.07	1.74	0.304	1.763	5.804	2117.	37.	11.	758.7	30.5	1
783	10	504	37.1057	88.5361	-690.2	QAL	8.70	1.74	1.89	0.0	0.0	4.605	2046.	43.	14.	757.6	30.6	1
784	0	508	37.1057	88.5367	-684.2	QAL	8.49	4.26	1.62	0.501	2.620	5.225	2072.	40.	13.	758.1	30.9	1
785	0	516	37.1057	88.5375	-681.7	QAL	9.75	2.59	1.62	0.266	1.602	6.034	2044.	38.	11.	759.2	31.2	1
786	0	520	37.1057	88.5381	-687.5	QAL	6.45	2.15	1.76	0.333	1.219	3.662	2136.	43.	14.	758.1	31.3	1
787	0	528	37.1057	88.5388	-687.0	QAL	8.44	2.58	1.95	0.305	1.320	4.321	2161.	29.	15.	758.1	31.3	1
788	10	532	37.1057	88.5396	-681.0	QAL	8.86	1.33	1.85	0.0	0.0	4.775	2086.	43.	16.	758.1	31.2	1
789	0	528	37.1056	88.5401	-682.7	QAL	7.44	2.43	1.82	0.327	1.335	4.085	2064.	45.	13.	756.6	31.0	1
790	0	524	37.1056	88.5409	-683.2	QAL	11.18	3.86	1.80	0.345	2.147	6.221	2110.	43.	7.	756.6	31.0	1
791	0	516	37.1056	88.5415	-680.2	QAL	11.06	3.04	1.76	0.275	1.724	6.271	2109.	48.	10.	758.7	31.0	1
792	0	512	37.1056	88.5422	-682.0	QAL	7.99	1.97	1.70	0.246	1.156	4.697	2061.	53.	11.	758.7	31.0	1
793	0	512	37.1056	88.5430	-680.0	QAL	10.23	3.51	1.64	0.344	2.147	6.249	1998.	35.	8.	757.6	30.9	1
794	0	508	37.1056	88.5436	-678.5	QAL	7.21	4.06	1.69	0.564	2.408	4.272	1979.	45.	7.	757.6	30.9	1
795	10	504	37.1056	88.5443	-679.0	QAL	10.55	1.67	1.67	0.0	0.0	6.333	2078.	44.	8.	759.7	30.9	1

CP9 IP12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
796	0	500	37.1056	88.5450	-675.0	QAL	12.90	3.23	1.60	0.250	2.011	8.036	2156.	37.	10.	758.7	30.9	1
797	0	496	37.1056	88.5457	-674.5	QAL	8.42	3.31	1.53	0.392	2.167	5.522	2102.	35.	13.	757.6	30.8	1
798	10	492	37.1057	88.5464	-673.7	QAL	11.80	0.60	1.65	0.0	0.0	7.146	2023.	39.	15.	758.7	30.9	1
799	10	488	37.1057	88.5470	-670.2	QAL	9.43	1.81	1.79	0.0	0.0	5.280	2093.	44.	15.	759.2	30.9	1
800	0	484	37.1057	88.5477	-673.5	QAL	9.98	2.41	1.77	0.242	1.361	5.630	2122.	58.	16.	758.1	30.9	1
801	0	488	37.1057	88.5484	-676.7	QAL	8.29	5.04	1.57	0.608	3.200	5.264	2222.	34.	13.	758.1	30.9	1
802	0	488	37.1057	88.5491	-670.5	QAL	9.13	4.24	1.22	0.465	3.473	7.472	1925.	45.	15.	758.7	30.6	1
803	10	484	37.1057	88.5498	-669.7	QAL	8.86	1.11	1.60	0.0	0.0	5.531	1992.	40.	15.	758.7	30.5	1
804	0	492	37.1057	88.5506	-670.7	QAL	8.26	3.36	1.36	0.407	2.481	6.096	1839.	45.	14.	758.7	30.5	1
805	0	492	37.1057	88.5513	-665.7	QAL	7.02	2.18	1.58	0.311	1.381	4.447	1881.	49.	11.	758.7	30.5	1
806	10	496	37.1057	88.5520	-663.0	QAL	12.00	1.24	1.39	0.0	0.0	8.661	1955.	33.	10.	757.6	30.5	1
807	10	492	37.1057	88.5527	-667.0	QAL	8.83	1.07	1.90	0.0	0.0	4.641	1917.	40.	12.	758.7	30.6	1
808	0	488	37.1057	88.5534	-669.5	QAL	6.80	2.95	1.43	0.434	2.068	4.768	1902.	47.	11.	758.7	30.9	1
809	0	484	37.1057	88.5541	-669.0	QAL	10.15	1.92	1.74	0.189	1.105	5.836	1990.	34.	8.	758.7	30.9	1
810	0	484	37.1057	88.5549	-664.2	QAL	7.75	2.83	1.58	0.365	1.790	4.909	1951.	47.	12.	759.2	30.7	1
811	0	488	37.1057	88.5555	-660.2	QAL	9.62	2.62	1.66	0.273	1.577	5.777	2083.	42.	11.	759.2	30.6	1
812	0	484	37.1057	88.5563	-661.5	QAL	12.10	2.00	1.65	0.165	1.214	7.338	2059.	42.	11.	759.2	30.6	1
813	0	480	37.1057	88.5570	-663.7	QAL	9.55	4.63	1.27	0.485	3.633	7.499	2128.	35.	8.	759.7	30.6	1
814	0	480	37.1057	88.5577	-662.0	QAL	9.84	4.34	2.03	0.441	2.136	4.842	2169.	40.	11.	759.7	30.6	1
815	0	476	37.1057	88.5584	-665.0	QAL	8.12	2.35	2.02	0.290	1.165	4.020	2179.	38.	8.	759.7	30.6	1
816	10	476	37.1057	88.5592	-666.5	QAL	9.11	1.40	1.72	0.0	0.0	5.295	2067.	44.	8.	759.2	30.6	1
817	0	476	37.1057	88.5599	-660.2	QAL	11.76	2.02	1.87	0.172	1.082	6.299	2072.	46.	7.	758.1	30.7	1
818	0	480	37.1057	88.5606	-659.0	QAL	12.46	2.35	1.59	0.189	1.478	7.837	2128.	44.	6.	759.2	30.9	1
819	0	488	37.1058	88.5613	-659.2	QAL	12.20	4.84	1.55	0.397	3.117	7.856	2093.	35.	3.	759.2	30.7	1
820	0	496	37.1058	88.5620	-660.2	QAL	9.62	3.55	1.60	0.369	2.224	6.028	2088.	52.	3.	759.2	30.6	1
821	0	500	37.1058	88.5627	-659.0	QAL	9.49	2.46	2.01	0.259	1.227	4.731	2163.	33.	2.	759.7	30.6	1
822	0	504	37.1058	88.5635	-653.7	QAL	10.95	2.26	2.04	0.206	1.103	5.358	2189.	42.	5.	759.7	30.6	1
823	0	504	37.1058	88.5642	-655.5	QAL	11.28	2.89	1.70	0.256	1.705	6.649	2087.	41.	0.	758.7	30.5	1
824	0	500	37.1058	88.5649	-657.5	QAL	8.88	2.89	1.70	0.325	1.700	5.226	2004.	31.	1.	759.2	30.5	1
825	0	500	37.1058	88.5656	-659.0	QAL	10.03	2.49	1.91	0.248	1.303	5.260	1973.	39.	0.	760.2	30.5	1
826	0	500	37.1058	88.5663	-658.7	QAL	8.13	5.71	1.38	0.702	4.149	5.910	1974.	34.	0.	759.7	30.5	1
827	0	504	37.1059	88.5670	-652.7	QAL	9.98	1.97	1.69	0.198	1.170	5.914	1822.	40.	0.	758.7	30.4	1
828	0	508	37.1059	88.5677	-650.2	QAL	7.99	3.34	1.75	0.418	1.908	4.561	1768.	40.	1.	758.7	30.4	1
829	10	508	37.1059	88.5684	-654.0	QAL	6.22	1.47	1.31	0.0	0.0	4.742	1609.	36.	8.	758.7	30.7	1
830	0	504	37.1059	88.5692	-653.5	QAL	8.92	2.12	1.31	0.238	1.623	6.831	1493.	30.	5.	758.7	31.0	1
831	0	516	37.1059	88.5699	-654.5	QAL	4.31	5.05	1.04	1.174	4.880	4.158	1484.	36.	6.	758.7	30.9	1
832	0	520	37.1059	88.5706	-656.0	QAL	6.87	3.31	1.15	0.482	2.890	5.990	1460.	34.	7.	758.7	30.7	1
833	10	524	37.1059	88.5714	-654.0	QAL	6.65	0.80	1.22	0.0	0.0	5.436	1404.	38.	8.	759.7	30.7	1
834	0	528	37.1060	88.5721	-654.2	QAL	6.50	1.80	1.24	0.278	1.454	5.239	1542.	29.	9.	759.7	30.8	1
835	0	536	37.1060	88.5728	-652.7	QAL	6.41	3.73	1.25	0.582	2.985	5.125	1595.	48.	8.	759.7	30.8	1
836	10	544	37.1060	88.5735	-647.5	QAL	8.43	1.50	1.38	0.0	0.0	6.105	1872.	30.	8.	758.7	30.8	1
837	0	544	37.1060	88.5743	-650.7	QAL	6.45	3.29	1.64	0.509	2.001	3.928	1950.	38.	9.	758.7	30.8	1
838	0	540	37.1060	88.5750	-650.2	QAL	7.09	2.49	1.69	0.350	1.473	4.202	1842.	42.	8.	758.7	30.8	1
839	10	540	37.1060	88.5757	-652.2	QAL	8.52	1.82	1.88	0.0	0.0	4.521	1927.	59.	9.	758.7	30.8	1
840	10	540	37.1060	88.5764	-656.7	QAL	9.48	1.09	1.86	0.0	0.0	5.085	1939.	33.	10.	758.7	30.8	1
841	0	540	37.1060	88.5771	-649.5	QAL	8.53	3.39	1.58	0.397	2.141	5.391	2150.	37.	9.	759.2	30.8	1
842	0	536	37.1060	88.5779	-645.0	QAL	7.89	4.65	1.44	0.589	3.241	5.498	2151.	42.	8.	759.2	30.8	1
843	0	532	37.1060	88.5786	-651.5	QAL	9.82	2.88	1.75	0.294	1.651	5.620	2025.	61.	7.	758.7	30.8	1
844	0	532	37.1060	88.5793	-652.2	QAL	10.22	4.47	1.72	0.437	2.603	5.956	2071.	41.	4.	757.6	30.8	1
845	0	532	37.1060	88.5800	-651.0	QAL	8.13	4.80	1.80	0.590	2.661	4.509	2086.	34.	7.	757.6	30.8	1
846	0	536	37.1060	88.5807	-652.2	QAL	7.02	2.70	1.49	0.385	1.815	4.714	1957.	54.	8.	758.7	30.8	1
847	0	540	37.1060	88.5815	-651.5	QAL	7.51	4.43	1.66	0.590	2.669	4.526	2091.	52.	7.	758.7	30.9	1
848	0	540	37.1060	88.5822	-651.2	QAL	11.45	4.61	1.65	0.403	2.798	6.941	2030.	48.	4.	758.7	30.9	1

CP9 1P12

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
849	0	536	37.1060	88.5829	-653.2	QAL	7.38	3.52	1.60	0.477	2.202	4.613	2082.	28.	11.	758.7	30.9	1
850	10	532	37.1061	88.5836	-650.5	QAL	10.71	1.19	1.68	0.0	0.0	6.392	1969.	40.	10.	758.7	30.8	1
851	0	528	37.1061	88.5843	-648.5	QAL	7.64	2.94	1.36	0.384	2.151	5.598	1912.	41.	10.	758.7	30.8	1
852	0	524	37.1061	88.5850	-648.5	QAL	9.26	2.52	1.71	0.272	1.476	5.432	1873.	35.	11.	758.7	30.8	1
853	0	520	37.1061	88.5857	-651.7	QAL	10.44	2.81	1.61	0.269	1.751	6.502	2016.	37.	10.	758.7	30.8	1
854	0	512	37.1061	88.5865	-653.0	QAL	9.60	2.90	1.62	0.302	1.784	5.908	1961.	42.	5.	758.1	30.9	1
855	0	512	37.1061	88.5872	-646.0	QAL	6.25	3.23	1.70	0.516	1.894	3.668	1876.	42.	9.	758.1	30.9	1
856	0	512	37.1061	88.5879	-643.5	QAL	8.51	2.22	1.66	0.261	1.338	5.131	1957.	39.	7.	758.7	30.9	1
857	10	508	37.1062	88.5886	-648.5	QAL	10.73	0.85	1.40	0.0	0.0	7.689	1787.	50.	8.	758.7	30.9	1
858	10	508	37.1062	88.5893	-646.0	QAL	9.16	1.54	1.59	0.0	0.0	5.762	1744.	33.	3.	757.6	31.0	1
859	0	504	37.1062	88.5900	-647.0	QAL	9.31	2.21	1.17	0.237	1.887	7.963	1659.	49.	5.	757.6	30.8	1
860	0	504	37.1062	88.5907	-649.2	QAL	8.67	3.17	1.45	0.366	2.194	5.996	1656.	41.	5.	757.6	31.1	1
861	10	508	37.1062	88.5915	-642.7	QAL	6.30	1.15	1.22	0.0	0.0	5.166	1518.	40.	8.	757.6	32.1	1
862	0	504	37.1062	88.5922	-640.0	QAL	5.14	1.89	1.48	0.367	1.277	3.480	1537.	55.	7.	757.6	32.8	1
863	0	500	37.1062	88.5929	-645.5	QAL	7.05	3.44	0.93	0.488	3.688	7.560	1490.	51.	5.	758.7	32.3	1
864	0	500	37.1062	88.5936	-642.7	QAL	8.62	1.76	1.45	0.205	1.218	5.949	1595.	31.	4.	758.7	31.2	1
865	0	500	37.1062	88.5944	-643.0	QAL	7.50	2.79	1.16	0.372	2.400	6.452	1521.	34.	0.	759.2	30.8	1
866	0	500	37.1062	88.5950	-648.5	QAL	6.24	1.92	1.35	0.308	1.423	4.628	1524.	35.	3.	758.1	31.0	1
867	0	496	37.1062	88.5958	-643.2	QAL	6.23	3.86	0.98	0.621	3.947	6.359	1522.	53.	0.	757.1	30.9	1
868	0	500	37.1062	88.5965	-641.0	QAL	7.91	2.73	1.01	0.345	2.695	7.808	1474.	34.	0.	758.1	30.9	1
869	0	496	37.1063	88.5972	-643.2	QAL	5.42	3.43	0.94	0.632	3.650	5.771	1330.	32.	1.	759.2	30.9	1
870	0	500	37.1063	88.5979	-642.7	QAL	3.91	3.21	0.92	0.819	3.503	4.278	1226.	36.	3.	758.7	31.0	1
871	0	500	37.1063	88.5987	-643.0(WATER)		3.24	1.83	0.71	0.565	2.585	4.573	1093.	34.	10.	758.7	30.8	1
872	10	512	37.1063	88.5994	-645.2(WATER)		4.87	0.90	0.39	0.0	0.0	12.435	945.	49.	11.	758.7	30.9	1
873	10	516	37.1063	88.6001	-640.5(WATER)		3.98	0.49	0.55	0.0	0.0	7.203	846.	31.	14.	758.7	31.0	1
874	10	524	37.1064	88.6009	-636.2(WATER)		4.78	-0.61	0.68	0.0	0.0	7.051	784.	33.	13.	758.7	30.6	1
875	10	528	37.1064	88.6015	-638.5(WATER)		6.07	0.51	0.56	0.0	0.0	10.797	869.	34.	14.	757.6	31.2	1
876	10	524	37.1064	88.6023	-640.2(WATER)		4.67	-1.56	0.68	0.0	0.0	6.833	821.	34.	17.	757.6	32.0	1
877	10	536	37.1064	88.6030	-639.2(WATER)		3.24	0.61	0.47	0.0	0.0	6.855	715.	44.	12.	757.6	31.2	1
878	11	548	37.1064	88.6037	-640.2(WATER)		3.24	-0.54	0.18	0.0	0.0	0.0	613.	42.	15.	758.7	30.6	1
879	10	556	37.1064	88.6045	-645.7(WATER)		1.46	-0.52	0.33	0.0	0.0	4.404	478.	35.	14.	758.7	30.9	1
880	111	556	37.1064	88.6052	-648.0(WATER)		0.98	0.03	0.05	0.0	0.0	0.0	377.	35.	9.	758.7	30.8	1
881	10	560	37.1064	88.6059	-641.7(WATER)		1.64	-1.12	0.30	0.0	0.0	5.476	353.	37.	14.	758.7	30.6	1
882	111	556	37.1064	88.6066	-638.7(WATER)		0.09	-0.13	-0.08	0.0	0.0	0.0	220.	30.	12.	758.7	30.7	1
883	111	556	37.1064	88.6073	-641.2(WATER)		0.18	0.99	-0.13	0.0	0.0	0.0	256.	30.	13.	758.7	30.7	1
884	111	556	37.1064	88.6080	-641.5(WATER)		-0.11	0.25	-0.17	0.0	0.0	0.0	138.	49.	13.	758.7	30.4	1
885	111	556	37.1064	88.6087	-641.7(WATER)		0.31	0.18	-0.16	0.0	0.0	0.0	138.	41.	12.	759.2	30.8	1
886	111	556	37.1064	88.6094	-643.0(WATER)		0.45	-1.03	-0.06	0.0	0.0	0.0	148.	33.	11.	758.1	32.0	1
887	111	556	37.1064	88.6102	-638.2(WATER)		0.12	-0.67	-0.03	0.0	0.0	0.0	198.	30.	13.	756.1	32.4	1
888	111	556	37.1065	88.6109	-636.2(WATER)		0.11	-0.16	-0.01	0.0	0.0	0.0	142.	31.	7.	756.1	32.3	1
889	111	556	37.1065	88.6116	-639.5(WATER)		-0.07	-0.33	0.04	0.0	0.0	0.0	97.	41.	9.	757.1	32.1	1
890	111	556	37.1065	88.6123	-639.2(WATER)		0.06	0.40	-0.07	0.0	0.0	0.0	117.	34.	10.	756.6	30.9	1
891	111	556	37.1065	88.6130	-639.7(WATER)		0.86	-0.58	-0.09	0.0	0.0	0.0	83.	44.	9.	756.6	30.5	1
892	111	556	37.1065	88.6137	-639.2(WATER)		0.38	-0.67	0.01	0.0	0.0	0.0	126.	35.	10.	757.6	30.7	1
893	111	552	37.1065	88.6145	-637.7(WATER)		0.17	-0.61	-0.07	0.0	0.0	0.0	138.	41.	14.	756.6	30.6	1
894	111	552	37.1065	88.6152	-633.0(WATER)		-0.06	-0.59	0.03	0.0	0.0	0.0	112.	42.	10.	756.6	30.9	1
895	111	548	37.1065	88.6159	-632.0(WATER)		0.12	-1.38	0.03	0.0	0.0	0.0	97.	39.	12.	756.6	30.7	1
896	111	548	37.1066	88.6167	-635.2(WATER)		-0.04	-0.59	0.08	0.0	0.0	0.0	116.	38.	9.	756.6	30.9	1
897	111	548	37.1066	88.6174	-638.2(WATER)		0.55	-0.25	-0.02	0.0	0.0	0.0	109.	42.	7.	756.6	32.4	1
898	111	548	37.1066	88.6181	-636.5(WATER)		-0.12	0.49	-0.10	0.0	0.0	0.0	110.	43.	8.	758.7	32.5	1
899	110	548	37.1066	88.6188	-632.2	QAL	0.78	-1.35	0.24	0.0	0.0	0.0	168.	35.	11.	757.6	31.1	1
900	111	544	37.1066	88.6195	-628.5	QAL	-0.10	0.04	0.05	0.0	0.0	0.0	90.	44.	9.	755.5	30.9	1
901	111	544	37.1066	88.6202	-628.2	QAL	1.09	-0.56	-0.10	0.0	0.0	0.0	131.	28.	10.	757.6	31.1	1

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
902	111	540	37.1066	88.6209	-627.5	QAL	-0.07	-0.37	-0.02	0.0	0.0	0.0	156.	40.	9.	758.7	30.9	1
903	11	544	37.1066	88.6216	-626.7	QAL	1.56	0.11	-0.15	0.0	0.0	0.0	181.	35.	11.	756.6	31.1	1
904	111	544	37.1066	88.6223	-628.7	QAL	0.09	-0.85	0.03	0.0	0.0	0.0	142.	43.	8.	756.6	31.2	1
905	111	544	37.1066	88.6232	-622.5	QAL	-0.13	1.10	0.01	0.0	0.0	0.0	152.	42.	5.	756.6	31.1	1
906	111	544	37.1066	88.6239	-618.5	QAL	0.58	-0.22	0.15	0.0	0.0	0.0	203.	28.	5.	755.0	31.1	1
907	110	544	37.1066	88.6246	-623.5	QAL	1.09	-1.29	0.29	0.0	0.0	0.0	268.	32.	5.	756.1	31.1	1
908	110	544	37.1066	88.6253	-620.5	QAL	1.06	1.08	0.30	0.0	0.0	0.0	325.	42.	2.	757.1	31.2	1
909	11	544	37.1066	88.6260	-622.0	QAL	2.15	1.31	0.12	0.0	0.0	0.0	401.	48.	0.	756.1	31.2	1
910	0	548	37.1066	88.6267	-628.0	QAL	2.01	1.52	0.26	0.755	5.917	7.836	535.	46.	2.	756.6	31.2	1
911	10	544	37.1067	88.6275	-619.2	QAL	3.72	1.12	0.73	0.0	0.0	5.080	675.	44.	1.	757.6	31.1	1
912	10	528	37.1067	88.6282	-620.0	QAL	4.29	0.41	0.84	0.0	0.0	5.131	879.	33.	3.	757.6	31.1	1
913	0	524	37.1067	88.6289	-625.0	QAL	4.64	3.77	0.62	0.814	6.043	7.427	1209.	33.	4.	757.6	31.1	1
914	10	524	37.1067	88.6296	-618.0	QAL	5.29	0.59	0.86	0.0	0.0	6.134	1210.	42.	9.	758.7	31.1	1
915	0	524	37.1067	88.6303	-615.5	QAL	7.16	2.48	1.11	0.346	2.240	6.474	1447.	34.	5.	758.7	31.2	1
916	10	516	37.1067	88.6310	-606.0	QAL	7.14	1.38	1.08	0.0	0.0	6.581	1417.	28.	12.	758.7	31.2	1
917	10	504	37.1067	88.6317	-579.2	QAL	8.22	1.71	0.74	0.0	0.0	11.167	1386.	36.	10.	758.7	31.2	1
918	0	484	37.1067	88.6324	-577.5	QAL	6.01	2.95	0.86	0.490	3.418	6.969	1328.	40.	12.	758.7	31.1	1
919	10	492	37.1068	88.6331	-600.5	QAL	9.14	1.51	1.24	0.0	0.0	7.361	1439.	44.	11.	758.7	31.2	1
920	0	492	37.1068	88.6339	-616.5	QAL	7.24	2.61	0.69	0.360	3.753	10.420	1516.	37.	10.	758.7	31.2	1
921	0	496	37.1068	88.6346	-616.5	QAL	6.40	3.25	1.00	0.508	3.240	6.376	1524.	37.	11.	758.7	31.2	1
922	10	496	37.1068	88.6353	-613.2	QAL	8.00	1.57	1.07	0.0	0.0	7.451	1509.	38.	10.	759.2	31.2	1
923	0	492	37.1068	88.6360	-618.2	QAL	8.18	2.35	1.33	0.287	1.771	6.161	1541.	47.	12.	759.2	31.2	1
924	0	492	37.1068	88.6368	-620.2	QAL	5.03	3.01	0.89	0.599	3.385	5.648	1458.	45.	9.	758.1	31.2	1
925	0	488	37.1068	88.6375	-612.2	QAL	7.40	2.42	0.98	0.327	2.461	7.538	1460.	26.	10.	758.7	31.2	1
926	10	492	37.1069	88.6382	-611.5	QAL	6.34	1.29	1.34	0.0	0.0	4.732	1395.	48.	8.	759.7	31.2	1
927	0	492	37.1069	88.6389	-616.2	QAL	5.10	3.49	0.87	0.684	4.021	5.877	1436.	35.	5.	758.7	31.1	1
928	0	492	37.1069	88.6396	-612.5	QAL	7.85	3.88	0.85	0.494	4.537	9.184	1459.	41.	3.	758.7	31.1	1
929	0	492	37.1069	88.6404	-610.0	QAL	7.64	3.87	1.04	0.507	3.742	7.386	1598.	40.	4.	759.7	31.1	1
930	0	488	37.1069	88.6411	-613.7	QAL	6.92	3.10	0.97	0.448	3.191	7.120	1505.	52.	5.	759.7	31.1	1
931	0	492	37.1069	88.6418	-613.7	QAL	9.32	4.18	1.27	0.448	3.277	7.316	1702.	42.	0.	758.7	31.1	1
932	0	496	37.1069	88.6425	-612.0	QAL	8.95	2.13	1.22	0.237	1.747	7.360	1768.	36.	5.	759.7	31.1	1
933	0	500	37.1069	88.6432	-612.5	QAL	6.83	3.26	1.50	0.477	2.175	4.558	1730.	41.	6.	759.7	31.1	1
934	0	500	37.1069	88.6439	-615.2	QAL	6.45	3.24	1.08	0.503	3.007	5.980	1726.	41.	3.	758.7	31.1	1
935	0	508	37.1069	88.6446	-612.5	QAL	9.11	4.30	1.17	0.472	3.685	7.803	1850.	40.	5.	758.7	31.1	1
936	10	516	37.1069	88.6453	-607.7	QAL	11.09	1.31	1.29	0.0	0.0	8.604	1881.	27.	6.	759.2	31.2	1
937	0	520	37.1069	88.6461	-607.7	QAL	11.16	2.02	1.16	0.181	1.747	9.660	1726.	33.	8.	758.1	31.1	1
938	0	524	37.1069	88.6468	-607.7	QAL	5.81	2.36	1.07	0.406	2.204	5.431	1673.	49.	9.	758.1	31.2	1
939	0	528	37.1069	88.6476	-605.5	QAL	9.31	2.50	0.93	0.269	2.680	9.965	1694.	57.	8.	758.1	31.2	1
940	10	536	37.1069	88.6483	-606.2	QAL	7.38	1.69	1.39	0.0	0.0	5.309	1804.	48.	12.	756.6	31.2	1
941	10	536	37.1069	88.6490	-606.5	QAL	10.27	1.24	1.36	0.0	0.0	7.577	1844.	43.	12.	756.6	31.2	1
942	0	536	37.1070	88.6497	-605.7	QAL	9.08	2.19	1.44	0.241	1.519	6.292	1733.	35.	7.	758.7	31.2	1
943	0	536	37.1070	88.6505	-610.5	QAL	9.29	3.54	1.04	0.381	3.404	8.929	1824.	31.	12.	757.1	31.2	1
944	0	540	37.1070	88.6512	-611.2	QAL	8.94	2.99	1.18	0.334	2.520	7.545	1906.	49.	11.	756.1	31.2	1
945	0	544	37.1070	88.6519	-606.2	QAL	8.73	3.23	1.21	0.370	2.670	7.217	1751.	45.	10.	759.2	31.1	1
946	0	544	37.1070	88.6526	-605.7	QAL	9.81	3.65	1.01	0.372	3.608	9.690	1797.	38.	4.	758.1	31.1	1
947	0	540	37.1070	88.6533	-606.0	QAL	7.62	3.50	1.27	0.460	2.756	5.996	1829.	40.	4.	755.5	31.0	1
948	0	536	37.1070	88.6540	-606.0	QAL	9.21	3.96	1.09	0.430	3.643	8.475	1715.	56.	5.	756.6	31.0	1
949	10	536	37.1071	88.6547	-604.2	QAL	10.22	1.59	1.10	0.0	0.0	9.292	1763.	31.	8.	757.1	31.0	1
950	10	532	37.1071	88.6554	-604.5	QAL	9.89	0.98	1.30	0.0	0.0	7.625	1620.	42.	11.	757.1	31.0	1
951	10	472	37.1071	88.6562	-603.7	QAL	6.32	1.49	0.92	0.0	0.0	6.884	1395.	49.	12.	757.1	31.0	1
952	0	452	37.1071	88.6569	-596.7	QAL	6.16	3.05	0.81	0.494	3.762	7.609	1401.	32.	9.	756.1	31.0	1
953	0	460	37.1071	88.6576	-597.5	QAL	5.17	2.30	0.54	0.445	4.251	9.548	1316.	46.	13.	755.5	31.0	1
954	0	512	37.1071	88.6583	-599.7	QAL	8.60	2.92	0.73	0.340	3.989	11.739	1477.	38.	12.	756.6	31.0	1

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
955	10	524	37.1071	88.6590	-596.0	QAL	10.00	1.53	0.78	0.0	0.0	12.854	1534.	34.	15.	757.1	31.0	1
956	0	524	37.1071	88.6597	-601.5	QAL	6.57	2.14	0.83	0.326	2.574	7.904	1528.	44.	19.	757.6	31.0	1
957	0	524	37.1071	88.6605	-605.7	QAL	8.31	2.85	0.85	0.343	3.344	9.736	1532.	43.	15.	757.6	31.0	1
958	10	520	37.1071	88.6612	-599.7	QAL	10.36	1.07	1.06	0.0	0.0	9.732	1657.	48.	16.	758.1	31.0	1
959	10	516	37.1071	88.6619	-603.5	QAL	7.96	1.68	0.71	0.0	0.0	11.261	1474.	28.	14.	758.1	31.1	1
960	10	520	37.1071	88.6626	-609.2	QT-2	7.60	0.61	1.04	0.0	0.0	7.339	1433.	45.	14.	757.6	31.0	1
961	10	520	37.1071	88.6634	-607.0	QT-2	7.86	1.38	1.04	0.0	0.0	7.535	1459.	33.	10.	758.1	31.0	1
962	0	520	37.1072	88.6641	-603.2	QT-2	7.13	3.15	0.73	0.442	4.300	9.739	1485.	33.	9.	758.1	31.0	1
963	0	520	37.1072	88.6648	-596.5	QT-2	8.92	2.35	0.94	0.263	2.511	9.541	1617.	36.	8.	758.1	30.9	1
964	0	516	37.1072	88.6655	-599.0	QT-2	5.67	3.47	0.71	0.612	4.885	7.981	1512.	41.	8.	758.7	31.0	1
965	0	508	37.1072	88.6662	-608.5	QT-2	7.72	3.91	0.76	0.507	5.144	10.148	1606.	35.	9.	757.6	30.9	1
966	0	508	37.1072	88.6669	-601.5	QT-2	6.61	2.82	1.04	0.427	2.725	6.377	1573.	42.	14.	757.6	30.9	1
967	0	504	37.1072	88.6676	-595.5	QT-2	6.24	2.35	1.16	0.377	2.033	5.391	1578.	35.	14.	758.7	30.9	1
968	0	500	37.1072	88.6683	-602.5	QT-2	10.59	2.53	0.87	0.239	2.907	12.149	1497.	45.	10.	757.6	31.0	1
969	0	484	37.1072	88.6691	-601.5	QT-2	6.86	1.80	1.07	0.262	1.682	6.415	1476.	35.	12.	756.6	31.0	1
970	0	456	37.1072	88.6698	-597.2	QT-2	6.35	2.86	0.85	0.450	3.364	7.483	1448.	41.	11.	756.6	31.0	1
971	0	440	37.1072	88.6705	-599.7	QT-2	6.60	3.05	0.77	0.461	3.954	8.574	1357.	48.	10.	756.6	31.0	1
972	0	428	37.1072	88.6712	-599.2	QT-2	5.88	1.65	1.03	0.280	1.597	5.697	1353.	31.	7.	756.6	31.0	1
973	0	432	37.1073	88.6719	-602.2	QT-2	7.52	2.29	0.70	0.305	3.273	10.735	1395.	34.	6.	756.6	31.0	1
974	10	480	37.1073	88.6727	-603.2	QT-2	9.78	0.72	0.90	0.0	0.0	10.920	1549.	33.	6.	757.6	31.0	1
975	0	500	37.1073	88.6734	-603.7	QT-2	6.82	3.33	1.11	0.489	3.004	6.144	1656.	41.	6.	757.6	31.0	1
976	0	504	37.1073	88.6741	-603.5	QT-2	10.34	2.73	0.96	0.264	2.835	10.742	1676.	51.	5.	758.7	31.0	1
977	0	508	37.1074	88.6748	-598.2	QT-2	7.86	2.56	1.25	0.326	2.045	6.274	1680.	39.	7.	758.7	31.0	1
978	0	512	37.1074	88.6755	-599.2	QT-2	8.68	3.32	0.91	0.382	3.648	9.540	1678.	45.	6.	758.7	31.0	1
979	0	516	37.1074	88.6763	-609.2	QT-2	8.95	1.97	1.19	0.221	1.666	7.549	1670.	48.	6.	758.7	31.0	1
980	0	512	37.1074	88.6770	-606.0	QT-2	8.20	4.28	1.12	0.522	3.816	7.308	1694.	27.	6.	758.7	31.0	1
981	0	504	37.1074	88.6777	-597.7	QT-2	9.51	1.90	0.96	0.200	1.985	9.932	1628.	31.	5.	758.7	31.0	1
982	0	500	37.1074	88.6784	-599.5	QT-2	5.86	4.17	0.89	0.712	4.715	6.624	1466.	53.	4.	757.6	31.0	1
983	0	496	37.1074	88.6791	-599.0	QT-2	7.41	2.74	0.74	0.370	3.713	10.029	1411.	55.	2.	757.6	31.0	1
984	0	492	37.1074	88.6798	-596.5	QT-2	7.75	3.13	0.71	0.403	4.434	10.993	1431.	37.	2.	757.6	31.0	1
985	0	496	37.1075	88.6805	-605.2	QT-2	7.03	3.30	0.89	0.470	3.699	7.873	1491.	35.	0.	757.6	31.0	1
986	0	496	37.1075	88.6812	-613.0	QT-2	11.39	2.82	0.81	0.248	3.506	14.146	1496.	46.	3.	757.6	31.0	1
987	0	496	37.1075	88.6820	-608.0	QT-2	9.51	3.13	1.18	0.329	2.662	8.083	1598.	44.	0.	756.6	31.0	1
988	0	492	37.1075	88.6827	-603.5	QT-2	8.75	1.97	1.06	0.225	1.851	8.220	1552.	34.	2.	757.6	31.0	1
989	0	492	37.1075	88.6834	-608.2	QT-2	8.21	3.69	0.97	0.450	3.799	8.451	1679.	42.	2.	758.7	31.0	1
990	0	492	37.1075	88.6841	-611.2	QT-2	8.21	5.06	0.71	0.617	7.115	11.535	1584.	41.	2.	758.7	31.0	1
991	0	496	37.1075	88.6848	-607.7	QT-2	8.77	2.73	1.01	0.311	2.703	8.696	1634.	33.	4.	758.7	31.1	1
992	0	500	37.1075	88.6855	-606.0	QT-2	9.51	1.97	1.05	0.208	1.880	9.058	1670.	39.	4.	758.7	31.1	1
993	0	508	37.1076	88.6862	-606.2	QT-2	7.59	3.11	1.18	0.410	2.638	6.427	1624.	35.	4.	758.7	31.1	1
994	0	516	37.1076	88.6869	-608.0	QT-2	9.69	2.26	1.02	0.233	2.219	9.535	1581.	41.	4.	757.6	31.1	1
995	0	520	37.1076	88.6876	-608.2	QAL	9.06	4.24	0.99	0.467	4.257	9.110	1645.	28.	9.	756.6	31.1	1
996	0	524	37.1076	88.6883	-611.2	QAL	7.70	3.30	0.77	0.429	4.270	9.964	1596.	42.	6.	756.6	30.8	1
997	0	536	37.1077	88.6890	-613.2	QAL	6.43	2.71	0.98	0.421	2.753	6.537	1545.	43.	4.	755.5	31.2	1
998	0	544	37.1077	88.6897	-612.5	QT-2	6.58	2.90	1.02	0.441	2.852	6.475	1417.	45.	6.	755.5	32.4	1
999	0	540	37.1077	88.6905	-617.0	QT-2	5.08	2.39	1.04	0.470	2.300	4.897	1393.	45.	4.	756.6	32.6	1
1000	0	528	37.1077	88.6912	-618.5	QT-2	9.55	2.12	0.94	0.222	2.259	10.181	1400.	43.	3.	756.6	32.3	1
1001	10	520	37.1077	88.6919	-614.5	QT-2	6.36	1.71	1.10	0.0	0.0	5.790	1296.	37.	11.	756.1	32.5	1
1002	10	500	37.1077	88.6927	-613.7	QT-2	5.88	1.59	1.13	0.0	0.0	5.198	1260.	40.	7.	757.1	32.5	1
1003	0	512	37.1077	88.6934	-612.2	QT-2	7.03	3.78	0.93	0.539	4.078	7.573	1425.	38.	6.	758.7	32.3	1
1004	10	508	37.1077	88.6941	-615.5	QT-2	10.65	1.19	1.06	0.0	0.0	10.049	1541.	44.	4.	758.7	32.5	1
1005	0	500	37.1077	88.6948	-620.7	QT-2	7.32	3.41	0.88	0.466	3.874	8.307	1612.	43.	7.	758.7	32.2	1
1006	0	504	37.1078	88.6955	-618.2	QT-2	8.14	4.01	1.08	0.493	3.721	7.549	1649.	49.	6.	758.7	31.2	1
1007	0	500	37.1078	88.6962	-615.7	QT-2	7.53	3.60	1.10	0.478	3.267	6.840	1621.	43.	3.	757.6	30.8	1

CP9 1P12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1008	0	500	37.1078	88.6970	-617.2	QT-2	8.80	2.82	0.98	0.321	2.880	8.975	1681.	37.	7.	757.6	31.1	1
1009	10	496	37.1078	88.6977	-616.0	QT-2	9.53	0.57	1.15	0.0	0.0	8.281	1601.	41.	8.	757.6	31.1	1
1010	0	492	37.1078	88.6984	-614.2	QT-2	8.53	1.99	0.89	0.233	2.238	9.615	1578.	34.	7.	756.6	31.1	1
1011	0	496	37.1078	88.6991	-616.5	QT-2	7.06	3.54	1.00	0.501	3.522	7.028	1624.	38.	8.	756.6	31.2	1
1012	0	492	37.1079	88.6997	-617.2	QT-2	6.19	3.71	1.16	0.600	3.206	5.342	1685.	33.	7.	756.6	31.0	1
1013	0	492	37.1079	88.7005	-617.2	QT-2	8.53	3.26	0.90	0.382	3.630	9.501	1597.	38.	7.	756.6	31.1	1
1014	0	492	37.1079	88.7012	-616.7	QT-2	5.91	3.90	1.07	0.659	3.648	5.531	1583.	44.	3.	757.6	31.3	1
1015	0	492	37.1079	88.7019	-615.0	QT-2	8.54	3.70	0.95	0.433	3.908	9.017	1602.	46.	5.	758.7	31.0	1
1016	0	488	37.1079	88.7026	-619.0	QT-2	10.26	2.45	1.00	0.239	2.449	10.240	1595.	43.	3.	757.6	31.5	1
1017	0	492	37.1079	88.7033	-622.5	QT-2	7.24	3.16	1.05	0.436	3.011	6.899	1650.	45.	2.	758.7	32.3	1
1018	0	492	37.1080	88.7040	-619.2	QT-2	10.69	2.76	0.99	0.258	2.786	10.787	1619.	44.	3.	758.7	31.6	1
1019	10	500	37.1080	88.7047	-618.7	QT-2	9.82	1.48	1.20	0.0	0.0	8.202	1809.	32.	2.	757.1	31.0	1
1020	10	500	37.1080	88.7055	-624.7	QT-2	9.19	1.59	1.28	0.0	0.0	7.162	1757.	41.	1.	758.1	31.4	1
1021	0	504	37.1080	88.7062	-621.7	QT-2	7.02	4.57	1.21	0.650	3.788	5.826	1531.	41.	3.	758.1	31.3	1
1022	0	508	37.1080	88.7069	-617.7	QAL	7.37	5.60	0.64	0.760	8.702	11.457	1647.	39.	1.	757.1	31.2	1
1023	0	496	37.1080	88.7076	-628.0	QAL	5.40	3.53	0.92	0.654	3.854	5.894	1553.	41.	6.	758.7	31.3	1
1024	0	468	37.1080	88.7083	-628.0	QAL	6.56	2.62	0.93	0.400	2.813	7.030	1362.	27.	6.	758.7	31.2	1
1025	0	468	37.1080	88.7090	-621.7	QAL	7.55	1.86	0.69	0.246	2.676	10.887	1358.	32.	6.	756.1	31.2	1
1026	0	492	37.1081	88.7098	-627.5	QT-1	5.02	3.56	0.71	0.709	5.007	7.057	1429.	36.	5.	757.1	31.2	1
1027	0	508	37.1081	88.7105	-630.0	QT-2	6.44	2.70	0.91	0.420	2.979	7.095	1568.	51.	5.	759.2	31.1	1
1028	0	504	37.1081	88.7112	-625.0	QT-2	6.77	3.37	1.17	0.498	2.889	5.804	1687.	29.	9.	758.7	31.1	1
1029	0	500	37.1081	88.7119	-630.2	QT-2	7.57	2.47	1.03	0.326	2.391	7.334	1615.	40.	6.	758.7	31.1	1
1030	10	496	37.1082	88.7125	-633.2	QT-2	8.06	1.36	1.06	0.0	0.0	7.631	1611.	42.	6.	758.7	31.1	1
1031	0	492	37.1082	88.7133	-628.2	QT-2	8.56	3.22	1.09	0.376	2.945	7.836	1700.	27.	4.	757.6	31.1	1
1032	0	492	37.1082	88.7140	-631.0	QT-2	8.00	3.74	1.07	0.468	3.503	7.488	1710.	28.	5.	758.7	31.1	1
1033	0	492	37.1082	88.7147	-632.2	QT-2	8.86	3.03	1.08	0.342	2.811	8.219	1684.	42.	9.	758.7	31.1	1
1034	0	496	37.1082	88.7154	-628.2	QT-2	8.40	3.51	0.93	0.418	3.788	9.056	1712.	38.	3.	758.7	31.2	1
1035	0	496	37.1082	88.7162	-628.2	QT-2	8.44	2.61	1.14	0.309	2.296	7.432	1693.	35.	7.	758.7	31.2	1
1036	0	496	37.1082	88.7169	-632.5	QT-2	8.20	4.57	1.11	0.557	4.111	7.377	1713.	28.	7.	758.7	31.2	1
1037	10	496	37.1082	88.7176	-637.5	QT-2	6.90	1.56	1.55	0.0	0.0	4.455	1663.	43.	11.	758.1	31.1	1
1038	0	496	37.1082	88.7183	-635.7	QT-2	8.51	3.28	1.11	0.385	2.964	7.692	1662.	41.	6.	758.1	31.1	1
1039	0	492	37.1083	88.7190	-629.7	QT-2	7.66	2.12	1.09	0.276	1.944	7.036	1574.	39.	9.	758.7	31.1	1
1040	10	492	37.1083	88.7197	-631.7	QT-2	9.44	1.56	0.97	0.0	0.0	9.779	1658.	58.	6.	757.6	31.2	1
1041	0	488	37.1083	88.7205	-633.0	QAL	5.87	2.59	1.16	0.442	2.239	5.063	1646.	28.	5.	756.6	31.1	1
1042	0	500	37.1083	88.7212	-631.5	QAL	7.21	2.04	1.04	0.282	1.952	6.911	1688.	44.	6.	757.6	31.1	1
1043	0	504	37.1084	88.7219	-635.0	QAL	7.74	2.36	1.09	0.305	2.164	7.089	1615.	48.	3.	757.6	31.1	1
1044	0	508	37.1084	88.7226	-632.5	QAL	7.77	2.63	1.40	0.339	1.885	5.557	1670.	48.	2.	757.6	31.2	1
1045	10	508	37.1084	88.7233	-634.2	QAL	8.58	1.49	1.08	0.0	0.0	7.972	1657.	45.	3.	758.1	31.2	1
1046	0	512	37.1084	88.7240	-643.2	QAL	8.98	3.73	1.02	0.416	3.666	8.820	1585.	43.	0.	758.1	31.2	1
1047	0	512	37.1084	88.7247	-644.0	QAL	7.78	2.34	1.48	0.301	1.583	5.255	1641.	37.	0.	758.1	31.2	1
1048	0	516	37.1084	88.7254	-639.2	QAL	8.49	2.20	1.28	0.259	1.713	6.614	1621.	29.	8.	758.1	31.1	1
1049	10	516	37.1084	88.7261	-639.0	QAL	6.95	0.74	1.37	0.0	0.0	5.078	1479.	50.	8.	759.2	31.1	1
1050	10	516	37.1084	88.7268	-639.2	QAL	6.69	1.58	0.99	0.0	0.0	6.728	1549.	36.	9.	759.2	31.1	1
1051	10	516	37.1085	88.7275	-642.0	QAL	8.76	0.40	1.10	0.0	0.0	7.968	1373.	38.	9.	759.2	31.1	1
1052	0	516	37.1085	88.7283	-643.5	QAL	6.35	1.87	1.37	0.294	1.367	4.649	1303.	38.	9.	758.7	31.1	1
1053	10	516	37.1085	88.7290	-646.5	QAL	7.05	1.16	0.99	0.0	0.0	7.087	1251.	46.	8.	757.6	31.1	1
1054	0	520	37.1085	88.7297	-641.2	QAL	7.06	2.01	0.91	0.285	2.198	7.724	1256.	37.	9.	757.6	31.2	1
1055	0	524	37.1086	88.7304	-638.0	QAL	4.58	2.36	0.97	0.515	2.420	4.703	1222.	37.	7.	757.6	31.2	1
1056	0	520	37.1086	88.7311	-642.5	QAL	5.29	2.88	0.90	0.544	3.216	5.911	1335.	40.	8.	756.6	31.2	1
1057	0	520	37.1086	88.7318	-645.0	QT-2	7.19	2.41	1.16	0.336	2.082	6.195	1551.	29.	9.	756.6	31.2	1
1058	0	516	37.1086	88.7325	-642.5	QT-2	10.59	2.15	1.10	0.203	1.953	9.606	1629.	31.	7.	757.6	31.2	1
1059	0	508	37.1086	88.7332	-647.0	QT-2	7.85	1.86	1.01	0.237	1.835	7.753	1524.	50.	8.	757.6	31.3	1
1060	0	516	37.1086	88.7340	-645.2	QT-2	6.30	4.30	1.06	0.683	4.049	5.932	1711.	34.	8.	758.7	31.4	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1061	0	520	37.1086	88.7347	-641.0	QT-2	8.28	3.36	0.92	0.406	3.668	9.044	1665.	35.	7.	758.7	31.5	1
1062	0	520	37.1086	88.7354	-642.7	QT-2	7.22	2.68	1.04	0.371	2.583	6.965	1565.	41.	7.	758.1	31.5	1
1063	0	520	37.1087	88.7361	-646.7	QT-2	8.86	3.00	0.67	0.339	4.490	13.244	1575.	43.	6.	758.7	31.4	1
1064	0	524	37.1087	88.7368	-644.2	QT-2	7.29	3.19	0.87	0.437	3.657	8.364	1491.	51.	6.	757.6	31.4	1
1065	0	524	37.1087	88.7375	-641.5	QT-2	7.88	3.60	0.77	0.457	4.680	10.239	1508.	47.	5.	756.6	31.3	1
1066	10	528	37.1087	88.7383	-644.2	QT-2	6.12	1.69	0.82	0.0	0.0	7.508	1426.	41.	10.	756.6	31.3	1
1067	0	532	37.1087	88.7390	-648.2	QT-1	6.26	3.37	0.91	0.538	3.684	6.844	1535.	32.	6.	755.5	31.3	1
1068	0	528	37.1088	88.7397	-646.2	QT-1	6.85	3.11	0.83	0.454	3.761	8.287	1529.	34.	5.	756.6	31.3	1
1069	0	516	37.1088	88.7404	-646.2	QT-1	6.95	2.91	0.94	0.418	3.107	7.431	1401.	41.	1.	756.6	31.3	1
1070	0	512	37.1088	88.7411	-649.7	QT-1	4.38	3.63	0.76	0.829	4.788	5.775	1379.	37.	2.	756.6	31.3	1
1071	0	512	37.1088	88.7418	-648.0	QT-1	5.86	3.57	0.86	0.609	4.173	6.854	1298.	50.	1.	758.7	31.2	1
1072	0	508	37.1088	88.7425	-647.5	QT-1	6.10	2.53	0.74	0.414	3.405	8.216	1215.	46.	2.	758.7	31.2	1
1073	0	504	37.1088	88.7432	-650.2	QT-1	5.18	3.24	0.58	0.625	5.563	8.907	1252.	39.	4.	757.1	31.4	1
1074	10	508	37.1088	88.7440	-646.0	QT-1	5.92	1.47	0.51	0.0	0.0	11.585	1149.	42.	6.	757.1	31.4	1
1075	0	508	37.1088	88.7447	-645.2	QT-1	2.82	3.95	0.61	1.401	6.438	4.597	1182.	43.	6.	757.6	31.3	1
1076	0	504	37.1089	88.7454	-649.7	QT-1	9.03	2.00	0.62	0.221	3.235	14.611	1301.	37.	5.	758.7	31.3	1
1077	0	500	37.1089	88.7461	-645.2	QT-1	8.38	2.31	0.53	0.275	4.344	15.772	1251.	51.	6.	758.1	31.3	1
1078	0	500	37.1089	88.7468	-647.2	QT-1	4.37	4.06	0.45	0.930	8.942	9.614	1300.	40.	5.	757.1	31.3	1
1079	0	496	37.1089	88.7475	-651.2	QT-1	8.28	2.23	0.50	0.270	4.440	16.449	1227.	33.	9.	758.1	31.3	1
1080	0	496	37.1089	88.7482	-642.7	QT-1	7.60	2.72	0.59	0.358	4.577	12.791	1206.	33.	5.	757.6	31.3	1
1081	1	480	37.1089	88.7490	-638.7	QT-1	3.98	4.59	0.21	1.152	0.0	0.0	1118.	42.	7.	756.6	31.3	1
1082	0	484	37.1089	88.7497	-640.5	QL	4.98	3.16	0.73	0.633	4.340	6.853	1206.	46.	7.	757.1	31.3	1
1083	0	480	37.1090	88.7504	-637.0	QL	5.09	2.86	0.67	0.561	4.241	7.562	1143.	53.	4.	757.1	31.3	1
1084	0	476	37.1090	88.7511	-639.5	QL	5.53	2.88	0.69	0.521	4.155	7.971	1330.	38.	3.	757.6	31.2	1
1085	0	476	37.1090	88.7518	-646.0	QL	7.81	4.21	0.64	0.539	6.543	12.134	1457.	29.	2.	758.7	31.3	1
1086	0	476	37.1090	88.7525	-646.2	QL	5.58	2.00	1.02	0.359	1.953	5.445	1381.	46.	6.	759.2	31.3	1
1087	0	488	37.1090	88.7532	-649.7	QL	5.87	3.01	0.99	0.512	3.022	5.899	1478.	29.	8.	758.1	31.3	1
1088	0	488	37.1091	88.7539	-650.5	QL	4.91	2.57	0.81	0.524	3.193	6.092	1465.	36.	7.	756.6	31.4	1
1089	0	484	37.1091	88.7546	-651.2	QL	7.16	2.30	1.19	0.322	1.936	6.018	1517.	42.	9.	756.6	31.3	1
1090	0	480	37.1091	88.7553	-649.5	QL	8.69	2.49	1.06	0.287	2.356	8.204	1538.	52.	6.	757.6	31.3	1
1091	0	476	37.1091	88.7560	-646.5	QL	6.36	2.67	1.10	0.421	2.428	5.772	1535.	37.	7.	758.1	31.3	1
1092	0	468	37.1091	88.7568	-645.5	QL	7.99	3.69	0.71	0.462	5.164	11.188	1416.	52.	5.	758.7	31.2	1
1093	0	468	37.1091	88.7575	-646.5	QL	5.94	2.90	0.95	0.488	3.055	6.255	1596.	28.	7.	758.7	31.3	1
1094	0	464	37.1091	88.7582	-649.5	QL	6.48	3.79	0.91	0.585	4.176	7.135	1499.	23.	7.	758.7	31.2	1
1095	0	464	37.1091	88.7589	-651.5	QL	7.27	2.60	0.98	0.358	2.655	7.416	1525.	42.	6.	758.7	31.2	1
1096	0	468	37.1091	88.7596	-649.5	QL	6.72	3.01	0.91	0.449	3.327	7.418	1542.	42.	7.	756.6	31.2	1
1097	0	464	37.1092	88.7604	-648.7	QL	9.66	1.80	0.77	0.186	2.345	12.583	1500.	49.	7.	756.6	31.3	1
1098	0	464	37.1092	88.7610	-649.2	QL	5.91	2.32	1.07	0.393	2.176	5.534	1555.	38.	9.	757.1	31.3	1
1099	0	468	37.1092	88.7618	-647.5	QL	8.36	2.32	0.93	0.277	2.489	8.978	1488.	37.	6.	757.1	31.3	1
1100	0	472	37.1092	88.7625	-644.7	QL	5.93	3.15	1.11	0.531	2.831	5.331	1584.	53.	11.	758.1	31.3	1
1101	10	480	37.1093	88.7632	-644.7	QL	6.54	1.44	1.05	0.0	0.0	6.243	1466.	59.	11.	758.7	31.3	1
1102	0	480	37.1093	88.7640	-647.7	QL	7.58	3.01	1.02	0.397	2.959	7.448	1567.	49.	12.	758.7	31.4	1
1103	0	476	37.1093	88.7647	-648.5	QL	7.55	2.07	1.00	0.274	2.061	7.519	1535.	38.	11.	758.7	31.4	1
1104	10	472	37.1093	88.7654	-647.2	QL	8.80	1.11	0.87	0.0	0.0	10.071	1542.	32.	10.	756.6	31.4	1
1105	10	468	37.1093	88.7661	-645.2	QL	7.54	1.20	1.05	0.0	0.0	7.182	1569.	41.	11.	755.5	31.3	1
1106	0	472	37.1093	88.7667	-645.5	QL	8.97	3.66	1.00	0.409	3.647	8.927	1637.	35.	6.	755.5	31.4	1
1107	0	480	37.1093	88.7674	-649.5	QL	6.57	3.14	1.12	0.477	2.808	5.881	1587.	37.	9.	756.1	31.4	1
1108	0	492	37.1093	88.7682	-654.2	QL	9.24	1.91	1.21	0.207	1.577	7.622	1540.	44.	8.	757.1	31.4	1
1109	10	512	37.1094	88.7689	-651.5	QL	6.10	1.30	0.95	0.0	0.0	6.435	1546.	39.	7.	758.1	31.3	1
1110	0	528	37.1094	88.7696	-645.2	QL	7.97	2.43	1.04	0.305	2.327	7.632	1530.	47.	1.	758.7	31.3	1
1111	0	540	37.1094	88.7703	-646.5	QL	6.87	4.64	0.70	0.675	6.675	9.883	1581.	29.	7.	757.6	31.2	1
1112	0	540	37.1094	88.7710	-649.7	QL	5.52	3.45	1.05	0.625	3.289	5.266	1493.	45.	6.	755.0	31.2	1
1113	0	544	37.1094	88.7718	-645.2	QL	6.30	2.65	1.05	0.420	2.509	5.973	1549.	34.	7.	754.0	31.2	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
								REDUCED DATA											
1114	0	552	37.1094	88.7725	-650.5		QL	6.18	4.49	1.13	0.725	3.977	5.484	1582.	38.	3.	755.0	31.3	1
1115	0	556	37.1095	88.7732	-655.5		QL	6.78	3.68	0.77	0.543	4.769	8.782	1538.	37.	10.	754.0	31.2	1
1116	0	560	37.1095	88.7739	-648.0		QL	7.73	3.67	1.20	0.475	3.055	6.434	1534.	46.	3.	754.5	31.3	1
1117	0	552	37.1095	88.7746	-647.0		QL	5.59	3.44	1.05	0.615	3.259	5.300	1539.	39.	6.	755.5	31.2	1
1118	0	548	37.1095	88.7753	-651.2		QL	6.70	2.21	0.89	0.330	2.496	7.566	1466.	43.	7.	754.5	31.2	1
1119	0	540	37.1095	88.7760	-651.5		QL	6.63	2.93	1.22	0.442	2.400	5.433	1542.	55.	4.	755.5	31.2	1
1120	0	532	37.1095	88.7767	-650.0		QL	5.72	4.05	0.84	0.708	4.817	6.805	1510.	52.	3.	757.6	31.3	1
1121	0	532	37.1096	88.7775	-648.5		QL	7.38	3.57	0.91	0.484	3.925	8.113	1507.	39.	2.	755.5	31.2	1
1122	0	524	37.1096	88.7782	-647.0		QL	8.62	2.75	1.14	0.319	2.417	7.576	1580.	34.	3.	755.0	31.2	1
1123	0	520	37.1096	88.7789	-644.0		QL	9.44	3.93	0.78	0.416	5.062	12.170	1566.	35.	0.	757.6	31.2	1
1124	10	520	37.1096	88.7796	-644.0		QL	7.67	1.64	1.10	0.0	0.0	6.976	1505.	46.	3.	755.5	31.2	1
1125	0	520	37.1096	88.7803	-649.5		QL	6.26	4.11	0.87	0.657	4.751	7.233	1411.	50.	4.	754.5	31.3	1
1126	0	516	37.1096	88.7810	-654.5		QL	7.92	2.19	1.40	0.277	1.565	5.647	1492.	31.	0.	757.1	31.3	1
1127	0	520	37.1096	88.7817	-650.5		QL	9.04	3.67	0.81	0.406	4.541	11.184	1507.	42.	1.	757.1	31.3	1
1128	0	520	37.1096	88.7824	-644.2		QL	7.55	2.72	1.01	0.361	2.698	7.480	1483.	36.	2.	756.6	31.3	1
1129	0	516	37.1096	88.7831	-649.0		QL	7.53	3.65	0.72	0.485	5.063	10.429	1532.	48.	6.	757.6	31.3	1
1130	0	516	37.1096	88.7837	-652.5		QL	6.17	3.72	1.02	0.603	3.657	6.062	1630.	43.	3.	757.1	31.3	1
1131	10	516	37.1095	88.7844	-648.7		QL	9.86	1.22	1.26	0.0	0.0	7.850	1610.	40.	6.	757.1	31.4	1
1132	0	516	37.1095	88.7851	-651.5		QL	8.23	2.93	0.99	0.356	2.958	8.306	1576.	42.	7.	756.6	31.4	1
1133	10	516	37.1095	88.7858	-652.2		QL	6.83	1.57	1.11	0.0	0.0	6.137	1541.	39.	8.	755.5	31.4	1
1134	0	504	37.1095	88.7864	-648.5		QL	5.70	2.95	0.89	0.517	3.305	6.393	1521.	37.	10.	756.6	31.4	1
1135	0	500	37.1095	88.7872	-650.7		QL	7.21	2.16	1.10	0.299	1.960	6.559	1465.	45.	12.	756.1	31.4	1
1136	0	500	37.1095	88.7879	-650.5		QL	6.05	2.42	1.24	0.400	1.958	4.892	1378.	38.	11.	755.5	31.4	1
1137	0	500	37.1095	88.7885	-644.2		QL	6.31	2.52	0.70	0.399	3.605	9.025	1423.	46.	12.	756.6	31.5	1
1138	10	496	37.1095	88.7892	-650.2		QL	5.74	1.15	0.96	0.0	0.0	5.974	1414.	31.	11.	757.6	31.5	1
1139	0	500	37.1095	88.7899	-653.2		QL	7.25	3.10	1.00	0.428	3.095	7.230	1464.	38.	12.	757.6	31.5	1
1140	0	500	37.1095	88.7906	-649.0		QL	7.17	4.01	0.87	0.559	4.618	8.262	1520.	42.	9.	758.7	31.5	1
1141	10	500	37.1094	88.7912	-652.0		QL	9.19	1.51	1.03	0.0	0.0	8.938	1524.	41.	8.	758.1	31.5	1
1142	0	504	37.1094	88.7919	-657.0		QL	8.19	3.79	0.82	0.463	4.622	9.986	1552.	46.	6.	757.1	31.5	1
1143	0	508	37.1094	88.7926	-652.2		QL	5.66	2.32	1.07	0.410	2.162	5.272	1504.	49.	6.	757.1	31.5	1
1144	10	516	37.1094	88.7933	-654.7		QL	5.09	1.58	1.36	0.0	0.0	3.753	1442.	49.	7.	756.1	31.4	1
1145	0	516	37.1094	88.7940	-656.2		QL	6.88	2.52	0.90	0.367	2.812	7.662	1401.	44.	6.	755.0	31.5	1
1146	0	520	37.1094	88.7947	-654.0		QL	7.45	1.99	0.94	0.267	2.118	7.926	1469.	48.	7.	755.5	31.4	1
1147	0	528	37.1094	88.7954	-659.2		QL	7.02	3.02	1.06	0.431	2.864	6.650	1492.	41.	6.	756.6	31.4	1
1148	0	532	37.1094	88.7960	-662.2		QL	9.94	2.27	0.90	0.382	2.510	6.570	1383.	39.	8.	756.6	31.5	1
1149	10	532	37.1094	88.7967	-662.0		QL	7.97	-0.22	0.69	0.0	0.0	11.610	1336.	46.	9.	757.6	31.5	1
1150	0	532	37.1094	88.7974	-664.5		QL	6.68	2.81	0.95	0.421	2.968	7.045	1417.	31.	5.	757.6	31.5	1
1151	0	524	37.1094	88.7981	-662.7		QL	7.44	2.35	0.80	0.316	2.959	9.353	1473.	36.	4.	757.6	31.5	1
1152	0	524	37.1093	88.7988	-659.5		QL	6.46	3.41	1.02	0.528	3.339	6.324	1432.	40.	2.	757.1	31.4	1
1153	0	520	37.1093	88.7995	-662.2		QL	7.57	2.91	0.61	0.384	4.799	12.502	1371.	34.	3.	756.1	31.3	1
1154	0	516	37.1093	88.8001	-668.7		QL	5.87	3.33	0.88	0.568	3.803	6.700	1528.	36.	5.	756.1	31.3	1
1155	10	504	37.1093	88.8008	-677.5		QL	7.11	1.60	0.94	0.0	0.0	7.545	1349.	48.	5.	755.5	31.3	1
1156	0	496	37.1093	88.8015	-683.5		QL	4.80	2.88	0.90	0.599	3.189	5.319	1379.	45.	8.	755.5	31.3	1
1157	0	492	37.1093	88.8022	-686.7		QL	5.66	4.07	0.47	0.719	8.638	12.011	1420.	48.	2.	757.1	31.2	1
1158	0	492	37.1093	88.8029	-690.7		QL	4.88	3.09	0.89	0.633	3.463	5.470	1579.	45.	3.	758.7	31.3	1
1159	0	492	37.1093	88.8036	-699.0		QL	5.27	2.56	0.49	0.487	5.259	10.805	1864.	41.	4.	758.7	31.3	1
1160	0	492	37.1093	88.8043	-675.5		QL	4.57	5.75	0.64	1.260	9.007	7.148	2784.	45.	2.	757.1	31.3	1
1161	0	472	37.1093	88.8049	-582.2		QL	4.20	6.82	0.81	1.621	8.421	5.193	4273.	54.	2.	757.1	31.5	1
1162	0	472	37.1093	88.8056	-510.5		QL	4.82	11.43	0.39	2.371	29.206	12.319	5791.	62.	0.	758.1	31.5	1
1163	100	496	37.1092	88.8063	-543.2		QL	0.95	10.15	0.92	0.0	11.085	0.0	5806.	68.	4.	756.1	31.4	1
1164	0	504	37.1092	88.8070	-581.0		QL	2.16	7.13	0.86	3.297	8.244	2.501	4582.	60.	4.	755.5	31.4	1
1165	0	504	37.1092	88.8077	-528.7		QL	1.81	5.66	0.65	3.118	8.697	2.790	3482.	47.	7.	756.1	31.3	1
1166	100	444	37.1092	88.8084	-440.5		QL	0.48	4.89	0.58	0.0	8.411	0.0	3138.	64.	10.	756.1	31.3	1

CP9 1P12

FLIGHT LINE 11 DAY 168 REDUCED DATA TEX-KENT 1979 PADUCAH

* ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK. UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
1167	100	420	37.1092	88.8091	-394.7	QL	1.09	5.69	0.48	0.0	11.888	0.0	3739.	58.	17.	756.1	31.3	1
1168	100	424	37.1092	88.8097	-391.5	QL	0.92	3.93	0.53	0.0	7.441	0.0	4369.	74.	21.	755.5	31.3	1
1169	100	424	37.1092	88.8105	-442.7	QL	-0.39	5.81	0.50	0.0	11.669	0.0	4900.	64.	30.	756.1	31.2	1
1170	100	428	37.1092	88.8111	-600.7	QL	0.74	6.56	0.72	0.0	9.068	0.0	5335.	78.	35.	756.6	31.3	1
1171	100	452	37.1092	88.8118	-788.7	QL	-0.68	5.45	0.91	0.0	6.002	0.0	5500.	103.	38.	756.6	31.2	1
1172	0	512	37.1092	88.8125	-856.5	QL	2.10	9.28	0.69	4.415	13.433	3.042	5852.	72.	40.	757.6	31.2	1
1173	100	512	37.1091	88.8132	-815.7	QL	0.76	6.22	1.05	0.0	5.929	0.0	5348.	80.	41.	757.1	31.2	1
1174	10	512	37.1091	88.8138	-754.7	QL	5.26	1.79	1.04	0.0	0.0	5.047	4704.	63.	37.	755.5	31.2	1
1175	100	512	37.1091	88.8145	-710.7	QL	1.56	4.04	0.89	0.0	4.540	0.0	4036.	62.	34.	755.0	31.2	1
1176	0	516	37.1091	88.8152	-696.0	QL	4.64	2.79	0.53	0.600	5.213	8.687	3227.	64.	26.	755.0	31.3	1
1177	0	520	37.1091	88.8159	-695.2	QL	2.86	3.97	0.54	1.386	7.388	5.329	2805.	52.	26.	756.6	31.3	1
1178	0	524	37.1091	88.8166	-693.5	QL	4.39	2.79	0.93	0.634	3.011	4.748	2475.	57.	23.	757.6	31.3	1
1179	0	520	37.1091	88.8172	-689.0	QL	5.48	2.17	0.82	0.396	2.660	6.711	2070.	40.	14.	756.6	31.3	1
1180	0	524	37.1091	88.8179	-681.2	QL	6.30	2.35	1.03	0.372	2.274	6.106	1851.	53.	14.	757.6	31.3	1
1181	0	520	37.1091	88.8186	-678.5	QL	5.05	1.73	1.04	0.343	1.663	4.849	1683.	39.	7.	757.6	31.2	1
1182	0	516	37.1091	88.8193	-683.0	QL	6.69	2.47	0.98	0.369	2.527	6.848	1564.	47.	6.	756.6	31.4	1
1183	0	516	37.1091	88.8200	-680.7	QAL	6.35	2.81	0.63	0.443	4.434	10.001	1464.	36.	6.	756.6	31.8	1
1184	0	496	37.1090	88.8207	-677.0	QAL	5.36	3.88	0.87	0.725	4.454	6.145	1366.	34.	1.	755.5	31.9	1
1185	10	488	37.1090	88.8213	-679.0	QAL	4.91	1.42	0.87	0.0	0.0	5.670	1285.	35.	5.	755.5	31.7	1
1186	0	476	37.1090	88.8221	-680.5	QAL	4.08	2.33	0.69	0.572	3.401	5.948	1212.	41.	3.	755.5	31.5	1
1187	10	484	37.1090	88.8227	-678.2	QAL	6.41	0.71	0.97	0.0	0.0	6.589	1244.	41.	6.	755.5	31.4	1
1188	0	508	37.1090	88.8234	-678.2	QAL	4.10	3.77	0.87	0.918	4.346	4.734	1336.	48.	6.	756.6	31.4	1
1189	0	524	37.1090	88.8241	-680.7	QAL	6.13	2.99	0.83	0.488	3.594	7.367	1444.	44.	7.	757.6	31.4	1
1190	10	520	37.1090	88.8248	-681.7	QL	6.87	0.55	0.85	0.0	0.0	8.069	1434.	32.	11.	758.1	31.4	1
1191	10	516	37.1090	88.8255	-681.2	QL	5.52	1.68	1.14	0.0	0.0	4.851	1388.	40.	9.	758.1	31.3	1
1192	10	508	37.1090	88.8261	-682.0	QL	6.48	1.01	1.10	0.0	0.0	5.882	1455.	43.	8.	758.1	31.3	1
1193	0	500	37.1090	88.8269	-683.5	QL	6.99	3.54	0.97	0.506	3.645	7.199	1497.	37.	8.	757.1	31.3	1
1194	10	504	37.1090	88.8275	-682.5	QL	8.97	0.87	0.93	0.0	0.0	9.635	1499.	31.	14.	756.6	31.4	1
1195	0	500	37.1089	88.8282	-686.5	QL	5.58	2.65	0.66	0.475	4.003	8.431	1463.	34.	12.	757.6	31.8	1
1196	10	484	37.1089	88.8289	-688.7	QL	9.47	1.15	0.84	0.0	0.0	11.256	1384.	27.	10.	757.1	31.9	1
1197	10	432	37.1089	88.8296	-681.5	QL	5.92	1.24	0.96	0.0	0.0	6.176	1272.	28.	12.	756.1	31.9	1
1198	0	420	37.1089	88.8303	-685.0	QL	5.14	1.91	0.70	0.372	2.731	7.341	1224.	44.	10.	756.1	31.9	1
1199	10	424	37.1089	88.8309	-690.0	QL	8.01	0.38	0.96	0.0	0.0	8.376	1331.	38.	9.	756.1	31.9	1
1200	10	448	37.1089	88.8317	-684.2	QL	6.25	0.41	1.08	0.0	0.0	5.772	1298.	35.	10.	755.0	31.8	1
1201	0	448	37.1089	88.8323	-687.0	QL	6.09	2.33	1.00	0.382	2.330	6.107	1372.	45.	6.	755.5	31.9	1
1202	0	488	37.1089	88.8330	-690.5	QL	5.40	3.39	1.12	0.628	3.017	4.803	1527.	33.	5.	755.5	31.8	1
1203	0	488	37.1089	88.8337	-688.0	QL	7.12	4.61	0.90	0.648	5.123	7.908	1555.	32.	0.	755.5	31.5	1
1204	0	492	37.1089	88.8344	-689.7	QL	7.11	2.79	1.29	0.393	2.162	5.503	1556.	45.	0.	756.6	31.6	1
1205	0	492	37.1088	88.8351	-695.7	QL	6.39	4.81	0.88	0.752	5.456	7.257	1483.	43.	0.	755.5	31.6	1
1206	10	496	37.1088	88.8358	-695.5	QL	6.77	1.47	1.09	0.0	0.0	6.236	1484.	41.	5.	755.5	31.6	1
1207	0	496	37.1088	88.8365	-695.2	QL	5.01	3.04	0.89	0.607	3.414	5.622	1376.	44.	4.	757.6	31.6	1
1208	0	496	37.1088	88.8371	-697.5	QL	6.70	2.09	0.95	0.312	2.206	7.063	1412.	45.	5.	756.6	31.5	1
1209	0	484	37.1088	88.8378	-700.7	QL	6.86	1.99	0.90	0.291	2.226	7.654	1452.	30.	7.	756.6	31.5	1
1210	0	472	37.1088	88.8385	-698.2	QL	6.18	2.21	0.78	0.357	2.828	7.918	1353.	30.	8.	757.6	31.4	1
1211	0	472	37.1087	88.8392	-696.5	QL	4.43	2.97	0.68	0.669	4.368	6.528	1412.	44.	9.	757.6	31.3	1
1212	0	472	37.1087	88.8399	-700.0	QL	5.60	1.57	1.05	0.280	1.490	5.322	1431.	42.	8.	757.6	31.4	1
1213	0	460	37.1087	88.8406	-704.7	QL	6.96	1.90	0.85	0.273	2.236	8.196	1421.	35.	6.	758.7	31.6	1
1214	0	460	37.1087	88.8412	-707.0	QL	6.20	1.84	0.64	0.297	2.869	9.668	1346.	47.	8.	757.6	31.6	1
1215	0	472	37.1087	88.8419	-702.7	QL	5.53	3.00	0.94	0.543	3.181	5.862	1428.	33.	6.	757.6	31.6	1
1216	10	468	37.1087	88.8425	-697.2	QL	7.16	1.38	0.90	0.0	0.0	7.987	1350.	46.	10.	757.6	31.6	1
1217	10	472	37.1087	88.8432	-704.2	QL	6.98	1.49	0.99	0.0	0.0	7.080	1426.	41.	9.	756.6	31.5	1
1218	0	468	37.1087	88.8440	-708.5	QL	5.22	2.40	0.99	0.460	2.423	5.266	1462.	43.	8.	755.5	31.6	1
1219	0	464	37.1087	88.8446	-703.0	QL	5.53	3.71	0.78	0.671	4.749	7.077	1477.	45.	7.	756.6	31.7	1

CP9 1P12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1220	0	460	37.1087	88.8453	-704.5	QL	8.88	2.13	0.88	0.240	2.414	10.062	1469.	40.	5.	756.6	31.6	1
1221	0	464	37.1086	88.8460	-707.7	QL	5.37	2.83	1.09	0.526	2.590	4.925	1557.	44.	4.	757.6	31.6	1
1222	0	476	37.1086	88.8467	-706.0	QL	8.80	3.70	1.15	0.420	3.213	7.648	1515.	32.	3.	758.7	31.6	1
1223	0	484	37.1086	88.8474	-709.7	QL	7.86	2.65	1.00	0.337	2.649	7.858	1545.	37.	4.	758.1	31.6	1
1224	0	488	37.1086	88.8481	-717.0	QL	7.60	3.62	0.74	0.476	4.875	10.241	1498.	40.	1.	757.1	31.6	1
1225	0	496	37.1086	88.8487	-718.5	QL	6.95	3.05	1.25	0.438	2.438	5.562	1500.	41.	5.	755.5	31.7	1
1226	0	500	37.1086	88.8494	-717.0	QL	7.18	3.06	1.13	0.426	2.699	6.335	1448.	44.	0.	754.5	31.7	1
1227	0	508	37.1086	88.8501	-719.5	QL	6.93	3.53	1.07	0.509	3.295	6.468	1461.	43.	1.	754.5	31.6	1
1228	0	508	37.1086	88.8508	-718.7	QL	5.40	3.76	1.19	0.695	3.165	4.551	1571.	48.	3.	755.0	31.6	1
1229	10	508	37.1086	88.8515	-718.0	QL	8.04	1.25	1.22	0.0	0.0	6.580	1539.	48.	9.	756.1	31.8	1
1230	0	496	37.1086	88.8522	-725.0	QL	8.10	2.60	0.98	0.321	2.646	8.249	1523.	46.	10.	757.6	31.6	1
1231	0	488	37.1086	88.8529	-727.5	QL	6.21	2.69	1.43	0.432	1.874	4.333	1586.	40.	8.	757.6	31.5	1
1232	0	480	37.1085	88.8535	-724.0	QL	9.84	2.76	1.08	0.280	2.562	9.139	1643.	33.	6.	755.5	31.5	1
1233	0	472	37.1085	88.8542	-728.5	QL	9.17	4.09	1.12	0.447	3.665	8.208	1735.	32.	5.	754.5	31.5	1
1234	0	464	37.1085	88.8549	-728.2	QL	7.16	3.75	0.97	0.524	3.859	7.372	1610.	46.	7.	755.5	31.6	1
1235	10	460	37.1085	88.8556	-723.7	QL	6.46	1.50	1.44	0.0	0.0	4.498	1631.	40.	9.	755.5	31.8	1
1236	0	456	37.1085	88.8562	-729.2	QL	7.84	2.02	1.19	0.258	1.695	6.569	1619.	46.	5.	756.6	32.0	1
1237	0	452	37.1085	88.8570	-732.5	QL	8.97	3.99	1.01	0.445	3.931	8.843	1705.	29.	5.	757.6	31.8	1
1238	10	444	37.1085	88.8577	-729.0	QL	8.25	1.53	1.31	0.0	0.0	6.304	1751.	36.	9.	757.6	31.5	1
1239	0	444	37.1085	88.8583	-729.5	QL	8.14	2.13	1.38	0.262	1.545	5.904	1657.	50.	5.	757.6	31.5	1
1240	0	436	37.1085	88.8590	-732.2	QL	7.47	1.76	1.26	0.236	1.394	5.917	1725.	39.	8.	759.2	31.5	1
1241	0	432	37.1085	88.8597	-733.7	QL	8.03	2.82	1.35	0.351	2.099	5.970	1669.	48.	5.	758.1	31.4	1
1242	0	432	37.1085	88.8604	-734.5	QL	8.60	3.33	1.21	0.388	2.759	7.118	1689.	42.	2.	757.1	31.5	1
1243	0	440	37.1084	88.8611	-734.0	QL	9.47	2.44	1.46	0.258	1.678	6.506	1733.	42.	5.	757.6	31.6	1
1244	0	444	37.1084	88.8618	-740.0	QL	7.23	2.45	0.84	0.339	2.914	8.583	1648.	37.	8.	756.6	31.6	1
1245	0	452	37.1084	88.8624	-740.0	QL	8.16	3.43	1.26	0.421	2.733	6.496	1709.	39.	3.	756.1	31.7	1
1246	0	456	37.1084	88.8631	-733.5	QL	8.27	2.69	1.41	0.326	1.908	5.859	1661.	40.	2.	757.1	31.8	1
1247	0	460	37.1084	88.8638	-737.0	QL	9.33	5.03	0.78	0.539	6.427	11.924	1781.	32.	2.	756.1	31.8	1
1248	10	468	37.1084	88.8645	-739.7	QL	7.87	1.35	1.27	0.0	0.0	6.202	1701.	37.	6.	755.0	31.8	1
1249	0	472	37.1084	88.8652	-743.7	QL	6.91	2.48	1.40	0.359	1.771	4.929	1592.	41.	5.	755.5	31.9	1
1250	0	472	37.1084	88.8659	-748.2	QL	7.88	1.85	1.38	0.235	1.339	5.699	1602.	47.	5.	755.5	31.9	1
1251	0	464	37.1084	88.8666	-748.0	QL	6.17	2.48	1.29	0.402	1.918	4.772	1530.	42.	6.	755.5	31.9	1
1252	0	440	37.1084	88.8672	-745.2	QL	7.39	2.38	0.89	0.322	2.664	8.267	1458.	34.	4.	754.5	32.0	1
1253	0	488	37.1083	88.8679	-745.5	QL	6.46	3.36	1.06	0.521	3.178	6.101	1546.	47.	8.	754.5	32.0	1
1254	10	512	37.1083	88.8685	-748.2	QL	12.01	0.94	0.99	0.0	0.0	12.174	1642.	36.	7.	756.1	32.0	1
1255	10	512	37.1083	88.8693	-752.2	QL	6.87	1.28	1.33	0.0	0.0	5.157	1682.	38.	10.	755.5	31.9	1
1256	0	508	37.1083	88.8699	-752.0	QL	6.80	3.23	0.97	0.475	3.346	7.049	1687.	43.	9.	755.5	31.8	1
1257	0	500	37.1083	88.8706	-755.2	QL	5.56	4.73	0.97	0.850	4.886	5.747	1607.	40.	9.	756.6	31.7	1
1258	0	496	37.1083	88.8713	-756.2	QL	6.88	3.06	0.99	0.445	3.102	6.975	1559.	42.	8.	756.6	31.7	1
1259	10	488	37.1082	88.8720	-754.5	QL	7.70	1.37	1.15	0.0	0.0	6.716	1602.	53.	11.	756.6	31.6	1
1260	0	488	37.1082	88.8727	-760.0	QL	8.56	1.97	1.32	0.230	1.488	6.461	1645.	41.	7.	756.6	31.6	1
1261	10	480	37.1082	88.8735	-760.5	QL	9.06	1.12	1.17	0.0	0.0	7.722	1636.	25.	11.	755.5	31.5	1
1262	0	472	37.1082	88.8742	-758.0	QL	7.15	3.01	1.08	0.421	2.776	6.592	1590.	37.	5.	754.5	31.5	1
1263	0	468	37.1082	88.8749	-763.0	QL	8.35	1.63	1.16	0.195	1.405	7.215	1630.	30.	7.	754.5	31.5	1
1264	0	472	37.1083	88.8756	-761.5	QL	8.21	2.52	0.97	0.306	2.599	8.487	1480.	62.	2.	754.5	31.5	1
1265	0	472	37.1083	88.8763	-761.7	QL	7.86	2.45	1.23	0.311	1.983	6.369	1595.	42.	4.	754.5	31.5	1
1266	10	476	37.1083	88.8770	-767.2	QL	9.06	1.64	1.10	0.0	0.0	8.239	1506.	43.	4.	754.5	31.6	1
1267	10	480	37.1083	88.8777	-768.7	QL	6.79	1.08	1.45	0.0	0.0	4.684	1625.	34.	8.	756.6	31.5	1
1268	0	484	37.1083	88.8784	-766.2	QL	8.31	2.40	1.40	0.289	1.719	5.945	1510.	54.	0.	757.6	31.5	1
1269	0	480	37.1083	88.8792	-767.2	QL	9.54	2.88	0.97	0.301	2.981	9.887	1588.	41.	4.	757.6	31.5	1
1270	0	484	37.1082	88.8799	-767.5	QL	5.53	2.57	1.35	0.464	1.896	4.085	1557.	51.	6.	757.6	31.5	1
1271	0	460	37.1082	88.8806	-769.0	QL	8.33	3.24	1.05	0.389	3.082	7.925	1622.	47.	7.	757.6	31.5	1
1272	10	468	37.1082	88.8813	-772.5	QL	8.66	0.80	1.24	0.0	0.0	6.976	1630.	44.	9.	756.6	31.5	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1273	0	476	37.1082	88.8820	-778.5	QL	7.82	4.50	1.08	0.576	4.178	7.255	1649.	34.	9.	755.5	31.5	1
1274	0	476	37.1082	88.8827	-781.2	QL	7.50	4.94	1.10	0.658	4.510	6.850	1706.	31.	6.	755.5	31.5	1
1275	0	468	37.1082	88.8835	-773.7	QL	10.05	2.11	1.09	0.210	1.948	9.257	1665.	41.	6.	755.5	31.6	1
1276	0	472	37.1082	88.8842	-773.7	QL	7.04	2.07	1.26	0.295	1.641	5.569	1641.	47.	7.	755.5	31.6	1
1277	0	476	37.1082	88.8849	-784.0	QL	6.25	1.98	1.39	0.317	1.429	4.504	1599.	43.	5.	755.5	31.6	1
1278	0	448	37.1082	88.8856	-782.2	QAL	6.12	3.61	0.78	0.590	4.656	7.897	1517.	37.	3.	755.5	31.7	1
1279	0	472	37.1082	88.8862	-781.7	QAL	4.21	3.11	1.20	0.738	2.597	3.519	1480.	48.	0.	756.6	31.7	1
1280	0	512	37.1082	88.8870	-787.7	QAL	6.22	4.99	0.99	0.802	5.027	6.265	1649.	31.	2.	757.6	31.8	1
1281	0	512	37.1082	88.8877	-786.2	QAL	5.34	3.38	1.51	0.634	2.243	3.538	1652.	34.	1.	755.5	31.8	1
1282	0	504	37.1082	88.8884	-786.5	QL	8.21	3.91	1.49	0.477	2.628	5.513	1700.	44.	0.	755.5	31.8	1
1283	0	500	37.1082	88.8891	-789.2	QL	8.65	2.16	1.09	0.250	1.977	7.918	1680.	24.	3.	756.6	31.8	1
1284	0	492	37.1082	88.8898	-786.2	QL	9.31	1.81	1.24	0.194	1.462	7.522	1664.	37.	6.	755.5	31.8	1
1285	0	488	37.1082	88.8905	-791.2	QL	7.93	3.35	1.21	0.422	2.759	6.540	1742.	34.	6.	755.5	31.8	1
1286	10	480	37.1082	88.8913	-796.5	QL	7.90	1.25	1.13	0.0	0.0	7.000	1566.	39.	7.	756.6	31.9	1
1287	10	456	37.1082	88.8920	-791.2	QL	5.93	1.14	1.19	0.0	0.0	5.003	1512.	42.	10.	756.6	31.9	1
1288	0	464	37.1082	88.8927	-794.0	QL	5.66	2.26	0.97	0.399	2.320	5.813	1567.	38.	13.	754.5	31.8	1
1289	0	496	37.1082	88.8934	-797.5	QL	7.56	3.78	0.98	0.501	3.863	7.714	1587.	44.	10.	753.5	31.8	1
1290	10	492	37.1082	88.8942	-796.7	QL	7.67	1.82	1.15	0.0	0.0	6.691	1547.	42.	15.	754.5	31.8	1
1291	10	480	37.1082	88.8949	-796.7	QL	6.85	0.85	1.39	0.0	0.0	4.913	1644.	41.	13.	755.5	31.7	1
1292	10	472	37.1082	88.8956	-801.2	QL	8.74	1.19	1.25	0.0	0.0	7.010	1632.	34.	11.	756.6	31.7	1
1293	10	464	37.1082	88.8963	-805.0	QL	10.40	0.97	1.08	0.0	0.0	9.618	1550.	41.	10.	756.6	31.7	1
1294	0	464	37.1082	88.8970	-804.2	QL	8.25	2.88	1.37	0.349	2.098	6.008	1633.	47.	7.	756.6	31.7	1
1295	0	464	37.1082	88.8977	-805.7	QL	8.03	2.61	1.19	0.326	2.190	6.722	1658.	41.	6.	756.6	31.7	1
1296	0	464	37.1082	88.8984	-807.0	QL	8.22	3.57	1.21	0.434	2.937	6.764	1636.	32.	5.	755.5	31.7	1
1297	0	468	37.1082	88.8991	-806.7	QL	7.66	3.17	1.00	0.414	3.187	7.689	1511.	50.	3.	755.0	31.8	1
1298	0	472	37.1082	88.8999	-807.2	QL	8.69	2.51	1.02	0.289	2.453	8.503	1533.	55.	3.	755.0	31.8	1
1299	0	480	37.1082	88.9006	-810.0	QAL	6.84	3.25	1.02	0.476	3.194	6.715	1578.	34.	0.	755.0	31.8	1
1300	0	492	37.1082	88.9012	-810.2	QAL	6.14	2.33	1.14	0.380	2.041	5.369	1523.	47.	2.	756.1	31.8	1
1301	0	496	37.1082	88.9020	-810.7	QAL	6.77	2.61	1.31	0.386	1.992	5.166	1637.	41.	2.	757.6	31.8	1
1302	0	496	37.1082	88.9027	-811.7	QAL	8.84	3.01	1.08	0.340	2.784	8.183	1650.	38.	1.	757.6	31.8	1
1303	0	488	37.1082	88.9034	-817.0	QL	7.91	2.57	0.96	0.325	2.670	8.225	1637.	30.	2.	757.6	31.8	1
1304	0	488	37.1082	88.9041	-819.2	QL	8.47	2.63	1.32	0.310	1.987	6.410	1675.	42.	0.	756.6	31.8	1
1305	0	488	37.1082	88.9048	-821.0	QL	6.45	5.33	1.24	0.825	4.303	5.213	1672.	47.	3.	755.5	31.8	1
1306	10	484	37.1082	88.9055	-824.7	QL	6.70	1.28	1.10	0.0	0.0	6.071	1569.	32.	7.	754.5	31.8	1
1307	0	468	37.1082	88.9062	-826.2	QL	6.60	2.94	1.11	0.445	2.648	5.949	1540.	48.	5.	754.5	31.7	1
1308	0	500	37.1082	88.9070	-820.2	QL	9.07	3.00	1.07	0.331	2.799	8.450	1583.	34.	3.	754.5	31.7	1
1309	10	516	37.1082	88.9077	-824.0	QL	6.52	1.02	1.39	0.0	0.0	4.681	1530.	39.	6.	755.5	31.8	1
1310	0	512	37.1082	88.9084	-832.2	QL	7.75	1.86	1.21	0.241	1.545	6.418	1457.	48.	2.	756.1	31.8	1
1311	0	512	37.1082	88.9091	-835.7	QL	5.82	3.93	1.09	0.676	3.604	5.332	1636.	35.	5.	756.1	31.8	1
1312	0	500	37.1081	88.9099	-833.2	QL	7.46	4.28	1.12	0.574	3.821	6.657	1576.	50.	1.	756.1	31.8	1
1313	0	504	37.1081	88.9106	-836.2	QL	7.18	1.71	1.57	0.239	1.094	4.580	1618.	44.	3.	755.5	31.8	1
1314	0	504	37.1081	88.9113	-837.2	QL	4.44	4.71	1.20	1.060	3.933	3.711	1648.	47.	2.	754.5	31.8	1
1315	0	500	37.1081	88.9120	-833.7	QL	7.02	4.23	1.16	0.604	3.645	6.039	1688.	48.	0.	754.0	31.8	1
1316	0	496	37.1081	88.9127	-835.5	QL	6.72	4.34	1.12	0.646	3.887	6.016	1674.	48.	0.	753.0	31.7	1
1317	0	500	37.1081	88.9134	-842.2	QL	7.26	4.52	1.11	0.622	4.055	6.515	1528.	53.	0.	754.0	31.7	1
1318	0	500	37.1081	88.9141	-840.2	QL	10.16	2.00	1.13	0.197	1.772	8.999	1694.	44.	3.	756.6	31.7	1
1319	0	468	37.1081	88.9149	-839.7	QL	6.66	2.64	1.09	0.396	2.416	6.096	1524.	38.	3.	757.1	31.6	1
1320	0	456	37.1081	88.9156	-843.7	QL	8.39	2.29	1.02	0.273	2.251	8.245	1565.	47.	5.	756.1	31.7	1
1321	0	476	37.1081	88.9162	-844.5	QL	9.04	2.19	1.05	0.243	2.091	8.619	1604.	45.	8.	755.0	31.7	1
1322	0	496	37.1081	88.9170	-848.0	QL	8.46	1.97	1.25	0.233	1.576	6.756	1691.	52.	9.	754.0	31.7	1
1323	0	496	37.1081	88.9177	-850.2	QL	9.98	2.67	0.95	0.268	2.801	10.468	1643.	33.	8.	754.0	31.7	1
1324	0	500	37.1081	88.9184	-846.0	QL	7.98	2.36	1.13	0.296	2.090	7.069	1633.	32.	7.	755.5	31.7	1
1325	0	500	37.1081	88.9191	-847.0	QL	7.48	4.10	0.94	0.548	4.339	7.919	1704.	39.	7.	756.1	31.7	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1326	0	500	37.1081	88.9198	-855.0	QL	6.55	3.27	1.33	0.500	2.464	4.927	1656.	45.	6.	755.5	31.8	1
1327	0	492	37.1081	88.9205	-857.0	QL	5.74	2.78	1.43	0.484	1.938	4.007	1709.	40.	8.	755.5	31.8	1
1328	0	492	37.1081	88.9212	-850.0	QL	6.90	4.31	1.07	0.625	4.031	6.446	1666.	31.	5.	755.5	31.8	1
1329	0	488	37.1081	88.9219	-848.5	QL	9.55	1.82	1.28	0.191	1.424	7.454	1806.	33.	9.	755.0	31.9	1
1330	10	488	37.1080	88.9227	-856.5	QL	7.93	1.33	1.53	0.0	0.0	5.193	1627.	38.	7.	755.0	31.9	1
1331	0	492	37.1080	88.9234	-862.0	QL	7.96	2.56	1.39	0.322	1.839	5.706	1683.	42.	7.	754.5	31.9	1
1332	10	492	37.1080	88.9241	-864.5	QL	8.31	1.63	1.54	0.0	0.0	5.388	1635.	51.	5.	754.0	32.0	1
1333	10	488	37.1080	88.9248	-869.5	QL	8.59	0.93	1.20	0.0	0.0	7.146	1731.	26.	5.	755.0	31.9	1
1334	0	488	37.1080	88.9255	-870.2	QL	10.35	2.25	1.54	0.218	1.461	6.717	1763.	32.	6.	756.1	31.8	1
1335	0	484	37.1080	88.9262	-871.5	QL	8.16	3.88	1.04	0.475	3.716	7.818	1668.	44.	6.	756.1	31.8	1
1336	0	484	37.1080	88.9269	-874.2	QL	6.12	3.71	1.28	0.606	2.900	4.787	1707.	38.	2.	755.5	31.7	1
1337	0	480	37.1080	88.9277	-877.2	QL	7.34	3.12	1.07	0.425	2.918	6.865	1641.	42.	6.	755.5	31.7	1
1338	0	480	37.1080	88.9284	-880.2	QL	8.15	3.82	0.99	0.469	3.859	8.229	1642.	38.	1.	754.5	31.6	1
1339	0	480	37.1080	88.9291	-875.7	QL	8.29	4.05	1.19	0.488	3.400	6.963	1694.	32.	6.	754.5	31.6	1
1340	0	480	37.1080	88.9299	-873.2	QL	7.75	4.26	0.97	0.550	4.382	7.970	1625.	41.	0.	754.5	31.6	1
1341	0	476	37.1081	88.9306	-879.5	QL	8.83	3.10	1.30	0.351	2.384	6.794	1736.	38.	2.	755.0	31.6	1
1342	0	476	37.1081	88.9312	-878.0	QL	6.11	2.26	1.29	0.370	1.755	4.747	1688.	32.	2.	756.1	31.7	1
1343	0	476	37.1081	88.9319	-877.0	QL	7.57	3.08	1.21	0.407	2.543	6.242	1686.	31.	4.	757.1	31.7	1
1344	0	480	37.1081	88.9326	-883.0	QL	7.68	1.90	1.36	0.247	1.393	5.633	1687.	47.	4.	757.1	31.7	1
1345	0	488	37.1081	88.9333	-884.2	QL	7.06	3.08	1.35	0.436	2.274	5.214	1709.	39.	4.	756.1	31.6	1
1346	0	480	37.1081	88.9341	-887.0	QL	6.12	2.88	1.36	0.470	2.112	4.490	1654.	35.	8.	754.5	31.7	1
1347	0	476	37.1081	88.9348	-888.0	QL	8.18	5.20	1.14	0.636	4.559	7.166	1601.	41.	3.	754.5	31.6	1
1348	0	472	37.1080	88.9355	-886.2	QL	8.21	2.17	1.41	0.264	1.538	5.828	1652.	49.	6.	754.5	31.7	1
1349	0	472	37.1080	88.9362	-891.0	QL	9.25	1.73	1.26	0.187	1.375	7.359	1620.	31.	6.	755.5	31.6	1
1350	0	468	37.1080	88.9369	-891.2	QL	8.92	4.70	1.11	0.527	4.249	8.061	1746.	32.	5.	757.6	31.6	1
1351	0	460	37.1080	88.9377	-893.2	QL	8.95	2.43	1.28	0.272	1.895	6.971	1705.	36.	5.	757.6	31.5	1
1352	0	460	37.1080	88.9384	-896.7	QL	8.85	2.54	1.11	0.287	2.280	7.941	1611.	26.	6.	755.5	31.5	1
1353	0	464	37.1080	88.9391	-893.2	QL	9.09	1.89	1.11	0.207	1.695	8.169	1630.	44.	6.	755.5	31.5	1
1354	10	468	37.1080	88.9398	-894.0	QL	10.29	1.44	1.37	0.0	0.0	7.488	1708.	40.	6.	755.5	31.6	1
1355	0	468	37.1080	88.9405	-898.7	QL	9.35	2.51	1.02	0.269	2.466	9.176	1686.	45.	7.	755.5	31.6	1
1356	0	472	37.1080	88.9412	-897.2	QL	7.51	2.58	1.17	0.344	2.198	6.392	1620.	47.	6.	757.6	31.6	1
1357	10	472	37.1080	88.9419	-898.2	QL	8.68	1.22	1.37	0.0	0.0	6.319	1722.	40.	9.	757.6	31.5	1
1358	0	476	37.1080	88.9426	-900.2	QL	7.91	3.40	1.37	0.430	2.492	5.795	1674.	54.	4.	755.5	31.5	1
1359	0	480	37.1080	88.9434	-898.2	QL	7.36	2.45	1.43	0.333	1.711	5.133	1697.	58.	2.	755.0	31.5	1
1360	0	480	37.1080	88.9441	-900.2	QL	8.02	2.59	1.14	0.323	2.262	7.010	1678.	42.	6.	754.5	31.6	1
1361	0	476	37.1080	88.9448	-904.5	QL	8.41	1.65	1.31	0.196	1.259	6.428	1745.	48.	3.	754.5	31.6	1
1362	0	476	37.1080	88.9455	-905.0	QL	6.87	3.54	1.49	0.515	2.378	4.614	1672.	41.	4.	756.1	31.6	1
1363	0	480	37.1080	88.9462	-904.7	QL	8.32	3.44	1.34	0.413	2.572	6.230	1615.	41.	7.	757.1	31.7	1
1364	0	484	37.1080	88.9469	-907.2	QL	8.83	1.82	1.02	0.207	1.793	8.673	1662.	43.	7.	756.6	31.7	1
1365	0	488	37.1080	88.9476	-908.2	QL	8.14	2.07	1.40	0.255	1.484	5.830	1668.	40.	6.	757.1	31.7	1
1366	0	492	37.1079	88.9483	-908.7	QL	7.68	2.55	1.33	0.332	1.920	5.790	1630.	37.	5.	756.1	31.7	1
1367	0	496	37.1079	88.9490	-913.0	QL	8.51	1.86	1.57	0.218	1.180	5.409	1690.	34.	10.	754.5	31.6	1
1368	10	492	37.1079	88.9497	-915.2	QL	7.86	1.36	1.36	0.0	0.0	5.789	1732.	32.	12.	755.0	31.6	1
1369	0	488	37.1079	88.9504	-913.5	QL	8.40	3.47	1.12	0.413	3.100	7.507	1633.	39.	7.	754.5	31.6	1
1370	0	492	37.1079	88.9512	-914.5	QL	6.77	3.48	0.85	0.515	4.096	7.958	1614.	34.	10.	754.5	31.6	1
1371	10	496	37.1079	88.9519	-920.2	QL	9.49	1.30	1.22	0.0	0.0	7.800	1623.	43.	9.	757.1	31.6	1
1372	0	500	37.1079	88.9526	-920.0	QL	8.01	2.61	0.87	0.326	3.013	9.229	1605.	33.	8.	757.1	31.6	1
1373	0	500	37.1079	88.9534	-917.0	QL	8.09	3.93	1.20	0.486	3.267	6.715	1663.	46.	4.	756.1	31.6	1
1374	0	496	37.1079	88.9540	-918.0	QL	6.00	2.16	1.15	0.360	1.875	5.203	1621.	51.	6.	756.1	31.6	1
1375	10	496	37.1079	88.9548	-917.0	QL	6.52	1.04	1.14	0.0	0.0	5.710	1524.	54.	4.	755.0	31.5	1
1376	0	496	37.1079	88.9555	-920.5	QL	8.43	3.97	1.31	0.472	3.034	6.435	1666.	32.	0.	755.0	31.6	1
1377	0	500	37.1079	88.9562	-925.2	QL	8.51	2.05	1.31	0.241	1.562	6.493	1715.	44.	5.	757.1	31.5	1
1378	0	500	37.1079	88.9569	-921.7	QL	8.83	1.94	1.31	0.220	1.479	6.723	1590.	37.	0.	757.1	31.5	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1379	0	496	37.1079	88.9577	-922.7	QL	9.29	2.24	1.06	0.241	2.117	8.776	1632.	41.	5.	757.1	31.6	1
1380	0	488	37.1079	88.9584	-926.0	QL	7.26	2.28	1.18	0.314	1.925	6.140	1606.	34.	7.	757.6	31.6	1
1381	10	480	37.1079	88.9591	-922.7	QL	7.10	1.05	1.54	0.0	0.0	4.618	1695.	42.	9.	756.6	31.7	1
1382	0	472	37.1079	88.9598	-923.0	QL	7.75	1.73	1.16	0.223	1.486	6.668	1576.	42.	10.	755.5	31.7	1
1383	10	464	37.1079	88.9604	-926.0	QL	10.07	1.26	1.21	0.0	0.0	8.341	1706.	35.	8.	756.1	31.7	1
1384	10	452	37.1079	88.9612	-926.0	QL	5.65	0.98	1.56	0.0	0.0	3.621	1574.	42.	14.	757.1	31.8	1
1385	0	448	37.1079	88.9619	-926.0	QL	7.79	4.18	1.10	0.537	3.791	7.064	1701.	34.	11.	758.1	32.0	1
1386	0	448	37.1079	88.9626	-927.0	QL	6.23	3.81	1.42	0.612	2.681	4.383	1739.	31.	12.	759.2	31.9	1
1387	0	448	37.1079	88.9633	-928.2	QL	9.35	3.05	1.36	0.326	2.235	6.850	1656.	38.	9.	758.1	31.9	1
1388	10	444	37.1079	88.9642	-930.5	QL	8.62	1.33	1.61	0.0	0.0	5.365	1661.	45.	12.	757.6	31.9	1
1389	0	444	37.1079	88.9649	-931.2	QL	8.07	2.47	1.08	0.306	2.296	7.501	1608.	52.	9.	757.6	31.9	1
1390	0	440	37.1079	88.9656	-930.7	QL	8.74	2.06	1.19	0.236	1.735	7.352	1681.	39.	9.	756.6	31.9	1
1391	0	436	37.1079	88.9663	-932.5	QL	6.26	2.90	1.43	0.464	2.025	4.368	1660.	48.	8.	756.6	32.0	1
1392	10	428	37.1079	88.9671	-935.0	QL	7.14	0.96	1.15	0.0	0.0	6.215	1629.	48.	6.	756.6	32.0	1
1393	0	424	37.1079	88.9678	-935.2	QL	10.37	3.41	1.37	0.329	2.497	7.582	1803.	40.	5.	758.7	32.0	1
1394	0	428	37.1079	88.9685	-933.5	QL	6.60	2.43	1.29	0.368	1.878	5.107	1703.	35.	7.	759.7	32.0	1
1395	0	432	37.1079	88.9692	-934.0	QL	9.51	4.05	1.40	0.426	2.895	6.803	1859.	18.	5.	758.7	32.0	1
1396	0	432	37.1079	88.9700	-933.5	QL	8.58	5.36	1.08	0.625	4.985	7.979	1832.	36.	1.	758.7	32.0	1
1397	0	432	37.1079	88.9708	-934.5	QL	8.75	2.59	1.45	0.296	1.789	6.037	1827.	43.	3.	758.7	32.0	1
1398	0	428	37.1079	88.9715	-936.7	QL	7.63	4.88	1.06	0.640	4.600	7.188	1712.	41.	3.	758.7	32.0	1
1399	0	428	37.1079	88.9722	-938.7	QL	7.96	2.93	1.29	0.368	2.274	6.172	1767.	33.	5.	757.6	32.0	1
1400	0	428	37.1079	88.9730	-937.5	QL	7.08	3.57	1.00	0.505	3.578	7.088	1617.	46.	7.	757.6	32.0	1
1401	0	436	37.1079	88.9737	-937.7	QL	9.67	1.74	1.21	0.180	1.433	7.963	1658.	38.	8.	757.6	32.0	1
1402	0	444	37.1079	88.9744	-938.7	QL	7.72	1.93	1.12	0.250	1.722	6.900	1652.	43.	10.	757.6	32.0	1
1403	10	448	37.1079	88.9752	-937.0	QL	10.18	0.63	1.09	0.0	0.0	9.330	1677.	30.	8.	757.6	32.0	1
1404	0	452	37.1079	88.9759	-935.7	QL	5.72	3.16	1.29	0.553	2.461	4.452	1713.	30.	6.	758.7	32.0	1
1405	0	444	37.1079	88.9766	-941.0	QL	8.26	3.72	0.98	0.451	3.809	8.454	1724.	35.	3.	758.7	31.9	1
1406	0	444	37.1079	88.9773	-942.5	QL	7.31	3.12	1.29	0.427	2.419	5.670	1766.	44.	7.	758.7	32.0	1
1407	0	432	37.1079	88.9780	-940.0	QL	6.28	4.30	1.51	0.686	2.856	4.164	1810.	47.	3.	758.7	32.0	1
1408	0	428	37.1079	88.9789	-942.5	QL	9.52	3.51	1.40	0.369	2.502	6.775	1702.	56.	1.	757.6	32.0	1
1409	0	436	37.1079	88.9796	-944.7	QL	8.88	2.73	1.36	0.307	2.005	6.524	1644.	41.	0.	757.6	32.0	1
1410	0	444	37.1079	88.9803	-940.5	QL	7.33	2.29	1.31	0.313	1.756	5.615	1765.	37.	1.	757.6	32.0	1
1411	0	448	37.1079	88.9810	-943.0	QL	8.55	3.68	0.85	0.430	4.331	10.072	1688.	39.	0.	757.6	32.0	1
1412	0	452	37.1079	88.9818	-943.2	QL	6.61	3.03	1.31	0.458	2.311	5.049	1596.	43.	4.	758.7	32.0	1
1413	0	456	37.1079	88.9825	-941.2	QL	7.27	3.34	1.46	0.459	2.290	4.984	1777.	38.	3.	758.7	32.0	1
1414	0	456	37.1079	88.9832	-942.2	QL	8.22	2.87	1.03	0.349	2.796	8.005	1666.	42.	4.	758.1	32.0	1
1415	0	404	37.1079	88.9839	-944.2	QL	5.48	3.52	1.32	0.642	2.660	4.140	1513.	46.	4.	758.1	32.0	1
1416	10	408	37.1079	88.9847	-943.7	QL	9.09	1.40	0.99	0.0	0.0	9.135	1488.	51.	7.	757.6	32.0	1
1417	0	416	37.1079	88.9854	-944.7	QL	7.81	1.56	1.01	0.199	1.535	7.709	1570.	35.	5.	757.6	32.0	1
1418	10	448	37.1079	88.9862	-945.2	QL	7.89	1.07	1.46	0.0	0.0	5.412	1638.	42.	7.	758.7	32.0	1
1419	0	444	37.1079	88.9869	-945.5	QL	7.31	1.65	1.52	0.226	1.087	4.805	1712.	50.	8.	758.7	32.0	1
1420	0	444	37.1079	88.9877	-942.2	QL	7.44	2.54	1.36	0.341	1.865	5.471	1739.	44.	8.	759.7	32.0	1
1421	0	452	37.1079	88.9884	-944.5	QL	7.17	2.39	1.45	0.334	1.647	4.938	1755.	39.	5.	759.7	32.1	1
1422	0	464	37.1079	88.9891	-949.0	QL	8.28	3.49	1.32	0.421	2.639	6.263	1809.	42.	7.	758.7	32.1	1
1423	10	468	37.1079	88.9898	-947.7	QL	8.02	1.62	1.67	0.0	0.0	4.792	1750.	42.	11.	757.6	32.1	1
1424	10	468	37.1079	88.9906	-940.2	QL	7.20	1.24	1.47	0.0	0.0	4.900	1632.	38.	10.	758.7	32.1	1
1425	0	472	37.1079	88.9913	-939.5	QL	8.72	2.00	1.44	0.230	1.393	6.067	1694.	41.	11.	758.7	32.0	1
1426	0	468	37.1079	88.9920	-944.7	QL	7.79	3.88	0.95	0.498	4.068	8.171	1698.	33.	7.	756.6	32.0	1
1427	0	468	37.1079	88.9927	-946.5	QL	6.19	2.38	1.08	0.384	2.209	5.756	1514.	46.	7.	756.6	31.9	1
1428	0	440	37.1079	88.9935	-943.7	QAL	7.41	2.47	1.07	0.333	2.311	6.947	1520.	42.	7.	757.6	31.9	1
1429	0	452	37.1079	88.9943	-944.7	QAL	7.91	3.68	0.97	0.465	3.777	8.124	1506.	42.	4.	758.7	31.9	1
1430	0	460	37.1079	88.9950	-945.2	QAL	6.40	1.90	0.87	0.297	2.174	7.317	1438.	42.	8.	758.7	31.9	1
1431	0	488	37.1079	88.9957	-944.2	QAL	6.58	4.48	1.13	0.680	3.946	5.801	1485.	35.	2.	758.7	31.9	1

CP 9 IP 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1432	0	492	37.1079	88.9965	-944.5	QAL	5.32	3.42	1.14	0.643	3.010	4.678	1533.	40.	2.	758.7	31.9	1
1433	0	488	37.1079	88.9972	-945.7	QAL	7.98	2.48	1.20	0.311	2.068	6.652	1519.	34.	3.	758.7	31.9	1
1434	0	488	37.1079	88.9979	-946.7	QAL	7.22	1.96	1.15	0.271	1.705	6.287	1555.	53.	1.	758.7	31.9	1
1435	0	476	37.1079	88.9986	-948.2	QAL	5.25	2.94	0.91	0.560	3.225	5.757	1479.	41.	5.	757.6	31.9	1
1436	0	440	37.1079	88.9994	-949.7	QAL	6.27	2.51	1.01	0.400	2.487	6.219	1406.	39.	1.	757.6	31.9	1
1437	0	480	37.1079	89.0001	-947.2	QAL	8.12	3.28	1.33	0.404	2.471	6.117	1509.	35.	1.	758.7	31.9	1
1438	0	476	37.1079	89.0008	-943.5	QAL	7.85	2.06	1.28	0.262	1.614	6.155	1478.	29.	4.	759.7	32.0	1
1439	0	472	37.1079	89.0015	-941.7	QAL	6.31	2.61	1.10	0.413	2.367	5.727	1547.	29.	6.	759.7	32.0	1
1440	0	468	37.1079	89.0023	-943.5	QAL	5.70	1.77	1.47	0.310	1.199	3.874	1459.	40.	5.	758.7	32.1	1
1441	0	464	37.1079	89.0031	-945.5	QAL	6.28	2.99	0.91	0.476	3.293	6.920	1427.	29.	4.	758.7	32.1	1
1442	0	428	37.1079	89.0038	-945.5	QAL	5.23	1.79	1.14	0.342	1.570	4.591	1328.	37.	6.	759.2	32.1	1
1443	0	396	37.1079	89.0045	-946.5	QAL	5.24	1.68	0.86	0.320	1.955	6.115	1206.	39.	9.	758.1	32.1	1
1444	0	408	37.1079	89.0053	-948.0	QAL	5.73	1.47	0.98	0.256	1.507	5.878	1204.	47.	9.	757.6	32.2	1
1445	10	408	37.1079	89.0060	-946.5	QAL	7.49	0.98	0.98	0.0	0.0	7.614	1249.	31.	8.	758.7	32.2	1
1446	0	428	37.1079	89.0067	-943.5	QAL	7.10	1.84	0.86	0.259	2.125	8.221	1379.	40.	9.	757.6	32.3	1
1447	0	460	37.1079	89.0074	-940.0	QAL	6.56	2.94	1.06	0.448	2.767	6.170	1453.	40.	11.	757.1	32.3	1
1448	0	460	37.1079	89.0082	-940.0	QAL	6.10	2.45	0.93	0.402	2.640	6.575	1531.	49.	10.	759.2	32.3	1
1449	0	460	37.1079	89.0090	-942.5	QAL	7.33	1.73	1.09	0.237	1.593	6.731	1544.	33.	8.	760.2	32.2	1
1450	10	456	37.1079	89.0097	-944.7	QAL	8.26	1.22	1.24	0.0	0.0	6.640	1538.	42.	11.	759.2	32.1	1
1451	0	452	37.1079	89.0104	-945.2	QAL	7.24	2.69	1.09	0.371	2.455	6.621	1587.	39.	9.	758.7	32.1	1
1452	10	456	37.1079	89.0112	-944.5	QAL	7.35	1.47	1.34	0.0	0.0	5.489	1632.	44.	11.	758.7	32.1	1
1453	10	456	37.1079	89.0119	-940.5	QAL	8.01	0.16	1.45	0.0	0.0	5.534	1596.	40.	11.	758.7	32.0	1
1454	0	452	37.1079	89.0126	-940.7	QAL	8.15	2.74	0.92	0.337	2.968	8.812	1529.	44.	9.	759.7	32.0	1
1455	0	452	37.1079	89.0134	-943.5	QAL	6.27	2.14	1.39	0.341	1.540	4.521	1605.	28.	10.	759.2	32.0	1
1456	0	452	37.1079	89.0141	-944.0	QL	6.54	3.64	1.25	0.557	2.917	5.241	1513.	58.	9.	758.7	32.0	1
1457	0	440	37.1079	89.0148	-941.2	QL	6.00	2.44	1.44	0.407	1.693	4.162	1554.	29.	9.	758.7	32.0	1
1458	0	444	37.1079	89.0155	-940.2	QL	6.56	2.27	1.30	0.346	1.748	5.055	1556.	44.	7.	758.7	32.0	1
1459	0	444	37.1079	89.0162	-939.7	QL	5.24	3.51	1.22	0.669	2.866	4.282	1527.	41.	3.	758.7	32.0	1
1460	0	416	37.1079	89.0170	-938.7	QL	6.42	1.84	1.33	0.287	1.381	4.812	1451.	32.	2.	760.2	32.0	1
1461	0	368	37.1079	89.0178	-938.0	QL	5.82	3.13	1.12	0.538	2.789	5.186	1349.	39.	0.	760.2	32.0	1
1462	0	384	37.1079	89.0185	-936.5	QL	6.97	2.93	1.23	0.420	2.381	5.670	1537.	45.	0.	759.2	32.0	1
1463	0	404	37.1079	89.0192	-939.2	QL	6.41	2.67	1.35	0.417	1.979	4.747	1687.	44.	3.	758.1	32.0	1
1464	0	396	37.1079	89.0200	-939.5	QL	5.92	3.45	1.29	0.582	2.680	4.608	1687.	37.	2.	758.7	32.0	1
1465	0	400	37.1079	89.0207	-935.2	QL	6.97	4.32	1.09	0.620	3.953	6.373	1690.	43.	3.	759.7	32.0	1
1466	0	412	37.1079	89.0214	-937.0	QL	8.50	3.53	0.94	0.416	3.778	9.087	1577.	42.	5.	760.7	32.0	1
1467	0	404	37.1079	89.0221	-936.7	QL	7.30	2.36	1.35	0.324	1.746	5.393	1756.	41.	8.	759.7	32.0	1
1468	0	412	37.1079	89.0229	-933.7	QL	8.55	1.71	1.40	0.200	1.227	6.126	1739.	29.	11.	758.7	32.0	1
1469	111	416	37.1079	89.0236	-929.2	QL	9.99	1.59	1.35	0.0	0.0	0.0	1792.	42.	12.	758.7	32.0	1
1470	10	414	37.1079	89.0243	-931.0	QL	8.85	2.09	1.33	0.0	0.0	6.654	1755.	41.	12.	758.7	32.0	1
1471	0	436	37.1079	89.0251	-932.7	QL	7.69	2.80	1.32	0.364	2.126	5.836	1719.	40.	11.	758.7	32.1	1
1472	10	448	37.1079	89.0258	-931.5	QL	9.55	1.63	1.29	0.0	0.0	7.393	1767.	44.	13.	758.7	32.1	1
1473	10	452	37.1079	89.0266	-931.0	QL	10.48	1.24	1.17	0.0	0.0	8.950	1657.	39.	13.	759.7	32.1	1
1474	0	452	37.1079	89.0273	-931.5	QL	7.53	2.02	1.16	0.268	1.735	6.472	1752.	44.	12.	759.7	32.1	1
1475	0	440	37.1079	89.0280	-932.7	QL	8.99	2.35	1.13	0.261	2.081	7.973	1607.	41.	9.	758.7	32.1	1
1476	0	432	37.1079	89.0288	-930.2	QL	7.06	1.77	1.17	0.250	1.508	6.024	1691.	49.	14.	759.2	32.1	1
1477	0	424	37.1079	89.0295	-926.2	QL	5.90	2.94	0.98	0.497	3.011	6.055	1599.	46.	10.	759.2	32.1	1
1478	0	428	37.1079	89.0302	-922.0	QL	8.41	2.44	1.46	0.290	1.669	5.759	1695.	39.	8.	759.2	32.2	1
1479	0	432	37.1079	89.0309	-920.2	QL	8.09	3.16	1.36	0.391	2.324	5.944	1753.	38.	5.	759.2	32.2	1
1480	0	436	37.1079	89.0318	-924.5	QL	9.28	3.59	1.43	0.387	2.513	6.502	1703.	31.	5.	758.7	32.3	1
1481	0	448	37.1079	89.0325	-926.5	QL	8.47	2.20	1.42	0.259	1.547	5.964	1688.	48.	3.	757.6	32.3	1
1482	0	452	37.1079	89.0332	-925.7	QL	10.07	3.41	1.25	0.339	2.725	8.048	1768.	37.	2.	758.1	32.3	1
1483	0	444	37.1079	89.0339	-921.0	QL	8.50	3.02	1.46	0.355	2.076	5.842	1756.	46.	0.	759.2	32.2	1
1484	0	432	37.1079	89.0347	-920.0	QL	7.34	4.37	1.22	0.595	3.592	6.037	1694.	38.	3.	759.2	32.3	1

CP6 1P12
CP6 1P12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1485	0	428	37.1079	89.0354	-924.5	QL	7.50	3.68	1.20	0.491	3.064	6.240	1678.	36.	4.	759.2	32.3	1
1486	0	428	37.1079	89.0361	-922.2	QL	9.33	4.13	1.14	0.443	3.624	8.184	1680.	36.	3.	758.7	32.3	1
1487	0	428	37.1079	89.0368	-918.5	QL	6.88	6.58	1.15	0.956	5.733	5.994	1757.	39.	3.	758.7	32.2	1
1488	0	440	37.1079	89.0376	-918.5	QL	7.63	3.95	1.34	0.518	2.961	5.713	1750.	46.	7.	758.7	32.2	1
1489	0	448	37.1079	89.0383	-919.0	QL	7.78	2.72	1.47	0.350	1.846	5.279	1703.	48.	3.	758.7	32.0	1
1490	0	448	37.1079	89.0390	-918.7	QL	7.85	4.18	1.04	0.532	4.012	7.537	1791.	41.	9.	759.7	32.1	1
1491	0	436	37.1079	89.0397	-917.2	QL	9.53	3.73	1.17	0.392	3.196	8.163	1794.	55.	7.	759.2	32.1	1
1492	0	420	37.1079	89.0405	-917.0	QL	7.10	1.68	1.56	0.236	1.079	4.565	1699.	42.	10.	758.1	32.1	1
1493	0	412	37.1079	89.0413	-914.2	QL	7.77	1.73	1.37	0.222	1.265	5.689	1653.	48.	6.	759.2	32.1	1
1494	0	412	37.1079	89.0420	-909.5	QL	8.98	2.75	1.23	0.306	2.230	7.284	1799.	36.	8.	760.7	32.1	1
1495	10	404	37.1079	89.0427	-908.5	QL	7.91	1.28	1.13	0.0	0.0	7.007	1623.	39.	5.	759.7	32.1	1
1496	0	408	37.1079	89.0435	-911.2	QL	6.93	2.55	1.07	0.368	2.391	6.501	1683.	43.	6.	758.1	32.1	1
1497	0	412	37.1079	89.0442	-912.2	QL	7.85	4.62	1.07	0.589	4.342	7.370	1695.	43.	0.	758.1	32.0	1
1498	0	412	37.1079	89.0449	-910.5	QL	7.80	4.21	1.14	0.541	3.690	6.827	1723.	41.	0.	760.2	32.1	1
1499	0	412	37.1079	89.0456	-907.7	QL	10.11	5.16	0.93	0.510	5.551	10.889	1707.	30.	0.	760.2	32.1	1
1500	0	416	37.1079	89.0464	-907.5	QL	7.95	3.52	1.45	0.443	2.430	5.489	1744.	39.	0.	759.2	32.1	1
1501	0	420	37.1079	89.0472	-904.0	QL	10.11	3.29	1.19	0.326	2.771	8.509	1687.	40.	0.	758.7	32.1	1
1502	0	420	37.1079	89.0479	-904.2	QL	6.99	3.05	1.45	0.436	2.107	4.832	1760.	44.	0.	757.6	32.1	1
1503	0	412	37.1079	89.0486	-908.2	QL	8.03	3.41	1.34	0.425	2.555	6.012	1691.	43.	0.	758.1	32.0	1
1504	0	412	37.1079	89.0493	-907.0	QL	7.11	3.80	1.15	0.534	3.292	6.163	1680.	50.	0.	760.2	32.0	1
1505	0	408	37.1079	89.0500	-906.0	QL	7.92	3.50	1.26	0.442	2.769	6.266	1766.	33.	0.	759.2	32.0	1
1506	0	408	37.1079	89.0508	-906.5	QL	8.91	3.96	1.20	0.444	3.307	7.448	1813.	43.	0.	757.6	32.0	1
1507	0	412	37.1079	89.0515	-900.5	QL	7.37	3.60	1.19	0.489	3.024	6.182	1739.	44.	4.	758.7	31.9	1
1508	0	408	37.1079	89.0523	-900.7	QL	8.76	3.19	1.32	0.364	2.420	6.656	1723.	36.	2.	759.2	32.0	1
1509	0	412	37.1079	89.0530	-901.7	QL	8.88	3.47	1.39	0.391	2.500	6.396	1877.	27.	3.	759.2	32.0	1
1510	0	420	37.1079	89.0537	-897.7	QL	11.10	2.55	1.02	0.230	2.493	10.841	1814.	43.	7.	760.2	32.0	1
1511	10	424	37.1079	89.0544	-899.7	QL	9.21	1.02	1.38	0.0	0.0	6.664	1823.	36.	9.	760.2	32.0	1
1512	0	424	37.1079	89.0552	-899.0	QL	7.95	3.25	1.17	0.409	2.779	6.796	1830.	35.	8.	758.1	32.0	1
1513	0	428	37.1079	89.0560	-895.5	QL	7.56	3.68	1.32	0.487	2.800	5.751	1756.	54.	10.	758.7	31.9	1
1514	0	428	37.1079	89.0567	-898.5	QL	6.46	1.63	1.60	0.253	1.019	4.028	1770.	52.	11.	759.7	31.9	1
1515	0	428	37.1079	89.0574	-898.5	QL	8.47	2.12	1.29	0.251	1.645	6.564	1736.	47.	9.	758.7	31.9	1
1516	10	428	37.1079	89.0581	-893.2	QL	9.61	0.23	1.51	0.0	0.0	6.366	1723.	41.	8.	758.7	32.0	1
1517	0	428	37.1079	89.0589	-891.5	QL	7.13	2.55	1.34	0.358	1.910	5.333	1768.	41.	3.	758.7	31.9	1
1518	0	432	37.1078	89.0596	-893.5	QL	7.38	3.59	1.40	0.486	2.562	5.271	1728.	48.	5.	759.7	32.0	1
1519	0	444	37.1078	89.0603	-893.2	QAL	5.74	5.54	1.18	0.965	4.698	4.869	1849.	41.	2.	760.2	32.0	1
1520	0	448	37.1078	89.0611	-888.5	QAL	11.08	2.99	1.40	0.270	2.136	7.912	1837.	35.	0.	759.2	32.0	1
1521	0	448	37.1078	89.0618	-890.5	QAL	7.83	2.37	1.28	0.303	1.861	6.140	1731.	41.	2.	758.1	32.0	1
1522	0	448	37.1078	89.0625	-893.2	QAL	7.99	3.71	1.31	0.465	2.842	6.111	1714.	51.	0.	759.2	32.0	1
1523	0	448	37.1078	89.0633	-889.5	QAL	8.67	1.75	1.32	0.202	1.326	6.561	1688.	43.	3.	760.7	32.0	1
1524	0	456	37.1078	89.0640	-887.5	QAL	6.65	2.34	1.38	0.351	1.690	4.811	1686.	42.	2.	760.7	32.0	1
1525	0	464	37.1078	89.0647	-890.0	QAL	7.16	3.51	1.39	0.490	2.529	5.165	1674.	28.	1.	759.7	32.0	1
1526	0	468	37.1078	89.0655	-886.0	QAL	4.37	4.39	1.28	1.003	3.442	3.430	1637.	40.	5.	758.7	32.0	1
1527	0	472	37.1078	89.0662	-883.7	QAL	6.74	2.99	1.20	0.443	2.489	5.613	1638.	48.	4.	758.7	31.9	1
1528	0	472	37.1078	89.0670	-882.7	QAL	6.26	2.74	1.19	0.438	2.299	5.250	1584.	48.	6.	759.7	31.9	1
1529	0	468	37.1078	89.0677	-882.0	QAL	5.51	2.05	1.29	0.373	1.590	4.267	1646.	34.	4.	759.7	31.9	1
1530	0	468	37.1078	89.0684	-884.0	QAL	6.90	2.22	1.30	0.323	1.713	5.310	1581.	45.	5.	758.7	32.0	1
1531	0	468	37.1078	89.0691	-884.0	QAL	7.49	3.61	1.10	0.481	3.267	6.786	1632.	48.	2.	758.7	31.9	1
1532	0	468	37.1078	89.0700	-881.5	QAL	6.22	3.16	1.06	0.508	2.996	5.894	1577.	42.	3.	760.7	32.0	1
1533	0	468	37.1078	89.0707	-882.2	QAL	7.77	3.71	0.94	0.477	3.941	8.261	1639.	35.	7.	760.7	31.9	1
1534	10	464	37.1078	89.0714	-880.2	QAL	9.14	1.05	1.36	0.0	0.0	6.702	1492.	28.	5.	758.7	32.0	1
1535	0	460	37.1078	89.0721	-876.5	QAL	4.85	2.94	0.81	0.606	3.624	5.982	1449.	33.	7.	759.2	32.0	1
1536	0	456	37.1078	89.0728	-880.0	QAL	6.69	2.96	1.15	0.442	2.577	5.827	1452.	40.	2.	760.2	32.0	1
1537	0	456	37.1078	89.0735	-884.0	QAL	7.06	1.55	0.94	0.220	1.648	7.484	1375.	33.	5.	760.2	32.0	1

CP9 1P12

FLIGHT LINE 11 DAY 168 REDUCED DATA TEX-KENT 1979 PADUCAH

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1538	10	456	37.1078	89.0743	-880.7		QAL	6.49	0.90	1.40	0.0	0.0	4.646	1504.	51.	7.	760.2	32.0	1
1539	0	440	37.1078	89.0750	-876.0		QAL	5.81	3.80	0.80	0.655	4.775	7.289	1450.	31.	7.	759.2	32.0	1
1540	0	392	37.1078	89.0758	-875.5		QAL	3.36	3.50	0.94	1.042	3.713	3.565	1307.	39.	6.	757.6	32.0	1
1541	10	388	37.1078	89.0765	-878.0		QAL	5.48	0.20	1.14	0.0	0.0	4.801	1401.	39.	11.	759.7	32.0	1
1542	10	388	37.1078	89.0772	-873.0		QAL	6.12	0.49	1.03	0.0	0.0	5.930	1354.	42.	12.	760.7	32.0	1
1543	0	388	37.1078	89.0779	-870.0		QAL	5.98	2.23	0.75	0.373	2.968	7.947	1330.	44.	8.	758.7	32.0	1
1544	0	388	37.1078	89.0787	-876.5		QAL	5.21	2.86	0.94	0.548	3.048	5.560	1407.	29.	7.	759.7	32.0	1
1545	10	384	37.1078	89.0795	-875.5		QAL	7.56	1.23	0.86	0.0	0.0	8.762	1434.	34.	8.	761.2	32.0	1
1546	0	384	37.1078	89.0802	-871.7		QAL	6.98	3.12	0.97	0.447	3.216	7.201	1489.	42.	6.	759.2	32.0	1
1547	10	392	37.1078	89.0809	-874.2		QAL	5.87	0.79	1.11	0.0	0.0	5.289	1415.	40.	7.	758.1	32.0	1
1548	0	400	37.1078	89.0817	-873.7		QAL	7.01	3.11	1.02	0.443	3.058	6.904	1427.	42.	4.	760.2	32.1	1
1549	0	400	37.1078	89.0824	-871.0		QAL	6.39	2.20	0.92	0.344	2.393	6.964	1409.	40.	7.	759.7	32.1	1
1550	0	400	37.1078	89.0831	-874.2		QAL	6.23	2.35	0.90	0.377	2.625	6.955	1368.	42.	5.	758.7	32.1	1
1551	10	392	37.1078	89.0838	-875.7		QAL	6.21	0.97	1.10	0.0	0.0	5.662	1369.	36.	6.	760.2	32.0	1
1552	0	400	37.1078	89.0846	-870.7		QAL	6.89	2.72	1.09	0.395	2.491	6.305	1434.	40.	1.	761.2	32.0	1
1553	0	396	37.1078	89.0854	-869.7		QAL	8.99	2.05	0.87	0.228	2.358	10.359	1416.	33.	4.	759.2	32.0	1
1554	10	388	37.1078	89.0861	-872.7		QAL	7.36	0.61	1.12	0.0	0.0	6.583	1419.	31.	4.	759.2	32.0	1
1555	0	388	37.1078	89.0868	-870.7		QAL	6.23	1.99	1.32	0.320	1.509	4.721	1506.	40.	4.	761.2	32.0	1
1556	0	400	37.1078	89.0875	-866.5		QAL	5.94	1.92	1.16	0.324	1.658	5.125	1540.	39.	8.	760.7	32.1	1
1557	0	444	37.1078	89.0881	-868.2		QAL	8.13	1.78	1.30	0.219	1.371	6.265	1633.	46.	8.	758.7	32.2	1
1558	0	452	37.1078	89.0887	-872.0		QAL	8.42	3.13	1.03	0.372	3.051	8.208	1646.	41.	7.	758.7	32.2	1
1559	0	452	37.1078	89.0894	-869.2		QAL	7.41	1.65	1.24	0.223	1.334	5.975	1679.	32.	10.	760.7	32.1	1
1560	0	456	37.1078	89.0900	-869.0		QAL	8.50	2.45	1.28	0.288	1.907	6.614	1785.	39.	8.	760.7	32.1	1
1561	10	456	37.1078	89.0907	-866.5		QAL	8.71	1.08	1.22	0.0	0.0	7.121	1670.	38.	15.	758.7	32.1	1
1562	10	456	37.1078	89.0914	-865.0		QAL	7.86	1.23	1.29	0.0	0.0	6.082	1630.	33.	12.	759.7	32.1	1
1563	10	456	37.1078	89.0919	-867.0		QAL	8.66	-0.84	1.34	0.0	0.0	6.465	1536.	37.	15.	760.7	32.1	1
1564	10	456	37.1078	89.0926	-866.5		QAL	6.15	0.79	0.98	0.0	0.0	6.252	1407.	39.	16.	759.7	32.1	1
1565	0	452	37.1078	89.0932	-863.2		QAL	5.80	1.76	0.65	0.303	2.718	8.964	1227.	33.	14.	758.7	32.0	1
1566	10	448	37.1078	89.0939	-862.5		QAL	4.59	0.49	0.94	0.0	0.0	4.864	1213.	54.	14.	760.7	32.1	1
1567	10	400	37.1078	89.0945	-866.0		QAL	5.46	0.21	1.02	0.0	0.0	5.368	1107.	49.	13.	760.7	32.1	1
1568	10	396	37.1078	89.0951	-868.7		QAL	4.37	0.43	0.65	0.0	0.0	6.731	1015.	48.	14.	758.7	32.1	1
1569	10	396	37.1078	89.0958	-867.7		QAL	6.96	-0.91	0.75	0.0	0.0	9.277	972.	43.	12.	759.7	32.2	1
1570	10	392	37.1078	89.0963	-866.5		QAL	5.72	0.03	0.92	0.0	0.0	6.230	1129.	44.	14.	760.7	32.3	1
1571	0	384	37.1078	89.0970	-866.2		QAL	6.08	1.54	0.73	0.253	2.107	8.326	1245.	39.	10.	759.2	32.4	1
1572	10	384	37.1078	89.0977	-864.2		QAL	5.75	0.04	1.11	0.0	0.0	5.170	1252.	40.	11.	759.2	32.4	1
1573	0	400	37.1078	89.0983	-861.5		QAL	6.13	1.49	0.69	0.242	2.156	8.891	1295.	48.	9.	760.2	32.4	1
1574	0	404	37.1078	89.0990	-860.2		QAL	6.51	2.67	0.81	0.410	3.314	8.081	1339.	43.	7.	759.2	32.3	1
1575	0	384	37.1078	89.0996	-862.7		QAL	7.19	2.18	0.90	0.304	2.421	7.974	1366.	42.	6.	758.7	32.2	1
1576	0	400	37.1078	89.1002	-867.0		QAL	8.34	2.30	0.99	0.276	2.332	8.458	1504.	31.	5.	760.7	32.2	1
1577	0	420	37.1079	89.1008	-863.7		QAL	9.39	1.74	1.28	0.186	1.365	7.349	1528.	41.	8.	760.7	32.2	1
1578	10	452	37.1079	89.1015	-859.7		QAL	7.68	1.52	1.25	0.0	0.0	6.148	1569.	47.	12.	758.7	32.2	1
1579	0	448	37.1079	89.1021	-863.2		QAL	8.68	2.95	0.89	0.340	3.312	9.745	1695.	29.	9.	758.7	32.2	1
1580	10	452	37.1079	89.1027	-863.7		QAL	7.72	0.59	1.31	0.0	0.0	5.871	1755.	43.	8.	761.2	32.3	1
1581	10	460	37.1079	89.1034	-859.7		QAL	7.35	0.19	1.58	0.0	0.0	4.666	1734.	44.	8.	761.2	32.3	1
1582	0	460	37.1079	89.1040	-863.5		QAL	7.46	1.92	1.03	0.258	1.870	7.252	1648.	42.	7.	759.2	32.3	1
1583	10	464	37.1079	89.1046	-867.5		QAL	7.47	1.39	1.23	0.0	0.0	6.078	1443.	43.	7.	760.2	32.2	1
1584	10	460	37.1079	89.1052	-861.5		QAL	9.53	1.20	1.14	0.0	0.0	8.395	1522.	44.	8.	761.2	32.2	1
1585	10	460	37.1079	89.1059	-859.0		QAL	7.31	0.67	1.35	0.0	0.0	5.426	1571.	49.	11.	758.7	32.1	1
1586	0	456	37.1079	89.1066	-864.7		QAL	9.46	2.25	1.44	0.238	1.562	6.560	1731.	49.	9.	758.7	32.0	1
1587	0	452	37.1079	89.1072	-864.7		QAL	7.89	2.33	1.41	0.295	1.655	5.615	1801.	45.	8.	760.7	32.0	1
1588	0	452	37.1079	89.1078	-859.0		QAL	10.24	3.68	1.13	0.359	3.265	9.087	1840.	48.	11.	759.7	32.0	1
1589	0	452	37.1079	89.1085	-857.5		QAL	7.92	2.77	1.27	0.350	2.190	6.256	1852.	43.	11.	758.7	31.9	1
1590	10	456	37.1079	89.1091	-863.5		QAL	7.57	1.34	1.30	0.0	0.0	5.824	1685.	40.	9.	760.7	31.9	1

CP9 1P12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1591	0	456	37.1079	89.1097	-862.2	QAL	6.51	2.39	0.91	0.368	2.635	7.166	1606.	39.	12.	759.2	31.9	1
1592	10	456	37.1079	89.1103	-857.7	QAL	6.10	0.41	1.54	0.0	0.0	3.956	1589.	46.	11.	759.2	31.9	1
1593	0	460	37.1079	89.1110	-863.0	QAL	8.45	2.19	1.47	0.259	1.489	5.747	1813.	36.	8.	761.2	31.9	1
1594	0	456	37.1079	89.1116	-863.7	QAL	9.52	2.32	1.44	0.243	1.605	6.596	1828.	37.	10.	759.7	31.9	1
1595	10	456	37.1079	89.1123	-858.0	QAL	8.46	1.67	1.20	0.0	0.0	7.043	1827.	29.	12.	758.7	31.9	1
1596	0	452	37.1079	89.1129	-861.0	QAL	9.04	2.37	1.61	0.262	1.470	5.613	1840.	35.	4.	760.2	31.9	1
1597	0	428	37.1079	89.1135	-862.5	QAL	6.80	1.85	1.29	0.272	1.431	5.257	1598.	39.	6.	760.2	31.9	1
1598	10	404	37.1079	89.1142	-859.2	QAL	9.09	0.39	1.29	0.0	0.0	7.034	1419.	39.	7.	759.7	31.9	1
1599	0	408	37.1079	89.1148	-861.2	QAL	6.52	3.77	0.85	0.578	4.427	7.662	1396.	37.	4.	759.7	31.9	1
1600	0	408	37.1079	89.1154	-862.2	QAL	6.47	1.63	1.03	0.252	1.584	6.298	1337.	36.	5.	759.7	31.9	1
1601	10	404	37.1079	89.1161	-858.5	QAL	6.19	0.96	1.09	0.0	0.0	5.653	1281.	37.	8.	759.7	31.9	1
1602	0	400	37.1079	89.1167	-861.2	QAL	3.41	1.33	0.84	0.390	1.588	4.067	988.	40.	5.	758.7	31.9	1
1603	10	388	37.1079	89.1174	-865.2	QAL	3.31	0.92	0.50	0.0	0.0	6.639	700.	46.	7.	759.7	31.9	1
1604	110	432	37.1079	89.1179	-862.2(WATER)		1.07	1.10	0.36	0.0	0.0	0.0	513.	50.	9.	760.2	32.0	1
1605	11	460	37.1079	89.1186	-861.0(WATER)		2.19	0.72	0.09	0.0	0.0	0.0	347.	33.	5.	759.2	31.9	1
1606	111	460	37.1079	89.1192	-860.5(WATER)		1.06	-0.36	0.04	0.0	0.0	0.0	164.	37.	7.	760.2	31.9	1
1607	111	460	37.1079	89.1199	-859.5(WATER)		0.45	0.76	0.10	0.0	0.0	0.0	176.	34.	4.	760.7	31.9	1
1608	111	460	37.1079	89.1205	-859.5(WATER)		-0.14	1.06	-0.10	0.0	0.0	0.0	120.	40.	6.	759.2	31.9	1
1609	111	456	37.1079	89.1212	-861.7(WATER)		0.59	-0.79	0.00	0.0	0.0	0.0	99.	43.	7.	760.2	31.9	1
1610	111	456	37.1079	89.1217	-863.2(WATER)		0.06	0.50	-0.07	0.0	0.0	0.0	99.	32.	3.	761.2	31.9	1
1611	111	456	37.1079	89.1224	-863.5(WATER)		-0.04	0.33	-0.01	0.0	0.0	0.0	37.	42.	2.	758.7	31.9	1
1612	111	456	37.1079	89.1230	-862.0(WATER)		-0.05	0.23	0.03	0.0	0.0	0.0	114.	41.	4.	758.7	31.9	1
1613	111	460	37.1079	89.1237	-861.2(WATER)		-0.04	0.10	0.02	0.0	0.0	0.0	76.	38.	3.	761.2	31.9	1
1614	111	460	37.1079	89.1243	-862.7(WATER)		0.01	-0.88	0.02	0.0	0.0	0.0	14.	51.	7.	760.2	31.9	1
1615	111	460	37.1079	89.1250	-861.2(WATER)		0.23	-0.56	0.09	0.0	0.0	0.0	103.	40.	8.	759.2	31.9	1
1616	111	464	37.1079	89.1256	-864.7(WATER)		-0.04	-0.19	0.07	0.0	0.0	0.0	106.	34.	6.	760.7	31.9	1
1617	111	464	37.1080	89.1262	-866.5(WATER)		-0.12	0.23	-0.04	0.0	0.0	0.0	108.	31.	11.	759.7	31.9	1
1618	111	460	37.1080	89.1268	-864.0(WATER)		1.11	-0.45	-0.04	0.0	0.0	0.0	79.	38.	7.	758.7	31.9	1
1619	111	460	37.1080	89.1275	-865.0(WATER)		0.01	-0.62	0.01	0.0	0.0	0.0	78.	42.	10.	760.7	31.9	1
1620	111	460	37.1080	89.1281	-865.7(WATER)		-0.06	-0.39	0.07	0.0	0.0	0.0	101.	34.	10.	759.7	31.9	1
1621	111	456	37.1080	89.1287	-862.5(WATER)		-0.06	0.13	-0.02	0.0	0.0	0.0	64.	33.	6.	759.2	31.9	1
1622	111	456	37.1080	89.1294	-862.2(WATER)		0.56	0.87	-0.03	0.0	0.0	0.0	126.	28.	6.	761.2	31.9	1
1623	111	456	37.1080	89.1301	-863.5(WATER)		-0.08	0.06	0.02	0.0	0.0	0.0	127.	26.	8.	760.7	31.9	1
1624	111	460	37.1080	89.1306	-863.7	QAL	0.13	-0.66	0.11	0.0	0.0	0.0	142.	31.	9.	758.7	31.9	1
1625	111	460	37.1080	89.1312	-865.2	QAL	1.08	-0.23	0.02	0.0	0.0	0.0	158.	35.	5.	760.2	31.9	1
1626	111	460	37.1080	89.1319	-867.0	QAL	-0.13	1.00	0.02	0.0	0.0	0.0	203.	34.	6.	761.8	31.9	1
1627	11	464	37.1080	89.1326	-863.2	QAL	1.44	0.96	-0.14	0.0	0.0	0.0	307.	29.	7.	759.2	31.8	1
1628	10	464	37.1080	89.1332	-861.7	QAL	2.19	0.34	0.19	0.0	0.0	11.701	424.	36.	10.	759.2	31.9	1
1629	10	464	37.1080	89.1338	-862.5	QAL	2.68	0.39	0.44	0.0	0.0	6.043	689.	40.	6.	761.2	31.9	1
1630	0	460	37.1080	89.1345	-865.7	QAL	4.51	1.82	0.88	0.403	2.071	5.133	929.	35.	2.	759.2	31.9	1
1631	0	408	37.1080	89.1351	-866.7	QAL	4.07	3.10	0.56	0.763	5.503	7.216	1094.	41.	7.	759.7	31.9	1
1632	0	440	37.1080	89.1357	-867.0	QAL	8.91	2.62	1.08	0.294	2.426	8.244	1546.	35.	4.	760.7	32.0	1
1633	0	448	37.1080	89.1364	-865.5	QAL	6.32	2.51	1.20	0.398	2.089	5.252	1595.	39.	5.	758.7	32.0	1
1634	0	452	37.1080	89.1370	-864.5	QAL	5.83	4.21	1.32	0.722	3.204	4.435	1760.	29.	5.	759.7	32.0	1
1635	0	444	37.1080	89.1376	-870.2	QAL	8.81	3.09	1.28	0.351	2.411	6.874	1781.	34.	7.	760.7	32.1	1
1636	0	448	37.1080	89.1383	-874.2	QAL	8.82	3.63	1.35	0.411	2.696	6.558	1839.	28.	9.	759.2	32.2	1
1637	0	456	37.1080	89.1389	-871.5	QAL	7.01	3.44	1.54	0.490	2.231	4.552	1882.	46.	8.	760.2	32.2	1
1638	0	464	37.1080	89.1395	-871.5	QAL	7.87	2.53	1.73	0.321	1.460	4.541	2008.	42.	8.	761.2	32.3	1
1639	0	468	37.1080	89.1402	-869.7	QAL	8.18	4.48	1.61	0.548	2.789	5.089	2045.	41.	10.	759.2	32.4	1
1640	0	476	37.1080	89.1408	-865.2	QAL	6.91	2.72	1.58	0.394	1.723	4.373	2044.	31.	8.	759.2	32.4	1
1641	10	480	37.1080	89.1414	-871.0	QAL	7.50	0.99	2.36	0.0	0.0	3.177	2022.	44.	9.	760.2	32.4	1
1642	0	480	37.1080	89.1421	-874.0	QAL	8.09	4.43	2.04	0.547	2.172	3.971	2009.	35.	2.	759.7	32.3	1
1643	0	476	37.1080	89.1427	-872.0	QAL	8.18	4.07	1.36	0.498	3.000	6.026	1924.	49.	4.	759.2	32.2	1

* TAGS			* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1644	0	428	37.1080	89.1433	-873.2	QAL	8.21	2.66	1.49	0.324	1.785	5.508	1747.	43.	2.	759.2	32.3	1
1645	0	404	37.1080	89.1439	-873.0	QAL	7.05	3.16	1.38	0.448	2.280	5.093	1714.	33.	3.	759.7	32.3	1
1646	0	416	37.1080	89.1446	-867.5	QAL	7.77	1.87	1.41	0.240	1.323	5.510	1689.	34.	1.	759.2	32.2	1
1647	0	408	37.1080	89.1452	-869.5	QAL	6.20	3.13	1.29	0.505	2.427	4.805	1591.	40.	0.	759.2	32.2	1
1648	0	428	37.1080	89.1459	-871.5	QAL	6.48	2.76	1.27	0.425	2.164	5.088	1633.	41.	0.	759.7	32.2	1
1649	0	472	37.1080	89.1465	-872.2	QAL	5.77	4.63	1.24	0.802	3.730	4.653	1662.	39.	0.	759.7	32.1	1
1650	0	448	37.1080	89.1472	-873.5	QAL	5.52	2.89	1.45	0.524	1.989	3.792	1588.	48.	0.	760.2	32.1	1
1651	0	424	37.1080	89.1478	-871.7	QAL	6.88	3.17	1.17	0.461	2.712	5.885	1512.	37.	0.	760.7	32.1	1
1652	0	412	37.1080	89.1484	-872.5	QAL	5.81	3.46	0.97	0.596	3.576	5.999	1422.	37.	3.	760.2	32.0	1
1653	0	396	37.1080	89.1490	-875.5	QAL	7.02	3.17	0.65	0.452	4.898	10.848	1399.	33.	0.	759.2	32.0	1
1654	0	400	37.1080	89.1497	-872.5	QAL	4.93	3.09	1.04	0.628	2.975	4.741	1473.	45.	4.	759.7	32.0	1
1655	10	392	37.1080	89.1503	-874.7	QAL	8.41	0.92	1.08	0.0	0.0	7.793	1472.	48.	5.	759.7	32.0	1
1656	10	396	37.1080	89.1510	-878.2	QAL	7.52	1.12	1.29	0.0	0.0	5.846	1551.	50.	6.	759.2	32.0	1
1657	10	400	37.1080	89.1516	-873.7	QAL	6.19	0.34	1.32	0.0	0.0	4.708	1534.	51.	11.	759.2	32.0	1
1658	0	436	37.1080	89.1522	-873.0	QAL	7.34	2.03	1.50	0.277	1.354	4.887	1666.	44.	10.	759.7	32.1	1
1659	10	468	37.1080	89.1528	-877.2	QAL	8.44	0.72	1.58	0.0	0.0	5.350	1798.	36.	10.	760.2	32.0	1
1660	10	468	37.1080	89.1535	-876.0	QAL	7.79	0.78	1.59	0.0	0.0	4.911	1759.	37.	11.	759.7	32.1	1
1661	0	460	37.1080	89.1541	-875.0	QAL	9.07	2.06	1.14	0.228	1.812	7.962	1745.	43.	6.	759.7	32.2	1
1662	0	464	37.1080	89.1547	-876.7	QAL	8.27	1.83	1.61	0.221	1.137	5.149	1800.	46.	9.	759.7	32.2	1
1663	0	460	37.1080	89.1554	-877.7	QAL	7.42	5.06	1.39	0.682	3.638	5.336	1809.	36.	7.	759.2	32.2	1
1664	0	464	37.1080	89.1560	-876.5	QAL	6.84	3.28	1.52	0.480	2.164	4.506	1737.	45.	3.	758.1	32.2	1
1665	0	452	37.1080	89.1566	-880.0	QAL	8.46	2.21	1.46	0.261	1.512	5.791	1768.	43.	6.	758.7	32.2	1
1666	0	444	37.1080	89.1573	-883.5	QAL	6.51	2.24	1.38	0.344	1.619	4.709	1734.	36.	6.	759.7	32.3	1
1667	0	460	37.1080	89.1579	-881.2	QAL	7.99	4.10	1.24	0.514	3.304	6.433	1903.	35.	3.	759.7	32.3	1
1668	10	464	37.1080	89.1586	-879.5	QAL	9.38	0.78	1.50	0.0	0.0	6.256	1786.	44.	10.	758.7	32.4	1
1669	0	468	37.1080	89.1592	-882.5	QAL	8.88	3.54	1.38	0.399	2.573	6.450	1799.	28.	11.	758.7	32.4	1
1670	0	480	37.1080	89.1598	-884.0	QAL	8.32	3.48	1.30	0.418	2.678	6.408	1950.	27.	9.	759.7	32.4	1
1671	0	484	37.1080	89.1604	-883.2	QAL	6.21	2.63	1.53	0.425	1.717	4.045	1797.	36.	9.	758.7	32.4	1
1672	0	488	37.1080	89.1611	-886.2	QAL	10.10	3.06	1.36	0.303	2.250	7.429	1848.	38.	5.	757.6	32.4	1
1673	0	496	37.1080	89.1617	-886.7	QAL	6.63	3.54	1.68	0.535	2.114	3.954	1924.	38.	8.	758.1	32.3	1
1674	10	496	37.1080	89.1624	-888.2	QAL	8.76	1.69	1.73	0.0	0.0	5.053	1923.	39.	9.	759.2	32.4	1
1675	0	500	37.1080	89.1630	-889.7	QAL	9.63	2.28	1.73	0.236	1.318	5.575	1822.	46.	5.	759.2	32.3	1
1676	0	500	37.1080	89.1637	-886.0	QAL	9.98	3.04	1.64	0.304	1.852	6.083	2013.	40.	2.	758.1	32.3	1
1677	0	492	37.1080	89.1643	-886.2	QAL	7.43	3.37	1.51	0.453	2.232	4.925	1884.	54.	3.	758.1	32.2	1
1678	0	484	37.1081	89.1649	-890.5	QAL	8.34	3.95	1.71	0.474	2.315	4.887	2004.	37.	0.	758.1	32.1	1
1679	0	480	37.1081	89.1655	-887.5	QAL	7.67	3.18	1.55	0.415	2.059	4.960	1948.	36.	5.	758.1	32.0	1
1680	0	476	37.1081	89.1662	-888.0	QAL	9.67	3.29	1.47	0.340	2.239	6.588	1857.	41.	0.	759.2	32.1	1
1681	0	472	37.1081	89.1668	-890.2	QAL	8.45	2.92	1.60	0.345	1.819	5.272	1890.	55.	1.	759.2	32.1	1
1682	0	468	37.1081	89.1674	-888.7	QAL	8.08	3.74	1.40	0.462	2.666	5.767	1948.	40.	5.	758.1	32.1	1
1683	0	468	37.1081	89.1681	-888.5	QAL	10.59	3.03	1.50	0.286	2.013	7.046	1961.	41.	2.	758.1	32.1	1
1684	0	476	37.1081	89.1687	-892.7	QAL	10.46	2.18	1.59	0.209	1.374	6.587	2034.	48.	5.	759.2	32.2	1
1685	10	476	37.1081	89.1693	-892.7	QAL	9.36	1.65	1.57	0.0	0.0	5.971	1984.	47.	8.	759.2	32.2	1
1686	0	476	37.1081	89.1699	-892.7	QAL	9.81	2.45	1.53	0.250	1.601	6.416	1885.	51.	7.	758.7	32.3	1
1687	0	476	37.1081	89.1706	-893.7	QAL	8.73	1.83	1.88	0.210	0.976	4.645	2003.	37.	10.	758.7	32.2	1
1688	0	476	37.1081	89.1713	-892.5	QAL	10.59	1.87	1.53	0.177	1.224	6.933	1938.	42.	9.	759.2	32.2	1
1689	0	468	37.1081	89.1719	-893.2	QAL	9.17	2.95	1.85	0.322	1.594	4.952	2034.	26.	11.	759.2	32.2	1
1690	0	464	37.1081	89.1726	-893.5	QAL	8.30	3.67	1.76	0.442	2.087	4.717	2003.	34.	7.	759.2	32.1	1
1691	10	460	37.1081	89.1731	-895.5	QAL	10.53	1.57	1.78	0.0	0.0	5.924	1894.	40.	10.	759.2	32.1	1
1692	0	456	37.1081	89.1738	-898.2	QAL	9.22	2.27	1.46	0.246	1.557	6.329	1773.	48.	7.	760.2	32.1	1
1693	0	452	37.1081	89.1744	-898.2	QAL	8.87	2.19	1.80	0.247	1.217	4.933	1931.	37.	5.	760.7	32.1	1
1694	0	452	37.1081	89.1750	-897.0	QAL	6.70	3.53	1.75	0.528	2.016	3.819	1998.	42.	7.	759.2	32.1	1
1695	0	456	37.1081	89.1757	-899.0	QAL	6.49	2.81	1.45	0.433	1.933	4.466	1969.	37.	5.	758.1	32.1	1
1696	10	452	37.1081	89.1763	-902.7	QAL	9.09	0.56	1.86	0.0	0.0	4.899	1951.	38.	5.	759.2	32.1	1

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TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1697	0	452	37.1081	89.1770	-904.2	QAL	7.74	5.22	1.60	0.675	3.261	4.832	2023.	54.	4.	759.2	32.1	1
1698	0	452	37.1081	89.1776	-903.7	QAL	7.91	2.26	1.70	0.285	1.328	4.655	1922.	42.	7.	759.2	32.1	1
1699	0	452	37.1081	89.1782	-900.2	QAL	9.78	2.02	1.54	0.207	1.312	6.346	1947.	36.	6.	759.7	32.1	1
1700	10	456	37.1081	89.1788	-902.2	QAL	9.71	1.12	1.57	0.0	0.0	6.179	1917.	49.	11.	759.7	32.1	1
1701	10	456	37.1081	89.1795	-906.5	QAL	7.11	1.38	1.83	0.0	0.0	3.893	1884.	49.	8.	759.2	32.1	1
1702	0	460	37.1081	89.1802	-902.7	QAL	7.60	1.75	1.49	0.231	1.176	5.098	1862.	43.	10.	759.2	32.2	1
1703	10	464	37.1081	89.1808	-902.7	QAL	10.19	1.25	1.66	0.0	0.0	6.151	2057.	35.	9.	759.2	32.2	1
1704	0	468	37.1081	89.1814	-907.2	QAL	9.03	2.00	1.58	0.222	1.272	5.729	1941.	27.	7.	759.2	32.2	1
1705	0	468	37.1081	89.1820	-904.2	QAL	8.07	2.68	1.83	0.332	1.468	4.421	1925.	37.	6.	759.2	32.2	1
1706	0	472	37.1081	89.1826	-901.5	QAL	8.13	3.17	1.71	0.390	1.857	4.765	1932.	42.	8.	758.7	32.2	1
1707	0	480	37.1081	89.1833	-905.7	QAL	7.42	2.80	1.78	0.377	1.570	4.165	1910.	53.	3.	758.7	32.2	1
1708	0	484	37.1081	89.1839	-908.7	QAL	7.62	5.13	1.73	0.673	2.964	4.404	1964.	35.	2.	759.2	32.1	1
1709	0	488	37.1081	89.1846	-909.0	QAL	7.50	4.31	1.70	0.575	2.532	4.406	1893.	39.	4.	759.2	32.1	1
1710	0	488	37.1081	89.1852	-910.0	QAL	6.52	2.04	1.64	0.312	1.245	3.987	1805.	41.	7.	758.1	32.1	1
1711	0	488	37.1081	89.1859	-907.0	QAL	9.56	2.06	1.63	0.216	1.264	5.865	1812.	52.	6.	758.1	32.0	1
1712	0	488	37.1081	89.1864	-905.5	QAL	7.17	1.80	1.47	0.252	1.226	4.875	1747.	45.	6.	758.7	32.0	1
1713	0	484	37.1081	89.1871	-908.2	QAL	7.33	4.48	1.06	0.611	4.225	6.917	1540.	37.	2.	758.7	32.1	1
1714	0	480	37.1081	89.1877	-910.7	QAL	3.83	1.62	1.13	0.423	1.437	3.401	1212.	45.	4.	759.2	32.1	1
1715	0	476	37.1081	89.1884	-910.5	QAL	5.68	1.60	0.70	0.282	2.282	8.080	974.	36.	4.	759.2	32.2	1
1716	0	476	37.1081	89.1890	-910.2	QAL	3.65	1.80	0.71	0.493	2.538	5.145	907.	49.	4.	758.7	32.2	1
1717	10	468	37.1081	89.1897	-908.0	QAL	4.43	0.88	0.82	0.0	0.0	5.413	1099.	46.	5.	758.7	32.2	1
1718	0	472	37.1082	89.1902	-907.7	QAL	6.94	1.81	0.94	0.262	1.924	7.354	1340.	50.	4.	758.1	32.2	1
1719	0	476	37.1082	89.1909	-912.2	QAL	5.66	2.56	1.13	0.452	2.269	5.018	1405.	44.	0.	758.1	32.3	1
1720	0	480	37.1082	89.1915	-912.5	QAL	4.68	1.76	1.12	0.376	1.577	4.193	1298.	35.	4.	759.2	32.3	1
1721	0	476	37.1082	89.1922	-907.7	QAL	5.81	2.59	0.70	0.446	3.711	8.324	1108.	33.	1.	758.7	32.3	1
1722	10	476	37.1082	89.1928	-910.7	QAL	5.07	0.71	0.71	0.0	0.0	7.167	1050.	37.	5.	758.1	32.3	1
1723	10	476	37.1082	89.1934	-915.2	QAL	5.47	0.77	0.88	0.0	0.0	6.225	1149.	25.	10.	758.1	32.3	1
1724	10	472	37.1082	89.1941	-913.7	QAL	3.87	1.33	1.07	0.0	0.0	3.638	1141.	38.	10.	758.1	32.4	1
1725	0	448	37.1082	89.1947	-913.2	QAL	5.19	2.54	0.87	0.490	2.905	5.931	1278.	36.	13.	758.1	32.4	1
1726	0	476	37.1082	89.1954	-917.5	QAL	6.65	1.87	1.27	0.281	1.471	5.242	1467.	41.	11.	758.1	32.4	1
1727	0	476	37.1082	89.1959	-916.5	QAL	8.79	2.40	1.25	0.274	1.927	7.042	1542.	45.	10.	758.1	32.3	1
1728	10	476	37.1082	89.1966	-916.7	QAL	6.11	1.27	1.78	0.0	0.0	3.427	1669.	34.	13.	758.7	32.2	1
1729	10	476	37.1082	89.1973	-920.5	QAL	10.30	0.08	1.44	0.0	0.0	7.147	1680.	43.	13.	758.7	32.2	1
1730	10	480	37.1082	89.1979	-919.7	QAL	7.93	1.46	1.63	0.0	0.0	4.871	1669.	40.	12.	759.7	32.1	1
1731	0	480	37.1082	89.1986	-917.2	QAL	4.92	3.84	1.08	0.782	3.554	4.544	1603.	39.	9.	759.7	32.0	1
1732	0	480	37.1082	89.1991	-916.5	QAL	4.61	1.83	1.37	0.396	1.333	3.363	1620.	48.	10.	758.1	32.0	1
1733	10	480	37.1082	89.1998	-915.0	QAL	6.14	1.44	1.17	0.0	0.0	5.242	1501.	34.	7.	758.1	32.0	1
1734	10	476	37.1082	89.2004	-916.2	QAL	6.34	1.44	1.05	0.0	0.0	6.022	1492.	43.	9.	758.1	32.0	1
1735	0	480	37.1082	89.2010	-920.2	QAL	4.14	4.36	1.06	1.054	4.101	3.891	1511.	36.	6.	758.1	32.0	1
1736	0	480	37.1081	89.2017	-921.0	QAL	5.61	2.86	1.00	0.510	2.863	5.617	1548.	46.	5.	758.7	32.0	1
1737	0	480	37.1081	89.2023	-919.2	QAL	5.67	3.12	0.93	0.551	3.345	6.073	1522.	38.	6.	758.7	32.0	1
1738	0	480	37.1081	89.2030	-919.0	QAL	4.57	3.85	1.00	0.841	3.846	4.573	1493.	30.	6.	757.6	32.0	1
1739	0	480	37.1081	89.2037	-915.0	QAL	6.75	3.60	0.90	0.533	4.015	7.526	1464.	35.	4.	758.1	31.9	1
1740	0	484	37.1081	89.2044	-916.0	QAL	5.27	5.90	0.59	1.119	10.038	8.973	1378.	31.	3.	759.2	31.9	1
1741	0	484	37.1081	89.2051	-920.7	QAL	4.71	5.25	0.74	1.115	7.107	6.371	1447.	35.	6.	758.7	31.8	1
1742	0	484	37.1081	89.2057	-919.7	QAL	6.24	2.64	1.09	0.422	2.421	5.732	1515.	52.	4.	758.7	31.8	1
1743	0	488	37.1081	89.2064	-920.0	QAL	5.15	3.39	1.09	0.659	3.124	4.739	1577.	41.	7.	759.2	31.8	1
1744	0	480	37.1081	89.2072	-923.0	QAL	7.02	2.19	1.23	0.312	1.779	5.703	1577.	50.	4.	758.1	31.8	1
1745	0	476	37.1081	89.2079	-923.2	QAL	7.04	2.83	1.33	0.401	2.126	5.298	1664.	31.	5.	758.1	31.8	1
1746	0	472	37.1081	89.2085	-927.0	QAL	8.45	2.63	1.21	0.311	2.173	6.995	1661.	39.	5.	759.2	31.8	1
1747	0	468	37.1081	89.2092	-926.5	QAL	7.72	3.14	1.23	0.406	2.544	6.264	1816.	38.	4.	759.2	31.8	1
1748	0	460	37.1081	89.2099	-924.0	QAL	5.49	2.25	1.28	0.410	1.755	4.280	1571.	36.	7.	759.7	31.8	1
1749	0	468	37.1081	89.2107	-924.7	QAL	4.76	2.35	1.49	0.495	1.580	3.191	1741.	41.	6.	759.7	31.8	1

CP 9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1750	0	464	37.1081	89.2113	-923.7	QAL	7.95	1.63	1.55	0.205	1.049	5.115	1695.	42.	7.	759.2	31.8	1
1751	0	456	37.1081	89.2120	-918.7	QAL	5.28	3.08	1.60	0.583	1.921	3.293	1601.	45.	5.	759.2	31.8	1
1752	0	456	37.1081	89.2127	-918.7	QAL	6.59	2.88	1.50	0.438	1.927	4.403	1741.	38.	9.	759.2	31.8	1
1753	0	452	37.1081	89.2134	-920.2	QAL	6.91	1.96	1.64	0.284	1.197	4.212	1680.	47.	10.	759.2	31.8	1
1754	10	452	37.1081	89.2141	-923.2	QAL	5.79	0.71	1.86	0.0	0.0	3.112	1733.	35.	10.	759.2	31.8	1
1755	0	452	37.1081	89.2148	-924.5	QAL	6.79	2.77	1.75	0.408	1.586	3.884	1825.	36.	10.	758.7	31.8	1
1756	10	452	37.1081	89.2155	-920.0	QAL	8.85	1.52	1.64	0.0	0.0	5.389	1775.	40.	13.	759.7	31.8	1
1757	0	448	37.1081	89.2163	-919.2	QAL	7.00	1.72	1.64	0.246	1.051	4.273	1737.	30.	9.	760.2	31.8	1
1758	0	452	37.1080	89.2169	-926.0	QAL	6.77	2.19	1.52	0.324	1.443	4.457	1643.	53.	9.	758.7	31.9	1
1759	10	452	37.1080	89.2176	-926.0	QAL	7.69	1.34	1.55	0.0	0.0	4.970	1694.	41.	9.	758.7	31.9	1
1760	0	452	37.1080	89.2184	-921.5	QAL	7.74	1.92	1.55	0.248	1.238	4.990	1752.	42.	10.	759.2	31.9	1
1761	0	456	37.1080	89.2191	-919.5	QAL	5.57	2.53	1.37	0.454	1.848	4.071	1693.	54.	8.	759.2	31.9	1
1762	0	456	37.1080	89.2197	-922.7	QAL	8.63	1.76	1.69	0.204	1.044	5.115	1748.	32.	7.	758.7	31.9	1
1763	0	460	37.1080	89.2204	-928.7	QAL	7.59	1.77	1.61	0.233	1.099	4.707	1754.	36.	7.	759.7	31.9	1
1764	0	460	37.1080	89.2211	-925.7	QAL	6.63	2.70	1.47	0.407	1.833	4.506	1785.	35.	8.	760.7	32.0	1
1765	10	460	37.1080	89.2218	-923.0	QAL	5.90	1.35	1.49	0.0	0.0	3.971	1732.	43.	11.	759.2	31.9	1
1766	10	460	37.1080	89.2225	-925.0	QAL	6.14	1.34	1.74	0.0	0.0	3.525	1761.	45.	12.	758.7	32.0	1
1767	0	460	37.1080	89.2232	-921.7	QAL	7.38	2.03	1.70	0.276	1.198	4.344	1825.	47.	10.	759.2	32.0	1
1768	0	436	37.1080	89.2239	-921.5	QAL	6.24	1.66	1.46	0.267	1.143	4.286	1685.	41.	13.	759.2	32.0	1
1769	10	400	37.1080	89.2246	-925.7	QAL	7.72	0.89	1.22	0.0	0.0	6.312	1467.	37.	8.	759.2	31.9	1
1770	0	392	37.1080	89.2253	-920.7	QAL	6.40	2.05	1.35	0.320	1.519	4.748	1460.	30.	9.	759.2	32.0	1
1771	10	392	37.1080	89.2260	-918.0	QAL	6.08	1.39	1.32	0.0	0.0	4.607	1462.	51.	10.	759.2	32.0	1
1772	0	400	37.1080	89.2267	-920.7	QAL	5.49	2.98	1.22	0.543	2.437	4.490	1458.	49.	7.	759.2	32.0	1
1773	0	396	37.1080	89.2274	-920.7	QAL	4.98	2.78	1.32	0.559	2.100	3.760	1428.	28.	9.	758.7	32.0	1
1774	0	404	37.1080	89.2281	-923.2	QAL	5.72	1.57	1.22	0.275	1.285	4.679	1376.	51.	7.	758.7	32.1	1
1775	10	408	37.1080	89.2288	-926.0	QAL	6.07	1.07	1.21	0.0	0.0	5.003	1450.	32.	5.	759.2	32.0	1
1776	0	412	37.1080	89.2295	-925.0	QAL	6.43	1.59	1.34	0.248	1.190	4.806	1435.	40.	7.	759.2	32.0	1
1777	0	416	37.1080	89.2302	-923.7	QAL	4.91	3.49	0.99	0.710	3.532	4.977	1475.	41.	5.	759.2	32.0	1
1778	0	404	37.1080	89.2309	-922.7	QAL	6.84	2.58	0.81	0.377	3.168	8.398	1380.	42.	7.	759.2	32.1	1
1779	0	404	37.1079	89.2316	-924.0	QAL	4.74	2.39	1.16	0.505	2.059	4.074	1412.	40.	9.	759.7	32.1	1
1780	0	392	37.1079	89.2323	-925.5	QAL	5.31	3.67	0.86	0.691	4.260	6.163	1398.	45.	5.	760.2	32.2	1
1781	0	388	37.1079	89.2329	-921.2	QAL	5.50	2.05	0.96	0.373	2.124	5.701	1245.	44.	4.	759.2	32.3	1
1782	10	412	37.1079	89.2337	-916.7	QAL	6.28	0.93	1.40	0.0	0.0	4.479	1395.	47.	8.	758.1	32.4	1
1783	0	408	37.1079	89.2344	-920.7	QAL	4.15	2.10	1.05	0.507	2.008	3.959	1392.	54.	4.	758.7	32.5	1
1784	10	424	37.1079	89.2351	-925.5	QAL	5.16	1.34	1.26	0.0	0.0	4.090	1472.	43.	6.	759.2	32.5	1
1785	10	444	37.1079	89.2357	-925.2	QAL	8.42	1.34	1.10	0.0	0.0	7.686	1524.	35.	3.	758.1	32.4	1
1786	0	448	37.1079	89.2364	-924.5	QAL	9.41	2.89	1.39	0.307	2.086	6.792	1609.	33.	1.	758.1	32.4	1
1787	0	456	37.1079	89.2372	-923.2	QAL	7.88	3.71	0.74	0.471	4.983	10.585	1622.	40.	1.	759.2	32.4	1
1788	0	444	37.1079	89.2379	-925.0	QAL	6.21	2.80	1.20	0.451	2.344	5.193	1499.	38.	4.	758.7	32.4	1
1789	10	424	37.1079	89.2385	-924.2	QAL	4.48	1.02	1.30	0.0	0.0	3.439	1489.	40.	6.	758.7	32.4	1
1790	0	432	37.1079	89.2392	-921.2	QAL	6.99	1.53	1.07	0.219	1.427	6.516	1462.	41.	2.	759.2	32.3	1
1791	0	428	37.1079	89.2400	-922.0	QAL	5.40	3.17	1.00	0.587	3.163	5.388	1443.	41.	3.	758.1	32.2	1
1792	0	420	37.1079	89.2407	-925.0	QAL	6.50	2.91	1.16	0.448	2.509	5.600	1479.	29.	4.	758.1	32.2	1
1793	0	432	37.1079	89.2413	-925.0	QAL	7.28	2.99	0.83	0.410	3.588	8.742	1494.	33.	0.	759.2	32.2	1
1794	0	424	37.1079	89.2421	-923.7	QAL	5.90	2.08	1.21	0.353	1.727	4.895	1474.	34.	2.	758.7	32.2	1
1795	10	420	37.1079	89.2428	-926.0	QTC-1	4.50	0.80	1.21	0.0	0.0	3.728	1354.	41.	2.	758.1	32.2	1
1796	0	404	37.1079	89.2435	-927.2	QTC-1	7.63	2.27	1.11	0.298	2.056	6.899	1426.	42.	0.	759.2	32.2	1
1797	0	404	37.1079	89.2442	-922.2	QTC-1	7.63	2.14	1.39	0.281	1.541	5.488	1429.	35.	0.	759.7	32.2	1
1798	0	404	37.1079	89.2449	-919.2	QTC-1	7.86	2.33	1.44	0.296	1.619	5.474	1615.	31.	0.	759.2	32.2	1
1799	0	444	37.1079	89.2456	-923.7	QTC-1	8.33	2.73	1.39	0.328	1.959	5.977	1658.	47.	1.	759.7	32.2	1
1800	0	448	37.1079	89.2463	-924.2	QTC-1	7.29	3.34	1.25	0.458	2.673	5.838	1732.	34.	0.	759.2	32.1	1
1801	0	440	37.1079	89.2469	-924.2	QTC-1	7.37	1.79	1.61	0.243	1.115	4.588	1711.	30.	0.	758.7	32.2	1
1802	0	408	37.1079	89.2476	-923.2	QTC-1	6.80	2.37	1.31	0.349	1.807	5.174	1660.	37.	1.	759.7	32.2	1

CP9 IP 12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1803	0	388	37.1079	89.2484	-922.5	QTC-1	8.86	2.10	1.37	0.237	1.532	6.470	1647.	45.	0.	759.7	32.2	1
1804	0	392	37.1079	89.2491	-925.0	QAL	8.25	2.81	1.42	0.341	1.973	5.792	1725.	38.	0.	758.7	32.3	1
1805	0	396	37.1079	89.2497	-924.7	QAL	6.02	3.48	1.34	0.579	2.603	4.499	1664.	46.	1.	759.2	32.2	1
1806	0	400	37.1078	89.2504	-922.5	QAL	7.29	3.20	1.47	0.439	2.176	4.957	1672.	40.	0.	760.7	32.3	1
1807	0	392	37.1078	89.2511	-924.7	QAL	6.61	2.78	1.22	0.421	2.276	5.407	1635.	39.	0.	760.2	32.2	1
1808	0	364	37.1078	89.2518	-928.2	QTC-1	4.89	3.65	1.02	0.745	3.558	4.773	1412.	38.	0.	759.7	32.2	1
1809	0	388	37.1078	89.2525	-930.2	QTC-1	5.62	2.60	1.01	0.462	2.562	5.543	1487.	41.	0.	759.7	32.2	1
1810	0	440	37.1078	89.2532	-928.2	QTC-1	5.08	3.85	0.97	0.758	3.965	5.233	1562.	47.	0.	759.7	32.3	1
1811	0	376	37.1078	89.2539	-926.5	QTC-1	6.22	3.62	1.05	0.582	3.442	5.912	1430.	35.	0.	761.2	32.3	1
1812	0	352	37.1078	89.2546	-929.7	QTC-1	6.13	3.05	1.21	0.497	2.515	5.057	1444.	39.	0.	760.2	32.3	1
1813	0	336	37.1078	89.2553	-928.7	QTC-1	4.45	2.13	1.06	0.477	1.999	4.187	1414.	40.	5.	758.7	32.3	1
1814	0	336	37.1078	89.2560	-924.5	QTC-1	5.21	2.61	1.17	0.501	2.224	4.439	1497.	35.	5.	759.7	32.3	1
1815	0	324	37.1078	89.2567	-926.5	QTC-1	5.54	2.39	1.13	0.431	2.122	4.922	1413.	39.	4.	758.7	32.3	1
1816	0	340	37.1078	89.2574	-927.7	QAL	5.37	2.90	1.13	0.540	2.554	4.733	1524.	37.	5.	758.7	32.2	1
1817	0	336	37.1078	89.2581	-924.2	QAL	6.32	1.95	1.53	0.308	1.273	4.133	1594.	39.	6.	759.2	32.2	1
1818	0	328	37.1078	89.2588	-922.7	QAL	6.11	2.98	1.11	0.488	2.675	5.480	1501.	46.	2.	758.1	32.2	1
1819	0	336	37.1078	89.2596	-920.7	QAL	7.80	2.90	1.02	0.371	2.828	7.614	1613.	32.	5.	758.1	32.2	1
1820	0	332	37.1078	89.2602	-925.0	QAL	4.64	2.13	1.11	0.460	1.926	4.191	1347.	48.	4.	758.7	32.2	1
1821	0	380	37.1078	89.2609	-929.0	QAL	5.86	1.53	0.80	0.262	1.914	7.318	1286.	53.	4.	757.6	32.2	1
1822	0	404	37.1078	89.2616	-925.0	QAL	7.96	1.64	0.73	0.206	2.243	10.887	1336.	33.	3.	758.7	32.2	1
1823	0	412	37.1078	89.2623	-926.5	QAL	6.35	2.44	0.90	0.384	2.698	7.030	1283.	34.	1.	758.7	32.2	1
1824	0	432	37.1078	89.2630	-931.2	QAL	5.34	1.51	1.10	0.283	1.372	4.845	1267.	34.	3.	757.6	32.2	1
1825	0	432	37.1078	89.2637	-931.0	QAL	5.49	3.49	0.95	0.636	3.675	5.782	1262.	37.	2.	758.7	32.2	1
1826	10	444	37.1078	89.2644	-931.7	QAL	8.07	1.25	0.79	0.0	0.0	10.165	1310.	34.	3.	758.7	32.2	1
1827	0	488	37.1078	89.2651	-932.7	QAL	6.83	2.08	1.23	0.304	1.681	5.536	1475.	35.	0.	757.6	32.1	1
1828	0	512	37.1078	89.2658	-928.7	QAL	8.42	2.05	1.10	0.243	1.854	7.627	1614.	37.	2.	758.7	32.1	1
1829	0	512	37.1078	89.2665	-929.0	QAL	5.28	2.98	0.83	0.565	3.617	6.401	1533.	45.	2.	759.7	32.2	1
1830	10	500	37.1078	89.2672	-933.0	QAL	6.39	0.81	1.41	0.0	0.0	4.524	1608.	56.	4.	758.7	32.2	1
1831	0	500	37.1078	89.2679	-933.7	QAL	8.42	3.45	1.16	0.410	2.981	7.275	1735.	41.	6.	758.7	32.0	1
1832	0	484	37.1078	89.2686	-934.7	QAL	6.67	3.58	1.14	0.536	3.138	5.852	1621.	43.	7.	758.7	32.0	1
1833	0	480	37.1078	89.2693	-931.5	QAL	6.19	3.83	1.00	0.619	3.828	6.188	1721.	46.	4.	758.1	31.9	1
1834	0	480	37.1077	89.2700	-931.0	QAL	7.04	2.33	1.61	0.330	1.446	4.376	1720.	44.	8.	758.1	31.9	1
1835	0	476	37.1077	89.2707	-934.7	QAL	8.79	3.61	1.52	0.411	2.380	5.799	1830.	42.	5.	759.2	31.9	1
1836	0	476	37.1077	89.2713	-931.5	QAL	7.73	3.12	1.54	0.404	2.028	5.024	1863.	24.	6.	760.2	31.9	1
1837	0	472	37.1077	89.2721	-927.2	QAL	7.91	2.77	1.36	0.350	2.039	5.830	1848.	40.	9.	759.2	31.9	1
1838	10	472	37.1077	89.2728	-933.7	QAL	9.09	1.59	1.44	0.0	0.0	6.333	1781.	47.	12.	758.7	31.9	1
1839	0	468	37.1077	89.2735	-933.7	QAL	9.18	2.46	1.40	0.268	1.762	6.580	1794.	35.	9.	759.7	31.9	1
1840	10	464	37.1077	89.2742	-932.5	QAL	11.57	0.14	1.59	0.0	0.0	7.257	1897.	38.	11.	758.7	31.9	1
1841	10	460	37.1077	89.2749	-937.5	QAL	9.22	1.26	1.65	0.0	0.0	5.571	1776.	41.	11.	757.6	31.9	1
1842	10	460	37.1077	89.2756	-937.0	QAL	7.09	1.48	1.48	0.0	0.0	4.795	1787.	38.	11.	759.2	31.9	1
1843	10	456	37.1077	89.2763	-934.0	QAL	6.90	1.56	1.69	0.0	0.0	4.084	1785.	32.	10.	758.7	32.0	1
1844	0	456	37.1077	89.2769	-935.5	QAL	9.03	1.68	1.47	0.186	1.147	6.153	1700.	31.	9.	758.7	32.0	1
1845	10	456	37.1077	89.2776	-933.7	QAL	7.18	1.09	1.68	0.0	0.0	4.283	1659.	41.	8.	760.2	32.0	1
1846	10	444	37.1077	89.2784	-930.7	QAL	8.61	0.57	1.55	0.0	0.0	5.571	1663.	40.	10.	759.2	32.1	1
1847	0	448	37.1077	89.2790	-935.5	QAL	5.42	3.68	1.42	0.680	2.586	3.806	1716.	44.	7.	759.2	32.1	1
1848	0	456	37.1077	89.2797	-935.5	QAL	6.17	3.08	1.25	0.500	2.466	4.936	1581.	46.	9.	760.2	32.1	1
1849	0	464	37.1077	89.2805	-930.7	QAL	8.30	2.75	1.27	0.331	2.172	6.564	1705.	35.	8.	759.2	32.1	1
1850	10	472	37.1077	89.2812	-932.7	QAL	9.58	0.43	1.57	0.0	0.0	6.102	1665.	43.	12.	758.7	32.1	1
1851	0	476	37.1077	89.2818	-937.5	QAL	7.32	4.14	1.25	0.565	3.320	5.875	1695.	33.	5.	759.7	32.1	1
1852	0	476	37.1077	89.2825	-939.7	QAL	8.31	3.11	1.17	0.375	2.671	7.127	1701.	38.	7.	758.7	32.1	1
1853	0	476	37.1077	89.2833	-940.5	QAL	8.59	2.17	1.10	0.252	1.961	7.776	1656.	36.	7.	757.6	32.1	1
1854	10	480	37.1077	89.2840	-940.0	QAL	7.98	0.83	1.27	0.0	0.0	6.290	1579.	48.	6.	758.7	32.2	1
1855	10	480	37.1077	89.2846	-936.7	QAL	7.54	0.61	1.46	0.0	0.0	5.168	1607.	42.	7.	758.7	32.2	1

CP9 1P12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1856	0	480	37.1077	89.2854	-935.7		QAL	8.44	2.27	1.14	0.269	2.001	7.432	1751.	39.	4.	759.2	32.2	1
1857	0	476	37.1077	89.2860	-940.7		QAL	6.41	3.70	0.98	0.577	3.793	6.572	1669.	43.	2.	759.2	32.1	1
1858	0	476	37.1076	89.2868	-941.2		QAL	8.16	2.41	1.44	0.296	1.677	5.671	1723.	38.	2.	758.7	32.1	1
1859	0	472	37.1076	89.2874	-936.7		QAL	10.69	2.24	1.35	0.209	1.654	7.895	1723.	51.	4.	759.7	32.1	1
1860	0	476	37.1076	89.2881	-936.2		QAL	8.75	3.43	1.20	0.392	2.855	7.284	1713.	47.	0.	759.2	32.1	1
1861	10	472	37.1076	89.2888	-942.2		QAL	10.41	0.31	1.35	0.0	0.0	7.703	1767.	45.	5.	758.1	32.1	1
1862	0	472	37.1076	89.2896	-942.0		QAL	7.69	1.57	1.43	0.204	1.096	5.372	1609.	47.	2.	759.7	32.1	1
1863	0	468	37.1076	89.2902	-937.2		QAL	8.08	2.66	1.00	0.328	2.657	8.090	1619.	42.	5.	758.7	32.1	1
1864	0	460	37.1076	89.2909	-939.5		QAL	6.10	5.48	0.80	0.898	6.862	7.641	1477.	44.	4.	757.6	32.2	1
1865	0	412	37.1076	89.2916	-939.0		QAL	6.88	2.83	0.84	0.411	3.364	8.186	1360.	45.	0.	758.7	32.2	1
1866	0	416	37.1076	89.2923	-936.2		QAL	7.38	1.65	0.92	0.224	1.800	8.040	1394.	35.	0.	759.7	32.3	1
1867	0	420	37.1076	89.2930	-938.5		QAL	7.66	2.36	1.01	0.308	2.334	7.576	1420.	31.	1.	758.7	32.4	1
1868	0	432	37.1076	89.2937	-941.0		QAL	7.46	2.83	0.87	0.379	3.267	8.612	1392.	35.	2.	758.7	32.4	1
1869	0	420	37.1076	89.2944	-940.0		QAL	8.17	1.76	0.84	0.216	2.106	9.761	1415.	30.	2.	759.7	32.4	1
1870	0	412	37.1076	89.2951	-938.2		QAL	5.29	2.12	1.15	0.400	1.838	4.601	1421.	43.	4.	758.7	32.3	1
1871	0	448	37.1076	89.2958	-942.2		QAL	6.16	3.39	1.58	0.551	2.153	3.909	1593.	47.	3.	758.7	32.3	1
1872	0	472	37.1076	89.2965	-943.2		QAL	7.92	2.24	1.66	0.283	1.350	4.778	1749.	36.	5.	759.7	32.3	1
1873	0	464	37.1076	89.2972	-939.7		QAL	8.12	1.98	1.84	0.244	1.074	4.406	1826.	34.	5.	759.7	32.3	1
1874	0	460	37.1076	89.2980	-938.0		QAL	7.41	1.61	1.72	0.218	0.939	4.314	1718.	39.	4.	758.7	32.4	1
1875	0	464	37.1076	89.2986	-938.0		QAL	8.39	2.62	1.41	0.313	1.865	5.967	1744.	42.	7.	758.7	32.4	1
1876	0	464	37.1076	89.2993	-940.0		QAL	6.62	2.11	1.94	0.319	1.089	3.416	1666.	39.	3.	759.7	32.4	1
1877	0	416	37.1075	89.3000	-939.2		QAL	5.29	3.23	0.94	0.610	3.443	5.642	1508.	30.	5.	759.7	32.4	1
1878	0	380	37.1075	89.3008	-938.5		QAL	6.74	1.94	0.88	0.288	2.197	7.624	1280.	42.	3.	758.7	32.4	1
1879	10	412	37.1075	89.3014	-939.2		QAL	7.05	1.28	1.39	0.0	0.0	5.062	1521.	31.	4.	758.1	32.4	1
1880	10	420	37.1075	89.3021	-937.7		QAL	6.07	1.14	1.17	0.0	0.0	5.185	1483.	58.	7.	758.7	32.4	1
1881	0	388	37.1075	89.3028	-933.0		QAL	5.43	1.68	0.91	0.310	1.841	5.936	1420.	35.	8.	759.7	32.4	1
1882	0	392	37.1075	89.3034	-936.0		QAL	6.44	2.18	1.29	0.338	1.689	4.991	1427.	32.	4.	758.7	32.4	1
1883	0	408	37.1075	89.3042	-939.2		QAL	5.99	2.86	1.04	0.478	2.762	5.782	1476.	38.	2.	758.7	32.3	1
1884	0	456	37.1075	89.3049	-940.7		QAL	7.28	3.46	1.44	0.475	2.405	5.060	1671.	44.	3.	759.7	32.3	1
1885	0	452	37.1075	89.3056	-941.7		QAL	5.88	3.94	1.29	0.670	3.045	4.546	1682.	31.	3.	758.7	32.2	1
1886	0	452	37.1075	89.3063	-942.0		QAL	6.49	2.57	1.69	0.396	1.521	3.841	1710.	35.	1.	758.7	32.2	1
1887	0	452	37.1075	89.3070	-941.5		QAL	8.12	2.09	1.27	0.257	1.647	6.398	1690.	38.	2.	760.7	32.2	1
1888	0	448	37.1075	89.3077	-941.2		QAL	9.59	2.53	1.57	0.264	1.606	6.094	1774.	40.	2.	760.2	32.2	1
1889	0	444	37.1075	89.3084	-939.7		QAL	8.06	3.58	1.29	0.444	2.767	6.226	1718.	42.	0.	758.1	32.2	1
1890	0	444	37.1075	89.3091	-939.5		QAL	8.11	2.83	1.55	0.349	1.823	5.216	1732.	34.	2.	759.2	32.2	1
1891	0	440	37.1075	89.3098	-942.5		QAL	5.86	3.68	1.58	0.629	2.340	3.722	1911.	41.	6.	759.7	32.2	1
1892	0	444	37.1075	89.3105	-942.2		QAL	7.62	3.03	1.61	0.397	1.879	4.728	1732.	39.	6.	759.7	32.3	1
1893	0	444	37.1075	89.3112	-939.5		QAL	7.45	2.80	1.46	0.376	1.925	5.117	1810.	37.	6.	760.7	32.3	1
1894	10	444	37.1075	89.3119	-939.5		QAL	9.70	-0.59	1.74	0.0	0.0	5.565	1944.	37.	9.	760.7	32.3	1
1895	10	448	37.1075	89.3125	-940.2		QAL	9.45	1.16	1.48	0.0	0.0	6.401	1857.	40.	8.	758.7	32.3	1
1896	0	448	37.1075	89.3133	-935.0		QAL	6.72	1.90	1.38	0.283	1.377	4.867	1780.	45.	8.	758.7	32.3	1
1897	0	448	37.1075	89.3140	-934.5		QAL	9.56	2.54	1.51	0.265	1.684	6.350	1760.	31.	7.	758.7	32.2	1
1898	0	452	37.1074	89.3146	-941.5		QAL	8.27	2.61	1.20	0.316	2.167	6.861	1682.	37.	6.	759.7	32.2	1
1899	0	452	37.1074	89.3154	-942.7		QAL	7.04	2.76	1.68	0.392	1.646	4.198	1746.	31.	10.	760.7	32.2	1
1900	0	448	37.1074	89.3161	-942.0		QAL	7.80	1.89	1.36	0.242	1.387	5.726	1652.	34.	7.	759.7	32.2	1
1901	0	452	37.1074	89.3168	-939.5		QAL	6.69	2.53	1.26	0.379	2.008	5.301	1658.	42.	6.	758.7	32.2	1
1902	10	424	37.1074	89.3174	-936.0		QAL	6.57	1.42	1.90	0.0	0.0	3.464	1616.	39.	7.	758.7	32.2	1
1903	0	376	37.1074	89.3181	-934.0		QAL	7.13	2.17	1.01	0.304	2.155	7.092	1482.	37.	5.	759.7	32.2	1
1904	10	432	37.1074	89.3188	-932.5		QAL	7.26	0.93	1.02	0.0	0.0	7.105	1600.	33.	7.	760.7	32.2	1
1905	10	452	37.1074	89.3196	-933.2		QAL	7.38	1.59	1.22	0.0	0.0	6.049	1596.	44.	9.	761.2	32.2	1
1906	0	396	37.1074	89.3202	-938.0		QAL	6.76	3.13	1.09	0.463	2.877	6.217	1525.	48.	3.	760.2	32.1	1
1907	0	416	37.1074	89.3209	-939.2		QAL	5.21	1.66	1.49	0.318	1.116	3.506	1554.	40.	8.	759.2	32.1	1
1908	0	456	37.1074	89.3217	-936.7		QAL	6.60	2.75	1.72	0.417	1.594	3.827	1751.	35.	3.	758.1	32.2	1

CP9 1P 12

* ID	TAGS QUAL	ALT	* LOCATION * LAT	LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
1909	0	460	37.1074	89.3224	-936.7		QAL	9.36	2.19	1.45	0.234	1.515	6.470	1753.	41.	5.	758.7	32.2	1
1910	0	460	37.1074	89.3230	-936.2		QAL	7.61	4.25	1.46	0.559	2.914	5.217	1801.	31.	4.	759.7	32.2	1
1911	0	464	37.1074	89.3237	-935.2		QAL	8.00	2.53	1.06	0.316	2.389	7.563	1698.	38.	7.	759.7	32.2	1
1912	0	436	37.1074	89.3245	-933.5		QAL	7.60	2.34	1.23	0.308	1.898	6.166	1549.	41.	4.	758.7	32.2	1
1913	0	396	37.1074	89.3252	-935.5		QAL	6.63	1.45	0.95	0.219	1.537	7.003	1350.	46.	4.	759.7	32.2	1
1914	0	400	37.1074	89.3258	-940.0		QAL	5.55	2.14	0.92	0.385	2.317	6.013	1221.	49.	4.	759.7	32.3	1
1915	10	408	37.1074	89.3266	-936.7		QAL	5.47	0.33	1.04	0.0	0.0	5.270	1119.	48.	4.	758.7	32.3	1
1916	10	444	37.1074	89.3272	-928.5		QAL	5.69	0.10	0.96	0.0	0.0	5.919	1158.	40.	7.	758.7	32.3	1
1917	0	476	37.1074	89.3279	-930.7		QAL	6.59	2.20	0.69	0.333	3.188	9.571	1029.	42.	8.	759.7	32.3	1
1918	10	480	37.107	89.3286	-930.2		QAL	5.12	0.62	0.73	0.0	0.0	7.046	891.	32.	6.	759.7	32.3	1
1919	10	484	37.107	89.3293	-927.7		QAL	3.82	0.63	0.61	0.0	0.0	6.256	703.	37.	7.	758.7	32.3	1
1920	10	484	37.1074	89.3299	-930.5		QAL	3.23	-0.43	0.68	0.0	0.0	4.740	697.	32.	11.	758.7	32.3	1
1921	10	484	37.1074	89.3306	-933.0		QAL	2.67	1.20	0.29	0.0	0.0	9.193	763.	42.	8.	757.6	32.2	1
1922	10	484	37.1074	89.3312	-928.2		QAL	4.31	1.20	0.73	0.0	0.0	5.929	946.	40.	6.	757.6	32.2	1
1923	0	476	37.1074	89.3319	-927.0		QAL	4.20	1.96	0.77	0.467	2.542	5.447	1024.	44.	2.	759.2	32.2	1
1924	10	472	37.1074	89.3326	-927.2		QAL	5.62	1.05	1.11	0.0	0.0	5.047	1099.	39.	5.	760.2	32.2	1
1925	0	468	37.1074	89.3333	-926.2		QAL	5.53	2.00	1.03	0.361	1.932	5.347	1232.	39.	3.	759.7	32.2	1
1926	10	464	37.1074	89.3339	-923.5		QAL	6.10	1.42	1.15	0.0	0.0	5.295	1382.	52.	5.	758.7	32.3	1
1927	0	460	37.1075	89.3346	-922.7		QAL	5.25	2.24	1.34	0.428	1.670	3.904	1523.	38.	3.	758.1	32.2	1
1928	0	456	37.1075	89.3352	-923.5		QAL	8.09	2.12	1.35	0.262	1.575	6.006	1497.	45.	1.	758.1	32.2	1
1929	0	456	37.1075	89.3359	-920.5		QAL	7.52	2.65	0.97	0.352	2.725	7.733	1554.	48.	5.	759.2	32.2	1
1930	10	452	37.1075	89.3365	-919.0		QAL	8.09	0.60	1.66	0.0	0.0	4.867	1577.	51.	7.	760.2	32.2	1
1931	0	448	37.1074	89.3372	-918.2		QAL	6.78	1.97	1.53	0.290	1.285	4.426	1584.	45.	6.	759.7	32.1	1
1932	10	448	37.1075	89.3379	-917.2		QAL	7.26	1.51	1.20	0.0	0.0	6.078	1530.	49.	4.	758.7	32.1	1
1933	0	448	37.1075	89.3386	-916.2		QAL	7.56	2.95	1.37	0.390	2.157	5.536	1582.	49.	1.	758.7	32.1	1
1934	0	452	37.1075	89.3392	-917.7		QAL	4.88	3.31	1.46	0.678	2.272	3.350	1610.	37.	5.	758.7	32.2	1
1935	0	452	37.1075	89.3399	-916.5		QAL	6.02	4.36	1.13	0.724	3.849	5.313	1643.	38.	2.	759.7	32.2	1
1936	0	456	37.1075	89.3406	-916.7		QAL	5.99	2.24	1.32	0.373	1.691	4.529	1615.	42.	4.	759.2	32.3	1
1937	0	464	37.1075	89.3412	-910.7		QAL	7.25	2.64	1.51	0.365	1.751	4.800	1715.	38.	0.	757.6	32.3	1
1938	0	464	37.1075	89.3419	-904.7		QAL	5.18	3.64	1.38	0.702	2.631	3.748	1682.	41.	1.	757.6	32.3	1
1939	0	472	37.1075	89.3425	-911.5		QAL	7.65	3.18	1.74	0.415	1.825	4.397	1779.	31.	0.	758.7	32.2	1
1940	0	472	37.1075	89.3432	-913.2		QAL	6.02	1.83	1.73	0.304	1.056	3.473	1758.	46.	2.	759.2	32.2	1
1941	0	468	37.1075	89.3439	-904.7		QAL	8.76	2.16	1.70	0.247	1.270	5.141	1836.	36.	2.	759.2	32.2	1
1942	0	464	37.1076	89.3445	-906.0		QAL	9.06	2.89	1.62	0.319	1.780	5.584	1801.	39.	0.	758.1	32.2	1
1943	10	464	37.1076	89.3452	-911.0		QAL	8.19	1.52	1.79	0.0	0.0	4.570	1782.	51.	2.	757.6	32.2	1
1944	0	460	37.1076	89.3459	-902.5		QAL	7.37	4.63	1.49	0.628	3.115	4.960	1768.	37.	3.	758.7	32.2	1
1945	0	452	37.1076	89.3465	-896.2		QAL	6.67	2.69	1.90	0.403	1.415	3.509	1738.	41.	3.	758.7	32.2	1
1946	0	452	37.1076	89.3472	-898.2		QAL	4.42	1.89	1.88	0.429	1.007	2.348	1642.	30.	6.	758.7	32.2	1
1947	0	448	37.1077	89.3479	-897.5		QAL	5.37	2.74	1.64	0.510	1.670	3.273	1741.	46.	6.	759.7	32.1	1
1948	10	444	37.1077	89.3485	-898.7		QAL	9.72	1.64	1.48	0.0	0.0	6.585	1759.	37.	7.	759.7	32.1	1
1949	0	444	37.1077	89.3492	-897.7		QAL	7.40	3.58	1.43	0.484	2.507	5.182	1759.	40.	5.	758.7	32.2	1
1950	0	444	37.1076	89.3498	-893.0		QAL	5.03	1.95	1.74	0.387	1.123	2.899	1623.	48.	6.	758.7	32.1	1
1951	0	444	37.1076	89.3505	-894.5		QAL	5.54	2.73	1.30	0.493	2.095	4.247	1610.	39.	10.	759.7	32.1	1
1952	0	444	37.1077	89.3512	-893.5		QAL	6.81	2.09	1.18	0.307	1.772	5.769	1590.	38.	9.	758.7	32.1	1
1953	0	436	37.1077	89.3519	-886.7		QAL	6.62	2.79	1.40	0.421	1.997	4.740	1520.	38.	6.	758.7	32.1	1
1954	0	432	37.1077	89.3525	-887.0		QAL	4.48	2.93	1.71	0.654	1.711	2.618	1622.	35.	8.	760.7	32.1	1
1955	0	444	37.1077	89.3532	-886.7		QAL	5.91	3.56	1.23	0.601	2.903	4.827	1588.	45.	9.	760.7	32.1	1
1956	0	448	37.1077	89.3538	-884.7		QAL	6.36	2.17	1.41	0.340	1.537	4.514	1666.	52.	9.	759.7	32.1	1
1957	10	452	37.1077	89.3545	-882.7		QAL	7.11	0.23	1.59	0.0	0.0	4.469	1711.	54.	7.	759.2	32.1	1
1958	0	456	37.1077	89.3551	-877.0		QAL	7.84	2.06	1.18	0.262	1.738	6.629	1647.	41.	11.	758.1	32.1	1
1959	10	460	37.1077	89.3558	-879.0		QAL	6.35	0.92	1.87	0.0	0.0	3.392	1721.	45.	8.	758.1	32.0	1
1960	0	456	37.1077	89.3565	-883.5		QAL	4.89	2.75	1.46	0.563	1.880	3.341	1624.	52.	6.	759.2	32.0	1
1961	10	456	37.1077	89.3571	-876.5		QAL	6.34	1.19	1.40	0.0	0.0	4.540	1599.	39.	7.	759.7	32.0	1

CP9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1962	0	444	37.1078	89.3578	-870.0	QAL	7.68	1.64	1.45	0.213	1.124	5.278	1653.	39.	5.	760.7	32.0	1
1963	0	448	37.1078	89.3585	-873.2	QAL	4.85	2.50	1.53	0.517	1.633	3.162	1621.	32.	7.	760.7	32.0	1
1964	0	452	37.1078	89.3591	-875.0	QAL	4.72	2.16	1.53	0.458	1.414	3.086	1684.	40.	10.	759.7	32.0	1
1965	10	448	37.1078	89.3598	-872.7	QAL	4.91	1.50	1.36	0.0	0.0	3.602	1560.	41.	11.	759.7	32.0	1
1966	0	448	37.1078	89.3605	-872.7	QAL	6.20	1.70	1.59	0.273	1.064	3.896	1560.	53.	8.	760.7	32.0	1
1967	0	448	37.1078	89.3611	-872.2	QAL	6.51	1.97	1.72	0.302	1.145	3.792	1532.	55.	10.	760.7	31.9	1
1968	0	452	37.1078	89.3618	-867.5	QAL	4.77	3.10	1.59	0.650	1.952	3.005	1576.	37.	10.	759.7	31.9	1
1969	0	448	37.1078	89.3625	-863.2	QAL	5.84	2.13	1.47	0.365	1.448	3.971	1535.	39.	10.	758.7	31.9	1
1970	10	444	37.1078	89.3632	-862.2	QAL	6.89	1.35	1.33	0.0	0.0	5.196	1572.	40.	13.	758.7	31.9	1
1971	0	440	37.1078	89.3638	-863.7	QAL	4.68	2.94	1.54	0.629	1.906	3.031	1540.	34.	8.	759.2	31.9	1
1972	10	444	37.1079	89.3645	-859.2	QAL	7.09	1.48	1.52	0.0	0.0	4.672	1645.	29.	9.	759.7	31.9	1
1973	10	440	37.1079	89.3651	-856.0	QAL	6.20	1.39	1.53	0.0	0.0	4.061	1688.	37.	11.	758.7	31.9	1
1974	0	440	37.1079	89.3658	-855.7	QAL	5.95	1.69	1.59	0.284	1.061	3.732	1662.	47.	12.	759.7	31.9	1
1975	0	440	37.1079	89.3664	-858.0	QAL	5.21	3.01	1.57	0.579	1.923	3.324	1653.	39.	5.	760.7	31.9	1
1976	0	440	37.1079	89.3671	-856.7	QAL	5.40	1.59	1.53	0.295	1.037	3.520	1636.	25.	7.	759.7	31.9	1
1977	0	440	37.1079	89.3678	-856.2	QAL	5.97	2.89	1.55	0.485	1.866	3.849	1668.	31.	6.	758.7	32.0	1
1978	0	444	37.1079	89.3685	-853.2	QAL	5.57	1.99	1.50	0.358	1.328	3.706	1664.	35.	5.	759.2	32.0	1
1979	0	452	37.1079	89.3691	-849.2	QAL	8.85	2.26	1.53	0.255	1.480	5.794	1685.	36.	5.	759.2	32.1	1
1980	0	452	37.1079	89.3698	-850.7	QAL	5.01	2.93	1.54	0.585	1.904	3.253	1558.	44.	4.	759.2	32.2	1
1981	0	460	37.1079	89.3705	-852.2	QAL	5.32	3.87	1.25	0.728	3.088	4.241	1696.	47.	4.	759.2	32.2	1
1982	0	460	37.1080	89.3711	-850.5	QAL	6.06	4.98	1.31	0.821	3.789	4.614	1600.	41.	4.	758.7	32.2	1
1983	0	456	37.1080	89.3717	-845.5	QAL	5.71	3.19	1.65	0.559	1.936	3.461	1633.	38.	3.	758.7	32.1	1
1984	0	452	37.1080	89.3724	-841.2	QAL	7.57	2.37	1.63	0.314	1.453	4.635	1802.	31.	5.	758.7	32.1	1
1985	0	452	37.1080	89.3731	-848.5	QAL	10.79	2.62	1.63	0.243	1.603	6.611	1786.	38.	1.	758.7	32.0	1
1986	0	448	37.1080	89.3738	-850.0	QAL	8.90	3.22	1.62	0.362	1.995	5.506	1763.	41.	2.	759.7	32.0	1
1987	0	444	37.1080	89.3744	-842.0	QAL	7.23	2.40	1.22	0.331	1.969	5.940	1795.	45.	7.	760.7	32.0	1
1988	0	444	37.1080	89.3751	-844.2	QAL	7.27	5.89	1.03	0.810	5.699	7.036	1678.	32.	0.	760.7	32.1	1
1989	10	444	37.1080	89.3758	-847.0	QAL	7.75	0.86	1.70	0.0	0.0	4.550	1699.	49.	6.	760.7	32.2	1
1990	0	444	37.1080	89.3764	-839.0	QAL	5.59	2.96	1.79	0.530	1.657	3.129	1746.	47.	8.	760.7	32.3	1
1991	0	444	37.1080	89.3770	-837.7	QAL	9.78	2.24	1.24	0.229	1.802	7.860	1775.	41.	8.	760.7	32.4	1
1992	0	460	37.1081	89.3777	-840.7	QAL	7.41	2.47	1.85	0.334	1.340	4.012	1810.	44.	4.	760.7	32.4	1
1993	0	460	37.1081	89.3784	-838.5	QAL	9.36	2.71	1.51	0.290	1.795	6.199	1924.	48.	11.	760.2	32.3	1
1994	0	460	37.1081	89.3790	-836.5	QAL	9.44	2.19	1.36	0.232	1.609	6.920	1947.	31.	10.	760.2	32.2	1
1995	10	460	37.1080	89.3797	-838.2	QAL	8.75	1.39	1.64	0.0	0.0	5.341	1924.	37.	11.	760.2	32.1	1
1996	0	460	37.1080	89.3804	-835.2	QAL	10.37	2.42	1.22	0.234	1.987	8.505	1843.	52.	6.	760.2	32.1	1
1997	0	460	37.1081	89.3811	-830.7	QAL	8.44	1.88	1.85	0.222	1.011	4.554	1810.	37.	9.	760.7	32.1	1
1998	0	460	37.1081	89.3817	-832.2	QAL	8.12	3.26	1.52	0.401	2.144	5.343	1817.	29.	8.	759.7	32.2	1
1999	0	460	37.1081	89.3823	-832.0	QAL	7.03	2.54	1.65	0.361	1.535	4.254	1727.	30.	8.	759.2	32.2	1
2000	10	460	37.1081	89.3831	-827.5	QAL	8.53	0.09	1.48	0.0	0.0	5.766	1564.	46.	4.	759.2	32.2	1
2001	10	460	37.1081	89.3837	-832.7	QAL	4.59	0.59	1.33	0.0	0.0	3.455	1351.	38.	9.	758.1	32.2	1
2002	10	464	37.1082	89.3844	-835.0	QAL	5.67	0.40	0.90	0.0	0.0	6.285	1133.	28.	8.	758.7	32.2	1
2003	10	468	37.1082	89.3851	-828.2	QAL	2.91	0.54	0.66	0.0	0.0	4.381	682.	46.	4.	759.7	32.2	1
2004	10	468	37.1082	89.3857	-829.2	(WATER)	2.39	-0.15	0.51	0.0	0.0	4.652	485.	42.	7.	758.7	32.2	1
2005	10	468	37.1082	89.3864	-833.7	(WATER)	1.75	0.45	0.18	0.0	0.0	9.707	349.	34.	3.	758.7	32.2	1
2006	111	464	37.1082	89.3870	-835.0	(WATER)	0.94	0.69	0.11	0.0	0.0	0.0	223.	34.	3.	758.7	32.2	1
2007	11	460	37.1082	89.3877	-831.5	(WATER)	1.58	0.01	0.03	0.0	0.0	0.0	183.	31.	6.	758.7	32.2	1
2008	111	456	37.1082	89.3884	-824.7	(WATER)	0.11	0.99	-0.00	0.0	0.0	0.0	130.	35.	2.	758.7	32.2	1
2009	111	456	37.1082	89.3890	-822.7	(WATER)	0.74	0.03	0.03	0.0	0.0	0.0	114.	36.	7.	758.7	32.2	1
2010	111	456	37.1082	89.3897	-825.5	(WATER)	0.39	-0.89	-0.00	0.0	0.0	0.0	74.	47.	8.	758.7	32.2	1
2011	111	452	37.1082	89.3904	-824.5	(WATER)	-0.11	0.92	-0.11	0.0	0.0	0.0	87.	33.	4.	758.7	32.2	1
2012	11	452	37.1082	89.3910	-825.2	(WATER)	1.43	-1.87	0.04	0.0	0.0	0.0	62.	43.	13.	758.7	32.2	1
2013	111	448	37.1082	89.3917	-826.2	(WATER)	0.60	-0.78	-0.05	0.0	0.0	0.0	109.	43.	11.	758.7	32.2	1
2014	111	444	37.1082	89.3923	-823.5	(WATER)	0.52	-0.93	0.02	0.0	0.0	0.0	133.	33.	12.	758.7	32.2	1

FLIGHT LINE 11 DAY 168 REDUCED DATA TEX-KENT 1979 PADUCAH

* ID	TAGS QUAL	ALT	LAT	* LOCATION LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	REDUCED DATA GROSS	COS	UAIR	PRESS	TEMP	SYS *
2015	111	440	37.1082	89.3931	-824.2	(WATER)	-0.03	-0.86	0.05	0.0	0.0	0.0	134.	38.	11.	758.7	32.2	1
2016	110	440	37.1082	89.3937	-825.5	(WATER)	-0.04	-0.74	0.25	0.0	0.0	0.0	212.	33.	11.	758.7	32.2	1
2017	10	444	37.1083	89.3943	-819.2	(WATER)	1.33	0.55	0.19	0.0	0.0	7.013	325.	37.	9.	758.7	32.3	1
2018	0	448	37.1083	89.3951	-820.7	QAL	3.92	1.81	0.41	0.463	4.415	9.530	698.	36.	11.	758.7	32.4	1
2019	10	448	37.1083	89.3957	-820.7	QAL	3.50	0.41	1.06	0.0	0.0	3.312	1031.	35.	8.	759.7	32.4	1
2020	0	460	37.1083	89.3963	-816.0	QAL	6.06	2.02	0.90	0.333	2.243	6.731	1257.	33.	9.	758.7	32.4	1
2021	10	468	37.1083	89.3970	-822.2	QAL	5.34	1.30	1.66	0.0	0.0	3.221	1451.	46.	5.	758.7	32.2	1
2022	0	468	37.1084	89.3977	-826.5	QAL	5.29	2.07	1.59	0.391	1.299	3.318	1421.	46.	4.	758.7	32.3	1
2023	0	472	37.1084	89.3983	-819.0	QAL	8.80	3.80	1.08	0.432	3.527	8.168	1533.	39.	6.	758.7	32.3	1
2024	0	476	37.1084	89.3990	-820.5	QAL	7.09	2.43	1.19	0.342	2.047	5.981	1600.	29.	8.	758.7	32.2	1
2025	0	472	37.1083	89.3996	-819.0	QAL	5.19	1.95	1.23	0.376	1.593	4.233	1510.	54.	11.	758.7	32.1	1
2026	10	464	37.1083	89.4004	-813.7	QAL	5.43	0.98	1.63	0.0	0.0	3.326	1600.	32.	12.	758.7	32.0	1
2027	0	452	37.1084	89.4010	-821.2	QAL	3.74	2.85	1.39	0.761	2.058	2.703	1536.	33.	11.	758.7	31.9	1
2028	0	444	37.1084	89.4016	-819.7	QAL	5.94	1.50	1.72	0.253	0.874	3.450	1550.	37.	9.	758.7	31.9	1
2029	10	440	37.1084	89.4023	-811.5	QAL	4.20	1.01	1.64	0.0	0.0	2.568	1392.	51.	9.	758.7	31.9	1
2030	0	436	37.1084	89.4030	-813.2	QAL	3.80	2.56	1.42	0.674	1.801	2.672	1450.	36.	9.	758.7	31.9	1
2031	0	428	37.1084	89.4037	-813.7	QAL	3.51	2.47	1.47	0.702	1.681	2.396	1357.	48.	8.	758.7	31.8	1
2032	0	428	37.1084	89.4043	-813.0	QAL	4.86	1.95	1.27	0.402	1.535	3.822	1448.	37.	10.	759.7	31.8	1
2033	0	424	37.1084	89.4050	-817.2	QAL	8.21	1.87	1.16	0.228	1.610	7.052	1491.	39.	11.	759.7	31.8	1
2034	0	424	37.1084	89.4057	-817.7	QAL	4.68	3.53	1.35	0.755	2.609	3.457	1437.	35.	9.	759.7	31.8	1
2035	0	424	37.1084	89.4063	-814.0	QAL	6.08	1.84	1.69	0.304	1.091	3.596	1592.	47.	6.	759.7	31.8	1
2036	10	424	37.1085	89.4069	-809.5	QAL	7.69	1.19	1.68	0.0	0.0	4.575	1594.	43.	8.	759.7	31.8	1
2037	0	420	37.1085	89.4076	-812.0	QAL	5.64	2.93	1.54	0.520	1.901	3.657	1550.	50.	9.	760.7	31.8	1
2038	0	420	37.1085	89.4083	-813.5	QAL	3.21	2.00	1.44	0.623	1.393	2.236	1470.	46.	12.	760.7	31.8	1
2039	0	420	37.1085	89.4089	-808.2	QAL	7.75	2.49	1.46	0.321	1.700	5.294	1586.	37.	9.	760.2	31.8	1
2040	10	420	37.1085	89.4096	-808.2	QAL	4.78	0.58	1.32	0.0	0.0	3.615	1496.	49.	12.	760.2	31.8	1
2041	10	424	37.1085	89.4103	-810.7	QAL	8.32	0.76	1.44	0.0	0.0	5.782	1508.	44.	10.	759.2	31.8	1
2042	0	424	37.1085	89.4110	-807.5	QAL	6.39	1.55	1.83	0.243	0.849	3.493	1562.	40.	5.	759.2	31.8	1
2043	0	424	37.1085	89.4116	-807.0	QAL	4.53	2.54	1.43	0.560	1.778	3.173	1609.	40.	8.	760.2	31.9	1
2044	10	428	37.1085	89.4122	-811.0	QAL	8.14	1.25	1.50	0.0	0.0	5.420	1606.	29.	4.	759.2	31.9	1
2045	0	428	37.1085	89.4129	-810.5	QAL	6.60	3.35	1.48	0.507	2.262	4.460	1655.	42.	2.	758.7	32.0	1
2046	10	428	37.1086	89.4136	-813.5	QAL	5.67	1.35	1.54	0.0	0.0	3.695	1615.	52.	8.	759.7	32.2	1
2047	0	436	37.1086	89.4142	-812.7	QAL	8.59	1.92	1.57	0.223	1.225	5.491	1680.	44.	7.	759.7	32.4	1
2048	10	440	37.1086	89.4150	-804.7	QAL	9.75	1.31	1.72	0.0	0.0	5.670	1830.	45.	9.	759.7	32.4	1
2049	10	444	37.1086	89.4156	-805.5	QAL	10.24	1.22	1.50	0.0	0.0	6.844	1809.	38.	7.	760.7	32.4	1
2050	10	444	37.1086	89.4163	-811.5	QAL	8.14	1.52	1.49	0.0	0.0	5.464	1742.	30.	13.	760.7	32.5	1
2051	0	452	37.1086	89.4169	-806.0	QAL	7.54	1.85	1.32	0.245	1.402	5.723	1754.	34.	13.	760.7	32.5	1
2052	10	460	37.1086	89.4176	-803.0	QAL	6.63	1.04	1.36	0.0	0.0	4.864	1760.	46.	17.	760.7	32.4	1
2053	10	464	37.1086	89.4182	-807.7	QAL	8.83	1.62	1.52	0.0	0.0	5.794	1838.	48.	15.	760.7	32.4	1
2054	0	464	37.1086	89.4189	-807.7	QAL	6.26	2.16	1.76	0.345	1.223	3.545	1808.	52.	20.	759.7	32.4	1
2055	10	468	37.1086	89.4195	-805.2	QAL	6.43	1.01	1.56	0.0	0.0	4.123	1779.	48.	16.	759.7	32.4	1
2056	0	476	37.1087	89.4202	-805.5	QAL	5.11	2.09	1.42	0.409	1.470	3.598	1775.	29.	17.	759.7	32.4	1
2057	0	480	37.1087	89.4209	-810.0	QAL	9.00	4.40	1.11	0.489	3.977	8.134	1865.	32.	14.	759.7	32.3	1
2058	10	484	37.1087	89.4216	-811.7	QAL	7.52	1.16	1.74	0.0	0.0	4.313	1845.	43.	19.	759.7	32.3	1
2059	10	484	37.1087	89.4222	-806.0	QAL	8.59	-0.86	1.95	0.0	0.0	4.409	1773.	47.	18.	759.7	32.4	1
2060	10	484	37.1087	89.4229	-805.2	QAL	9.27	-0.23	1.88	0.0	0.0	4.927	1856.	38.	16.	759.2	32.4	1
2061	0	484	37.1087	89.4236	-812.0	QAL	8.74	2.70	1.57	0.309	1.718	5.561	1840.	41.	12.	758.1	32.4	1
2062	0	484	37.1087	89.4242	-812.2	QAL	7.09	3.86	1.62	0.545	2.387	4.384	1847.	42.	8.	758.1	32.3	1
2063	0	484	37.1087	89.4249	-807.5	QAL	7.18	2.45	1.50	0.342	1.633	4.781	1849.	43.	8.	758.1	32.3	1
2064	0	480	37.1087	89.4256	-804.2	QAL	7.59	3.03	1.53	0.399	1.974	4.953	1874.	41.	5.	759.2	32.2	1
2065	0	480	37.1087	89.4262	-806.0	QAL	8.14	2.98	1.65	0.366	1.801	4.924	1874.	39.	5.	759.7	32.2	1
2066	0	480	37.1087	89.4269	-801.7	QAL	10.17	2.71	1.27	0.266	2.127	7.995	1787.	40.	6.	759.7	32.2	1
2067	0	472	37.1087	89.4276	-798.5	QAL	9.01	2.37	1.62	0.263	1.459	5.550	1861.	43.	6.	759.7	32.3	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2068	0	468	37.1087	89.4282	-806.0	QAL	5.77	2.92	1.16	0.505	2.519	4.984	1672.	39.	9.	758.7	32.2	1
2069	0	468	37.1087	89.4289	-807.2	QAL	6.00	2.22	1.15	0.370	1.930	5.215	1605.	44.	10.	758.7	32.2	1
2070	0	472	37.1087	89.4295	-807.5	QAL	6.56	3.26	1.27	0.497	2.566	5.160	1619.	37.	8.	758.7	32.2	1
2071	0	468	37.1088	89.4303	-810.0	QAL	7.45	3.50	1.25	0.470	2.795	5.947	1656.	52.	7.	759.7	32.2	1
2072	10	464	37.1088	89.4308	-800.5	QAL	7.00	1.47	1.58	0.0	0.0	4.444	1707.	47.	7.	760.2	32.2	1
2073	0	464	37.1088	89.4315	-797.5	QAL	7.74	2.71	1.41	0.350	1.926	5.496	1681.	40.	4.	759.2	32.1	1
2074	0	464	37.1088	89.4322	-809.0	QAL	8.07	2.98	1.32	0.369	2.261	6.133	1779.	28.	5.	758.7	32.1	1
2075	0	460	37.1088	89.4329	-805.5	QAL	8.29	3.05	1.38	0.368	2.214	6.012	1789.	43.	6.	758.7	32.1	1
2076	0	460	37.1088	89.4335	-801.5	QAL	7.04	4.85	1.33	0.689	3.635	5.278	1773.	52.	2.	758.7	32.1	1
2077	0	460	37.1088	89.4342	-809.0	QAL	8.74	2.07	1.22	0.236	1.690	7.149	1834.	43.	2.	758.7	32.1	1
2078	10	456	37.1088	89.4349	-804.2	QAL	11.10	1.22	1.64	0.0	0.0	6.777	1866.	35.	2.	759.2	32.2	1
2079	0	456	37.1088	89.4355	-797.7	QAL	8.45	3.07	1.52	0.363	2.010	5.542	1863.	43.	1.	760.2	32.2	1
2080	0	456	37.1088	89.4362	-802.7	QAL	10.30	3.18	1.42	0.309	2.235	7.243	1843.	36.	4.	760.2	32.3	1
2081	0	452	37.1089	89.4368	-806.7	QAL	7.73	3.86	1.32	0.499	2.911	5.836	1808.	43.	5.	759.7	32.2	1
2082	0	452	37.1089	89.4375	-807.2	QAL	10.08	3.00	1.28	0.298	2.343	7.863	1912.	42.	0.	759.7	32.3	1
2083	0	440	37.1089	89.4382	-804.7	QAL	7.35	4.27	1.38	0.581	3.097	5.330	1859.	35.	5.	759.2	32.2	1
2084	0	440	37.1089	89.4388	-802.5	QAL	7.80	2.05	1.58	0.263	1.295	4.930	1879.	34.	5.	758.7	32.3	1
2085	0	436	37.1089	89.4395	-806.2	QAL	10.86	2.10	1.51	0.193	1.385	7.178	1835.	44.	8.	758.7	32.3	1
2086	0	440	37.1089	89.4402	-808.5	QAL	8.69	4.40	1.12	0.506	3.937	7.778	1907.	33.	6.	759.2	32.3	1
2087	0	444	37.1089	89.4409	-806.2	QAL	9.81	3.12	1.41	0.318	2.217	6.982	2011.	37.	7.	760.2	32.3	1
2088	10	444	37.1089	89.4415	-805.0	QAL	11.98	1.54	1.52	0.0	0.0	7.871	1902.	39.	6.	761.2	32.4	1
2089	0	448	37.1089	89.4422	-803.5	QAL	9.52	2.15	1.27	0.225	1.692	7.510	1838.	36.	8.	760.2	32.3	1
2090	0	448	37.1089	89.4428	-806.7	QAL	10.70	2.52	1.49	0.236	1.689	7.162	1810.	47.	10.	759.2	32.3	1
2091	0	452	37.1090	89.4435	-810.0	QAL	7.70	3.25	1.79	0.421	1.810	4.296	1893.	38.	10.	758.1	32.4	1
2092	0	456	37.1090	89.4441	-804.7	QAL	9.19	2.94	1.35	0.320	2.183	6.830	1845.	20.	10.	758.7	32.4	1
2093	0	460	37.1090	89.4449	-805.5	QAL	8.15	2.50	1.34	0.307	1.862	6.071	1730.	35.	11.	759.7	32.4	1
2094	10	464	37.1090	89.4455	-807.5	QAL	10.53	1.25	1.40	0.0	0.0	7.526	1732.	38.	10.	759.7	32.4	1
2095	0	464	37.1090	89.4462	-803.2	QAL	5.51	1.99	1.35	0.361	1.469	4.069	1604.	37.	12.	759.7	32.3	1
2096	0	460	37.1090	89.4467	-805.2	QAL	8.20	4.56	1.04	0.556	4.373	7.860	1674.	45.	6.	759.7	32.4	1
2097	0	468	37.1090	89.4475	-811.0	QAL	6.94	3.78	1.19	0.545	3.174	5.824	1620.	38.	6.	758.7	32.4	1
2098	0	476	37.1090	89.4481	-808.5	QAL	6.34	3.33	1.24	0.525	2.694	5.128	1560.	44.	9.	758.7	32.3	1
2099	10	484	37.1090	89.4488	-809.5	QAL	7.19	0.64	1.32	0.0	0.0	5.442	1580.	37.	8.	758.7	32.3	1
2100	0	484	37.1090	89.4494	-814.5	QAL	5.87	3.03	1.08	0.516	2.813	5.449	1605.	37.	8.	759.7	32.3	1
2101	0	484	37.1091	89.4501	-816.0	QAL	7.26	2.39	1.43	0.330	1.669	5.066	1594.	34.	4.	759.7	32.3	1
2102	0	472	37.1091	89.4508	-810.5	QAL	8.45	2.49	1.74	0.295	1.433	4.856	1787.	31.	4.	758.7	32.3	1
2103	0	484	37.1091	89.4515	-804.7	QAL	8.62	3.57	1.35	0.414	2.638	6.366	1787.	43.	5.	758.7	32.3	1
2104	0	488	37.1091	89.4522	-806.2	QAL	9.12	4.31	1.72	0.472	2.498	5.292	1919.	38.	2.	758.7	32.2	1
2105	0	488	37.1091	89.4528	-807.2	QAL	6.80	5.23	1.62	0.769	3.233	4.204	1914.	43.	0.	759.7	32.2	1
2106	0	488	37.1091	89.4534	-807.5	QAL	7.00	3.23	1.58	0.462	2.050	4.434	1877.	46.	4.	759.7	32.2	1
2107	0	488	37.1091	89.4541	-814.0	QAL	8.03	3.43	1.78	0.427	1.926	4.511	1941.	42.	0.	758.7	32.1	1
2108	0	484	37.1091	89.4548	-816.5	QAL	8.61	4.08	1.48	0.474	2.755	5.812	1809.	37.	0.	758.7	32.0	1
2109	10	480	37.1091	89.4554	-812.2	QAL	9.13	1.50	1.50	0.0	0.0	6.076	1780.	49.	6.	758.7	31.9	1
2110	0	472	37.1091	89.4561	-809.5	QAL	8.06	2.02	1.54	0.251	1.313	5.232	1817.	45.	3.	758.7	31.9	1
2111	0	472	37.1092	89.4567	-809.0	QAL	6.93	2.99	1.86	0.432	1.614	3.737	1841.	31.	3.	759.7	31.9	1
2112	0	460	37.1092	89.4575	-809.5	QAL	8.18	2.73	1.81	0.333	1.509	4.524	1766.	41.	2.	760.7	32.0	1
2113	0	456	37.1091	89.4581	-808.2	QAL	8.67	3.03	1.44	0.350	2.109	6.025	1794.	44.	2.	759.7	32.0	1
2114	0	452	37.1091	89.4588	-809.5	QAL	7.97	2.92	1.44	0.366	2.026	5.528	1880.	36.	6.	758.7	32.0	1
2115	0	444	37.1091	89.4594	-814.5	QAL	7.57	3.41	1.46	0.451	2.332	5.173	1780.	48.	3.	758.7	31.9	1
2116	0	444	37.1092	89.4601	-813.0	QAL	7.13	2.88	1.61	0.403	1.786	4.428	1862.	28.	5.	760.7	32.0	1
2117	0	440	37.1092	89.4607	-810.5	QAL	7.97	1.89	1.80	0.238	1.050	4.420	1839.	43.	6.	760.7	32.0	1
2118	0	440	37.1092	89.4614	-817.2	QAL	9.27	2.79	1.46	0.301	1.906	6.333	1808.	36.	5.	758.7	32.1	1
2119	0	440	37.1092	89.4621	-813.5	QAL	4.45	3.09	1.50	0.694	2.067	2.977	1679.	39.	3.	758.7	32.1	1
2120	0	440	37.1092	89.4628	-807.5	QAL	6.04	2.59	1.68	0.428	1.542	3.604	1699.	38.	6.	760.7	32.1	1

CP9 1P12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2121	10	436	37.1092	89.4634	-813.0	QAL	5.88	1.40	1.36	0.0	0.0	4.312	1665.	40.	7.	760.7	32.0	1
2122	0	428	37.1092	89.4641	-809.7	QAL	5.32	2.14	1.74	0.402	1.230	3.061	1727.	35.	8.	758.7	32.0	1
2123	0	420	37.1092	89.4648	-808.2	QAL	6.93	2.17	1.60	0.313	1.353	4.321	1628.	35.	9.	759.7	32.0	1
2124	0	420	37.1092	89.4654	-813.7	QAL	6.70	1.48	1.50	0.220	0.982	4.457	1592.	49.	7.	760.7	32.0	1
2125	10	416	37.1092	89.4660	-812.2	QAL	5.54	0.68	1.56	0.0	0.0	3.558	1623.	37.	11.	760.2	32.0	1
2126	10	420	37.1093	89.4667	-810.7	QAL	6.65	1.27	1.61	0.0	0.0	4.129	1636.	34.	10.	761.2	32.0	1
2127	10	424	37.1093	89.4674	-812.0	QAL	6.33	1.43	1.53	0.0	0.0	4.149	1641.	36.	11.	761.8	32.0	1
2128	0	432	37.1093	89.4681	-809.7	QAL	4.04	2.62	1.42	0.648	1.849	2.852	1585.	45.	12.	759.7	32.0	1
2129	0	436	37.1093	89.4687	-806.0	QAL	6.83	1.79	1.56	0.262	1.147	4.377	1661.	45.	12.	758.1	31.9	1
2130	0	440	37.1093	89.4694	-801.2	QAL	7.59	1.69	1.75	0.222	0.965	4.344	1763.	43.	11.	760.2	31.9	1
2131	10	444	37.1093	89.4701	-803.0	QAL	6.57	1.45	1.52	0.0	0.0	4.337	1686.	45.	13.	761.2	31.9	1
2132	0	448	37.1093	89.4707	-806.2	QAL	8.26	3.75	1.42	0.454	2.639	5.809	1741.	37.	8.	759.2	31.8	1
2133	10	448	37.1093	89.4714	-808.5	QAL	7.32	0.90	1.64	0.0	0.0	4.472	1810.	48.	12.	758.1	31.8	1
2134	0	452	37.1093	89.4720	-809.0	QAL	5.16	2.96	1.62	0.575	1.824	3.175	1737.	41.	11.	759.7	31.8	1
2135	10	452	37.1093	89.4727	-805.7	QAL	7.60	1.38	1.67	0.0	0.0	4.553	1838.	45.	10.	760.7	31.8	1
2136	10	452	37.1094	89.4734	-801.0	QAL	8.41	0.98	1.50	0.0	0.0	5.621	1827.	47.	9.	759.7	31.8	1
2137	0	448	37.1094	89.4740	-799.5	QAL	9.06	3.29	1.12	0.363	2.933	8.082	1802.	29.	7.	758.7	31.7	1
2138	0	444	37.1094	89.4747	-803.5	QAL	5.79	3.66	1.12	0.632	3.260	5.159	1727	35.	3.	759.7	31.7	1
2139	0	444	37.1094	89.4754	-804.2	QAL	7.26	5.65	1.33	0.779	4.241	5.447	1781.	29.	4.	760.7	31.6	1
2140	0	440	37.1094	89.4760	-801.7	QAL	8.28	3.25	1.41	0.393	2.309	5.883	1815.	33.	4.	760.7	31.7	1
2141	0	436	37.1094	89.4767	-801.7	QAL	9.28	2.50	1.49	0.269	1.680	6.246	1795.	41.	5.	758.7	31.7	1
2142	0	436	37.1094	89.4774	-802.7	QAL	7.03	2.28	1.61	0.324	1.415	4.362	1645.	28.	3.	758.7	31.7	1
2143	0	428	37.1094	89.4780	-802.2	QAL	7.18	3.36	1.21	0.468	2.787	5.956	1682.	46.	6.	760.7	31.7	1
2144	10	428	37.1094	89.4787	-801.0	QAL	7.29	0.84	1.60	0.0	0.0	4.561	1658.	45.	9.	761.2	31.7	1
2145	0	424	37.1094	89.4793	-797.0	QAL	5.21	2.74	1.66	0.527	1.649	3.129	1705.	40.	8.	759.7	31.7	1
2146	0	428	37.1095	89.4800	-793.2	QAL	8.19	2.26	1.28	0.276	1.762	6.374	1751.	31.	7.	759.7	31.7	1
2147	0	432	37.1094	89.4806	-794.0	QAL	8.71	3.49	1.29	0.401	2.709	6.753	1763.	43.	4.	759.2	31.8	1
2148	0	436	37.1094	89.4812	-789.5	QAL	7.99	3.10	1.59	0.388	1.950	5.033	1707.	28.	7.	759.2	31.8	1
2149	0	440	37.1094	89.4819	-791.0	QAL	8.99	1.70	1.43	0.190	1.195	6.305	1693.	31.	6.	760.2	31.8	1
2150	0	444	37.1094	89.4825	-792.5	QAL	8.39	3.03	1.12	0.361	2.714	7.509	1638.	49.	8.	760.2	31.9	1
2151	0	448	37.1094	89.4832	-787.0	QAL	7.81	1.67	1.39	0.214	1.201	5.604	1725.	44.	8.	760.2	32.0	1
2152	0	452	37.1094	89.4837	-787.0	QAL	7.40	1.62	1.37	0.219	1.186	5.406	1615.	35.	5.	760.2	32.0	1
2153	10	460	37.1094	89.4844	-788.7	QAL	8.64	0.44	1.43	0.0	0.0	6.035	1683.	36.	8.	758.7	32.1	1
2154	0	464	37.1094	89.4850	-784.2	QAL	7.25	3.03	1.45	0.418	2.092	5.008	1720.	42.	8.	758.7	32.3	1
2155	10	468	37.1094	89.4857	-784.5	QAL	7.26	0.92	1.45	0.0	0.0	4.997	1705.	33.	8.	760.7	32.3	1
2156	10	476	37.1094	89.4863	-784.0	QAL	7.33	1.60	1.21	0.0	0.0	6.069	1679.	35.	12.	760.2	32.2	1
2157	0	472	37.1095	89.4870	-780.0	QAL	8.04	2.51	1.40	0.312	1.787	5.731	1798.	37.	11.	759.2	32.1	1
2158	10	476	37.1095	89.4876	-778.0	QAL	8.39	1.19	1.49	0.0	0.0	5.615	1798.	30.	13.	759.2	32.1	1
2159	10	480	37.1095	89.4882	-778.0	QAL	8.71	0.62	1.32	0.0	0.0	6.603	1739.	39.	14.	759.2	32.0	1
2160	10	480	37.1095	89.4888	-779.5	QAL	11.02	-0.70	1.71	0.0	0.0	6.443	1755.	43.	13.	759.2	31.8	1
2161	10	480	37.1095	89.4895	-776.2	QAL	8.73	1.54	1.32	0.0	0.0	6.633	1818.	38.	8.	759.2	31.8	1
2162	0	476	37.1095	89.4901	-769.7	QAL	9.21	1.98	1.45	0.216	1.369	6.354	1771.	36.	9.	758.7	31.7	1
2163	0	472	37.1095	89.4908	-770.2	QAL	8.84	2.48	1.53	0.280	1.623	5.795	1691.	43.	10.	759.7	31.7	1
2164	0	468	37.1095	89.4913	-772.7	QAL	7.31	2.69	1.35	0.369	1.994	5.411	1676.	38.	4.	759.7	31.7	1
2165	10	464	37.1095	89.4920	-768.5	QAL	8.35	-0.09	1.57	0.0	0.0	5.331	1539.	45.	7.	758.7	31.7	1
2166	10	456	37.1095	89.4927	-767.0	QAL	6.64	1.11	1.46	0.0	0.0	4.546	1509.	44.	7.	760.2	31.7	1
2167	10	456	37.1095	89.4933	-765.0	QAL	10.43	0.59	1.24	0.0	0.0	8.405	1562.	33.	6.	760.2	31.6	1
2168	0	456	37.1095	89.4939	-765.2	QAL	6.82	2.32	1.33	0.341	1.742	5.117	1619.	45.	9.	759.2	31.7	1
2169	10	456	37.1095	89.4946	-763.5	QAL	8.45	0.82	1.15	0.0	0.0	7.376	1613.	38.	12.	760.2	31.7	1
2170	0	452	37.1095	89.4952	-761.2	QAL	5.46	2.39	1.01	0.438	2.368	5.407	1468.	43.	11.	760.2	31.6	1
2171	10	452	37.1095	89.4958	-764.0	QAL	6.68	0.15	0.97	0.0	0.0	6.910	1462.	41.	13.	759.7	31.6	1
2172	0	448	37.1095	89.4964	-753.5	QAL	5.11	2.45	0.72	0.478	3.417	7.142	1362.	47.	9.	760.2	31.7	1
2173	10	444	37.1095	89.4971	-743.5	QAL	6.84	0.35	1.12	0.0	0.0	6.124	1239.	46.	9.	759.2	31.7	1

CP9 LP 12

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2174	10	428	37.1095	89.4977	-751.2	QAL	3.63	0.47	1.20	0.0	0.0	3.019	1113.	43.	12.	760.2	31.7	1
2175	10	424	37.1095	89.4984	-753.2	QAL	2.76	1.19	0.93	0.0	0.0	2.951	1031.	33.	13.	761.2	31.7	1
2176	10	428	37.1095	89.4989	-749.0	QAL	1.93	0.96	1.09	0.0	0.0	1.768	1040.	54.	13.	760.2	31.7	1
2177	10	428	37.1095	89.4996	-747.7	QAL	3.33	0.65	1.40	0.0	0.0	2.380	1120.	29.	11.	759.7	31.7	1
2178	10	432	37.1095	89.5002	-745.5	QAL	2.97	0.37	1.14	0.0	0.0	2.593	974.	52.	9.	759.7	31.7	1
2179	10	432	37.1095	89.5009	-745.5	QAL	4.22	1.32	1.12	0.0	0.0	3.754	1100.	43.	7.	759.2	31.8	1
2180	10	436	37.1095	89.5015	-746.2	QAL	3.34	-0.83	1.19	0.0	0.0	2.803	1086.	26.	12.	759.2	31.8	1
2181	10	440	37.1095	89.5022	-745.0	QAL	2.53	1.17	1.13	0.0	0.0	2.244	1018.	41.	5.	758.7	31.8	1
2182	10	444	37.1095	89.5028	-741.7	QAL	3.22	-0.67	1.40	0.0	0.0	2.301	1056.	39.	10.	759.2	31.8	1
2183	0	448	37.1095	89.5034	-735.7	QAL	2.10	2.33	1.23	1.109	1.903	1.715	1047.	40.	6.	760.2	32.0	1
2184	10	448	37.1095	89.5040	-731.2	QAL	2.36	0.15	1.15	0.0	0.0	2.051	1022.	48.	10.	760.7	31.8	1
2185	0	444	37.1095	89.5047	-730.2	QAL	2.74	1.59	0.97	0.581	1.632	2.810	1019.	32.	4.	759.7	31.8	1
2186	10	444	37.1095	89.5053	-727.0	QAL	3.17	0.96	1.00	0.0	0.0	3.176	1078.	41.	4.	759.2	31.8	1
2187	10	440	37.1095	89.5060	-724.2	QAL	3.43	0.73	1.40	0.0	0.0	2.449	1140.	32.	7.	759.7	31.7	1
2188	0	440	37.1095	89.5065	-724.7	QAL	2.60	1.60	1.14	0.616	1.408	2.285	1081.	49.	0.	760.2	31.7	1
2189	0	436	37.1095	89.5072	-727.7	QAL	3.02	1.42	1.28	0.471	1.116	2.368	1044.	32.	3.	759.7	31.7	1
2190	0	436	37.1096	89.5079	-721.2	QAL	3.04	1.49	0.99	0.491	1.509	3.076	1005.	43.	5.	759.7	31.8	1
2191	0	440	37.1096	89.5085	-710.5	QAL	3.28	1.85	1.22	0.564	1.522	2.698	1034.	44.	0.	759.7	31.9	1
2192	10	448	37.1095	89.5091	-712.7	QAL	2.44	0.69	1.25	0.0	0.0	1.958	1019.	49.	3.	759.7	31.9	1
2193	0	460	37.1095	89.5098	-717.5	QAL	3.27	2.69	1.12	0.821	2.391	2.913	1075.	33.	3.	759.7	31.9	1
2194	10	472	37.1095	89.5104	-713.0	QAL	2.09	0.06	1.47	0.0	0.0	1.419	1098.	32.	9.	760.2	31.9	1
2195	10	476	37.1095	89.5110	-708.2	QAL	2.22	1.25	1.06	0.0	0.0	2.091	1022.	40.	8.	759.7	31.8	1
2196	10	480	37.1095	89.5116	-707.0	QAL	2.65	0.64	1.24	0.0	0.0	2.145	991.	38.	7.	758.7	31.9	1
2197	0	484	37.1095	89.5123	-704.5	QAL	2.55	1.63	1.21	0.639	1.348	2.108	1059.	35.	5.	759.7	32.0	1
2198	0	488	37.1095	89.5129	-704.7	QAL	1.44	2.50	1.04	1.732	2.395	1.383	1019.	44.	4.	759.7	32.1	1
2199	10	492	37.1095	89.5136	-709.7	QAL	2.14	0.36	1.20	0.0	0.0	1.787	936.	49.	8.	758.7	32.1	1
2200	10	496	37.1095	89.5141	-707.5	QAL	1.97	0.14	1.15	0.0	0.0	1.710	1008.	47.	7.	757.6	32.0	1
2201	10	500	37.1096	89.5148	-700.5	QAL	3.21	0.10	1.10	0.0	0.0	2.928	1088.	37.	6.	758.7	32.0	1
2202	10	504	37.1096	89.5154	-698.2	QAL	5.06	-1.36	1.14	0.0	0.0	4.433	1024.	43.	7.	759.7	31.9	1
2203	10	500	37.1096	89.5161	-698.5	QAL	3.26	0.95	1.14	0.0	0.0	2.863	1031.	37.	6.	758.7	31.8	1
2204	10	500	37.1096	89.5167	-698.0	QAL	3.91	-0.14	1.27	0.0	0.0	3.072	1076.	36.	9.	757.6	31.8	1
2205	0	492	37.1096	89.5173	-698.7	QAL	2.35	1.77	0.96	0.754	1.847	2.451	1116.	41.	9.	759.2	31.7	1
2206	10	488	37.1096	89.5180	-690.0	QAL	2.81	-0.13	1.17	0.0	0.0	2.408	1080.	48.	10.	759.2	31.7	1
2207	10	480	37.1096	89.5186	-683.5	QAL	3.60	-0.54	1.38	0.0	0.0	2.608	1113.	28.	11.	758.1	31.6	1
2208	10	472	37.1096	89.5192	-692.0	QAL	3.43	1.00	1.19	0.0	0.0	2.875	1208.	35.	11.	759.2	31.7	1
2209	0	468	37.1096	89.5199	-694.7	QAL	2.79	2.11	1.25	0.757	1.688	2.229	1205.	46.	9.	760.2	31.6	1
2210	10	464	37.1096	89.5205	-691.0	QAL	3.45	1.35	1.35	0.0	0.0	2.546	1308.	39.	8.	758.1	31.6	1
2211	10	456	37.1096	89.5212	-690.0	QAL	5.45	0.74	1.28	0.0	0.0	4.276	1287.	40.	8.	759.2	31.6	1
2212	0	452	37.1096	89.5217	-687.7	QAL	5.84	1.69	0.83	0.290	2.042	7.045	1274.	39.	8.	760.7	31.6	1
2213	0	448	37.1096	89.5224	-682.2	QAL	5.17	1.88	1.24	0.364	1.516	4.164	1292.	35.	7.	758.7	31.6	1
2214	0	444	37.1096	89.5230	-683.5	QAL	5.09	1.63	0.99	0.320	1.650	5.156	1262.	38.	6.	758.7	31.7	1
2215	10	440	37.1096	89.5237	-684.7	QAL	7.31	0.63	0.99	0.0	0.0	7.404	1189.	51.	5.	760.2	31.7	1
2216	0	444	37.1096	89.5244	-679.0	QAL	3.68	3.50	1.07	0.952	3.274	3.439	1220.	38.	4.	759.2	31.7	1
2217	0	440	37.1096	89.5249	-681.2	QAL	3.65	2.16	1.09	0.593	1.977	3.333	1185.	40.	1.	759.2	31.7	1
2218	0	436	37.1096	89.5255	-685.7	QAL	3.52	2.68	1.31	0.763	2.045	2.680	1166.	33.	2.	760.2	31.8	1
2219	10	436	37.1096	89.5262	-675.2	QAL	3.67	1.06	1.47	0.0	0.0	2.505	1169.	37.	6.	759.2	31.8	1
2220	0	432	37.1096	89.5268	-678.7	QAL	3.73	1.64	1.25	0.439	1.311	2.987	1257.	47.	2.	759.2	31.8	1
2221	0	436	37.1096	89.5275	-688.7	QAL	5.67	2.20	1.27	0.389	1.739	4.471	1409.	27.	1.	759.7	31.8	1
2222	0	440	37.1096	89.5281	-681.2	QAL	4.83	2.03	1.54	0.420	1.315	3.128	1545.	43.	1.	759.7	31.8	1
2223	0	436	37.1096	89.5288	-678.2	KU	7.30	2.56	1.18	0.351	2.173	6.198	1518.	34.	0.	760.2	31.8	1
2224	0	432	37.1096	89.5293	-685.7	KU	6.40	3.22	0.93	0.503	3.466	6.894	1464.	51.	1.	759.2	31.8	1
2225	0	428	37.1096	89.5300	-682.2	KU	8.70	4.66	1.08	0.535	4.310	8.053	1592.	40.	0.	758.7	31.7	1
2226	0	420	37.1096	89.5306	-681.2	KU	6.91	2.61	1.37	0.378	1.910	5.055	1589.	33.	8.	760.7	31.7	1

FLIGHT LINE 11 DAY 168 REDUCED DATA TEX-KENT 1979 PADUCAH

* ID	TAGS QUAL	ALT	* LOCATION LAT	LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
2227	0	412	37.1096	89.5313	-687.7		KU	6.84	2.78	0.99	0.406	2.805	6.908	1504.	37.	7.	759.7	31.7	1
2228	0	404	37.1096	89.5319	-687.2		KU	8.42	2.42	1.18	0.288	2.047	7.114	1670.	25.	8.	758.1	31.7	1
2229	0	392	37.1096	89.5325	-684.5		KU	8.04	2.25	1.13	0.280	1.995	7.121	1614.	46.	10.	760.7	31.7	1
2230	0	376	37.1096	89.5332	-687.5		KU	7.81	4.93	0.77	0.632	6.408	10.146	1656.	40.	7.	760.7	31.7	1
2231	0	356	37.1096	89.5338	-687.0		KU	8.89	2.03	1.32	0.229	1.544	6.749	1654.	48.	9.	759.7	31.6	1
2232	0	344	37.1096	89.5344	-683.0		KU	7.82	1.80	1.41	0.230	1.272	5.530	1638.	44.	10.	760.7	31.6	1
2233	0	336	37.1096	89.5350	-679.0		KU	8.25	1.82	1.06	0.221	1.727	7.817	1491.	41.	8.	760.2	31.6	1
2234	0	344	37.1096	89.5357	-643.5		KU	6.16	2.72	1.12	0.441	2.430	5.506	1422.	36.	6.	758.7	31.6	1
2235	0	332	37.1097	89.5364	-600.5		KU	6.46	1.76	1.27	0.273	1.386	5.081	1478.	45.	4.	760.2	31.6	1
2236	0	320	37.1097	89.5369	-628.7		KU	7.58	2.81	1.28	0.371	2.196	5.925	1527.	38.	3.	759.7	31.6	1
2237	0	332	37.1096	89.5376	-685.5		KU	7.21	2.34	1.35	0.325	1.732	5.333	1673.	53.	2.	759.7	31.7	1
2238	0	344	37.1096	89.5382	-697.0		KU	8.69	3.43	1.43	0.395	2.396	6.072	1762.	41.	0.	760.7	31.8	1
2239	0	344	37.1096	89.5389	-693.0		KU	8.65	3.29	1.58	0.381	2.079	5.462	1849.	36.	0.	759.2	31.8	1
2240	0	344	37.1096	89.5396	-699.5		KU	8.52	3.75	1.48	0.440	2.523	5.735	1842.	40.	0.	758.7	31.9	1
2241	0	344	37.1096	89.5401	-695.2		KU	9.98	3.68	1.39	0.368	2.643	7.177	1860.	36.	1.	759.7	32.0	1
2242	0	348	37.1096	89.5407	-688.7		KU	7.74	3.18	1.46	0.411	2.177	5.301	1780.	41.	3.	759.2	32.2	1
2243	0	352	37.1096	89.5414	-695.2		KU	6.94	2.85	1.46	0.411	1.962	4.773	1779.	38.	4.	759.2	32.3	1
2244	0	356	37.1096	89.5420	-705.7		KU	9.19	2.71	1.37	0.295	1.983	6.728	1835.	35.	4.	759.2	32.3	1
2245	0	356	37.1096	89.5427	-707.0		KU	9.45	2.77	1.48	0.293	1.866	6.365	1817.	31.	4.	758.7	32.2	1
2246	0	360	37.1097	89.5433	-702.5		KU	6.09	4.23	1.27	0.695	3.334	4.794	1837.	44.	5.	759.7	32.1	1
2247	0	364	37.1097	89.5440	-704.7		KU	8.89	3.89	1.15	0.437	3.383	7.743	1773.	35.	4.	760.7	32.1	1
2248	0	368	37.1097	89.5445	-711.0		KU	8.12	2.05	1.43	0.253	1.436	5.686	1724.	42.	8.	759.7	32.0	1
2249	0	372	37.1097	89.5452	-717.0		KU	5.86	3.49	1.60	0.597	2.185	3.662	1871.	51.	9.	759.7	31.9	1
2250	0	368	37.1097	89.5458	-715.0		KU	7.79	2.95	1.38	0.379	2.144	5.659	1951.	42.	8.	760.7	31.9	1
2251	0	364	37.1097	89.5465	-710.5		KU	7.44	2.96	1.63	0.398	1.816	4.557	1829.	44.	5.	759.2	31.8	1
2252	0	368	37.1097	89.5471	-715.7		KU	7.69	2.04	1.56	0.266	1.310	4.929	1791.	33.	8.	759.2	31.8	1
2253	0	372	37.1097	89.5477	-720.2		KU	8.94	4.05	1.12	0.453	3.613	7.977	1821.	49.	5.	759.7	31.8	1
2254	10	372	37.1097	89.5484	-719.7		KU	9.85	1.24	1.69	0.0	0.0	5.843	1860.	41.	7.	759.7	31.8	1
2255	0	368	37.1097	89.5490	-721.7		KU	7.67	3.35	1.27	0.436	2.637	6.046	1861.	29.	1.	760.7	31.8	1
2256	0	364	37.1096	89.5496	-724.0		KU	8.37	1.96	1.64	0.234	1.196	5.104	1838.	40.	1.	759.7	31.8	1
2257	0	356	37.1097	89.5502	-725.0		KU	9.28	4.64	1.30	0.500	3.578	7.159	1870.	37.	0.	758.1	31.8	1
2258	0	348	37.1097	89.5509	-732.0		KU	8.32	3.86	1.73	0.464	2.235	4.814	1910.	40.	1.	759.2	31.8	1
2259	0	348	37.1097	89.5515	-733.0		KU	8.98	3.22	1.42	0.359	2.265	6.310	1846.	51.	0.	759.7	31.8	1
2260	0	356	37.1097	89.5522	-731.5		KU	7.55	2.92	1.55	0.387	1.890	4.883	1865.	44.	3.	758.7	31.8	1
2261	0	380	37.1097	89.5528	-735.2		KU	6.95	2.01	1.63	0.289	1.231	4.257	1823.	30.	6.	759.7	31.8	1
2262	0	396	37.1097	89.5534	-736.7		KU	7.71	2.77	1.38	0.360	2.017	5.601	1841.	43.	8.	759.2	31.8	1
2263	0	404	37.1097	89.5541	-739.0		KU	8.24	2.22	1.52	0.269	1.463	5.441	1876.	35.	12.	758.1	31.9	1
2264	0	404	37.1097	89.5547	-743.2		KU	8.46	2.21	1.32	0.262	1.682	6.423	1776.	40.	11.	759.2	31.9	1
2265	10	404	37.1097	89.5553	-742.0		KU	8.87	1.49	1.46	0.0	0.0	6.065	1811.	28.	11.	760.2	32.0	1
2266	0	400	37.1097	89.5560	-744.5		KU	6.81	4.65	1.16	0.683	3.996	5.851	1850.	27.	9.	759.2	31.9	1
2267	0	396	37.1097	89.5566	-750.0		KU	8.23	3.46	1.39	0.420	2.487	5.920	1767.	40.	8.	759.2	31.8	1
2268	0	396	37.1097	89.5572	-749.5		KU	8.26	1.69	1.48	0.205	1.145	5.597	1736.	53.	7.	759.2	31.9	1
2269	0	400	37.1097	89.5578	-751.0		KU	6.17	4.36	1.33	0.706	3.284	4.649	1760.	37.	5.	759.2	31.9	1
2270	0	396	37.1097	89.5585	-746.7		KU	8.27	2.00	1.64	0.242	1.223	5.044	1788.	47.	1.	759.2	31.8	1
2271	0	388	37.1097	89.5592	-749.0		KU	9.31	3.75	1.34	0.403	2.798	6.950	1816.	35.	0.	758.7	31.9	1
2272	0	384	37.1097	89.5598	-759.7		KU	8.52	2.63	1.35	0.309	1.954	6.321	1754.	41.	0.	758.7	31.9	1
2273	0	380	37.1097	89.5603	-756.7		KU	7.95	3.48	1.54	0.438	2.258	5.159	1793.	35.	0.	759.7	31.8	1
2274	0	376	37.1097	89.5610	-753.7		KU	8.18	2.77	1.54	0.339	1.801	5.313	1767.	38.	0.	759.7	31.8	1
2275	0	372	37.1097	89.5617	-766.2		KU	8.10	5.42	1.08	0.669	5.006	7.480	1764.	35.	0.	758.7	31.8	1
2276	0	372	37.1097	89.5623	-771.0		KU	7.22	2.59	1.15	0.359	2.255	6.290	1560.	40.	3.	758.7	31.8	1
2277	0	364	37.1097	89.5629	-768.0		KU	8.77	1.61	1.41	0.183	1.141	6.225	1590.	50.	3.	759.7	31.7	1
2278	0	360	37.1097	89.5636	-769.2		KU	4.74	2.81	1.34	0.592	2.095	3.540	1605.	53.	6.	758.7	31.7	1
2279	10	348	37.1097	89.5642	-767.2		KU	10.68	1.32	1.47	0.0	0.0	7.271	1750.	42.	6.	758.7	31.6	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2280	0	340	37.1097	89.5648	-771.7		KU	9.98	1.80	1.14	0.180	1.581	8.766	1771.	39.	5.	759.7	31.7	1
2281	0	352	37.1097	89.5654	-782.2		KU	5.98	4.81	1.25	0.804	3.853	4.793	1753.	43.	3.	758.1	31.6	1
2282	10	352	37.1097	89.5661	-782.5		KU	7.83	1.17	1.33	0.0	0.0	5.878	1630.	40.	10.	757.1	31.6	1
2283	10	348	37.1097	89.5667	-782.0		KU	6.94	0.84	1.11	0.0	0.0	6.242	1513.	30.	10.	758.1	31.6	1
2284	10	352	37.1097	89.5674	-784.7		KU	6.19	0.48	1.16	0.0	0.0	5.330	1371.	52.	10.	757.1	31.6	1
2285	0	380	37.1097	89.5680	-786.7		KU	5.07	2.94	1.24	0.580	2.370	4.084	1367.	45.	10.	758.1	31.5	1
2286	0	396	37.1097	89.5686	-790.0		KU	5.82	1.55	0.89	0.266	1.749	6.573	1391.	46.	8.	759.2	31.5	1
2287	0	404	37.1097	89.5693	-792.5		KU	4.69	1.46	1.14	0.310	1.277	4.118	1420.	44.	12.	757.1	31.4	1
2288	10	404	37.1097	89.5699	-793.5		KU	7.61	0.74	1.37	0.0	0.0	5.550	1491.	29.	14.	757.1	31.3	1
2289	0	424	37.1097	89.5705	-794.0		KU	4.94	3.16	1.24	0.639	2.547	3.985	1536.	48.	11.	758.1	31.3	1
2290	0	484	37.1097	89.5712	-799.0		KU	7.10	4.40	1.18	0.620	3.743	6.039	1716.	41.	6.	757.1	31.2	1
2291	0	492	37.1098	89.5718	-800.7		KU	8.46	3.61	1.18	0.426	3.063	7.181	1790.	50.	7.	756.6	31.1	1
2292	0	472	37.1098	89.5724	-797.5		KU	6.11	1.81	1.75	0.297	1.035	3.489	1776.	41.	8.	757.6	31.1	1
2293	0	448	37.1098	89.5730	-798.7		KU	7.43	4.28	1.47	0.576	2.916	5.060	1786.	52.	3.	757.1	31.1	1
2294	0	428	37.1098	89.5737	-802.0		QTC-1	8.20	4.10	1.29	0.500	3.170	6.342	1754.	49.	0.	756.1	31.1	1
2295	0	416	37.1097	89.5744	-803.0		QTC-1	8.74	4.56	1.24	0.522	3.672	7.038	1822.	39.	0.	756.6	31.1	1
2296	0	412	37.1097	89.5750	-802.5		QTC-1	7.37	3.45	1.24	0.468	2.769	5.920	1684.	39.	1.	756.6	31.1	1
2297	0	404	37.1097	89.5755	-802.5		QTC-1	8.15	2.72	1.17	0.334	2.325	6.952	1683.	40.	0.	756.1	31.2	1
2298	0	404	37.1097	89.5762	-806.7		QTC-1	8.34	1.77	1.24	0.212	1.433	6.747	1652.	44.	4.	757.1	31.2	1
2299	0	424	37.1097	89.5769	-810.7		QTC-1	7.52	3.69	1.26	0.490	2.926	5.967	1701.	41.	1.	757.1	31.2	1
2300	0	436	37.1097	89.5775	-808.5		QTC-1	8.73	3.27	1.44	0.375	2.278	6.079	1793.	38.	7.	756.1	31.2	1
2301	0	432	37.1097	89.5781	-807.0		QTC-1	6.87	3.16	1.52	0.459	2.080	4.526	1762.	35.	5.	756.6	31.2	1
2302	0	416	37.1098	89.5788	-809.5		QTC-1	6.53	2.97	1.51	0.455	1.958	4.308	1785.	41.	3.	757.1	31.2	1
2303	0	428	37.1098	89.5794	-807.0		QTC-1	9.86	3.35	1.44	0.340	2.336	6.871	1872.	45.	6.	756.1	31.2	1
2304	0	420	37.1098	89.5800	-809.7		QTC-1	7.57	2.09	1.36	0.276	1.532	5.549	1679.	36.	9.	756.6	31.2	1
2305	0	416	37.1098	89.5806	-821.7		QTC-1	8.05	3.04	1.22	0.378	2.485	6.579	1755.	44.	5.	757.6	31.2	1
2306	0	424	37.1098	89.5813	-817.0		QTC-1	7.39	3.83	1.09	0.518	3.525	6.808	1710.	39.	4.	755.5	31.1	1
2307	0	436	37.1098	89.5819	-805.7		KU	6.76	4.74	1.24	0.702	3.816	5.437	1765.	37.	3.	755.0	31.1	1
2308	0	448	37.1098	89.5826	-812.7		KU	6.90	2.70	1.62	0.391	1.662	4.251	1730.	41.	4.	757.1	31.2	1
2309	0	476	37.1098	89.5831	-821.7		KU	7.79	1.97	1.33	0.253	1.487	5.873	1797.	36.	8.	756.6	31.1	1
2310	0	488	37.1098	89.5838	-824.0		KU	8.70	3.50	1.32	0.403	2.656	6.592	1816.	25.	5.	756.6	31.1	1
2311	10	476	37.1098	89.5845	-826.0		KU	8.74	0.75	1.58	0.0	0.0	5.519	1664.	41.	9.	758.7	31.1	1
2312	0	448	37.1098	89.5851	-823.2		KU	6.89	3.76	1.22	0.545	3.070	5.635	1743.	34.	6.	757.6	31.1	1
2313	0	436	37.1098	89.5857	-824.7		KU	8.59	3.19	1.21	0.372	2.650	7.124	1696.	44.	8.	755.5	31.1	1
2314	0	448	37.1098	89.5864	-826.5		KU	7.83	2.77	1.47	0.354	1.881	5.314	1787.	38.	4.	757.6	31.1	1
2315	0	476	37.1098	89.5870	-827.7		KU	8.21	1.76	1.66	0.214	1.056	4.940	1828.	43.	9.	757.6	31.2	1
2316	0	472	37.1098	89.5876	-826.0		KU	8.72	3.28	1.23	0.376	2.669	7.107	1805.	38.	9.	756.6	31.2	1
2317	0	468	37.1098	89.5882	-823.2		KU	9.05	2.47	1.30	0.273	1.908	6.988	1860.	34.	10.	758.7	31.1	1
2318	0	480	37.1098	89.5889	-824.5		KU	7.66	3.22	1.30	0.420	2.468	5.881	1826.	44.	9.	758.7	31.2	1
2319	10	492	37.1098	89.5895	-822.5		KU	7.92	0.28	1.62	0.0	0.0	4.889	1713.	44.	10.	757.1	31.1	1
2320	10	500	37.1098	89.5902	-825.0		KU	10.98	1.00	1.68	0.0	0.0	6.543	1902.	35.	4.	758.1	31.1	1
2321	10	500	37.1098	89.5907	-830.7		KU	10.49	0.20	1.49	0.0	0.0	7.029	1808.	42.	9.	758.1	31.0	1
2322	0	496	37.1098	89.5914	-826.0		KU	9.76	2.01	1.56	0.206	1.284	6.246	1797.	43.	5.	756.1	31.0	1
2323	0	480	37.1098	89.5920	-824.7		KU	10.05	2.17	1.42	0.216	1.537	7.099	1748.	34.	6.	757.6	31.0	1
2324	0	464	37.1098	89.5927	-828.0		KU	7.35	4.63	1.24	0.630	3.749	5.946	1856.	42.	4.	759.2	31.0	1
2325	10	460	37.1098	89.5933	-826.7		KU	8.29	1.07	1.54	0.0	0.0	5.387	1794.	47.	5.	756.1	31.0	1
2326	0	444	37.1098	89.5940	-827.7		KU	8.54	3.75	1.51	0.439	2.478	5.639	1825.	38.	3.	756.1	31.0	1
2327	0	444	37.1098	89.5946	-826.5		KU	6.32	3.08	1.35	0.488	2.284	4.682	1774.	34.	4.	758.7	31.1	1
2328	0	452	37.1098	89.5952	-825.2		KU	8.01	2.13	1.60	0.266	1.334	5.009	1767.	45.	3.	756.6	31.1	1
2329	0	464	37.1098	89.5958	-829.2		KU	7.33	2.32	1.40	0.316	1.653	5.229	1798.	36.	5.	756.1	31.1	1
2330	0	472	37.1098	89.5965	-828.2		KU	7.46	3.41	1.50	0.457	2.278	4.986	1786.	48.	5.	758.1	31.1	1
2331	0	468	37.1098	89.5971	-828.0		KU	8.49	4.78	1.23	0.563	3.889	6.911	1673.	39.	3.	756.6	31.1	1
2332	0	424	37.1098	89.5978	-831.7		KU	6.24	3.93	1.04	0.630	3.789	6.013	1562.	37.	3.	756.6	31.1	1

FLIGHT LINE 11 DAY 168 REDUCED DATA TEX-KENT 1979 PADUCAH

* TAGS *			* LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2333	0	428	37.1098	89.5983	-831.5	KU	8.69	2.74	1.14	0.316	2.405	7.619	1552.	33.	2.	758.1	31.1	1
2334	0	432	37.1098	89.5990	-832.2	KU	8.06	3.76	0.84	0.467	4.466	9.569	1486.	44.	2.	757.1	31.1	1
2335	0	452	37.1098	89.5997	-834.5	KU	7.52	3.82	1.13	0.508	3.373	6.635	1659.	50.	4.	758.1	31.1	1
2336	0	480	37.1098	89.6003	-833.7	KU	9.09	2.58	1.39	0.284	1.858	6.549	1724.	38.	6.	758.1	31.1	1
2337	0	480	37.1098	89.6010	-831.2	KU	6.33	2.30	1.31	0.364	1.752	4.818	1649.	51.	6.	756.6	31.1	1
2338	0	484	37.1098	89.6015	-833.0	KU	7.34	4.44	1.46	0.604	3.030	5.013	1762.	35.	6.	757.6	31.2	1
2339	0	500	37.1098	89.6022	-833.0	KU	5.67	4.02	1.40	0.708	2.879	4.067	1765.	39.	9.	757.6	31.3	1
2340	10	508	37.1098	89.6028	-834.5	KU	8.10	1.75	1.45	0.0	0.0	5.590	1804.	39.	12.	755.5	31.3	1
2341	0	512	37.1098	89.6034	-837.2	KU	8.30	2.92	1.41	0.352	2.068	5.881	1810.	32.	5.	756.6	31.4	1
2342	0	524	37.1098	89.6041	-837.0	KU	9.32	2.64	1.43	0.284	1.846	6.507	1822.	33.	9.	756.6	31.5	1
2343	0	532	37.1098	89.6047	-833.5	KU	9.67	3.93	1.59	0.407	2.466	6.065	1865.	42.	11.	756.6	31.6	1
2344	0	528	37.1098	89.6054	-835.0	KU	8.25	2.70	1.39	0.328	1.950	5.952	1739.	44.	10.	757.6	31.6	1
2345	0	516	37.1098	89.6059	-838.0	KU	6.25	3.09	1.54	0.495	2.004	4.049	1667.	43.	7.	756.6	31.5	1
2346	0	516	37.1099	89.6066	-842.0	KU	7.83	2.17	1.39	0.277	1.553	5.614	1746.	42.	6.	755.5	31.6	1
2347	0	512	37.1099	89.6072	-835.7	KU	8.60	2.74	1.58	0.319	1.735	5.436	1769.	47.	3.	757.6	31.5	1
2348	0	496	37.1099	89.6079	-826.5	KU	7.11	4.03	1.19	0.566	3.386	5.983	1620.	53.	1.	758.1	31.5	1
2349	10	488	37.1099	89.6086	-830.7	KU	8.32	1.46	1.53	0.0	0.0	5.433	1714.	33.	1.	755.0	31.4	1
2350	0	488	37.1098	89.6092	-834.5	KU	8.51	3.46	1.42	0.406	2.438	6.000	1705.	41.	0.	755.5	31.4	1
2351	0	496	37.1098	89.6097	-831.2	KU	7.97	3.25	1.33	0.407	2.438	5.982	1710.	32.	0.	758.7	31.3	1
2352	0	496	37.1098	89.6104	-830.5	KU	6.58	4.00	1.02	0.607	3.914	6.447	1707.	30.	3.	757.1	31.3	1
2353	0	504	37.1098	89.6110	-830.5	KU	7.51	4.41	1.25	0.587	3.535	6.019	1748.	40.	0.	755.0	31.3	1
2354	0	520	37.1098	89.6117	-828.0	KU	5.97	5.17	1.29	0.866	4.014	4.635	1738.	39.	1.	755.0	31.4	1
2355	0	536	37.1098	89.6123	-825.0	KU	6.08	3.87	1.47	0.637	2.643	4.150	1658.	39.	0.	755.0	31.4	1
2356	0	544	37.1098	89.6130	-824.2	KU	7.51	2.57	1.44	0.343	1.782	5.203	1746.	38.	3.	756.6	31.4	1
2357	0	544	37.1098	89.6135	-825.2	KU	6.65	3.90	1.37	0.586	2.838	4.841	1649.	37.	0.	757.6	31.3	1
2358	0	552	37.1098	89.6142	-824.0	KU	7.81	2.36	1.34	0.302	1.757	5.811	1609.	37.	2.	755.5	31.2	1
2359	0	568	37.1098	89.6149	-826.0	KU	7.65	3.84	1.22	0.502	3.157	6.292	1622.	37.	3.	755.5	31.1	1
2360	0	576	37.1098	89.6156	-827.7	KU	6.91	3.47	1.32	0.502	2.638	5.251	1675.	42.	2.	758.1	31.1	1
2361	0	568	37.1098	89.6162	-822.0	KU	8.33	2.43	1.28	0.291	1.894	6.500	1602.	46.	0.	757.1	31.0	1
2362	0	564	37.1098	89.6169	-825.0	KU	7.30	2.05	1.28	0.281	1.595	5.683	1545.	49.	7.	755.5	31.0	1
2363	0	556	37.1097	89.6175	-828.7	KU	5.00	2.85	1.10	0.570	2.578	4.522	1594.	38.	7.	756.6	31.0	1
2364	0	552	37.1097	89.6181	-821.7	KU	6.47	1.97	1.25	0.305	1.576	5.169	1614.	32.	8.	757.6	31.0	1
2365	0	548	37.1097	89.6188	-818.7	KU	4.30	2.44	1.11	0.568	2.194	3.860	1523.	50.	13.	757.1	31.0	1
2366	0	548	37.1097	89.6195	-819.5	KU	5.81	4.19	1.09	0.721	3.850	5.340	1666.	46.	9.	756.1	31.1	1
2367	0	552	37.1097	89.6201	-819.0	KU	7.29	3.01	1.02	0.413	2.961	7.176	1673.	48.	10.	756.1	31.1	1
2368	0	556	37.1097	89.6208	-819.7	KU	3.48	2.98	1.41	0.857	2.115	2.468	1686.	30.	13.	758.1	31.1	1
2369	0	556	37.1097	89.6215	-816.7	KU	5.20	2.67	1.36	0.513	1.953	3.811	1746.	33.	13.	757.6	31.1	1
2370	10	552	37.1096	89.6221	-813.5	KU	9.44	1.45	1.79	0.0	0.0	5.282	1772.	44.	14.	755.5	31.1	1
2371	0	536	37.1096	89.6227	-815.2	KU	8.45	3.30	1.03	0.391	3.197	8.178	1763.	31.	10.	756.1	31.1	1
2372	10	528	37.1096	89.6234	-818.0	KU	8.46	1.79	1.65	0.0	0.0	5.124	1821.	27.	10.	757.1	31.1	1
2373	10	528	37.1096	89.6241	-815.5	KU	8.88	0.92	1.56	0.0	0:0	5.712	1768.	49.	11.	756.1	31.1	1
2374	10	532	37.1096	89.6247	-812.2	KU	8.20	0.64	1.48	0.0	0.0	5.531	1759.	32.	11.	756.1	31.1	1
2375	0	532	37.1095	89.6254	-811.2	KU	6.60	3.94	1.09	0.597	3.622	6.070	1846.	45.	10.	758.1	31.0	1
2376	0	532	37.1095	89.6260	-813.7	KU	5.66	3.77	1.30	0.667	2.899	4.349	1864.	29.	8.	757.1	31.0	1
2377	0	528	37.1095	89.6266	-810.7	KU	9.82	2.67	1.29	0.272	2.075	7.643	1859.	46.	6.	756.1	31.0	1
2378	0	528	37.1095	89.6273	-805.2	KU	7.35	3.52	1.21	0.478	2.905	6.076	1708.	42.	9.	756.1	31.0	1
2379	0	528	37.1095	89.6280	-804.7	KU	6.41	3.27	0.97	0.510	3.354	6.579	1788.	41.	9.	756.1	31.0	1
2380	10	524	37.1095	89.6286	-806.0	KU	7.06	1.73	1.70	0.0	0.0	4.155	1652.	41.	10.	757.1	31.0	1
2381	0	480	37.1095	89.6293	-805.5	KU	6.21	2.69	1.46	0.433	1.845	4.258	1609.	45.	8.	756.6	31.0	1
2382	10	460	37.1095	89.6300	-807.0	KU	6.74	1.35	1.13	0.0	0.0	5.978	1526.	37.	11.	757.1	31.0	1
2383	0	444	37.1094	89.6306	-805.5	KU	7.28	2.89	1.04	0.396	2.784	7.023	1491.	51.	6.	757.1	31.0	1
2384	0	416	37.1094	89.6312	-804.0	KU	6.43	3.08	1.14	0.479	2.693	5.622	1402.	45.	8.	756.1	31.0	1
2385	0	432	37.1094	89.6319	-801.2	KU	5.91	2.40	1.03	0.405	2.321	5.730	1490.	45.	10.	757.6	31.0	1

CP9 1P12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2386	0	444	37.1094	89.6325	-798.2		KU	6.46	3.79	1.42	0.586	2.668	4.553	1576.	35.	8.	757.6	31.1	1
2387	10	436	37.1094	89.6332	-799.2		KU	8.40	1.42	1.04	0.0	0.0	8.085	1544.	41.	8.	756.6	31.1	1
2388	0	444	37.1093	89.6338	-805.0		KU	5.33	2.47	1.23	0.463	2.001	4.323	1528.	46.	7.	758.7	31.0	1
2389	0	444	37.1093	89.6345	-804.2		KU	5.86	3.35	1.10	0.571	3.033	5.310	1590.	43.	4.	757.6	31.1	1
2390	10	444	37.1093	89.6352	-805.7.		KU	6.67	1.16	1.19	0.0	0.0	5.608	1462.	39.	10.	756.1	31.1	1
2391	0	428	37.1093	89.6358	-805.5		KU	5.94	1.52	0.87	0.256	1.750	6.842	1417.	31.	8.	757.1	31.1	1
2392	0	428	37.1092	89.6365	-800.0		KU	5.16	2.24	1.00	0.433	2.246	5.182	1480.	34.	11.	756.1	31.0	1
2393	10	464	37.1092	89.6371	-796.5		KU	6.29	1.03	1.19	0.0	0.0	5.283	1596.	35.	13.	756.6	31.0	1
2394	0	484	37.1092	89.6377	-798.0		KU	5.37	3.86	1.26	0.718	3.066	4.272	1689.	52.	11.	757.1	31.0	1
2395	10	488	37.1092	89.6384	-795.5		KU	9.96	0.76	1.63	0.0	0.0	6.113	1726.	32.	12.	756.1	31.0	1
2396	0	488	37.1092	89.6391	-797.2		KU	8.08	3.48	1.40	0.431	2.490	5.777	1790.	44.	11.	757.1	31.0	1
2397	0	496	37.1092	89.6397	-800.2		KU	7.73	2.12	1.14	0.275	1.859	6.768	1651.	41.	12.	756.6	31.0	1
2398	0	508	37.1092	89.6404	-796.2		KU	6.60	2.59	1.57	0.393	1.645	4.190	1794.	42.	9.	756.1	31.0	1
2399	0	524	37.1092	89.6411	-795.0		KU	7.70	3.97	1.37	0.515	2.895	5.618	1824.	54.	12.	757.6	31.0	1
2400	0	520	37.1091	89.6417	-799.7		KU	7.00	2.01	1.70	0.287	1.178	4.104	1878.	32.	6.	756.6	31.0	1
2401	0	520	37.1091	89.6423	-802.2		KU	7.91	2.21	1.40	0.279	1.573	5.639	1793.	39.	8.	757.1	31.0	1
2402	0	524	37.1091	89.6430	-795.5		KU	6.74	3.34	1.44	0.495	2.314	4.677	1767.	47.	3.	758.7	31.0	1
2403	0	524	37.1091	89.6436	-792.0		KU	6.88	4.12	1.65	0.599	2.495	4.168	1780.	44.	3.	759.2	31.0	1
2404	10	520	37.1091	89.6443	-800.5		KU	7.23	1.40	1.59	0.0	0.0	4.547	1703.	32.	5.	758.1	31.0	1
2405	0	508	37.1090	89.6450	-801.5		KU	8.96	4.85	1.53	0.542	3.183	5.871	1757.	40.	0.	756.6	31.0	1
2406	0	492	37.1090	89.6457	-798.0		KU	5.82	5.42	1.29	0.931	4.212	4.526	1666.	44.	4.	757.1	31.0	1
2407	0	484	37.1090	89.6463	-799.2		KU	8.23	4.16	1.04	0.505	3.988	7.899	1692.	36.	4.	757.6	31.0	1
2408	0	476	37.1090	89.6469	-797.7		KU	7.58	3.50	1.66	0.462	2.113	4.571	1763.	29.	6.	757.6	31.0	1
2409	0	468	37.1090	89.6476	-802.0		KU	9.53	2.00	1.19	0.210	1.685	8.029	1715.	32.	8.	757.6	31.0	1
2410	0	444	37.1090	89.6482	-810.5		KU	5.61	2.35	1.02	0.419	2.303	5.504	1552.	43.	12.	757.1	31.0	1
2411	0	436	37.1090	89.6489	-805.2		KU	7.22	1.81	1.31	0.251	1.382	5.502	1534.	40.	6.	757.6	31.0	1
2412	0	436	37.1090	89.6495	-799.5		KU	7.81	3.74	0.96	0.479	3.876	8.097	1589.	42.	8.	758.1	31.0	1
2413	0	408	37.1089	89.6502	-802.2		KU	6.97	2.48	1.00	0.355	2.475	6.973	1532.	44.	5.	757.6	31.0	1
2414	0	428	37.1089	89.6508	-806.0		KU	6.51	2.12	1.09	0.326	1.953	5.998	1551.	45.	7.	757.6	31.0	1
2415	0	428	37.1089	89.6515	-806.0		KU	6.24	2.92	1.06	0.468	2.745	5.864	1524.	51.	4.	756.6	31.0	1
2416	0	432	37.1089	89.6522	-807.5		KU	6.16	2.70	1.20	0.438	2.249	5.133	1596.	42.	4.	757.1	31.0	1
2417	0	460	37.1089	89.6528	-807.7		KU	5.42	3.22	1.16	0.594	2.786	4.687	1649.	47.	4.	757.6	31.0	1
2418	0	460	37.1088	89.6535	-805.5		KU	7.02	4.36	1.17	0.616	3.743	6.077	1753.	40.	4.	757.1	31.0	1
2419	0	448	37.1088	89.6541	-807.5		KU	7.37	2.35	1.28	0.319	1.841	5.767	1682.	38.	6.	757.1	31.0	1
2420	10	448	37.1088	89.6547	-811.5		KU	7.39	1.07	1.33	0.0	0.0	5.572	1622.	39.	6.	757.6	31.0	1
2421	0	448	37.1088	89.6554	-810.0		KU	7.48	3.97	1.12	0.531	3.554	6.695	1666.	44.	4.	756.6	31.0	1
2422	10	440	37.1087	89.6561	-809.7		KU	10.35	1.19	1.30	0.0	0.0	7.976	1551.	46.	4.	757.1	31.1	1
2423	0	412	37.1087	89.6567	-812.0		KU	7.33	2.30	0.98	0.313	2.347	7.491	1491.	40.	9.	757.1	31.1	1
2424	0	424	37.1087	89.6574	-809.7		KU	4.35	3.18	0.96	0.731	3.307	4.522	1517.	37.	11.	755.5	31.2	1
2425	0	420	37.1087	89.6581	-810.0		KU	6.30	3.00	0.82	0.477	3.658	7.670	1395.	50.	10.	756.6	31.2	1
2426	0	428	37.1087	89.6587	-808.0		KU	4.40	1.75	1.16	0.398	1.506	3.782	1476.	48.	11.	757.6	31.2	1
2427	10	472	37.1087	89.6593	-802.5		KU	6.13	0.90	1.36	0.0	0.0	4.506	1516.	37.	10.	755.5	31.2	1
2428	10	480	37.1087	89.6600	-810.0		KU	6.95	0.73	1.20	0.0	0.0	5.780	1529.	48.	11.	755.5	31.1	1
2429	0	460	37.1087	89.6607	-811.0		KU	6.22	2.85	1.18	0.459	2.408	5.251	1545.	41.	9.	756.6	31.1	1
2430	10	496	37.1086	89.6613	-802.7		KU	6.97	1.43	1.54	0.0	0.0	4.539	1557.	50.	7.	756.6	31.0	1
2431	0	500	37.1086	89.6620	-808.2		KU	8.41	2.19	1.12	0.261	1.964	7.540	1584.	43.	9.	756.6	30.9	1
2432	0	508	37.1086	89.6626	-819.7		OSE-2	6.56	2.29	1.30	0.350	1.764	5.045	1536.	36.	6.	757.1	30.9	1
2433	10	504	37.1086	89.6632	-817.5		OSE-2	6.81	1.00	1.41	0.0	0.0	4.825	1529.	44.	9.	757.6	30.8	1
2434	0	492	37.1086	89.6639	-815.0		OSE-2	8.26	3.16	1.06	0.383	2.990	7.814	1529.	37.	8.	757.6	30.9	1
2435	0	496	37.1085	89.6646	-818.5		OSE-2	8.19	2.34	0.95	0.286	2.474	8.645	1480.	38.	6.	756.6	30.9	1
2436	0	488	37.1085	89.6652	-819.7		OSE-2	5.48	2.63	1.06	0.480	2.478	5.164	1424.	43.	5.	756.1	30.9	1
2437	10	464	37.1085	89.6659	-821.0		OSE-2	6.69	1.24	1.04	0.0	0.0	6.446	1408.	37.	6.	756.1	31.0	1
2438	10	464	37.1085	89.6666	-825.0		OSE-2	5.32	1.40	1.04	0.0	0.0	5.100	1372.	34.	5.	755.0	31.0	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	REDUCED DATA GROSS	COS	UAIR	PRESS	TEMP	SYS
2439	0	464	37.1085	89.6672	-822.2		QAL	4.94	2.10	0.91	0.425	2.299	5.408	1242.	48.	7.	755.5	31.1	1
2440	10	468	37.1085	89.6678	-818.5		QAL	7.34	1.53	0.86	0.0	0.0	8.517	1381.	38.	9.	756.6	31.1	1
2441	10	468	37.1084	89.6685	-822.0		QAL	7.26	1.45	0.98	0.0	0.0	7.440	1341.	39.	8.	755.5	31.2	1
2442	10	504	37.1084	89.6692	-825.5		QAL	4.18	1.07	1.41	0.0	0.0	2.967	1450.	32.	13.	755.5	31.2	1
2443	10	556	37.1084	89.6698	-826.0		QAL	8.01	1.73	1.28	0.0	0.0	6.241	1589.	45.	9.	756.6	31.3	1
2444	0	596	37.1084	89.6704	-824.5		QAL	7.26	2.72	0.97	0.375	2.814	7.501	1645.	35.	8.	756.1	31.2	1
2445	0	608	37.1084	89.6711	-830.0		QAL	7.19	2.33	1.11	0.324	2.092	6.458	1692.	35.	12.	755.0	31.0	1
2446	0	616	37.1084	89.6718	-831.2		QAL	5.77	3.98	1.09	0.689	3.636	5.273	1554.	46.	7.	756.1	31.0	1
2447	0	620	37.1084	89.6724	-826.7		QAL	5.42	4.55	1.01	0.839	4.510	5.375	1653.	35.	12.	757.1	30.9	1
2448	10	624	37.1083	89.6731	-829.7		QAL	6.96	1.85	1.36	0.0	0.0	5.126	1613.	48.	10.	756.6	30.9	1
2449	0	624	37.1083	89.6737	-832.5		QAL	5.71	2.72	1.58	0.476	1.721	3.612	1618.	42.	11.	755.5	30.9	1
2450	0	624	37.1083	89.6743	-828.5		QAL	8.05	2.47	1.15	0.307	2.137	6.967	1639.	52.	9.	754.5	30.9	1
2451	0	624	37.1083	89.6750	-835.7		QAL	5.04	2.79	1.16	0.554	2.411	4.352	1536.	38.	7.	755.0	30.8	1
2452	0	616	37.1082	89.6757	-843.5		QAL	7.16	2.35	1.56	0.328	1.510	4.599	1648.	38.	11.	756.1	30.8	1
2453	0	608	37.1082	89.6764	-838.5		QAL	5.05	4.74	0.92	0.938	5.155	5.493	1610.	47.	9.	756.1	30.8	1
2454	0	604	37.1082	89.6770	-841.0		QAL	5.07	5.02	1.00	0.990	5.041	5.094	1541.	43.	9.	756.1	30.8	1
2455	0	604	37.1082	89.6777	-846.2		QAL	7.17	2.17	1.39	0.303	1.564	5.159	1602.	48.	10.	756.6	30.8	1
2456	0	600	37.1082	89.6783	-847.0		QAL	4.90	2.69	1.39	0.548	1.926	3.516	1555.	46.	8.	756.6	30.8	1
2457	0	596	37.1082	89.6789	-852.7		QAL	5.20	5.22	1.24	1.003	4.221	4.209	1567.	41.	8.	756.6	30.8	1
2458	0	596	37.1082	89.6796	-855.2		QAL	4.21	2.69	1.43	0.639	1.880	2.944	1697.	31.	10.	756.1	30.8	1
2459	10	596	37.1082	89.6802	-851.2		QAL	7.32	1.30	1.42	0.0	0.0	5.138	1629.	46.	10.	755.0	30.8	1
2460	0	592	37.1081	89.6809	-857.5		QAL	6.77	2.94	1.33	0.434	2.212	5.096	1565.	30.	13.	755.5	30.8	1
2461	0	592	37.1081	89.6816	-857.5		QAL	6.53	2.94	1.26	0.451	2.343	5.200	1628.	38.	10.	756.6	30.8	1
2462	10	596	37.1081	89.6823	-852.0		QAL	5.49	1.83	1.67	0.0	0.0	3.287	1597.	34.	12.	757.1	30.8	1
2463	0	596	37.1081	89.6829	-865.2		QAL	5.61	4.43	1.09	0.790	4.057	5.133	1692.	36.	14.	756.6	30.9	1
2464	10	592	37.1081	89.6835	-872.0		QAL	5.09	0.77	1.18	0.0	0.0	4.304	1426.	51.	13.	756.6	30.9	1
2465	10	584	37.1080	89.6842	-862.0		QAL	4.04	1.34	1.56	0.0	0.0	2.588	1492.	45.	15.	757.1	30.9	1
2466	0	576	37.1080	89.6848	-865.5		QAL	5.52	2.23	1.24	0.404	1.800	4.460	1493.	33.	9.	757.1	30.9	1
2467	10	564	37.1080	89.6855	-871.7		QAL	4.49	-0.35	1.59	0.0	0.0	2.831	1424.	54.	7.	757.1	31.0	1
2468	10	556	37.1080	89.6862	-875.0		QAL	6.19	1.56	1.35	0.0	0.0	4.573	1400.	30.	10.	757.1	31.0	1
2469	0	548	37.1079	89.6869	-878.0		QAL	4.15	2.25	1.37	0.542	1.640	3.024	1376.	32.	5.	757.6	31.0	1
2470	0	540	37.1079	89.6874	-875.7		QAL	6.18	2.34	1.02	0.379	2.290	6.049	1440.	38.	4.	758.7	31.1	1
2471	0	532	37.1079	89.6881	-878.2		OSE-2	6.19	1.79	1.48	0.290	1.207	4.169	1450.	27.	9.	758.1	31.2	1
2472	10	520	37.1079	89.6888	-882.5		OSE-2	4.96	-0.60	1.34	0.0	0.0	3.708	1361.	33.	11.	757.6	31.3	1
2473	10	516	37.1078	89.6894	-883.2		OSE-2	2.45	1.23	1.30	0.0	0.0	1.890	1362.	43.	14.	757.6	31.4	1
2474	10	512	37.1078	89.6901	-884.7		OSE-2	5.20	0.36	1.33	0.0	0.0	3.899	1390.	37.	13.	757.1	31.5	1
2475	10	508	37.1078	89.6907	-882.0		OSE-2	6.89	0.55	1.32	0.0	0.0	5.213	1466.	46.	14.	757.6	31.6	1
2476	10	504	37.1078	89.6914	-881.0		OSE-2	6.70	1.14	1.39	0.0	0.0	4.835	1545.	53.	13.	758.1	31.7	1
2477	10	500	37.1078	89.6920	-885.0		QAL	5.46	0.55	1.44	0.0	0.0	3.780	1485.	45.	8.	758.1	31.9	1
2478	10	500	37.1078	89.6927	-881.5		QAL	5.92	0.84	1.14	0.0	0.0	5.214	1350.	43.	8.	758.7	32.0	1
2479	10	496	37.1078	89.6934	-876.7		QAL	4.11	1.36	1.13	0.0	0.0	3.644	1414.	37.	7.	758.7	32.0	1
2480	10	468	37.1078	89.6940	-879.0		QAL	5.30	0.97	1.16	0.0	0.0	4.579	1378.	39.	6.	758.1	32.2	1
2481	0	456	37.1078	89.6947	-883.5		QAL	4.51	1.71	1.22	0.380	1.405	3.699	1388.	41.	6.	758.7	32.2	1
2482	0	456	37.1077	89.6953	-885.2		QAL	5.75	1.79	1.21	0.311	1.473	4.735	1390.	46.	4.	757.6	32.2	1
2483	0	468	37.1077	89.6959	-880.0		QAL	2.90	2.95	1.13	1.016	2.600	2.560	1370.	49.	5.	757.1	32.1	1
2484	10	480	37.1077	89.6966	-874.0		QAL	6.79	0.83	1.30	0.0	0.0	5.238	1392.	41.	10.	758.7	32.0	1
2485	10	476	37.1077	89.6973	-873.5		QAL	4.79	0.88	1.29	0.0	0.0	3.726	1356.	44.	11.	759.2	31.9	1
2486	0	464	37.1076	89.6979	-873.0		QAL	3.57	1.70	1.19	0.475	1.426	2.999	1403.	37.	15.	758.1	31.9	1
2487	10	456	37.1076	89.6986	-873.2		QAL	2.91	0.61	1.29	0.0	0.0	2.261	1389.	35.	18.	758.1	31.8	1
2488	10	452	37.1076	89.6992	-874.2		QAL	4.74	0.26	1.16	0.0	0.0	4.089	1451.	48.	20.	759.2	31.8	1
2489	10	448	37.1076	89.6999	-871.5		QAL	5.13	1.09	1.27	0.0	0.0	4.026	1469.	35.	20.	758.7	31.8	1
2490	10	444	37.1076	89.7005	-868.5		QAL	7.03	0.49	1.56	0.0	0.0	4.502	1570.	40.	18.	759.2	31.8	1
2491	10	440	37.1075	89.7012	-868.0		QAL	7.95	0.68	1.10	0.0	0.0	7.223	1631.	43.	18.	759.7	31.8	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2492	10	436	37.1075	89.7019	-869.7		QAL	8.33	0.56	1.50	0.0	0.0	5.571	1659.	40.	16.	759.7	31.8	1
2493	0	432	37.1075	89.7025	-870.7		QAL	4.13	3.03	1.43	0.733	2.112	2.882	1679.	43.	15.	759.2	31.8	1
2494	0	432	37.1075	89.7032	-867.2		QAL	8.04	2.24	1.62	0.279	1.384	4.968	1829.	36.	8.	758.7	31.8	1
2495	0	432	37.1075	89.7038	-870.7		QAL	6.14	2.24	1.87	0.366	1.200	3.281	1901.	42.	7.	759.2	31.8	1
2496	10	432	37.1075	89.7044	-872.2		QAL	7.58	1.53	1.82	0.0	0.0	4.169	1777.	57.	9.	760.7	31.8	1
2497	0	432	37.1075	89.7051	-863.7		QAL	8.09	4.39	1.59	0.542	2.760	5.090	1785.	44.	4.	759.2	31.8	1
2498	0	428	37.1075	89.7058	-861.0		QAL	8.75	2.78	1.43	0.318	1.946	6.113	1688.	44.	0.	759.2	31.7	1
2499	0	428	37.1074	89.7064	-860.5		QAL	5.71	3.85	1.57	0.673	2.457	3.649	1735.	41.	1.	759.7	31.7	1
2500	0	424	37.1074	89.7071	-856.0		QAL	6.89	2.39	1.71	0.347	1.396	4.026	1652.	46.	6.	759.2	31.7	1
2501	0	424	37.1074	89.7077	-854.0		QAL	8.41	3.84	1.43	0.456	2.680	5.874	1693.	28.	8.	760.2	31.6	1
2502	0	420	37.1074	89.7084	-854.7		QAL	7.54	3.04	1.44	0.404	2.120	5.253	1726.	48.	9.	759.7	31.6	1
2503	0	420	37.1073	89.7090	-853.0		QAL	8.04	2.95	1.18	0.367	2.494	6.797	1723.	35.	8.	759.2	31.6	1
2504	0	420	37.1073	89.7097	-853.0		QAL	8.34	2.97	1.62	0.356	1.836	5.154	1828.	39.	6.	760.2	31.6	1
2505	0	424	37.1073	89.7104	-851.5		QAL	6.46	2.88	1.66	0.446	1.735	3.889	1887.	43.	8.	759.2	31.5	1
2506	0	428	37.1073	89.7109	-849.0		QAL	7.85	2.74	1.67	0.350	1.648	4.715	1886.	45.	7.	759.7	31.6	1
2507	10	436	37.1073	89.7116	-850.2		QAL	7.02	1.51	1.54	0.0	0.0	4.552	1848.	37.	8.	760.7	31.6	1
2508	0	432	37.1073	89.7123	-849.7		QAL	6.98	2.29	1.88	0.327	1.216	3.713	1788.	36.	7.	758.7	31.6	1
2509	10	428	37.1073	89.7130	-845.2		QAL	6.63	0.81	1.49	0.0	0.0	4.440	1487.	54.	8.	759.7	31.6	1
2510	0	424	37.1072	89.7136	-846.0		QAL	5.87	1.72	1.34	0.293	1.283	4.378	1392.	34.	3.	759.7	31.7	1
2511	10	428	37.1072	89.7143	-847.5		QAL	4.81	1.22	1.37	0.0	0.0	3.500	1344.	44.	8.	758.7	31.7	1
2512	10	436	37.1072	89.7149	-849.2		QAL	3.54	0.98	1.51	0.0	0.0	2.349	1412.	44.	8.	760.7	31.7	1
2513	0	436	37.1072	89.7155	-848.7		QAL	5.38	2.26	1.77	0.421	1.276	3.034	1488.	39.	7.	759.7	31.6	1
2514	0	436	37.1072	89.7162	-844.0		QAL	5.70	3.81	1.23	0.668	3.098	4.637	1628.	44.	7.	758.7	31.6	1
2515	0	436	37.1072	89.7169	-846.5		QAL	6.49	2.91	1.72	0.448	1.691	3.772	1816.	37.	3.	760.7	31.6	1
2516	0	436	37.1071	89.7175	-854.5		QAL	7.23	3.60	1.64	0.497	2.195	4.414	1873.	43.	7.	759.7	31.6	1
2517	0	436	37.1071	89.7182	-849.7		QAL	11.36	2.71	1.48	0.238	1.833	7.690	1895.	34.	6.	759.2	31.7	1
2518	0	436	37.1071	89.7189	-843.5		QAL	12.65	3.12	1.14	0.247	2.733	11.068	1908.	38.	2.	760.2	31.7	1
2519	0	440	37.1071	89.7195	-847.5		QAL	7.06	3.72	1.34	0.527	2.781	5.272	1875.	45.	8.	758.7	31.6	1
2520	0	440	37.1071	89.7201	-851.5		QAL	9.14	5.72	1.23	0.626	4.652	7.434	1898.	44.	7.	758.7	31.6	1
2521	0	440	37.1070	89.7208	-848.0		QAL	7.82	1.90	1.24	0.243	1.530	6.294	1791.	36.	9.	759.7	31.6	1
2522	0	444	37.1070	89.7214	-847.0		QAL	8.97	3.18	1.64	0.355	1.946	5.483	1883.	59.	8.	760.2	31.6	1
2523	10	444	37.1070	89.7221	-848.2		QAL	8.76	1.34	1.58	0.0	0.0	5.530	1824.	41.	8.	761.8	31.5	1
2524	0	440	37.1070	89.7228	-849.2		QAL	7.41	2.88	1.57	0.389	1.839	4.724	1734.	45.	6.	760.2	31.5	1
2525	0	436	37.1070	89.7235	-852.0		QAL	8.14	1.74	1.63	0.214	1.072	5.005	1773.	37.	5.	759.2	31.4	1
2526	0	436	37.1070	89.7241	-854.2		QAL	9.15	3.37	1.68	0.368	2.008	5.453	1790.	42.	1.	761.2	31.4	1
2527	0	436	37.1069	89.7247	-853.7		QAL	7.60	2.17	1.28	0.286	1.698	5.935	1691.	45.	6.	759.2	31.5	1
2528	0	440	37.1069	89.7254	-854.5		QAL	9.62	2.41	1.60	0.251	1.511	6.023	1667.	41.	3.	758.7	31.6	1
2529	0	440	37.1069	89.7260	-855.5		QAL	5.63	3.06	1.35	0.543	2.267	4.173	1664.	41.	6.	760.2	31.6	1
2530	0	448	37.1069	89.7267	-857.7		QAL	6.47	2.47	1.07	0.382	2.304	6.034	1624.	42.	9.	759.2	31.5	1
2531	0	456	37.1069	89.7273	-862.2		QAL	6.01	2.82	1.71	0.469	1.646	3.508	1640.	32.	5.	759.2	31.5	1
2532	0	464	37.1069	89.7280	-865.5		QAL	6.76	2.50	1.62	0.370	1.540	4.159	1669.	39.	7.	759.7	31.4	1
2533	0	464	37.1068	89.7287	-860.2		QAL	7.01	3.24	1.53	0.462	2.126	4.597	1745.	42.	5.	758.7	31.4	1
2534	0	464	37.1068	89.7293	-858.0		QAL	9.24	3.03	1.44	0.327	2.104	6.428	1797.	29.	5.	760.2	31.4	1
2535	10	464	37.1068	89.7300	-860.5		QAL	9.78	1.69	1.72	0.0	0.0	5.695	1811.	38.	7.	760.2	31.3	1
2536	0	464	37.1068	89.7306	-863.2		QAL	8.17	3.67	1.33	0.450	2.757	6.132	1801.	45.	1.	758.7	31.3	1
2537	0	456	37.1068	89.7312	-868.5		QAL	6.61	4.50	1.26	0.681	3.564	5.233	1824.	38.	0.	759.7	31.3	1
2538	0	456	37.1067	89.7319	-869.2		QAL	8.09	3.21	1.22	0.397	2.629	6.625	1851.	41.	2.	759.7	31.3	1
2539	0	460	37.1067	89.7325	-865.7		QAL	8.49	3.29	1.52	0.388	2.170	5.593	1812.	32.	0.	758.7	31.3	1
2540	0	464	37.1067	89.7332	-867.5		QAL	8.19	5.36	0.97	0.654	5.545	8.479	1740.	40.	0.	760.7	31.3	1
2541	0	464	37.1067	89.7339	-868.7		QAL	6.46	4.28	1.24	0.663	3.463	5.221	1721.	35.	0.	759.7	31.4	1
2542	0	464	37.1067	89.7345	-868.7		QAL	7.38	4.09	1.10	0.554	3.711	6.694	1665.	50.	0.	758.7	31.3	1
2543	0	464	37.1067	89.7352	-873.7		QAL	5.78	4.61	1.21	0.798	3.806	4.769	1748.	38.	0.	759.7	31.4	1
2544	0	464	37.1067	89.7358	-867.5		QAL	8.67	3.66	1.02	0.422	3.597	8.514	1705.	44.	2.	758.7	31.4	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2545	0	468	37.1066	89.7365	-863.0		QAL	7.54	2.85	1.51	0.378	1.892	5.004	1716.	41.	0.	758.7	31.3	1
2546	0	468	37.1066	89.7371	-871.5		QAL	6.62	2.45	1.31	0.370	1.868	5.052	1642.	47.	7.	759.7	31.3	1
2547	0	464	37.1066	89.7378	-878.0		QAL	6.12	5.61	1.23	0.917	4.542	4.955	1679.	42.	8.	758.7	31.3	1
2548	10	464	37.1066	89.7385	-876.2		QAL	8.45	0.80	1.24	0.0	0.0	6.829	1640.	33.	12.	759.7	31.3	1
2549	0	460	37.1066	89.7391	-875.2		QAL	6.78	2.82	1.55	0.416	1.818	4.375	1621.	43.	14.	759.7	31.3	1
2550	10	460	37.1066	89.7397	-868.7		QAL	6.53	1.33	1.28	0.0	0.0	5.105	1598.	53.	13.	758.7	31.3	1
2551	0	452	37.1065	89.7404	-870.0		QAL	6.93	3.73	1.43	0.538	2.614	4.855	1667.	39.	14.	759.7	31.3	1
2552	0	452	37.1065	89.7410	-876.7		QAL	7.22	2.02	1.37	0.279	1.468	5.252	1732.	42.	11.	758.7	31.4	1
2553	0	452	37.1065	89.7417	-870.2		QAL	7.86	2.16	1.39	0.275	1.555	5.653	1735.	30.	14.	758.7	31.5	1
2554	0	456	37.1065	89.7424	-867.2		QAL	6.96	2.61	1.32	0.376	1.980	5.269	1835.	45.	11.	759.7	31.5	1
2555	0	456	37.1064	89.7430	-876.5		QAL	10.14	4.27	1.21	0.421	3.543	8.407	1874.	41.	8.	759.7	31.5	1
2556	0	460	37.1064	89.7437	-877.2		QAL	6.66	4.42	1.18	0.664	3.737	5.628	1805.	44.	7.	759.7	31.4	1
2557	0	452	37.1064	89.7443	-874.2		QAL	9.92	2.76	1.37	0.278	2.022	7.261	1835.	36.	2.	761.2	31.3	1
2558	0	444	37.1064	89.7450	-879.7		QAL	8.87	3.55	1.18	0.401	3.009	7.513	1729.	42.	3.	759.2	31.3	1
2559	0	436	37.1064	89.7456	-881.5		QAL	9.55	2.56	1.25	0.268	2.046	7.645	1715.	30.	0.	759.7	31.3	1
2560	0	428	37.1064	89.7463	-869.7		QAL	7.10	3.51	1.41	0.494	2.495	5.051	1697.	40.	1.	761.2	31.3	1
2561	0	428	37.1064	89.7470	-866.0		QAL	8.90	2.97	1.51	0.334	1.968	5.894	1700.	37.	0.	759.2	31.4	1
2562	0	428	37.1064	89.7475	-876.0		QAL	10.02	2.03	1.34	0.202	1.516	7.493	1721.	38.	3.	759.7	31.4	1
2563	0	428	37.1064	89.7482	-879.7		QAL	9.21	1.69	1.34	0.183	1.263	6.900	1645.	35.	5.	761.2	31.4	1
2564	0	432	37.1064	89.7489	-876.2		QAL	8.26	3.25	1.15	0.393	2.832	7.198	1750.	30.	2.	759.7	31.4	1
2565	0	436	37.1063	89.7496	-876.2		QAL	7.14	2.08	1.35	0.292	1.540	5.276	1686.	37.	6.	761.2	31.4	1
2566	0	436	37.1064	89.7502	-875.7		QAL	7.41	4.20	1.21	0.567	3.479	6.134	1717.	42.	6.	760.7	31.4	1
2567	10	436	37.1064	89.7509	-876.0		QAL	5.94	1.33	1.30	0.0	0.0	4.576	1691.	52.	11.	759.7	31.3	1
2568	0	436	37.1064	89.7515	-878.5		QAL	5.81	2.98	1.26	0.513	2.359	4.600	1651.	44.	10.	761.8	31.3	1
2569	0	432	37.1064	89.7522	-880.2		QAL	8.49	2.05	1.46	0.242	1.404	5.811	1730.	32.	12.	759.7	31.3	1
2570	0	432	37.1065	89.7529	-882.5		QAL	6.18	2.83	1.20	0.457	2.350	5.139	1660.	32.	9.	759.2	31.3	1
2571	0	436	37.1065	89.7535	-883.2		QAL	6.42	1.67	1.39	0.259	1.198	4.617	1631.	33.	13.	761.2	31.3	1
2572	0	440	37.1065	89.7542	-878.0		QAL	6.09	1.74	1.26	0.286	1.379	4.826	1725.	28.	15.	759.2	31.3	1
2573	0	440	37.1065	89.7548	-874.5		QAL	6.37	2.67	1.32	0.419	2.019	4.822	1695.	38.	13.	759.2	31.3	1
2574	10	440	37.1066	89.7555	-877.2		QAL	7.93	1.46	1.38	0.0	0.0	5.750	1640.	33.	9.	760.7	31.3	1
2575	0	444	37.1066	89.7562	-879.7		QAL	8.48	4.16	1.14	0.490	3.649	7.446	1660.	41.	8.	759.2	31.3	1
2576	0	444	37.1066	89.7569	-883.0		QAL	6.78	4.68	0.97	0.689	4.808	6.975	1646.	37.	5.	760.2	31.2	1
2577	0	444	37.1066	89.7575	-882.7		QAL	6.88	1.62	1.54	0.235	1.055	4.483	1633.	42.	6.	760.2	31.2	1
2578	0	448	37.1066	89.7581	-878.2		QAL	6.09	4.00	1.46	0.658	2.748	4.180	1702.	43.	6.	758.1	31.2	1
2579	0	444	37.1067	89.7588	-879.0		QAL	5.20	1.58	1.51	0.304	1.049	3.451	1590.	47.	7.	759.7	31.2	1
2580	0	444	37.1067	89.7595	-875.5		QAL	7.57	2.21	1.27	0.291	1.738	5.965	1653.	41.	5.	759.7	31.2	1
2581	0	444	37.1067	89.7601	-871.5		QAL	6.78	2.96	1.66	0.436	1.784	4.096	1752.	43.	7.	758.7	31.2	1
2582	0	444	37.1067	89.7608	-874.2		QAL	8.30	2.08	1.29	0.251	1.617	6.448	1717.	39.	7.	760.7	31.3	1
2583	0	448	37.1068	89.7614	-876.5		QAL	7.30	4.64	1.26	0.636	3.686	5.797	1753.	31.	3.	759.7	31.4	1
2584	0	456	37.1068	89.7620	-877.2		QAL	6.79	4.10	1.25	0.604	3.286	5.440	1706.	45.	6.	758.7	31.6	1
2585	0	464	37.1068	89.7627	-880.0		QAL	5.89	3.60	1.42	0.611	2.542	4.162	1735.	19.	3.	760.7	31.6	1
2586	10	468	37.1068	89.7634	-876.0		QAL	9.03	1.47	1.29	0.0	0.0	7.004	1659.	39.	7.	758.7	31.7	1
2587	0	472	37.1068	89.7641	-877.5		QAL	8.63	4.09	0.83	0.474	4.911	10.368	1668.	45.	6.	757.6	31.8	1
2588	10	476	37.1069	89.7647	-881.5		QAL	8.43	1.04	1.65	0.0	0.0	5.121	1713.	40.	8.	759.7	31.7	1
2589	0	480	37.1069	89.7654	-878.5		QAL	5.05	2.67	1.22	0.528	2.182	4.133	1597.	43.	5.	758.7	31.6	1
2590	0	476	37.1069	89.7661	-873.5		QAL	7.22	4.68	1.09	0.647	4.271	6.600	1546.	43.	6.	758.7	31.4	1
2591	0	472	37.1069	89.7667	-868.2		QAL	6.89	3.72	1.26	0.539	2.948	5.468	1701.	26.	5.	759.7	31.3	1
2592	0	468	37.1070	89.7673	-870.0		QAL	6.15	4.71	1.22	0.765	3.861	5.045	1770.	28.	3.	758.7	31.3	1
2593	0	460	37.1070	89.7680	-873.2		QAL	6.76	3.13	1.32	0.462	2.369	5.123	1617.	34.	5.	758.7	31.2	1
2594	0	456	37.1070	89.7687	-870.7		QAL	6.06	4.21	1.06	0.696	3.978	5.720	1607.	48.	8.	760.7	31.2	1
2595	10	452	37.1070	89.7693	-866.5		QAL	9.00	0.53	1.38	0.0	0.0	6.533	1601.	38.	8.	759.7	31.2	1
2596	0	448	37.1070	89.7700	-864.7		QAL	4.92	3.74	0.89	0.761	4.187	5.502	1527.	53.	10.	758.7	31.2	1
2597	10	444	37.1070	89.7707	-867.7		QAL	5.13	1.26	1.56	0.0	0.0	3.295	1609.	52.	12.	760.7	31.2	1

CP9 1P 12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2598	0	440	37.1071	89.7713	-869.5		QAL	6.08	2.94	1.19	0.484	2.469	5.102	1674.	44.	10.	759.7	31.2	1
2599	10	436	37.1071	89.7719	-864.7		QAL	9.02	0.85	1.23	0.0	0.0	7.316	1641.	42.	9.	759.2	31.2	1
2600	0	432	37.1071	89.7726	-863.2		QAL	5.62	3.14	1.24	0.559	2.525	4.521	1483.	56.	10.	761.2	31.2	1
2601	0	428	37.1071	89.7733	-864.7		QAL	5.71	1.68	1.15	0.295	1.470	4.981	1498.	45.	10.	760.2	31.3	1
2602	0	432	37.1071	89.7739	-859.0		QAL	7.20	3.85	1.05	0.535	3.667	6.856	1523.	35.	10.	758.7	31.4	1
2603	0	440	37.1072	89.7746	-858.2		QAL	5.93	3.13	1.14	0.528	2.742	5.197	1614.	43.	7.	760.7	31.4	1
2604	0	444	37.1072	89.7753	-867.2		QAL	4.76	3.54	1.28	0.743	2.761	3.714	1544.	45.	7.	759.7	31.5	1
2605	0	452	37.1072	89.7759	-866.7		QAL	7.37	3.72	1.05	0.505	3.530	6.990	1633.	42.	7.	758.7	31.4	1
2606	0	456	37.1072	89.7765	-860.7		QAL	6.01	2.43	1.18	0.404	2.061	5.094	1642.	42.	8.	760.7	31.5	1
2607	0	464	37.1073	89.7772	-857.0		QAL	6.48	2.13	1.35	0.329	1.577	4.799	1666.	38.	9.	760.7	31.5	1
2608	0	464	37.1073	89.7779	-853.2		QAL	7.49	3.92	1.08	0.524	3.627	6.925	1711.	27.	6.	758.7	31.5	1
2609	0	464	37.1073	89.7785	-851.7		QAL	6.49	2.52	1.35	0.388	1.870	4.827	1682.	33.	7.	759.7	31.4	1
2610	0	464	37.1073	89.7792	-850.0		QAL	8.66	2.78	1.43	0.322	1.946	6.050	1720.	50.	7.	760.7	31.4	1
2611	0	460	37.1073	89.7798	-845.5		QAL	7.11	3.61	0.99	0.508	3.659	7.207	1639.	38.	8.	758.7	31.3	1
2612	0	456	37.1074	89.7805	-846.7		QAL	6.51	5.37	1.00	0.825	5.375	6.516	1694.	33.	5.	758.7	31.3	1
2613	0	452	37.1074	89.7812	-847.5		QAL	4.80	4.23	1.55	0.882	2.727	3.091	1725.	34.	5.	759.7	31.3	1
2614	0	452	37.1074	89.7818	-844.7		QAL	5.47	3.37	1.05	0.616	3.217	5.220	1751.	31.	6.	759.7	31.3	1
2615	0	448	37.1074	89.7825	-846.2		QAL	8.74	2.96	1.37	0.339	2.165	6.381	1796.	40.	6.	758.7	31.3	1
2616	0	448	37.1075	89.7831	-849.2		QAL	9.06	1.66	1.42	0.183	1.170	6.399	1771.	43.	3.	759.2	31.3	1
2617	0	444	37.1075	89.7838	-845.0		QAL	7.38	2.92	1.66	0.396	1.755	4.431	1824.	44.	5.	760.2	31.4	1
2618	0	444	37.1075	89.7845	-838.7		QAL	6.48	5.43	1.18	0.838	4.619	5.511	1756.	34.	0.	759.2	31.3	1
2619	0	444	37.1075	89.7852	-840.2		QAL	8.31	3.49	1.33	0.420	2.624	6.241	1797.	31.	5.	758.1	31.3	1
2620	0	444	37.1076	89.7858	-845.2		QAL	6.79	4.47	1.12	0.658	3.979	6.042	1842.	40.	5.	759.7	31.4	1
2621	0	444	37.1076	89.7864	-843.2		QAL	8.29	2.78	1.53	0.336	1.824	5.435	1859.	35.	4.	760.7	31.3	1
2622	10	440	37.1076	89.7870	-833.5		QAL	10.45	0.62	1.59	0.0	0.0	6.577	1855.	46.	7.	759.7	31.2	1
2623	0	440	37.1076	89.7878	-828.0		QAL	6.63	4.50	1.45	0.678	3.098	4.568	1863.	42.	7.	759.7	31.3	1
2624	0	436	37.1076	89.7884	-831.0		QAL	7.99	3.39	1.38	0.425	2.466	5.809	1864.	39.	7.	759.7	31.3	1
2625	0	436	37.1077	89.7891	-836.0		QAL	9.14	1.73	1.53	0.189	1.131	5.981	1835.	46.	7.	759.2	31.4	1
2626	0	436	37.1077	89.7897	-829.7		QAL	7.00	4.28	1.37	0.611	3.133	5.131	1756.	35.	7.	760.2	31.5	1
2627	0	440	37.1077	89.7904	-825.2		QAL	5.34	3.10	1.33	0.580	2.330	4.016	1790.	36.	13.	761.2	31.4	1
2628	10	436	37.1077	89.7911	-830.0		QAL	9.35	1.12	1.50	0.0	0.0	6.255	1770.	53.	11.	760.7	31.4	1
2629	0	428	37.1078	89.7917	-829.7		QAL	8.26	3.27	1.21	0.396	2.697	6.805	1693.	57.	5.	759.7	31.4	1
2630	0	428	37.1078	89.7924	-821.7		QAL	9.52	3.47	1.16	0.364	2.993	8.217	1786.	41.	6.	759.7	31.4	1
2631	0	428	37.1078	89.7930	-822.0		QAL	7.90	3.57	1.24	0.452	2.884	6.374	1824.	26.	7.	760.7	31.4	1
2632	0	432	37.1078	89.7937	-823.7		QAL	7.34	3.15	1.43	0.430	2.212	5.148	1745.	43.	4.	760.7	31.4	1
2633	10	440	37.1078	89.7944	-822.7		QAL	5.77	0.04	1.62	0.0	0.0	3.559	1734.	55.	7.	758.7	31.4	1
2634	0	440	37.1078	89.7950	-820.7		QAL	7.37	3.27	1.19	0.444	2.754	6.207	1685.	51.	3.	759.7	31.3	1
2635	0	444	37.1078	89.7957	-818.2		QAL	7.85	4.90	1.01	0.625	4.861	7.780	1733.	50.	1.	760.7	31.3	1
2636	0	444	37.1079	89.7963	-819.2		QAL	4.76	2.41	1.67	0.507	1.447	2.852	1796.	42.	4.	758.7	31.3	1
2637	0	444	37.1079	89.7970	-814.2		QAL	7.66	4.07	1.33	0.532	3.058	5.747	1664.	38.	0.	759.7	31.2	1
2638	0	440	37.1080	89.7976	-812.5		QAL	9.08	2.43	1.31	0.267	1.857	6.946	1644.	48.	3.	761.8	31.3	1
2639	0	444	37.1079	89.7983	-815.7		QAL	11.94	2.37	1.08	0.199	2.204	11.097	1662.	42.	0.	758.7	31.3	1
2640	0	448	37.1080	89.7990	-816.0		QAL	9.05	3.86	1.31	0.427	2.949	6.909	1666.	49.	3.	758.7	31.3	1
2641	0	452	37.1080	89.7996	-815.7		QAL	6.83	1.64	1.57	0.240	1.048	4.360	1653.	48.	2.	760.7	31.2	1
2642	0	456	37.1080	89.8003	-817.0		QAL	8.22	3.19	1.21	0.389	2.631	6.768	1636.	35.	0.	759.2	31.3	1
2643	0	456	37.1080	89.8009	-811.0		QAL	6.93	2.50	1.26	0.361	1.984	5.496	1505.	33.	4.	758.1	31.4	1
2644	0	460	37.1081	89.8017	-808.0		QAL	7.29	3.06	1.34	0.420	2.287	5.452	1615.	33.	3.	760.7	31.5	1
2645	0	460	37.1081	89.8022	-810.5		QAL	6.95	5.29	1.03	0.761	5.108	6.714	1591.	42.	0.	760.7	31.5	1
2646	0	456	37.1081	89.8029	-809.2		QAL	6.71	4.36	1.10	0.650	3.963	6.101	1590.	35.	2.	758.7	31.4	1
2647	0	452	37.1082	89.8036	-805.7		QAL	7.57	3.09	1.28	0.408	2.418	5.922	1555.	43.	5.	759.7	31.3	1
2648	0	448	37.1082	89.8042	-806.5		QAL	3.86	5.71	0.86	1.481	6.620	4.469	1557.	46.	4.	760.7	31.2	1
2649	0	440	37.1082	89.8049	-809.0		QAL	7.36	2.07	1.03	0.281	2.016	7.167	1551.	45.	8.	758.7	31.2	1
2650	0	440	37.1082	89.8056	-804.2		QAL	7.84	3.74	1.16	0.478	3.221	6.741	1629.	31.	8.	758.7	31.1	1

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2651	0	436	37.1082	89.8062	-799.2	QAL	7.94	2.43	1.27	0.305	1.914	6.266	1626.	43.	8.	760.2	31.3	1
2652	0	440	37.1082	89.8069	-802.0	QAL	8.34	3.94	0.93	0.473	4.216	8.921	1536.	43.	6.	759.2	31.4	1
2653	0	444	37.1083	89.8075	-807.0	QAL	7.40	2.40	1.32	0.324	1.812	5.593	1603.	36.	8.	759.2	31.3	1
2654	0	444	37.1083	89.8082	-805.5	QAL	6.18	2.08	1.30	0.336	1.599	4.753	1638.	40.	13.	760.7	31.3	1
2655	0	444	37.1083	89.8089	-800.2	QAL	8.03	2.57	1.21	0.320	2.113	6.610	1655.	49.	6.	759.7	31.3	1
2656	0	444	37.1083	89.8095	-800.7	QAL	6.06	3.32	1.08	0.547	3.065	5.602	1555.	42.	7.	758.1	31.3	1
2657	0	440	37.1083	89.8102	-802.7	QAL	6.72	5.31	1.14	0.790	4.667	5.908	1618.	42.	4.	760.2	31.3	1
2658	0	436	37.1084	89.8108	-800.5	QAL	6.29	3.29	1.32	0.523	2.486	4.756	1649.	43.	7.	761.2	31.3	1
2659	0	436	37.1084	89.8114	-797.0	QAL	7.40	2.82	1.43	0.381	1.972	5.175	1592.	45.	3.	759.2	31.3	1
2660	0	432	37.1084	89.8121	-800.2	QAL	6.95	3.02	1.17	0.435	2.573	5.917	1611.	43.	6.	759.2	31.3	1
2661	0	432	37.1084	89.8128	-805.5	QAL	9.03	3.80	1.33	0.420	2.855	6.790	1682.	34.	5.	760.7	31.3	1
2662	0	432	37.1085	89.8135	-800.7	QAL	6.10	4.66	1.19	0.764	3.911	5.116	1661.	41.	4.	760.7	31.3	1
2663	0	432	37.1085	89.8141	-797.0	QAL	7.51	1.80	1.02	0.240	1.762	7.345	1622.	52.	8.	759.7	31.3	1
2664	0	432	37.1085	89.8148	-799.0	QAL	7.50	2.72	1.04	0.363	2.625	7.223	1651.	37.	10.	760.7	31.3	1
2665	0	436	37.1085	89.8154	-796.0	QAL	5.97	4.09	1.06	0.685	3.843	5.612	1658.	32.	13.	761.8	31.3	1
2666	0	436	37.1086	89.8161	-795.0	QAL	6.30	3.15	0.87	0.500	3.621	7.245	1576.	47.	13.	760.7	31.4	1
2667	0	440	37.1086	89.8167	-799.0	QAL	4.10	3.87	1.32	0.945	2.936	3.108	1662.	38.	13.	758.7	31.4	1
2668	0	444	37.1086	89.8174	-796.0	QAL	6.92	1.73	0.91	0.250	1.911	7.634	1557.	48.	16.	760.7	31.4	1
2669	0	444	37.1086	89.8181	-793.0	QAL	3.73	3.52	0.98	0.944	3.596	3.810	1491.	33.	14.	761.8	31.3	1
2670	0	440	37.1086	89.8187	-795.2	QAL	6.51	3.17	1.15	0.488	2.754	5.643	1510.	40.	11.	759.7	31.4	1
2671	0	440	37.1087	89.8194	-798.2	QAL	5.51	3.34	0.97	0.607	3.460	5.700	1493.	43.	9.	759.7	31.4	1
2672	0	440	37.1087	89.8201	-800.0	QAL	7.77	2.82	0.89	0.363	3.180	8.770	1507.	42.	7.	760.7	31.3	1
2673	0	436	37.1087	89.8207	-797.7	QAL	4.63	3.51	1.05	0.759	3.351	4.415	1514.	42.	6.	761.8	31.3	1
2674	0	436	37.1087	89.8213	-792.7	QAL	6.52	2.03	1.00	0.312	2.023	6.488	1387.	45.	6.	760.7	31.3	1
2675	0	432	37.1088	89.8220	-793.2	QAL	5.08	3.63	0.72	0.715	5.032	7.041	1385.	39.	6.	758.7	31.3	1
2676	0	432	37.1088	89.8227	-793.2	QAL	6.18	3.77	0.92	0.610	4.101	6.719	1382.	29.	5.	758.7	31.4	1
2677	0	432	37.1088	89.8233	-788.0	QAL	5.84	2.86	0.61	0.489	4.701	9.610	1278.	49.	6.	761.8	31.4	1
2678	0	432	37.1088	89.8240	-790.7	QAL	3.99	2.50	0.40	0.627	6.191	9.875	1071.	57.	8.	760.7	31.5	1
2679	10	436	37.1089	89.8247	-796.2	QAL	4.06	1.11	0.42	0.0	0.0	9.631	863.	39.	10.	758.7	31.6	1
2680	10	440	37.1089	89.8253	-793.0	QAL	2.33	0.68	0.30	0.0	0.0	7.730	650.	37.	11.	759.2	31.6	1
2681	11	444	37.1089	89.8259	-792.5	QAL	2.75	0.58	-0.03	0.0	0.0	0.0	557.	46.	13.	761.2	31.7	1
2682	10	448	37.1089	89.8266	-798.7	QAL	3.34	0.19	0.26	0.0	0.0	12.613	571.	34.	13.	761.2	31.6	1
2683	110	452	37.1089	89.8273	-797.5	QAL	0.58	0.50	0.65	0.0	0.0	0.0	712.	47.	13.	760.2	31.5	1
2684	10	452	37.1090	89.8279	-800.0	QAL	2.13	1.19	0.50	0.0	0.0	4.282	915.	45.	12.	759.7	31.5	1
2685	0	452	37.1089	89.8286	-800.0	QAL	4.71	2.20	0.85	0.466	2.570	5.513	1182.	45.	10.	759.7	31.4	1
2686	10	452	37.1090	89.8292	-796.0	QAL	4.79	0.67	0.86	0.0	0.0	5.580	1272.	31.	13.	760.7	31.4	1
2687	0	444	37.1090	89.8300	-796.7	QAL	6.61	1.54	0.98	0.233	1.577	6.760	1373.	35.	7.	761.2	31.3	1
2688	0	440	37.1091	89.8306	-800.7	QAL	7.30	1.85	1.10	0.254	1.690	6.656	1394.	29.	9.	760.2	31.3	1
2689	0	436	37.1090	89.8312	-798.2	QAL	5.52	4.45	0.88	0.807	5.084	6.301	1428.	41.	7.	759.7	31.3	1
2690	10	432	37.1091	89.8319	-799.7	QAL	6.24	1.13	0.90	0.0	0.0	6.962	1382.	45.	10.	760.7	31.3	1
2691	0	428	37.1091	89.8325	-799.2	QAL	4.95	2.95	1.32	0.597	2.241	3.756	1480.	46.	5.	761.8	31.3	1
2692	0	424	37.1091	89.8332	-799.0	QAL	5.70	2.46	1.05	0.431	2.348	5.450	1446.	41.	2.	760.7	31.3	1
2693	0	424	37.1091	89.8339	-802.0	QAL	6.12	1.77	0.94	0.289	1.888	6.536	1404.	29.	4.	759.7	31.3	1
2694	10	416	37.1091	89.8345	-795.2	QAL	7.36	1.23	1.14	0.0	0.0	6.431	1456.	40.	0.	759.7	31.4	1
2695	0	408	37.1092	89.8352	-790.2	QAL	6.33	3.56	1.29	0.562	2.768	4.927	1484.	32.	0.	761.8	31.4	1
2696	0	428	37.1092	89.8358	-801.2	QAL	7.42	2.37	1.12	0.320	2.120	6.622	1450.	53.	0.	761.2	31.5	1
2697	0	432	37.1092	89.8365	-810.0	QAL	6.87	1.74	1.37	0.254	1.273	5.009	1449.	34.	1.	759.2	31.5	1
2698	0	436	37.1092	89.8372	-807.5	QAL	5.32	3.09	1.17	0.581	2.631	4.527	1477.	43.	0.	759.2	31.6	1
2699	0	440	37.1093	89.8378	-811.2	QAL	6.18	2.88	0.98	0.466	2.940	6.316	1468.	53.	0.	760.2	31.5	1
2700	0	444	37.1093	89.8385	-812.2	QAL	4.44	3.05	1.45	0.687	2.096	3.052	1487.	44.	0.	761.2	31.4	1
2701	0	444	37.1093	89.8391	-810.5	QAL	4.60	3.58	1.14	0.779	3.148	4.043	1441.	40.	2.	760.2	31.4	1
2702	0	444	37.1093	89.8397	-810.5	QAL	6.33	2.59	1.26	0.409	2.051	5.016	1522.	31.	5.	758.7	31.5	1
2703	0	444	37.1094	89.8405	-812.5	QAL	4.77	1.87	1.06	0.392	1.771	4.521	1358.	36.	5.	759.7	31.5	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	REDUCED DATA GROSS	COS	UAIR	PRESS	TEMP	SYS
2704	0	448	37.1094	89.8411	-816.5		QAL	6.98	3.24	0.73	0.464	4.424	9.539	1337.	43.	8.	761.8	31.5	1
2705	10	452	37.1094	89.8418	-820.0		QAL	5.03	0.93	1.08	0.0	0.0	4.644	1273.	45.	10.	759.7	31.4	1
2706	0	452	37.1094	89.8424	-816.7		QAL	4.55	2.68	0.78	0.589	3.448	5.854	1310.	37.	9.	758.1	31.4	1
2707	0	452	37.1094	89.8431	-813.0		QAL	5.54	2.86	0.80	0.517	3.598	6.964	1242.	45.	5.	759.7	31.3	1
2708	10	448	37.1095	89.8437	-816.0		QAL	3.28	1.25	0.85	0.0	0.0	3.873	1199.	42.	8.	761.8	31.3	1
2709	0	444	37.1095	89.8444	-818.7		QAL	4.35	2.06	0.96	0.475	2.148	4.526	1288.	44.	7.	760.7	31.4	1
2710	0	440	37.1095	89.8451	-817.0		QAL	5.15	3.26	1.06	0.634	3.074	4.848	1433.	32.	4.	758.7	31.3	1
2711	10	432	37.1095	89.8457	-815.7		QAL	4.89	1.08	1.31	0.0	0.0	3.724	1453.	35.	8.	758.1	31.1	1
2712	10	428	37.1096	89.8464	-821.0		QAL	5.77	0.66	1.12	0.0	0.0	5.175	1398.	40.	3.	760.2	31.2	1
2713	0	428	37.1095	89.8470	-821.7		QAL	4.05	1.86	1.21	0.460	1.543	3.354	1299.	51.	8.	761.2	31.2	1
2714	0	428	37.1096	89.8477	-818.2		QAL	6.67	1.54	1.23	0.231	1.254	5.439	1459.	34.	8.	759.7	31.1	1
2715	0	428	37.1096	89.8484	-820.5		QAL	7.00	3.54	1.11	0.506	3.181	6.281	1407.	42.	12.	758.7	31.1	1
2716	10	424	37.1096	89.8490	-824.2		QAL	4.88	0.49	1.28	0.0	0.0	3.811	1343.	28.	11.	759.7	31.2	1
2717	0	428	37.1096	89.8496	-824.0		QAL	4.72	2.65	1.53	0.562	1.730	3.079	1377.	54.	11.	760.7	31.2	1
2718	0	428	37.1096	89.8503	-824.2		QAL	4.62	2.56	1.24	0.555	2.071	3.732	1350.	42.	11.	760.7	31.2	1
2719	0	428	37.1097	89.8510	-826.7		QAL	4.06	1.75	1.55	0.430	1.130	2.626	1412.	39.	8.	759.7	31.2	1
2720	10	428	37.1097	89.8517	-826.2		QAL	5.68	0.89	1.32	0.0	0.0	4.299	1355.	42.	6.	758.7	31.2	1
2721	0	428	37.1097	89.8523	-827.5		QAL	4.97	3.12	1.23	0.627	2.532	4.039	1480.	40.	6.	760.7	31.2	1
2722	0	428	37.1097	89.8530	-829.0		QAL	6.07	1.87	1.47	0.309	1.273	4.122	1494.	43.	9.	761.8	31.2	1
2723	0	428	37.1098	89.8536	-830.7		QAL	4.63	4.46	1.04	0.963	4.277	4.444	1541.	35.	3.	759.7	31.2	1
2724	0	428	37.1098	89.8542	-834.5		QAL	6.81	2.67	0.80	0.392	3.351	8.553	1463.	47.	6.	758.7	31.2	1
2725	0	428	37.1098	89.8550	-833.2		QAL	5.69	3.55	1.21	0.624	2.947	4.721	1484.	39.	3.	759.7	31.2	1
2726	0	428	37.1098	89.8556	-828.7		QAL	4.23	4.23	1.28	1.000	3.314	3.315	1469.	27.	4.	760.7	31.2	1
2727	0	424	37.1098	89.8562	-828.5		QAL	5.74	3.18	1.04	0.553	3.052	5.515	1425.	40.	4.	760.7	31.2	1
2728	0	420	37.1099	89.8569	-830.2		QAL	6.51	2.07	1.16	0.318	1.792	5.631	1340.	41.	5.	760.7	31.2	1
2729	0	420	37.1099	89.8575	-829.5		QAL	5.76	2.95	0.92	0.512	3.205	6.258	1385.	55.	5.	759.7	31.2	1
2730	0	416	37.1099	89.8583	-828.7		QAL	6.28	2.61	0.91	0.416	2.857	6.873	1347.	41.	3.	759.7	31.2	1
2731	0	416	37.1099	89.8589	-832.5		QAL	6.81	2.48	1.28	0.364	1.935	5.313	1395.	41.	0.	761.8	31.2	1
2732	0	412	37.1100	89.8596	-835.0		QAL	7.45	2.46	1.23	0.330	1.992	6.033	1459.	30.	3.	762.3	31.2	1
2733	0	404	37.1100	89.8602	-833.0		QAL	7.14	2.68	1.14	0.375	2.344	6.250	1458.	41.	0.	761.8	31.2	1
2734	0	404	37.1100	89.8608	-829.2		QAL	5.98	1.92	1.25	0.321	1.536	4.791	1531.	35.	0.	760.7	31.2	1
2735	0	396	37.1100	89.8615	-827.2		QAL	8.20	2.14	0.91	0.261	2.356	9.019	1421.	39.	0.	759.7	31.1	1
2736	0	388	37.1101	89.8622	-830.0		QAL	8.84	2.39	1.03	0.271	2.334	8.616	1502.	42.	0.	759.7	31.1	1
2737	0	384	37.1101	89.8629	-831.2		QAL	7.59	2.73	0.95	0.359	2.863	7.973	1440.	33.	0.	760.7	31.1	1
2738	0	380	37.1101	89.8635	-826.7		QAL	7.59	2.02	1.03	0.266	1.966	7.393	1470.	43.	0.	761.8	31.1	1
2739	0	380	37.1101	89.8641	-825.2		QAL	6.91	1.52	1.14	0.220	1.332	6.053	1448.	40.	0.	761.8	31.1	1
2740	0	384	37.1101	89.8648	-831.2		QAL	6.84	2.72	0.85	0.398	3.196	8.041	1484.	39.	1.	761.8	31.2	1
2741	0	384	37.1102	89.8655	-831.7		QAL	7.89	2.36	1.31	0.299	1.792	6.002	1572.	31.	2.	761.2	31.1	1
2742	0	384	37.1102	89.8661	-832.2		QAL	7.16	2.65	1.13	0.370	2.342	6.327	1540.	47.	2.	760.2	31.1	1
2743	0	380	37.1102	89.8668	-833.7		QAL	8.43	2.54	1.24	0.301	2.050	6.801	1635.	22.	5.	760.2	31.1	1
2744	0	384	37.1102	89.8674	-828.2		QAL	8.20	3.43	1.19	0.418	2.869	6.866	1603.	27.	7.	761.2	31.2	1
2745	0	384	37.1102	89.8681	-827.2		QAL	5.52	3.23	0.99	0.585	3.251	5.561	1563.	35.	8.	762.3	31.4	1
2746	10	392	37.1102	89.8688	-832.7		QAL	7.49	1.30	1.00	0.0	0.0	7.522	1527.	43.	12.	762.8	31.4	1
2747	10	396	37.1103	89.8695	-831.5		QAL	6.98	1.41	1.00	0.0	0.0	6.968	1435.	40.	10.	761.8	31.4	1
2748	10	396	37.1103	89.8701	-827.2		QAL	7.11	0.63	0.89	0.0	0.0	8.028	1425.	47.	11.	760.7	31.4	1
2749	0	400	37.1104	89.8707	-831.0		QAL	7.59	1.67	0.68	0.220	2.452	11.160	1398.	35.	11.	760.7	31.3	1
2750	10	400	37.1104	89.8714	-831.7		QAL	5.90	0.46	0.90	0.0	0.0	6.546	1396.	37.	13.	759.7	31.3	1
2751	0	404	37.1104	89.8720	-830.5		QAL	6.81	2.88	0.68	0.423	4.250	10.044	1377.	33.	13.	759.7	31.2	1
2752	0	400	37.1104	89.8727	-829.2		QAL	5.03	2.58	0.81	0.512	3.163	6.175	1353.	49.	16.	760.7	31.1	1
2753	10	396	37.1104	89.8734	-825.0		QAL	6.23	0.62	0.97	0.0	0.0	6.432	1423.	35.	15.	760.7	31.2	1
2754	0	400	37.1104	89.8741	-826.0		QAL	6.46	1.60	0.81	0.248	1.972	7.944	1416.	30.	14.	761.8	31.2	1
2755	0	400	37.1104	89.8747	-832.7		QAL	5.50	3.12	1.06	0.568	2.948	5.186	1483.	33.	11.	761.2	31.3	1
2756	10	400	37.1105	89.8753	-831.0		QAL	9.05	1.00	0.64	0.0	0.0	14.231	1362.	42.	9.	760.2	31.4	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2757	0	404	37.1105	89.8760	-825.5	QAL	7.10	1.61	0.84	0.226	1.921	8.481	1404.	39.	8.	760.2	31.4	1
2758	0	408	37.1105	89.8767	-826.2	QAL	6.38	2.33	0.97	0.366	2.415	6.601	1474.	39.	8.	760.2	31.4	1
2759	0	408	37.1105	89.8773	-827.2	QAL	6.58	2.45	0.99	0.373	2.482	6.661	1454.	34.	3.	759.7	31.3	1
2760	0	412	37.1106	89.8780	-825.2	QAL	7.91	3.05	0.73	0.386	4.196	10.875	1454.	34.	7.	759.7	31.2	1
2761	0	412	37.1106	89.8786	-824.2	QAL	7.06	3.13	0.98	0.444	3.201	7.216	1435.	41.	6.	759.2	31.1	1
2762	0	412	37.1106	89.8792	-826.2	QAL	7.53	2.80	0.80	0.372	3.482	9.365	1430.	43.	5.	759.2	31.2	1
2763	0	412	37.1106	89.8799	-828.0	QAL	5.42	2.11	1.19	0.390	1.783	4.573	1459.	33.	9.	761.2	31.2	1
2764	0	416	37.1106	89.8805	-827.0	QAL	6.37	1.88	1.08	0.295	1.735	5.886	1511.	28.	9.	761.2	31.2	1
2765	10	416	37.1106	89.8811	-829.5	QAL	7.63	0.86	1.25	0.0	0.0	6.103	1528.	31.	11.	761.2	31.2	1
2766	0	420	37.1107	89.8817	-832.0	QAL	7.26	2.22	0.97	0.306	2.295	7.504	1475.	45.	12.	761.8	31.3	1
2767	0	424	37.1107	89.8824	-827.5	QAL	5.56	4.59	0.92	0.825	5.008	6.069	1579.	37.	7.	761.8	31.3	1
2768	0	424	37.1107	89.8829	-825.5	QAL	8.79	3.12	0.96	0.355	3.242	9.137	1494.	41.	6.	761.8	31.4	1
2769	0	424	37.1107	89.8835	-832.0	QAL	8.09	1.90	0.81	0.235	2.338	9.970	1474.	46.	7.	761.8	31.3	1
2770	0	424	37.1107	89.8842	-836.2	QAL	5.96	2.32	0.91	0.389	2.553	6.558	1460.	37.	7.	760.7	31.3	1
2771	0	424	37.1107	89.8848	-833.7	QAL	7.34	1.73	1.41	0.236	1.228	5.208	1457.	39.	2.	760.7	31.3	1
2772	0	424	37.1107	89.8854	-829.5	QAL	8.40	2.40	1.06	0.286	2.259	7.907	1502.	32.	3.	760.7	31.3	1
2773	0	428	37.1108	89.8860	-832.5	QAL	6.79	2.84	0.80	0.418	3.567	8.538	1461.	35.	0.	760.7	31.3	1
2774	0	432	37.1107	89.8866	-838.0	QAL	8.33	1.70	1.00	0.204	1.699	8.316	1400.	46.	1.	760.2	31.3	1
2775	10	432	37.1107	89.8872	-837.5	QAL	5.56	0.75	1.39	0.0	0.0	4.014	1421.	36.	6.	759.2	31.3	1
2776	0	428	37.1107	89.8878	-832.7	QAL	6.45	1.72	1.32	0.267	1.308	4.896	1414.	35.	7.	759.2	31.3	1
2777	0	420	37.1108	89.8884	-831.7	QAL	4.85	1.53	1.17	0.316	1.315	4.161	1329.	41.	7.	759.2	31.2	1
2778	0	416	37.1108	89.8890	-833.2	QAL	5.30	1.63	1.41	0.308	1.154	3.752	1415.	41.	8.	759.2	31.2	1
2779	10	412	37.1108	89.8896	-833.5	QAL	7.19	0.95	1.41	0.0	0.0	5.087	1353.	47.	9.	758.1	31.2	1
2780	0	412	37.1108	89.8902	-833.5	QAL	4.34	2.31	1.20	0.533	1.923	3.609	1430.	43.	8.	760.2	31.3	1
2781	10	412	37.1108	89.8908	-840.0	QAL	6.02	0.57	1.02	0.0	0.0	5.887	1377.	51.	10.	761.2	31.3	1
2782	0	412	37.1108	89.8914	-841.0	QAL	5.36	4.03	1.20	0.752	3.361	4.468	1505.	44.	7.	760.2	31.3	1
2783	0	408	37.1108	89.8920	-838.7	QAL	4.05	3.28	1.27	0.811	2.578	3.179	1420.	46.	4.	760.2	31.3	1
2784	10	408	37.1109	89.8927	-839.0	QAL	3.94	1.11	1.50	0.0	0.0	2.618	1394.	37.	7.	761.2	31.4	1
2785	0	408	37.1109	89.8932	-837.2	QAL	5.23	3.88	1.05	0.742	3.709	4.996	1362.	44.	0.	761.2	31.4	1
2786	0	408	37.1109	89.8939	-841.2	QAL	5.79	2.26	1.44	0.391	1.578	4.037	1406.	36.	4.	761.2	31.3	1
2787	0	408	37.1109	89.8944	-845.0	QAL	5.13	1.99	1.17	0.389	1.703	4.382	1387.	44.	3.	762.3	31.2	1
2788	0	404	37.1109	89.8951	-845.5	QAL	5.11	2.86	1.20	0.559	2.389	4.272	1384.	44.	4.	761.8	31.2	1
2789	10	396	37.1109	89.8957	-848.7	QAL	4.62	1.03	1.45	0.0	0.0	3.173	1315.	50.	4.	760.7	31.2	1
2790	0	396	37.1109	89.8962	-848.7	QAL	4.06	2.47	1.28	0.608	1.936	3.183	1327.	41.	2.	761.2	31.2	1
2791	0	396	37.1110	89.8969	-850.0	QAL	4.86	1.67	1.32	0.344	1.265	3.674	1274.	36.	3.	761.2	31.1	1
2792	0	392	37.1110	89.8974	-850.5	QAL	4.16	2.02	1.25	0.484	1.619	3.343	1324.	35.	3.	761.2	31.1	1
2793	0	392	37.1109	89.8981	-848.2	QAL	5.27	1.55	1.59	0.295	0.979	3.319	1428.	42.	6.	761.2	31.1	1
2794	0	388	37.1110	89.8987	-848.7	QAL	5.34	2.73	1.44	0.510	1.896	3.715	1427.	38.	4.	760.2	31.2	1
2795	10	388	37.1110	89.8994	-851.5	QAL	4.94	1.29	1.65	0.0	0.0	2.995	1425.	42.	9.	760.2	31.2	1
2796	0	388	37.1110	89.8999	-851.7	QAL	4.64	3.94	1.42	0.850	2.774	3.263	1445.	33.	7.	760.2	31.2	1
2797	10	388	37.1110	89.9005	-854.0	QAL	5.49	0.89	1.41	0.0	0.0	3.882	1391.	35.	9.	760.7	31.2	1
2798	0	388	37.1110	89.9011	-853.5	QAL	3.12	1.87	1.41	0.601	1.326	2.205	1366.	43.	10.	761.8	31.2	1
2799	10	388	37.1110	89.9018	-849.2	QAL	4.74	0.23	1.38	0.0	0.0	3.426	1396.	42.	11.	761.8	31.1	1
2800	0	388	37.1110	89.9024	-853.7	QAL	3.78	2.18	1.19	0.576	1.832	3.180	1426.	51.	12.	761.8	31.1	1
2801	10	388	37.1111	89.9029	-856.7	QAL	5.41	0.75	1.39	0.0	0.0	3.897	1372.	47.	14.	761.8	31.1	1
2802	0	388	37.1111	89.9035	-856.2	QAL	5.73	1.59	1.41	0.277	1.125	4.070	1501.	42.	14.	761.8	31.1	1
2803	0	384	37.1111	89.9041	-861.0	QAL	3.75	1.33	1.47	0.354	0.906	2.559	1494.	44.	11.	761.8	31.1	1
2804	10	380	37.1111	89.9048	-859.0	QAL	6.29	0.39	1.48	0.0	0.0	4.256	1453.	38.	12.	761.8	31.1	1
2805	0	380	37.1111	89.9053	-856.0	QAL	4.29	4.34	1.38	1.012	3.156	3.119	1408.	42.	8.	761.8	31.1	1
2806	0	376	37.1111	89.9060	-859.2	QAL	4.38	1.31	1.29	0.299	1.018	3.407	1393.	43.	10.	761.8	31.0	1
2807	0	380	37.1111	89.9066	-860.0	QAL	5.36	2.23	1.22	0.415	1.823	4.389	1434.	31.	8.	762.8	31.0	1
2808	0	380	37.1112	89.9072	-859.0	QAL	4.44	2.01	1.56	0.452	1.284	2.839	1452.	45.	5.	763.3	31.0	1
2809	0	380	37.1112	89.9078	-862.2	QAL	5.52	2.16	1.28	0.391	1.684	4.306	1493.	35.	6.	762.3	31.0	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2810	0	380	37.1111	89.9084	-865.5	QAL	5.42	1.50	1.33	0.276	1.128	4.085	1491.	33.	7.	761.8	31.1	1
2811	0	376	37.1111	89.9090	-869.0	QAL	4.50	1.79	1.31	0.398	1.368	3.439	1431.	37.	10.	762.8	31.0	1
2812	10	372	37.1112	89.9096	-867.0	QAL	5.15	0.74	1.46	0.0	0.0	3.526	1365.	38.	14.	762.8	31.1	1
2813	0	372	37.1112	89.9102	-866.5	QAL	3.43	1.74	1.53	0.507	1.136	2.240	1367.	41.	12.	762.8	31.0	1
2814	10	372	37.1112	89.9108	-870.2	QAL	3.88	0.75	1.43	0.0	0.0	2.722	1347.	46.	13.	762.8	31.0	1
2815	10	372	37.1112	89.9114	-869.0	QAL	5.69	1.26	1.09	0.0	0.0	5.216	1296.	51.	14.	762.8	31.1	1
2816	0	372	37.1112	89.9120	-866.7	QAL	3.47	2.43	1.29	0.700	1.880	2.685	1403.	41.	11.	761.8	31.1	1
2817	0	376	37.1112	89.9127	-873.7	QAL	4.28	1.56	1.36	0.365	1.144	3.134	1369.	48.	7.	762.8	31.1	1
2818	0	376	37.1112	89.9132	-873.0	QAL	5.16	2.12	1.34	0.412	1.578	3.833	1406.	38.	7.	762.8	31.2	1
2819	10	380	37.1113	89.9139	-871.5	QAL	4.97	-0.25	1.45	0.0	0.0	3.434	1356.	46.	9.	762.8	31.2	1
2820	0	388	37.1113	89.9144	-878.2	QAL	5.31	1.62	1.27	0.305	1.274	4.179	1373.	28.	6.	761.8	31.2	1
2821	0	392	37.1113	89.9151	-883.0	QAL	5.74	1.64	1.23	0.286	1.335	4.676	1389.	28.	5.	761.8	31.2	1
2822	0	392	37.1113	89.9157	-882.0	QAL	5.36	2.50	1.44	0.468	1.743	3.729	1420.	40.	3.	761.8	31.4	1
2823	0	396	37.1113	89.9163	-882.5	QAL	5.57	2.55	1.25	0.458	2.041	4.462	1424.	47.	4.	762.8	31.4	1
2824	0	400	37.1113	89.9169	-884.5	QAL	5.37	2.86	1.22	0.533	2.351	4.410	1390.	37.	3.	761.8	31.4	1
2825	0	400	37.1113	89.9174	-882.0	QAL	4.66	1.51	1.31	0.325	1.155	3.560	1331.	51.	8.	760.7	31.4	1
2826	0	400	37.1114	89.9181	-883.5	QAL	5.18	2.58	1.16	0.497	2.219	4.463	1364.	47.	9.	761.2	31.4	1
2827	0	400	37.1114	89.9187	-890.5	QAL	4.41	1.53	1.41	0.346	1.086	3.135	1422.	33.	8.	762.3	31.4	1
2828	0	400	37.1114	89.9194	-890.5	QAL	5.93	1.86	1.29	0.313	1.443	4.607	1302.	49.	6.	761.2	31.4	1
2829	10	400	37.1114	89.9199	-886.5	QAL	6.35	1.05	1.35	0.0	0.0	4.721	1400.	39.	6.	761.2	31.3	1
2830	0	400	37.1114	89.9205	-887.7	QAL	5.45	1.54	1.20	0.282	1.283	4.545	1359.	42.	5.	762.8	31.3	1
2831	0	400	37.1114	89.9211	-888.5	QAL	4.46	2.12	1.29	0.476	1.651	3.467	1300.	49.	4.	761.8	31.4	1
2832	0	404	37.1114	89.9218	-887.2	QAL	5.41	3.20	1.14	0.592	2.809	4.745	1435.	40.	3.	760.2	31.4	1
2833	0	404	37.1114	89.9223	-892.0	QAL	3.74	2.13	1.20	0.571	1.779	3.115	1311.	43.	4.	760.2	31.4	1
2834	0	404	37.1114	89.9230	-893.2	QAL	5.17	2.14	1.41	0.414	1.514	3.654	1374.	46.	3.	760.2	31.4	1
2835	10	408	37.1114	89.9236	-889.5	QAL	4.66	1.07	1.38	0.0	0.0	3.385	1382.	34.	3.	759.7	31.5	1
2836	10	408	37.1114	89.9242	-886.7	QAL	6.01	1.22	1.34	0.0	0.0	4.488	1401.	35.	5.	759.7	31.4	1
2837	0	412	37.1115	89.9248	-892.5	QAL	4.48	2.36	1.10	0.527	2.147	4.072	1444.	40.	3.	759.7	31.3	1
2838	0	408	37.1115	89.9254	-895.5	QAL	4.04	1.42	1.62	0.351	0.877	2.497	1386.	41.	6.	759.7	31.2	1
2839	0	400	37.1115	89.9260	-894.7	QAL	6.14	2.68	1.29	0.437	2.087	4.776	1449.	32.	7.	759.7	31.1	1
2840	0	396	37.1115	89.9266	-896.2	QAL	4.23	2.14	1.33	0.507	1.609	3.173	1372.	50.	7.	760.7	31.1	1
2841	0	392	37.1115	89.9272	-894.2	QAL	4.04	1.52	1.32	0.377	1.157	3.068	1419.	42.	8.	761.8	31.0	1
2842	0	392	37.1115	89.9278	-892.0	QAL	5.19	1.99	1.37	0.384	1.452	3.782	1478.	28.	6.	761.8	31.1	1
2843	0	396	37.1115	89.9284	-897.0	QAL	5.42	2.21	1.70	0.409	1.303	3.189	1460.	41.	7.	761.8	31.0	1
2844	0	396	37.1115	89.9290	-899.5	QAL	3.37	3.18	1.46	0.943	2.183	2.316	1428.	39.	5.	761.8	31.0	1
2845	10	392	37.1115	89.9296	-898.2	QAL	6.11	1.15	1.43	0.0	0.0	4.282	1423.	53.	6.	761.8	31.0	1
2846	0	392	37.1115	89.9302	-902.0	QAL	6.56	1.69	1.09	0.258	1.547	5.997	1406.	29.	10.	761.8	31.1	1
2847	10	396	37.1116	89.9309	-900.5	QAL	5.05	0.98	1.53	0.0	0.0	3.293	1437.	42.	10.	761.8	31.1	1
2848	0	396	37.1116	89.9314	-896.5	QAL	4.90	2.33	1.23	0.475	1.899	4.000	1453.	37.	9.	760.7	31.2	1
2849	0	396	37.1116	89.9320	-900.0	QAL	5.38	1.49	1.17	0.277	1.273	4.586	1433.	40.	8.	760.7	31.2	1
2850	10	400	37.1116	89.9327	-902.0	QAL	7.29	1.30	1.29	0.0	0.0	5.657	1462.	35.	7.	760.7	31.2	1
2851	0	400	37.1116	89.9332	-903.2	QAL	5.42	1.42	1.55	0.262	0.918	3.501	1514.	51.	9.	759.7	31.2	1
2852	0	404	37.1116	89.9339	-907.0	QAL	3.84	2.88	1.21	0.749	2.368	3.162	1472.	50.	8.	759.7	31.3	1
2853	0	404	37.1116	89.9344	-904.2	QAL	4.07	2.52	1.22	0.619	2.070	3.343	1487.	34.	5.	760.7	31.3	1
2854	0	404	37.1117	89.9351	-902.5	QAL	6.83	2.50	1.42	0.367	1.766	4.815	1497.	41.	4.	761.2	31.4	1
2855	10	404	37.1117	89.9357	-904.7	QAL	6.66	0.81	1.50	0.0	0.0	4.448	1490.	38.	2.	761.2	31.4	1
2856	0	408	37.1117	89.9363	-906.0	QAL	6.78	1.75	1.32	0.258	1.326	5.139	1457.	42.	1.	760.2	31.5	1
2857	0	416	37.1117	89.9369	-904.7	QAL	4.87	3.56	1.18	0.730	3.024	4.142	1420.	53.	2.	759.2	31.5	1
2858	10	416	37.1117	89.9375	-905.2	QAL	7.00	1.34	1.28	0.0	0.0	5.463	1417.	41.	4.	759.2	31.4	1
2859	0	416	37.1117	89.9381	-908.7	QAL	5.19	4.52	1.32	0.871	3.416	3.922	1489.	42.	2.	759.7	31.3	1
2860	10	412	37.1117	89.9387	-906.7	QAL	6.47	1.03	1.27	0.0	0.0	5.097	1357.	43.	3.	760.7	31.2	1
2861	0	412	37.1117	89.9393	-904.0	QAL	5.49	2.64	1.15	0.481	2.291	4.763	1450.	41.	0.	761.8	31.2	1
2862	0	408	37.1118	89.9399	-905.0	QAL	8.58	3.41	1.08	0.397	3.160	7.959	1537.	38.	1.	761.2	31.2	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2863	0	408	37.1117	89.9406	-905.0		QAL	6.51	1.65	1.32	0.254	1.255	4.952	1483.	38.	6.	760.2	31.1	1
2864	0	408	37.1117	89.9411	-903.2		QAL	7.01	2.97	0.80	0.424	3.721	8.783	1470.	42.	4.	759.7	31.1	1
2865	0	408	37.1118	89.9417	-906.5		QAL	6.73	2.15	0.95	0.319	2.270	7.109	1438.	33.	8.	759.7	31.1	1
2866	0	408	37.1118	89.9424	-904.5		QAL	9.63	3.09	0.83	0.321	3.734	11.620	1515.	43.	4.	760.7	31.2	1
2867	10	404	37.1118	89.9430	-903.5		QAL	7.08	0.75	1.42	0.0	0.0	4.999	1447.	49.	6.	761.8	31.1	1
2868	0	404	37.1118	89.9435	-907.2		QAL	6.09	2.50	1.12	0.410	2.241	5.461	1396.	41.	7.	761.8	31.1	1
2869	10	400	37.1118	89.9442	-903.5		QAL	5.95	0.74	1.12	0.0	0.0	5.316	1342.	45.	6.	759.7	31.1	1
2870	0	400	37.1118	89.9448	-900.7		QAL	6.15	1.76	1.17	0.287	1.504	5.245	1419.	49.	9.	759.2	31.1	1
2871	10	396	37.1118	89.9454	-905.2		QAL	7.45	0.66	1.08	0.0	0.0	6.867	1444.	35.	9.	761.2	31.1	1
2872	0	396	37.1119	89.9460	-906.7		QAL	6.79	2.34	1.13	0.345	2.075	6.021	1472.	30.	9.	762.3	31.1	1
2873	10	396	37.1119	89.9466	-905.0		QAL	7.28	0.70	1.28	0.0	0.0	5.708	1506.	32.	12.	762.3	31.1	1
2874	0	392	37.1119	89.9472	-900.5		QAL	5.37	2.20	1.19	0.410	1.846	4.498	1506.	36.	10.	761.8	31.1	1
2875	10	388	37.1119	89.9478	-897.7		QAL	6.23	0.74	1.12	0.0	0.0	5.541	1413.	46.	8.	760.7	31.1	1
2876	10	384	37.1119	89.9484	-904.0		QAL	8.14	1.21	1.27	0.0	0.0	6.389	1533.	41.	10.	759.7	31.1	1
2877	0	384	37.1119	89.9490	-905.5		QAL	6.99	2.87	1.23	0.410	2.335	5.688	1463.	45.	5.	760.7	31.2	1
2878	0	380	37.1119	89.9496	-899.7		QAL	6.67	1.66	1.10	0.249	1.508	6.052	1506.	36.	6.	761.8	31.2	1
2879	10	380	37.1120	89.9502	-899.2		QAL	6.41	0.76	1.22	0.0	0.0	5.234	1471.	40.	8.	761.8	31.2	1
2880	0	384	37.1119	89.9509	-902.5		QAL	6.46	1.63	1.17	0.253	1.390	5.502	1474.	43.	7.	760.7	31.2	1
2881	0	384	37.1119	89.9514	-899.0		QAL	6.98	2.98	1.22	0.427	2.436	5.708	1515.	26.	6.	760.2	31.2	1
2882	10	392	37.1119	89.9521	-897.0		QAL	6.75	1.31	1.22	0.0	0.0	5.525	1536.	31.	8.	760.2	31.2	1
2883	0	396	37.1120	89.9527	-897.7		QAL	7.76	2.33	1.11	0.300	2.096	6.985	1548.	48.	7.	761.2	31.2	1
2884	0	400	37.1120	89.9533	-896.2		QAL	7.03	2.58	1.16	0.366	2.212	6.037	1575.	46.	8.	761.8	31.2	1
2885	0	400	37.1120	89.9539	-898.5		QAL	7.43	2.32	1.09	0.312	2.124	6.812	1553.	42.	11.	760.7	31.2	1
2886	0	404	37.1120	89.9544	-900.0		QAL	6.42	3.97	1.10	0.619	3.594	5.811	1595.	43.	11.	760.2	31.3	1
2887	0	404	37.1120	89.9551	-900.2		QAL	5.32	1.99	1.03	0.373	1.923	5.151	1571.	33.	13.	760.2	31.4	1
2888	0	408	37.1120	89.9557	-897.5		QAL	8.59	2.81	1.01	0.328	2.801	8.549	1594.	29.	10.	761.2	31.4	1
2889	10	408	37.1120	89.9563	-886.5		QAL	8.53	1.52	1.32	0.0	0.0	6.457	1667.	34.	9.	762.3	31.4	1
2890	10	408	37.1121	89.9569	-886.7		QAL	6.36	1.51	1.38	0.0	0.0	4.602	1582.	42.	12.	761.8	31.2	1
2891	0	404	37.1121	89.9576	-894.0		QAL	6.67	3.80	1.09	0.569	3.485	6.121	1645.	42.	10.	760.2	31.1	1
2892	0	400	37.1121	89.9581	-891.5		QAL	8.62	1.67	1.05	0.194	1.586	8.196	1610.	43.	9.	760.2	31.1	1
2893	0	396	37.1121	89.9587	-887.0		QAL	6.79	2.83	1.35	0.417	2.091	5.017	1553.	41.	1.	761.2	31.0	1
2894	0	392	37.1121	89.9594	-886.0		QAL	7.09	2.13	1.29	0.301	1.657	5.513	1568.	37.	5.	761.2	31.0	1
2895	0	372	37.1121	89.9600	-885.5		QAL	7.61	3.11	1.20	0.409	2.601	6.361	1520.	39.	1.	760.2	31.0	1
2896	0	352	37.1121	89.9605	-886.0		QAL	6.69	3.52	1.02	0.526	3.441	6.546	1475.	47.	0.	759.7	31.0	1
2897	0	396	37.1122	89.9612	-881.7		OJC	8.65	2.71	1.40	0.313	1.932	6.175	1564.	38.	2.	760.7	31.0	1
2898	0	400	37.1122	89.9617	-883.5		OJC	7.00	3.24	1.02	0.463	3.175	6.856	1530.	45.	1.	761.2	31.0	1
2899	0	400	37.1122	89.9624	-886.7		OJC	6.56	1.49	1.01	0.228	1.481	6.504	1457.	42.	5.	761.2	31.0	1
2900	0	400	37.1122	89.9630	-882.0		OJC	6.28	3.81	0.90	0.606	4.248	7.011	1531.	29.	5.	760.2	30.9	1
2901	0	400	37.1122	89.9635	-880.7		OJC	8.89	2.05	0.95	0.231	2.150	9.321	1559.	42.	5.	760.2	30.9	1
2902	0	400	37.1122	89.9642	-879.5		OJC	8.31	2.21	0.80	0.266	2.749	10.350	1428.	47.	9.	761.8	31.0	1
2903	0	404	37.1122	89.9648	-876.7		OJC	6.35	1.65	1.09	0.260	1.518	5.835	1501.	38.	10.	761.8	31.1	1
2904	0	404	37.1122	89.9654	-875.2		OJC	7.83	2.38	1.29	0.304	1.846	6.065	1556.	38.	9.	760.2	31.0	1
2905	0	412	37.1122	89.9660	-874.7		OJC	7.81	3.37	0.89	0.432	3.773	8.733	1572.	30.	3.	760.2	31.1	1
2906	0	416	37.1122	89.9666	-871.7		OJC	6.31	3.39	0.94	0.537	3.584	6.678	1577.	46.	4.	761.2	31.1	1
2907	0	420	37.1123	89.9672	-873.0		OJC	6.27	2.41	0.91	0.385	2.656	6.898	1526.	38.	11.	761.8	31.0	1
2908	0	416	37.1123	89.9679	-869.7		OJC	5.93	3.64	0.95	0.613	3.811	6.217	1517.	41.	8.	760.7	31.0	1
2909	0	416	37.1123	89.9684	-866.5		OJC	7.24	3.52	0.76	0.486	4.604	9.468	1578.	38.	7.	759.7	30.9	1
2910	0	416	37.1123	89.9691	-869.0		OJC	7.19	3.24	0.71	0.450	4.537	10.082	1570.	49.	4.	760.2	30.9	1
2911	0	416	37.1123	89.9696	-871.0		OJC	8.54	3.60	0.86	0.422	4.199	9.952	1614.	45.	3.	760.7	30.8	1
2912	0	412	37.1123	89.9702	-868.2		OJC	7.00	3.16	1.10	0.452	2.883	6.377	1651.	24.	4.	760.7	30.8	1
2913	0	408	37.1123	89.9709	-862.2		QAL	6.90	4.71	0.89	0.682	5.292	7.761	1674.	41.	5.	759.7	30.8	1
2914	0	408	37.1123	89.9714	-862.0		QAL	7.21	3.04	1.10	0.422	2.760	6.549	1629.	39.	5.	758.7	30.9	1
2915	0	408	37.1124	89.9721	-863.7		QAL	9.79	2.51	0.95	0.256	2.638	10.293	1638.	54.	1.	760.2	31.0	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2916	0	408	37.1124	89.9727	-858.0	QAL	7.06	2.30	1.00	0.326	2.293	7.045	1548.	56.	2.	761.8	31.0	1
2917	0	408	37.1123	89.9733	-856.7	QAL	9.37	3.47	0.93	0.370	3.717	10.049	1580.	38.	0.	760.7	31.1	1
2918	0	412	37.1124	89.9739	-862.0	QAL	8.07	2.91	0.92	0.360	3.147	8.744	1576.	41.	3.	758.7	31.1	1
2919	0	412	37.1124	89.9745	-861.7	QAL	6.29	3.02	0.75	0.480	4.003	8.341	1518.	42.	9.	759.7	31.1	1
2920	0	412	37.1124	89.9751	-859.7	QAL	7.65	3.29	1.10	0.430	3.005	6.985	1619.	28.	9.	761.8	31.0	1
2921	0	408	37.1124	89.9757	-855.5	QAL	7.73	2.26	0.90	0.292	2.517	8.610	1509.	52.	9.	760.7	31.0	1
2922	0	404	37.1124	89.9763	-856.7	QAL	8.78	2.55	0.64	0.291	3.995	13.733	1571.	41.	12.	759.7	31.0	1
2923	0	400	37.1124	89.9769	-859.5	QAL	11.47	2.41	0.76	0.210	3.177	15.104	1596.	35.	8.	760.7	31.0	1
2924	0	396	37.1124	89.9776	-855.5	QAL	8.43	3.06	1.02	0.363	3.005	8.285	1556.	36.	8.	761.8	31.0	1
2925	0	392	37.1125	89.9781	-852.2	QAL	8.24	1.87	0.94	0.227	1.979	8.730	1574.	33.	10.	761.2	31.0	1
2926	0	368	37.1125	89.9787	-852.7	QAL	6.86	3.03	0.65	0.442	4.667	10.571	1469.	36.	6.	760.2	31.1	1
2927	0	364	37.1125	89.9794	-850.5	QAL	8.36	2.21	0.78	0.264	2.836	10.750	1467.	36.	7.	761.2	31.0	1
2928	0	368	37.1125	89.9799	-847.0	QAL	7.91	2.03	0.90	0.257	2.250	8.749	1458.	49.	7.	762.3	31.0	1
2929	0	364	37.1125	89.9805	-848.0	QAL	6.30	1.96	0.97	0.310	2.019	6.504	1442	38.	9.	761.2	31.0	1
2930	0	360	37.1125	89.9812	-851.5	QAL	7.51	2.11	0.80	0.281	2.639	9.401	1452.	37.	9.	760.2	31.0	1
2931	0	380	37.1125	89.9818	-848.0	QAL	5.11	2.29	1.18	0.449	1.939	4.321	1467.	44.	12.	761.2	31.0	1
2932	0	380	37.1125	89.9824	-845.0	QAL	7.96	2.08	0.91	0.261	2.298	8.789	1517.	40.	9.	761.8	31.0	1
2933	0	384	37.1125	89.9829	-849.7	QAL	7.21	1.83	0.99	0.253	1.848	7.292	1440.	41.	9.	760.7	31.0	1
2934	0	388	37.1125	89.9836	-846.7	QAL	5.68	2.68	0.96	0.471	2.780	5.904	1511.	26.	7.	759.7	31.1	1
2935	0	388	37.1125	89.9842	-842.7	QAL	5.95	1.52	0.87	0.255	1.746	6.857	1424.	36.	9.	760.7	31.1	1
2936	0	392	37.1126	89.9847	-844.2	QAL	6.33	3.49	0.88	0.552	3.950	7.160	1463.	39.	4.	761.8	31.1	1
2937	0	392	37.1126	89.9854	-840.5	QAL	6.85	2.88	0.86	0.421	3.344	7.948	1314.	40.	4.	760.7	31.2	1
2938	10	396	37.1126	89.9860	-836.5	QAL	5.82	1.32	0.77	0.0	0.0	7.536	1161.	46.	8.	759.7	31.2	1
2939	0	400	37.1126	89.9866	-840.0	QAL	4.50	3.12	0.66	0.694	4.735	6.826	1059.	39.	3.	760.7	31.3	1
2940	0	400	37.1126	89.9872	-839.0	QAL	4.32	2.65	0.42	0.614	6.324	10.294	882.	41.	1.	761.8	31.3	1
2941	0	404	37.1126	89.9879	-836.7	QAL	2.13	1.64	0.50	0.770	3.268	4.247	871.	40.	5.	760.2	31.2	1
2942	0	408	37.1126	89.9884	-839.5	QAL	3.60	1.69	0.57	0.471	2.967	6.297	883.	43.	6.	759.2	31.1	1
2943	10	408	37.1127	89.9891	-840.7	QAL	6.24	0.67	0.70	0.0	0.0	8.884	994.	35.	3.	761.2	31.0	1
2944	10	404	37.1127	89.9896	-839.7	QAL	4.49	1.10	0.62	0.0	0.0	7.211	1070.	43.	7.	762.3	31.0	1
2945	0	404	37.1127	89.9903	-838.5	QAL	6.23	2.29	0.79	0.368	2.917	7.920	1228.	43.	0.	760.2	30.9	1
2946	0	392	37.1127	89.9909	-837.5	QAL	4.31	2.30	0.90	0.535	2.547	4.764	1124.	45.	2.	759.7	31.0	1
2947	0	412	37.1127	89.9915	-838.0	QAL	4.68	2.32	1.11	0.494	2.080	4.208	1163.	44.	3.	761.8	30.9	1
2948	0	404	37.1127	89.9921	-836.0	QAL	5.65	3.07	0.89	0.544	3.472	6.385	1237.	37.	2.	761.8	30.9	1
2949	0	404	37.1127	89.9927	-834.2	QAL	5.15	2.78	0.86	0.540	3.242	6.004	1274.	51.	3.	759.7	30.9	1
2950	0	404	37.1127	89.9933	-835.7	QAL	8.32	2.87	0.55	0.345	5.180	15.003	1429.	39.	5.	760.7	30.9	1
2951	0	400	37.1127	89.9939	-836.0	QAL	6.91	3.60	0.92	0.521	3.933	7.545	1449.	35.	2.	761.8	30.9	1
2952	0	400	37.1127	89.9945	-832.5	QAL	6.88	3.99	0.81	0.580	4.910	8.463	1408.	38.	2.	759.7	30.9	1
2953	0	404	37.1128	89.9951	-836.7	QAL	7.92	3.08	1.09	0.390	2.831	7.265	1517.	54.	1.	759.7	30.9	1
2954	0	408	37.1128	89.9957	-837.0	QAL	8.14	2.70	0.88	0.332	3.081	9.272	1505.	35.	3.	761.8	30.9	1
2955	0	412	37.1128	89.9963	-833.5	QAL	6.74	4.05	1.14	0.600	3.543	5.905	1552.	26.	2.	760.7	31.0	1
2956	0	416	37.1128	89.9969	-838.2	QAL	5.65	5.11	0.89	0.905	5.723	6.325	1499.	37.	1.	758.7	31.0	1
2957	0	420	37.1128	89.9975	-838.5	QAL	8.03	3.24	0.99	0.403	3.257	8.074	1523.	42.	4.	760.2	31.0	1
2958	0	420	37.1128	89.9982	-833.0	QAL	7.18	4.08	0.97	0.569	4.216	7.415	1468.	36.	2.	760.2	31.0	1
2959	0	424	37.1128	89.9987	-835.5	QAL	8.31	2.00	1.07	0.241	1.866	7.731	1599.	40.	6.	758.1	31.0	1
2960	0	420	37.1128	89.9994	-836.5	QAL	7.38	2.56	0.96	0.347	2.678	7.725	1521.	37.	6.	760.7	31.0	1

FLIGHT LINE 12 DAY 168 REDUCED DATA TEX-KENT 1979 PADUCAH PAGE NO 590

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1	0	488	37.0210	90.0001	-802.0	KU	5.97	3.89	1.18	0.651	3.305	5.075	1738.	47.	22.	758.7	29.8	1
2	10	492	37.0209	89.9994	-803.2	KU	8.73	-0.01	1.33	0.0	0.0	6.556	1783.	39.	20.	757.6	29.9	1
3	10	484	37.0210	89.9986	-806.7	KU	7.87	1.80	1.21	0.0	0.0	6.519	1656.	45.	21.	758.7	30.0	1
4	10	472	37.0210	89.9979	-807.5	KU	6.71	0.33	1.28	0.0	0.0	5.250	1709.	32.	23.	758.7	30.0	1
5	0	464	37.0210	89.9972	-808.2	KU	9.44	2.59	0.90	0.274	2.886	10.527	1749.	33.	14.	757.1	30.0	1
6	10	452	37.0210	89.9965	-809.5	KU	8.06	0.78	1.45	0.0	0.0	5.572	1695.	39.	12.	758.1	30.0	1
7	10	428	37.0210	89.9957	-809.2	KU	7.68	1.18	1.65	0.0	0.0	4.650	1700.	39.	12.	759.7	30.0	1
8	0	424	37.0210	89.9949	-810.7	KU	8.59	3.36	1.20	0.391	2.790	7.140	1589.	49.	12.	758.7	30.0	1
9	10	416	37.0210	89.9942	-812.7	KU	7.76	0.92	1.62	0.0	0.0	4.798	1639.	39.	12.	758.7	30.0	1
10	0	404	37.0209	89.9935	-816.0	KU	8.14	2.27	1.22	0.278	1.858	6.674	1596.	48.	10.	759.7	30.1	1
11	0	392	37.0209	89.9928	-814.7	KU	7.38	1.95	1.37	0.264	1.420	5.369	1702.	35.	11.	758.7	30.1	1
12	0	388	37.0209	89.9920	-813.0	KU	8.25	2.61	1.36	0.317	1.928	6.085	1750.	47.	11.	758.7	30.2	1
13	0	396	37.0210	89.9913	-815.2	KU	7.31	2.83	1.31	0.387	2.153	5.568	1757.	29.	9.	759.7	30.3	1
14	0	404	37.0210	89.9906	-820.7	KU	10.96	2.93	1.03	0.267	2.849	10.656	1806.	45.	7.	758.7	30.3	1
15	0	412	37.0210	89.9898	-821.7	KU	7.77	2.60	1.47	0.334	1.769	5.290	1793.	41.	10.	758.7	30.3	1
16	0	420	37.0210	89.9891	-823.2	KU	8.77	2.68	1.28	0.306	2.099	6.872	1834.	40.	7.	759.7	30.3	1
17	0	428	37.0210	89.9884	-824.7	KU	8.28	2.28	1.41	0.276	1.618	5.871	1771.	44.	11.	759.7	30.3	1
18	0	424	37.0209	89.9875	-826.2	KU	7.85	4.12	0.98	0.525	4.199	7.997	1728.	45.	6.	758.7	30.2	1
19	0	404	37.0209	89.9868	-828.5	KU	7.31	2.90	0.99	0.397	2.929	7.372	1649.	40.	7.	759.7	30.2	1
20	0	412	37.0209	89.9861	-827.7	KU	5.80	2.58	1.11	0.444	2.330	5.247	1638.	42.	10.	759.7	30.2	1
21	0	408	37.0209	89.9854	-828.0	KU	9.16	2.77	1.27	0.302	2.177	7.199	1740.	39.	8.	758.7	30.2	1
22	0	392	37.0210	89.9846	-828.7	KU	7.60	3.05	1.11	0.401	2.749	6.853	1703.	34.	8.	759.7	30.2	1
23	0	360	37.0210	89.9839	-830.0	KU	6.29	2.52	1.26	0.400	1.997	4.990	1554.	41.	9.	759.7	30.2	1
24	10	352	37.0210	89.9832	-833.0	KU	8.14	0.54	1.19	0.0	0.0	6.837	1513.	41.	13.	758.7	30.2	1
25	0	364	37.0210	89.9824	-836.0	KU	6.51	3.66	0.80	0.562	4.559	8.106	1558.	42.	13.	760.7	30.3	1
26	0	384	37.0210	89.9817	-838.2	KU	7.91	2.12	1.36	0.269	1.559	5.802	1569.	44.	12.	760.7	30.3	1
27	0	372	37.0209	89.9810	-840.7	KU	7.19	3.53	1.07	0.491	3.312	6.746	1665.	33.	10.	759.2	30.3	1
28	0	368	37.0209	89.9802	-839.5	KU	5.95	3.83	1.02	0.645	3.744	5.808	1613.	37.	15.	759.2	30.3	1
29	0	396	37.0209	89.9795	-841.0	KU	6.90	2.21	1.04	0.321	2.124	6.625	1694.	38.	16.	759.2	30.3	1
30	0	396	37.0209	89.9787	-842.0	KU	7.87	1.82	1.21	0.232	1.502	6.487	1682.	42.	14.	758.1	30.3	1
31	0	396	37.0210	89.9780	-840.5	KU	7.79	3.00	1.11	0.385	2.690	6.994	1739.	41.	14.	759.2	30.3	1
32	0	400	37.0210	89.9773	-842.0	KU	7.18	1.58	1.19	0.220	1.323	6.023	1719.	36.	11.	759.7	30.3	1
33	0	408	37.0210	89.9765	-845.5	KU	9.40	3.20	1.24	0.340	2.587	7.607	1854.	38.	7.	758.7	30.3	1
34	0	416	37.0210	89.9759	-845.2	KU	7.80	3.45	0.90	0.443	3.833	8.659	1690.	43.	11.	759.7	30.3	1
35	0	428	37.0209	89.9750	-844.0	KU	9.58	2.36	1.45	0.247	1.630	6.606	1847.	38.	6.	760.7	30.3	1
36	0	432	37.0209	89.9743	-845.2	KU	7.68	4.70	1.19	0.611	3.932	6.432	1718.	52.	7.	758.7	30.3	1
37	10	428	37.0209	89.9736	-848.7	KU	6.78	0.60	1.40	0.0	0.0	4.855	1741.	41.	10.	758.7	30.3	1
38	0	428	37.0209	89.9729	-849.2	KU	8.15	1.59	1.33	0.196	1.197	6.118	1652.	47.	7.	759.7	30.3	1
39	0	424	37.0209	89.9721	-848.7	KU	8.25	4.32	1.07	0.523	4.021	7.690	1811.	49.	4.	758.7	30.4	1
40	10	404	37.0210	89.9714	-850.0	KU	9.03	1.30	1.61	0.0	0.0	5.620	1769.	43.	6.	759.7	30.4	1
41	0	392	37.0210	89.9707	-851.7	KU	7.47	3.11	1.39	0.417	2.246	5.391	1723.	33.	5.	760.7	30.4	1
42	0	480	37.0210	89.9699	-853.0	KU	9.33	3.87	1.38	0.415	2.810	6.774	2068.	26.	6.	758.7	30.4	1
43	0	408	37.0209	89.9692	-853.0	KU	7.94	2.29	1.54	0.288	1.483	5.145	1779.	40.	10.	758.7	30.3	1
44	0	408	37.0209	89.9685	-855.5	KU	6.84	4.16	1.20	0.608	3.457	5.690	1720.	34.	8.	760.7	30.3	1
45	0	400	37.0209	89.9677	-854.7	KU	4.92	3.49	0.96	0.709	3.621	5.110	1552.	38.	7.	758.7	30.3	1
46	10	412	37.0209	89.9669	-855.2	KU	7.60	1.07	1.15	0.0	0.0	6.618	1475.	47.	8.	759.2	30.3	1
47	0	408	37.0209	89.9662	-857.2	KU	8.10	3.66	0.98	0.452	3.740	8.267	1530.	39.	5.	761.2	30.3	1
48	0	396	37.0209	89.9655	-855.5	KU	8.46	3.94	0.98	0.465	4.034	8.676	1747.	42.	4.	758.7	30.2	1
49	0	396	37.0209	89.9648	-854.0	KU	6.02	4.08	1.24	0.677	3.293	4.864	1666.	38.	2.	758.7	30.2	1
50	0	400	37.0210	89.9640	-858.5	KU	9.10	1.66	1.37	0.183	1.210	6.625	1795.	38.	3.	760.7	30.2	1
51	0	396	37.0210	89.9633	-860.7	KU	7.64	2.44	1.24	0.319	1.975	6.184	1747.	29.	6.	758.7	30.2	1
52	0	400	37.0209	89.9625	-862.0	KU	8.09	3.53	1.10	0.437	3.200	7.326	1724.	49.	7.	758.7	30.2	1
53	0	480	37.0209	89.9618	-862.0	KU	8.84	3.55	1.51	0.402	2.357	5.862	1962.	43.	4.	761.8	30.2	1

CP9 LP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
54	0	400	37.0209	89.9611	-862.0		KU	8.73	2.94	1.53	0.337	1.921	5.696	1687.	39.	6.	760.2	30.2	1
55	0	388	37.0209	89.9603	-861.5		KU	5.74	2.65	1.22	0.462	2.167	4.696	1698.	33.	11.	759.2	30.2	1
56	0	380	37.0209	89.9596	-862.0		KU	6.46	3.99	1.07	0.618	3.742	6.053	1694.	44.	8.	761.2	30.2	1
57	10	384	37.0209	89.9588	-862.7		KU	9.03	1.04	1.14	0.0	0.0	7.923	1706.	46.	12.	760.7	30.2	1
58	0	392	37.0209	89.9582	-863.7		KU	9.35	2.22	1.22	0.237	1.820	7.671	1689.	34.	8.	759.7	30.2	1
59	10	392	37.0210	89.9574	-863.5		KU	9.68	0.86	1.26	0.0	0.0	7.654	1769.	29.	15.	760.7	30.2	1
60	0	384	37.0209	89.9567	-866.0		KU	8.28	3.87	1.02	0.468	3.783	8.088	1728.	32.	11.	760.2	30.2	1
61	0	380	37.0209	89.9559	-867.5		KU	9.67	3.51	1.22	0.363	2.885	7.945	1712.	44.	9.	760.2	30.2	1
62	0	368	37.0209	89.9552	-865.5		KU	8.79	3.06	1.39	0.348	2.202	6.333	1783.	45.	7.	761.2	30.2	1
63	0	368	37.0209	89.9544	-866.0		KU	8.95	2.02	1.20	0.226	1.676	7.426	1744.	42.	8.	760.2	30.2	1
64	0	376	37.0209	89.9537	-867.0		KU	7.89	2.51	1.08	0.318	2.332	7.334	1721.	47.	11.	758.1	30.3	1
65	0	372	37.0209	89.9529	-867.7		KU	7.99	1.90	1.47	0.238	1.290	5.420	1725.	42.	9.	760.7	30.2	1
66	0	364	37.0209	89.9522	-870.7		KU	7.34	3.15	1.17	0.429	2.694	6.279	1768.	34.	12.	761.8	30.2	1
67	0	368	37.0209	89.9515	-871.2		KU	5.30	2.29	1.28	0.433	1.786	4.129	1720.	39.	13.	759.7	30.2	1
68	0	376	37.0210	89.9508	-871.0		KU	7.27	2.56	1.24	0.351	2.053	5.843	1735.	44.	9.	760.7	30.2	1
69	0	384	37.0209	89.9500	-872.2		KU	8.77	3.61	1.19	0.411	3.018	7.342	1727.	39.	9.	761.2	30.2	1
70	0	388	37.0209	89.9493	-873.2		KU	7.79	2.63	1.32	0.338	2.001	5.912	1639.	52.	7.	759.2	30.2	1
71	0	392	37.0209	89.9485	-871.7		KU	9.30	3.20	1.07	0.344	3.002	8.731	1670.	46.	7.	760.2	30.1	1
72	0	392	37.0209	89.9478	-871.7		KU	7.23	3.41	1.22	0.472	2.793	5.915	1653.	47.	5.	761.8	30.1	1
73	0	380	37.0209	89.9471	-872.5		KU	7.43	1.85	1.31	0.249	1.417	5.683	1690.	46.	3.	759.7	30.1	1
74	0	364	37.0209	89.9464	-871.2		KU	9.08	2.41	1.43	0.265	1.691	6.367	1652.	43.	1.	760.7	30.1	1
75	0	364	37.0209	89.9455	-870.2		KU	8.07	3.91	1.21	0.484	3.233	6.681	1755.	35.	0.	762.3	30.1	1
76	0	368	37.0209	89.9448	-871.2		KU	9.64	3.89	1.23	0.403	3.171	7.866	1740.	40.	0.	760.2	30.1	1
77	0	368	37.0209	89.9441	-870.5		KU	9.77	1.70	1.42	0.174	1.196	6.873	1756.	40.	2.	761.2	30.1	1
78	0	356	37.0209	89.9434	-867.5		KU	8.40	4.18	1.22	0.498	3.435	6.896	1699.	52.	2.	763.3	30.1	1
79	0	352	37.0209	89.9426	-869.0		KU	10.01	2.28	1.33	0.228	1.712	7.512	1711.	45.	3.	761.2	30.1	1
80	0	360	37.0209	89.9419	-874.0		KU	8.92	2.62	1.38	0.293	1.891	6.445	1687.	54.	3.	760.7	30.1	1
81	0	324	37.0209	89.9412	-875.7		KU	6.59	2.30	0.97	0.349	2.368	6.791	1440.	41.	10.	762.8	30.1	1
82	10	312	37.0209	89.9404	-874.2		KU	7.24	1.09	1.12	0.0	0.0	6.462	1378.	37.	9.	761.8	30.1	1
83	0	312	37.0209	89.9397	-873.5		KU	5.92	2.22	0.90	0.375	2.468	6.575	1317.	41.	9.	760.7	30.1	1
84	0	316	37.0209	89.9390	-873.0		KU	5.40	2.04	0.75	0.378	2.738	7.238	1371.	38.	12.	762.8	30.1	1
85	10	328	37.0209	89.9382	-873.7		KU	8.81	1.10	1.01	0.0	0.0	8.711	1497.	38.	10.	760.7	30.1	1
86	0	356	37.0209	89.9374	-873.2		KU	4.50	2.87	1.32	0.639	2.180	3.412	1588.	38.	9.	760.7	30.2	1
87	0	368	37.0209	89.9367	-871.7		KU	6.97	3.35	1.21	0.481	2.780	5.785	1748.	40.	6.	762.8	30.2	1
88	0	364	37.0209	89.9360	-867.5		KU	6.47	2.86	1.28	0.442	2.229	5.047	1709.	37.	6.	760.7	30.2	1
89	0	360	37.0209	89.9352	-867.5		KU	7.11	2.45	1.28	0.344	1.909	5.549	1662.	38.	4.	759.7	30.2	1
90	0	368	37.0209	89.9346	-870.7		KU	7.98	4.20	1.22	0.526	3.435	6.526	1693.	45.	0.	761.8	30.3	1
91	0	376	37.0209	89.9338	-870.5		KU	4.95	2.80	1.13	0.567	2.489	4.391	1475.	50.	1.	760.7	30.3	1
92	0	380	37.0209	89.9330	-867.0		KU	8.99	2.12	1.29	0.235	1.638	6.961	1529.	57.	2.	760.2	30.3	1
93	0	380	37.0209	89.9323	-866.7		KU	6.39	3.01	1.16	0.471	2.607	5.530	1563.	52.	0.	761.8	30.3	1
94	0	376	37.0209	89.9316	-866.7		KU	9.47	3.37	1.16	0.356	2.901	8.157	1688.	38.	0.	760.7	30.3	1
95	0	376	37.0209	89.9308	-864.7		KU	9.52	3.20	1.41	0.336	2.259	6.729	1700.	40.	2.	759.7	30.3	1
96	0	376	37.0209	89.9301	-861.5		KU	8.04	2.92	1.41	0.363	2.066	5.694	1716.	45.	0.	762.3	30.3	1
97	0	380	37.0209	89.9294	-862.7		KU	6.96	3.60	1.49	0.517	2.420	4.683	1691.	34.	2.	761.2	30.3	1
98	0	380	37.0209	89.9286	-861.2		KU	8.14	1.88	1.23	0.231	1.523	6.598	1696.	37.	6.	759.2	30.3	1
99	0	376	37.0209	89.9279	-858.2		KU	7.57	2.99	1.13	0.395	2.643	6.697	1628.	52.	2.	761.2	30.3	1
100	0	364	37.0209	89.9272	-856.0		QTC-1	3.93	3.51	1.38	0.894	2.538	2.838	1655.	28.	8.	762.3	30.3	1
101	0	380	37.0209	89.9265	-854.2		QTC-1	7.39	2.34	1.19	0.316	1.963	6.212	1723.	36.	7.	759.7	30.3	1
102	0	384	37.0209	89.9256	-854.5		QTC-1	7.59	3.60	1.29	0.474	2.781	5.872	1818.	44.	7.	760.7	30.3	1
103	0	376	37.0209	89.9249	-851.5		QTC-1	8.97	3.55	1.23	0.396	2.897	7.322	1813.	38.	8.	761.8	30.3	1
104	0	368	37.0209	89.9242	-848.7		QTC-2	10.89	2.94	1.24	0.270	2.366	8.758	1848.	39.	8.	758.7	30.3	1
105	0	360	37.0209	89.9235	-850.0		QTC-2	7.76	3.56	1.20	0.458	2.973	6.485	1798.	45.	8.	760.2	30.3	1
106	0	360	37.0209	89.9227	-848.2		QTC-2	7.86	4.90	1.02	0.623	4.784	7.675	1785.	40.	7.	762.3	30.3	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
107	0	364	37.0209	89.9220	-843.2	QTC-2	10.83	4.08	1.01	0.377	4.023	10.675	1886.	31.	7.	760.2	30.3	1
108	0	352	37.0209	89.9213	-842.7	QTC-2	8.22	3.88	1.21	0.472	3.217	6.813	1819.	36.	4.	761.2	30.3	1
109	0	352	37.0209	89.9205	-844.7	QTC-2	10.49	1.66	1.24	0.158	1.340	8.485	1749.	43.	7.	762.3	30.3	1
110	0	352	37.0209	89.9198	-842.5	QTC-2	9.46	2.51	1.35	0.266	1.865	7.020	1810.	41.	8.	760.2	30.3	1
111	0	348	37.0209	89.9191	-840.0	QTC-2	9.04	2.91	1.45	0.322	2.009	6.241	1788.	37.	6.	761.2	30.3	1
112	0	340	37.0209	89.9182	-838.7	QTC-2	6.82	2.57	1.44	0.377	1.785	4.736	1717.	40.	10.	762.8	30.2	1
113	0	328	37.0209	89.9175	-836.2	KU	8.20	3.00	1.16	0.366	2.582	7.050	1676.	43.	6.	760.7	30.2	1
114	0	320	37.0209	89.9168	-833.0	KU	9.36	2.69	1.18	0.287	2.277	7.933	1794.	39.	6.	761.8	30.3	1
115	0	324	37.0209	89.9161	-832.0	KU	10.00	1.94	1.39	0.194	1.402	7.215	1772.	46.	8.	762.8	30.2	1
116	0	332	37.0209	89.9154	-832.2	KU	7.50	4.18	1.31	0.558	3.181	5.704	1833.	30.	10.	760.7	30.2	1
117	0	328	37.0209	89.9147	-830.7	KU	8.87	2.36	1.53	0.266	1.543	5.794	1808.	42.	9.	760.7	30.2	1
118	0	316	37.0209	89.9139	-828.2	KU	7.37	3.31	1.60	0.449	2.071	4.610	1834.	45.	8.	762.8	30.2	1
119	0	312	37.0209	89.9131	-828.5	KU	10.02	3.73	1.27	0.372	2.942	7.902	1806.	39.	9.	760.7	30.2	1
120	0	324	37.0209	89.9124	-828.7	KU	8.61	2.61	1.27	0.303	2.050	6.759	1736.	41.	9.	760.7	30.2	1
121	0	324	37.0209	89.9117	-828.0	KU	8.12	2.81	1.29	0.346	2.182	6.307	1694.	36.	9.	762.8	30.2	1
122	0	320	37.0209	89.9109	-825.5	KU	8.25	3.09	1.29	0.374	2.383	6.374	1748.	36.	10.	760.7	30.3	1
123	0	320	37.0209	89.9102	-826.2	KU	9.52	4.50	1.29	0.472	3.479	7.368	1871.	39.	6.	760.7	30.3	1
124	0	324	37.0209	89.9095	-827.2	KU	9.15	1.46	1.40	0.159	1.043	6.552	1814.	39.	12.	762.8	30.2	1
125	10	320	37.0209	89.9087	-823.2	KU	8.72	0.65	1.53	0.0	0.0	5.702	1844.	45.	11.	761.8	30.2	1
126	0	308	37.0209	89.9080	-823.5	KU	8.01	2.87	1.49	0.358	1.924	5.378	1807.	38.	9.	760.7	30.2	1
127	0	296	37.0208	89.9073	-821.5	KU	10.21	2.72	1.36	0.266	1.995	7.505	1807.	38.	11.	762.8	30.2	1
128	0	284	37.0209	89.9066	-813.7	KU	6.20	2.24	1.17	0.361	1.914	5.306	1643.	37.	9.	760.7	30.3	1
129	0	288	37.0209	89.9057	-816.0	KU	6.96	1.39	1.21	0.199	1.144	5.737	1642.	41.	7.	759.7	30.3	1
130	0	300	37.0209	89.9050	-824.0	QTC-1	7.61	2.65	1.11	0.349	2.385	6.842	1619.	37.	12.	761.8	30.4	1
131	0	292	37.0209	89.9043	-823.5	QTC-1	6.60	3.73	1.22	0.565	3.048	5.395	1655.	39.	6.	761.8	30.4	1
132	0	288	37.0209	89.9035	-821.2	QTC-1	7.44	2.94	1.44	0.394	2.043	5.178	1793.	31.	5.	759.7	30.5	1
133	0	300	37.0209	89.9028	-821.2	QTC-1	8.67	2.54	1.45	0.293	1.746	5.957	1772.	35.	2.	761.8	30.6	1
134	0	308	37.0209	89.9021	-823.0	QTC-1	8.13	2.55	1.40	0.314	1.819	5.802	1752.	35.	2.	761.8	30.6	1
135	0	308	37.0209	89.9014	-824.2	QTC-1	8.36	2.75	1.32	0.329	2.079	6.315	1758.	50.	1.	759.7	30.5	1
136	0	316	37.0208	89.9006	-825.7	QTC-1	6.15	3.06	1.17	0.499	2.610	5.235	1696.	43.	2.	761.8	30.5	1
137	0	312	37.0208	89.8999	-826.2	KU	6.40	5.03	1.07	0.786	4.698	5.975	1731.	41.	1.	761.8	30.5	1
138	0	284	37.0209	89.8992	-827.2	KU	7.96	1.61	1.10	0.202	1.463	7.235	1573.	39.	3.	759.7	30.4	1
139	0	324	37.0209	89.8984	-827.5	KU	5.41	3.95	1.00	0.731	3.965	5.425	1617.	42.	5.	761.8	30.4	1
140	0	316	37.0209	89.8977	-826.7	KU	8.92	2.06	1.09	0.231	1.898	8.203	1751.	34.	6.	762.8	30.3	1
141	0	300	37.0209	89.8970	-825.7	KU	5.63	3.24	1.52	0.576	2.138	3.713	1728.	36.	8.	759.7	30.3	1
142	0	308	37.0209	89.8962	-825.5	KU	9.73	3.40	1.22	0.349	2.777	7.954	1816.	32.	7.	761.8	30.3	1
143	0	320	37.0209	89.8955	-828.7	KU	8.76	3.10	1.31	0.354	2.364	6.673	1814.	40.	9.	761.8	30.3	1
144	0	332	37.0208	89.8948	-829.7	KU	8.58	2.06	1.57	0.240	1.315	5.479	1772.	34.	13.	759.7	30.3	1
145	0	336	37.0208	89.8940	-830.7	KU	7.12	2.73	1.42	0.383	1.923	5.019	1824.	40.	12.	761.8	30.4	1
146	0	336	37.0208	89.8932	-830.5	KU	8.01	2.60	1.32	0.325	1.966	6.046	1763.	34.	9.	762.8	30.4	1
147	0	336	37.0209	89.8925	-830.0	KU	7.33	2.61	1.51	0.356	1.724	4.844	1715.	45.	7.	760.2	30.4	1
148	0	332	37.0209	89.8918	-831.2	KU	3.68	3.45	1.44	0.940	2.393	2.547	1552.	44.	7.	761.2	30.4	1
149	0	340	37.0209	89.8910	-832.5	KU	5.74	1.85	0.82	0.322	2.251	6.989	1249.	41.	2.	762.3	30.4	1
150	0	344	37.0209	89.8903	-830.5	KU	4.97	1.59	0.90	0.320	1.770	5.527	1256.	26.	5.	759.7	30.4	1
151	0	340	37.0209	89.8896	-831.2	KU	5.40	4.17	1.12	0.773	3.712	4.802	1484.	37.	2.	760.7	30.4	1
152	0	336	37.0209	89.8889	-832.2	KU	8.10	3.20	1.20	0.395	2.669	6.759	1583.	33.	0.	761.8	30.3	1
153	0	340	37.0208	89.8881	-832.5	KU	8.83	1.87	1.36	0.212	1.372	6.468	1674.	20.	0.	759.7	30.3	1
154	0	332	37.0208	89.8874	-833.2	KU	7.75	2.86	1.28	0.369	2.230	6.041	1624.	29.	0.	760.7	30.3	1
155	0	336	37.0208	89.8866	-834.7	KU	7.84	3.13	1.30	0.400	2.405	6.019	1750.	43.	0.	761.8	30.3	1
156	0	352	37.0208	89.8858	-834.0	KU	8.37	4.22	1.37	0.505	3.078	6.096	1777.	33.	2.	758.7	30.3	1
157	0	372	37.0208	89.8851	-833.0	KU	7.77	1.53	1.80	0.196	0.850	4.325	1722.	48.	5.	759.7	30.2	1
158	0	380	37.0208	89.8844	-834.2	KU	10.10	2.40	1.31	0.238	1.838	7.716	1815.	36.	8.	761.8	30.2	1
159	0	368	37.0209	89.8836	-834.7	KU	7.24	2.67	1.45	0.369	1.842	4.995	1773.	42.	11.	759.7	30.1	1

* TAGS *			* LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
160	0	356	37.0209	89.8823	-832.2	KU	8.81	1.78	1.42	0.202	1.252	6.209	1734.	31.	12.	760.7	30.0	1
161	0	360	37.0209	89.8822	-833.5	KU	7.08	4.56	1.34	0.643	3.394	5.274	1708.	40.	8.	761.8	30.1	1
162	0	368	37.0209	89.8814	-834.7	KU	9.63	2.12	1.32	0.221	1.605	7.272	1721.	33.	8.	759.7	30.1	1
163	0	352	37.0209	89.8807	-835.7	KU	6.93	2.67	1.19	0.386	2.247	5.824	1720.	43.	10.	761.8	30.1	1
164	0	348	37.0209	89.8800	-836.0	KU	5.30	3.88	1.31	0.733	2.964	4.042	1719.	49.	8.	761.8	30.1	1
165	0	336	37.0209	89.8792	-834.2	KU	6.39	3.18	1.23	0.498	2.586	5.189	1737.	34.	9.	759.7	30.1	1
166	0	332	37.0209	89.8785	-834.5	KU	5.62	3.08	1.27	0.547	2.430	4.440	1775.	42.	7.	760.7	30.1	1
167	0	344	37.0209	89.8778	-835.2	KU	7.70	2.14	1.42	0.278	1.511	5.436	1768.	48.	4.	761.8	30.1	1
168	0	340	37.0209	89.8770	-834.2	KU	7.94	3.56	1.33	0.449	2.683	5.978	1774.	37.	4.	759.7	30.1	1
169	0	332	37.0209	89.8763	-833.7	KU	7.39	3.92	1.19	0.531	3.309	6.233	1733.	44.	1.	761.8	30.1	1
170	0	320	37.0209	89.8755	-833.2	KU	8.89	2.97	1.16	0.334	2.555	7.657	1823.	30.	0.	761.8	30.1	1
171	0	308	37.0209	89.8748	-833.0	KU	7.97	3.94	1.23	0.494	3.189	6.462	1825.	40.	2.	759.7	30.1	1
172	0	292	37.0209	89.8741	-829.7	KU	8.86	3.81	1.21	0.430	3.160	7.350	1787.	37.	0.	761.8	30.1	1
173	0	300	37.0209	89.8734	-828.0	KU	12.83	3.00	1.32	0.234	2.268	9.694	1974.	47.	0.	760.7	30.1	1
174	0	312	37.0209	89.8725	-831.0	KU	10.71	2.93	1.48	0.273	1.982	7.251	1961.	34.	1.	758.7	30.1	1
175	0	308	37.0209	89.8718	-831.2	KU	6.97	3.17	1.17	0.455	2.719	5.977	1856.	37.	6.	761.8	30.1	1
176	0	316	37.0209	89.8711	-831.5	KU	7.34	2.60	1.48	0.354	1.752	4.949	1840.	57.	7.	761.8	30.1	1
177	0	320	37.0210	89.8703	-831.5	KU	7.11	2.12	1.62	0.298	1.310	4.401	1898.	39.	7.	758.7	30.1	1
178	0	328	37.0210	89.8696	-830.7	KU	8.92	2.35	1.39	0.263	1.690	6.416	1879.	35.	7.	760.7	30.1	1
179	0	340	37.0210	89.8689	-831.2	KU	7.93	3.71	1.54	0.467	2.409	5.155	1857.	43.	9.	761.8	30.1	1
180	0	348	37.0210	89.8681	-833.0	KU	8.25	2.84	1.36	0.344	2.093	6.086	1736.	43.	9.	759.7	30.1	1
181	0	352	37.0210	89.8674	-831.7	KU	7.40	2.76	1.34	0.372	2.053	5.518	1747.	39.	5.	760.7	30.1	1
182	0	352	37.0210	89.8667	-829.2	KU	8.19	2.55	1.41	0.311	1.811	5.819	1741.	39.	5.	761.8	30.1	1
183	0	356	37.0210	89.8659	-830.0	KU	7.88	3.86	1.06	0.490	3.650	7.443	1664.	41.	4.	759.7	30.1	1
184	0	352	37.0210	89.8652	-830.7	KU	4.82	2.07	1.26	0.430	1.642	3.814	1696.	48.	6.	761.8	30.0	1
185	0	344	37.0210	89.8644	-830.7	KU	9.04	2.66	1.46	0.294	1.815	6.178	1836.	29.	3.	761.8	30.2	1
186	0	332	37.0210	89.8637	-829.2	KU	9.15	3.70	1.23	0.404	3.006	7.438	1803.	33.	2.	759.7	30.2	1
187	0	340	37.0210	89.8630	-830.0	KU	8.47	2.78	1.31	0.329	2.128	6.469	1940.	34.	5.	760.7	30.2	1
188	0	340	37.0210	89.8622	-827.2	KU	8.31	3.81	1.00	0.458	3.798	8.296	1739.	47.	4.	761.8	30.2	1
189	0	332	37.0210	89.8614	-826.0	KU	9.39	3.00	1.46	0.320	2.053	6.421	1867.	48.	6.	759.7	30.2	1
190	0	320	37.0210	89.8607	-825.7	KU	8.56	3.10	1.25	0.362	2.469	6.830	1842.	45.	7.	760.7	30.2	1
191	0	316	37.0210	89.8600	-827.2	KU	8.80	3.73	1.37	0.424	2.717	6.411	1867.	41.	8.	761.8	30.2	1
192	0	324	37.0210	89.8593	-826.5	KU	5.88	3.89	1.42	0.661	2.732	4.131	1829.	43.	9.	759.7	30.2	1
193	0	296	37.0210	89.8585	-826.5	KU	10.61	2.14	1.33	0.201	1.608	7.984	1803.	46.	9.	760.7	30.2	1
194	0	324	37.0210	89.8578	-826.7	KU	7.16	3.70	1.19	0.517	3.113	6.026	1790.	38.	9.	761.8	30.2	1
195	0	332	37.0210	89.8571	-826.2	KU	9.45	2.06	1.28	0.218	1.601	7.356	1896.	47.	9.	758.7	30.1	1
196	0	324	37.0211	89.8563	-827.5	KU	8.98	2.10	1.52	0.234	1.387	5.925	1820.	42.	9.	760.7	30.2	1
197	0	316	37.0211	89.8556	-826.0	KU	7.74	3.40	1.45	0.439	2.336	5.324	1861.	49.	8.	761.8	30.2	1
198	0	304	37.0211	89.8549	-827.7	KU	7.24	3.54	1.23	0.489	2.887	5.898	1822.	46.	7.	759.7	30.2	1
199	0	308	37.0211	89.8541	-829.2	KU	9.06	2.23	1.39	0.246	1.601	6.507	1796.	43.	7.	760.7	30.3	1
200	0	320	37.0211	89.8533	-827.5	KU	7.06	2.16	1.35	0.306	1.603	5.242	1849.	32.	10.	761.2	30.3	1
201	10	324	37.0211	89.8526	-827.7	KU	8.01	1.31	1.64	0.0	0.0	4.875	1879.	37.	10.	760.2	30.3	1
202	0	320	37.0211	89.8519	-826.2	KU	7.34	4.36	1.48	0.594	2.953	4.969	1863.	35.	6.	761.8	30.3	1
203	0	328	37.0211	89.8512	-823.7	KU	8.14	3.14	1.62	0.385	1.937	5.029	1864.	37.	7.	760.7	30.3	1
204	0	336	37.0211	89.8504	-825.5	KU	8.12	2.75	1.57	0.339	1.749	5.159	1830.	49.	7.	759.7	30.3	1
205	0	336	37.0211	89.8496	-827.2	KU	7.39	4.15	1.49	0.562	2.779	4.947	1832.	41.	6.	761.8	30.3	1
206	0	336	37.0211	89.8489	-826.2	KU	7.90	3.10	1.30	0.393	2.385	6.071	1717.	41.	8.	759.7	30.3	1
207	0	316	37.0211	89.8482	-826.2	KU	8.12	2.10	1.11	0.258	1.887	7.314	1624.	43.	7.	759.7	30.3	1
208	0	304	37.0211	89.8474	-826.5	KU	6.36	3.61	0.98	0.568	3.689	6.490	1532.	42.	7.	761.8	30.3	1
209	0	340	37.0211	89.8467	-825.7	KU	6.51	2.58	1.40	0.397	1.841	4.639	1691.	46.	8.	759.7	30.4	1
210	0	332	37.0211	89.8460	-825.2	KU	7.37	3.64	1.41	0.493	2.584	5.239	1854.	45.	6.	760.2	30.4	1
211	0	328	37.0211	89.8452	-827.2	KU	9.55	1.78	1.53	0.186	1.163	6.243	1814.	30.	9.	761.8	30.5	1
212	0	336	37.0211	89.8445	-828.2	KU	8.87	3.51	1.59	0.396	2.210	5.587	1913.	34.	2.	760.7	30.5	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
213	0	328	37.0211	89.8438	-828.5	KU	9.21	3.10	1.64	0.337	1.891	5.611	1947.	37.	4.	761.2	30.5	1
214	10	312	37.0212	89.8430	-827.5	KU	8.79	1.10	1.20	0.0	0.0	7.321	1808.	44.	5.	761.8	30.4	1
215	0	312	37.0212	89.8422	-827.7	KU	7.65	4.75	1.09	0.621	4.346	6.997	1775.	43.	3.	760.2	30.4	1
216	0	320	37.0212	89.8416	-831.0	KU	7.61	2.00	1.34	0.262	1.484	5.663	1800.	38.	7.	760.7	30.4	1
217	0	328	37.0212	89.8408	-831.7	KU	7.02	3.72	1.16	0.531	3.213	6.055	1706.	57.	4.	760.2	30.4	1
218	0	328	37.0212	89.8401	-831.7	KU	9.55	2.12	1.53	0.222	1.381	6.231	1776.	36.	7.	760.7	30.5	1
219	0	328	37.0212	89.8394	-833.2	KU	8.28	2.24	1.48	0.271	1.521	5.612	1812.	43.	10.	762.3	30.5	1
220	0	328	37.0212	89.8385	-836.0	KU	6.86	3.68	1.15	0.536	3.191	5.952	1770.	38.	9.	761.8	30.5	1
221	0	324	37.0212	89.8378	-835.7	KU	7.54	4.19	1.46	0.556	2.871	5.168	1805.	43.	7.	760.2	30.5	1
222	0	316	37.0212	89.8371	-836.7	KU	8.32	2.93	1.37	0.353	2.149	6.096	1840.	50.	9.	760.7	30.5	1
223	0	296	37.0212	89.8363	-838.5	KU	8.71	3.33	1.26	0.383	2.642	6.901	1776.	40.	7.	760.7	30.5	1
224	0	292	37.0212	89.8356	-841.5	KU	8.65	3.50	1.43	0.404	2.447	6.052	1829.	37.	5.	760.2	30.5	1
225	0	292	37.0212	89.8349	-845.0	KU	8.04	2.83	1.41	0.352	2.009	5.704	1786.	37.	6.	760.7	30.4	1
226	0	288	37.0212	89.8341	-844.7	KU	9.17	4.43	1.32	0.483	3.356	6.950	1807.	47.	1.	761.2	30.4	1
227	0	272	37.0212	89.8334	-846.0	KU	8.16	2.69	1.19	0.330	2.272	6.883	1687.	36.	6.	760.7	30.4	1
228	0	268	37.0212	89.8327	-848.7	KU	6.01	2.88	1.34	0.479	2.151	4.492	1681.	37.	5.	761.2	30.4	1
229	0	280	37.0212	89.8319	-845.2	KU	7.73	3.89	1.22	0.503	3.197	6.360	1721.	38.	4.	760.7	30.3	1
230	0	288	37.0212	89.8312	-842.0	KU	6.60	3.22	1.27	0.487	2.536	5.206	1547.	44.	3.	760.2	30.4	1
231	0	276	37.0212	89.8305	-845.0	KU	6.07	2.90	0.89	0.478	3.275	6.850	1345.	43.	4.	759.7	30.4	1
232	0	276	37.0212	89.8297	-852.0	KU	7.54	1.47	0.73	0.195	2.008	10.296	1303.	43.	2.	759.7	30.5	1
233	0	288	37.0212	89.8290	-854.2	KU	7.63	2.44	0.78	0.319	3.126	9.791	1292.	57.	0.	759.7	30.5	1
234	0	368	37.0213	89.8283	-856.0	KU	7.11	3.65	0.58	0.513	6.301	12.282	1396.	44.	3.	760.2	30.5	1
235	0	364	37.0213	89.8275	-856.0	KU	5.75	3.03	0.54	0.528	5.589	10.592	1202.	39.	4.	760.7	30.6	1
236	0	388	37.0213	89.8267	-856.7	KU	5.67	1.92	0.79	0.338	2.426	7.183	1218.	38.	3.	761.2	30.5	1
237	0	428	37.0213	89.8260	-857.5	KU	5.28	2.47	0.99	0.468	2.494	5.332	1335.	35.	3.	760.7	30.5	1
238	0	432	37.0213	89.8253	-857.7	KU	6.06	2.20	1.09	0.363	2.018	5.551	1382.	39.	1.	760.2	30.5	1
239	0	432	37.0213	89.8246	-859.5	KU	6.85	1.87	0.86	0.273	2.161	7.921	1227.	39.	2.	759.7	30.4	1
240	0	428	37.0213	89.8238	-861.2	KU	4.92	4.24	0.69	0.861	6.121	7.110	1201.	36.	0.	760.7	30.4	1
241	0	428	37.0213	89.8231	-858.5	KU	4.66	2.25	0.83	0.482	2.706	5.614	1120.	36.	1.	761.8	30.4	1
242	0	432	37.0213	89.8223	-854.0	KU	4.80	2.54	0.88	0.529	2.884	5.450	1160.	31.	4.	761.2	30.4	1
243	10	428	37.0213	89.8216	-852.7	KU	6.92	0.51	0.84	0.0	0.0	8.198	1125.	55.	6.	760.7	30.4	1
244	10	432	37.0213	89.8209	-852.5	KU	6.29	1.37	0.61	0.0	0.0	10.318	1176.	46.	9.	761.2	30.4	1
245	0	428	37.0213	89.8201	-850.5	KU	3.37	2.10	0.93	0.623	2.271	3.646	1177.	45.	9.	760.7	30.4	1
246	0	428	37.0213	89.8194	-849.5	KU	4.05	2.01	0.93	0.496	2.169	4.373	1160.	35.	11.	760.2	30.4	1
247	10	428	37.0213	89.8186	-852.7	KU	3.96	0.58	0.90	0.0	0.0	4.389	1104.	38.	10.	761.8	30.4	1
248	0	428	37.0213	89.8179	-849.2	KU	4.29	1.48	0.80	0.344	1.859	5.396	1086.	40.	10.	761.2	30.4	1
249	0	428	37.0213	89.8172	-846.0	KU	3.46	1.80	0.77	0.520	2.349	4.518	1065.	50.	10.	759.7	30.5	1
250	10	432	37.0213	89.8165	-846.5	KU	3.44	1.30	0.96	0.0	0.0	3.597	1127.	46.	8.	760.7	30.5	1
251	10	436	37.0213	89.8156	-848.0	KU	5.61	1.16	0.52	0.0	0.0	10.760	1116.	41.	4.	760.2	30.6	1
252	0	440	37.0213	89.8149	-847.7	KU	6.50	2.43	0.78	0.373	3.123	8.367	1239.	33.	7.	758.7	30.6	1
253	0	448	37.0213	89.8142	-850.2	KU	5.68	3.91	0.92	0.689	4.259	6.181	1321.	37.	4.	759.2	30.6	1
254	0	452	37.0214	89.8135	-850.0	KU	5.26	2.89	0.94	0.549	3.068	5.591	1316.	35.	4.	759.7	30.7	1
255	0	456	37.0214	89.8127	-847.0	KU	6.42	1.89	0.87	0.314	2.182	6.955	1285.	34.	5.	760.2	30.6	1
256	10	468	37.0214	89.8120	-846.5	KU	8.12	0.96	1.06	0.0	0.0	7.681	1353.	29.	5.	760.2	30.6	1
257	0	476	37.0214	89.8112	-847.7	KU	5.04	1.74	1.13	0.346	1.547	4.474	1390.	43.	7.	759.7	30.6	1
258	0	480	37.0214	89.8105	-849.5	KU	7.14	3.26	1.05	0.457	3.114	6.814	1459.	36.	6.	759.7	30.5	1
259	0	484	37.0214	89.8098	-849.7	QAL	7.40	1.78	1.51	0.240	1.175	4.897	1564.	31.	7.	759.2	30.5	1
260	0	484	37.0214	89.8090	-846.7	QAL	8.06	3.00	1.14	0.372	2.629	7.070	1628.	37.	7.	759.7	30.5	1
261	0	484	37.0214	89.8083	-842.5	QAL	6.94	2.91	1.41	0.419	2.058	4.914	1665.	42.	8.	760.2	30.5	1
262	0	476	37.0214	89.8075	-841.7	QAL	7.60	2.37	1.34	0.312	1.777	5.693	1666.	23.	8.	760.2	30.5	1
263	0	472	37.0214	89.8068	-841.7	QAL	8.58	3.31	1.29	0.386	2.571	6.658	1601.	39.	7.	759.7	30.4	1
264	10	468	37.0214	89.8061	-842.0	QAL	6.93	1.03	1.29	0.0	0.0	5.379	1594.	32.	3.	759.7	30.4	1
265	0	460	37.0214	89.8054	-842.0	QAL	5.68	2.37	1.28	0.417	1.847	4.425	1518.	33.	6.	760.2	30.4	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
266	10	456	37.0214	89.8046	-841.2	QAL	8.13	0.72	1.39	0.0	0.0	5.858	1636.	31.	5.	760.2	30.4	1
267	0	452	37.0214	89.8038	-838.5	QAL	7.92	2.74	1.17	0.346	2.336	6.747	1580.	40.	4.	760.2	30.4	1
268	0	448	37.0214	89.8031	-838.7	QAL	9.13	3.17	1.29	0.348	2.467	7.097	1627.	39.	4.	760.2	30.4	1
269	0	448	37.0214	89.8024	-837.5	QAL	6.41	1.76	1.22	0.275	1.443	5.242	1571.	44.	7.	760.2	30.4	1
270	0	444	37.0214	89.8017	-834.5	QAL	6.27	2.47	1.10	0.394	2.237	5.684	1542.	43.	10.	760.2	30.4	1
271	10	444	37.0215	89.8009	-835.7	QAL	8.70	1.59	1.32	0.0	0.0	6.573	1608.	28.	10.	760.2	30.4	1
272	10	440	37.0215	89.8002	-837.2	QAL	9.99	1.52	1.24	0.0	0.0	8.081	1653.	42.	6.	760.2	30.5	1
273	10	444	37.0215	89.7994	-833.7	QAL	7.73	1.63	1.24	0.0	0.0	6.246	1639.	32.	13.	760.2	30.6	1
274	10	448	37.0215	89.7987	-834.0	QAL	8.93	1.05	1.44	0.0	0.0	6.213	1632.	42.	11.	761.2	30.6	1
275	0	452	37.0215	89.7980	-834.0	QAL	8.01	2.13	1.15	0.266	1.856	6.965	1640.	42.	12.	761.2	30.6	1
276	0	448	37.0215	89.7972	-831.0	QAL	7.76	2.66	1.32	0.343	2.024	5.901	1654.	38.	11.	760.2	30.6	1
277	0	444	37.0215	89.7965	-830.2	QAL	7.49	2.11	1.28	0.281	1.651	5.866	1625.	39.	12.	759.7	30.6	1
278	10	444	37.0215	89.7957	-830.0	QAL	7.39	0.60	1.35	0.0	0.0	5.460	1657.	54.	10.	760.2	30.7	1
279	0	444	37.0215	89.7950	-828.7	QAL	6.50	2.50	1.16	0.384	2.162	5.624	1556.	40.	10.	760.2	30.6	1
280	0	444	37.0215	89.7943	-829.2	QAL	6.97	1.91	1.03	0.274	1.852	6.761	1461.	36.	6.	759.7	30.7	1
281	0	452	37.0215	89.7936	-827.7	QAL	6.54	2.45	1.10	0.375	2.225	5.938	1529.	38.	7.	760.2	30.9	1
282	0	456	37.0215	89.7927	-825.5	QAL	5.75	3.58	1.19	0.622	3.011	4.840	1550.	33.	3.	760.2	30,9	1
283	10	464	37.0215	89.7920	-826.5	QAL	8.13	1.52	1.20	0.0	0.0	6.745	1568.	39.	10.	759.7	30.8	1
284	0	468	37.0215	89.7913	-825.5	QAL	5.70	3.38	1.15	0.593	2.948	4.973	1600.	34.	9.	759.7	30.8	1
285	10	468	37.0215	89.7906	-823.5	QAL	5.01	1.52	1.22	0.0	0.0	4.096	1618.	35.	14.	758.7	30.7	1
286	0	468	37.0215	89.7898	-822.7	QAL	6.08	2.35	1.29	0.387	1.825	4.717	1608.	28.	10.	757.6	30.6	1
287	10	472	37.0215	89.7891	-822.2	QAL	8.27	1.21	1.11	0.0	0.0	7.419	1548.	43.	10.	758.7	30.7	1
288	10	476	37.0215	89.7883	-822.5	QAL	7.11	1.12	1.59	0.0	0.0	4.460	1627.	34.	11.	759.7	30.8	1
289	0	480	37.0215	89.7876	-821.7	QAL	6.19	1.97	1.41	0.318	1.399	4.392	1595.	36.	9.	759.2	30.9	1
290	0	484	37.0215	89.7869	-820.5	QAL	7.72	2.31	1.55	0.300	1.495	4.989	1710.	43.	9.	759.2	30.9	1
291	10	488	37.0215	89.7861	-822.0	QAL	7.84	1.36	1.06	0.0	0.0	7.398	1623.	44.	6.	759.2	30.9	1
292	0	492	37.0215	89.7854	-821.2	QAL	7.13	2.19	1.13	0.307	1.937	6.316	1570.	43.	4.	759.2	30.9	1
293	0	496	37.0216	89.7847	-818.0	QAL	7.02	2.82	1.28	0.401	2.203	5.492	1636.	42.	3.	759.7	30.8	1
294	0	492	37.0216	89.7839	-814.2	QAL	5.30	3.24	1.36	0.612	2.380	3.891	1589.	44.	7.	759.7	30.7	1
295	0	484	37.0216	89.7832	-816.5	QAL	6.57	2.71	1.38	0.412	1.968	4.773	1662.	45.	1.	759.2	30.6	1
296	10	476	37.0216	89.7825	-816.5	QAL	7.16	0.86	1.33	0.0	0.0	5.393	1650.	40.	8.	759.7	30.6	1
297	0	468	37.0216	89.7817	-814.0	QAL	8.38	2.77	1.30	0.331	2.135	6.457	1704.	32.	8.	759.7	30.5	1
298	0	460	37.0216	89.7809	-811.2	QAL	4.97	2.85	1.31	0.573	2.171	3.787	1582.	46.	9.	759.7	30.6	1
299	0	460	37.0216	89.7802	-811.5	QAL	7.45	2.44	1.08	0.328	2.255	6.884	1557.	40.	11.	759.7	30.6	1
300	0	460	37.0216	89.7795	-811.5	QAL	7.11	2.03	1.38	0.285	1.472	5.159	1636.	32.	7.	760.2	30.8	1
301	10	464	37.0216	89.7787	-810.2	QAL	7.50	0.32	1.29	0.0	0.0	5.827	1653.	39.	15.	760.2	30.8	1
302	10	464	37.0216	89.7780	-807.5	QAL	7.47	1.20	1.26	0.0	0.0	5.948	1589.	35.	11.	759.7	30.7	1
303	0	460	37.0216	89.7772	-808.0	QAL	8.37	1.98	1.31	0.236	1.505	6.364	1632.	43.	11.	759.7	30.7	1
304	10	456	37.0216	89.7765	-810.0	QAL	7.10	1.16	1.13	0.0	0.0	6.279	1600.	38.	9.	759.7	30.6	1
305	0	452	37.0216	89.7758	-807.7	QAL	6.72	3.86	1.14	0.574	3.397	5.918	1641.	48.	7.	759.2	30.6	1
306	0	448	37.0216	89.7750	-804.2	QAL	7.44	1.79	1.41	0.241	1.273	5.284	1644.	48.	8.	759.2	30.6	1
307	0	444	37.0217	89.7743	-805.7	QAL	6.70	1.77	1.40	0.264	1.262	4.778	1688.	41.	8.	759.7	30.6	1
308	0	444	37.0217	89.7736	-805.0	QAL	6.94	2.83	1.37	0.408	2.069	5.066	1604.	41.	7.	760.7	30.6	1
309	10	444	37.0217	89.7729	-803.7	QAL	7.84	1.39	1.10	0.0	0.0	7.146	1610.	47.	11.	760.2	30.5	1
310	10	448	37.0216	89.7721	-804.0	QAL	9.10	1.22	1.41	0.0	0.0	6.455	1655.	44.	6.	759.7	30.5	1
311	0	448	37.0216	89.7714	-802.7	QAL	7.36	2.50	1.05	0.340	2.374	6.986	1689.	47.	5.	761.2	30.5	1
312	0	444	37.0216	89.7706	-801.0	QAL	7.80	4.83	1.33	0.619	3.627	5.856	1768.	37.	4.	760.7	30.5	1
313	10	440	37.0216	89.7699	-801.0	QAL	9.16	1.45	1.20	0.0	0.0	7.634	1722.	48.	9.	759.2	30.5	1
314	0	440	37.0216	89.7691	-801.0	QAL	8.44	1.89	1.49	0.224	1.270	5.674	1744.	36.	7.	759.7	30.5	1
315	0	440	37.0215	89.7684	-798.2	QAL	7.38	3.71	1.19	0.503	3.108	6.177	1665.	39.	8.	759.7	30.5	1
316	0	440	37.0216	89.7676	-795.7	QAL	6.43	4.44	1.35	0.691	3.300	4.777	1710.	47.	5.	760.7	30.5	1
317	0	444	37.0216	89.7669	-798.0	QAL	8.14	2.17	1.10	0.267	1.968	7.381	1639.	42.	7.	761.2	30.6	1
318	0	444	37.0216	89.7661	-798.5	QAL	7.78	4.34	1.21	0.557	3.570	6.404	1670.	43.	8.	760.7	30.5	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
319	0	444	37.0216	89.7654	-796.5	QAL	6.32	2.07	1.25	0.328	1.661	5:060	1629.	45.	8.	761.2	30.5	1
320	0	440	37.0216	89.7647	-796.0	QAL	8.68	2.60	1.24	0.300	2.106	7.026	1683.	40.	5.	760.2	30.5	1
321	0	440	37.0215	89.7639	-795.2	QAL	9.13	3.16	1.14	0.346	2.771	8.002	1701.	30.	5.	759.2	30.5	1
322	0	440	37.0215	89.7632	-793.2	QAL	9.34	2.42	1.12	0.259	2.151	8.306	1741.	43.	8.	760.7	30.5	1
323	0	440	37.0215	89.7624	-795.0	QAL	8.55	3.98	1.27	0.466	3.134	6.730	1665.	43.	5.	760.7	30.4	1
324	0	440	37.0215	89.7617	-795.2	QAL	6.00	3.89	1.12	0.648	3.460	5.339	1741.	36.	6.	760.7	30.4	1
325	0	440	37.0215	89.7610	-793.0	QAL	9.61	2.84	1.16	0.295	2.450	8.301	1806.	44.	6.	761.8	30.4	1
326	0	440	37.0215	89.7602	-791.7	QAL	7.73	1.94	1.40	0.251	1.387	5.522	1677.	40.	9.	760.2	30.4	1
327	0	444	37.0215	89.7595	-793.5	QAL	6.71	2.97	1.18	0.443	2.506	5.661	1719.	53.	5.	760.2	30.4	1
328	0	444	37.0215	89.7588	-795.5	QAL	7.05	4.03	1.16	0.571	3.475	6.085	1617.	36.	2.	762.3	30.4	1
329	0	444	37.0215	89.7580	-792.5	QAL	7.64	2.82	1.53	0.369	1.836	4.976	1757.	49.	0.	760.7	30.4	1
330	0	444	37.0215	89.7572	-791.0	QAL	9.32	3.79	1.23	0.407	3.082	7.579	1822.	39.	1.	759.7	30.4	1
331	0	444	37.0215	89.7565	-791.5	QAL	7.89	2.08	1.36	0.264	1.527	5.790	1658.	45.	1.	761.8	30.6	1
332	0	448	37.0215	89.7558	-792.7	QAL	8.06	3.98	1.08	0.493	3.681	7.462	1784.	34.	0.	760.7	30.6	1
333	0	448	37.0215	89.7551	-791.2	QAL	8.56	3.34	1.28	0.390	2.611	6.690	1847.	25.	4.	759.7	30.6	1
334	0	452	37.0215	89.7542	-791.0	QAL	8.41	4.39	1.16	0.522	3.788	7.249	1757.	34.	4.	761.8	30.5	1
335	0	452	37.0215	89.7535	-791.7	QAL	6.44	2.39	1.42	0.371	1.681	4.529	1691.	38.	8.	760.7	30.6	1
336	0	452	37.0215	89.7528	-793.0	QAL	6.40	2.30	1.00	0.359	2.298	6.398	1678.	42.	10.	759.7	30.8	1
337	0	456	37.0214	89.7520	-791.0	QAL	8.09	1.72	1.25	0.212	1.370	6.459	1680.	50.	9.	762.3	30.8	1
338	0	460	37.0214	89.7513	-790.5	QAL	9.71	2.00	1.46	0.206	1.370	6.644	1727.	40.	5.	761.2	30.8	1
339	0	460	37.0214	89.7506	-791.2	QAL	8.30	1.66	1.22	0.200	1.359	6.792	1657.	42.	6.	759.2	30.8	1
340	0	460	37.0215	89.7498	-792.0	QAL	9.06	2.67	1.22	0.294	2.183	7.418	1667.	48.	4.	761.2	30.8	1
341	0	460	37.0215	89.7491	-794.7	QAL	8.17	3.66	1.39	0.448	2.638	5.887	1686.	42.	4.	760.2	30.7	1
342	0	460	37.0215	89.7484	-792.2	QAL	8.09	2.44	1.15	0.302	2.125	7.044	1630.	37.	4.	758.1	30.8	1
343	0	464	37.0214	89.7476	-789.7	QAL	7.54	2.53	1.56	0.336	1.626	4.836	1709.	29.	3.	760.7	30.9	1
344	0	468	37.0214	89.7469	-793.0	QAL	7.37	3.82	1.21	0.517	3.153	6.092	1706.	45.	0.	761.8	30.9	1
345	0	472	37.0214	89.7461	-792.0	QAL	5.47	2.27	1.53	0.415	1.481	3.569	1677.	33.	8.	758.7	30.9	1
346	0	472	37.0214	89.7454	-786.7	QAL	7.52	2.32	0.95	0.309	2.446	7.928	1639.	40.	3.	758.7	30.8	1
347	0	472	37.0214	89.7447	-789.5	QAL	6.74	3.35	1.43	0.496	2.335	4.706	1661.	37.	6.	760.7	30.8	1
348	0	480	37.0214	89.7439	-792.0	QAL	7.57	3.71	1.13	0.491	3.282	6.688	1683.	41.	5.	759.7	30.8	1
349	0	480	37.0214	89.7431	-788.2	QAL	6.80	3.20	1.00	0.471	3.204	6.807	1579.	56.	7.	758.7	30.8	1
350	0	476	37.0214	89.7424	-786.7	QAL	5.25	2.93	1.24	0.559	2.369	4.237	1522.	39.	7.	760.7	30.7	1
351	10	480	37.0214	89.7417	-787.0	QAL	6.34	1.54	1.61	0.0	0.0	3.949	1643.	41.	6.	760.7	30.6	1
352	0	480	37.0214	89.7409	-789.2	QAL	5.07	3.26	1.50	0.642	2.170	3.382	1643.	40.	4.	758.7	30.7	1
353	10	468	37.0214	89.7402	-789.5	QAL	7.86	0.08	1.27	0.0	0.0	6.201	1530.	45.	6.	759.2	30.6	1
354	0	468	37.0213	89.7394	-788.5	QAL	8.02	2.36	1.20	0.295	1.963	6.657	1682.	32.	4.	761.2	30.7	1
355	0	464	37.0213	89.7387	-790.2	QAL	7.07	1.82	1.14	0.258	1.595	6.181	1445.	43.	5.	761.2	30.8	1
356	10	464	37.0213	89.7380	-787.7	QAL	8.27	0.14	1.32	0.0	0.0	6.283	1509.	39.	9.	759.7	30.8	1
357	0	464	37.0213	89.7372	-786.7	QAL	7.18	1.64	1.20	0.228	1.362	5.967	1475.	35.	7.	758.7	30.8	1
358	0	460	37.0214	89.7365	-789.5	QAL	7.62	2.67	1.04	0.350	2.568	7.338	1483.	35.	9.	759.7	30.8	1
359	0	460	37.0213	89.7357	-788.2	QAL	6.21	1.98	1.40	0.318	1.407	4.423	1425.	43.	3.	760.7	30.9	1
360	0	468	37.0213	89.7350	-788.0	QAL	7.81	2.77	1.06	0.355	2.606	7.341	1542.	40.	1.	759.7	30.9	1
361	0	464	37.0213	89.7343	-786.7	QAL	7.51	4.63	1.01	0.616	4.594	7.455	1570.	40.	5.	758.7	30.9	1
362	0	468	37.0213	89.7335	-786.0	QAL	8.30	3.24	1.35	0.390	2.398	6.141	1782.	36.	4.	759.7	31.0	1
363	0	468	37.0213	89.7328	-788.7	QAL	7.66	1.97	1.15	0.257	1.711	6.657	1670.	48.	6.	760.7	31.1	1
364	0	468	37.0213	89.7320	-788.7	QAL	7.75	3.76	1.06	0.486	3.566	7.342	1635.	39.	3.	759.7	31.1	1
365	0	468	37.0213	89.7313	-789.2	QAL	7.96	2.05	1.34	0.257	1.530	5.945	1593.	40.	7.	758.1	31.1	1
366	0	472	37.0213	89.7306	-793.0	QAL	6.54	2.20	0.98	0.336	2.244	6.674	1510.	51.	9.	759.2	31.0	1
367	10	476	37.0213	89.7299	-789.7	QAL	7.82	1.53	1.25	0.0	0.0	6.249	1513.	36.	9.	761.2	31.0	1
368	10	480	37.0213	89.7290	-787.7	QAL	4.92	1.21	1.27	0.0	0.0	3.885	1454.	28.	14.	761.2	30.9	1
369	10	480	37.0213	89.7283	-786.2	QAL	6.05	0.91	1.26	0.0	0.0	4.785	1468.	47.	11.	758.7	30.9	1
370	10	480	37.0212	89.7276	-785.7	QAL	6.52	1.65	1.25	0.0	0.0	5.224	1400.	45.	9.	758.7	30.8	1
371	0	480	37.0213	89.7269	-787.7	QAL	5.93	2.29	1.09	0.488	2.642	5.418	1403.	39.	5.	760.7	30.8	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
372	0	480	37.0213	89.7261	-788.5		QAL	8.04	2.12	1.12	0.264	1.889	7.161	1498.	45.	5.	760.7	30.8	1
373	0	476	37.0213	89.7253	-789.5		QAL	8.57	2.10	1.29	0.245	1.635	6.672	1617.	31.	5.	758.7	30.8	1
374	0	472	37.0213	89.7246	-792.5		QAL	9.73	2.33	1.20	0.239	1.945	8.125	1609.	41.	0.	758.7	30.8	1
375	0	460	37.0213	89.7239	-791.7		QAL	10.53	2.54	1.17	0.242	2.177	9.012	1592.	32.	1.	759.7	30.8	1
376	0	456	37.0212	89.7231	-788.7		QAL	8.74	2.50	1.08	0.286	2.308	8.065	1592.	43.	4.	760.7	30.8	1
377	0	452	37.0212	89.7224	-790.0		QAL	6.85	2.87	1.33	0.418	2.158	5.163	1676.	37.	2.	759.7	30.8	1
378	10	448	37.0212	89.7217	-789.2		QAL	5.35	1.17	1.15	0.0	0.0	4.636	1587.	42.	8.	758.7	30.8	1
379	0	444	37.0212	89.7209	-791.2		QAL	7.20	3.05	1.08	0.424	2.822	6.657	1481.	43.	6.	759.7	30.8	1
380	0	440	37.0212	89.7202	-793.5		QAL	6.42	4.49	1.37	0.700	3.274	4.679	1525.	42.	4.	761.8	30.8	1
381	10	440	37.0212	89.7195	-793.7		QAL	7.38	0.33	1.46	0.0	0.0	5.037	1447.	45.	9.	761.8	30.8	1
382	10	440	37.0212	89.7187	-792.7		QAL	6.25	0.51	1.52	0.0	0.0	4.103	1498.	42.	7.	759.7	30.8	1
383	10	444	37.0212	89.7179	-790.5		QAL	5.57	0.69	1.42	0.0	0.0	3.932	1434.	51.	9.	759.7	30.8	1
384	0	444	37.0212	89.7172	-792.5		QAL	5.92	2.29	1.42	0.386	1.616	4.182	1439.	28.	7.	759.7	30.8	1
385	10	444	37.0212	89.7165	-796.2		QAL	5.46	1.21	1.62	0.0	0.0	3.370	1450.	34.	6.	760.7	30.8	1
386	0	448	37.0212	89.7157	-796.7		QAL	7.67	1.44	1.40	0.188	1.032	5.494	1386.	29.	2.	761.8	31.0	1
387	0	452	37.0212	89.7149	-795.2		QAL	6.50	1.46	1.48	0.225	0.989	4.396	1343.	30.	1.	761.8	31.0	1
388	0	452	37.0212	89.7142	-796.0		QAL	4.34	2.67	1.22	0.616	2.196	3.565	1304.	22.	3.	759.7	31.1	1
389	10	456	37.0212	89.7135	-796.5		QAL	4.46	0.50	1.54	0.0	0.0	2.893	1345.	38.	5.	758.7	31.2	1
390	0	460	37.0212	89.7127	-802.0		QAL	4.40	3.51	1.32	0.797	2.668	3.347	1367.	48.	0.	758.7	31.2	1
391	0	464	37.0212	89.7121	-802.0		QAL	3.10	1.80	1.37	0.580	1.313	2.265	1296.	50.	5.	759.7	31.2	1
392	0	468	37.0212	89.7113	-799.5		QAL	2.75	2.39	1.41	0.871	1.699	1.952	1322.	41.	5.	760.7	31.2	1
393	0	464	37.0211	89.7105	-801.5		QAL	5.17	2.11	1.25	0.407	1.686	4.138	1290.	36.	0.	759.7	31.1	1
394	0	464	37.0211	89.7098	-804.0		QAL	3.49	2.09	1.28	0.598	1.638	2.738	1327.	31.	2.	759.7	31.2	1
395	0	464	37.0211	89.7090	-804.5		QAL	4.73	1.98	1.24	0.418	1.603	3.832	1326.	39.	1.	759.7	31.2	1
396	0	464	37.0211	89.7083	-807.5		QAL	4.80	1.99	1.20	0.414	1.656	4.005	1354.	44.	1.	758.7	31.2	1
397	10	464	37.0211	89.7076	-808.0		QAL	4.17	1.06	1.49	0.0	0.0	2.788	1342.	41.	5.	758.7	31.0	1
398	0	464	37.0211	89.7068	-808.7		QAL	5.49	2.01	1.22	0.366	1.648	4.506	1358.	42.	1.	759.7	31.0	1
399	10	464	37.0211	89.7061	-812.5		QAL	5.52	1.11	1.23	0.0	0.0	4.501	1375.	42.	7.	760.7	31.0	1
400	0	460	37.0211	89.7054	-814.0		QAL	4.80	2.28	1.42	0.475	1.606	3.384	1390.	48.	3.	760.7	31.0	1
401	0	456	37.0211	89.7045	-814.5		QAL	3.72	1.85	1.26	0.497	1.470	2.957	1420.	25.	9.	760.7	31.0	1
402	10	456	37.0211	89.7039	-816.2		QAL	4.21	0.85	1.25	0.0	0.0	3.360	1337.	40.	8.	760.2	31.0	1
403	10	456	37.0211	89.7031	-815.5		QAL	4.80	1.34	1.25	0.0	0.0	3.832	1299.	52.	9.	759.2	31.0	1
404	10	456	37.0211	89.7024	-818.0		QAL	3.48	1.41	1.54	0.0	0.0	2.267	1361.	55.	9.	758.7	31.0	1
405	0	456	37.0211	89.7017	-821.7		QAL	4.67	2.49	1.18	0.533	2.105	3.950	1424.	42.	10.	758.7	31.1	1
406	0	460	37.0211	89.7009	-822.7		QAL	5.20	2.51	1.29	0.482	1.942	4.030	1431.	40.	10.	759.7	31.1	1
407	0	460	37.0211	89.7001	-822.2		QAL	5.15	2.35	1.26	0.457	1.868	4.088	1483.	40.	9.	761.2	31.0	1
408	0	460	37.0211	89.6994	-822.7		QAL	4.51	2.32	1.18	0.514	1.964	3.817	1362.	39.	4.	761.2	31.0	1
409	0	456	37.0210	89.6987	-821.0		QAL	7.62	1.95	1.23	0.256	1.590	6.202	1436.	48.	3.	760.7	31.0	1
410	0	452	37.0210	89.6979	-820.2		QAL	7.11	2.05	1.22	0.288	1.678	5.831	1368.	41.	5.	759.7	31.0	1
411	0	452	37.0210	89.6972	-825.7		QAL	5.11	2.89	1.17	0.564	2.477	4.389	1352.	43.	7.	758.7	31.0	1
412	0	464	37.0210	89.6964	-826.2		QAL	2.72	2.64	1.31	0.970	2.011	2.072	1368.	43.	6.	758.7	31.0	1
413	10	464	37.0210	89.6957	-826.0		QAL	3.97	0.24	1.39	0.0	0.0	2.869	1260.	50.	9.	758.7	30.9	1
414	10	468	37.0210	89.6950	-827.0		QAL	4.14	0.41	1.57	0.0	0.0	2.627	1317.	35.	8.	759.7	30.9	1
415	0	464	37.0210	89.6942	-828.0		QAL	5.80	1.98	1.23	0.341	1.617	4.735	1245.	40.	5.	760.7	30.8	1
416	10	460	37.0210	89.6935	-828.5		QAL	5.87	0.73	1.52	0.0	0.0	3.863	1262.	40.	4.	761.8	30.8	1
417	10	456	37.0210	89.6928	-828.7		QAL	5.38	1.04	1.43	0.0	0.0	3.754	1352.	37.	8.	761.8	30.8	1
418	10	448	37.0210	89.6920	-829.0		QAL	4.09	0.71	1.46	0.0	0.0	2.802	1241.	51.	9.	761.8	30.8	1
419	10	444	37.0210	89.6913	-830.2		QAL	3.77	1.36	1.41	0.0	0.0	2.686	1313.	33.	10.	760.7	30.7	1
420	0	440	37.0210	89.6905	-831.0		QAL	3.89	2.01	1.40	0.516	1.431	2.773	1369.	41.	5.	761.8	30.7	1
421	10	436	37.0210	89.6897	-832.7		QAL	6.21	0.95	1.34	0.0	0.0	4.633	1315.	33.	6.	761.8	30.7	1
422	10	432	37.0210	89.6890	-834.0		QAL	3.52	0.97	1.34	0.0	0.0	2.628	1283.	39.	9.	759.7	30.8	1
423	0	428	37.0210	89.6883	-829.7		QAL	5.66	1.54	1.39	0.272	1.108	4.080	1305.	39.	5.	760.7	30.6	1
424	0	424	37.0210	89.6876	-828.0		QAL	4.26	2.16	1.39	0.508	1.560	3.068	1244.	49.	4.	760.7	30.7	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
425	0	420	37.0210	89.6869	-828.2	QAL	4.19	2.33	1.32	0.557	1.772	3.183	1223.	39.	4.	760.7	30.7	1
426	0	424	37.0209	89.6860	-826.5	QAL	3.56	1.59	1.30	0.446	1.224	2.743	1193.	58.	6.	761.2	30.7	1
427	10	424	37.0209	89.6853	-823.5	QAL	6.67	0.97	1.06	0.0	0.0	6.290	1243.	37.	3.	760.2	30.7	1
428	10	424	37.0209	89.6846	-822.2	QAL	5.08	0.76	1.35	0.0	0.0	3.751	1207.	39.	5.	761.2	30.8	1
429	10	424	37.0209	89.6839	-821.2	QAL	3.53	0.32	1.57	0.0	0.0	2.253	1299.	50.	10.	763.8	30.9	1
430	10	428	37.0209	89.6831	-820.2	QAL	3.54	0.85	1.42	0.0	0.0	2.500	1242.	56.	7.	763.8	31.0	1
431	0	428	37.0209	89.6823	-820.0	QAL	4.06	2.77	1.20	0.682	2.301	3.376	1257.	36.	5.	763.3	31.0	1
432	0	424	37.0209	89.6816	-815.5	QAL	3.95	2.15	1.26	0.545	1.707	3.133	1317.	31.	7.	763.3	31.2	1
433	10	420	37.0209	89.6809	-812.7	QAL	4.32	1.15	1.04	0.0	0.0	4.159	1228.	37.	6.	762.3	31.2	1
434	0	416	37.0209	89.6801	-812.5	QAL	3.30	1.62	1.53	0.493	1.062	2.154	1278.	36.	9.	762.3	31.3	1
435	0	416	37.0209	89.6794	-812.0	QAL	2.88	2.67	1.20	0.929	2.235	2.406	1230.	49.	0.	762.3	31.2	1
436	10	412	37.0209	89.6787	-807.5	QAL	6.61	0.73	1.38	0.0	0.0	4.788	1328.	38.	4.	761.8	31.2	1
437	0	404	37.0209	89.6779	-803.2	QAL	5.33	1.62	1.08	0.303	1.493	4.925	1199.	40.	2.	761.8	31.2	1
438	0	400	37.0209	89.6772	-802.7	QAL	4.44	1.60	1.05	0.361	1.528	4.236	1170.	37.	3.	761.8	31.1	1
439	0	392	37.0209	89.6765	-801.5	QAL	2.56	1.71	1.34	0.670	1.281	1.913	1180.	43.	5.	761.2	31.1	1
440	0	384	37.0209	89.6757	-794.7	QAL	3.36	1.47	1.23	0.437	1.189	2.721	1238.	39.	6.	761.2	31.1	1
441	10	380	37.0209	89.6749	-790.7	QAL	4.70	1.13	1.31	0.0	0.0	3.588	1221.	41.	6.	760.2	31.1	1
442	10	376	37.0209	89.6742	-789.7	QAL	5.50	0.25	1.24	0.0	0.0	4.431	1259.	48.	6.	760.2	31.1	1
443	0	376	37.0209	89.6735	-784.5	QAL	5.02	1.83	1.36	0.364	1.349	3.703	1364.	37.	11.	761.2	31.2	1
444	10	372	37.0209	89.6727	-782.0	QAL	5.41	0.92	1.21	0.0	0.0	4.450	1335.	35.	13.	762.3	31.2	1
445	10	376	37.0209	89.6720	-780.2	QAL	5.54	1.16	1.02	0.0	0.0	5.425	1376.	44.	13.	762.8	31.2	1
446	0	376	37.0209	89.6712	-773.5	QAL	4.71	2.32	1.19	0.492	1.947	3.956	1363.	54.	14.	762.8	31.2	1
447	10	368	37.0209	89.6705	-769.5	QAL	5.49	1.06	1.33	0.0	0.0	4.130	1434.	33.	12.	762.8	31.2	1
448	10	364	37.0209	89.6698	-767.5	QAL	5.21	0.96	1.56	0.0	0.0	3.347	1445.	54.	10.	763.8	31.2	1
449	10	364	37.0209	89.6691	-764.7	QAL	6.07	0.29	1.57	0.0	0.0	3.872	1469.	51.	10.	762.8	31.1	1
450	0	360	37.0209	89.6683	-761.7	QAL	5.82	2.24	1.55	0.385	1.448	3.759	1571.	30.	8.	762.8	31.1	1
451	10	356	37.0209	89.6676	-756.2	QAL	7.47	0.32	1.44	0.0	0.0	5.179	1520.	29.	9.	763.8	31.0	1
452	0	356	37.0209	89.6669	-751.2	QAL	4.59	2.51	1.33	0.547	1.887	3.451	1413.	44.	6.	763.8	31.0	1
453	10	356	37.0209	89.6662	-750.7	QAL	4.28	1.10	1.48	0.0	0.0	2.894	1444.	42.	5.	762.8	31.0	1
454	0	360	37.0209	89.6654	-749.7	QAL	4.28	1.79	1.54	0.418	1.159	2.774	1437.	40.	7.	763.8	31.0	1
455	0	360	37.0209	89.6646	-744.7	QAL	4.08	1.24	1.33	0.304	0.934	3.070	1351.	38.	9.	763.8	31.0	1
456	0	364	37.0209	89.6639	-737.5	QAL	4.19	1.49	1.28	0.355	1.162	3.274	1321.	42.	9.	763.8	31.0	1
457	10	368	37.0210	89.6632	-735.0	QAL	5.29	0.44	1.20	0.0	0.0	4.420	1295.	33.	10.	763.8	31.0	1
458	0	380	37.0210	89.6624	-732.5	QAL	3.59	2.05	1.27	0.570	1.611	2.825	1190.	42.	7.	763.8	31.0	1
459	10	388	37.0210	89.6617	-730.7	QAL	6.04	0.08	1.42	0.0	0.0	4.251	1308.	34.	8.	762.8	31.0	1
460	10	396	37.0210	89.6610	-729.2	QAL	4.85	0.34	1.24	0.0	0.0	3.913	1261.	47.	8.	762.8	31.1	1
461	0	404	37.0210	89.6603	-725.5	QAL	3.84	2.51	1.29	0.655	1.955	2.982	1313.	57.	5.	762.8	31.1	1
462	0	404	37.0210	89.6595	-722.5	QAL	6.20	1.69	1.10	0.273	1.541	5.651	1384.	30.	4.	762.8	31.1	1
463	0	408	37.0210	89.6588	-721.7	QAL	4.60	3.82	0.92	0.830	4.152	5.000	1307.	33.	0.	762.8	31.0	1
464	0	412	37.0210	89.6581	-719.5	QAL	4.05	2.32	1.40	0.573	1.663	2.902	1381.	37.	3.	762.8	31.0	1
465	0	416	37.0210	89.6573	-717.5	QAL	3.72	2.40	1.42	0.644	1.681	2.611	1396.	26.	5.	762.8	31.0	1
466	10	416	37.0210	89.6565	-715.0	QAL	5.04	0.84	1.37	0.0	0.0	3.686	1370.	39.	4.	762.8	31.0	1
467	10	408	37.0210	89.6558	-710.7	QAL	4.29	1.13	1.42	0.0	0.0	3.024	1350.	56.	5.	762.8	30.9	1
468	0	404	37.0211	89.6551	-711.5	QAL	5.06	2.27	1.32	0.448	1.717	3.830	1442.	29.	7.	762.3	30.9	1
469	10	400	37.0211	89.6544	-710.7	QAL	4.80	0.78	1.41	0.0	0.0	3.407	1393.	49.	10.	762.3	30.9	1
470	10	396	37.0211	89.6536	-707.7	QAL	5.03	0.90	1.38	0.0	0.0	3.640	1400.	45.	13.	762.3	30.9	1
471	10	388	37.0211	89.6529	-708.2	QAL	6.31	0.42	1.46	0.0	0.0	4.329	1347.	33.	13.	761.2	30.9	1
472	0	384	37.0211	89.6522	-709.5	QAL	4.65	1.70	1.06	0.366	1.597	4.366	1308.	39.	11.	762.3	30.9	1
473	10	380	37.0211	89.6514	-707.2	QAL	5.50	0.58	1.32	0.0	0.0	4.151	1331.	48.	12.	762.3	30.8	1
474	10	372	37.0211	89.6507	-704.7	QAL	4.98	0.47	0.98	0.0	0.0	5.066	1282.	31.	11.	761.8	30.9	1
475	10	368	37.0211	89.6500	-704.5	QAL	4.80	0.84	1.00	0.0	0.0	4.829	1208.	36.	12.	762.8	31.0	1
476	0	364	37.0211	89.6492	-706.0	QAL	3.68	1.61	1.21	0.438	1.332	3.039	1155.	43.	9.	761.8	31.0	1
477	10	360	37.0211	89.6485	-704.2	QAL	3.20	0.86	1.45	0.0	0.0	2.214	1140.	30.	12.	760.7	31.0	1

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
478	10	364	37.0211	89.6477	-705.2	QAL	2.98	1.05	1.31	0.0	0.0	2.274	1068.	36.	7.	761.8	31.1	1
479	10	360	37.0212	89.6470	-712.2	QAL	2.05	0.48	1.28	0.0	0.0	1.598	1092.	47.	11.	760.7	31.1	1
480	10	360	37.0212	89.6463	-712.5	QAL	4.84	0.70	1.20	0.0	0.0	4.028	1145.	35.	11.	760.7	31.1	1
481	10	356	37.0212	89.6456	-709.2	QAL	2.36	0.33	1.24	0.0	0.0	1.909	1182.	34.	11.	761.8	31.0	1
482	10	356	37.0212	89.6448	-711.2	QAL	3.30	0.86	1.22	0.0	0.0	2.709	1177.	35.	9.	762.8	31.0	1
483	10	356	37.0212	89.6441	-714.0	QAL	3.89	0.11	1.28	0.0	0.0	3.048	1127.	46.	10.	762.8	31.0	1
484	10	352	37.0212	89.6434	-712.2	QAL	3.23	0.80	1.20	0.0	0.0	2.687	1156.	45.	10.	762.8	31.0	1
485	0	348	37.0212	89.6427	-716.7	QAL	3.02	1.13	1.27	0.374	0.889	2.377	1162.	45.	6.	763.8	31.0	1
486	0	348	37.0212	89.6419	-718.5	QAL	3.45	1.95	1.19	0.566	1.640	2.899	1157.	41.	2.	764.3	31.0	1
487	0	348	37.0212	89.6412	-717.0	QAL	4.42	1.81	1.01	0.409	1.783	4.362	1188.	41.	6.	764.3	31.0	1
488	0	348	37.0212	89.6405	-720.0	QAL	3.73	2.66	1.09	0.713	2.448	3.435	1248.	44.	2.	764.3	31.0	1
489	10	352	37.0212	89.6397	-723.7	QAL	5.35	1.06	1.03	0.0	0.0	5.213	1139.	35.	3.	764.3	31.0	1
490	0	352	37.0212	89.6389	-722.2	QAL	4.06	1.73	1.17	0.427	1.481	3.472	1160.	20.	4.	762.8	31.1	1
491	0	352	37.0212	89.6382	-726.2	QAL	2.93	1.62	1.18	0.552	1.373	2.488	1082.	41.	6.	762.8	31.2	1
492	10	356	37.0212	89.6375	-733.5	QAL	3.39	0.36	1.46	0.0	0.0	2.319	1077.	44.	7.	762.8	31.2	1
493	10	360	37.0212	89.6368	-734.7	QAL	3.39	0.43	1.28	0.0	0.0	2.648	1073.	40.	8.	761.8	31.2	1
494	10	364	37.0212	89.6360	-735.7	QAL	3.62	0.40	1.22	0.0	0.0	2.977	1050.	39.	10.	761.8	31.2	1
495	10	368	37.0212	89.6353	-737.5	QAL	3.63	0.46	1.09	0.0	0.0	3.342	1025.	31.	13.	761.8	31.2	1
496	10	368	37.0212	89.6346	-737.5	QAL	3.73	-1.50	1.09	0.0	0.0	3.431	999.	45.	15.	761.8	31.2	1
497	0	368	37.0212	89.6339	-738.5	QAL	4.27	1.27	1.06	0.298	1.200	4.032	1027.	35.	10.	762.8	31.2	1
498	10	364	37.0213	89.6331	-742.0	QAL	4.41	0.97	0.88	0.0	0.0	5.029	987.	38.	9.	763.8	31.3	1
499	0	360	37.0213	89.6324	-744.2	QAL	2.78	1.33	1.24	0.479	1.073	2.242	1028.	45.	10.	763.8	31.2	1
500	10	356	37.0213	89.6317	-746.5	QAL	3.94	-0.21	1.04	0.0	0.0	3.803	981.	40.	10.	764.3	31.2	1
501	10	352	37.0213	89.6308	-747.2	QAL	4.51	0.95	0.94	0.0	0.0	4.780	960.	32.	8.	764.3	31.2	1
502	0	352	37.0213	89.6301	-749.0	QAL	3.54	1.24	0.87	0.351	1.427	4.068	1017.	35.	4.	763.3	31.3	1
503	0	352	37.0213	89.6294	-750.2	QAL	3.34	2.43	0.78	0.725	3.125	4.310	1044.	51.	5.	763.3	31.3	1
504	0	360	37.0213	89.6287	-752.0	QAL	4.50	1.17	0.92	0.260	1.274	4.900	1057.	40.	4.	762.8	31.3	1
505	0	356	37.0213	89.6280	-753.5	QAL	3.72	2.24	1.13	0.601	1.985	3.302	1053.	30.	3.	761.8	31.2	1
506	10	352	37.0213	89.6272	-755.7	QAL	2.81	0.36	1.08	0.0	0.0	2.593	983.	42.	6.	761.8	31.2	1
507	10	348	37.0213	89.6265	-754.5	QAL	2.17	0.43	1.00	0.0	0.0	2.165	907.	43.	8.	761.2	31.1	1
508	10	352	37.0213	89.6258	-754.7	QAL	2.84	0.79	1.08	0.0	0.0	2.640	901.	40.	10.	761.2	31.2	1
509	10	360	37.0213	89.6250	-757.0	QAL	3.62	-0.09	1.16	0.0	0.0	3.130	941.	34.	8.	763.3	31.3	1
510	10	364	37.0213	89.6243	-760.7	QAL	2.98	-0.06	1.06	0.0	0.0	2.819	956.	44.	8.	764.3	31.3	1
511	10	360	37.0213	89.6236	-760.7	QAL	2.84	-0.22	1.08	0.0	0.0	2.627	939.	41.	7.	763.3	31.4	1
512	10	364	37.0213	89.6229	-752.2	QAL	2.49	-0.17	1.03	0.0	0.0	2.421	886.	49.	10.	762.3	31.4	1
513	10	372	37.0213	89.6221	-753.0	QAL	3.06	-0.13	1.07	0.0	0.0	2.849	965.	37.	6.	761.2	31.5	1
514	10	376	37.0213	89.6213	-763.2	QAL	1.50	-0.19	0.99	0.0	0.0	1.507	895.	42.	11.	760.7	31.5	1
515	10	380	37.0213	89.6206	-767.7	QAL	2.69	0.56	1.03	0.0	0.0	2.622	979.	33.	8.	761.8	31.5	1
516	10	384	37.0214	89.6199	-768.2	QAL	3.16	0.24	1.06	0.0	0.0	2.975	1037.	40.	6.	761.8	31.5	1
517	0	396	37.0214	89.6192	-769.7	QAL	3.52	2.30	1.10	0.654	2.084	3.184	1112.	51.	1.	762.8	31.5	1
518	0	396	37.0214	89.6184	-772.0	QAL	4.75	1.24	1.19	0.261	1.038	3.979	1127.	38.	0.	764.3	31.5	1
519	0	396	37.0214	89.6177	-774.0	QAL	3.75	1.39	0.96	0.372	1.446	3.890	1030.	37.	0.	763.3	31.4	1
520	0	376	37.0214	89.6170	-769.5	QAL	4.32	1.74	0.93	0.402	1.865	4.635	990.	36.	0.	761.2	31.3	1
521	0	372	37.0214	89.6162	-770.2	QAL	3.81	1.87	1.21	0.491	1.544	3.141	1058.	30.	0.	761.2	31.2	1
522	0	368	37.0214	89.6155	-776.7	QAL	2.92	1.61	1.41	0.549	1.142	2.079	1094.	38.	0.	762.3	31.1	1
523	0	360	37.0215	89.6148	-775.5	QAL	3.12	2.08	1.08	0.667	1.923	2.883	993.	41.	0.	762.8	31.1	1
524	0	352	37.0215	89.6141	-773.7	QAL	2.20	1.31	1.14	0.594	1.148	1.933	1068.	41.	2.	763.3	31.2	1
525	10	352	37.0215	89.6132	-776.5	QAL	4.23	0.25	1.11	0.0	0.0	3.817	1057.	50.	2.	763.3	31.2	1
526	0	352	37.0215	89.6125	-778.7	QAL	2.24	1.89	1.08	0.846	1.748	2.066	1084.	40.	2.	762.3	31.3	1
527	0	352	37.0215	89.6118	-775.2	QAL	2.22	1.97	1.25	0.888	1.576	1.776	1066.	37.	2.	761.2	31.3	1
528	0	352	37.0215	89.6111	-775.0	QAL	3.39	1.81	1.13	0.534	1.597	2.992	1054.	38.	3.	761.8	31.2	1
529	10	356	37.0215	89.6103	-777.2	QAL	3.27	0.76	1.01	0.0	0.0	3.235	989.	45.	5.	762.8	31.2	1
530	0	360	37.0215	89.6096	-779.7	QAL	2.75	1.94	1.23	0.705	1.569	2.225	1002.	36.	2.	763.3	31.2	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
531	0	360	37.0215	89.6089	-778.2	QAL	3.56	1.46	0.99	0.410	1.478	3.604	981.	40.	2.	763.8	31.1	1
532	10	360	37.0215	89.6082	-776.0	QAL	3.97	0.04	0.99	0.0	0.0	4.013	1039.	37.	7.	763.8	31.1	1
533	0	360	37.0215	89.6074	-776.0	QAL	3.04	1.54	1.13	0.507	1.363	2.688	1134.	31.	6.	763.8	31.1	1
534	0	356	37.0215	89.6067	-781.2	QAL	4.53	1.51	1.02	0.332	1.484	4.465	1081.	34.	8.	763.8	31.1	1
535	0	348	37.0215	89.6060	-782.5	QAL	2.22	1.49	1.04	0.671	1.435	2.137	1103.	33.	8.	762.8	31.0	1
536	10	348	37.0215	89.6052	-780.5	QAL	2.49	0.56	1.30	0.0	0.0	1.907	1079.	35.	9.	761.8	31.1	1
537	0	340	37.0216	89.6045	-781.2	QAL	2.67	1.59	1.20	0.597	1.324	2.217	1119.	30.	10.	762.8	31.0	1
538	10	336	37.0216	89.6037	-781.7	QAL	3.93	0.31	1.20	0.0	0.0	3.272	1034.	31.	10.	762.8	31.1	1
539	10	332	37.0216	89.6030	-779.0	QAL	1.82	0.70	1.19	0.0	0.0	1.526	1010.	51.	10.	763.8	31.0	1
540	10	328	37.0216	89.6023	-778.7	QAL	2.65	0.59	1.23	0.0	0.0	2.158	991.	40.	6.	764.3	31.0	1
541	0	324	37.0216	89.6015	-780.5	QAL	3.53	1.50	1.05	0.425	1.432	3.370	1013.	27.	2.	764.3	31.0	1
542	10	324	37.0216	89.6008	-782.7	QAL	3.37	0.78	1.11	0.0	0.0	3.026	1008.	34.	3.	763.8	31.1	1
543	10	328	37.0216	89.6001	-782.5	QAL	3.39	0.07	1.14	0.0	0.0	2.961	1003.	49.	3.	762.8	31.2	1
544	0	336	37.0216	89.5994	-778.7	QAL	2.37	1.45	1.27	0.613	1.145	1.868	1022.	40.	5.	762.8	31.5	1
545	0	344	37.0216	89.5986	-780.2	QAL	3.48	1.11	1.10	0.320	1.012	3.158	1061.	39.	5.	762.8	31.5	1
546	0	356	37.0216	89.5979	-784.0	QAL	4.35	2.09	1.08	0.481	1.946	4.046	1175.	50.	3.	762.8	31.6	1
547	10	360	37.0216	89.5971	-778.7	QAL	3.14	0.63	1.15	0.0	0.0	2.728	1153.	39.	8.	762.8	31.5	1
548	10	360	37.0216	89.5964	-780.5	QAL	4.81	0.87	1.19	0.0	0.0	4.055	1212.	39.	9.	763.8	31.5	1
549	10	356	37.0216	89.5957	-786.2	QAL	3.81	-0.13	1.12	0.0	0.0	3.389	1146.	47.	13.	763.8	31.4	1
550	10	352	37.0216	89.5949	-785.5	QAL	3.99	0.59	1.23	0.0	0.0	3.237	1224.	27.	10.	763.3	31.4	1
551	0	352	37.0216	89.5942	-783.5	QAL	2.83	1.28	1.02	0.451	1.248	2.766	1122.	36.	10.	763.3	31.4	1
552	0	352	37.0216	89.5935	-783.0	QAL	3.13	1.39	1.03	0.444	1.353	3.045	1072.	45.	9.	762.8	31.5	1
553	10	356	37.0217	89.5927	-782.2	QAL	3.11	0.16	1.21	0.0	0.0	2.566	1100.	37.	10.	761.8	31.4	1
554	0	356	37.0217	89.5920	-782.2	QAL	3.31	1.27	0.97	0.385	1.315	3.418	1029.	38.	4.	762.8	31.3	1
555	0	356	37.0217	89.5913	-783.2	QAL	2.02	1.47	1.08	0.729	1.365	1.873	1075.	38.	8.	764.3	31.3	1
556	10	360	37.0217	89.5905	-783.2	QAL	1.85	0.74	1.08	0.0	0.0	1.706	1003.	37.	7.	763.8	31.3	1
557	0	360	37.0217	89.5898	-784.0	QAL	2.22	1.41	1.12	0.636	1.264	1.989	1021.	43.	4.	762.8	31.3	1
558	0	356	37.0217	89.5891	-784.0	QAL	3.03	1.13	1.11	0.373	1.016	2.722	1069.	42.	6.	761.8	31.2	1
559	0	360	37.0217	89.5883	-781.5	QAL	3.73	1.31	1.08	0.352	1.212	3.445	1116.	41.	3.	762.8	31.2	1
560	0	360	37.0217	89.5876	-781.5	QAL	5.30	1.34	1.12	0.252	1.193	4.728	1231.	41.	5.	763.8	31.2	1
561	10	356	37.0217	89.5869	-782.5	QAL	3.33	0.65	1.13	0.0	0.0	2.943	1133.	38.	9.	763.8	31.1	1
562	10	352	37.0217	89.5861	-783.0	QAL	3.70	0.97	0.98	0.0	0.0	3.792	1062.	54.	10.	762.8	31.2	1
563	0	352	37.0217	89.5854	-783.7	QAL	4.13	1.77	0.94	0.428	1.889	4.418	1120.	35.	9.	762.3	31.2	1
564	10	352	37.0217	89.5846	-784.2	QAL	4.98	-0.15	1.37	0.0	0.0	3.645	1172.	36.	10.	763.3	31.2	1
565	10	348	37.0217	89.5839	-783.0	QAL	4.94	0.74	1.25	0.0	0.0	3 938	1177.	37.	9.	764.9	31.1	1
566	10	344	37.0217	89.5832	-784.2	QAL	3.51	-0.07	1.21	0.0	0.0	2.892	1066.	33.	14.	763.8	31.2	1
567	0	340	37.0217	89.5825	-786.7	QAL	2.16	1.60	1.21	0.739	1.320	1.787	1137.	47.	10.	762.3	31.2	1
568	10	336	37.0217	89.5817	-785.5	QAL	3.94	0.09	1.10	0.0	0.0	3.571	1158.	41.	14.	761.8	31.4	1
569	10	340	37.0217	89.5810	-786.0	QAL	5.71	-0.41	1.48	0.0	0.0	3.849	1238.	34.	9.	762.8	31.6	1
570	0	348	37.0217	89.5802	-785.2	QAL	5.26	1.39	1.18	0.264	1.176	4.459	1247.	39.	7.	764.3	31.7	1
571	10	356	37.0218	89.5795	-782.7	QAL	3.41	0.45	1.34	0.0	0.0	2.548	1167.	49.	10.	763.8	31.7	1
572	10	364	37.0218	89.5788	-783.5	QAL	4.48	1.18	1.00	0.0	0.0	4.486	1117.	38.	7.	762.3	31.7	1
573	10	372	37.0218	89.5780	-786.5	QAL	4.23	0.65	1.23	0.0	0.0	3.439	1184.	46.	8.	761.2	31.7	1
574	10	384	37.0218	89.5773	-785.5	QAL	2.44	1.10	1.29	0.0	0.0	1.892	1182.	33.	9.	761.8	31.7	1
575	10	388	37.0218	89.5766	-785.2	QAL	3.89	0.33	1.33	0.0	0.0	2.930	1174.	35.	8.	762.8	31.6	1
576	0	388	37.0218	89.5758	-786.7	QAL	2.65	2.42	1.12	0.914	2.169	2.374	1177.	33.	8.	762.8	31.5	1
577	10	388	37.0218	89.5751	-787.0	QAL	3.18	0.71	1.24	0.0	0.0	2.569	1108.	36.	2.	760.7	31.4	1
578	0	388	37.0218	89.5744	-787.2	QAL	2.36	1.39	1.29	0.591	1.079	1.826	1115.	49.	6.	760.7	31.4	1
579	0	388	37.0218	89.5737	-788.7	QAL	2.97	2.28	1.18	0.766	1.933	2.523	1126.	45.	0.	762.3	31.3	1
580	0	388	37.0219	89.5729	-787.7	QAL	4.03	2.79	1.29	0.693	2.165	3.124	1146.	38.	0.	763.3	31.3	1
581	0	384	37.0219	89.5722	-786.7	QAL	1.70	2.44	1.31	1.431	1.864	1.303	1049.	45.	0.	762.3	31.2	1
582	0	376	37.0219	89.5714	-788.0	QAL	2.98	1.41	1.44	0.472	0.979	2.072	1116.	33.	1.	760.7	31.1	1
583	0	372	37.0219	89.5707	-791.2	QAL	3.40	1.63	1.24	0.479	1.309	2.732	1028.	41.	2.	761.8	31.1	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
584	0	368	37.0219	89.5700	-793.7	QAL	1.77	2.11	1.05	1.197	2.012	1.680	1026.	35.	3.	763.8	31.1	1
585	0	364	37.0219	89.5693	-793.7	QAL	2.27	1.79	1.11	0.791	1.612	2.039	1048.	27.	4.	763.8	31.0	1
586	0	360	37.0219	89.5685	-797.0	QAL	3.65	1.21	1.17	0.330	1.027	3.110	1048.	43.	2.	762.3	31.0	1
587	10	360	37.0219	89.5678	-798.0	QAL	3.41	0.57	1.27	0.0	0.0	2.682	1103.	26.	7.	762.3	31.1	1
588	0	356	37.0219	89.5670	-798.2	QAL	2.85	1.33	1.15	0.468	1.162	2.483	1009.	38.	2.	763.3	31.2	1
589	0	360	37.0219	89.5663	-799.5	QAL	2.50	2.06	1.27	0.824	1.631	1.979	1154.	33.	4.	763.3	31.4	1
590	10	360	37.0219	89.5656	-797.2	QAL	3.82	0.60	1.39	0.0	0.0	2.756	1048.	57.	4.	762.3	31.4	1
591	0	364	37.0219	89.5649	-796.2	QAL	1.76	1.80	1.15	1.024	1.565	1.528	1100.	37.	0.	762.8	31.4	1
592	10	360	37.0220	89.5641	-796.5	QAL	2.95	0.89	1.28	0.0	0.0	2.305	1138.	43.	4.	763.8	31.4	1
593	0	360	37.0220	89.5634	-797.7	QAL	2.44	1.54	1.12	0.631	1.369	2.172	1126.	46.	4.	762.8	31.3	1
594	10	352	37.0220	89.5627	-802.0	QAL	2.93	0.30	1.31	0.0	0.0	2.243	1048.	54.	4.	761.8	31.3	1
595	0	356	37.0220	89.5619	-802.0	QAL	3.81	1.29	1.15	0.337	1.120	3.319	1077.	50.	4.	762.8	31.3	1
596	0	356	37.0220	89.5612	-801.7	QAL	3.27	1.25	1.18	0.382	1.055	2.764	1097.	41.	2.	763.8	31.3	1
597	10	356	37.0220	89.5605	-803.7	QAL	3.38	0.79	1.15	0.0	0.0	2.947	1045.	37.	3.	762.8	31.3	1
598	10	356	37.0220	89.5597	-803.5	QAL	4.05	0.96	1.09	0.0	0.0	3.727	1021.	48.	5.	761.8	31.3	1
599	10	356	37.0220	89.5590	-804.2	QAL	4.33	0.16	1.01	0.0	0.0	4.284	1048.	42.	8.	762.8	31.3	1
600	0	356	37.0220	89.5582	-806.7	QAL	2.64	1.36	1.00	0.514	1.355	2.635	1010.	37.	7.	763.8	31.4	1
601	10	348	37.0220	89.5575	-805.2	QAL	2.90	0.32	1.27	0.0	0.0	2.293	1006.	32.	8.	762.8	31.6	1
602	10	352	37.0220	89.5568	-803.2	QAL	4.20	0.01	1.05	0.0	0.0	3.997	1021.	41.	9.	761.8	31.5	1
603	10	352	37.0220	89.5561	-808.0	QAL	4.98	1.06	0.90	0.0	0.0	5.499	1015.	32.	6.	763.3	31.5	1
604	10	356	37.0220	89.5553	-808.7	QAL	3.07	0.83	0.93	0.0	0.0	3.293	933.	36.	11.	764.9	31.6	1
605	10	360	37.0220	89.5546	-807.2	QAL	4.31	0.96	0.78	0.0	0.0	5.514	888.	32.	5.	763.3	31.5	1
606	10	356	37.0220	89.5538	-809.0	QAL	1.40	0.85	0.44	0.0	0.0	3.202	684.	40.	10.	761.2	31.4	1
607	110	356	37.0220	89.5531	-808.7	QAL	0.95	0.40	0.59	0.0	0.0	0.0	606.	38.	11.	762.8	31.4	1
608	10	352	37.0220	89.5524	-804.7	QAL	1.65	-0.07	0.73	0.0	0.0	2.277	683.	37.	11.	764.3	31.4	1
609	10	348	37.0221	89.5516	-805.5	QAL	2.25	0.64	1.08	0.0	0.0	2.093	950.	34.	9.	762.8	31.3	1
610	0	348	37.0221	89.5509	-810.0	QAL	2.59	1.51	1.32	0.585	1.150	1.966	1040.	51.	8.	762.3	31.3	1
611	10	344	37.0221	89.5502	-808.7	QAL	2.79	0.17	1.36	0.0	0.0	2.051	1037.	41.	8.	764.3	31.2	1
612	10	344	37.0221	89.5495	-805.2	QAL	3.65	-0.06	1.69	0.0	0.0	2.166	1196.	42.	9.	763.8	31.3	1
613	0	348	37.0221	89.5487	-807.0	QAL	2.59	1.89	1.08	0.728	1.755	2.410	1133.	40.	4.	762.3	31.3	1
614	10	348	37.0221	89.5480	-807.7	QAL	3.24	0.65	1.40	0.0	0.0	2.313	1121.	37.	9.	763.3	31.3	1
615	10	348	37.0221	89.5473	-806.7	QAL	3.62	0.32	1.16	0.0	0.0	3.107	1124.	29.	9.	764.3	31.3	1
616	10	348	37.0221	89.5465	-805.5	QAL	2.68	0.70	1.17	0.0	0.0	2.293	1074.	46.	8.	763.8	31.3	1
617	0	348	37.0221	89.5458	-807.5	QAL	2.99	2.09	1.11	0.699	1.878	2.686	1051.	34.	7.	762.8	31.2	1
618	10	348	37.0221	89.5451	-806.2	QAL	3.85	1.01	1.02	0.0	0.0	3.773	1075.	35.	7.	763.8	31.2	1
619	10	348	37.0222	89.5444	-803.7	QAL	3.18	0.45	1.18	0.0	0.0	2.703	1113.	42.	10.	764.3	31.2	1
620	10	344	37.0222	89.5436	-804.2	QAL	3.64	0.41	1.10	0.0	0.0	3.306	1038.	40.	8.	763.3	31.2	1
621	0	336	37.0222	89.5429	-804.0	QAL	4.21	1.45	1.27	0.345	1.143	3.313	1103.	37.	4.	763.3	31.2	1
622	0	332	37.0222	89.5422	-802.2	QAL	2.93	1.97	1.32	0.673	1.496	2.223	1140.	37.	5.	764.3	31.2	1
623	0	332	37.0222	89.5415	-799.2	QAL	3.30	1.73	1.07	0.524	1.614	3.078	1126.	32.	6.	762.8	31.1	1
624	0	328	37.0222	89.5407	-796.7	QAL	2.72	2.23	1.28	0.819	1.733	2.117	1114.	44.	6.	762.8	31.1	1
625	10	328	37.0222	89.5400	-795.5	QAL	3.43	0.91	1.45	0.0	0.0	2.372	1163.	41.	8.	764.9	31.1	1
626	0	328	37.0222	89.5393	-797.7	QAL	3.85	2.07	1.19	0.537	1.734	3.229	1153.	44.	5.	763.8	31.1	1
627	0	328	37.0222	89.5385	-798.5	QAL	3.93	2.15	0.86	0.547	2.493	4.555	1092.	43.	5.	762.3	31.1	1
628	0	328	37.0222	89.5379	-794.7	QAL	2.67	1.54	1.08	0.578	1.428	2.469	1075.	46.	6.	764.9	31.2	1
629	10	332	37.0222	89.5371	-792.7	QAL	4.07	0.84	1.12	0.0	0.0	3.633	1023.	46.	8.	764.3	31.1	1
630	10	312	37.0222	89.5364	-794.5	QAL	3.87	-0.21	1.33	0.0	0.0	2.915	1069.	43.	8.	762.8	31.2	1
631	10	296	37.0223	89.5356	-793.7	QAL	3.40	0.51	1.19	0.0	0.0	2.854	1123.	33.	7.	764.3	31.2	1
632	10	332	37.0223	89.5349	-790.2	QAL	4.95	0.74	1.14	0.0	0.0	4.342	1107.	37.	7.	763.8	31.2	1
633	10	332	37.0223	89.5342	-789.7	QAL	2.82	0.42	1.66	0.0	0.0	1.699	1142.	34.	4.	762.8	31.2	1
634	0	332	37.0223	89.5335	-788.0	QAL	2.66	1.52	1.22	0.573	1.251	2.184	1053.	33.	6.	763.8	31.1	1
635	10	340	37.0223	89.5328	-789.0	QAL	1.60	0.48	1.11	0.0	0.0	1.440	918.	37.	8.	763.8	31.1	1
636	0	336	37.0223	89.5319	-786.5	QAL	2.13	1.07	1.08	0.503	0.993	1.975	955.	29.	8.	762.8	31.1	1

CP9 1P 12

FLIGHT LINE 12 DAY 168 REDUCED DATA TEX-KENT 1979 PADUCAH

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
637	10	332	37.0223	89.5312	-783.0	QAL	2.44	0.52	1.20	0.0	0.0	2.028	1086.	34.	10.	764.3	31.0	1
638	10	336	37.0223	89.5305	-783.2	QAL	3.23	0.96	1.32	0.0	0.0	2.444	1167.	35.	4.	763.8	31.0	1
639	0	332	37.0223	89.5298	-783.0	QAL	3.02	1.45	1.26	0.481	1.155	2.403	1198.	49.	5.	763.3	31.0	1
640	10	332	37.0223	89.5291	-781.0	QAL	4.76	0.76	1.45	0.0	0.0	3.274	1257.	31.	4.	764.3	31.1	1
641	0	332	37.0223	89.5284	-782.0	QAL	3.47	1.31	1.42	0.378	0.924	2.447	1257.	46.	3.	762.8	31.1	1
642	0	336	37.0224	89.5276	-777.7	QAL	3.09	1.05	1.43	0.339	0.734	2.166	1295.	32.	4.	762.8	31.2	1
643	10	340	37.0224	89.5269	-775.2	QAL	3.50	0.78	1.23	0.0	0.0	2.850	1174.	37.	0.	763.8	31.3	1
644	0	344	37.0224	89.5262	-777.7	QAL	5.02	1.30	1.23	0.259	1.061	4.095	1181.	41.	0.	762.8	31.3	1
645	0	352	37.0224	89.5254	-774.7	QAL	3.46	1.36	1.49	0.392	0.911	2.324	1181.	28.	0.	763.8	31.3	1
646	10	352	37.0224	89.5247	-772.0	QAL	4.22	0.65	1.38	0.0	0.0	3.057	1115.	53.	0.	763.8	31.3	1
647	0	356	37.0224	89.5240	-772.7	QAL	2.40	1.32	1.00	0.551	1.315	2.387	1114.	27.	3.	762.3	31.3	1
648	0	356	37.0224	89.5232	-772.0	QAL	2.97	1.62	1.38	0.546	1.177	2.155	1142.	42.	4.	763.8	31.4	1
649	10	360	37.0224	89.5225	-773.0	QAL	4.09	0.39	1.25	0.0	0.0	3.281	1108.	39.	6.	762.8	31.4	1
650	0	360	37.0224	89.5218	-772.2	QAL	2.41	1.95	1.46	0.810	1.338	1.652	1219.	37.	6.	762.3	31.5	1
651	10	364	37.0224	89.5211	-771.2	QAL	4.77	1.01	1.19	0.0	0.0	4.018	1189.	37.	8.	763.3	31.4	1
652	0	368	37.0224	89:5204	-769.7	QAL	2.89	1.99	1.30	0.689	1.524	2.211	1243.	38.	9.	762.3	31.4	1
653	10	372	37.0224	89.5197	-767.7	QAL	4.28	0.43	1.61	0.0	0.0	2.662	1281.	41.	11.	762.3	31.5	1
654	10	372	37.0224	89.5189	-767.0	QAL	4.35	1.19	1.26	0.0	0.0	3.467	1226.	45.	8.	762.8	31.6	1
655	0	376	37.0225	89.5181	-766.7	QAL	4.12	2.13	1.38	0.516	1.536	2.976	1281.	48.	7.	762.3	31.6	1
656	10	376	37.0225	89.5174	-765.0	QAL	5.19	0.99	1.41	0.0	0.0	3.686	1279.	30.	2.	762.3	31.6	1
657	0	380	37.0225	89.5167	-764.2	QAL	3.55	1.46	1.48	0.413	0.990	2.396	1267.	49.	0.	762.3	31.6	1
658	0	380	37.0225	89.5160	-765.0	QAL	4.24	1.81	1.49	0.427	1.215	2.848	1223.	43.	0.	761.8	31.7	1
659	0	384	37.0225	89.5152	-762.5	QAL	2.87	1.51	1.37	0.528	1.103	2.088	1226.	46.	1.	762.3	31.6	1
660	0	380	37.0225	89.5145	-763.0	QAL	3.20	1.98	1.26	0.619	1.572	2.538	1145.	47.	0.	761.2	31.6	1
661	0	384	37.0225	89.5138	-763.0	QAL	5.54	1.51	1.26	0.273	1.198	4.381	1119.	46.	1.	760.2	31.7	1
662	10	392	37.0225	89.5130	-760.5	QAL	4.60	0.88	0.94	0.0	0.0	4.909	1105.	45.	5.	761.2	31.7	1
663	0	396	37.0225	89.5123	-759.2	QAL	2.30	3.30	0.92	1.434	3.600	2.510	1050.	43.	2.	761.8	31.7	1
664	0	396	37.0225	89.5116	-759.7	QAL	6.87	2.02	0.89	0.293	2.277	7.759	1206.	32.	6.	762.3	31.8	1
665	0	396	37.0225	89.5108	-754.2	QAL	4.09	2.79	0.88	0.682	3.180	4.660	1119.	39.	6.	762.3	31.8	1
666	10	392	37.0225	89.5101	-750.7	QAL	3.32	0.65	1.09	0.0	0.0	3.041	1042.	45.	9.	761.8	31.7	1
667	0	392	37.0226	89.5094	-755.5	QAL	1.50	1.21	1.06	0.804	1.136	1.413	1022.	33.	8.	761.8	31.6	1
668	10	388	37.0226	89.5087	-758.2	QAL	2.61	-1.00	1.29	0.0	0.0	2.021	941.	39.	12.	761.2	31.6	1
669	10	384	37.0226	89.5080	-756.7	QAL	3.62	-0.05	1.13	0.0	0.0	3.215	976.	36.	10.	760.7	31.3	1
670	10	384	37.0226	89.5072	-761.2	QAL	2.19	0.63	1.14	0.0	0.0	1.929	990.	41.	7.	761.8	31.4	1
671	10	388	37.0226	89.5065	-760.5	QAL	2.61	1.05	0.95	0.0	0.0	2.749	968.	43.	6.	762.3	31.5	1
672	0	388	37.0226	89.5058	-755.7	QAL	2.48	1.86	0.86	0.749	2.171	2.899	991.	30.	6.	761.2	31.6	1
673	0	392	37.0226	89.5051	-755.7	QAL	1.93	2.61	0.91	1.350	2.876	2.130	991.	42.	0.	761.8	31.7	1
674	0	392	37.0226	89.5043	-753.2	QAL	3.37	2.22	0.95	0.659	2.332	3.540	981.	39.	0.	762.8	31.8	1
675	0	392	37.0226	89.5036	-754.0	QAL	2.42	1.17	0.97	0.485	1.210	2.494	1008.	48.	3.	761.8	31.8	1
676	0	392	37.0226	89.5029	-757.0	QAL	2.73	1.56	1.08	0.573	1.450	2.531	988.	38.	2.	761.8	31.8	1
677	0	392	37.0226	89.5021	-755.5	QAL	1.73	2.16	1.06	1.245	2.036	1.635	953.	37.	0.	761.8	31.7	1
678	100	388	37.0226	89.5014	-755.0	QAL	0.90	2.29	0.85	0.0	2.710	0.0	911.	45.	1.	760.7	31.7	1
679	0	388	37.0226	89.5007	-752.0	QAL	3.90	1.21	0.97	0.310	1.246	4.014	910.	40.	0.	761.2	31.7	1
680	10	388	37.0227	89.5000	-750.0	QAL	4.31	-0.19	1.24	0.0	0.0	3.468	917.	48.	4.	762.3	31.8	1
681	10	388	37.0227	89.4993	-754.7	QAL	3.44	0.91	1.06	0.0	0.0	3.231	1038.	38.	4.	762.3	31.6	1
682	10	392	37.0227	89.4985	-756.0	QAL	2.99	1.03	1.14	0.0	0.0	2.615	973.	40.	8.	761.8	31.6	1
683	0	388	37.0227	89.4977	-753.7	QAL	2.75	1.78	1.03	0.648	1.735	2.679	1022.	48.	6.	761.2	31.5	1
684	10	388	37.0227	89.4970	-753.7	QAL	3.35	0.59	0.94	0.0	0.0	3.576	983.	41.	11.	761.2	31.5	1
685	10	388	37.0227	89.4963	-750.0	QAL	2.78	0.20	1.27	0.0	0.0	2.187	1006.	41.	8.	761.2	31.5	1
686	10	388	37.0227	89.4956	-749.5	QAL	2.96	-0.18	1.09	0.0	0.0	2.729	1012.	39.	13.	761.2	31.7	1
687	10	392	37.0227	89.4949	-753.2	QAL	2.76	-1.64	1.37	0.0	0.0	2.011	979.	50.	12.	760.7	31.7	1
688	10	396	37.0227	89.4941	-753.0	QAL	2.47	0.71	1.19	0.0	0.0	2.078	1063.	35.	10.	760.7	31.8	1
689	0	400	37.0227	89.4934	-751.0	QAL	1.58	1.46	1.13	0.921	1.288	1.399	975.	29.	8.	761.2	31.9	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
690	10	404	37.0227	89.4927	-747.5	QAL	3.47	0.53	0.96	0.0	0.0	3.629	999.	37.	7.	761.2	31.9	1
691	10	408	37.0227	89.4920	-749.0	QAL	2.18	1.18	1.12	0.0	0.0	1.939	1022.	44.	7.	761.2	31.8	1
692	0	408	37.0227	89.4912	-752.2	QAL	4.20	1.74	1.02	0.415	1.711	4.122	1040.	35.	6.	761.2	31.8	1
693	0	412	37.0227	89.4905	-749.2	QAL	3.00	1.41	1.22	0.470	1.155	2.456	1014.	40.	5.	761.2	31.8	1
694	10	412	37.0227	89.4897	-748.5	QAL	2.89	0.50	1.06	0.0	0.0	2.732	1022.	31.	6.	761.2	31.8	1
695	10	412	37.0227	89.4890	-753.0	QAL	3.92	1.07	1.30	0.0	0.0	3.008	975.	35.	4.	761.2	31.9	1
696	10	408	37.0227	89.4883	-749.5	QAL	2.70	0.90	1.00	0.0	0.0	2.695	1061.	30.	7.	760.7	31.9	1
697	10	400	37.0227	89.4876	-748.2	QAL	1.51	0.81	1.17	0.0	0.0	1.289	893.	47.	7.	760.7	31.9	1
698	10	480	37.0228	89.4869	-753.2	QAL	3.23	0.32	1.42	0.0	0.0	2.274	1093.	44.	10.	760.7	31.9	1
699	10	404	37.0228	89.4862	-750.2	QAL	3.33	-0.42	1.48	0.0	0.0	2.245	1137.	49.	9.	760.7	31.8	1
700	10	408	37.0228	89.4854	-744.5	QAL	4.31	0.81	1.41	0.0	0.0	3.063	1174.	44.	9.	759.7	31.8	1
701	0	408	37.0228	89.4846	-745.2	QAL	3.75	1.66	1.36	0.442	1.214	2.746	1193.	29.	8.	760.7	31.7	1
702	0	412	37.0228	89.4839	-748.7	QAL	1.85	2.42	1.10	1.307	2.192	1.677	1093.	49.	8.	760.7	31.7	1
703	10	412	37.0228	89.4832	-746.5	QAL	3.65	0.61	1.34	0.0	0.0	2.727	1071.	46.	8.	760.7	31.6	1
704	0	412	37.0228	89.4825	-744.0	QAL	3.00	1.97	1.28	0.658	1.538	2.339	1153.	38.	8.	760.7	31.5	1
705	0	404	37.0228	89.4817	-743.5	QAL	3.91	1.82	1.17	0.466	1.558	3.346	1121.	36.	7.	760.7	31.4	1
706	0	404	37.0228	89.4810	-743.5	QAL	2.79	1.20	1.26	0.430	0.951	2.210	1099.	40.	6.	759.7	31.5	1
707	0	404	37.0229	89.4803	-747.0	QAL	3.03	2.39	1.24	0.790	1.927	2.440	1130.	34.	3.	760.7	31.5	1
708	10	400	37.0229	89.4796	-746.7	QAL	2.94	1.06	1.16	0.0	0.0	2.525	1082.	50.	2.	760.7	31.6	1
709	10	400	37.0229	89.4788	-744.2	QAL	2.19	0.72	1.25	0.0	0.0	1.750	1142.	32.	3.	761.2	31.5	1
710	10	400	37.0229	89.4781	-743.7	QAL	3.51	0.55	1.38	0.0	0.0	2.541	1058.	37.	4.	761.2	31.6	1
711	10	400	37.0229	89.4774	-742.2	QAL	1.99	0.29	1.28	0.0	0.0	1.561	1076.	38.	5.	760.2	31.6	1
712	100	396	37.0229	89.4767	-739.2	QAL	1.01	1.38	1.37	0.0	1.005	0.0	1107.	43.	7.	760.2	31.5	1
713	10	392	37.0229	89.4759	-737.7	QAL	4.99	-0.59	1.64	0.0	0.0	3.036	1076.	29.	9.	760.2	31.5	1
714	110	396	37.0229	89.4752	-740.2	QAL	0.61	0.76	1.33	0.0	0.0	0.0	1032.	39.	11.	760.2	31.6	1
715	0	400	37.0229	89.4745	-744.0	QAL	2.25	1.78	1.14	0.792	1.564	1.974	1107.	42.	12.	760.7	31.5	1
716	10	396	37.0229	89.4737	-741.7	QAL	2.23	0.21	1.33	0.0	0.0	1.670	1073.	34.	14.	761.8	31.6	1
717	10	396	37.0229	89.4730	-739.0	QAL	2.79	-0.04	1.31	0.0	0.0	2.134	1069.	40.	11.	761.8	31.5	1
718	10	396	37.0229	89.4723	-739.0	QAL	3.04	0.86	1.15	0.0	0.0	2.637	1048.	34.	12.	761.2	31.5	1
719	10	392	37.0229	89.4716	-741.2	QAL	2.68	0.17	1.34	0.0	0.0	2.000	1045.	43.	8.	760.2	31.5	1
720	10	392	37.0229	89.4709	-741.5	QAL	3.33	0.27	1.32	0.0	0.0	2.517	1049.	51.	5.	760.2	31.5	1
721	0	388	37.0229	89.4702	-738.7	QAL	2.51	1.24	1.25	0.493	0.989	2.005	1097.	38.	6.	761.2	31.5	1
722	10	388	37.0230	89.4694	-740.2	QAL	4.09	0.26	1.30	0.0	0.0	3.142	1089.	35.	7.	761.2	31.6	1
723	10	388	37.0230	89.4686	-741.5	QAL	1.44	0.40	1.19	0.0	0.0	1.205	1052.	38.	10.	760.7	31.7	1
724	0	392	37.0230	89.4679	-738.7	QAL	1.75	1.42	1.39	0.809	1.022	1.262	1067.	34.	6.	760.7	31.8	1
725	0	400	37.0230	89.4672	-737.0	QAL	2.04	1.50	1.06	0.735	1.410	1.919	1048.	35.	6.	760.7	31.9	1
726	10	404	37.0230	89.4665	-736.0	QAL	4.74	0.23	1.43	0.0	0.0	3.317	1086.	34.	6.	760.7	31.9	1
727	10	412	37.0230	89.4658	-734.0	QAL	3.43	1.20	1.23	0.0	0.0	2.791	1115.	35.	10.	760.7	31.9	1
728	10	416	37.0230	89.4650	-736.2	QAL	3.32	-0.11	1.30	0.0	0.0	2.547	1112.	45.	11.	760.7	31.9	1
729	10	420	37.0230	89.4642	-738.5	QAL	1.41	0.70	1.20	0.0	0.0	1.172	1089.	40.	10.	760.7	32.0	1
730	10	428	37.0230	89.4635	-737.0	QAL	2.63	0.86	1.04	0.0	0.0	2.529	996.	37.	9.	760.7	32.0	1
731	10	428	37.0230	89.4628	-737.7	QAL	3.04	0.27	1.12	0.0	0.0	2.724	991.	42.	10.	759.7	31.9	1
732	10	420	37.0230	89.4621	-738.5	QAL	3.42	0.61	1.02	0.0	0.0	3.353	1032.	33.	9.	759.7	31.9	1
733	0	416	37.0230	89.4614	-739.2	QAL	2.43	1.62	1.15	0.664	1.400	2.108	1001.	39.	6.	760.7	31.9	1
734	10	420	37.0231	89.4606	-739.7	QAL	2.43	0.62	1.01	0.0	0.0	2.415	961.	46.	6.	759.7	31.8	1
735	0	428	37.0231	89.4599	-737.0	QAL	2.35	1.59	1.17	0.680	1.368	2.013	1145.	46.	7.	759.7	31.8	1
736	10	436	37.0231	89.4592	-736.7	QAL	4.14	-1.02	1.24	0.0	0.0	3.329	1075.	39.	10.	760.2	31.8	1
737	0	432	37.0231	89.4584	-739.7	QAL	2.71	2.18	1.18	0.805	1.841	2.288	1070.	49.	5.	759.7	31.7	1
738	10	436	37.0231	89.4577	-740.7	QAL	1.73	0.49	1.46	0.0	0.0	1.185	1090.	41.	12.	760.2	31.7	1
739	10	436	37.0231	89.4570	-739.5	QAL	3.62	1.04	1.34	0.0	0.0	2.707	1089.	40.	3.	760.7	31.6	1
740	10	432	37.0231	89.4562	-739.5	QAL	5.13	-0.06	1.21	0.0	0.0	4.255	1165.	35.	2.	761.2	31.5	1
741	10	432	37.0231	89.4555	-739.5	QAL	2.58	0.78	1.25	0.0	0.0	2.061	1170.	33.	4.	760.2	31.5	1
742	0	416	37.0231	89.4548	-737.5	QAL	3.14	1.41	1.30	0.451	1.085	2.408	1151.	32.	2.	760.2	31.5	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
743	0	388	37.0231	89.4541	-736.2	QAL	1.89	1.08	1.08	0.572	1.002	1.751	991.	36.	3.	761.2	31.5	1
744	0	412	37.0231	89.4534	-738.7	QAL	2.85	1.69	1.04	0.594	1.632	2.747	1092.	41.	1.	760.7	31.6	1
745	0	424	37.0231	89.4527	-739.2	QAL	4.07	1.55	1.20	0.381	1.293	3.394	1111.	32.	0.	760.2	31.6	1
746	0	424	37.0231	89.4519	-741.0	QAL	1.96	1.60	1.22	0.816	1.309	1.604	1117.	42.	3.	760.7	31.6	1
747	10	420	37.0231	85.4512	-743.7	QAL	4.89	0.88	1.55	0.0	0.0	3.152	1145.	36.	4.	760.2	31.6	1
748	0	428	37.0231	89.4506	-743.2	QAL	3.88	2.25	1.16	0.580	1.939	3.346	1244.	43.	5.	760.7	31.5	1
749	10	428	37.0231	89.4499	-738.7	QAL	6.45	1.29	1.37	0.0	0.0	4.710	1382.	41.	6.	761.2	31.5	1
750	10	424	37.0231	89.4492	-738.0	QAL	7.49	1.33	1.12	0.0	0.0	6.700	1552.	33.	6.	760.2	31.5	1
751	0	424	37.0231	89.4485	-743.5	QAL	7.34	2.41	0.91	0.328	2.639	8.037	1598.	51.	7.	760.7	31.6	1
752	0	424	37.0231	89.4478	-743.2	QAL	6.90	4.39	1.12	0.637	3.906	6.137	1666.	46.	8.	761.8	31.6	1
753	0	420	37.0231	89.4471	-738.5	QAL	7.38	1.56	1.29	0.211	1.207	5.715	1548.	35.	5.	760.7	31.6	1
754	0	416	37.0231	89.4464	-743.5	QAL	8.66	2.34	1.18	0.271	1.983	7.329	1671.	35.	7.	759.7	31.6	1
755	0	408	37.0231	89.4457	-749.2	QAL	8.03	2.55	1.35	0.318	1.896	5.958	1658.	38.	8.	761.2	31.5	1
756	0	404	37.0230	89.4451	-746.7	QAL	8.62	3.35	1.28	0.388	2.613	6.730	1669.	40.	4.	761.8	31.5	1
757	0	400	37.0230	89.4444	-744.0	QAL	8.66	3.06	1.49	0.353	2.053	5.816	1746.	41.	5.	760.7	31.5	1
758	10	396	37.0230	89.4437	-748.0	QAL	7.43	1.13	1.58	0.0	0.0	4.698	1742.	42.	9.	760.7	31.4	1
759	0	392	37.0230	89.4430	-748.5	QAL	8.03	3.59	1.51	0.447	2.371	5.306	1816.	41.	8.	761.2	31.4	1
760	0	388	37.0230	89.4423	-748.5	QAL	7.31	3.39	1.29	0.464	2.629	5.667	1771.	32.	9.	761.2	31.4	1
761	0	388	37.0230	89.4416	-749.5	QAL	7.03	2.26	1.65	0.322	1.368	4.252	1789.	34.	8.	761.8	31.4	1
762	0	384	37.0230	89.4409	-747.5	QAL	7.26	3.70	1.54	0.511	2.405	4.711	1824.	43.	10.	762.3	31.4	1
763	0	380	37.0230	89.4402	-748.5	QAL	8.53	3.16	1.48	0.370	2.125	5.744	1754.	44.	6.	761.8	31.4	1
764	0	380	37.0230	89.4395	-752.0	QAL	7.01	2.64	1.45	0.377	1.828	4.844	1796.	36.	8.	761.8	31.4	1
765	0	384	37.0230	89.4388	-748.7	QAL	8.61	2.17	1.37	0.252	1.590	6.301	1799.	33.	1.	762.3	31.5	1
766	0	384	37.0230	89.4382	-748.2	QAL	7.07	3.50	1.33	0.495	2.638	5.326	1773.	43.	2.	761.8	31.6	1
767	0	388	37.0230	89.4375	-750.0	QAL	8.01	2.48	1.40	0.309	1.767	5.711	1795.	28.	2.	761.2	31.6	1
768	0	388	37.0230	89.4368	-752.0	QAL	11.97	2.17	1.39	0.181	1.554	8.586	1832.	32.	0.	762.3	31.6	1
769	0	384	37.0230	89.4361	-757.2	QAL	9.39	2.44	1.48	0.259	1.644	6.340	1738.	56.	0.	761.8	31.6	1
770	0	384	37.0230	89.4354	-758.5	QAL	8.03	3.56	1.38	0.443	2.583	5.827	1787.	31.	0.	761.2	31.7	1
771	0	388	37.0229	89.4348	-756.7	QAL	9.76	1.68	1.46	0.172	1.156	6.703	1781.	40.	0.	761.2	31.7	1
772	0	388	37.0229	89.4340	-759.2	QAL	9.37	1.97	1.40	0.211	1.408	6.683	1703.	47.	0.	761.2	31.7	1
773	0	392	37.0229	89.4333	-760.5	QAL	10.78	2.62	1.33	0.243	1.970	8.114	1828.	41.	2.	762.3	31.6	1
774	0	392	37.0229	89.4327	-762.0	QAL	7.67	1.93	1.43	0.252	1.357	5.378	1666.	39.	1.	761.8	31.6	1
775	0	392	37.0229	89.4320	-760.5	QAL	9.07	2.38	1.33	0.263	1.788	6.811	1743.	42.	1.	759.7	31.6	1
776	0	396	37.0229	89.4312	-761.2	QAL	8.60	4.11	1.67	0.477	2.454	5.141	1804.	39.	0.	761.8	31.8	1
777	0	396	37.0229	89.4306	-766.7	QAL	9.55	3.26	1.37	0.341	2.382	6.979	1819.	33.	0.	761.8	31.8	1
778	0	400	37.0229	89.4299	-766.5	QAL	8.51	2.27	1.56	0.266	1.455	5.461	1728.	53.	1.	760.7	31.8	1
779	0	404	37.0229	89.4293	-766.0	QAL	8.11	3.00	1.32	0.370	2.267	6.131	1757.	42.	2.	762.3	31.7	1
780	0	404	37.0229	89.4286	-770.5	QAL	10.04	1.99	1.36	0.198	1.465	7.393	1791.	38.	3.	762.3	31.6	1
781	0	404	37.0228	89.4278	-771.7	QAL	10.16	2.17	1.32	0.214	1.644	7.680	1815.	33.	5.	760.2	31.5	1
782	0	400	37.0228	89.4272	-769.2	QAL	8.36	2.16	1.56	0.259	1.390	5.372	1851.	33.	8.	761.8	31.5	1
783	0	396	37.0228	89.4265	-769.5	QAL	8.82	2.03	1.43	0.230	1.422	6.183	1851.	27.	8.	762.8	31.4	1
784	0	392	37.0228	89.4258	-770.5	QAL	8.09	3.65	1.36	0.451	2.677	5.932	1822.	44.	7.	761.8	31.4	1
785	10	384	37.0228	89.4251	-772.7	QAL	6.68	1.27	1.65	0.0	0.0	4.044	1771.	38.	12.	762.8	31.3	1
786	0	380	37.0228	89.4244	-774.5	QAL	7.23	2.58	1.47	0.357	1.753	4.917	1839.	45.	7.	763.8	31.3	1
787	0	372	37.0228	89.4237	-776.7	QAL	6.75	2.90	1.34	0.429	2.155	5.020	1755.	45.	8.	761.8	31.3	1
788	0	360	37.0228	89.4230	-777.5	QAL	6.40	2.86	1.25	0.446	2.279	5.106	1684.	38.	7.	761.8	31.3	1
789	0	352	37.0228	89.4223	-780.2	QAL	7.58	1.83	1.32	0.242	1.392	5.764	1557.	31.	4.	763.3	31.3	1
790	0	348	37.0228	89.4217	-780.7	QAL	5.77	3.14	0.99	0.545	3.178	5.836	1417.	35.	0.	762.3	31.4	1
791	0	308	37.0228	89.4210	-780.0	QAL	6.36	3.94	0.92	0.619	4.270	6.896	1328.	54.	2.	762.8	31.4	1
792	0	292	37.0227	89.4203	-779.7	QAL	6.36	1.63	0.83	0.256	1.955	7.649	1358.	37.	3.	763.8	31.4	1
793	0	300	37.0227	89.4196	-779.5	QAL	6.06	1.22	1.14	0.201	1.072	5.325	1423.	49.	5.	761.8	31.3	1
794	0	296	37.0227	89.4189	-781.5	QAL	7.19	1.66	1.31	0.231	1.266	5.472	1461.	40.	3.	761.8	31.3	1
795	0	316	37.0227	89.4182	-782.7	QAL	7.67	1.93	1.23	0.252	1.576	6.253	1603.	39.	9.	763.8	31.3	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
796	10	364	37.0227	89.4175	-784.2	QAL	7.71	0.92	1.70	0.0	0.0	4.543	180i.	39.	7.	761.8	31.3	1
797	0	364	37.0227	89.4169	-785.0	QAL	7.12	2.96	1.70	0.415	1.741	4.193	1819.	37.	10.	761.8	31.3	1
798	0	364	37.0227	89.4162	-782.7	QAL	7.53	1.71	1.40	0.227	1.221	5.385	1875.	43.	9.	764.3	31.4	1
799	0	368	37.0227	89.4154	-786.2	QAL	9.12	2.28	1.81	0.250	1.261	5.036	1928.	42.	10.	761.8	31.5	1
800	0	372	37.0227	89.4148	-792.5	QAL	10.62	1.82	1.39	0.172	1.312	7.638	1806.	45.	8.	760.7	31.4	1
801	0	376	37.0227	89.4141	-792.2	QAL	6.45	3.38	1.29	0.524	2.628	5.012	1785.	41.	7.	762.8	31.4	1
802	0	380	37.0226	89.4134	-789.5	QAL	7.59	3.33	1.89	0.439	1.761	4.014	1823.	49.	2.	762.8	31.5	1
803	0	392	37.0227	89.4127	-786.7	QAL	8.62	3.42	1.86	0.397	1.836	4.626	1867.	46.	2.	760.7	31.6	1
804	0	400	37.0227	89.4120	-790.7	QAL	7.26	4.25	1.72	0.586	2.476	4.222	1952.	44.	3.	762.3	31.8	1
805	0	400	37.0227	89.4113	-796.0	QAL	6.78	3.25	1.31	0.479	2.483	5.186	1885.	40.	4.	763.3	31.8	1
806	0	404	37.0227	89.4106	-791.2	QAL	7.39	3.10	1.88	0.419	1.643	3.920	1909.	36.	4.	760.2	31.8	1
807	0	408	37.0226	89.4099	-793.0	QAL	6.79	2.03	1.59	0.299	1.272	4.259	1817.	38.	5.	759.7	31.8	1
808	0	408	37.0226	89.4093	-797.0	QAL	6.99	2.95	1.45	0.422	2.031	4.807	1781.	42.	5.	762.8	31.9	1
809	0	412	37.0226	89.4086	-796.2	QAL	5.68	3.94	1.74	0.694	2.258	3.256	1919.	28.	6.	762.8	31.9	1
810	0	412	37.0226	89.4079	-798.2	QAL	7.22	2.48	1.49	0.343	1.657	4.829	1821.	34.	6.	760.2	31.8	1
811	0	412	37.0226	89.4072	-801.2	QAL	7.39	3.30	1.36	0.447	2.421	5.417	1767.	27.	7.	761.2	31.6	1
812	0	400	37.0226	89.4065	-801.5	QAL	6.69	4.94	1.52	0.738	3.241	4.394	1750.	37.	5.	762.8	31.6	1
813	0	352	37.0226	89.4058	-800.7	QAL	6.24	2.61	1.49	0.418	1.749	4.183	1581.	22.	4.	761.8	31.5	1
814	0	388	37.0226	89.4051	-796.0	QAL	5.78	2.52	1.62	0.436	1.561	3.579	1729.	43.	3.	761.8	31.4	1
815	0	388	37.0226	89.4044	-795.0	QAL	6.72	2.13	1.81	0.317	1.177	3.717	1714.	38.	3.	762.8	31.3	1
816	0	384	37.0226	89.4038	-802.0	QAL	7.70	2.37	1.45	0.309	1.633	5.294	1703.	42.	2.	762.8	31.4	1
817	0	384	37.0225	89.4030	-804.7	QAL	8.92	2.51	1.48	0.282	1.692	6.011	1748.	45.	5.	760.7	31.4	1
818	0	380	37.0225	89.4024	-802.5	QAL	5.28	3.03	1.59	0.574	1.908	3.322	1741.	42.	8.	761.8	31.4	1
819	10	380	37.0225	89.4017	-806.0	QAL	7.55	1.40	1.76	0.0	0.0	4.288	1763.	50.	8.	763.8	31.4	1
820	10	372	37.0225	89.4010	-806.7	QAL	7.73	1.23	1.76	0.0	0.0	4.391	1813.	41.	11.	762.8	31.4	1
821	0	372	37.0225	89.4003	-803.2	QAL	8.37	2.24	1.83	0.268	1.227	4.574	1941.	34.	8.	761.8	31.4	1
822	0	376	37.0225	89.3996	-807.7	QAL	7.84	2.27	1.59	0.289	1.423	4.922	1897.	43.	11.	761.8	31.4	1
823	0	380	37.0225	89.3990	-810.0	QAL	8.11	1.85	1.93	0.228	0.957	4.191	1953.	47.	12.	762.8	31.5	1
824	0	384	37.0225	89.3982	-807.5	QAL	8.80	1.87	1.74	0.213	1.075	5.057	1920.	47.	11.	762.8	31.6	1
825	0	384	37.0225	89.3975	-808.7	QAL	7.85	1.62	1.69	0.206	0.955	4.633	1899.	39.	10.	761.8	31.6	1
826	0	384	37.0225	89.3969	-807.0	QAL	8.14	2.73	1.51	0.335	1.803	5.377	2007.	34.	6.	761.8	31.6	1
827	0	380	37.0224	89.3962	-809.5	QAL	8.17	3.74	1.48	0.458	2.526	5.522	1877.	39.	7.	762.8	31.6	1
828	0	380	37.0224	89.3955	-815.2	QAL	8.35	2.40	1.97	0.287	1.215	4.232	1996.	53.	5.	762.3	31.6	1
829	0	372	37.0224	89.3949	-812.5	QAL	8.27	3.30	1.70	0.399	1.940	4.862	1922.	49.	6.	761.2	31.5	1
830	0	368	37.0224	89.3941	-808.2	QAL	7.68	2.35	1.87	0.306	1.256	4.107	1943.	37.	3.	761.2	31.5	1
831	0	368	37.0224	89.3935	-811.7	QAL	8.45	3.08	2.08	0.365	1.485	4.069	2061.	43.	3.	762.3	31.6	1
832	0	372	37.0224	89.3928	-814.7	QAL	9.13	3.17	1.86	0.347	1.703	4.911	1980.	37.	4.	762.3	31.7	1
833	0	380	37.0224	89.3920	-815.5	QAL	8.55	2.84	1.74	0.332	1.630	4.908	1955.	41.	4.	762.3	31.7	1
834	0	380	37.0224	89.3914	-815.0	QAL	7.81	2.74	1.91	0.351	1.438	4.097	1939.	30.	3.	761.2	31.7	1
835	0	380	37.0224	89.3907	-812.5	QAL	6.76	2.39	1.71	0.353	1.399	3.959	1861.	52.	5.	761.8	31.6	1
836	0	380	37.0224	89.3900	-812.7	QAL	8.35	1.98	1.92	0.237	1.032	4.349	1961.	39.	8.	763.8	31.6	1
837	0	380	37.0224	89.3893	-814.7	QAL	6.18	3.19	1.82	0.516	1.757	3.402	1898.	48.	10.	762.8	31.6	1
838	0	376	37.0223	89.3886	-814.7	QAL	7.25	4.22	1.54	0.582	2.735	4.700	1860.	35.	10.	760.7	31.5	1
839	0	372	37.0223	89.3880	-809.0	QAL	5.44	2.61	1.54	0.480	1.692	3.527	1742.	31.	14.	760.7	31.5	1
840	0	372	37.0223	89.3872	-808.5	QAL	7.75	2.20	1.50	0.284	1.466	5.153	1816.	26.	15.	762.8	31.6	1
841	0	376	37.0223	89.3866	-817.2	QAL	7.05	2.79	1.49	0.395	1.872	4.735	1909.	40.	15.	763.8	31.6	1
842	0	376	37.0223	89.3859	-820.5	QAL	7.55	3.17	1.59	0.420	2.000	4.757	1955.	33.	13.	762.8	31.6	1
843	0	372	37.0223	89.3852	-819.5	QAL	8.99	2.01	2.06	0.223	0.977	4.373	1951.	45.	8.	760.7	31.6	1
844	0	368	37.0223	89.3845	-821.2	QAL	6.89	3.02	1.70	0.438	1.775	4.052	1888.	35.	9.	761.8	31.5	1
845	0	364	37.0223	89.3838	-820.2	QAL	9.34	2.78	1.56	0.298	1.787	5.997	1894.	41.	7.	763.8	31.5	1
846	0	360	37.0223	89.3831	-824.2	QAL	7.11	2.10	1.82	0.296	1.156	3.907	1928.	40.	5.	763.8	31.5	1
847	0	360	37.0223	89.3824	-825.7	QAL	8.80	4.64	1.67	0.527	2.782	5.278	1959.	30.	0.	762.8	31.5	1
848	0	364	37.0222	89.3817	-821.2	QAL	9.68	2.56	1.88	0.264	1.362	5.155	2040.	36.	0.	761.8	31.6	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
849	0	368	37.0222	89.3811	-822.5		QAL	8.23	2.47	1.70	0.300	1.452	4.833	1997.	33.	1.	761.8	31.6	1
850	0	368	37.0223	89.3804	-826.5		QAL	9.64	4.90	1.57	0.508	3.120	6.136	2016.	34.	0.	762.8	31.5	1
851	0	372	37.0223	89.3797	-826.2		QAL	7.19	4.57	1.85	0.636	2.477	3.894	2091.	35.	0.	763.8	31.6	1
852	0	368	37.0223	89.3790	-823.5		QAL	10.16	1.93	1.97	0.190	0.981	5.155	1964.	53.	1.	762.8	31.5	1
853	0	364	37.0222	89.3783	-822.2		QAL	7.82	3.47	1.78	0.444	1.948	4.391	1924.	48.	0.	761.8	31.5	1
854	0	360	37.0222	89.3776	-829.0		QAL	8.88	3.37	1.74	0.380	1.933	5.092	1928.	35.	1.	761.8	31.6	1
855	0	360	37.0222	89.3769	-831.2		QAL	8.19	3.26	1.86	0.398	1.754	4.401	1963.	49.	2.	763.8	31.5	1
856	0	360	37.0222	89.3762	-830.7		QAL	6.50	4.49	1.63	0.691	2.750	3.981	1914.	46.	4.	763.8	31.5	1
857	0	352	37.0222	89.3755	-829.2		QAL	5.70	2.57	1.99	0.450	1.287	2.861	1862.	47.	6.	763.8	31.5	1
858	0	352	37.0222	89.3748	-829.2		QAL	7.29	1.96	1.69	0.269	1.158	4.309	1913.	38.	6.	762.8	31.4	1
859	0	348	37.0222	89.3741	-830.5		QAL	6.99	2.21	1.53	0.316	1.441	4.566	1862.	35.	4.	761.8	31.4	1
860	0	348	37.0222	89.3735	-830.2		QAL	7.12	2.81	1.49	0.394	1.879	4.764	1888.	37.	5.	762.8	31.5	1
861	0	352	37.0222	89.3728	-829.7		QAL	7.49	3.92	1.68	0.524	2.331	4.450	1944.	28.	2.	764.3	31.5	1
862	0	356	37.0222	89.3721	-831.0		QAL	6.32	4.18	1.49	0.661	2.798	4.231	1753.	40.	0.	763.8	31.6	1
863	0	352	37.0221	89.3714	-834.2		QAL	7.16	4.98	1.31	0.695	3.788	5.452	1816.	37.	1.	762.8	31.6	1
864	10	348	37.0221	89.3707	-836.5		QAL	7.70	0.82	1.18	0.0	0.0	6.515	1472.	46.	0.	762.8	31.7	1
865	0	348	37.0221	89.3700	-834.2		QAL	7.19	2.60	1.14	0.362	2.277	6.289	1361.	29.	0.	762.8	31.6	1
866	0	356	37.0221	89.3693	-834.2		QAL	5.93	1.39	0.96	0.234	1.446	6.170	1254.	47.	1.	763.8	31.6	1
867	0	356	37.0221	89.3686	-837.2		QAL	6.15	1.66	1.28	0.270	1.303	4.819	1372.	44.	0.	764.3	31.6	1
868	0	352	37.0220	89.3680	-839.0		QAL	7.16	3.06	1.24	0.427	2.473	5.784	1557.	42.	1.	764.3	31.6	1
869	0	352	37.0221	89.3673	-838.0		QAL	6.72	3.76	1.45	0.559	2.591	4.632	1692.	47.	0.	763.8	31.6	1
870	0	352	37.0221	89.3666	-837.0		QAL	6.66	4.14	1.51	0.621	2.732	4.399	1747.	35.	0.	761.8	31.6	1
871	0	348	37.0221	89.3659	-836.7		QAL	8.20	1.54	1.67	0.188	0.922	4.905	1708.	36.	5.	761.8	31.6	1
872	0	348	37.0221	89.3652	-839.0		QAL	5.37	1.74	1.47	0.324	1.183	3.648	1617.	43.	8.	763.3	31.6	1
873	0	348	37.0220	89.3645	-841.7		QAL	6.07	2.98	1.56	0.491	1.917	3.904	1513.	45.	5.	763.3	31.5	1
874	0	348	37.0220	89.3638	-840.7		QAL	6.15	1.47	1.34	0.239	1.096	4.593	1493.	50.	7.	763.8	31.6	1
875	0	344	37.0220	89.3632	-837.0		QAL	5.91	1.68	1.44	0.285	1.167	4.101	1481.	45.	5.	763.8	31.6	1
876	0	340	37.0220	89.3625	-838.5		QAL	6.85	2.13	1.32	0.311	1.613	5.185	1508.	58.	7.	763.8	31.6	1
877	0	344	37.0220	89.3617	-842.7		QAL	8.17	3.45	1.38	0.422	2.489	5.899	1682.	33.	3.	764.3	31.6	1
878	10	344	37.0220	89.3611	-841.0		QAL	8.03	1.12	1.64	0.0	0.0	4.905	1704.	32.	6.	762.8	31.6	1
879	0	344	37.0220	89.3604	-837.7		QAL	8.05	2.34	1.54	0.290	1.515	5.214	1799.	35.	5.	761.8	31.6	1
880	0	344	37.0220	89.3597	-838.0		QAL	6.84	1.38	1.70	0.201	0.809	4.026	1705.	36.	9.	762.8	31.8	1
881	0	344	37.0220	89.3591	-841.2		QAL	8.14	2.94	1.60	0.361	1.840	5.100	1836.	44.	5.	764.3	31.7	1
882	0	348	37.0220	89.3583	-846.2		QAL	8.56	2.38	1.19	0.278	1.997	7.189	1755.	30.	6.	764.3	31.7	1
883	0	344	37.0220	89.3577	-847.2		QAL	8.36	1.93	1.40	0.231	1.384	5.988	1769.	38.	5.	763.8	31.6	1
884	0	344	37.0219	89.3570	-847.7		QAL	7.00	2.28	1.48	0.326	1.540	4.729	1680.	33.	3.	762.8	31.6	1
885	0	348	37.0219	89.3562	-848.0		QAL	8.43	2.88	1.45	0.342	1.992	5.822	1709.	33.	4.	761.8	31.7	1
886	0	348	37.0219	89.3556	-846.5		QAL	6.16	2.86	1.32	0.465	2.163	4.653	1561.	29.	2.	761.8	31.8	1
887	0	356	37.0219	89.3549	-845.7		QAL	5.56	2.64	1.18	0.475	2.234	4.706	1446.	41.	4.	761.8	31.8	1
888	0	364	37.0219	89.3542	-850.0		QAL	4.65	2.17	0.97	0.466	2.234	4.795	1249.	22.	4.	762.3	31.8	1
889	0	368	37.0219	89.3535	-852.5		QAL	3.83	1.48	0.71	0.386	2.076	5.380	937.	48.	6.	763.3	31.8	1
890	10	380	37.0219	89.3528	-849.2		QAL	3.65	0.79	0.65	0.0	0.0	5.655	814.	40.	8.	763.3	31.8	1
891	10	384	37.0219	89.3522	-848.2		QAL	3.93	-0.60	0.51	0.0	0.0	7.642	631.	42.	9.	763.3	31.7	1
892	10	384	37.0219	89.3515	-853.5		QAL	2.23	0.22	0.35	0.0	0.0	6.358	442.	34.	9.	762.3	31.7	1
893	10	388	37.0219	89.3507	-854.7		QAL	1.60	-0.89	0.24	0.0	0.0	6.741	313.	32.	13.	761.8	31.6	1
894	111	384	37.0218	89.3501	-854.7		QAL	-0.03	-0.44	-0.01	0.0	0.0	0.0	234.	31.	13.	761.8	31.6	1
895	111	384	37.0218	89.3494	-856.2		QAL	-0.07	-0.11	0.12	0.0	0.0	0.0	140.	39.	10.	761.8	31.5	1
896	111	380	37.0218	89.3487	-854.5	(WATER)		0.26	-0.25	0.02	0.0	0.0	0.0	155.	29.	9.	761.8	31.5	1
897	111	376	37.0219	89.3480	-853.7	(WATER)		-0.03	-0.36	0.09	0.0	0.0	0.0	106.	41.	8.	761.8	31.5	1
898	111	372	37.0219	89.3473	-856.0	(WATER)		-0.04	-0.19	-0.04	0.0	0.0	0.0	84.	52.	8.	761.8	31.5	1
899	111	364	37.0218	89.3467	-856.0	(WATER)		0.19	-0.25	0.06	0.0	0.0	0.0	96.	33.	6.	761.8	31.5	1
900	111	364	37.0218	89.3459	-856.7	(WATER)		0.62	0.41	-0.05	0.0	0.0	0.0	103.	30.	3.	761.8	31.5	1
901	111	360	37.0218	89.3453	-855.7	(WATER)		-0.06	0.28	0.02	0.0	0.0	0.0	100.	31.	5.	762.8	31.5	1

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
902	111	364	37.0218	89.3446	-856.0	(WATER)	-0.04	0.01	0.01	0.0	0.0	0.0	59.	38.	5.	763.3	31.5	1
903	111	364	37.0218	89.3439	-857.7	(WATER)	-0.04	-0.30	0.01	0.0	0.0	0.0	74.	36.	8.	763.3	31.4	1
904	111	368	37.0217	89.3432	-857.7	(WATER)	0.52	-0.19	-0.08	0.0	0.0	0.0	81.	35.	10.	763.8	31.5	1
905	111	372	37.0217	89.3425	-856.7	(WATER)	0.60	-0.09	-0.03	0.0	0.0	0.0	88.	32.	7.	763.8	31.5	1
906	110	372	37.0217	89.3418	-857.0	(WATER)	0.13	-0.98	0.16	0.0	0.0	0.0	63.	37.	12.	763.8	31.5	1
907	111	372	37.0217	89.3411	-859.7	(WATER)	-0.09	0.22	0.01	0.0	0.0	0.0	100.	31.	9.	764.3	31.5	1
908	110	368	37.0217	89.3404	-861.5	(WATER)	0.00	-0.68	0.11	0.0	0.0	0.0	100.	36.	11.	763.8	31.5	1
909	110	364	37.0217	89.3398	-861.7	(WATER)	0.54	-0.90	0.12	0.0	0.0	0.0	87.	38.	11.	763.8	31.5	1
910	111	364	37.0217	89.3391	-862.5	(WATER)	0.43	-0.64	0.10	0.0	0.0	0.0	114.	35.	8.	763.8	31.5	1
911	111	360	37.0217	89.3383	-860.2	(WATER)	0.65	-0.12	0.00	0.0	0.0	0.0	141.	29.	7.	763.8	31.4	1
912	111	356	37.0217	89.3377	-860.5	(WATER)	-0.05	-0.13	0.02	0.0	0.0	0.0	92.	33.	8.	764.3	31.5	1
913	110	356	37.0217	89.3370	-864.5	(WATER)	-0.05	-0.03	0.11	0.0	0.0	0.0	107.	36.	7.	764.3	31.5	1
914	111	356	37.0217	89.3363	-864.2	(WATER)	0.60	-0.43	0.08	0.0	0.0	0.0	167.	32.	8.	764.3	31.5	1
915	10	356	37.0217	89.3356	-863.2	(WATER)	1.66	-0.91	0.11	0.0	0.0	14.922	156.	33.	9.	764.3	31.5	1
916	10	352	37.0217	89.3349	-865.0	(WATER)	1.17	-0.43	0.17	0.0	0.0	6.720	204.	29.	9.	764.3	31.5	1
917	110	352	37.0217	89.3342	-865.7	(WATER)	0.79	-0.30	0.12	0.0	0.0	0.0	222.	43.	8.	764.3	31.4	1
918	110	348	37.0217	89.3335	-863.0	(WATER)	0.53	-0.16	0.33	0.0	0.0	0.0	323.	36.	7.	764.3	31.4	1
919	0	348	37.0217	89.3329	-864.5	(WATER)	1.73	1.06	0.45	0.615	2.362	3.841	529.	26.	2.	764.3	31.4	1
920	0	348	37.0216	89.3321	-870.0	(WATER)	1.72	1.84	0.53	1.074	3.502	3.261	726.	37.	2.	764.3	31.4	1
921	0	336	37.0216	89.3314	-868.2	QAL	3.76	1.22	0.95	0.323	1.282	3.967	983.	27.	3.	764.3	31.4	1
922	0	328	37.0216	89.3306	-867.0	QAL	4.47	2.34	1.10	0.523	2.123	4.058	1151.	35.	1.	764.9	31.4	1
923	0	328	37.0216	89.3298	-870.2	QAL	5.20	2.46	1.11	0.473	2.220	4.693	1245.	41.	1.	764.9	31.4	1
924	0	332	37.0216	89.3291	-872.0	QAL	5.27	1.80	1.21	0.342	1.488	4.348	1243.	41.	5.	764.3	31.4	1
925	0	332	37.0216	89.3284	-872.0	QAL	5.78	2.69	1.16	0.466	2.320	4.983	1262.	38.	5.	764.3	31.4	1
926	0	324	37.0216	89.3277	-871.5	QAL	5.72	1.73	1.07	0.302	1.613	5.336	1384.	39.	7.	764.3	31.4	1
927	0	328	37.0216	89.3268	-871.5	QAL	7.76	1.98	1.00	0.255	1.967	7.729	1455.	46.	6.	764.3	31.4	1
928	10	332	37.0216	89.3261	-873.0	QAL	7.87	0.20	1.58	0.0	0.0	4.983	1490.	42.	9.	765.4	31.4	1
929	10	332	37.0216	89.3253	-873.0	QAL	6.49	0.74	1.34	0.0	0.0	4.847	1551.	47.	8.	764.3	31.4	1
930	0	332	37.0216	89.3246	-871.2	QAL	6.55	1.76	1.35	0.269	1.303	4.843	1549.	29.	8.	764.3	31.4	1
931	0	336	37.0216	89.3238	-874.0	QAL	5.73	2.76	1.48	0.481	1.866	3.878	1509.	26.	6.	765.4	31.4	1
932	0	336	37.0216	89.3231	-876.7	QAL	4.90	2.89	0.83	0.591	3.481	5.890	1395.	39.	7.	764.3	31.4	1
933	0	336	37.0216	89.3223	-875.5	QAL	6.19	2.61	1.12	0.421	2.329	5.531	1501.	46.	3.	763.8	31.4	1
934	0	340	37.0216	89.3216	-873.5	QAL	5.72	1.21	1.52	0.211	0.791	3.750	1592.	47.	4.	763.8	31.4	1
935	0	340	37.0216	89.3208	-878.0	QAL	7.21	1.89	1.49	0.262	1.265	4.828	1642.	41.	4.	763.8	31.4	1
936	10	340	37.0216	89.3201	-879.5	QAL	6.84	1.18	1.64	0.0	0.0	4.159	1695.	34.	6.	763.8	31.4	1
937	0	340	37.0216	89.3193	-879.7	QAL	5.59	1.27	1.57	0.226	0.804	3.556	1570.	43.	9.	763.3	31.4	1
938	0	344	37.0216	89.3185	-882.5	QAL	6.96	1.64	1.70	0.236	0.966	4.091	1703.	44.	7.	762.8	31.4	1
939	0	348	37.0216	89.3178	-881.0	QAL	6.99	3.10	1.52	0.444	2.039	4.594	1713.	37.	7.	761.8	31.4	1
940	10	348	37.0216	89.3170	-878.5	QAL	6.72	0.96	1.89	0.0	0.0	3.547	1693.	45.	7.	761.8	31.6	1
941	0	352	37.0216	89.3163	-882.7	QAL	6.98	1.83	1.38	0.263	1.329	5.062	1675.	37.	7.	762.8	31.6	1
942	0	356	37.0216	89.3155	-885.2	QAL	6.03	3.33	1.64	0.552	2.034	3.686	1679.	37.	6.	762.8	31.6	1
943	0	360	37.0216	89.3148	-884.5	QAL	5.25	1.97	1.74	0.375	1.135	3.025	1681.	46.	9.	762.8	31.6	1
944	0	356	37.0216	89.3140	-884.7	QAL	7.36	1.87	1.58	0.254	1.179	4.646	1648.	28.	5.	762.8	31.6	1
945	0	356	37.0216	89.3133	-882.0	QAL	5.04	3.56	1.68	0.706	2.115	2.998	1680.	37.	6.	763.8	31.7	1
946	0	364	37.0216	89.3125	-883.5	QAL	5.69	2.39	1.45	0.421	1.646	3.909	1622.	36.	3.	764.3	31.8	1
947	0	376	37.0216	89.3118	-886.2	QAL	6.21	3.99	1.65	0.643	2.417	3.756	1751.	38.	1.	762.3	31.9	1
948	0	380	37.0216	89.3110	-887.0	QAL	7.34	1.76	1.57	0.240	1.122	4.677	1776.	29.	6.	760.7	32.0	1
949	0	388	37.0216	89.3103	-886.5	QAL	9.75	2.67	1.49	0.274	1.790	6.537	1703.	39.	4.	761.8	31.9	1
950	0	396	37.0216	89.3095	-886.0	QAL	6.75	3.83	1.46	0.567	2.629	4.633	1776.	43.	6.	761.8	31.9	1
951	0	400	37.0215	89.3088	-888.2	QAL	7.26	1.81	1.42	0.249	1.272	5.111	1697.	38.	8.	760.7	31.9	1
952	0	396	37.0215	89.3080	-891.0	QAL	7.63	2.06	1.61	0.270	1.277	4.733	1740.	46.	7.	761.2	31.9	1
953	0	400	37.0215	89.3073	-888.2	QAL	6.88	3.04	1.39	0.442	2.191	4.954	1739.	31.	5.	761.8	31.9	1
954	0	396	37.0216	89.3065	-886.5	QAL	7.47	1.94	1.56	0.260	1.250	4.799	1750.	42.	6.	762.8	31.9	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
955	0	396	37.0216	89.3057	-887.7	QAL	9.16	1.94	1.71	0.212	1.139	5.371	1771.	43.	5.	763.8	31.8	1
956	0	388	37.0216	89.3050	-888.7	QAL	6.74	2.41	1.63	0.358	1.484	4.143	1705.	48.	3.	763.3	31.8	1
957	0	384	37.0216	89.3042	-890.7	QAL	6.70	3.08	1.48	0.459	2.079	4.529	1786.	45.	2.	761.2	31.7	1
958	0	376	37.0216	89.3035	-892.2	QAL	7.44	4.63	1.32	0.622	3.517	5.651	1835.	38.	0.	760.7	31.7	1
959	0	372	37.0216	89.3027	-895.0	QAL	9.88	3.60	1.42	0.365	2.539	6.966	1912.	32.	0.	761.8	31.7	1
960	0	372	37.0216	89.3020	-895.7	QAL	5.91	2.92	1.44	0.494	2.024	4.096	1818.	35.	1.	762.8	31.7	1
961	0	372	37.0216	89.3012	-895.2	QAL	9.10	2.00	1.41	0.220	1.422	6.476	1788.	43.	0.	763.3	31.6	1
962	0	372	37.0216	89.3005	-892.2	QAL	7.77	4.63	1.53	0.596	3.030	5.081	1820.	43.	1.	763.3	31.6	1
963	0	368	37.0216	89.2997	-890.7	QAL	9.60	2.54	1.35	0.265	1.888	7.130	1862.	33.	3.	762.3	31.6	1
964	0	368	37.0216	89.2990	-893.5	QAL	8.30	3.71	1.52	0.447	2.440	5.458	1858.	40.	3.	761.8	31.6	1
965	0	364	37.0216	89.2982	-896.7	QAL	9.89	2.01	1.71	0.204	1.181	5.800	1891.	31.	1.	762.8	31.7	1
966	0	368	37.0216	89.2975	-896.0	QAL	8.72	1.83	1.70	0.210	1.075	5.128	1848.	41.	3.	762.8	31.8	1
967	0	364	37.0215	89.2967	-897.0	QAL	8.16	2.44	1.74	0.298	1.396	4.679	1871.	33.	2.	763.8	31.9	1
968	0	364	37.0215	89.2960	-898.2	QAL	9.88	3.21	1.44	0.325	2.228	6.845	1857.	40.	2.	763.8	31.9	1
969	0	360	37.0215	89.2952	-894.7	QAL	7.85	3.21	1.57	0.408	2.042	4.999	1802.	44.	3.	762.8	31.8	1
970	0	356	37.0215	89.2945	-895.7	QAL	8.19	2.37	1.84	0.289	1.285	4.447	1920.	41.	3.	761.8	31.8	1
971	0	352	37.0215	89.2937	-898.5	QAL	8.90	2.30	1.41	0.258	1.627	6.312	1910.	43.	3.	762.8	31.8	1
972	0	348	37.0215	89.2929	-895.2	QAL	6.43	3.20	1.70	0.498	1.880	3.776	1891.	48.	2.	763.8	31.8	1
973	0	348	37.0215	89.2922	-895.7	QAL	11.14	1.83	1.41	0.165	1.299	7.889	1922.	38.	5.	763.8	31.7	1
974	0	348	37.0215	89.2914	-899.2	QAL	8.32	3.62	1.30	0.435	2.795	6.419	1894.	41.	3.	762.8	31.7	1
975	0	348	37.0215	89.2907	-895.2	QAL	8.75	2.16	1.79	0.246	1.204	4.883	1836.	39.	3.	761.8	31.8	1
976	0	352	37.0215	89.2899	-894.7	QAL	9.33	1.93	1.33	0.207	1.456	7.027	1879.	30.	6.	762.8	31.8	1
977	0	356	37.0215	89.2892	-897.2	QAL	7.82	2.45	1.53	0.313	1.601	5.121	1804.	44.	9.	764.3	31.7	1
978	0	356	37.0215	89.2884	-897.2	QAL	8.27	2.37	1.53	0.287	1.546	5.386	1852.	34.	6.	763.3	31.7	1
979	0	360	37.0215	89.2877	-898.7	QAL	8.93	3.14	1.29	0.351	2.423	6.896	1924.	47.	7.	762.3	31.7	1
980	0	360	37.0215	89.2869	-899.5	QAL	7.77	3.14	1.30	0.404	2.419	5.990	1715.	39.	5.	763.3	31.7	1
981	0	360	37.0215	89.2862	-894.7	QAL	8.57	2.75	1.09	0.320	2.513	7.842	1591.	35.	4.	764.3	31.7	1
982	0	352	37.0215	89.2854	-894.2	QAL	7.08	2.95	1.23	0.417	2.402	5.759	1585.	43.	5.	762.3	31.6	1
983	0	368	37.0215	89.2847	-898.7	QAL	9.00	3.04	1.06	0.338	2.859	8.470	1543.	34.	1.	760.7	31.6	1
984	0	376	37.0215	89.2839	-899.2	QAL	5.59	2.63	0.99	0.471	2.673	5.673	1508.	37.	6.	761.8	31.6	1
985	0	384	37.0215	89.2832	-896.5	QAL	5.72	1.94	1.34	0.339	1.448	4.266	1426.	50.	4.	762.8	31.5	1
986	10	384	37.0215	89.2824	-894.7	QAL	6.74	0.15	1.32	0.0	0.0	5.117	1386.	38.	2.	762.3	31.5	1
987	0	388	37.0215	89.2817	-894.2	QAL	7.19	1.71	1.21	0.238	1.411	5.939	1427.	46.	3.	761.2	31.5	1
988	0	388	37.0215	89.2809	-895.5	QAL	7.99	2.06	1.09	0.258	1.897	7.351	1387.	35.	2.	761.2	31.6	1
989	0	388	37.0215	89.2801	-897.0	QAL	8.36	1.52	1.02	0.182	1.488	8.163	1413.	31.	0.	762.3	31.7	1
990	0	388	37.0215	89.2794	-897.5	QAL	6.24	2.60	1.20	0.416	2.160	5.192	1429.	52.	1.	763.3	31.8	1
991	0	380	37.0215	89.2786	-896.2	QAL	8.55	1.67	1.14	0.195	1.462	7.492	1458.	36.	2.	762.3	31.8	1
992	0	364	37.0215	89.2778	-894.0	QAL	5.47	4.05	1.05	0.740	3.839	5.190	1381.	48.	0.	760.7	31.8	1
993	0	368	37.0215	89.2771	-892.0	QAL	8.00	2.36	1.38	0.295	1.708	5.793	1406.	33.	0.	761.8	31.7	1
994	0	356	37.0215	89.2764	-896.2	QAL	7.54	2.09	1.31	0.277	1.593	5.759	1454.	39.	0.	763.8	31.6	1
995	0	352	37.0215	89.2756	-896.5	QAL	7.60	1.42	1.16	0.187	1.227	6.555	1470.	36.	0.	762.8	31.6	1
996	0	348	37.0215	89.2749	-891.5	QAL	6.27	2.01	1.24	0.321	1.621	5.055	1515.	47.	0.	761.8	31.6	1
997	0	356	37.0215	89.2741	-893.0	QAL	7.50	4.12	1.16	0.549	3.541	6.451	1684.	40.	0.	762.8	31.6	1
998	0	360	37.0215	89.2734	-892.2	QAL	7.51	2.98	1.21	0.396	2.450	6.180	1635.	49.	0.	763.8	31.6	1
999	0	360	37.0215	89.2726	-887.2	QAL	6.85	3.00	1.34	0.438	2.236	5.110	1714.	32.	0.	762.8	31.5	1
1000	0	364	37.0215	89.2719	-888.5	QAL	6.19	1.59	1.68	0.256	0.946	3.692	1726.	38.	5.	761.2	31.5	1
1001	0	364	37.0215	89.2711	-890.5	QAL	7.81	1.51	1.50	0.193	1.006	5.200	1700.	41.	7.	762.3	31.5	1
1002	10	364	37.0215	89.2704	-886.7	QAL	9.80	0.73	1.58	0.0	0.0	6.187	1731.	47.	12.	763.3	31.5	1
1003	0	356	37.0215	89.2695	-886.2	QAL	8.53	2.06	1.29	0.242	1.595	6.597	1726.	41.	12.	762.3	31.5	1
1004	10	360	37.0215	89.2688	-888.5	QAL	9.28	0.32	1.44	0.0	0.0	6.443	1663.	36.	13.	761.8	31.5	1
1005	0	364	37.0215	89.2681	-887.0	QAL	8.55	2.00	1.08	0.234	1.861	7.946	1585.	34.	12.	763.8	31.6	1
1006	10	360	37.0215	89.2674	-886.7	QAL	6.09	0.72	1.36	0.0	0.0	4.482	1438.	40.	15.	762.3	31.7	1
1007	10	372	37.0215	89.2665	-885.2	QAL	5.25	1.07	1.10	0.0	0.0	4.764	1183.	41.	12.	760.2	31.8	1

CP9 IP12

* TAGS			* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1008	10	376	37.0215	89.2658	-883.0	QAL	3.02	-0.32	0.66	0.0	0.0	4.551	755.	41.	10.	762.3	32.0	1
1009	10	388	37.0215	89.2651	-886.0	QAL	1.32	-0.09	0.33	0.0	0.0	4.049	429.	34.	8.	763.3	31.9	1
1010	11	392	37.0215	89.2643	-885.0	QAL	1.09	0.37	0.03	0.0	0.0	0.0	222.	35.	4.	760.7	31.9	1
1011	111	392	37.0215	89.2635	-880.7	(WATER)	-0.09	0.62	0.00	0.0	0.0	0.0	118.	41.	5.	761.8	31.8	1
1012	111	396	37.0215	89.2628	-885.5	(WATER)	-0.00	-0.00	0.03	0.0	0.0	0.0	47.	48.	0.	763.3	31.8	1
1013	111	392	37.0215	89.2621	-889.5	(WATER)	0.21	-0.15	0.00	0.0	0.0	0.0	85.	33.	4.	760.2	31.8	1
1014	111	388	37.0214	89.2612	-884.5	(WATER)	0.31	-0.29	-0.00	0.0	0.0	0.0	73.	36.	2.	761.2	31.8	1
1015	111	384	37.0214	89.2605	-881.0	(WATER)	0.03	-0.33	0.05	0.0	0.0	0.0	37.	40.	0.	763.3	31.7	1
1016	11	388	37.0214	89.2598	-879.7	(WATER)	1.31	-0.19	-0.03	0.0	0.0	0.0	115.	42.	1.	761.2	31.7	1
1017	101	392	37.0214	89.2590	-880.0	(WATER)	-0.13	1.25	0.05	0.0	0.0	0.0	181.	48.	4.	760.7	31.7	1
1018	0	400	37.0214	89.2582	-880.2	(WATER)	1.39	1.43	0.39	1.025	3.621	3.531	542.	34.	0.	762.8	31.7	1
1019	0	396	37.0215	89.2575	-878.2	(WATER)	2.23	1.66	0.66	0.743	2.525	3.397	856.	46.	1.	760.7	31.7	1
1020	0	364	37.0215	89.2568	-875.5	(WATER)	4.33	2.50	0.88	0.578	2.846	4.923	1101.	32.	0.	759.7	31.7	1
1021	0	388	37.0215	89.2560	-876.7	(WATER)	5.34	1.87	1.09	0.350	1.712	4.887	1239.	43.	2.	761.8	31.6	1
1022	0	436	37.0215	89.2552	-877.5	QAL	5.66	1.84	1.53	0.326	1.204	3.696	1474.	45.	2.	760.7	31.6	1
1023	0	452	37.0215	89.2545	-877.2	QAL	7.82	1.88	1.26	0.240	1.491	6.210	1453.	42.	7.	758.7	31.5	1
1024	10	464	37.0215	89.2538	-875.7	QAL	6.63	0.63	1.24	0.0	0.0	5.361	1509.	28.	13.	760.7	31.5	1
1025	0	476	37.0215	89.2529	-872.5	QAL	7.18	2.21	1.15	0.307	1.912	6.223	1611.	33.	8.	760.7	31.4	1
1026	10	484	37.0215	89.2522	-876.0	QAL	8.11	1.67	1.37	0.0	0.0	5.898	1599.	34.	9.	758.7	31.3	1
1027	10	492	37.0215	89.2515	-877.2	QAL	7.07	0.94	1.25	0.0	0.0	5.646	1620.	49.	13.	759.7	31.3	1
1028	0	500	37.0215	89.2508	-871.7	QAL	5.56	2.13	1.42	0.383	1.493	3.899	1662.	43.	11.	759.2	31.3	1
1029	10	504	37.0214	89.2499	-870.2	QAL	7.75	0.65	1.60	0.0	0.0	4.850	1613.	51.	10.	758.1	31.2	1
1030	10	512	37.0214	89.2492	-874.2	QAL	8.54	1.29	1.50	0.0	0.0	5.690	1633.	41.	11.	759.2	31.2	1
1031	10	516	37.0214	89.2485	-875.0	QAL	7.64	1.53	1.45	0.0	0.0	5.262	1690.	34.	7.	758.7	31.2	1
1032	0	524	37.0214	89.2477	-871.5	QAL	6.95	3.82	1.28	0.549	2.980	5.426	1628.	51.	7.	757.6	31.2	1
1033	0	524	37.0214	89.2469	-868.7	QAL	4.70	3.18	1.41	0.676	2.251	3.328	1706.	46.	7.	759.2	31.2	1
1034	0	524	37.0214	89.2462	-869.2	QAL	8.83	2.25	1.46	0.255	1.545	6.062	1713.	42.	9.	759.2	31.2	1
1035	10	524	37.0214	89.2455	-870.0	QAL	6.64	1.77	1.29	0.0	0.0	5.166	1565.	45.	11.	758.1	31.2	1
1036	0	520	37.0214	89.2447	-864.7	QAL	5.14	2.95	1.39	0.574	2.125	3.701	1707.	54.	10.	758.7	31.2	1
1037	0	512	37.0214	89.2439	-866.5	QAL	6.96	3.36	1.30	0.482	2.582	5.353	1686.	45.	10.	759.2	31.1	1
1038	0	508	37.0214	89.2432	-869.0	QAL	7.18	2.24	1.34	0.312	1.674	5.360	1627.	43.	8.	759.2	31.2	1
1039	0	500	37.0214	89.2425	-864.2	QAL	7.77	2.14	1.14	0.275	1.873	6.804	1689.	42.	12.	759.2	31.2	1
1040	0	496	37.0214	89.2417	-864.2	QAL	6.86	5.18	1.43	0.756	3.614	4.782	1752.	35.	9.	759.2	31.2	1
1041	10	492	37.0214	89.2409	-869.0	QAL	6.62	0.12	1.32	0.0	0.0	5.006	1664.	43.	11.	758.7	31.2	1
1042	0	488	37.0214	89.2402	-866.7	QAL	5.40	2.33	1.31	0.431	1.776	4.121	1624.	44.	11.	759.2	31.2	1
1043	10	484	37.0214	89.2394	-866.0	QAL	6.58	0.21	1.48	0.0	0.0	4.450	1649.	49.	14.	760.2	31.2	1
1044	0	480	37.0214	89.2386	-865.2	QAL	8.68	2.31	1.39	0.265	1.656	6.237	1668.	42.	10.	759.2	31.3	1
1045	10	476	37.0214	89.2379	-864.7	QAL	7.88	0.73	1.57	0.0	0.0	5.025	1655.	54.	8.	759.7	31.2	1
1046	10	468	37.0214	89.2372	-861.5	QAL	8.70	0.65	1.69	0.0	0.0	5.154	1676.	41.	12.	760.2	31.3	1
1047	0	464	37.0214	89.2364	-861.2	QAL	6.63	1.66	1.44	0.250	1.149	4.602	1721.	41.	11.	759.7	31.4	1
1048	0	460	37.0214	89.2356	-863.5	QAL	6.92	2.09	1.54	0.302	1.362	4.509	1725.	62.	9.	760.7	31.4	1
1049	10	460	37.0214	89.2349	-864.0	QAL	7.50	1.22	1.77	0.0	0.0	4.246	1805.	38.	10.	760.2	31.5	1
1050	10	460	37.0214	89.2341	-862.0	QAL	7.43	0.43	1.60	0.0	0.0	4.635	1696.	43.	14.	759.7	31.5	1
1051	0	456	37.0214	89.2334	-857.7	QAL	8.19	2.24	1.45	0.273	1.542	5.644	1830.	30.	7.	760.2	31.5	1
1052	0	460	37.0214	89.2326	-857.7	QAL	7.81	2.70	1.29	0.346	2.088	6.042	1837.	34.	5.	759.2	31.6	1
1053	0	460	37.0214	89.2319	-863.7	QAL	7.89	2.41	1.72	0.305	1.400	4.590	1820.	23.	4.	759.2	31.6	1
1054	10	472	37.0214	89.2312	-864.5	QAL	8.41	1.19	1.85	0.0	0.0	4.542	1904.	31.	5.	760.2	31.7	1
1055	0	484	37.0214	89.2304	-860.0	QAL	9.85	2.23	2.01	0.226	1.108	4.896	1857.	40.	2.	759.7	31.7	1
1056	0	496	37.0214	89.2296	-857.2	QAL	8.67	2.65	1.50	0.306	1.764	5.766	1754.	41.	3.	759.7	31.6	1
1057	10	508	37.0214	89.2289	-857.7	QAL	11.18	1.50	1.64	0.0	0.0	6.833	1729.	32.	5.	759.2	31.6	1
1058	0	516	37.0214	89.2281	-858.2	QAL	6.48	2.89	1.74	0.446	1.663	3.726	1821.	46.	5.	758.7	31.5	1
1059	0	520	37.0214	89.2273	-858.2	QAL	9.03	4.52	1.22	0.501	3.698	7.386	1742.	41.	3.	758.7	31.5	1
1060	0	528	37.0214	89.2266	-857.0	QAL	5.69	4.47	1.26	0.785	3.552	4.523	1708.	42.	8.	759.2	31.4	1

FLIGHT LINE 12 DAY 168 REDUCED DATA TEX-KENT 1979 PADUCAH

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1061	0	532	37.0213	89.2258	-856.7	QAL	9.60	2.01	1.52	0.210	1.324	6.316	1757.	46.	6.	759.2	31.4	1
1062	0	536	37.0213	89.2251	-859.7	QAL	9.65	3.24	1.32	0.336	2.464	7.327	1769.	37.	5.	759.2	31.4	1
1063	0	540	37.0213	89.2243	-861.0	QAL	6.06	4.96	1.40	0.818	3.533	4.317	1804.	37.	1.	759.2	31.3	1
1064	0	540	37.0213	89.2236	-862.7	QAL	8.92	3.46	1.30	0.388	2.668	6.873	1850.	40.	1.	758.1	31.3	1
1065	0	544	37.0213	89.2228	-858.2	QAL	9.42	2.17	1.64	0.230	1.323	5.750	1831.	32.	3.	758.1	31.2	1
1066	10	540	37.0213	89.2221	-854.5	QAL	11.15	-0.00	1.66	0.0	0.0	6.701	1775.	43.	0.	758.1	31.2	1
1067	0	540	37.0214	89.2213	-861.0	QAL	7.27	4.84	1.52	0.666	3.187	4.788	1763.	46.	1.	758.7	31.2	1
1068	0	540	37.0214	89.2206	-861.0	QAL	6.69	4.27	1.43	0.639	2.994	4.688	1751.	40.	3.	758.7	31.1	1
1069	0	536	37.0214	89.2198	-858.2	QAL	6.10	2.44	1.68	0.401	1.457	3.637	1769.	44.	6.	757.6	31.1	1
1070	0	536	37.0214	89.2191	-864.0	QAL	5.69	3.14	1.62	0.552	1.932	3.502	1649.	50.	3.	758.1	31.1	1
1071	0	532	37.0214	89.2183	-860.0	QAL	6.47	2.94	1.60	0.454	1.839	4.047	1735.	33.	6.	759.2	31.0	1
1072	0	532	37.0214	89.2176	-866.0	QAL	7.83	1.89	1.71	0.241	1.104	4.574	1712.	44.	2.	758.7	31.1	1
1073	10	532	37.0214	89.2168	-874.0	QAL	7.20	1.02	1.69	0.0	0.0	4.249	1592.	31.	5.	758.7	31.1	1
1074	0	528	37.0214	89.2161	-864.5	QAL	7.41	1.99	1.34	0.268	1.486	5.538	1556.	38.	6.	759.2	31.1	1
1075	10	528	37.0214	89.2153	-860.0	QAL	6.94	1.44	1.15	0.0	0.0	6.026	1426.	39.	5.	758.7	31.1	1
1076	0	528	37.0214	89.2146	-763.2	QAL	4.79	2.24	0.90	0.468	2.478	5.299	1089.	54.	3.	758.7	31.2	1
1077	10	508	37.0214	89.2138	-589.5	QAL	5.24	-0.01	0.67	0.0	0.0	7.803	876.	44.	3.	758.7	31.2	1
1078	0	476	37.0214	89.2129	-596.2	QAL	3.88	1.74	0.60	0.447	2.890	6.460	762.	31.	2.	758.1	31.2	1
1079	0	480	37.0214	89.2122	-760.2	(WATER)	2.36	1.47	0.43	0.622	3.399	5.465	557.	29.	3.	758.7	31.2	1
1080	101	544	37.0214	89.2113	-839.2	(WATER)	-0.14	1.94	0.09	0.0	0.0	0.0	349.	44.	2.	758.7	31.3	1
1081	100	544	37.0214	89.2106	-847.0	(WATER)	0.20	2.11	0.20	0.0	10.354	0.0	357.	38.	1.	758.7	31.3	1
1082	110	544	37.0214	89.2098	-860.2	(WATER)	0.60	0.19	0.18	0.0	0.0	0.0	231.	44.	0.	758.7	31.3	1
1083	111	544	37.0214	89.2090	-862.0	(WATER)	0.49	-0.31	0.12	0.0	0.0	0.0	133.	40.	0.	758.7	31.3	1
1084	10	536	37.0214	89.2082	-859.2	(WATER)	1.36	0.30	0.24	0.0	0.0	5.612	204.	32.	0.	758.7	31.3	1
1085	110	532	37.0214	89.2074	-856.2	(WATER)	1.14	-0.78	0.17	0.0	0.0	0.0	158.	29.	2.	759.2	31.3	1
1086	111	524	37.0214	89.2066	-852.7	(WATER)	0.43	0.67	-0.02	0.0	0.0	0.0	155.	32.	1.	758.1	31.2	1
1087	110	516	37.0214	89.2058	-857.0	(WATER)	-0.10	0.90	0.19	0.0	0.0	0.0	154.	40.	3.	757.6	31.3	1
1088	110	516	37.0214	89.2050	-854.0	(WATER)	0.93	-0.92	0.22	0.0	0.0	0.0	199.	28.	7.	758.7	31.3	1
1089	11	520	37.0214	89.2042	-849.7	(WATER)	1.98	-0.05	0.15	0.0	0.0	0.0	304.	39.	8.	759.2	31.3	1
1090	10	524	37.0214	89.2034	-851.7	(WATER)	1.75	-0.17	0.42	0.0	0.0	4.175	525.	34.	12.	758.7	31.4	1
1091	10	524	37.0214	89.2027	-848.0	(WATER)	3.09	-0.29	0.63	0.0	0.0	4.884	763.	36.	13.	758.7	31.3	1
1092	0	524	37.0214	89.2019	-848.7	(WATER)	2.68	2.67	0.83	0.997	3.221	3.232	1059.	39.	9.	758.1	31.3	1
1093	10	524	37.0214	89.2011	-852.7	QAL	9.17	0.66	1.18	0.0	0.0	7.795	1367.	35.	15.	758.1	31.3	1
1094	10	528	37.0214	89.2003	-853.0	QAL	6.79	1.13	1.45	0.0	0.0	4.670	1396.	41.	16.	758.7	31.3	1
1095	10	532	37.0214	89.1995	-846.2	QAL	6.74	0.38	1.40	0.0	0.0	4.798	1636.	41.	17.	758.1	31.3	1
1096	10	536	37.0214	89.1986	-844.7	QAL	7.15	-0.35	1.27	0.0	0.0	5.644	1530.	46.	19.	758.1	31.3	1
1097	0	540	37.0214	89.1979	-850.0	QAL	5.21	2.84	1.16	0.546	2.445	4.480	1686.	44.	16.	758.1	31.2	1
1098	10	548	37.0214	89.1971	-849.7	QAL	9.68	2.06	1.35	0.0	0.0	7.168	1635.	30.	13.	758.1	31.2	1
1099	10	552	37.0214	89.1963	-843.7	QAL	6.71	0.88	1.44	0.0	0.0	4.668	1572.	47.	15.	758.1	31.2	1
1100	0	556	37.0214	89.1955	-844.7	QAL	6.88	2.47	1.41	0.359	1.750	4.873	1635.	34.	9.	757.6	31.2	1
1101	0	552	37.0214	89.1947	-847.5	QAL	5.19	2.85	1.27	0.549	2.235	4.072	1417.	41.	9.	758.7	31.1	1
1102	0	536	37.0214	89.1939	-847.5	QAL	8.30	2.07	0.67	0.250	3.089	12.368	1267.	41.	6.	759.2	31.2	1
1103	10	528	37.0214	89.1931	-843.5	QAL	7.56	0.03	1.12	0.0	0.0	[illegible]	1199.	[illegible]	5.	758.1	31.2	1
1104	0	564	37.0214	89.1924	-840.0	QAL	5.93	3.51	0.86	0.593	4.061	6.855	1376.	45.	3.	757.6	31.2	1
1105	0	556	37.0214	89.1915	-838.5	QAL	8.55	2.55	0.89	0.298	2.854	9.588	1442.	47.	1.	757.6	31.2	1
1106	0	548	37.0214	89.1907	-832.7	QAL	8.52	2.04	1.17	0.239	1.749	7.309	1460.	41.	1.	757.6	31.2	1
1107	0	552	37.0214	89.1899	-828.0	QAL	5.19	4.78	1.30	0.921	3.671	3.984	1503.	34.	0.	757.6	31.2	1
1108	0	564	37.0214	89.1891	-826.7	QAL	5.14	5.41	0.83	1.053	6.533	6.207	1576.	30.	0.	757.6	31.1	1
1109	0	540	37.0214	89.1884	-816.2	QAL	4.27	3.12	0.97	0.731	3.226	4.412	1397.	31.	2.	758.1	31.1	1
1110	0	516	37.0214	89.1875	-813.0	QAL	4.95	3.62	0.63	0.731	5.781	7.909	1239.	50.	3.	757.6	31.1	1
1111	0	536	37.0214	89.1868	-817.5	QAL	4.13	4.48	0.77	1.085	5.811	5.356	1287.	39.	0.	757.6	31.0	1
1112	0	540	37.0214	89.1860	-815.7	QAL	5.55	3.75	0.27	0.676	13.643	20.196	1167.	42.	1.	758.1	31.0	1
1113	0	544	37.0214	89.1852	-819.0	QAL	5.12	4.98	0.49	0.974	10.197	10.470	1136.	49.	5.	757.6	31.0	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1114	0	536	37.0214	89.1844	-826.7		QAL	4.74	1.87	0.71	0.395	2.623	6.647	1163.	37.	6.	757.6	31.0	1
1115	0	528	37.0214	89.1835	-828.2		QAL	4.24	2.13	0.69	0.503	3.091	6.146	1147.	42.	6.	758.7	31.0	1
1116	0	520	37.0214	89.1827	-832.2		QAL	4.92	1.67	0.85	0.339	1.958	5.773	1180.	42.	8.	758.1	31.0	1
1117	10	488	37.0214	89.1820	-824.7		QAL	5.18	1.21	0.66	0.0	0.0	7.904	1132.	43.	6.	757.6	31.0	1
1118	0	484	37.0214	89.1812	-776.7		QAL	4.90	3.02	0.62	0.616	4.879	7.925	1167.	35.	7.	758.7	31.0	1
1119	0	492	37.0214	89.1804	-717.5		QAL	3.99	2.74	0.53	0.686	5.134	7.486	1158.	40.	4.	758.1	31.0	1
1120	10	520	37.0214	89.1796	-689.7	(WATER)		2.51	1.15	0.46	0.0	0.0	5.394	796.	49.	7.	757.6	31.0	1
1121	0	548	37.0215	89.1788	-695.7	(WATER)		2.32	1.85	0.23	0.798	8.020	10.047	665.	35.	4.	758.7	31.0	1
1122	10	544	37.0215	89.1780	-733.0	(WATER)		1.52	0.43	0.25	0.0	0.0	6.204	428.	45.	7.	758.1	31.0	1
1123	1	540	37.0215	89.1773	-778.7	(WATER)		1.55	1.37	0.02	0.885	0.0	0.0	271.	43.	1.	758.1	31.0	1
1124	111	536	37.0215	89.1764	-809.0	(WATER)		0.53	0.38	0.16	0.0	0.0	0.0	141.	35.	4.	758.7	31.0	1
1125	111	536	37.0215	89.1756	-824.5	(WATER)		0.72	-0.18	-0.03	0.0	0.0	0.0	90.	44.	5.	757.1	31.0	1
1126	111	532	37.0215	89.1748	-830.2	(WATER)		0.32	-0.02	0.01	0.0	0.0	0.0	105.	44.	4.	758.1	31.0	1
1127	111	528	37.0215	89.1740	-823.2	(WATER)		-0.10	0.67	-0.06	0.0	0.0	0.0	78.	37.	5.	759.7	31.0	1
1128	111	524	37.0215	89.1732	-819.7	(WATER)		-0.05	-0.50	-0.06	0.0	0.0	0.0	121.	34.	9.	758.7	31.0	1
1129	111	520	37.0215	89.1725	-817.7	(WATER)		0.16	-0.44	0.08	0.0	0.0	0.0	179.	32.	6.	758.7	31.0	1
1130	111	520	37.0215	89.1716	-806.7	(WATER)		1.20	-0.71	0.13	0.0	0.0	0.0	225.	31.	10.	758.7	31.0	1
1131	110	524	37.0215	89.1709	-805.2		QAL	0.94	-1.21	0.21	0.0	0.0	0.0	261.	34.	11.	758.1	31.0	1
1132	10	528	37.0215	89.1701	-816.5		QAL	1.50	-0.62	0.51	0.0	0.0	2.929	448.	46.	10.	759.7	31.0	1
1133	0	528	37.0215	89.1693	-818.0		QAL	4.72	1.92	0.69	0.407	2.797	6.878	853.	44.	8.	758.7	31.0	1
1134	10	520	37.0215	89.1684	-816.2		QAL	5.50	-0.50	1.01	0.0	0.0	5.472	1173.	51.	10.	757.6	31.0	1
1135	10	528	37.0215	89.1676	-821.7		QAL	3.96	1.45	1.40	0.0	0.0	2.837	1340.	43.	5.	758.7	31.0	1
1136	0	532	37.0215	89.1669	-821.2		QAL	5.07	4.32	0.86	0.853	5.023	5.889	1359.	41.	5.	758.7	31.0	1
1137	10	536	37.0215	89.1661	-819.7		QAL	4.56	1.12	0.89	0.0	0.0	5.116	1049.	43.	6.	759.2	31.0	1
1138	0	536	37.0215	89.1653	-822.7		QAL	4.37	2.30	0.99	0.526	2.308	4.390	1132.	40.	7.	759.2	31.0	1
1139	0	536	37.0215	89.1645	-822.0		QAL	4.26	4.25	0.87	0.997	4.898	4.911	1271.	32.	6.	758.1	31.0	1
1140	0	492	37.0215	89.1637	-817.2		QAL	5.90	1.87	0.95	0.317	1.973	6.222	1245.	42.	6.	759.2	31.1	1
1141	10	516	37.0215	89.1629	-817.5		QAL	7.25	1.65	1.14	0.0	0.0	6.382	1428.	44.	4.	758.7	31.0	1
1142	0	528	37.0215	89.1621	-821.0		QAL	6.96	1.93	1.54	0.278	1.259	4.532	1583.	31.	6.	757.6	31.1	1
1143	10	532	37.0215	89.1612	-810.2		QAL	9.49	0.99	1.39	0.0	0.0	6.848	1690.	39.	5.	759.2	31.1	1
1144	0	532	37.0215	89.1605	-791.7		QAL	9.77	3.65	1.22	0.373	2.994	8.023	1735.	45.	0.	759.2	31.1	1
1145	10	528	37.0215	89.1597	-785.7		QAL	7.04	1.32	1.41	0.0	0.0	4.979	1716.	36.	6.	758.1	31.0	1
1146	0	532	37.0215	89.1589	-800.5		QAL	6.03	4.43	1.22	0.736	3.621	4.921	1675.	58.	6.	759.2	31.0	1
1147	10	536	37.0215	89.1581	-810.7		QAL	7.90	1.32	1.19	0.0	0.0	6.623	1612.	52.	10.	758.7	31.0	1
1148	10	524	37.0215	89.1573	-812.0		QAL	9.10	0.14	1.15	0.0	0.0	7.905	1522.	31.	7.	757.6	31.0	1
1149	0	484	37.0215	89.1566	-810.5		QAL	7.30	2.58	0.79	0.353	3.253	9.202	1422.	35.	5.	758.7	31.0	1
1150	0	492	37.0215	89.1558	-808.7		QAL	6.13	2.66	0.87	0.434	3.054	7.035	1181.	53.	4.	758.1	31.0	1
1151	0	544	37.0215	89.1550	-804.7		QAL	6.05	2.75	0.62	0.454	4.463	9.824	1039.	40.	6.	757.1	31.0	1
1152	10	556	37.0215	89.1542	-805.0		QAL	4.77	1.15	0.70	0.0	0.0	6.801	984.	37.	2.	758.1	31.0	1
1153	0	556	37.0215	89.1533	-805.0		QAL	4.92	2.94	0.65	0.598	4.486	7.507	933.	33.	1.	758.1	31.0	1
1154	10	560	37.0215	89.1526	-802.5		QAL	6.36	0.77	0.77	0.0	0.0	8.290	1131.	36.	0.	757.1	31.0	1
1155	0	560	37.0215	89.1517	-803.5		QAL	6.70	2.80	0.82	0.418	3.404	8.135	1402.	33.	0.	758.7	31.0	1
1156	0	552	37.0215	89.1510	-805.7		QAL	7.40	3.15	1.12	0.426	2.824	6.634	1574.	41.	0.	758.7	31.0	1
1157	0	552	37.0215	89.1502	-806.7		QAL	8.76	3.32	1.36	0.379	2.447	6.451	1732.	45.	2.	756.6	31.0	1
1158	0	548	37.0215	89.1494	-805.5		QAL	9.51	2.31	1.74	0.243	1.327	5.454	1822.	35.	0.	757.6	31.0	1
1159	0	552	37.0215	89.1486	-803.2		QAL	9.27	3.86	1.60	0.416	2.412	5.792	1967.	43.	0.	758.7	31.0	1
1160	0	552	37.0215	89.1478	-802.2		QAL	9.50	3.22	1.70	0.339	1.887	5.573	1989.	29.	0.	757.6	31.0	1
1161	0	552	37.0215	89.1470	-800.7		QAL	8.78	4.28	1.48	0.487	2.901	5.950	1976.	40.	1.	756.6	31.0	1
1162	0	548	37.0215	89.1462	-800.5		QAL	7.79	3.22	1.81	0.413	1.781	4.312	1969.	42.	3.	758.7	31.0	1
1163	0	548	37.0215	89.1454	-799.5		QAL	9.52	4.29	1.39	0.451	3.093	6.859	1936.	32.	1.	758.7	31.0	1
1164	0	540	37.0215	89.1446	-798.5		QAL	9.37	2.22	1.35	0.237	1.650	6.967	1766.	49.	1.	757.6	31.0	1
1165	0	540	37.0216	89.1438	-800.0		QAL	8.27	2.70	1.30	0.326	2.081	6.383	1707.	40.	3.	757.6	31.0	1
1166	0	540	37.0216	89.1430	-802.5		QAL	6.07	3.06	0.99	0.504	3.086	6.122	1683.	45.	8.	758.7	31.0	1

CP 9 LP 12

* TAGS *			* LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1167	0	544	37.0216	89.1422	-801.7		QAL	5.84	2.01	1.09	0.345	1.855	5.374	1455.	45.	8.	758.7	31.0	1
1168	0	544	37.0216	89.1415	-801.0		QAL	6.83	3.02	0.49	0.443	6.226	14.070	1172.	38.	2.	757.6	31.1	1
1169	10	544	37.0216	89.1407	-800.5		QAL	5.25	1.30	0.41	0.0	0.0	12.814	968.	48.	2.	758.7	31.1	1
1170	10	544	37.0216	89.1399	-802.0		QAL	3.85	0.20	0.52	0.0	0.0	7.348	835.	39.	9.	758.7	31.1	1
1171	0	544	37.0216	89.1391	-801.7		QAL	2.54	1.99	0.51	0.782	3.889	4.973	676.	52.	2.	757.6	31.1	1
1172	10	544	37.0216	89.1382	-800.7		QAL	1.99	0.17	0.45	0.0	0.0	4.417	655.	40.	12.	758.7	31.2	1
1173	10	544	37.0216	89.1374	-801.0		QAL	3.05	0.56	0.34	0.0	0.0	8.904	750.	47.	11.	759.7	31.1	1
1174	10	544	37.0216	89.1367	-803.2		QAL	3.65	-0.00	0.49	0.0	0.0	7.512	737.	35.	7.	758.7	31.2	1
1175	11	544	37.0216	89.1358	-803.0		QAL	2.27	0.89	0.11	0.0	0.0	0.0	553.	42.	8.	756.6	31.2	1
1176	111	544	37.0216	89.1351	-798.5		QAL	0.65	0.77	0.11	0.0	0.0	0.0	345.	48.	11.	757.6	31.1	1
1177	111	544	37.0216	89.1343	-798.7		QAL	0.13	-0.75	0.13	0.0	0.0	0.0	286.	46.	8.	759.7	31.2	1
1178	11	544	37.0216	89.1335	-799.7		QAL	1.83	0.35	0.04	0.0	0.0	0.0	332.	47.	7.	758.7	31.2	1
1179	110	544	37.0216	89.1327	-800.5		QAL	1.07	-0.27	0.40	0.0	0.0	0.0	554.	44.	6.	757.6	31.2	1
1180	10	540	37.0216	89.1319	-803.5		QAL	5.63	1.69	0.78	0.0	0.0	7.205	984.	43.	6.	758.7	31.2	1
1181	0	488	37.0216	89.1311	-803.5		QAL	6.43	2.76	0.90	0.429	3.082	7.178	1281.	29.	3.	758.7	31.2	1
1182	10	464	37.0216	89.1303	-802.7		QAL	6.03	1.14	0.97	0.0	0.0	6.243	1277.	38.	8.	756.6	31.2	1
1183	0	480	37.0216	89.1295	-807.2		QAL	5.21	2.02	1.00	0.387	2.008	5.190	1345.	37.	6.	757.5	31.3	1
1184	10	488	37.0216	89.1287	-807.2		QAL	7.83	1.08	1.08	0.0	0.0	7.260	1415.	38.	6.	758.7	31.3	1
1185	10	512	37.0216	89.1279	-801.5		QAL	5.78	0.36	1.10	0.0	0.0	5.259	1254.	43.	8.	758.7	31.3	1
1186	10	564	37.0216	89.1272	-805.2		QAL	3.88	0.85	0.72	0.0	0.0	5.416	1178.	42.	9.	757.6	31.3	1
1187	10	564	37.0216	89.1263	-809.5		QAL	2.52	0.77	0.39	0.0	0.0	6.497	844.	31.	5.	756.6	31.3	1
1188	10	572	37.0216	89.1256	-807.2		QAL	1.59	0.18	0.47	0.0	0.0	3.370	544.	52.	8.	758.7	31.4	1
1189	110	576	37.0216	89.1247	-806.0		QAL	0.86	0.00	0.61	0.0	0.0	0.0	588.	47.	6.	758.7	31.4	1
1190	10	580	37.0216	89.1240	-806.7		QAL	4.49	1.15	0.55	0.0	0.0	8.179	871.	39.	2.	756.6	31.3	1
1191	0	584	37.0216	89.1231	-808.7		QAL	4.92	2.49	0.95	0.507	2.633	5.196	1233.	49.	5.	757.6	31.3	1
1192	0	576	37.0216	89.1224	-807.7		QAL	7.56	3.42	1.24	0.453	2.753	6.081	1489.	56.	3.	758.7	31.3	1
1193	0	568	37.0216	89.1215	-807.7		QAL	9.26	2.65	1.43	0.286	1.844	6.451	1696.	34.	1.	757.6	31.3	1
1194	0	564	37.0216	89.1208	-813.0		QAL	6.23	3.51	1.52	0.562	2.310	4.107	1732.	55.	1.	756.6	31.3	1
1195	0	552	37.0216	89.1200	-811.5		QAL	6.79	2.52	1.30	0.371	1.941	5.228	1671.	46.	1.	757.6	31.4	1
1196	0	560	37.0217	89.1192	-811.0		QAL	6.12	2.63	1.43	0.430	1.844	4.288	1641.	47.	3.	758.7	31.4	1
1197	10	560	37.0217	89.1184	-813.2		QAL	6.97	1.32	1.34	0.0	0.0	5.207	1468.	46.	3.	757.6	31.4	1
1198	0	556	37.0217	89.1176	-811.0		QAL	5.72	2.19	1.02	0.383	2.157	5.635	1354.	38.	4.	756.6	31.4	1
1199	10	552	37.0217	89.1168	-809.0		QAL	5.97	0.92	0.82	0.0	0.0	7.254	1109.	45.	2.	757.6	31.3	1
1200	0	544	37.0217	89.1160	-812.2		QAL	2.30	3.12	0.85	1.357	3.662	2.698	1078.	31.	4.	758.7	31.3	1
1201	10	540	37.0217	89.1152	-814.5		QAL	5.18	0.63	0.69	0.0	0.0	7.507	1131.	42.	8.	758.7	31.4	1
1202	0	528	37.0217	89.1144	-811.7		QAL	3.08	1.81	0.93	0.587	1.941	3.305	1296.	40.	9.	757.6	31.5	1
1203	10	520	37.0217	89.1136	-811.5		QAL	7.59	1.76	1.23	0.0	0.0	6.149	1518.	34.	8.	758.7	31.5	1
1204	0	512	37.0217	89.1129	-811.7		QAL	7.05	2.71	1.28	0.385	2.121	5.517	1775.	41.	13.	759.7	31.5	1
1205	0	504	37.0217	89.1120	-811.2		QAL	7.09	4.25	1.68	0.599	2.532	4.225	1876.	35.	4.	757.6	31.6	1
1206	0	496	37.0217	89.1113	-812.5		QAL	8.35	2.65	1.67	0.317	1.584	4.994	1874.	30.	5.	757.1	31.6	1
1207	0	488	37.0217	89.1104	-815.7		QAL	8.42	2.80	1.23	0.333	2.275	6.836	1619.	30.	1.	758.7	31.6	1
1208	0	488	37.0217	89.1097	-818.7		QAL	6.39	3.16	1.16	0.494	2.728	5.516	1432.	36.	3.	759.7	31.7	1
1209	0	484	37.0217	89.1089	-816.2		QAL	4.40	1.90	0.61	0.432	3.122	7.229	937.	51.	3.	758.7	31.7	1
1210	10	484	37.0217	89.1081	-817.0		QAL	4.48	1.36	0.25	0.0	0.0	18.100	686.	29.	5.	758.7	31.7	1
1211	0	484	37.0217	89.1074	-819.5		QAL	4.38	1.60	0.34	0.366	4.649	12.715	731.	33.	4.	758.7	31.7	1
1212	0	468	37.0217	89.1067	-822.5		QAL	4.39	2.73	0.57	0.623	4.804	7.706	1034.	23.	8.	759.2	31.7	1
1213	0	436	37.0217	89.1060	-820.7		QAL	5.40	2.01	1.02	0.372	1.975	5.315	1192.	38.	5.	759.2	31.7	1
1214	0	420	37.0217	89.1052	-819.7		QAL	6.56	1.45	1.01	0.222	1.437	6.486	1238.	40.	4.	758.1	31.7	1
1215	0	404	37.0217	89.1045	-820.5		QAL	5.28	2.10	0.68	0.398	3.072	7.721	1136.	44.	3.	759.2	31.6	1
1216	0	400	37.0217	89.1038	-825.0		QAL	5.44	1.82	0.84	0.334	2.158	6.461	1214.	44.	3.	760.7	31.6	1
1217	0	396	37.0218	89.1031	-823.5		QAL	5.48	1.64	0.87	0.299	1.874	6.275	1155.	39.	4.	759.7	31.6	1
1218	0	436	37.0218	89.1024	-821.5		QAL	6.12	2.21	0.67	0.362	3.324	9.184	1138.	46.	4.	758.7	31.6	1
1219	0	464	37.0218	89.1017	-824.2		QAL	3.20	2.54	1.01	0.796	2.521	3.169	1084.	48.	5.	759.7	31.5	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1220	10	452	37.0218	89.1009	-826.5		QAL	5.26	1.36	0.95	0.0	0.0	5.526	1141.	49.	3.	760.7	31.5	1
1221	10	452	37.0218	89.1002	-825.5		QAL	4.81	1.05	1.07	0.0	0.0	4.500	1231.	39.	8.	758.7	31.5	1
1222	0	452	37.0218	89.0995	-827.2		QAL	5.35	2.03	0.93	0.379	2.183	5.755	1404.	33.	7.	758.7	31.5	1
1223	10	452	37.0218	89.0988	-829.0		QAL	7.24	0.77	1.12	0.0	0.0	6.477	1377.	51.	9.	760.7	31.4	1
1224	10	444	37.0219	89.0981	-828.7		QAL	9.06	0.06	1.21	0.0	0.0	7.460	1389.	42.	11.	761.2	31.5	1
1225	0	448	37.0219	89.0974	-830.7		QAL	5.81	1.82	0.80	0.314	2.268	7.227	1152.	31.	10.	759.2	31.5	1
1226	10	452	37.0219	89.0967	-832.2		QAL	3.44	0.82	0.48	0.0	0.0	7.155	892.	28.	17.	758.1	31.5	1
1227	110	456	37.0219	89.0960	-834.0		QAL	1.03	-0.18	0.48	0.0	0.0	0.0	566.	31.	13.	760.2	31.6	1
1228	110	464	37.0219	89.0951	-831.2		QAL	1.07	-0.51	0.18	0.0	0.0	0.0	387.	37.	13.	760.2	31.6	1
1229	111	468	37.0219	89.0944	-828.7		QAL	1.01	-0.34	0.15	0.0	0.0	0.0	434.	44.	18.	758.7	31.5	1
1230	10	472	37.0219	89.0937	-825.7		QAL	3.62	-0.34	0.48	0.0	0.0	7.559	650.	37.	12.	758.7	31.5	1
1231	10	476	37.0219	89.0930	-826.5		QAL	2.81	0.83	0.74	0.0	0.0	3.790	973.	41.	14.	759.7	31.5	1
1232	0	472	37.0219	89.0923	-834.2		QAL	4.95	2.72	0.55	0.549	4.952	9.020	1206.	34.	9.	760.7	31.5	1
1233	10	476	37.0219	89.0916	-834.7		QAL	6.28	1.43	0.90	0.0	0.0	7.013	1280.	39.	6.	759.7	31.5	1
1234	10	476	37.0219	89.0909	-829.0		QAL	3.72	1.39	0.95	0.0	0.0	3.914	1268.	37.	11.	758.7	31.5	1
1235	0	452	37.0219	89.0901	-830.0		QAL	4.33	1.44	0.94	0.333	1.530	4.598	1257.	32.	6.	759.7	31.4	1
1236	10	468	37.0219	89.0894	-831.0		QAL	6.77	1.28	0.93	0.0	0.0	7.289	1435.	37.	5.	760.7	31.4	1
1237	0	472	37.0219	89.0887	-830.5		QAL	7.25	2.97	0.99	0.410	3.014	7.353	1372.	54.	5.	759.7	31.4	1
1238	10	468	37.0219	89.0880	-833.2		QAL	8.37	1.44	1.02	0.0	0.0	8.238	1411.	37.	6.	758.7	31.3	1
1239	0	468	37.0220	89.0873	-834.0		QAL	4.14	2.36	1.22	0.571	1.944	3.405	1437.	36.	9.	759.7	31.3	1
1240	0	464	37.0220	89.0865	-832.2		QAL	6.00	3.20	0.97	0.533	3.299	6.188	1458.	50.	5.	760.7	31.4	1
1241	0	464	37.0220	89.0858	-838.0		QAL	6.50	2.30	1.36	0.353	1.687	4.773	1619.	37.	7.	759.7	31.3	1
1242	10	464	37.0220	89.0851	-841.0		QAL	8.62	0.42	1.23	0.0	0.0	6.983	1586.	47.	8.	758.7	31.4	1
1243	10	464	37.0220	89.0844	-840.5		QAL	6.45	1.28	1.46	0.0	0.0	4.421	1537.	42.	8.	758.7	31.4	1
1244	0	464	37.0220	89.0837	-836.2		QL	5.92	3.14	1.39	0.530	2.263	4.270	1517.	32.	5.	760.7	31.5	1
1245	0	460	37.0220	89.0830	-836.0		QL	7.17	2.00	1.01	0.279	1.971	7.066	1561.	41.	9.	760.7	31.5	1
1246	10	416	37.0220	89.0822	-842.2		QL	7.66	0.13	1.28	0.0	0.0	5.999	1501.	47.	9.	758.7	31.4	1
1247	10	404	37.0220	89.0815	-840.5		QL	7.64	0.84	1.38	0.0	0.0	5.523	1525.	52.	9.	759.7	31.4	1
1248	10	424	37.0220	89.0808	-832.7		QL	8.69	1.24	1.27	0.0	0.0	6.866	1569.	51.	8.	761.8	31.5	1
1249	0	420	37.0220	89.0800	-837.5		QL	7.92	2.55	1.16	0.322	2.198	6.832	1614.	39.	6.	761.2	31.4	1
1250	0	420	37.0220	89.0794	-841.2		QL	9.65	3.26	0.91	0.337	3.585	10.624	1619.	28.	6.	759.2	31.4	1
1251	0	412	37.0220	89.0786	-835.7		QL	8.48	1.76	1.31	0.208	1.346	6.476	1651.	44.	6.	759.2	31.4	1
1252	0	480	37.0220	89.0779	-833.5		QL	7.21	2.31	1.49	0.320	1.549	4.845	1845.	29.	7.	760.7	31.4	1
1253	0	396	37.0221	89.0772	-840.5		QL	9.20	1.43	1.38	0.156	1.035	6.648	1653.	41.	3.	760.7	31.3	1
1254	0	392	37.0221	89.0765	-843.5		QL	6.19	3.05	1.24	0.492	2.454	4.984	1623.	40.	7.	759.2	31.3	1
1255	0	392	37.0221	89.0757	-841.7		QL	7.06	2.71	1.21	0.384	2.240	5.837	1636.	48.	4.	760.2	31.3	1
1256	0	392	37.0221	89.0750	-839.7		QL	5.64	2.40	1.22	0.425	1.961	4.617	1641.	42.	6.	762.3	31.3	1
1257	10	396	37.0221	89.0743	-839.2		QL	9.24	1.40	1.46	0.0	0.0	6.326	1678.	33.	3.	761.8	31.3	1
1258	0	408	37.0221	89.0736	-842.0		QL	8.69	1.75	1.52	0.202	1.151	5.709	1672.	38.	6.	759.7	31.3	1
1259	0	396	37.0221	89.0729	-842.7		QL	7.65	2.38	1.18	0.311	2.019	6.495	1620.	49.	7.	758.7	31.3	1
1260	0	388	37.0221	89.0722	-840.7		QL	7.40	2.68	1.02	0.362	2.619	7.239	1678.	47.	10.	759.7	31.4	1
1261	0	396	37.0222	89.0715	-841.7		QL	8.90	1.91	1.36	0.214	1.400	6.533	1708.	34.	8.	761.8	31.3	1
1262	0	388	37.0222	89.0707	-846.5		QL	8.76	2.85	1.34	0.326	2.134	6.556	1768.	36.	8.	759.7	31.3	1
1263	0	388	37.0222	89.0700	-848.7		QL	9.14	2.79	1.32	0.305	2.107	6.906	1786.	38.	7.	758.7	31.3	1
1264	0	388	37.0222	89.0692	-847.7		QL	7.82	2.27	1.38	0.290	1.644	5.677	1789.	29.	7.	759.7	31.3	1
1265	0	384	37.0222	89.0685	-850.0		QL	6.80	2.80	1.45	0.411	1.936	4.705	1755.	36.	5.	760.7	31.3	1
1266	0	392	37.0222	89.0678	-847.5		QL	7.02	3.63	1.33	0.518	2.725	5.261	1772.	40.	4.	760.7	31.4	1
1267	0	404	37.0222	89.0671	-842.7		QAL	6.68	3.34	1.51	0.500	2.219	4.440	1780.	31.	2.	758.7	31.4	1
1268	0	420	37.0222	89.0664	-846.0		QAL	8.07	4.09	1.32	0.507	3.101	6.120	1774.	42.	0.	758.7	31.4	1
1269	0	404	37.0222	89.0656	-850.7		QL	7.24	2.64	1.33	0.365	1.994	5.464	1639.	52.	6.	760.7	31.4	1
1270	0	404	37.0222	89.0649	-847.5		QL	6.41	5.13	0.88	0.801	5.850	7.303	1658.	29.	2.	760.7	31.4	1
1271	0	408	37.0222	89.0642	-846.2		QL	6.38	3.64	1.16	0.571	3.154	5.523	1638.	46.	3.	758.7	31.5	1
1272	0	388	37.0222	89.0635	-848.7		QL	6.57	2.83	1.14	0.431	2.483	5.762	1548.	40.	4.	758.7	31.5	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1273	0	380	37.0222	89.0628	-848.0	QL	6.52	1.53	1.18	0.235	1.294	5.515	1520.	46.	4.	759.7	31.4	1
1274	10	412	37.0222	89.0621	-849.7	QL	9.20	1.00	1.23	0.0	0.0	7.507	1568.	41.	3.	760.7	31.4	1
1275	0	396	37.0223	89.0614	-853.0	QL	5.53	2.30	1.25	0.415	1.835	4.417	1485.	51.	0.	759.7	31.4	1
1276	0	396	37.0223	89.0607	-850.7	QL	7.79	2.91	1.30	0.374	2.240	5.994	1645.	43.	0.	758.7	31.4	1
1277	0	376	37.0223	89.0599	-850.0	QL	7.94	3.74	1.08	0.471	3.452	7.330	1638.	45.	0.	758.7	31.4	1
1278	0	388	37.0223	89.0592	-851.2	QL	8.39	2.55	1.28	0.304	1.989	6.532	1722.	31.	0.	760.7	31.4	1
1279	0	392	37.0223	89.0585	-853.2	QL	7.05	2.96	1.25	0.420	2.366	5.631	1607.	43.	0.	760.7	31.4	1
1280	0	388	37.0223	89.0578	-853.2	QL	7.26	2.41	1.37	0.332	1.754	5.289	1626.	38.	0.	760.7	31.4	1
1281	0	384	37.0223	89.0571	-856.7	QL	7.85	3.97	1.13	0.505	3.515	6.958	1656.	35.	0.	760.2	31.4	1
1282	0	384	37.0223	89.0564	-853.7	QL	9.18	3.02	1.05	0.329	2.878	8.744	1632.	39.	3.	758.1	31.4	1
1283	0	376	37.0223	89.0556	-849.0	QL	8.62	2.49	1.06	0.289	2.361	8.165	1697.	43.	4.	759.2	31.4	1
1284	0	364	37.0223	89.0549	-850.0	QL	9.43	2.14	1.31	0.227	1.639	7.206	1711.	44.	5.	761.8	31.2	1
1285	0	360	37.0223	89.0542	-853.5	QL	8.66	2.84	1.11	0.328	2.558	7.799	1655.	44.	0.	761.8	31.3	1
1286	0	368	37.0223	89.0534	-854.0	QL	8.32	2.28	1.34	0.274	1.697	6.186	1804.	35.	2.	761.2	31.3	1
1287	0	364	37.0223	89.0527	-852.2	QL	6.66	1.85	1.31	0.277	1.406	5.076	1691.	43.	2.	760.2	31.3	1
1288	0	364	37.0223	89.0520	-848.7	QL	7.90	4.06	1.25	0.515	3.251	6.316	1741.	32.	0.	759.2	31.3	1
1289	0	372	37.0223	89.0513	-849.7	QL	9.47	2.67	1.49	0.282	1.793	6.358	1757.	40.	0.	760.2	31.3	1
1290	0	376	37.0224	89.0506	-855.0	QL	8.32	3.31	1.25	0.397	2.643	6.654	1765.	37.	0.	761.8	31.3	1
1291	0	356	37.0224	89.0499	-853.0	QL	8.33	2.53	1.29	0.304	1.963	6.467	1623.	53.	0.	761.8	31.3	1
1292	0	376	37.0224	89.0491	-850.7	QL	7.97	2.22	1.06	0.278	2.098	7.538	1696.	36.	5.	761.8	31.3	1
1293	0	376	37.0224	89.0484	-853.0	QAL	8.92	2.69	1.14	0.302	2.351	7.796	1659.	42.	3.	760.7	31.3	1
1294	0	396	37.0224	89.0477	-857.0	QAL	7.35	3.34	1.17	0.454	2.853	6.277	1584.	26.	3.	759.7	31.3	1
1295	0	396	37.0224	89.0470	-856.7	QAL	7.72	2.51	0.97	0.325	2.590	7.977	1530.	39.	3.	759.7	31.3	1
1296	0	396	37.0224	89.0463	-853.2	QAL	3.84	3.45	1.16	0.899	2.967	3.298	1464.	37.	6.	760.2	31.3	1
1297	0	396	37.0225	89.0455	-853.7	QAL	9.11	2.02	1.20	0.222	1.684	7.583	1564.	43.	3.	760.2	31.4	1
1298	0	388	37.0225	89.0448	-858.5	QAL	6.36	3.33	1.34	0.525	2.492	4.749	1614.	38.	0.	760.2	31.3	1
1299	0	340	37.0225	89.0441	-856.5	QL	6.79	2.29	1.11	0.337	2.062	6.113	1534.	45.	4.	761.2	31.3	1
1300	0	352	37.0225	89.0434	-850.5	QL	7.42	5.24	1.26	0.706	4.162	5.895	1690.	1.	0.	762.3	31.3	1
1301	0	336	37.0225	89.0426	-852.5	QL	9.06	2.66	1.25	0.293	2.125	7.255	17[illegible]	32.	0.	761.2	31.3	1
1302	0	344	37.0225	89.0419	-857.2	QL	8.68	1.91	1.20	0.220	1.589	7.220	1735.	33.	3.	761.2	31.3	1
1303	0	356	37.0225	89.0412	-859.5	QL	8.62	3.64	1.57	0.422	2.312	5.474	1838.	40.	1.	760.7	31.3	1
1304	0	356	37.0225	89.0404	-859.2	QL	8.86	4.08	1.26	0.461	3.236	7.017	1873.	25.	0.	759.7	31.3	1
1305	0	356	37.0225	89.0397	-856.2	QL	10.08	2.53	1.43	0.251	1.773	7.069	1789.	37.	0.	759.7	31.3	1
1306	0	368	37.0225	89.0390	-857.0	QL	10.02	2.24	1.31	0.223	1.702	7.626	1769.	44.	2.	759.2	31.3	1
1307	0	356	37.0225	89.0383	-858.2	QL	7.33	2.88	1.38	0.393	2.082	5.303	1747.	53.	5.	759.2	31.3	1
1308	0	348	37.0225	89.0376	-857.7	QL	6.77	1.76	1.26	0.260	1.398	5.378	1697.	39.	8.	761.2	31.3	1
1309	0	356	37.0225	89.0369	-859.0	QL	7.20	3.18	1.29	0.441	2.461	5.581	1681.	38.	4.	762.3	31.4	1
1310	0	356	37.0225	89.0362	-857.0	QL	6.85	1.72	1.56	0.251	1.102	4.388	1738.	46.	10.	761.8	31.4	1
1311	0	356	37.0225	89.0355	-854.7	QL	7.03	1.69	1.46	0.241	1.161	4.828	1797.	37.	12.	760.7	31.5	1
1312	0	348	37.0226	89.0347	-862.2	QL	7.77	2.99	1.36	0.384	2.195	5.712	1782.	37.	6.	759.7	31.5	1
1313	0	332	37.0226	89.0340	-864.5	QL	8.37	2.64	1.49	0.315	1.770	5.618	1729.	51.	7.	759.7	31.5	1
1314	0	328	37.0226	89.0333	-859.2	QL	8.70	1.94	1.22	0.223	1.588	7.130	1734.	37.	9.	759.7	31.4	1
1315	0	328	37.0226	89.0326	-861.2	QL	8.83	2.18	1.47	0.247	1.483	6.001	1737.	51.	8.	759.7	31.4	1
1316	0	332	37.0226	89.0319	-861.7	QL	5.42	2.83	1.30	0.521	2.174	4.170	1660.	41.	10.	759.7	31.4	1
1317	10	328	37.0226	89.0312	-861.2	QL	7.72	1.20	1.29	0.0	0.0	5.963	1647.	38.	10.	760.7	31.4	1
1318	0	340	37.0226	89.0304	-866.2	QL	7.38	3.40	1.16	0.461	2.926	6.350	1686.	43.	8.	761.8	31.4	1
1319	0	344	37.0226	89.0297	-864.5	QL	5.95	2.47	1.34	0.415	1.839	4.430	1646.	47.	13.	761.8	31.4	1
1320	10	336	37.0226	89.0290	-859.2	QL	9.26	1.39	1.31	0.0	0.0	7.079	1714.	29.	12.	760.7	31.4	1
1321	0	324	37.0226	89.0282	-863.0	QL	7.54	2.21	1.42	0.293	1.550	5.292	1663.	48.	10.	759.7	31.4	1
1322	0	328	37.0226	89.0275	-868.5	QL	6.50	4.43	1.15	0.681	3.845	5.644	1742.	44.	5.	759.7	31.5	1
1323	0	340	37.0226	89.0268	-867.0	QL	8.74	2.38	1.41	0.272	1.691	6.210	1804.	46.	5.	758.7	31.5	1
1324	0	340	37.0226	89.0261	-862.2	QL	9.29	2.47	1.48	0.266	1.670	6.276	1887.	42.	7.	758.7	31.5	1
1325	0	324	37.0226	89.0254	-865.7	QL	7.94	3.04	1.51	0.383	2.010	5.242	1802.	39.	4.	758.7	31.5	1

* ID	TAGS QUAL	ALT	LOCATION * LAT	LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
1326	0	328	37.0227	89.0247	-867.5		QL	8.26	2.25	1.67	0.272	1.347	4.943	1764.	41.	3.	758.7	31.4	1
1327	0	344	37.0227	89.0239	-868.5		QL	8.71	3.24	1.18	0.372	2.732	7.354	1760.	54.	0.	758.7	31.4	1
1328	0	340	37.0227	89.0232	-871.2		QL	8.23	2.36	1.31	0.287	1.806	6.296	1761.	39.	0.	759.7	31.4	1
1329	0	328	37.0227	89.0225	-868.2		QL	7.95	2.94	1.42	0.370	2.066	5.587	1806.	36.	0.	759.7	31.4	1
1330	0	320	37.0227	89.0218	-867.0		QL	8.85	3.36	1.05	0.380	3.204	8.441	1740.	48.	0.	759.7	31.3	1
1331	0	324	37.0227	89.0210	-871.7		QL	8.27	3.41	0.87	0.412	3.916	9.497	1605.	61.	0.	760.7	31.3	1
1332	0	332	37.0227	89.0203	-874.0		QL	7.87	2.54	1.32	0.323	1.925	5.961	1677.	45.	0.	761.8	31.3	1
1333	0	312	37.0227	89.0196	-872.7		QL	7.40	4.33	1.05	0.586	4.126	7.044	1665.	41.	0.	761.2	31.3	1
1334	0	304	37.0227	89.0189	-874.5		QL	7.28	4.18	1.29	0.575	3.248	5.653	1725.	36.	0.	761.2	31.2	1
1335	0	296	37.0228	89.0182	-878.5		QL	8.26	3.08	1.27	0.373	2.422	6.500	1711.	41.	1.	761.8	31.2	1
1336	0	296	37.0228	89.0175	-875.7		QL	8.36	2.92	1.22	0.349	2.388	6.844	1679.	36.	2.	761.8	31.2	1
1337	0	304	37.0228	89.0167	-870.7		QL	7.50	3.96	1.05	0.529	3.790	7.171	1699.	39.	2.	761.8	31.2	1
1338	0	296	37.0228	89.0160	-868.7		QL	10.12	3.57	1.24	0.353	2.889	8.185	1824.	29.	2.	762.8	31.3	1
1339	0	288	37.0228	89.0152	-872.0		QL	6.43	3.12	1.26	0.486	2.475	5.094	1780.	46.	5.	762.8	31.3	1
1340	0	268	37.0228	89.0145	-872.7		QL	8.10	2.20	1.39	0.272	1.579	5.816	1695.	52.	7.	762.8	31.3	1
1341	0	264	37.0228	89.0138	-871.7		QL	6.31	3.11	1.08	0.492	2.881	5.851	1592.	40.	6.	762.3	31.3	1
1342	0	236	37.0228	89.0131	-871.0		QL	6.65	2.57	0.98	0.386	2.612	6.759	1504.	50.	6.	762.3	31.5	1
1343	0	284	37.0228	89.0124	-872.5		QL	6.28	2.70	1.33	0.429	2.034	4.736	1647.	37.	7.	763.3	31.5	1
1344	0	328	37.0228	89.0117	-876.0		QL	9.78	1.98	1.05	0.202	1.876	9.288	1681.	43.	4.	762.3	31.6	1
1345	0	348	37.0228	89.0110	-878.0		QL	6.34	3.03	1.17	0.478	2.596	5.427	1654.	51.	8.	761.2	31.5	1
1346	0	340	37.0228	89.0103	-878.2		QL	9.16	2.15	1.31	0.234	1.639	6.998	1784.	44.	8.	761.2	31.5	1
1347	0	320	37.0228	89.0096	-877.7		QL	7.21	2.39	1.42	0.332	1.678	5.059	1817.	37.	6.	761.8	31.5	1
1348	0	308	37.0229	89.0088	-875.5		QL	8.56	2.31	1.42	0.270	1.626	6.017	1766.	37.	4.	760.7	31.4	1
1349	0	308	37.0229	89.0081	-877.0		QL	8.55	2.42	1.54	0.283	1.567	5.539	1740.	43.	5.	759.7	31.5	1
1350	0	304	37.0229	89.0074	-876.7		QL	8.25	3.10	1.33	0.376	2.335	6.209	1828.	41.	1.	759.7	31.4	1
1351	0	304	37.0229	89.0067	-877.7		QL	6.96	3.38	1.31	0.486	2.579	5.306	1799.	36.	4.	759.7	31.3	1
1352	0	320	37.0229	89.0060	-882.2		QL	7.16	1.96	1.35	0.274	1.456	5.311	1698.	55.	6.	758.7	31.3	1
1353	0	332	37.0229	89.0053	-882.0		QL	8.51	4.24	1.53	0.498	2.774	5.565	1861.	45.	3.	758.7	31.3	1
1354	0	320	37.0229	89.0045	-878.5		QL	9.53	1.60	1.41	0.168	1.136	6.750	1804.	30.	6.	758.7	31.3	1
1355	0	316	37.0229	89.0038	-881.5		QL	7.98	2.60	1.41	0.325	1.839	5.656	1713.	33.	3.	759.7	31.3	1
1356	0	324	37.0229	89.0031	-883.5		QL	8.22	1.83	1.42	0.223	1.291	5.789	1782.	30.	4.	760.7	31.4	1
1357	0	336	37.0229	89.0024	-882.7		QL	8.29	3.08	1.50	0.372	2.053	5.522	1865.	30.	1.	759.7	31.4	1
1358	0	348	37.0229	89.0018	-882.2		QL	8.99	2.00	1.11	0.222	1.804	8.117	1765.	40.	4.	760.7	31.3	1
1359	0	356	37.0229	89.0011	-887.0		QL	8.98	2.74	1.16	0.306	2.357	7.714	1723.	33.	1.	760.7	31.3	1
1360	0	360	37.0229	89.0003	-886.5		QL	9.22	3.05	1.18	0.331	2.586	7.814	1657.	55.	0.	759.7	31.2	1
1361	0	360	37.0229	88.9997	-880.7		QL	8.75	4.04	0.96	0.461	4.198	9.098	1699.	33.	0.	758.7	31.2	1
1362	0	364	37.0229	88.9990	-880.5		QL	8.87	2.77	1.32	0.313	2.107	6.737	1798.	49.	2.	757.6	31.2	1
1363	0	368	37.0228	88.9982	-887.7		QL	9.58	2.01	1.46	0.210	1.374	6.552	1763.	26.	0.	757.6	31.2	1
1364	0	372	37.0228	88.9976	-886.7		QL	10.97	2.41	1.29	0.219	1.861	8.484	1745.	35.	2.	759.7	31.2	1
1365	0	376	37.0228	88.9969	-883.7		QL	7.89	3.81	1.33	0.483	2.867	5.942	1751.	41.	4.	759.7	31.2	1
1366	0	380	37.0228	88.9962	-888.5		QL	7.99	3.19	1.23	0.399	2.581	6.471	1721.	35.	1.	759.7	31.2	1
1367	0	388	37.0228	88.9955	-890.2		QL	7.92	2.11	1.13	0.266	1.870	7.029	1685.	41.	3.	760.2	31.2	1
1368	0	404	37.0228	88.9948	-887.0		QL	7.51	5.43	1.07	0.723	5.096	7.048	1738.	45.	0.	759.2	31.2	1
1369	0	404	37.0228	88.9941	-886.2		QL	6.13	1.92	1.33	0.313	1.443	4.606	1612.	41.	3.	758.1	31.1	1
1370	0	392	37.0228	88.9934	-890.0		QL	9.93	2.99	1.30	0.301	2.299	7.636	1800.	39.	1.	758.7	31.1	1
1371	0	380	37.0228	88.9927	-889.2		QL	8.67	3.61	1.19	0.416	3.022	7.267	1685.	41.	1.	759.7	31.1	1
1372	0	368	37.0228	88.9920	-886.2		QL	7.52	2.98	1.16	0.396	2.570	6.490	1689.	44.	2.	760.2	31.1	1
1373	0	364	37.0228	88.9914	-891.7		QL	4.86	4.04	1.40	0.831	2.889	3.476	1651.	42.	3.	759.2	31.0	1
1374	0	360	37.0228	88.9907	-891.2		QL	7.10	4.55	1.16	0.641	3.926	6.125	1684.	33.	3.	758.1	31.0	1
1375	0	356	37.0228	88.9900	-888.7		QL	6.93	2.43	1.38	0.351	1.765	5.035	1683.	55.	3.	759.2	31.0	1
1376	0	332	37.0228	88.9893	-894.5		QL	5.78	4.17	1.11	0.722	3.746	5.189	1543.	41.	0.	760.2	31.1	1
1377	0	336	37.0228	88.9886	-896.5		QL	7.05	1.91	1.29	0.271	1.478	5.465	1613.	44.	8.	761.2	31.1	1
1378	0	364	37.0228	88.9879	-893.7		QL	7.19	4.29	1.37	0.597	3.137	5.251	1824.	54.	4.	760.2	31.1	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1379	0	360	37.0227	88.9872	-896.2	QL	7.59	3.04	1.33	0.400	2.283	5.704	1778.	40.	7.	759.2	31.1	1
1380	0	364	37.0227	88.9865	-894.0	QL	7.61	3.85	1.20	0.506	3.204	6.329	1765.	49.	4.	758.7	31.1	1
1381	0	372	37.0227	88.9858	-891.2	QL	11.13	2.06	1.51	0.185	1.368	7.395	1829.	25.	5.	758.7	31.1	1
1382	10	380	37.0227	88.9852	-896.5	QL	11.13	0.61	1.41	0.0	0.0	7.908	1782.	39.	6.	759.7	31.1	1
1383	0	388	37.0227	88.9844	-895.5	QL	8.44	3.75	1.14	0.444	3.289	7.403	1827.	43.	4.	759.7	31.1	1
1384	0	384	37.0227	88.9837	-891.5	QL	6.35	2.35	1.52	0.370	1.550	4.188	1789.	44.	8.	758.7	31.1	1
1385	0	396	37.0227	88.9831	-892.5	QL	9.11	3.06	1.40	0.335	2.184	6.511	1782.	47.	5.	758.7	31.1	1
1386	10	400	37.0227	88.9824	-893.7	QL	8.01	1.43	1.73	0.0	0.0	4.635	1819.	45.	9.	759.7	31.1	1
1387	0	396	37.0226	88.9817	-894.7	QL	8.72	2.97	1.21	0.341	2.450	7.183	1657.	45.	3.	760.7	31.1	1
1388	0	400	37.0226	88.9810	-894.2	QL	9.09	1.71	1.39	0.188	1.234	6.546	1811.	42.	5.	759.7	31.1	1
1389	0	404	37.0226	88.9803	-893.0	QL	9.16	2.91	1.13	0.318	2.585	8.128	1770.	42.	7.	758.7	31.0	1
1390	0	408	37.0226	88.9796	-896.5	QAL	9.15	3.28	1.16	0.359	2.839	7.915	1801.	32.	4.	758.1	31.0	1
1391	0	408	37.0226	88.9789	-898.7	QAL	8.44	3.91	0.93	0.463	4.211	9.094	1676.	51.	4.	760.2	31.0	1
1392	0	408	37.0226	88.9782	-894.0	QAL	8.10	2.28	1.05	0.281	2.167	7.710	1722.	37.	7.	761.2	31.1	1
1393	0	404	37.0226	88.9775	-891.0	QAL	8.98	2.41	1.05	0.268	2.285	8.516	1683.	33.	5.	760.2	31.0	1
1394	0	480	37.0226	88.9769	-894.7	QAL	9.46	4.03	0.86	0.426	4.712	11.052	1760.	41.	3.	759.7	31.1	1
1395	0	404	37.0226	88.9761	-900.7	QL	6.48	3.16	1.24	0.487	2.553	5.238	1583.	40.	5.	760.7	31.1	1
1396	0	404	37.0226	88.9754	-901.5	QL	9.23	1.79	1.25	0.194	1.431	7.361	1601.	45.	6.	761.2	31.1	1
1397	0	404	37.0226	88.9748	-899.5	QL	6.27	1.98	1.17	0.316	1.689	5.349	1562.	32.	6.	761.2	31.1	1
1398	0	404	37.0226	88.9740	-900.5	QL	6.50	2.41	1.16	0.371	2.079	5.612	1547.	40.	6.	759.2	31.1	1
1399	0	404	37.0226	88.9733	-899.5	QL	6.45	4.39	1.26	0.681	3.476	5.105	1635.	43.	5.	758.1	31.1	1
1400	0	404	37.0226	88.9727	-899.0	QL	8.10	2.87	1.23	0.354	2.334	6.599	1689.	31.	5.	760.2	31.1	1
1401	0	404	37.0226	88.9720	-900.5	QL	8.66	2.68	1.35	0.310	1.984	6.405	1748.	43.	3.	761.8	31.1	1
1402	0	396	37.0226	88.9713	-901.7	QL	7.06	1.94	1.32	0.275	1.468	5.340	1684.	38.	8.	760.7	31.1	1
1403	0	392	37.0225	88.9706	-901.0	QL	8.23	2.06	1.45	0.251	1.422	5.678	1724.	43.	1.	758.7	31.1	1
1404	0	384	37.0225	88.9699	-898.7	QL	8.26	1.93	1.42	0.234	1.362	5.828	1749.	50.	3.	759.7	31.0	1
1405	0	380	37.0225	88.9692	-897.7	QL	8.75	1.71	1.71	0.196	1.004	5.126	1839.	45.	3.	761.8	31.1	1
1406	0	368	37.0225	88.9685	-900.2	QL	6.80	2.89	1.14	0.425	2.532	5.952	1724.	41.	4.	760.7	31.1	1
1407	0	360	37.0225	88.9678	-902.0	QL	8.05	2.78	1.25	0.345	2.225	6.450	1698.	37.	8.	758.7	31.1	1
1408	10	368	37.0225	88.9671	-900.2	QL	8.90	1.04	1.44	0.0	0.0	6.165	1794.	52.	4.	760.7	31.1	1
1409	0	356	37.0225	88.9665	-903.0	QL	8.95	3.67	1.31	0.410	2.802	6.835	1754.	36.	6.	760.7	31.0	1
1410	0	344	37.0225	88.9657	-905.2	QL	10.09	2.34	1.47	0.232	1.591	6.854	1807.	33.	5.	758.7	31.1	1
1411	0	344	37.0225	88.9650	-904.0	QL	10.20	2.19	1.39	0.215	1.575	7.329	1800.	41.	7.	760.7	31.0	1
1412	0	344	37.0225	88.9644	-901.5	QL	6.15	3.37	1.38	0.548	2.442	4.458	1711.	49.	8.	760.7	31.1	1
1413	0	348	37.0225	88.9637	-903.0	QL	7.63	3.10	1.39	0.406	2.232	5.492	1770.	30.	8.	758.7	31.2	1
1414	0	352	37.0225	88.9630	-900.2	QL	6.98	3.17	1.33	0.455	2.396	5.266	1749.	46.	6.	759.7	31.4	1
1415	0	352	37.0225	88.9623	-897.2	QL	8.46	2.57	1.45	0.304	1.776	5.843	1847.	48.	8.	759.7	31.4	1
1416	0	364	37.0225	88.9616	-898.7	QL	7.61	2.32	1.38	0.305	1.676	5.498	1772.	46.	9.	759.2	31.5	1
1417	0	380	37.0225	88.9609	-900.2	QL	5.72	3.72	1.38	0.651	2.700	4.146	1677.	56.	8.	760.7	31.5	1
1418	0	388	37.0224	88.9602	-901.0	QL	7.90	3.34	1.39	0.423	2.397	5.668	1737.	43.	4.	758.7	31.4	1
1419	0	388	37.0224	88.9595	-897.2	QL	8.96	3.56	1.18	0.398	3.029	7.614	1741.	45.	3.	757.6	31.3	1
1420	0	384	37.0224	88.9588	-897.7	QL	9.42	1.87	1.63	0.198	1.145	5.772	1779.	36.	4.	759.7	31.3	1
1421	10	376	37.0224	88.9582	-902.0	QL	9.86	0.34	1.34	0.0	0.0	7.358	1714.	52.	4.	758.7	31.4	1
1422	0	376	37.0224	88.9574	-902.5	QL	9.98	3.38	1.15	0.339	2.947	8.704	1818.	41.	3.	758.7	31.3	1
1423	0	380	37.0224	88.9567	-900.7	QL	6.49	3.52	1.28	0.542	2.758	5.092	1770.	39.	6.	759.7	31.3	1
1424	0	380	37.0224	88.9561	-900.7	QL	6.21	4.26	1.12	0.687	3.803	5.537	1748.	43.	4.	758.7	31.4	1
1425	0	388	37.0224	88.9554	-903.0	QL	7.77	2.28	1.28	0.294	1.781	6.065	1741.	44.	10.	758.7	31.4	1
1426	10	400	37.0224	88.9547	-899.7	QL	8.36	0.63	1.27	0.0	0.0	6.570	1787.	38.	11.	759.7	31.4	1
1427	0	396	37.0224	88.9540	-898.0	QL	5.11	4.93	1.11	0.964	4.424	4.589	1669.	31.	9.	757.6	31.4	1
1428	0	400	37.0224	88.9533	-899.5	QL	6.76	2.10	1.17	0.310	1.791	5.769	1617.	39.	11.	758.7	31.3	1
1429	0	408	37.0224	88.9526	-903.0	QL	7.75	3.10	1.30	0.400	2.383	5.957	1678.	43.	6.	759.7	31.2	1
1430	0	392	37.0224	88.9519	-900.7	QL	6.24	2.92	1.09	0.468	2.675	5.720	1641.	43.	10.	758.1	31.2	1
1431	0	392	37.0224	88.9512	-901.0	QL	7.47	3.14	1.10	0.421	2.857	6.789	1663.	52.	11.	758.7	31.2	1

* TAGS			* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1432	0	388	37.0224	88.9505	-896.7	QL	8.19	1.99	1.32	0.243	1.513	6.220	1725.	46.	11.	758.7	31.2	1
1433	0	404	37.0224	88.9499	-893.0	QL	6.57	2.96	1.29	0.451	2.294	5.086	1707.	47.	11.	759.2	31.1	1
1434	0	408	37.0223	88.9491	-898.0	QL	8.68	2.55	1.27	0.294	2.000	6.808	1695.	48.	10.	760.2	31.1	1
1435	0	404	37.0223	88.9484	-900.5	QL	9.42	2.01	1.33	0.213	1.507	7.072	1764.	31.	8.	758.7	31.1	1
1436	0	412	37.0223	88.9478	-897.2	QAL	6.74	4.47	1.15	0.663	3.903	5.885	1689.	47.	5.	758.7	31.1	1
1437	0	412	37.0223	88.9471	-897.0	QAL	8.14	3.72	1.27	0.457	2.939	6.426	1773.	40.	7.	760.7	31.1	1
1438	0	408	37.0223	88.9464	-899.5	QAL	8.74	1.65	1.28	0.189	1.288	6.818	1698.	35.	9.	758.7	31.0	1
1439	0	408	37.0223	88.9457	-898.5	QAL	8.53	4.21	1.08	0.494	3.879	7.860	1730.	44.	5.	758.7	31.0	1
1440	0	408	37.0223	88.9450	-895.5	QAL	6.34	3.17	1.26	0.500	2.513	5.021	1685.	42.	6.	760.2	31.1	1
1441	0	404	37.0223	88.9443	-895.5	QAL	6.11	3.09	1.13	0.505	2.737	5.415	1483.	43.	3.	759.7	31.0	1
1442	0	404	37.0222	88.9436	-894.5	QAL	6.48	2.56	1.03	0.396	2.491	6.297	1496.	41.	7.	760.2	31.0	1
1443	0	396	37.0222	88.9429	-893.5	QAL	5.77	1.90	1.19	0.329	1.591	4.843	1375.	31.	7.	759.7	31.0	1
1444	10	368	37.0222	88.9422	-896.7	QAL	6.17	0.92	1.15	0.0	0.0	5.343	1296.	42.	7.	759.2	31.0	1
1445	10	344	37.0222	88.9415	-899.0	QAL	6.02	1.12	0.81	0.0	0.0	7.393	1269.	44.	7.	759.7	31.0	1
1446	10	344	37.0222	88.9408	-896.0	QL	5.28	1.20	0.98	0.0	0.0	5.360	1285.	42.	9.	759.7	31.0	1
1447	0	336	37.0222	88.9401	-891.5	QL	6.02	2.09	1.02	0.347	2.060	5.929	1350.	49.	5.	759.7	31.0	1
1448	0	316	37.0222	88.9395	-892.0	QL	6.69	1.52	0.94	0.228	1.615	7.092	1396.	30.	6.	760.2	31.0	1
1449	0	320	37.0222	88.9388	-890.2	QL	7.64	2.03	1.00	0.265	2.034	7.672	1420.	42.	3.	760.7	31.0	1
1450	0	324	37.0222	88.9380	-890.0	QL	8.49	2.43	0.91	0.287	2.665	9.293	1533.	25.	6.	761.2	31.0	1
1451	0	356	37.0222	88.9374	-891.0	QL	6.22	2.19	1.21	0.353	1.810	5.131	1573.	43.	6.	760.7	31.0	1
1452	0	352	37.0222	88.9367	-889.2	QL	6.68	2.48	1.23	0.371	2.020	5.438	1630.	37.	6.	760.2	31.0	1
1453	0	324	37.0222	88.9360	-888.0	QL	7.24	2.42	1.14	0.334	2.112	6.324	1543.	32.	2.	760.2	31.1	1
1454	0	376	37.0222	88.9353	-889.5	QL	7.54	4.27	1.24	0.566	3.451	6.098	1734.	37.	1.	760.7	31.1	1
1455	0	352	37.0222	88.9346	-886.7	QL	8.64	3.10	1.16	0.359	2.677	7.461	1667.	37.	3.	760.2	31.1	1
1456	0	352	37.0222	88.9339	-881.7	QL	7.03	1.98	1.35	0.282	1.466	5.201	1656.	54.	8.	759.7	31.0	1
1457	0	352	37.0221	88.9332	-883.0	QL	7.23	3.58	0.94	0.495	3.802	7.682	1649.	44.	6.	759.7	31.1	1
1458	0	360	37.0221	88.9325	-884.0	QL	7.05	4.04	0.93	0.573	4.327	7.553	1692.	50.	8.	759.7	31.1	1
1459	0	356	37.0221	88.9318	-881.7	QL	8.82	2.60	1.04	0.295	2.491	8.457	1680.	44.	9.	760.2	31.1	1
1460	0	344	37.0221	88.9312	-880.2	QL	8.14	2.17	1.34	0.267	1.624	6.087	1665.	45.	6.	760.2	31.2	1
1461	0	356	37.0221	88.9304	-881.0	QL	6.21	1.73	1.61	0.278	1.072	3.850	1678.	38.	9.	759.7	31.2	1
1462	0	368	37.0221	88.9297	-880.7	QL	6.80	2.90	1.22	0.426	2.374	5.574	1622.	37.	10.	760.2	31.2	1
1463	0	344	37.0221	88.9291	-873.7	QL	6.38	2.69	1.20	0.421	2.243	5.323	1525.	45.	8.	759.7	31.2	1
1464	10	356	37.0221	88.9284	-868.0	QL	7.57	0.52	1.37	0.0	0.0	5.529	1662.	40.	11.	759.2	31.2	1
1465	0	372	37.0220	88.9277	-872.2	QL	7.53	2.68	1.17	0.356	2.284	6.416	1729.	40.	9.	760.2	31.1	1
1466	10	332	37.0220	88.9270	-873.5	QL	7.08	1.11	1.29	0.0	0.0	5.479	1530.	35.	7.	759.7	31.1	1
1467	10	304	37.0220	88.9263	-871.7	QL	8.86	0.54	1.16	0.0	0.0	7.645	1525.	36.	6.	759.7	31.0	1
1468	0	340	37.0220	88.9256	-873.5	QL	6.68	2.24	1.19	0.335	1.872	5.589	1631.	46.	6.	760.7	31.0	1
1469	0	324	37.0220	88.9249	-875.0	QL	6.07	4.33	1.22	0.714	3.546	4.968	1705.	33.	0.	760.2	31.0	1
1470	0	304	37.0220	88.9242	-872.7	QL	7.24	2.42	1.23	0.334	1.967	5.886	1596.	46.	4.	759.2	31.0	1
1471	0	332	37.0220	88.9235	-870.5	QL	7.46	2.92	1.27	0.391	2.297	5.872	1655.	50.	4.	759.2	31.0	1
1472	0	340	37.0220	88.9229	-869.7	QL	8.22	2.87	1.44	0.349	1.986	5.693	1740.	44.	2.	759.2	31.0	1
1473	0	352	37.0220	88.9221	-872.2	QL	7.04	3.46	1.51	0.491	2.293	4.669	1707.	35.	4.	760.2	31.0	1
1474	0	364	37.0220	88.9214	-871.5	QL	9.85	4.15	1.18	0.422	3.512	8.329	1747.	42.	3.	760.7	31.0	1
1475	10	368	37.0220	88.9208	-868.0	QL	8.64	1.21	1.48	0.0	0.0	5.853	1784.	38.	5.	759.7	31.0	1
1476	0	364	37.0220	88.9201	-866.2	QL	7.88	4.29	1.23	0.545	3.482	6.393	1753.	38.	3.	759.2	31.0	1
1477	0	360	37.0220	88.9194	-864.2	QL	8.74	3.51	1.33	0.401	2.633	6.569	1838.	35.	7.	759.7	31.0	1
1478	0	368	37.0220	88.9187	-863.0	QL	8.69	2.56	1.52	0.294	1.677	5.702	1830.	32.	10.	759.7	31.0	1
1479	0	352	37.0220	88.9180	-862.5	QAL	9.53	1.63	1.22	0.171	1.342	7.829	1848.	30.	10.	760.7	31.0	1
1480	10	352	37.0220	88.9173	-861.7	QAL	8.54	1.38	1.43	0.0	0.0	5.984	1778.	50.	11.	760.7	31.0	1
1481	0	368	37.0219	88.9166	-861.2	QAL	9.98	3.32	1.15	0.333	2.879	8.652	1852.	41.	7.	759.2	31.0	1
1482	0	380	37.0219	88.9159	-860.5	QAL	9.68	2.26	1.44	0.233	1.564	6.708	1844.	27.	10.	759.7	31.0	1
1483	0	388	37.0219	88.9152	-855.0	QAL	8.41	2.59	1.35	0.307	1.919	6.240	1782.	25.	12.	760.2	30.9	1
1484	0	392	37.0219	88.9146	-851.5	QL	5.41	2.45	1.21	0.453	2.033	4.491	1682.	38.	11.	760.7	30.9	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1485	10	404	37.0219	88.9138	-853.5		QL	9.31	0.36	1.29	0.0	0.0	7.194	1686.	37.	10.	760.2	31.0	1
1486	0	404	37.0219	88.9131	-852.5		QL	6.33	3.39	1.32	0.536	2.575	4.801	1600.	32.	7.	760.2	30.9	1
1487	10	404	37.0219	88.9125	-848.7		QL	7.99	0.78	1.33	0.0	0.0	6.015	1557.	37.	7.	760.2	30.9	1
1488	0	404	37.0219	88.9118	-850.2		QL	7.55	3.35	1.04	0.444	3.229	7.270	1652.	38.	2.	760.7	31.0	1
1489	0	396	37.0219	88.9110	-849.2		QL	7.37	3.35	1.31	0.455	2.558	5.621	1685.	33.	2.	760.2	31.0	1
1490	0	396	37.0219	88.9104	-844.5		QL	8.41	1.55	1.37	0.184	1.131	6.156	1849.	38.	4.	760.7	31.0	1
1491	0	392	37.0219	88.9097	-845.2		QAL	7.13	4.60	1.07	0.646	4.320	6.688	1696.	48.	0.	761.2	31.0	1
1492	0	396	37.0219	88.9090	-843.7		QAL	6.40	4.91	1.26	0.768	3.899	5.078	1778.	34.	2.	760.2	31.0	1
1493	0	404	37.0219	88.9083	-843.0		QAL	8.01	2.01	1.47	0.252	1.370	5.445	1754.	47.	4.	760.2	31.0	1
1494	0	404	37.0219	88.9076	-845.7		QAL	9.28	3.49	1.04	0.376	3.352	8.906	1648.	44.	1.	759.7	31.0	1
1495	0	404	37.0219	88.9069	-841.5		QAL	5.44	2.75	1.22	0.506	2.260	4.470	1627.	43.	5.	760.2	30.9	1
1496	10	384	37.0219	88.9062	-837.0		QAL	6.21	0.87	1.23	0.0	0.0	5.044	1366.	35.	5.	761.2	30.9	1
1497	0	356	37.0219	88.9055	-838.0		QAL	6.69	1.66	0.93	0.248	1.792	7.230	1352.	35.	6.	760.2	30.9	1
1498	0	348	37.0219	88.9048	-833.5		QAL	5.78	2.07	0.83	0.359	2.494	6.957	1417.	42.	5.	760.7	30.9	1
1499	0	396	37.0219	88.9041	-830.0		QAL	6.79	1.92	1.23	0.282	1.553	5.499	1581.	31.	5.	761.2	30.9	1
1500	0	396	37.0219	88.9034	-833.2		QL	6.46	3.30	1.01	0.511	3.275	6.415	1560.	38.	5.	760.7	30.9	1
1501	0	396	37.0219	88.9027	-833.7		QL	7.06	2.36	1.10	0.334	2.143	6.418	1569.	45.	3.	761.2	31.0	1
1502	0	392	37.0219	88.9020	-827.2		QL	6.53	2.19	1.37	0.335	1.592	4.753	1682.	43.	6.	759.2	31.0	1
1503	0	384	37.0219	88.9013	-824.7		QL	8.60	4.22	1.15	0.491	3.671	7.479	1720.	37.	2.	758.7	30.9	1
1504	0	372	37.0219	88.9006	-825.2		QL	8.54	3.39	1.44	0.397	2.347	5.917	1759.	31.	3.	761.2	31.0	1
1505	0	352	37.0219	88.8999	-823.5		QL	7.81	2.20	1.15	0.282	1.917	6.801	1636.	45.	4.	760.2	31.0	1
1506	0	332	37.0219	88.8991	-819.2		QL	8.68	2.59	1.15	0.299	2.252	7.542	1703.	42.	4.	760.7	31.0	1
1507	0	332	37.0219	88.8984	-815.2		QL	7.17	4.38	1.18	0.610	3.695	6.057	1811.	41.	1.	761.2	31.0	1
1508	0	328	37.0220	88.8977	-814.7		QL	7.97	4.41	1.28	0.553	3.449	6.238	1823.	36.	1.	760.2	31.0	1
1509	0	328	37.0220	88.8970	-814.0		QL	7.10	2.37	1.20	0.333	1.976	5.927	1613.	43.	2.	760.2	31.0	1
1510	0	336	37.0220	88.8962	-811.0		QL	8.70	3.06	1.26	0.352	2.424	6.887	1707.	37.	0.	759.7	31.0	1
1511	0	344	37.0220	88.8955	-810.7		QL	7.75	3.41	1.23	0.440	2.770	6.298	1662.	42.	1.	759.2	31.0	1
1512	0	348	37.0220	88.8948	-810.7		QL	7.95	2.12	1.37	0.267	1.546	5.790	1690.	34.	3.	760.2	31.0	1
1513	0	352	37.0220	88.8941	-805.5		QL	7.50	3.83	1.08	0.511	3.535	6.915	1675.	38.	0.	759.2	31.0	1
1514	0	360	37.0220	88.8934	-805.7		QL	8.50	1.94	1.27	0.228	1.530	6.708	1737.	30.	0.	759.7	31.0	1
1515	0	352	37.0220	88.8927	-805.7		QL	6.78	2.94	1.62	0.433	1.810	4.177	1735.	40.	4.	759.2	31.0	1
1516	0	348	37.0220	88.8919	-801.7		QL	9.12	3.37	1.07	0.369	3.150	8.527	1715.	35.	2.	759.2	31.0	1
1517	0	356	37.0220	88.8912	-801.7		QL	5.83	5.42	1.36	0.930	3.978	4.275	1661.	47.	2.	760.2	31.0	1
1518	0	348	37.0220	88.8905	-803.0		QL	7.97	2.57	1.07	0.323	2.406	7.445	1546.	57.	6.	759.2	31.0	1
1519	0	352	37.0220	88.8898	-799.2		QL	6.09	2.61	1.33	0.428	1.958	4.570	1712.	31.	9.	758.7	31.0	1
1520	0	364	37.0221	88.8891	-795.0		QL	7.55	3.36	1.42	0.445	2.360	5.307	1773.	35.	11.	760.2	31.0	1
1521	0	356	37.0221	88.8884	-792.0		QL	7.60	2.75	1.21	0.362	2.270	6.277	1680.	44.	11.	759.2	30.9	1
1522	0	348	37.0221	88.8877	-795.0		QL	7.86	2.26	1.50	0.287	1.505	5.238	1725.	43.	10.	760.2	30.9	1
1523	0	344	37.0221	88.8870	-789.0		QL	7.56	2.32	1.37	0.307	1.688	5.496	1717.	46.	14.	760.2	30.9	1
1524	0	344	37.0221	88.8863	-780.5		QL	9.89	1.93	1.08	0.196	1.797	9.189	1662.	41.	9.	758.7	30.9	1
1525	0	348	37.0221	88.8856	-784.5		QL	7.81	2.21	1.18	0.284	1.882	6.639	1677.	38.	9.	759.7	30.9	1
1526	0	352	37.0222	88.8849	-783.5		QL	7.93	1.83	1.18	0.231	1.550	6.715	1599.	34.	7.	759.7	30.9	1
1527	0	356	37.0222	88.8842	-775.5		QL	8.73	2.70	1.03	0.309	2.620	8.468	1600.	50.	3.	758.7	31.0	1
1528	0	360	37.0222	88.8835	-778.5		QL	8.17	2.52	1.09	0.309	2.313	7.484	1673.	43.	7.	759.7	31.0	1
1529	0	372	37.0222	88.8827	-781.5		QL	7.29	1.97	1.40	0.271	1.410	5.204	1717.	46.	8.	759.2	31.1	1
1530	0	380	37.0222	88.8820	-772.5		QL	7.99	2.41	1.46	0.302	1.649	5.469	1734.	53.	7.	759.2	31.1	1
1531	0	380	37.0222	88.8813	-769.2		QL	7.63	1.73	1.26	0.226	1.373	6.066	1683.	40.	10.	759.2	31.0	1
1532	0	376	37.0222	88.8806	-771.0		QL	7.11	2.71	1.40	0.381	1.934	5.076	1746.	42.	12.	757.6	31.0	1
1533	0	372	37.0222	88.8799	-764.7		QL	7.26	2.05	1.31	0.283	1.561	5.525	1724.	44.	14.	758.7	31.0	1
1534	10	368	37.0222	88.8791	-766.0		QL	8.74	1.08	1.47	0.0	0.0	5.949	1711.	42.	14.	760.2	31.0	1
1535	0	360	37.0222	88.8784	-767.5		QL	7.36	2.21	1.36	0.300	1.627	5.423	1753.	48.	14.	759.2	31.0	1
1536	0	360	37.0222	88.8777	-761.2		QAL	8.77	1.55	1.39	0.177	1.113	6.289	1793.	39.	15.	759.2	31.0	1
1537	0	364	37.0222	88.8770	-760.7		QAL	8.57	1.50	1.50	0.175	0.997	5.700	1744.	51.	11.	759.7	31.0	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1538	10	368	37.0223	88.8763	-761.5		QAL	8.77	1.46	1.39	0.0	0.0	6.309	1758.	45.	10.	758.7	31.0	1
1539	0	372	37.0223	88.8755	-757.7		QAL	7.33	4.23	1.13	0.577	3.736	6.476	1834.	36.	8.	759.7	31.0	1
1540	0	380	37.0223	88.8748	-757.2		QAL	7.46	1.62	1.18	0.218	1.377	6.328	1598.	43.	11.	759.7	31.0	1
1541	0	380	37.0223	88.8741	-754.2		QL	6.25	2.80	1.21	0.448	2.309	5.151	1634.	31.	9.	757.6	31.0	1
1542	10	360	37.0223	88.8734	-749.0		QL	7.29	0.44	1.29	0.0	0.0	5.654	1461.	43.	10.	759.7	31.0	1
1543	0	316	37.0223	88.8727	-744.7		QL	5.86	2.36	0.94	0.403	2.498	6.207	1383.	42.	7.	759.7	30.9	1
1544	0	308	37.0223	88.8720	-741.0		QL	7.55	1.54	1.03	0.204	1.489	7.311	1386.	38.	4.	758.7	30.9	1
1545	0	304	37.0223	88.8713	-742.7		QL	5.18	3.76	1.01	0.725	3.711	5.117	1462.	40.	0.	760.7	30.9	1
1546	0	328	37.0223	88.8706	-743.2		QL	7.53	3.65	1.06	0.484	3.447	7.120	1522.	37.	0.	760.7	30.9	1
1547	0	356	37.0223	88.8699	-738.0		QL	9.21	2.68	1.26	0.291	2.120	7.280	1704.	37.	4.	758.7	30.9	1
1548	0	352	37.0223	88.8692	-735.0		QL	9.00	3.08	1.42	0.342	2.170	6.345	1639.	43.	1.	759.7	30.9	1
1549	0	348	37.0224	88.8685	-736.0		QL	8.76	3.19	1.04	0.364	3.076	8.452	1726.	39.	4.	760.2	30.9	1
1550	0	348	37.0224	88.8678	-734.2		QL	7.57	3.95	1.28	0.522	3.090	5.919	1742.	31.	5.	758.1	30.9	1
1551	0	336	37.0224	88.8671	-729.5		QL	6.85	2.71	0.86	0.395	3.133	7.924	1521.	47.	9.	759.2	30.9	1
1552	0	332	37.0224	88.8663	-727.5		QL	8.67	2.60	0.94	0.299	2.762	9.225	1644.	43.	9.	760.2	30.9	1
1553	10	344	37.0224	88.8656	-729.0		QL	6.17	0.85	1.43	0.0	0.0	4.325	1592.	36.	17.	758.7	30.9	1
1554	0	348	37.0224	88.8649	-720.2		QL	7.32	1.97	1.36	0.269	1.447	5.384	1680.	37.	12.	758.7	30.8	1
1555	10	348	37.0224	88.8642	-716.2		QL	8.36	1.29	1.24	0.0	0.0	6.731	1644.	33.	10.	759.7	30.9	1
1556	0	348	37.0224	88.8635	-721.2		QL	8.01	2.30	1.01	0.287	2.274	7.911	1583.	39.	11.	758.7	31.0	1
1557	0	356	37.0224	88.8627	-719.2		QL	7.72	3.03	1.26	0.393	2.409	6.129	1723.	48.	3.	758.7	31.0	1
1558	0	356	37.0224	88.8620	-714.5		QL	9.18	2.17	1.22	0.237	1.783	7.534	1649.	55.	8.	760.7	31.1	1
1559	10	352	37.0224	88.8613	-709.0		QL	8.69	1.06	1.12	0.0	0.0	7.733	1691.	42.	9.	759.7	31.1	1
1560	0	352	37.0224	88.8606	-707.0		QL	7.49	4.84	1.21	0.647	4.014	6.208	1730.	42.	6.	758.7	31.1	1
1561	0	352	37.0225	88.8599	-707.2		QL	8.87	2.46	1.16	0.277	2.112	7.622	1608.	40.	3.	760.2	31.0	1
1562	10	352	37.0225	88.8591	-708.0		QL	8.86	0.99	1.53	0.0	0.0	5.776	1680.	48.	7.	760.2	31.0	1
1563	0	360	37.0225	88.8584	-707.5		QL	7.16	3.72	1.12	0.519	3.325	6.406	1724.	45.	6.	758.1	31.0	1
1564	0	368	37.0225	88.8577	-704.7		QL	6.65	2.52	1.30	0.378	1.939	5.123	1776.	34.	9.	758.7	31.0	1
1565	10	364	37.0225	88.8570	-697.5		QL	11.45	0.86	1.33	0.0	0.0	8.625	1841.	32.	9.	759.7	31.0	1
1566	0	352	37.0225	88.8563	-696.5		QL	7.38	1.89	1.28	0.256	1.480	5.775	1726.	36.	12.	758.7	31.0	1
1567	0	360	37.0225	88.8556	-694.7		QL	9.18	3.31	1.00	0.361	3.311	9.175	1746.	39.	6.	757.6	31.0	1
1568	0	364	37.0225	88.8549	-693.0		QL	8.84	1.53	1.26	0.173	1.214	7.038	1740.	46.	10.	759.7	31.0	1
1569	0	364	37.0225	88.8542	-691.5		QL	9.64	1.98	1.07	0.205	1.855	9.026	1688.	40.	7.	759.7	31.0	1
1570	0	360	37.0225	88.8535	-685.2		QL	9.51	2.75	1.32	0.289	2.077	7.192	1811.	39.	6.	758.7	31.0	1
1571	0	356	37.0225	88.8528	-683.7		QL	9.25	1.80	1.23	0.195	1.461	7.496	1672.	42.	1.	758.7	31.0	1
1572	0	352	37.0225	88.8521	-685.5		QL	5.64	3.89	1.02	0.690	3.810	5.518	1706.	44.	5.	759.7	31.0	1
1573	0	356	37.0226	88.8514	-682.7		QL	5.47	4.71	1.07	0.861	4.387	5.097	1697.	47.	4.	758.7	31.0	1
1574	0	360	37.0226	88.8507	-678.7		QL	7.36	4.35	1.08	0.591	4.016	6.793	1646.	54.	1.	757.6	30.9	1
1575	0	364	37.0226	88.8500	-677.7		QL	6.09	3.55	1.22	0.583	2.905	4.982	1604.	34.	1.	758.7	30.9	1
1576	0	368	37.0226	88.8492	-675.5		QL	7.66	2.88	0.99	0.376	2.899	7.716	1610.	39.	4.	759.7	30.9	1
1577	0	372	37.0226	88.8485	-676.7		QL	6.86	3.19	0.92	0.465	3.479	7.489	1549.	50.	3.	758.7	30.9	1
1578	0	320	37.0226	88.8478	-672.7		QL	4.93	1.49	1.17	0.303	1.275	4.209	1469.	41.	5.	757.6	30.8	1
1579	0	332	37.0226	88.8471	-668.0		QL	10.24	1.64	1.02	0.160	1.599	9.994	1510.	46.	3.	758.7	30.9	1
1580	0	368	37.0226	88.8464	-668.5		QL	7.92	2.17	1.17	0.274	1.864	6.795	1688.	41.	5.	759.7	30.8	1
1581	0	368	37.0226	88.8457	-669.0		QL	7.01	2.22	1.30	0.316	1.712	5.412	1658.	34.	7.	759.7	30.8	1
1582	0	356	37.0226	88.8449	-662.5		QL	7.18	3.87	0.96	0.539	4.049	7.513	1643.	48.	6.	758.7	30.8	1
1583	0	348	37.0226	88.8442	-660.0		QL	6.48	2.78	1.21	0.429	2.293	5.340	1688.	31.	6.	758.7	30.8	1
1584	0	348	37.0226	88.8435	-662.7		QL	9.10	3.29	1.25	0.362	2.638	7.295	1728.	34.	8.	759.7	30.9	1
1585	0	344	37.0227	88.8428	-660.2		QL	9.53	2.48	1.22	0.260	2.026	7.784	1702.	45.	8.	759.7	30.9	1
1586	0	340	37.0227	88.8420	-654.7		QL	8.63	2.84	1.02	0.329	2.768	8.423	1714.	36.	5.	759.7	30.9	1
1587	0	336	37.0227	88.8413	-650.5		QL	7.89	1.94	1.18	0.246	1.646	6.683	1629.	45.	9.	758.7	30.8	1
1588	10	336	37.0227	88.8406	-649.5		QL	7.99	0.89	1.17	0.0	0.0	6.847	1581.	46.	8.	758.7	30.9	1
1589	0	340	37.0227	88.8399	-651.7		QL	6.07	3.43	1.00	0.565	3.444	6.092	1699.	43.	8.	758.7	30.8	1
1590	0	348	37.0227	88.8392	-650.5		QL	8.07	2.22	1.52	0.275	1.455	5.298	1672.	36.	7.	759.7	30.8	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1591	10	348	37.0227	88.8385	-646.0	QL	11.37	1.30	1.31	0.0	0.0	8.651	1740.	41.	10.	759.7	30.9	1
1592	0	352	37.0227	88.8378	-645.0	QL	9.51	2.32	1.16	0.243	1.996	8.198	1722.	40.	7.	758.7	30.8	1
1593	10	352	37.0227	88.8371	-642.2	QL	8.67	1.35	1.40	0.0	0.0	6.195	1746.	35.	8.	758.7	30.8	1
1594	0	356	37.0227	88.8364	-639.7	QL	9.44	2.33	1.31	0.247	1.775	7.184	1727.	46.	7.	759.2	30.8	1
1595	0	352	37.0227	88.8357	-641.5	QL	6.72	3.63	1.20	0.541	3.037	5.617	1686.	40.	6.	759.2	30.8	1
1596	10	352	37.0228	88.8350	-638.0	QL	8.96	1.18	1.25	0.0	0.0	7.174	1682.	33.	7.	760.2	30.9	1
1597	0	356	37.0228	88.8343	-633.2	QL	7.88	2.58	1.24	0.328	2.078	6.338	1640.	47.	5.	760.2	30.9	1
1598	0	356	37.0228	88.8336	-632.5	QL	7.00	3.92	1.10	0.560	3.558	6.358	1751.	29.	6.	758.7	30.9	1
1599	0	360	37.0228	88.8328	-632.2	QL	9.93	2.75	0.99	0.277	2.783	10.061	1722.	43.	5.	757.6	30.8	1
1600	0	356	37.0228	88.8321	-633.0	QL	9.17	3.70	1.08	0.404	3.439	8.514	1685.	34.	4.	758.7	30.9	1
1601	0	360	37.0228	88.8314	-629.0	QL	7.40	3.60	1.39	0.487	2.594	5.324	1743.	38.	6.	759.2	30.8	1
1602	0	356	37.0228	88.8307	-626.5	QAL	8.88	3.07	1.61	0.345	1.908	5.526	1789.	34.	3.	759.2	30.9	1
1603	0	360	37.0228	88.8300	-629.5	QAL	8.57	3.25	1.27	0.379	2.557	6.747	1779.	45.	5.	759.7	30.9	1
1604	0	368	37.0228	88.8292	-627.5	QL	8.90	3.61	1.20	0.406	3.006	7.402	1733.	38.	8.	759.7	30.9	1
1605	0	372	37.0228	88.8286	-624.5	QL	6.53	2.37	1.15	0.363	2.069	5.697	1526.	41.	7.	758.7	31.0	1
1606	0	400	37.0228	88.8278	-624.5	QL	8.18	2.07	1.12	0.253	1.846	7.289	1536.	49.	9.	757.6	31.0	1
1607	0	416	37.0228	88.8271	-623.0	QL	8.58	1.66	1.32	0.194	1.256	6.481	1515.	29.	13.	758.7	31.0	1
1608	10	380	37.0229	88.8264	-625.0	QL	5.06	0.87	1.12	0.0	0.0	4.507	1388.	46.	10.	758.7	31.0	1
1609	10	384	37.0229	88.8257	-623.0	QL	6.79	1.32	1.04	0.0	0.0	6.520	1505.	24.	12.	758.7	31.0	1
1610	0	384	37.0229	88.8249	-619.5	QL	5.33	2.43	1.17	0.456	2.073	4.548	1477.	50.	11.	758.7	31.0	1
1611	0	384	37.0229	88.8242	-622.7	QL	6.91	2.05	1.01	0.297	2.037	6.864	1512.	44.	10.	757.6	30.9	1
1612	0	388	37.0229	88.8235	-619.5	QL	8.29	2.49	0.92	0.301	2.702	8.986	1414.	43.	11.	757.1	30.9	1
1613	10	376	37.0229	88.8228	-614.0	QL	6.50	0.99	0.90	0.0	0.0	7.194	1460.	44.	9.	758.1	30.9	1
1614	10	360	37.0229	88.8221	-611.0	QL	6.07	0.77	1.19	0.0	0.0	5.100	1449.	41.	14.	758.7	30.9	1
1615	0	360	37.0229	88.8214	-610.7	QL	6.99	1.55	0.95	0.221	1.621	7.331	1543.	41.	13.	758.7	30.9	1
1616	0	360	37.0229	88.8207	-612.7	QL	4.81	1.39	1.08	0.289	1.289	4.454	1452.	48.	15.	759.7	31.0	1
1617	10	344	37.0229	88.8200	-610.5	QL	7.47	1.16	1.20	0.0	0.0	6.224	1615.	28.	16.	758.7	30.9	1
1618	0	396	37.0229	88.8192	-610.0	QL	5.64	2.22	1.41	0.393	1.567	3.988	1672.	46.	18.	756.6	30.9	1
1619	0	404	37.0229	88.8186	-610.2	QL	6.18	2.89	1.21	0.468	2.398	5.121	1647.	36.	17.	756.6	30.9	1
1620	0	388	37.0230	88.8179	-607.2	QL	6.97	2.47	1.18	0.355	2.093	5.899	1623.	39.	15.	757.6	30.8	1
1621	0	404	37.0230	88.8172	-604.2	QL	6.08	1.93	1.35	0.318	1.436	4.517	1607.	49.	14.	758.7	30.8	1
1622	10	420	37.0230	88.8164	-605.7	QL	9.59	1.32	1.26	0.0	0.0	7.586	1634.	41.	12.	759.2	30.8	1
1623	10	420	37.0230	88.8157	-603.7	QL	6.63	1.33	1.22	0.0	0.0	5.428	1555.	44.	9.	759.2	30.8	1
1624	0	408	37.0230	88.8150	-601.5	QL	9.84	1.79	1.05	0.182	1.700	9.355	1694.	50.	9.	759.2	30.8	1
1625	0	396	37.0230	88.8143	-601.7	QL	8.39	2.65	1.09	0.316	2.431	7.687	1741.	35.	10.	758.1	30.8	1
1626	0	388	37.0230	88.8136	-602.5	QTC-2	10.09	2.46	1.48	0.244	1.663	6.814	1775.	31.	6.	757.6	30.8	1
1627	0	380	37.0230	88.8129	-604.0	QTC-2	6.98	3.16	1.18	0.452	2.684	5.936	1678.	40.	10.	757.6	30.8	1
1628	0	372	37.0230	88.8122	-601.2	QTC-2	7.76	1.70	1.37	0.220	1.244	5.662	1677.	44.	8.	757.6	30.8	1
1629	0	356	37.0230	88.8114	-599.7	QTC-2	10.40	1.73	1.36	0.166	1.269	7.647	1618.	42.	6.	757.6	30.8	1
1630	0	364	37.0230	88.8107	-597.0	QTC-2	9.54	1.78	1.42	0.187	1.254	6.709	1658.	43.	9.	758.7	30.8	1
1631	0	364	37.0230	88.8100	-593.2	QTC-2	7.76	2.69	1.37	0.347	1.962	5.649	1719.	48.	9.	758.7	30.8	1
1632	0	368	37.0231	88.8093	-596.7	QTC-2	9.24	2.25	1.02	0.244	2.203	9.039	1686.	39.	11.	758.7	30.8	1
1633	0	372	37.0231	88.8085	-598.7	QTC-2	9.32	2.24	1.30	0.240	1.729	7.190	1763.	39.	10.	759.7	30.8	1
1634	0	368	37.0231	88.8078	-594.7	QTC-2	7.64	2.81	1.09	0.368	2.582	7.008	1778.	46.	12.	759.7	30.8	1
1635	10	368	37.0231	88.8071	-594.5	QTC-2	9.51	0.23	1.42	0.0	0.0	6.716	1820.	35.	13.	758.7	30.8	1
1636	0	360	37.0231	88.8064	-594.5	QTC-2	8.99	2.34	1.22	0.261	1.920	7.368	1821.	37.	14.	759.7	30.9	1
1637	0	364	37.0231	88.8057	-592.0	QTC-2	6.97	2.30	1.29	0.330	1.777	5.383	1815.	39.	14.	759.7	30.9	1
1638	0	368	37.0232	88.8050	-592.7	QTC-1	10.75	2.84	1.17	0.264	2.419	9.161	1730.	52.	11.	759.7	30.9	1
1639	0	368	37.0232	88.8043	-593.2	QAL	7.12	3.19	1.26	0.448	2.540	5.667	1777.	36.	12.	759.7	30.8	1
1640	0	372	37.0232	88.8036	-592.7	QAL	7.54	3.53	0.97	0.469	3.632	7.745	1679.	50.	10.	759.7	30.8	1
1641	0	376	37.0232	88.8029	-592.5	QAL	6.79	2.88	1.33	0.424	2.158	5.083	1662.	36.	8.	758.7	30.8	1
1642	0	396	37.0231	88.8021	-592.0	QTC-1	6.46	3.39	1.25	0.525	2.711	5.167	1738.	36.	7.	758.7	30.8	1
1643	0	404	37.0231	88.8015	-590.5	QTC-1	6.50	2.97	1.24	0.457	2.401	5.250	1617.	41.	3.	758.7	30.8	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1644	0	360	37.0232	88.8008	-590.0	QTC-1	6.35	1.95	0.88	0.308	2.222	7.216	1423.	48.	3.	758.7	30.8	1
1645	0	396	37.0232	88.8000	-590.5	QTC-1	8.21	2.31	1.26	0.282	1.840	6.529	1684.	37.	0.	758.7	30.8	1
1646	0	360	37.0232	88.7993	-596.0	QTC-1	8.19	3.40	1.25	0.415	2.719	6.552	1644.	44.	0.	758.7	30.8	1
1647	0	368	37.0232	88.7986	-594.5	QTC-2	8.50	4.69	1.25	0.552	3.751	6.793	1782.	45.	1.	758.7	30.8	1
1648	0	376	37.0232	88.7979	-588.0	QTC-2	7.94	3.33	1.37	0.420	2.439	5.811	1743.	47.	3.	758.7	30.8	1
1649	10	368	37.0232	88.7972	-589.2	QTC-2	10.35	0.87	1.40	0.0	0.0	7.378	1754.	39.	5.	758.7	30.7	1
1650	0	360	37.0232	88.7965	-593.7	QTC-2	9.10	4.32	1.47	0.475	2.930	6.168	1819.	43.	5.	758.7	30.5	1
1651	0	356	37.0232	88.7958	-592.0	QTC-2	8.08	3.67	1.48	0.454	2.480	5.460	1886.	39.	7.	758.7	30.7	1
1652	0	356	37.0232	88.7951	-590.5	QL	9.49	4.71	1.30	0.496	3.619	7.289	1813.	36.	10.	758.7	30.7	1
1653	0	356	37.0232	88.7944	-590.5	QL	9.00	1.88	1.24	0.209	1.516	7.246	1744.	31.	13.	759.7	30.6	1
1654	0	364	37.0232	88.7937	-590.2	QL	6.31	3.56	1.06	0.564	3.344	5.930	1682.	43.	15.	759.7	30.7	1
1655	0	372	37.0232	88.7930	-594.0	QL	9.64	1.73	1.25	0.179	1.380	7.703	1750.	35.	11.	759.7	30.7	1
1656	111	360	37.0232	88.7923	-594.0	QL	10.29	2.95	0.87	0.0	0.0	0.0	1689.	36.	10.	758.7	30.6	1
1657	0	360	37.0232	88.7915	-588.7	QL	8.00	3.06	1.17	0.382	2.622	6.864	1716.	34.	13.	758.7	30.7	1
1658	0	364	37.0232	88.7909	-590.5	QL	6.51	4.23	0.90	0.650	4.716	7.255	1616.	36.	11.	759.2	30.8	1
1659	0	364	37.0232	88.7902	-591.5	QTC-1	7.51	2.66	1.23	0.355	2.161	6.094	1658.	39.	12.	759.2	30.8	1
1660	0	348	37.0232	88.7895	-593.0	QTC-1	6.98	2.85	1.03	0.409	2.761	6.751	1572.	46.	8.	758.1	30.8	1
1661	0	352	37.0232	88.7888	-597.2	QTC-1	6.85	2.13	1.22	0.311	1.750	5.633	1611.	42.	12.	759.2	30.8	1
1662	0	376	37.0232	88.7880	-597.5	QTC-1	6.61	2.75	1.00	0.415	2.744	6.607	1655.	44.	6.	759.2	30.8	1
1663	0	396	37.0232	88.7873	-589.7	QTC-1	6.14	3.18	1.18	0.519	2.699	5.203	1739.	43.	11.	759.2	30.8	1
1664	10	400	37.0232	88.7866	-592.0	QTC-1	9.36	0.20	1.34	0.0	0.0	6.999	1611.	41.	12.	759.2	30.8	1
1665	10	408	37.0232	88.7859	-594.2	QAL	8.68	0.84	1.07	0.0	0.0	8.140	1635.	31.	9.	759.2	30.8	1
1666	10	420	37.0232	88.7852	-592.0	QAL	8.98	1.65	1.18	0.0	0.0	7.627	1646.	39.	13.	758.7	30.8	1
1667	0	428	37.0232	88.7845	-592.2	QTC-1	7.43	2.30	1.11	0.309	2.068	6.689	1620.	40.	11.	758.7	30.8	1
1668	0	416	37.0232	88.7838	-595.0	QTC-1	8.15	2.01	1.36	0.247	1.481	5.998	1558.	34.	8.	758.7	30.8	1
1669	0	428	37.0232	88.7831	-594.5	QTC-1	6.86	2.91	1.14	0.424	2.549	6.006	1629.	35.	7.	758.7	30.8	1
1670	0	420	37.0232	88.7824	-596.2	QTC-1	7.95	3.51	1.28	0.442	2.752	6.233	1726.	40.	6.	758.7	30.7	1
1671	0	404	37.0232	88.7817	-598.7	QL	7.32	2.78	1.05	0.380	2.646	6.964	1546.	50.	5.	759.7	30.6	1
1672	10	400	37.0232	88.7810	-597.5	QL	6.90	1.26	1.37	0.0	0.0	5.028	1696.	39.	8.	759.7	30.6	1
1673	10	396	37.0232	88.7803	-596.7	QL	8.54	1.19	1.28	0.0	0.0	6.694	1675.	41.	8.	758.7	30.6	1
1674	0	388	37.0232	88.7796	-596.7	QL	6.77	3.30	0.95	0.487	3.466	7.120	1648.	52.	7.	758.7	30.6	1
1675	0	380	37.0232	88.7789	-597.0	QL	6.53	2.10	1.05	0.322	2.004	6.228	1669.	32.	9.	759.7	30.5	1
1676	0	376	37.0232	88.7782	-596.0	QL	6.87	3.40	1.03	0.495	3.306	6.673	1559.	54.	6.	758.7	30.6	1
1677	0	376	37.0232	88.7775	-595.2	QTC-1	5.90	2.29	1.12	0.387	2.033	5.253	1496.	42.	9.	758.7	30.5	1
1678	0	376	37.0232	88.7767	-597.2	QTC-1	8.48	2.21	0.83	0.260	2.650	10.181	1548.	43.	9.	760.2	30.5	1
1679	10	372	37.0232	88.7760	-596.7	QTC-1	8.10	0.65	1.01	0.0	0.0	8.009	1462.	36.	9.	760.2	30.5	1
1680	10	364	37.0232	88.7754	-594.5	QTC-1	7.26	1.23	0.95	0.0	0.0	7.653	1506.	35.	11.	759.2	30.5	1
1681	0	368	37.0232	88.7746	-595.0	QL	7.46	2.78	0.95	0.373	2.925	7.844	1535.	49.	4.	758.1	30.5	1
1682	0	372	37.0232	88.7739	-598.0	QL	7.65	2.67	1.19	0.349	2.247	6.439	1641.	41.	11.	759.2	30.5	1
1683	0	368	37.0232	88.7732	-598.2	QL	7.93	3.57	1.10	0.450	3.240	7.205	1671.	35.	6.	759.7	30.5	1
1684	0	364	37.0232	88.7725	-597.7	QL	8.29	2.53	1.27	0.305	1.987	6.522	1753.	44.	7.	759.7	30.5	1
1685	0	368	37.0232	88.7718	-598.2	QL	8.21	3.37	0.86	0.410	3.912	9.529	1589.	41.	3.	759.7	30.5	1
1686	0	368	37.0232	88.7711	-601.5	QL	8.43	3.60	1.22	0.427	2.949	6.904	1732.	47.	1.	758.7	30.5	1
1687	0	368	37.0232	88.7704	-603.2	QTC-2	8.60	3.79	1.23	0.441	3.077	6.984	1799.	34.	4.	758.7	30.5	1
1688	0	360	37.0232	88.7697	-601.5	QTC-2	9.05	1.88	1.46	0.208	1.288	6.189	1752.	55.	2.	758.7	30.5	1
1689	0	364	37.0232	88.7690	-597.2	QTC-2	8.24	2.61	1.55	0.317	1.682	5.307	1769.	48.	4.	758.7	30.5	1
1690	0	356	37.0232	88.7683	-602.0	QTC-2	10.45	2.40	1.07	0.230	2.238	9.750	1751.	37.	1.	758.7	30.5	1
1691	0	360	37.0231	88.7675	-604.5	QTC-2	9.52	3.17	1.07	0.333	2.972	8.929	1790.	54.	1.	758.7	30.5	1
1692	0	360	37.0231	88.7669	-600.2	QTC-2	7.99	2.35	1.41	0.295	1.669	5.667	1755.	33.	6.	758.7	30.5	1
1693	0	364	37.0231	88.7661	-602.2	QTC-2	7.62	2.84	1.29	0.373	2.202	5.906	1745.	53.	8.	758.7	30.5	1
1694	0	372	37.0231	88.7655	-604.5	QTC-2	9.04	1.96	1.56	0.217	1.256	5.786	1758.	45.	7.	758.7	30.5	1
1695	0	376	37.0231	88.7648	-601.5	QTC-1	9.71	2.55	1.18	0.262	2.153	8.216	1782.	37.	9.	758.7	30.5	1
1696	0	368	37.0231	88.7641	-604.7	QTC-2	8.27	1.76	1.42	0.213	1.241	5.836	1824.	32.	12.	758.7	30.5	1

FLIGHT LINE 8 2280 ...A01 FLIGHT LINE 10 1 ...M05 FLIGHT LINE 11 478 ...L10 FLIGHT LINE 12 902 ...K15
FLIGHT LINE 8 2333 ...B01 FLIGHT LINE 10 54 ...A06 FLIGHT LINE 11 531 ...M10 FLIGHT LINE 12 955 ...L15
FLIGHT LINE 8 2386 ...C01 FLIGHT LINE 10 107 ...B06 FLIGHT LINE 11 584 ...A11 FLIGHT LINE 12 1008 ...M15
FLIGHT LINE 8 2439 ...D01 FLIGHT LINE 10 160 ...C06 FLIGHT LINE 11 637 ...B11 FLIGHT LINE 12 1061 ...A16
FLIGHT LINE 8 2492 ...E01 FLIGHT LINE 10 213 ...D06 FLIGHT LINE 11 690 ...C11 FLIGHT LINE 12 1114 ...B16
FLIGHT LINE 8 2545 ...F01 FLIGHT LINE 10 266 ...E06 FLIGHT LINE 11 743 ...D11 FLIGHT LINE 12 1167 ...C16
FLIGHT LINE 8 2598 ...G01 FLIGHT LINE 10 319 ...F06 FLIGHT LINE 11 796 ...E11 FLIGHT LINE 12 1220 ...D16
FLIGHT LINE 8 2651 ...H01 FLIGHT LINE 10 372 ...G06 FLIGHT LINE 11 849 ...F11 FLIGHT LINE 12 1273 ...E16
FLIGHT LINE 8 2704 ...I01 FLIGHT LINE 10 425 ...H06 FLIGHT LINE 11 902 ...G11 FLIGHT LINE 12 1326 ...F16
FLIGHT LINE 8 2757 ...J01 FLIGHT LINE 10 478 ...I06 FLIGHT LINE 11 955 ...H11 FLIGHT LINE 12 1379 ...G16
FLIGHT LINE 8 2810 ...K01 FLIGHT LINE 10 531 ...J06 FLIGHT LINE 11 1008 ...I11 FLIGHT LINE 12 1432 ...H16
FLIGHT LINE 8 2863 ...L01 FLIGHT LINE 10 584 ...K06 FLIGHT LINE 11 1061 ...J11 FLIGHT LINE 12 1485 ...I16
FLIGHT LINE 9 1 ...M01 FLIGHT LINE 10 637 ...L06 FLIGHT LINE 11 1114 ...K11 FLIGHT LINE 12 1538 ...J16
FLIGHT LINE 9 54 ...A02 FLIGHT LINE 10 690 ...M06 FLIGHT LINE 11 1167 ...L11 FLIGHT LINE 12 1591 ...K16
FLIGHT LINE 9 107 ...B02 FLIGHT LINE 10 743 ...A07 FLIGHT LINE 11 1220 ...M11 FLIGHT LINE 12 1644 ...L16
FLIGHT LINE 9 160 ...C02 FLIGHT LINE 10 796 ...B07 FLIGHT LINE 11 1273 ...A12
FLIGHT LINE 9 213 ...D02 FLIGHT LINE 10 849 ...C07 FLIGHT LINE 11 1326 ...B12
FLIGHT LINE 9 266 ...E02 FLIGHT LINE 10 902 ...D07 FLIGHT LINE 11 1379 ...C12
FLIGHT LINE 9 319 ...F02 FLIGHT LINE 10 955 ...E07 FLIGHT LINE 11 1432 ...D12
FLIGHT LINE 9 372 ...G02 FLIGHT LINE 10 1008 ...F07 FLIGHT LINE 11 1485 ...E12
FLIGHT LINE 9 425 ...H02 FLIGHT LINE 10 1061 ...G07 FLIGHT LINE 11 1538 ...F12
FLIGHT LINE 9 478 ...I02 FLIGHT LINE 10 1114 ...H07 FLIGHT LINE 11 1591 ...G12
FLIGHT LINE 9 531 ...J02 FLIGHT LINE 10 1167 ...I07 FLIGHT LINE 11 1644 ...H12
FLIGHT LINE 9 584 ...K02 FLIGHT LINE 10 1220 ...J07 FLIGHT LINE 11 1697 ...I12
FLIGHT LINE 9 637 ...L02 FLIGHT LINE 10 1273 ...K07 FLIGHT LINE 11 1750 ...J12
FLIGHT LINE 9 690 ...M02 FLIGHT LINE 10 1326 ...L07 FLIGHT LINE 11 1803 ...K12
FLIGHT LINE 9 743 ...A03 FLIGHT LINE 10 1379 ...M07 FLIGHT LINE 11 1856 ...L12
FLIGHT LINE 9 796 ...B03 FLIGHT LINE 10 1432 ...A08 FLIGHT LINE 11 1909 ...M12
FLIGHT LINE 9 849 ...C03 FLIGHT LINE 10 1485 ...B08 FLIGHT LINE 11 1962 ...A13
FLIGHT LINE 9 902 ...D03 FLIGHT LINE 10 1538 ...C08 FLIGHT LINE 11 2015 ...B13
FLIGHT LINE 9 955 ...E03 FLIGHT LINE 10 1591 ...D08 FLIGHT LINE 11 2068 ...C13
FLIGHT LINE 9 1008 ...F03 FLIGHT LINE 10 1644 ...E08 FLIGHT LINE 11 2121 ...D13
FLIGHT LINE 9 1061 ...G03 FLIGHT LINE 10 1697 ...F08 FLIGHT LINE 11 2174 ...E13
FLIGHT LINE 9 1114 ...H03 FLIGHT LINE 10 1750 ...G08 FLIGHT LINE 11 2227 ...F13
FLIGHT LINE 9 1167 ...I03 FLIGHT LINE 10 1803 ...H08 FLIGHT LINE 11 2280 ...G13
FLIGHT LINE 9 1220 ...J03 FLIGHT LINE 10 1856 ...I08 FLIGHT LINE 11 2333 ...H13
FLIGHT LINE 9 1273 ...K03 FLIGHT LINE 10 1909 ...J08 FLIGHT LINE 11 2386 ...I13
FLIGHT LINE 9 1326 ...L03 FLIGHT LINE 10 1962 ...K08 FLIGHT LINE 11 2439 ...J13
FLIGHT LINE 9 1379 ...M03 FLIGHT LINE 10 2015 ...L08 FLIGHT LINE 11 2492 ...K13
FLIGHT LINE 9 1432 ...A04 FLIGHT LINE 10 2068 ...M08 FLIGHT LINE 11 2545 ...L13
FLIGHT LINE 9 1485 ...B04 FLIGHT LINE 10 2121 ...A09 FLIGHT LINE 11 2598 ...M13
FLIGHT LINE 9 1538 ...C04 FLIGHT LINE 10 2174 ...B09 FLIGHT LINE 11 2651 ...A14
FLIGHT LINE 9 1591 ...D04 FLIGHT LINE 10 2227 ...C09 FLIGHT LINE 11 2704 ...B14
FLIGHT LINE 9 1644 ...E04 FLIGHT LINE 10 2280 ...D09 FLIGHT LINE 11 2757 ...C14
FLIGHT LINE 9 1697 ...F04 FLIGHT LINE 10 2333 ...E09 FLIGHT LINE 11 2810 ...D14
FLIGHT LINE 9 1750 ...G04 FLIGHT LINE 10 2386 ...F09 FLIGHT LINE 11 2863 ...E14
FLIGHT LINE 9 1803 ...H04 FLIGHT LINE 10 2439 ...G09 FLIGHT LINE 11 2916 ...F14
FLIGHT LINE 9 1856 ...I04 FLIGHT LINE 10 2492 ...H09 FLIGHT LINE 12 1 ...G14
FLIGHT LINE 9 1909 ...J04 FLIGHT LINE 10 2545 ...I09 FLIGHT LINE 12 54 ...H14
FLIGHT LINE 9 1962 ...K04 FLIGHT LINE 10 2598 ...J09 FLIGHT LINE 12 107 ...I14
FLIGHT LINE 9 2015 ...L04 FLIGHT LINE 10 2651 ...K09 FLIGHT LINE 12 160 ...J14
FLIGHT LINE 9 2068 ...M04 FLIGHT LINE 10 2704 ...L09 FLIGHT LINE 12 213 ...K14
FLIGHT LINE 9 2121 ...A05 FLIGHT LINE 10 2757 ...M09 FLIGHT LINE 12 266 ...L14
FLIGHT LINE 9 2174 ...B05 FLIGHT LINE 10 2810 ...A10 FLIGHT LINE 12 319 ...M14
FLIGHT LINE 9 2227 ...C05 FLIGHT LINE 10 2863 ...B10 FLIGHT LINE 12 372 ...A15
FLIGHT LINE 9 2280 ...D05 FLIGHT LINE 11 1 ...C10 FLIGHT LINE 12 425 ...B15
FLIGHT LINE 9 2333 ...E05 FLIGHT LINE 11 54 ...D10 FLIGHT LINE 12 478 ...C15
FLIGHT LINE 9 2386 ...F05 FLIGHT LINE 11 107 ...E10 FLIGHT LINE 12 531 ...D15
FLIGHT LINE 9 2439 ...G05 FLIGHT LINE 11 160 ...F10 FLIGHT LINE 12 584 ...E15
FLIGHT LINE 9 2492 ...H05 FLIGHT LINE 11 213 ...G10 FLIGHT LINE 12 637 ...F15
FLIGHT LINE 9 2545 ...I05 FLIGHT LINE 11 266 ...H10 FLIGHT LINE 12 690 ...G15
FLIGHT LINE 9 2598 ...J05 FLIGHT LINE 11 319 ...I10 FLIGHT LINE 12 743 ...H15
FLIGHT LINE 9 2651 ...K05 FLIGHT LINE 11 372 ...J10 FLIGHT LINE 12 796 ...I15
FLIGHT LINE 9 2704 ...L05 FLIGHT LINE 11 425 ...K10 FLIGHT LINE 12 849 ...J15

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1697	0	364	37.0231	88.7634	-606.7	QTC-2	8.84	3.81	1.10	0.431	3.471	8.061	1799.	33.	10.	759.7	30.5	1
1698	0	348	37.0231	88.7626	-602.2	QTC-2	5.76	2.92	1.16	0.506	2.516	4.971	1590.	50.	11.	759.7	30.5	1
1699	10	356	37.0231	88.7619	-605.5	QTC-2	9.66	1.24	1.24	0.0	0.0	7.803	1606.	44.	15.	759.7	30.5	1
1700	10	388	37.0231	88.7612	-607.7	QTC-2	10.85	0.87	1.28	0.0	0.0	8.487	1732.	31.	13.	759.7	30.5	1
1701	10	380	37.0231	88.7605	-602.7	QTC-2	10.60	1.13	0.95	0.0	0.0	11.161	1695.	35.	16.	760.2	30.5	1
1702	10	380	37.0231	88.7598	-603.5	QL	8.09	1.43	1.32	0.0	0.0	6.121	1714.	29.	16.	760.2	30.5	1
1703	10	380	37.0231	88.7591	-604.5	QL	8.30	1.40	1.18	0.0	0.0	7.042	1710.	37.	16.	760.2	30.5	1
1704	0	380	37.0231	88.7584	-601.5	QL	8.44	1.90	1.20	0.225	1.575	7.011	1655.	54.	16.	760.2	30.6	1
1705	0	376	37.0231	88.7577	-603.2	QL	8.62	2.51	1.36	0.291	1.839	6.315	1759.	32.	13.	759.7	30.5	1
1706	0	392	37.0231	88.7570	-607.5	QL	8.48	2.48	1.37	0.293	1.804	6.165	1723.	34.	7.	758.7	30.5	1
1707	0	396	37.0231	88.7562	-607.5	QL	7.57	1.84	1.20	0.244	1.530	6.282	1694.	43.	8.	758.7	30.4	1
1708	0	396	37.0231	88.7556	-608.7	QL	8.22	1.73	1.28	0.211	1.351	6.404	1686.	54.	7.	757.6	30.5	1
1709	0	404	37.0231	88.7549	-608.0	QL	6.51	3.14	1.39	0.482	2.255	4.681	1695.	48.	4.	757.6	30.5	1
1710	0	400	37.0231	88.7542	-605.5	QL	7.59	2.28	1.47	0.300	1.556	5.182	1728.	53.	5.	758.7	30.5	1
1711	0	408	37.0231	88.7535	-609.0	QL	10.47	1.88	1.15	0.179	1.628	9.087	1684.	39.	5.	758.7	30.5	1
1712	0	388	37.0231	88.7527	-605.7	QL	7.49	2.79	1.07	0.373	2.597	6.971	1589.	38.	3.	758.7	30.5	1
1713	0	388	37.0231	88.7520	-604.2	QL	7.13	4.27	1.18	0.598	3.607	6.033	1607.	34.	4.	759.7	30.6	1
1714	10	376	37.0231	88.7513	-609.5	QL	7.73	0.47	1.03	0.0	0.0	7.509	1499.	45.	6.	759.7	30.7	1
1715	0	420	37.0231	88.7506	-610.0	QL	6.95	2.11	1.28	0.304	1.648	5.420	1732.	38.	8.	759.7	30.7	1
1716	0	432	37.0231	88.7500	-604.5	QL	7.34	3.05	1.18	0.415	2.575	6.208	1713.	52.	8.	759.7	30.7	1
1717	10	440	37.0231	88.7492	-606.7	QL	8.07	1.42	1.36	0.0	0.0	5.917	1622.	50.	9.	759.7	30.8	1
1718	0	444	37.0231	88.7485	-612.0	QL	6.29	1.69	1.37	0.268	1.234	4.596	1577.	43.	8.	758.7	30.8	1
1719	0	456	37.0231	88.7478	-608.7	QL	7.33	2.66	1.20	0.499	3.037	6.084	1686.	42.	7.	758.7	30.8	1
1720	0	460	37.0231	88.7471	-608.0	QL	7.57	2.81	1.21	0.371	2.317	6.244	1574.	46.	7.	757.6	30.8	1
1721	0	464	37.0231	88.7464	-613.7	QL	7.25	3.02	0.86	0.417	3.525	8.450	1575.	44.	2.	756.6	30.8	1
1722	0	468	37.0231	88.7456	-609.7	QAL	8.61	2.30	0.99	0.266	2.330	8.743	1552.	50.	7.	757.6	30.8	1
1723	0	472	37.0231	88.7450	-603.7	QAL	6.44	2.86	1.05	0.444	2.714	6.112	1522.	44.	8.	758.7	30.8	1
1724	0	480	37.0231	88.7443	-609.7	QAL	7.57	3.98	1.09	0.526	3.647	6.937	1585.	30.	4.	758.7	30.8	1
1725	0	460	37.0231	88.7436	-610.7	QAL	5.81	2.46	1.00	0.424	2.464	5.812	1364.	50.	6.	758.7	30.9	1
1726	0	440	37.0231	88.7429	-607.7	QAL	4.98	2.78	1.02	0.557	2.732	4.902	1445.	35.	7.	757.6	30.8	1
1727	0	492	37.0231	88.7423	-609.5	QAL	7.31	3.20	0.77	0.437	4.146	9.476	1479.	35.	6.	757.6	30.8	1
1728	0	492	37.0231	88.7414	-609.5	QAL	7.50	2.27	1.03	0.303	2.207	7.280	1438.	48.	7.	757.6	30.8	1
1729	0	492	37.0231	88.7407	-612.7	QAL	6.15	2.73	0.79	0.445	3.479	7.825	1440.	35.	9.	758.7	30.8	1
1730	0	488	37.0231	88.7401	-615.0	QAL	4.36	1.84	1.04	0.422	1.777	4.212	1400.	41.	10.	758.7	30.8	1
1731	0	484	37.0231	88.7394	-609.0	QAL	6.93	2.68	1.26	0.387	2.128	5.501	1545.	29.	4.	758.7	30.8	1
1732	10	484	37.0231	88.7387	-609.0	QAL	7.39	1.66	1.26	0.0	0.0	6.254	1428.	43.	6.	758.7	30.8	1
1733	0	484	37.0231	88.7380	-611.7	QAL	6.56	2.18	1.07	0.333	2.033	6.111	1429.	31.	6.	757.6	30.8	1
1734	0	468	37.0231	88.7372	-610.5	QAL	6.28	1.83	0.83	0.292	2.210	7.559	1396.	29.	8.	757.6	30.8	1
1735	0	400	37.0231	88.7365	-615.7	TW	8.93	2.19	0.90	0.556	2.440	4.385	1193.	48.	6.	758.7	30.8	1
1736	10	396	37.0231	88.7358	-615.2	TW	7.24	0.64	0.96	0.0	0.0	7.570	1205.	55.	5.	758.7	30.8	1
1737	0	404	37.0231	88.7350	-609.7	TW	5.67	3.32	0.87	0.585	3.803	6.501	1233.	44.	2.	758.7	30.8	1
1738	0	400	37.0231	88.7344	-613.5	TW	6.32	2.23	0.82	0.353	2.710	7.678	1294.	30.	7.	758.7	30.8	1
1739	0	372	37.0231	88.7337	-616.0	TW	4.74	3.57	0.86	0.754	4.139	5.489	1345.	40.	2.	757.6	30.8	1
1740	0	388	37.0231	88.7330	-610.5	TW	7.39	1.58	0.79	0.213	2.006	9.409	1364.	45.	6.	758.7	30.8	1
1741	10	380	37.0231	88.7323	-612.0	TW	6.21	0.83	0.87	0.0	0.0	7.176	1334.	38.	7.	759.7	30.7	1
1742	0	384	37.0231	88.7316	-611.7	TW	7.39	2.14	1.17	0.290	1.836	6.335	1449.	44.	6.	759.7	30.8	1
1743	0	416	37.0231	88.7309	-610.7	TW	7.56	1.56	1.00	0.206	1.552	7.535	1578.	33.	9.	758.7	30.7	1
1744	0	428	37.0231	88.7301	-615.2	TW	6.58	3.25	1.28	0.495	2.552	5.157	1693.	40.	7.	758.1	30.7	1
1745	0	436	37.0231	88.7295	-617.7	TW	6.90	2.36	0.97	0.342	2.436	7.127	1539.	45.	8.	758.1	30.6	1
1746	0	428	37.0231	88.7288	-616.5	TW	6.22	2.58	1.00	0.414	2.579	6.230	1575.	29.	10.	759.2	30.7	1
1747	0	416	37.0231	88.7280	-615.0	TW	8.91	2.18	1.04	0.245	2.106	8.611	1657.	55.	9.	759.2	30.6	1
1748	0	404	37.0231	88.7274	-611.5	QL	5.52	2.53	1.29	0.457	1.963	4.294	1709.	53.	8.	758.7	30.6	1
1749	0	400	37.0231	88.7266	-611.7	QL	7.05	2.12	1.04	0.301	2.050	6.800	1626.	47.	7.	758.7	30.6	1

CP9 1P 12

FLIGHT LINE 12 DAY 168 REDUCED DATA TEX-KENT 1979 PADUCAH

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1750	10	392	37.0231	88.7259	-615.5	QL	8.19	1.42	1.35	0.0	0.0	6.061	1702.	41.	8.	758.7	30.6	1
1751	0	392	37.0231	88.7252	-615.5	QL	8.62	3.31	1.07	0.384	3.087	8.032	1734.	40.	5.	759.2	30.6	1
1752	0	392	37.0231	88.7245	-612.5	QL	8.55	4.45	1.10	0.520	4.031	7.753	1815.	33.	4.	759.2	30.6	1
1753	0	392	37.0231	88.7238	-612.5	QL	7.37	2.33	1.16	0.316	2.016	6.372	1620.	33.	7.	759.2	30.6	1
1754	0	396	37.0231	88.7231	-613.5	QL	6.21	2.51	1.00	0.404	2.517	6.232	1640.	43.	7.	758.7	30.6	1
1755	0	480	37.0231	88.7224	-613.5	QL	11.09	2.09	1.40	0.189	1.496	7.938	1902.	30.	11.	758.7	30.6	1
1756	10	404	37.0230	88.7217	-615.5	QL	8.81	1.08	1.41	0.0	0.0	6.244	1790.	42.	7.	759.7	30.6	1
1757	0	400	37.0230	88.7210	-615.2	QL	8.77	2.51	1.14	0.286	2.197	7.682	1777.	40.	10.	759.7	30.6	1
1758	0	400	37.0230	88.7202	-612.0	QL	7.44	3.30	1.09	0.444	3.019	6.798	1658.	41.	8.	758.7	30.6	1
1759	0	404	37.0230	88.7196	-609.5	QL	6.52	2.68	1.04	0.411	2.582	6.285	1594.	46.	9.	758.7	30.5	1
1760	0	396	37.0230	88.7189	-612.0	QL	7.72	2.52	1.01	0.326	2.503	7.676	1692.	47.	7.	759.7	30.5	1
1761	0	396	37.0230	88.7182	-614.5	QL	7.17	2.97	1.33	0.414	2.238	5.401	1680.	49.	10.	759.7	30.5	1
1762	0	388	37.0230	88.7175	-615.5	QL	8.45	2.66	1.09	0.315	2.429	7.721	1633.	48.	7.	758.7	30.5	1
1763	0	360	37.0230	88.7167	-617.0	QL	8.07	2.18	1.13	0.270	1.932	7.143	1584.	47.	10.	758.7	30.6	1
1764	0	364	37.0230	88.7160	-615.7	QL	7.99	4.84	0.80	0.605	6.029	9.966	1537.	42.	5.	759.2	30.8	1
1765	0	392	37.0230	88.7153	-616.5	QL	7.71	3.06	1.07	0.397	2.862	7.214	1613.	44.	8.	759.2	30.7	1
1766	0	428	37.0230	88.7146	-617.7	QL	9.31	2.25	1.35	0.241	1.667	6.908	1664.	26.	10.	759.2	30.8	1
1767	0	432	37.0230	88.7140	-615.5	QL	10.33	1.99	1.38	0.192	1.439	7.476	1741.	40.	9.	758.7	30.8	1
1768	0	436	37.0230	88.7132	-617.0	QL	7.67	3.02	1.07	0.394	2.827	7.178	1594.	42.	10.	758.7	30.8	1
1769	0	448	37.0230	88.7125	-617.2	QL	9.27	1.86	1.22	0.201	1.530	7.622	1691.	41.	8.	759.7	30.8	1
1770	0	460	37.0230	88.7118	-615.0	QL	8.13	2.21	1.09	0.272	2.028	7.469	1604.	39.	9.	758.7	30.8	1
1771	0	468	37.0230	88.7111	-615.5	QL	8.67	2.66	0.88	0.307	3.012	9.811	1574.	34.	7.	757.6	30.7	1
1772	10	476	37.0230	88.7104	-616.5	QL	8.51	0.13	1.17	0.0	0.0	7.284	1557.	35.	7.	758.7	30.6	1
1773	0	476	37.0230	88.7097	-613.5	QAL	6.61	3.12	1.14	0.472	2.749	5.820	1388.	37.	0.	759.7	30.5	1
1774	0	480	37.0230	88.7090	-614.7	QAL	7.09	3.20	1.08	0.452	2.973	6.585	1421.	43.	6.	758.7	30.5	1
1775	0	476	37.0230	88.7083	-617.5	QAL	7.44	1.92	1.00	0.258	1.926	7.458	1371.	38.	7.	758.7	30.5	1
1776	0	472	37.0230	88.7076	-616.5	QAL	7.06	1.86	0.87	0.263	2.124	8.071	1316.	40.	7.	759.2	30.5	1
1777	0	468	37.0230	88.7068	-617.2	QAL	5.27	2.38	0.94	0.452	2.521	5.576	1252.	35.	6.	758.1	30.5	1
1778	0	472	37.0230	88.7061	-621.2	QAL	7.96	3.16	0.73	0.398	4.309	10.840	1436.	37.	7.	758.1	30.5	1
1779	0	472	37.0230	88.7054	-622.0	QAL	6.47	2.58	1.07	0.399	2.420	6.069	1439.	36.	7.	759.7	30.5	1
1780	0	472	37.0230	88.7047	-619.2	QAL	7.73	2.91	0.90	0.376	3.211	8.543	1505.	33.	8.	758.7	30.5	1
1781	10	468	37.0230	88.7041	-616.5	QAL	8.32	0.45	0.94	0.0	0.0	8.835	1419.	43.	6.	757.6	30.5	1
1782	10	468	37.0230	88.7034	-615.5	QAL	6.70	0.32	0.95	0 0	0.0	7.035	1341.	49.	10.	759.2	30.5	1
1783	0	468	37.0230	88.7027	-622.2	QAL	5.35	2.96	1.09	0.553	2.715	4.906	1410.	53.	10.	759.2	30.5	1
1784	10	468	37.0230	88.7019	-623.5	QAL	7.12	1.10	0.92	0.0	0.0	7.722	1396.	42.	13.	757.6	30.5	1
1785	10	468	37.0230	88.7012	-619.7	QAL	7.24	0.89	0.76	0.0	0.0	9.579	1376.	44.	10.	758.7	30.5	1
1786	10	468	37.0230	88.7005	-622.7	QAL	4.80	0.73	1.43	0.0	0.0	3.351	1408.	38.	14.	759.7	30.5	1
1787	10	468	37.0230	88.6997	-628.5	QAL	5.77	1.32	1.04	0.0	0.0	5.531	1476.	37.	14.	758.1	30.5	1
1788	0	468	37.0230	88.6992	-630.2	QAL	7.29	2.45	0.98	0.336	2.500	7.433	1479.	31.	10.	758.1	30.5	1
1789	0	472	37.0230	88.6984	-627.2	QAL	5.43	4.84	0.99	0.891	4.886	5.486	1488.	29.	11.	759.2	30.5	1
1790	0	480	37.0230	88.6977	-621.2	QAL	7.48	2.58	0.90	0.345	2.875	8.337	1462.	32.	9.	758.1	30.5	1
1791	0	488	37.0230	88.6970	-624.0	QAL	6.02	2.72	1.12	0.451	2.416	5.357	1429.	52.	8.	759.2	30.5	1
1792	0	488	37.0230	88.6962	-628.2	TW	6.75	2.65	1.11	0.393	2.388	6.073	1448.	52.	10.	759.7	30.4	1
1793	0	492	37.0230	88.6955	-623.7	TW	7.05	4.13	0.95	0.585	4.343	7.419	1488.	36.	6.	758.7	30.4	1
1794	0	488	37.0230	88.6948	-622.7	TW	5.08	4.86	0.77	0.957	6.302	6.585	1468.	37.	6.	758.7	30.3	1
1795	0	484	37.0230	88.6941	-630.2	TW	7.47	3.45	1.01	0.461	3.398	7.366	1501.	44.	4.	758.7	30.3	1
1796	0	492	37.0230	88.6935	-631.0	TW	5.38	4.66	1.20	0.865	3.872	4.478	1565.	48.	5.	757.6	30.3	1
1797	0	484	37.0230	88.6928	-629.2	TW	7.79	3.91	1.14	0.502	3.431	6.832	1509.	45.	6.	758.7	30.2	1
1798	0	480	37.0230	88.6920	-630.2	TW	6.99	2.78	1.30	0.398	2.138	5.368	1614.	45.	2.	758.7	30.3	1
1799	0	480	37.0230	88.6913	-629.5	TW	7.66	4.16	0.77	0.543	5.392	9.930	1532.	47.	2.	758.1	30.3	1
1800	0	488	37.0230	88.6906	-635.0	TW	6.89	2.28	1.20	0.331	1.893	5.720	1509.	36.	4.	758.1	30.3	1
1801	10	488	37.0230	88.6899	-636.2	TW	8.77	1.38	1.26	0.0	0.0	6.953	1520.	32.	8.	757.6	30.3	1
1802	0	484	37.0230	88.6892	-632.2	TW	5.51	2.10	0.74	0.381	2.820	7.407	1475.	54.	6.	757.6	30.3	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1803	0	480	37.0230	88.6886	-631.5	TW	7.87	1.91	1.23	0.243	1.551	6.375	1459.	43.	10.	758.1	30.4	1
1804	0	480	37.0230	88.6879	-630.5	TW	7.14	3.17	0.81	0.444	3.891	8.772	1467.	44.	8.	758.1	30.4	1
1805	0	476	37.0230	88.6871	-632.5	TW	5.52	3.49	1.15	0.632	3.039	4.810	1544.	41.	4.	758.1	30.3	1
1806	10	460	37.0230	88.6864	-637.7	TW	5.91	1.24	1.02	0.0	0.0	5.781	1599.	38.	8.	757.6	30.3	1
1807	0	440	37.0230	88.6857	-636.0	TW	6.41	3.24	1.31	0.505	2.462	4.880	1610.	43.	3.	757.6	30.2	1
1808	0	440	37.0230	88.6849	-631.2	QTC-1	5.47	2.83	1.35	0.518	2.097	4.051	1533.	58.	8.	758.1	30.3	1
1809	0	448	37.0230	88.6842	-635.7	QTC-1	8.23	2.12	1.25	0.258	1.705	6.609	1660.	35.	8.	758.1	30.3	1
1810	10	440	37.0230	88.6836	-638.5	QTC-1	6.32	1.21	1.30	0.0	0.0	4.878	1556.	42.	10.	758.1	30.3	1
1811	0	412	37.0230	88.6829	-636.7	QTC-1	6.93	3.65	0.66	0.526	5.491	10.435	1430.	39.	9.	757.6	30.3	1
1812	10	448	37.0230	88.6822	-633.2	QTC-1	8.84	0.80	0.98	0.0	0.0	9.000	1518.	46.	12.	758.1	30.3	1
1813	0	460	37.0230	88.6815	-634.2	QTC-1	6.14	2.07	1.10	0.337	1.883	5.579	1521.	49.	11.	758.7	30.3	1
1814	10	464	37.0230	88.6807	-636.7	QTC-1	8.14	1.54	0.93	0.0	0.0	8.772	1433.	44.	12.	758.7	30.3	1
1815	0	456	37.0230	88.6800	-636.7	QTC-1	6.57	2.28	1.00	0.347	2.267	6.538	1407.	44.	11.	758.1	30.3	1
1816	10	456	37.0230	88.6793	-638.2	QTC-1	7.36	1.61	1.20	0.0	0.0	6.133	1405.	43.	12.	757.6	30.3	1
1817	0	452	37.0230	88.6787	-640.7	QTC-1	7.09	3.08	0.92	0.434	3.357	7.727	1504.	49.	10.	758.1	30.2	1
1818	10	460	37.0230	88.6779	-641.0	QTC-1	6.71	1.12	1.09	0.0	0.0	6.140	1490.	43.	11.	758.7	30.3	1
1819	0	448	37.0230	88.6771	-641.7	QTC-1	7.22	3.10	1.02	0.429	3.030	7.065	1625.	49.	10.	757.6	30.3	1
1820	0	436	37.0230	88.6764	-639.7	QTC-1	7.16	3.54	1.30	0.494	2.729	5.519	1712.	38.	6.	757.6	30.2	1
1821	10	444	37.0230	88.6757	-635.2	QTC-1	9.74	0.50	1.52	0.0	0.0	6.389	1645.	45.	13.	758.1	30.2	1
1822	0	452	37.0229	88.6750	-639.7	QTC-1	7.54	3.22	1.11	0.427	2.895	6.788	1639.	39.	11.	757.6	30.2	1
1823	0	452	37.0229	88.6742	-640.2	QTC-1	6.46	3.10	1.31	0.480	2.361	4.923	1714.	50.	11.	758.1	30.1	1
1824	0	436	37.0229	88.6734	-640.0	QTC-1	8.51	2.28	1.16	0.267	1.967	7.358	1590.	35.	12.	758.1	30.1	1
1825	10	436	37.0229	88.6727	-642.0	QTC-1	8.39	0.96	1.30	0.0	0.0	6.472	1655.	41.	13.	758.1	30.1	1
1826	10	432	37.0229	88.6720	-640.7	QTC-1	8.19	1.17	1.32	0.0	0.0	6.214	1605.	49.	15.	758.1	30.2	1
1827	0	424	37.0229	88.6712	-638.7	QTC-1	6.04	2.36	0.98	0.391	2.420	6.193	1586.	50.	18.	758.1	30.2	1
1828	0	424	37.0229	88.6705	-643.0	QTC-1	6.58	3.52	1.10	0.535	3.187	5.956	1604.	37.	13.	758.1	30.3	1
1829	10	432	37.0229	88.6698	-643.2	QTC-1	6.37	1.33	1.01	0.0	0.0	6.289	1451.	41.	16.	757.1	30.3	1
1830	10	432	37.0229	88.6690	-638.2	QTC-1	7.90	1.44	1.07	0.0	0.0	7.368	1576.	40.	13.	757.1	30.3	1
1831	0	432	37.0229	88.6683	-642.0	QL	8.11	2.26	1.00	0.278	2.253	8.094	1617.	49.	13.	758.1	30.3	1
1832	0	440	37.0229	88.6676	-645.7	QL	7.66	3.24	1.28	0.423	2.533	5.987	1689.	38.	9.	758.1	30.3	1
1833	0	452	37.0229	88.6668	-641.5	QL	8.05	1.70	1.33	0.211	1.282	6.070	1663.	32.	8.	757.6	30.3	1
1834	0	456	37.0229	88.6660	-642.0	QL	7.80	2.45	1.04	0.314	2.342	7.468	1618.	32.	5.	757.6	30.4	1
1835	0	452	37.0229	88.6653	-646.7	QL	8.21	3.54	0.90	0.431	3.918	9.087	1644.	40.	5.	757.1	30.4	1
1836	0	452	37.0229	88.6646	-644.5	QL	6.37	3.70	1.11	0.580	3.344	5.761	1625.	41.	2.	757.1	30.4	1
1837	0	452	37.0229	88.6638	-641.5	QL	8.01	3.24	1.15	0.404	2.816	6.963	1727.	31.	4.	756.6	30.3	1
1838	0	456	37.0229	88.6631	-644.0	TW	4.67	3.31	1.14	0.709	2.906	4.101	1481.	48.	5.	756.6	30.3	1
1839	0	432	37.0229	88.6623	-644.2	TW	7.38	3.35	0.83	0.454	4.031	8.885	1466.	40.	2.	757.1	30.3	1
1840	0	412	37.0229	88.6616	-644.0	TW	5.60	2.81	1.10	0.502	2.566	5.112	1482.	30.	5.	757.1	30.3	1
1841	10	460	37.0229	88.6609	-646.2	TW	7.48	1.21	1.17	0.0	0.0	6.365	1537.	51.	9.	757.1	30.3	1
1842	0	460	37.0229	88.6601	-647.0	TW	6.54	2.80	1.18	0.429	2.379	5.550	1550.	39.	8.	757.1	30.2	1
1843	10	428	37.0229	88.6594	-647.2	TW	6.12	1.26	1.22	0.0	0.0	5.004	1532.	40.	10.	757.1	30.2	1
1844	0	444	37.0229	88.6587	-645.5	TW	5.40	2.73	0.96	0.506	2.851	5.634	1479.	50.	8.	756.6	30.2	1
1845	0	476	37.0229	88.6579	-639.2	TW	8.81	2.50	1.20	0.284	2.095	7.370	1610.	40.	8.	756.6	30.2	1
1846	0	500	37.0229	88.6572	-641.7	TW	6.46	3.39	0.95	0.525	3.587	6.829	1550.	44.	12.	757.1	30.2	1
1847	0	492	37.0229	88.6565	-643.2	TM	7.69	3.03	1.18	0.394	2.564	6.513	1678.	29.	6.	757.1	30.1	1
1848	0	492	37.0229	88.6557	-640.5	TM	4.65	3.64	1.07	0.783	3.406	4.352	1480.	45.	11.	757.1	30.2	1
1849	10	472	37.0229	88.6549	-642.0	TM	5.77	0.74	1.35	0.0	0.0	4.276	1463.	40.	16.	756.1	30.1	1
1850	10	476	37.0229	88.6542	-642.2	TM	5.80	0.28	1.02	0.0	0.0	5.680	1576.	51.	14.	756.1	30.2	1
1851	0	424	37.0229	88.6535	-640.2	TM	6.24	1.71	0.93	0.274	1.845	6.733	1352.	41.	17.	756.6	30.2	1
1852	0	420	37.0229	88.6528	-639.0	TM	5.33	1.85	0.81	0.347	2.296	6.612	1271.	44.	17.	756.6	30.1	1
1853	0	420	37.0229	88.6521	-639.7	TM	5.93	1.79	0.82	0.302	2.175	7.200	1312.	46.	14.	756.6	30.1	1
1854	10	416	37.0229	88.6512	-642.0	TM	5.15	0.70	0.71	0.0	0.0	7.268	1257.	42.	17.	755.5	30.1	1
1855	0	396	37.0229	88.6505	-640.7	TM	6.45	1.73	0.92	0.268	1.885	7.038	1260.	42.	10.	756.1	30.1	1

CP9 1P12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1856	0	420	37.0229	88.6498	-639.7	TM	4.79	3.13	0.67	0.652	4.636	7.109	1305.	40.	13.	757.6	30.1	1
1857	0	456	37.0229	88.6490	-639.2	TM	6.00	2.51	0.92	0.419	2.727	6.511	1462.	53.	12.	757.1	30.1	1
1858	10	412	37.0229	88.6483	-638.5	TM	7.53	1.37	0.85	0.0	0.0	8.827	1428.	43.	13.	756.6	30.2	1
1859	10	392	37.0229	88.6476	-640.5	TM	6.97	0.33	1.05	0.0	0.0	6.623	1328.	46.	12.	757.6	30.1	1
1860	10	396	37.0229	88.6468	-640.5	TM	5.43	1.13	1.05	0.0	0.0	5.169	1277.	37.	10.	757.1	30.1	1
1861	0	400	37.0229	88.6461	-637.2	QAL	4.95	2.43	0.65	0.491	3.762	7.667	1232.	52.	7.	757.6	30.1	1
1862	0	428	37.0229	88.6454	-639.0	QAL	6.24	2.29	0.98	0.368	2.350	6.391	1403.	36.	7.	757.6	30.1	1
1863	0	432	37.0229	88.6446	-637.2	QAL	4.85	2.90	0.92	0.598	3.137	5.248	1391.	30.	8.	757.1	30.1	1
1864	0	436	37.0229	88.6439	-633.5	QAL	7.14	1.84	0.96	0.258	1.923	7.451	1378.	45.	8.	757.1	30.1	1
1865	0	444	37.0229	88.6432	-636.0	QAL	5.94	3.63	0.86	0.610	4.198	6.877	1441.	41.	2.	757.6	30.0	1
1866	0	496	37.0229	88.6424	-637.5	QAL	9.07	3.27	0.97	0.360	3.354	9.307	1573.	42.	6.	757.6	30.0	1
1867	0	532	37.0229	88.6417	-632.0	QAL	5.56	3.11	1.12	0.559	2.785	4.982	1671.	41.	5.	757.1	30.0	1
1868	0	536	37.0229	88.6410	-629.5	QAL	8.82	4.10	1.18	0.465	3.486	7.501	1629.	31.	5.	756.6	30.0	1
1869	0	536	37.0229	88.6402	-632.7	QAL	7.45	3.23	1.15	0.433	2.803	6.472	1580.	52.	4.	757.6	30.0	1
1870	0	544	37.0229	88.6394	-634.5	QAL	7.83	1.96	1.09	0.251	1.808	7.208	1513.	39.	9.	757.1	30.0	1
1871	0	544	37.0228	88.6387	-632.2	QAL	4.74	4.11	1.08	0.866	3.784	4.368	1567.	45.	8.	756.6	30.0	1
1872	0	544	37.0228	88.6379	-629.2	QAL	5.15	4.04	1.19	0.785	3.406	4.341	1605.	31.	3.	757.1	30.0	1
1873	10	548	37.0228	88.6372	-629.5	QAL	5.80	0.70	1.36	0.0	0.0	4.257	1539.	36.	7.	756.1	30.0	1
1874	0	544	37.0228	88.6365	-631.2	TM	7.79	3.32	0.89	0.425	3.712	8.726	1526.	47.	12.	757.1	30.0	1
1875	10	544	37.0228	88.6357	-632.7	TM	6.24	1.07	1.01	0.0	0.0	6.177	1405.	58.	9.	757.6	30.0	1
1876	0	544	37.0228	88.6350	-629.2	TM	7.25	2.20	1.14	0.304	1.937	6.371	1475.	39.	10.	757.1	30.0	1
1877	0	540	37.0228	88.6343	-626.7	TM	6.86	2.48	1.01	0.362	2.445	6.755	1528.	36.	8.	758.1	30.0	1
1878	10	540	37.0228	88.6335	-625.5	TM	6.40	-0.15	0.94	0.0	0.0	6.811	1318.	41.	11.	757.1	30.0	1
1879	0	540	37.0228	88.6328	-624.7	TM	7.45	1.93	0.84	0.259	2.286	8.824	1350.	41.	7.	757.6	30.0	1
1880	10	532	37.0228	88.6320	-623.0	TM	5.54	1.62	1.14	0.0	0.0	4.877	1345.	39.	8.	758.7	30.0	1
1881	0	520	37.0228	88.6313	-622.2	TM	6.39	3.31	0.95	0.518	3.497	6.751	1398.	35.	8.	757.1	30.0	1
1882	0	532	37.0228	88.6306	-626.7	TM	6.93	2.22	1.06	0.320	2.089	6.529	1441.	39.	9.	757.1	30.0	1
1883	10	516	37.0228	88.6299	-627.5	QAL	5.99	1.58	1.04	0.0	0.0	5.737	1297.	30.	7.	757.6	30.0	1
1884	0	520	37.0228	88.6290	-622.0	QAL	5.69	3.12	0.84	0.548	3.695	6.737	1354.	33.	8.	756.6	30.0	1
1885	0	556	37.0228	88.6283	-619.0	QAL	8.18	2.98	0.71	0.365	4.216	11.558	1379.	38.	7.	757.6	30.0	1
1886	0	564	37.0228	88.6276	-620.0	QAL	7.39	2.57	0.70	0.348	3.675	10.554	1467.	55.	11.	757.6	30.0	1
1887	0	572	37.0228	88.6268	-619.0	QAL	7.45	2.88	0.84	0.387	3.418	8.831	1523.	46.	12.	755.5	30.0	1
1888	10	576	37.0228	88.6262	-617.7	QAL	8.04	0.87	1.00	0.0	0.0	8.063	1508.	49.	12.	757.6	30.1	1
1889	10	580	37.0228	88.6254	-617.5	QAL	12.04	-0.30	1.06	0.0	0.0	11.403	1572.	44.	10.	757.6	30.0	1
1890	0	564	37.0228	88.6246	-615.2	QAL	7.48	2.73	0.60	0.365	4.539	12.435	1477.	35.	10.	755.5	30.0	1
1891	10	540	37.0228	88.6239	-615.0	QAL	7.39	1.16	0.76	0.0	0.0	9.665	1458.	38.	11.	756.6	30.0	1
1892	0	544	37.0228	88.6232	-617.5	QAL	6.73	1.94	0.88	0.289	2.198	7.612	1447.	45.	10.	757.6	30.0	1
1893	10	544	37.0228	88.6224	-620.5	QAL	7.68	0.12	1.01	0.0	0.0	7.585	1443.	31.	14.	755.5	30.0	1
1894	0	544	37.0228	88.6217	-618.7	QAL	5.15	2.86	0.79	0.554	3.598	6.492	1353.	51.	12.	755.5	30.1	1
1895	10	548	37.0228	88.6210	-612.5	QAL	8.78	0.38	1.13	0.0	0.0	7.742	1465.	48.	11.	757.6	30.1	1
1896	10	544	37.0228	88.6202	-612.2	QAL	6.83	1.83	1.08	0.0	0.0	6.337	1375.	46.	12.	755.5	30.0	1
1897	0	544	37.0228	88.6195	-614.5	QAL	6.69	2.18	0.91	0.326	2.393	7.349	1476.	39.	11.	754.5	30.0	1
1898	10	592	37.0228	88.6188	-612.5	QAL	8.38	1.69	1.28	0.0	0.0	6.543	1563.	38.	11.	757.6	29.9	1
1899	10	596	37.0228	88.6180	-612.7	QAL	10.01	1.25	1.20	0.0	0.0	8.362	1699.	35.	13.	756.6	29.9	1
1900	10	588	37.0228	88.6172	-612.0	QAL	11.97	1.59	0.84	0.0	0.0	14.201	1704.	36.	12.	755.5	29.9	1
1901	10	584	37.0228	88.6165	-608.2	QAL	7.51	1.31	0.98	0.0	0.0	7.697	1633.	48.	13.	757.6	29.9	1
1902	0	588	37.0228	88.6158	-611.0	QAL	9.74	3.35	1.14	0.344	2.953	8.576	1781.	39.	7.	756.6	29.9	1
1903	0	588	37.0228	88.6150	-615.2	QAL	6.96	5.87	0.71	0.843	8.274	9.814	1754.	34.	4.	755.5	29.9	1
1904	10	584	37.0228	88.6143	-614.5	QAL	8.67	1.53	1.18	0.0	0.0	7.354	1776.	37.	3.	757.6	29.9	1
1905	0	584	37.0228	88.6135	-607.2	QAL	8.88	2.67	1.31	0.300	2.032	6.766	1722.	34.	0.	756.6	30.0	1
1906	10	580	37.0228	88.6128	-602.7	QAL	11.42	1.94	1.13	0.0	0.0	10.108	1748.	41.	4.	756.6	30.0	1
1907	0	580	37.0228	88.6121	-606.2	QAL	8.87	2.79	1.23	0.314	2.262	7.197	1675.	46.	4.	758.7	29.9	1
1908	0	580	37.0228	88.6113	-608.0	QAL	8.62	2.91	1.28	0.338	2.276	6.739	1695.	27.	5.	757.1	30.0	1

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*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1909	0	576	37.0228	88.6106	-603.7	QAL	7.63	2.43	1.55	0.319	1.568	4.919	1637.	44.	4.	755.5	29.9	1
1910	0	580	37.0228	88.6099	-600.2	QAL	9.98	4.70	0.78	0.471	6.048	12.845	1692.	36.	5.	757.6	30.0	1
1911	10	584	37.0228	88.6091	-602.0	QAL	6.93	2.11	1.21	0.0	0.0	5.741	1647.	41.	15.	757.6	30.0	1
1912	10	576	37.0228	88.6084	-602.7	QAL	5.70	1.20	1.20	0.0	0.0	4.732	1731.	41.	17.	754.0	30.0	1
1913	10	588	37.0228	88.6077	-598.7	QAL	7.21	2.28	1.39	0.0	0.0	5.187	1816.	43.	18.	755.0	30.0	1
1914	10	588	37.0227	88.6069	-595.2	QAL	9.78	-0.19	1.42	0.0	0.0	6.873	1762.	35.	16.	758.1	30.0	1
1915	10	580	37.0227	88.6062	-599.7	QAL	9.59	0.73	1.37	0.0	0.0	6.994	1688.	34.	22.	757.1	30.0	1
1916	10	568	37.0227	88.6054	-600.2	QAL	8.97	0.05	1.39	0.0	0.0	6.472	1660.	49.	21.	755.0	29.9	1
1917	10	560	37.0227	88.6047	-600.5	QAL	7.78	0.41	1.10	0.0	0.0	7.072	1465.	61.	19.	756.6	29.8	1
1918	10	572	37.0227	88.6039	-602.5	QAL	9.03	1.82	1.23	0.0	0.0	7.355	1592.	39.	16.	758.7	29.8	1
1919	10	576	37.0227	88.6032	-602.0	QAL	7.65	-0.34	1.31	0.0	0.0	5.858	1601.	41.	21.	757.6	29.9	1
1920	10	564	37.0227	88.6024	-600.0	QAL	7.46	0.75	1.18	0.0	0.0	6.306	1556.	45.	19.	756.6	29.9	1
1921	10	532	37.0227	88.6017	-605.7	QAL	6.14	-0.26	1.28	0.0	0.0	4.806	1372.	41.	20.	757.6	29.9	1
1922	10	524	37.0227	88.6010	-608.7	QT-2	8.26	0.60	0.78	0.0	0.0	10.613	1395.	36.	16.	758.7	29.9	1
1923	10	544	37.0227	88.6002	-602.2	QT-2	5.70	1.12	0.90	0.0	0.0	6.350	1472.	36.	16.	757.6	29.9	1
1924	10	540	37.0227	88.5995	-602.2	QT-2	6.19	1.23	1.18	0.0	0.0	5.269	1472.	44.	13.	756.1	29.9	1
1925	10	524	37.0227	88.5988	-606.5	QT-2	10.91	0.81	1.31	0.0	0.0	8.321	1580.	34.	6.	757.1	29.9	1
1926	10	516	37.0227	88.5980	-604.0	QT-2	9.19	0.58	1.29	0.0	0.0	7.130	1648.	35.	13.	758.7	29.9	1
1927	0	516	37.0227	88.5973	-603.7	QT-2	6.17	2.03	1.30	0.329	1.563	4.747	1547.	44.	13.	757.6	29.9	1
1928	10	516	37.0227	88.5966	-605.5	QT-2	8.93	1.30	0.94	0.0	0.0	9.504	1621.	39.	14.	756.6	29.9	1
1929	10	564	37.0227	88.5958	-601.7	QT-2	7.29	1.38	1.22	0.0	0.0	5.996	1796.	33.	15.	756.6	29.9	1
1930	0	572	37.0227	88.5950	-601.2	QT-2	8.69	3.23	1.26	0.372	2.571	6.915	1922.	38.	11.	756.6	29.9	1
1931	0	568	37.0227	88.5944	-604.0	QT-2	9.52	2.89	1.47	0.303	1.964	6.475	1812.	37.	9.	758.7	29.9	1
1932	10	564	37.0227	88.5936	-602.0	QT-2	7.43	1.65	1.43	0.0	0.0	5.211	1772.	48.	12.	758.7	29.9	1
1933	10	568	37.0227	88.5928	-600.7	QT-2	10.88	1.23	1.30	0.0	0.0	8.351	1807.	34.	15.	756.6	29.9	1
1934	10	572	37.0227	88.5921	-603.0	QT-2	8.61	1.57	1.37	0.0	0.0	6.305	1690.	39.	12.	756.6	29.9	1
1935	0	568	37.0227	88.5914	-602.5	QT-2	5.86	3.65	1.47	0.622	2.482	3.987	1701.	34.	12.	757.6	29.8	1
1936	0	564	37.0227	88.5906	-603.5	QT-2	5.05	3.37	0.96	0.666	3.522	5.285	1603.	48.	12.	758.7	29.9	1
1937	10	560	37.0227	88.5899	-603.2	QT-2	8.07	0.71	1.00	0.0	0.0	8.044	1538.	43.	11.	758.7	29.8	1
1938	0	560	37.0227	88.5891	-604.7	QT-2	8.10	2.17	1.14	0.268	1.906	7.108	1559.	48.	10.	757.6	29.9	1
1939	0	564	37.0227	88.5884	-604.5	QT-2	8.94	2.69	1.01	0.301	2.667	8.863	1671.	35.	8.	756.6	29.9	1
1940	0	548	37.0227	88.5877	-606.7	QT-2	8.30	4.13	1.02	0.498	4.060	8.156	1608.	43.	6.	756.6	29.9	1
1941	0	512	37.0227	88.5869	-606.5	QT-2	8.57	4.18	0.97	0.488	4.306	8.821	1607.	35.	5.	757.1	29.8	1
1942	10	544	37.0227	88.5862	-604.0	QT-2	8.35	1.48	1.44	0.0	0.0	5.806	1568.	29.	5.	758.1	29.9	1
1943	10	564	37.0227	88.5855	-605.0	QT-2	9.60	1.44	1.52	0.0	0.0	6.298	1806.	44.	9.	759.2	29.8	1
1944	0	564	37.0227	88.5847	-605.0	QT-2	7.64	2.12	1.18	0.278	1.800	6.475	1762.	41.	10.	758.7	29.9	1
1945	0	560	37.0227	88.5840	-606.7	QT-2	8.57	2.04	1.25	0.238	1.639	6.880	1786.	41.	9.	757.6	29.9	1
1946	0	564	37.0227	88.5833	-607.2	QT-2	8.89	3.51	1.19	0.394	2.936	7.449	1824.	38.	7.	756.6	29.9	1
1947	0	560	37.0227	88.5825	-604.2	QT-2	9.96	3.67	1.14	0.369	3.223	8.744	1835.	41.	6.	756.1	29.9	1
1948	0	560	37.0227	88.5817	-605.2	QT-2	8.43	4.88	1.22	0.579	3.992	6.900	1754.	46.	6.	757.1	29.9	1
1949	0	556	37.0227	88.5810	-606.5	QT-2	7.07	4.61	1.16	0.653	3.976	6.091	1672.	44.	9.	758.1	30.0	1
1950	0	556	37.0227	88.5802	-603.5	QT-2	9.54	3.97	1.06	0.416	3.753	9.021	1848.	29.	15.	758.1	30.1	1
1951	10	556	37.0227	88.5795	-606.5	QT-2	7.41	1.24	1.13	0.0	0.0	6.553	1763.	31.	14.	758.1	30.1	1
1952	10	568	37.0227	88.5788	-612.0	QT-2	9.58	2.05	1.32	0.0	0.0	7.248	1803.	33.	16.	759.2	30.2	1
1953	0	576	37.0227	88.5780	-611.5	QT-2	7.28	4.19	0.93	0.576	4.520	7.848	1822.	40.	14.	758.7	30.2	1
1954	10	584	37.0227	88.5773	-610.5	QT-2	7.24	0.43	1.58	0.0	0.0	4.583	1672.	43.	21.	757.6	30.2	1
1955	0	592	37.0227	88.5766	-611.2	QT-2	8.42	3.03	1.31	0.360	2.317	6.428	1674.	33.	14.	757.6	30.1	1
1956	10	564	37.0227	88.5758	-611.0	QT-2	7.15	1.87	1.07	0.0	0.0	6.692	1582.	35.	18.	757.6	30.1	1
1957	0	536	37.0227	88.5751	-609.0	QT-1	5.44	2.75	0.84	0.506	3.277	6.479	1403.	38.	13.	756.6	30.1	1
1958	0	532	37.0227	88.5744	-611.2	QT-1	5.61	4.30	0.84	0.766	5.134	6.698	1415.	33.	8.	756.1	30.0	1
1959	10	536	37.0226	88.5736	-615.5	QT-1	6.15	1.26	0.93	0.0	0.0	6.580	1357.	48.	10.	756.1	30.0	1
1960	0	548	37.0226	88.5729	-613.7	QT-1	4.52	2.75	1.02	0.609	2.685	4.411	1430.	35.	12.	755.0	29.9	1
1961	10	548	37.0226	88.5722	-610.0	QT-1	7.17	1.61	1.12	0.0	0.0	6.424	1337.	38.	4.	755.0	29.9	1

CP9 IP 12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1962	0	548	37.0226	88.5714	-614.5	QT-2	6.31	1.90	1.10	0.301	1.731	5.746	1447.	33.	9.	755.0	29.9	1
1963	0	544	37.0226	88.5706	-618.2	QT-2	7.67	2.33	0.70	0.304	3.318	10.913	1397.	36.	11.	756.1	29.8	1
1964	0	552	37.0226	88.5699	-614.7	QT-2	8.12	3.36	0.86	0.414	3.911	9.448	1461.	39.	8.	755.5	29.8	1
1965	10	556	37.0226	88.5692	-613.5	QT-2	7.90	0.59	1.22	0.0	0.0	6.498	1445.	56.	15.	754.5	29.8	1
1966	10	576	37.0226	88.5684	-615.7	QT-2	6.96	0.45	1.24	0.0	0.0	5.606	1585.	37.	14.	755.5	29.8	1
1967	10	588	37.0226	88.5677	-614.2	QT-2	9.45	-0.39	1.03	0.0	0.0	9.199	1665.	41.	18.	755.5	29.8	1
1968	10	588	37.0226	88.5669	-615.5	QT-2	11.80	0.37	1.44	0.0	0.0	8.171	1655.	28.	10.	754.5	29.8	1
1969	0	584	37.0226	88.5662	-618.2	QT-2	8.60	2.55	0.92	0.297	2.784	9.385	1513.	55.	8.	755.5	29.7	1
1970	0	576	37.0226	88.5655	-618.5	QT-2	6.89	2.81	1.04	0.408	2.713	6.652	1554.	30.	9.	756.6	29.7	1
1971	10	544	37.0226	88.5647	-618.5	QT-2	6.85	0.52	0.76	0.0	0.0	9.043	1446.	41.	14.	755.5	29.8	1
1972	10	536	37.0226	88.5640	-618.5	QT-2	7.18	0.42	1.04	0.0	0.0	6.896	1425.	33.	10.	755.5	29.8	1
1973	0	544	37.0226	88.5633	-618.5	QT-2	7.84	2.64	0.70	0.337	3.752	11.148	1420.	40.	11.	756.6	29.7	1
1974	0	552	37.0226	88.5625	-623.0	QT-2	4.98	4.19	1.02	0.841	4.121	4.900	1565.	47.	8.	756.6	29.7	1
1975	0	584	37.0226	88.5617	-624.2	QT-2	8.14	2.33	1.01	0.286	2.311	8.078	1574.	35.	11.	755.5	29.7	1
1976	10	596	37.0226	88.5609	-626.7	QT-2	8.10	1.54	1.28	0.0	0.0	6.330	1682.	49.	14.	756.1	29.7	1
1977	10	596	37.0225	88.5601	-629.5	QT-2	9.67	-0.18	1.40	0.0	0.0	6.927	1665.	33.	14.	757.1	29.7	1
1978	10	592	37.0225	88.5593	-628.5	QT-2	10.35	0.28	0.87	0.0	0.0	11.889	1611.	48.	17.	756.1	29.7	1
1979	10	580	37.0225	88.5585	-627.2	QT-2	7.93	-0.14	1.16	0.0	0.0	6.860	1676.	50.	17.	755.0	29.6	1
1980	10	556	37.0224	88.5578	-631.0	QAL	9.47	0.87	1.24	0.0	0.0	7.615	1593.	26.	13.	755.5	29.8	1
1981	10	560	37.0224	88.5571	-630.7	QAL	10.21	0.56	1.01	0.0	0.0	10.132	1496.	47.	18.	756.6	29.8	1
1982	0	528	37.0224	88.5563	-630.7	QAL	7.25	2.47	0.65	0.341	3.783	11.084	1460.	48.	16.	756.6	29.9	1
1983	10	528	37.0224	88.5555	-63[illegible].0	QAL	8.97	-0.27	0.68	0.0	0.0	13.184	1339.	29.	17.	755.5	29.9	1
1984	10	536	37.0224	88.5547	-636.0	QAL	9.13	0.46	0.68	0.0	0.0	13.478	1361.	38.	15.	755.5	29.9	1
1985	10	536	37.0224	88.5539	-633.2	QAL	7.83	0.72	0.93	0.0	0.0	8.460	1353.	39.	14.	757.6	29.9	1
1986	0	544	37.0224	88.5532	-631.0	QAL	6.75	2.38	0.94	0.353	2.545	7.216	1375.	49.	11.	757.6	29.9	1
1987	10	548	37.0223	88.5523	-634.2	QAL	6.40	1.42	0.64	0.0	0.0	9.965	1173.	44.	13.	755.5	29.8	1
1988	0	568	37.0223	88.5516	-638.5	QAL	5.63	3.26	0.64	0.580	5.058	8.728	1317.	33.	13.	755.5	29.9	1
1989	0	548	37.0223	88.5509	-637.7	QAL	6.02	3.56	0.51	0.592	7.046	11.898	1348.	35.	11.	755.5	29.9	1
1990	0	572	37.0223	88.5500	-638.0	QAL	8.10	2.13	0.73	0.263	2.918	11.117	1461.	46.	11.	755.5	29.9	1
1991	10	580	37.0222	88.5493	-638.7	QAL	7.97	1.65	1.29	0.0	0.0	6.182	1642.	36.	10.	754.5	29.9	1
1992	0	584	37.0222	88.5485	-638.7	QAL	6.10	2.17	1.27	0.357	1.710	4.794	1687.	42.	12.	755.0	29.9	1
1993	10	592	37.0222	88.5477	-642.0	QT-2	11.25	1.70	1.27	0.0	0.0	8.828	1789.	44.	11.	756.1	29.9	1
1994	10	596	37.0222	88.5469	-644.5	QT-2	8.44	0.92	1.30	0.0	0.0	6.474	1680.	58.	12.	755.0	29.9	1
1995	0	588	37.0222	88.5462	-645.7	QT-2	8.91	2.94	1.48	0.330	1.984	6.005	1807.	46.	8.	755.0	29.9	1
1996	0	580	37.0221	88.5454	-642.5	QT-2	5.69	2.41	1.34	0.424	1.800	4.247	1779.	40.	17.	755.5	29.9	1
1997	10	572	37.0221	88.5446	-643.0	QT-2	9.52	1.54	0.89	0.0	0.0	10.707	1686.	35.	15.	755.5	29.9	1
1998	10	576	37.0221	88.5438	-647.2	QT-2	8.24	1.23	0.89	0.0	0.0	9.291	1609.	38.	14.	755.5	30.0	1
1999	0	564	37.0221	88.5430	-647.0	QT-2	5.69	2.78	0.96	0.490	2.895	5.914	1598.	39.	15.	756.6	30.0	1
2000	10	548	37.0221	88.5422	-647.2	QT-2	7.49	0.65	1.24	0.0	0.0	6.029	1550.	37.	15.	756.6	30.0	1
2001	10	536	37.0220	88.5415	-653.2	QTC-2	9.64	0.31	1.03	0.0	0.0	9.408	1442.	44.	12.	757.6	30.0	1
2002	10	512	37.0220	88.5407	-651.5	QTC-1	10.28	1.51	1.01	0.0	0.0	10.154	1515.	33.	8.	757.6	30.1	1
2003	10	472	37.0220	88.5400	-652.0	QTC-2	9.51	1.60	1.10	0.0	0.0	8.620	1716.	37.	11.	757.6	30.1	1
2004	0	464	37.0220	88.5392	-655.7	QTC-2	9.24	2.55	1.19	0.276	2.155	7.797	1771.	40.	13.	758.7	30.1	1
2005	10	464	37.0220	88.5384	-654.5	QTC-1	6.19	1.45	1.25	0.0	0.0	4.956	1701.	45.	12.	758.7	30.2	1
2006	0	432	37.0219	88.5376	-655.0	QTC-1	7.46	1.95	1.35	0.261	1.448	5.537	1723.	35.	10.	758.7	30.3	1
2007	0	448	37.0219	88.5368	-657.2	QTC-1	6.94	2.86	1.26	0.413	2.277	5.519	1725.	26.	13.	758.7	30.2	1
2008	10	444	37.0219	88.5360	-659.7	QTC-1	8.25	1.14	1.23	0.0	0.0	6.707	1702.	28.	14.	758.7	30.3	1
2009	0	452	37.0219	88.5353	-662.0	QTC-1	8.13	2.59	0.82	0.318	3.140	9.862	1731.	42.	14.	758.7	30.3	1
2010	0	452	37.0219	88.5345	-664.0	QTC-2	8.99	2.26	1.16	0.252	1.953	7.762	1690.	44.	13.	759.2	30.4	1
2011	0	456	37.0218	88.5337	-665.7	QTC-2	10.12	2.47	1.10	0.245	2.246	9.183	1661.	38.	11.	759.2	30.3	1
2012	10	456	37.0218	88.5329	-669.7	QTC-2	7.71	0.91	1.17	0.0	0.0	6.565	1648.	37.	14.	759.2	30.3	1
2013	10	460	37.0218	88.5322	-670.7	QTC-2	10.95	1.34	1.08	0.0	0.0	10.137	1597.	34.	9.	759.2	30.3	1
2014	10	444	37.0218	88.5314	-670.0	QTC-2	9.58	1.32	0.90	0.0	0.0	10.663	1493.	47.	9.	758.7	30.3	1

* ID	TAGS QUAL	ALT	LAT	* LOCATION LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
2015	10	444	37.0217	88.5306	-671.0	QTC-1	7.78	1.53	1.13	0.0	0.0	6.906	1517.	42.	8.	757.6	30.2	1
2016	0	468	37.0217	88.5299	-675.0	QTC-1	7.70	3.26	0.91	0.423	3.560	8.417	1505.	30.	10.	757.6	30.2	1
2017	0	464	37.0217	88.5291	-678.5	QTC-1	6.12	3.33	0.88	0.544	3.774	6.933	1532.	37.	10.	758.1	30.2	1
2018	0	476	37.0217	88.5283	-678.2	QTC-1	6.94	2.08	1.01	0.300	2.063	6.882	1505.	25.	8.	756.6	30.2	1
2019	0	472	37.0217	88.5275	-679.7	QTC-1	7.09	2.83	0.94	0.398	3.019	7.579	1433.	34.	7.	756.6	30.2	1
2020	0	476	37.0217	88.5267	-678.5	QTC-1	5.37	2.53	0.87	0.470	2.911	6.189	1401.	46.	12.	757.6	30.3	1
2021	10	492	37.0217	88.5259	-679.2	QTC-1	6.75	1.14	0.96	0.0	0.0	7.052	1340.	34.	9.	756.6	30.3	1
2022	0	516	37.0216	88.5251	-685.0	QTC-1	5.44	4.34	0.76	0.798	5.744	7.195	1257.	58.	8.	756.6	30.3	1
2023	10	524	37.0216	88.5244	-688.5	QTC-1	8.24	0.47	0.72	0.0	0.0	11.379	1320.	41.	11.	757.6	30.3	1
2024	10	508	37.0216	88.5236	-692.7	QTC-1	8.57	1.54	0.81	0.0	0.0	10.604	1443.	43.	10.	756.6	30.2	1
2025	10	488	37.0215	88.5229	-694.7	QTC-1	6.60	1.59	1.08	0.0	0.0	6.133	1475.	39.	10.	756.6	30.2	1
2026	0	484	37.0215	88.5220	-692.7	QTC-1	5.24	3.73	0.97	0.712	3.836	5.388	1455.	47.	4.	757.6	30.2	1
2027	0	500	37.0215	88.5213	-694.0	QTC-1	8.45	2.14	0.89	0.253	2.402	9.498	1592.	34.	5.	757.6	30.2	1
2028	0	492	37.0215	88.5205	-697.7	QTC-1	6.43	1.84	1.10	0.286	1.672	5.837	1513.	40.	2.	757.6	30.1	1
2029	0	512	37.0215	88.5197	-698.7	QAL	6.82	3.28	0.99	0.481	3.302	6.869	1470.	41.	6.	757.6	30.1	1
2030	0	512	37.0215	88.5190	-701.2	QAL	7.70	2.96	1.13	0.385	2.616	6.797	1483.	39.	5.	758.7	30.1	1
2031	0	496	37.0215	88.5182	-701.2	QAL	4.63	2.92	0.97	0.631	3.012	4.776	1409.	42.	1.	759.2	30.1	1
2032	0	500	37.0214	88.5174	-698.2	QAL	6.02	2.32	0.79	0.385	2.930	7.618	1309.	47.	3.	758.1	30.1	1
2033	0	516	37.0214	88.5167	-699.2	QAL	7.95	2.73	0.81	0.344	3.371	9.805	1385.	30.	2.	757.1	30.0	1
2034	0	520	37.0214	88.5158	-703.0	QAL	3.91	4.10	0.93	1.050	4.412	4.204	1309.	49.	4.	756.1	30.1	1
2035	0	488	37.0213	88.5151	-703.7	QTC-1	6.41	2.13	0.64	0.332	3.312	9.983	1240.	36.	4.	756.1	30.0	1
2036	0	488	37.0213	88.5142	-704.7	QTC-1	4.96	2.78	0.70	0.559	3.969	7.096	1284.	47.	8.	755.5	30.0	1
2037	0	484	37.0213	88.5135	-707.7	QTC-1	5.86	1.79	0.79	0.306	2.279	7.452	1159.	35.	2.	755.5	29.9	1
2038	10	496	37.0213	88.5128	-712.0	QTC-1	6.34	0.67	0.58	0.0	0.0	10.999	1202.	48.	9.	756.6	29.9	1
2039	0	528	37.0213	88.5120	-713.5	QTC-1	4.45	3.43	0.30	0.770	11.263	14.628	1186.	32.	9.	756.6	29.9	1
2040	10	580	37.0213	88.5112	-713.7	QTC-1	5.07	1.29	0.87	0.0	0.0	5.827	1261.	36.	10.	756.6	29.9	1
2041	10	588	37.0213	88.5104	-716.5	QTC-1	4.69	1.47	0.66	0.0	0.0	7.101	1153.	28.	11.	757.6	29.8	1
2042	10	540	37.0212	88.5096	-721.7	QTC-1	4.24	0.02	0.72	0.0	0.0	5.864	914.	36.	13.	758.1	29.8	1
2043	10	540	37.0212	88.5088	-719.2	QAL	3.01	-0.79	0.75	0.0	0.0	5.325	849.	21.	14.	757.6	29.8	1
2044	11	548	37.0212	88.5081	-719.2	QAL	3.43	0.31	0.20	0.0	0.0	0.0	735.	37.	14.	755.5	29.9	1
2045	11	592	37.0212	88.5073	-726.2	QAL	2.36	1.74	0.08	0.0	0.0	0.0	591.	53.	12.	755.5	29.8	1
2046	10	600	37.0211	88.5065	-730.0	QAL	2.39	0.59	0.26	0.0	0.0	9.181	597.	36.	11.	756.6	29.9	1
2047	11	596	37.0211	88.5058	-726.0	QAL	2.05	0.83	0.04	0.0	0.0	0.0	465.	39.	13.	756.6	29.9	1
2048	111	588	37.0211	88.5050	-728.5	QAL	1.44	0.32	0.12	0.0	0.0	0.0	417.	43.	13.	756.6	29.9	1
2049	11	584	37.0211	88.5042	-732.0	QAL	2.13	-0.80	0.07	0.0	0.0	0.0	341.	42.	13.	758.7	29.9	1
2050	11	576	37.0211	88.5034	-729.5	QAL	1.81	-1.21	0.05	0.0	0.0	0.0	393.	38.	15.	758.7	29.9	1
2051	111	572	37.0211	88.5027	-733.5	(WATER)	0.72	-0.10	0.07	0.0	0.0	0.0	290.	42.	13.	756.6	29.9	1
2052	111	564	37.0210	88.5019	-738.7	(WATER)	0.14	-1.50	0.07	0.0	0.0	0.0	288.	39.	16.	756.6	29.9	1
2053	10	560	37.0210	88.5011	-738.2	(WATER)	1.61	-1.88	0.28	0.0	0.0	5.676	289.	35.	13.	757.6	29.9	1
2054	111	556	37.0210	88.5003	-741.0	(WATER)	0.71	-0.16	0.05	0.0	0.0	0.0	335.	34.	13.	758.1	29.9	1
2055	111	552	37.0210	88.4995	-741.2	(WATER)	1.26	0.80	-0.09	0.0	0.0	0.0	358.	31.	13.	759.2	29.9	1
2056	111	548	37.0209	88.4987	-740.5	(WATER)	0.46	-1.20	0.05	0.0	0.0	0.0	269.	53.	14.	759.7	29.9	1
2057	111	544	37.0209	88.4980	-742.7	(WATER)	0.31	0.50	-0.12	0.0	0.0	0.0	315.	40.	15.	758.7	29.9	1
2058	11	540	37.0209	88.4972	-745.7	(WATER)	1.61	0.68	0.14	0.0	0.0	0.0	311.	40.	8.	758.1	29.9	1
2059	111	536	37.0209	88.4964	-747.7	(WATER)	1.05	-1.15	0.11	0.0	0.0	0.0	271.	52.	14.	758.1	29.9	1
2060	10	528	37.0209	88.4957	-751.0	(WATER)	2.16	-1.81	0.34	0.0	0.0	6.257	338.	30.	15.	758.1	30.0	1
2061	110	524	37.0209	88.4949	-754.0	(WATER)	0.88	-1.13	0.24	0.0	0.0	0.0	292.	47.	12.	759.2	30.0	1
2062	111	524	37.0209	88.4941	-751.7	(WATER)	0.27	-0.24	0.12	0.0	0.0	0.0	326.	38.	12.	760.2	30.0	1
2063	111	520	37.0208	88.4933	-751.0	(WATER)	0.88	-1.10	0.14	0.0	0.0	0.0	320.	32.	14.	759.7	30.0	1
2064	11	516	37.0208	88.4925	-757.5	(WATER)	1.34	0.68	-0.14	0.0	0.0	0.0	313.	32.	13.	758.7	30.0	1
2065	111	512	37.0208	88.4918	-760.0	(WATER)	0.98	-0.71	0.00	0.0	0.0	0.0	279.	30.	17.	758.1	30.0	1
2066	111	508	37.0207	88.4910	-757.0	(WATER)	0.18	-0.57	0.02	0.0	0.0	0.0	230.	50.	13.	758.1	30.0	1
2067	10	508	37.0207	88.4902	-760.7	(WATER)	2.80	-2.20	0.23	0.0	0.0	12.277	319.	33.	19.	758.7	30.0	1

CP9 1P 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2068	111	512	37.0207	88.4894	-763.0	(WATER)	0.06	-1.10	0.08	0.0	0.0	0.0	244.	47.	15.	759.7	30.1	1
2069	111	516	37.0207	88.4887	-760.2	(WATER)	0.28	0.21	-0.00	0.0	0.0	0.0	283.	41.	16.	759.7	30.1	1
2070	111	520	37.0207	88.4879	-762.7	(WATER)	1.22	-1.47	0.09	0.0	0.0	0.0	268.	43.	16.	758.7	30.1	1
2071	111	520	37.0207	88.4871	-768.7	(WATER)	0.62	-0.19	0.00	0.0	0.0	0.0	252.	36.	13.	758.7	30.1	1
2072	111	520	37.0207	88.4864	-767.2	(WATER)	0.21	0.72	0.01	0.0	0.0	0.0	266.	39.	12.	758.7	30.1	1
2073	111	516	37.0206	88.4855	-764.2	(WATER)	0.89	0.13	0.09	0.0	0.0	0.0	270.	31.	12.	758.7	30.1	1
2074	11	512	37.0206	88.4848	-766.7	(WATER)	2.14	-0.13	0.09	0.0	0.0	0.0	276.	37.	11.	759.7	30.1	1
2075	11	508	37.0206	88.4840	-766.5	(WATER)	1.98	0.01	0.08	0.0	0.0	0.0	327.	23.	8.	759.7	30.1	1
2076	11	508	37.0205	88.4832	-767.5	(WATER)	2.50	-0.73	0.11	0.0	0.0	0.0	321.	38.	11.	759.7	30.1	1
2077	111	508	37.0205	88.4824	-771.7	(WATER)	1.07	-0.80	0.06	0.0	0.0	0.0	271.	40.	11.	758.7	30.1	1
2078	110	508	37.0205	88.4816	-769.7	(WATER)	0.74	0.11	0.23	0.0	0.0	0.0	302.	32.	7.	758.7	30.1	1
2079	11	504	37.0205	88.4809	-767.5	(WATER)	1.55	-1.27	0.12	0.0	0.0	0.0	268.	37.	10.	758.7	30.1	1
2080	11	504	37.0205	88.4801	-771.5	(WATER)	1.39	-0.23	0.15	0.0	0.0	0.0	324.	41.	9.	758.7	30.1	1
2081	111	512	37.0204	88.4793	-771.5	(WATER)	0.68	0.36	0.15	0.0	0.0	0.0	320.	41.	8.	759.7	30.1	1
2082	11	524	37.0204	88.4786	-774.0	(WATER)	1.53	1.07	0.16	0.0	0.0	0.0	394.	34.	8.	759.2	30.1	1
2083	111	540	37.0204	88.4778	-778.0	QAL	0.94	-0.56	0.17	0.0	0.0	0.0	387.	41.	10.	757.6	30.0	1
2084	1	556	37.0204	88.4770	-777.0	QAL	2.80	1.55	0.17	0.555	0.0	0.0	554.	31.	5.	757.6	29.9	1
2085	1	568	37.0204	88.4762	-778.5	QAL	3.33	2.03	0.14	0.610	0.0	0.0	527.	32.	4.	759.7	29.8	1
2086	10	576	37.0204	88.4755	-780.0	QAL	3.47	0.38	0.30	0.0	0.0	11.750	514.	47.	7.	759.7	29.8	1
2087	110	584	37.0203	88.4747	-777.0	QAL	0.46	-0.23	0.30	0.0	0.0	0.0	588.	40.	9.	758.7	29.7	1
2088	0	580	37.0203	88.4739	-781.0	QAL	2.64	2.79	0.26	1.056	10.872	10.296	705.	44.	6.	758.7	29.7	1
2089	10	572	37.0203	88.4731	-783.5	QAL	2.86	0.64	0.34	0.0	0.0	8.487	682.	44.	7.	757.6	29.6	1
2090	10	564	37.0202	88.4723	-778.7	QAL	4.89	1.08	0.51	0.0	0.0	9.658	842.	35.	5.	758.7	29.6	1
2091	0	556	37.0202	88.4716	-781.2	QAL	3.41	3.80	0.50	1.116	7.648	6.853	918.	40.	3.	759.7	29.6	1
2092	0	548	37.0202	88.4708	-787.7	QAL	4.38	2.15	0.43	0.491	4.958	10.093	954.	51.	5.	759.7	29.6	1
2093	0	536	37.0202	88.4700	-787.0	QAL	6.15	2.19	0.72	0.356	3.024	8.490	1149.	29.	4.	758.7	29.6	1
2094	0	520	37.0202	88.4693	-787.0	QAL	5.88	2.48	0.86	0.422	2.874	6.816	1101.	40.	4.	758.7	29.7	1
2095	0	472	37.0202	88.4686	-786.2	QAL	6.49	3.24	0.38	0.500	8.468	16.252	1075.	45.	6.	757.6	29.8	1
2096	10	444	37.0202	88.4679	-785.7	QAL	4.19	1.27	0.90	0.0	0.0	4.664	1117.	42.	6.	758.7	29.8	1
2097	0	452	37.0202	88.4672	-788.2	QAL	5.36	1.65	0.97	0.308	1.700	5.522	1214.	36.	6.	759.7	29.8	1
2098	10	508	37.0202	88.4665	-793.2	QAL	8.36	1.65	0.92	0.0	0.0	9.062	1447.	37.	9.	758.7	29.8	1
2099	0	516	37.0202	88.4657	-791.7	QAL	5.88	3.26	0.90	0.554	3.620	6.532	1447.	41.	11.	758.7	29.8	1
2100	10	516	37.0202	88.4650	-790.7	QAL	8.66	0.74	1.24	0.0	0.0	6.983	1562.	35.	7.	758.7	29.8	1
2101	0	508	37.0202	88.4643	-794.2	QAL	8.27	2.24	0.97	0.271	2.302	8.503	1556.	29.	6.	759.7	29.8	1
2102	0	496	37.0202	88.4636	-793.7	QAL	9.05	3.80	0.97	0.420	3.907	9.309	1672.	46.	8.	760.7	29.9	1
2103	10	492	37.0202	88.4629	-790.2	QAL	8.65	1.56	1.20	0.0	0.0	7.201	1690.	47.	9.	760.7	29.9	1
2104	0	492	37.0202	88.4622	-792.5	QAL	7.01	2.05	0.79	0.292	2.583	8.833	1616.	51.	11.	758.7	29.9	1
2105	0	484	37.0202	88.4615	-798.0	QAL	6.86	3.56	0.88	0.519	4.030	7.766	1679.	44.	10.	758.7	29.9	1
2106	10	484	37.0201	88.4607	-798.2	QAL	7.56	1.69	1.33	0.0	0.0	5.677	1556.	48.	10.	759.7	29.9	1
2107	0	476	37.0201	88.4601	-795.2	QAL	6.98	3.41	0.94	0.489	3.621	7.406	1607.	42.	8.	760.7	29.9	1
2108	0	480	37.0201	88.4594	-799.2	QAL	6.68	5.02	1.05	0.752	4.788	6.367	1705.	38.	5.	760.2	29.9	1
2109	0	480	37.0201	88.4587	-801.2	QAL	6.50	3.83	1.00	0.589	3.828	6.500	1676.	41.	10.	758.7	29.9	1
2110	0	476	37.0201	88.4580	-795.5	QAL	7.42	5.08	1.37	0.684	3.707	5.421	1773.	39.	5.	758.7	29.9	1
2111	10	456	37.0201	88.4572	-798.2	QL	8.21	0.89	1.47	0.0	0.0	5.592	1668.	40.	5.	758.7	29.9	1
2112	0	424	37.0201	88.4565	-804.0	QL	7.18	4.36	1.01	0.607	4.310	7.102	1553.	45.	0.	759.2	30.1	1
2113	0	456	37.0201	88.4558	-799.7	QL	8.16	4.44	1.09	0.544	4.093	7.520	1700.	45.	4.	760.2	30.1	1
2114	0	484	37.0201	88.4551	-796.2	QL	9.44	5.41	0.91	0.573	5.968	10.411	1744.	43.	5.	760.2	30.2	1
2115	0	492	37.0201	88.4544	-798.5	QAL	6.79	4.50	0.89	0.663	5.033	7.594	1758.	37.	10.	758.7	30.1	1
2116	10	452	37.0201	88.4537	-802.0	QAL	7.99	0.90	1.05	0.0	0.0	7.594	1570.	45.	14.	758.7	30.1	1
2117	0	448	37.0201	88.4529	-802.5	QAL	8.24	2.59	0.85	0.314	3.052	9.711	1571.	42.	12.	760.2	30.1	1
2118	10	456	37.0201	88.4522	-796.7	QAL	7.43	1.35	1.04	0.0	0.0	7.133	1528.	45.	17.	760.2	30.1	1
2119	0	456	37.0201	88.4515	-799.0	QAL	6.62	2.26	1.06	0.341	2.139	6.265	1502.	42.	21.	759.2	30.0	1
2120	10	464	37.0201	88.4508	-809.0	QAL	6.01	1.78	1.01	0.0	0.0	5.975	1527.	30.	20.	758.1	30.1	1

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TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2121	10	496	37.0201	88.4501	-808.2	QAL	7.11	1.03	1.33	0.0	0.0	5.347	1585.	34.	16.	758.7	30.0	1
2122	10	496	37.0201	88.4494	-803.5	QAL	9.25	1.50	1.02	0.0	0.0	9.099	1617.	31.	14.	759.7	30.0	1
2123	0	492	37.0201	88.4487	-803.2	QAL	7.66	2.89	1.21	0.377	2.388	6.330	1644.	50.	8.	760.7	30.0	1
2124	0	432	37.0201	88.4480	-807.7	QAL	9.26	1.82	0.77	0.197	2.359	11.998	1544.	46.	4.	759.7	30.0	1
2125	0	436	37.0201	88.4473	-809.7	QAL	6.71	3.02	1.14	0.450	2.640	5.869	1588.	35.	0.	758.7	30.0	1
2126	0	428	37.0201	88.4465	-804.7	QAL	7.00	4.45	0.81	0.635	5.505	8.673	1598.	38.	0.	758.7	30.0	1
2127	0	444	37.0201	88.4458	-799.7	QAL	5.90	4.92	1.11	0.834	4.437	5.323	1635.	33.	0.	759.7	30.0	1
2128	0	436	37.0201	88.4451	-805.7	QAL	10.11	5.07	0.95	0.502	5.357	10.677	1654.	42.	0.	760.7	30.0	1
2129	0	440	37.0201	88.4444	-807.5	QAL	6.64	3.09	1.27	0.466	2.435	5.222	1706.	47.	0.	759.7	30.0	1
2130	0	472	37.0201	88.4437	-808.5	QAL	6.97	5.57	1.05	0.800	5.298	6.624	1825.	36.	1.	758.1	30.0	1
2131	0	460	37.0201	88.4430	-814.7	QAL	6.85	3.51	1.17	0.513	3.014	5.879	1718.	44.	1.	758.1	30.0	1
2132	0	440	37.0201	88.4423	-811.7	QAL	9.32	1.93	1.15	0.207	1.680	8.111	1641.	48.	4.	760.2	30.0	1
2133	0	472	37.0201	88.4416	-807.7	QAL	9.93	3.98	1.08	0.401	3.672	9.162	1698.	38.	5.	761.2	30.0	1
2134	0	472	37.0201	88.4409	-817.0	QAL	8.42	1.83	1.09	0.218	1.678	7.708	1689.	46.	7.	760.2	29.9	1
2135	0	436	37.0201	88.4402	-816.0	QAL	8.08	3.76	1.10	0.465	3.418	7.345	1575.	32.	5.	758.7	29.9	1
2136	10	420	37.0201	88.4395	-810.0	QAL	7.94	1.24	0.99	0.0	0.0	8.023	1509.	37.	7.	758.7	29.9	1
2137	0	424	37.0201	88.4388	-813.5	QAL	8.89	1.70	0.80	0.191	2.137	11.176	1418.	39.	9.	760.2	29.9	1
2138	0	436	37.0200	88.4381	-815.5	QAL	4.91	2.01	0.91	0.410	2.209	5.383	1385.	35.	8.	760.2	29.9	1
2139	0	448	37.0200	88.4374	-814.0	QAL	6.49	3.13	0.90	0.482	3.463	7.180	1487.	39.	8.	759.2	29.8	1
2140	0	460	37.0200	88.4366	-814.2	QAL	7.47	4.05	1.01	0.543	4.006	7.383	1621.	38.	9.	758.1	29.8	1
2141	0	472	37.0200	88.4359	-813.7	QAL	9.30	3.37	0.95	0.363	3.540	9.764	1668.	29.	9.	758.7	29.8	1
2142	0	480	37.0200	88.4352	-813.2	QAL	7.75	2.45	1.28	0.317	1.915	6.049	1700.	37.	9.	759.7	29.8	1
2143	0	480	37.0200	88.4345	-816.7	QAL	7.42	4.15	1.01	0.560	4.107	7.333	1780.	42.	12.	760.7	29.8	1
2144	0	468	37.0200	88.4337	-817.2	QAL	6.18	2.95	1.12	0.478	2.639	5.518	1693.	38.	12.	760.2	29.8	1
2145	0	440	37.0200	88.4330	-817.0	QAL	7.34	2.30	1.17	0.314	1.969	6.279	1555.	42.	12.	758.1	29.8	1
2146	10	464	37.0200	88.4323	-819.5	QAL	6.28	0.82	1.46	0.0	0.0	4.312	1676.	43.	14.	758.7	29.8	1
2147	0	464	37.0200	88.4316	-820.2	QAL	6.25	1.81	1.27	0.289	1.418	4.904	1722.	35.	14.	760.7	29.9	1
2148	0	464	37.0200	88.4310	-815.7	QAL	5.96	2.98	1.34	0.499	2.229	4.465	1760.	42.	12.	760.7	29.9	1
2149	0	468	37.0200	88.4303	-815.0	QAL	7.46	2.06	1.54	0.277	1.344	4.856	1726.	33.	11.	759.2	29.9	1
2150	0	468	37.0200	88.4296	-817.2	QAL	7.37	3.29	1.32	0.446	2.488	5.578	1787.	41.	6.	758.1	29.9	1
2151	10	472	37.0200	88.4288	-818.0	QAL	9.40	1.43	1.27	0.0	0.0	7.376	1722.	47.	7.	759.2	29.9	1
2152	10	472	37.0200	88.4281	-817.5	QAL	8.44	1.10	1.21	0.0	0.0	6.986	1735.	38.	10.	760.2	30.0	1
2153	10	476	37.0200	88.4274	-816.5	QAL	7.99	1.23	1.40	0.0	0.0	5.711	1627.	46.	8.	760.2	30.0	1
2154	0	480	37.0200	88.4267	-818.7	QAL	7.66	3.14	1.19	0.410	2.642	6.451	1723.	44.	6.	758.7	30.1	1
2155	10	460	37.0200	88.4259	-820.5	QT-2	7.36	1.45	1.32	0.0	0.0	5.562	1615.	43.	9.	758.7	30.0	1
2156	0	436	37.0200	88.4252	-818.0	QT-2	7.10	3.61	0.54	0.509	6.698	13.163	1483.	46.	8.	759.7	30.1	1
2157	0	448	37.0200	88.4245	-818.5	QT-2	6.82	2.94	0.85	0.430	3.467	8.055	1520.	40.	8.	759.7	30.1	1
2158	10	452	37.0200	88.4238	-826.0	QT-2	6.90	-0.07	1.02	0.0	0.0	6.802	1494.	40.	12.	758.7	30.1	1
2159	0	492	37.0200	88.4231	-824.0	QT-2	5.77	1.97	1.14	0.341	1.732	5.077	1601.	46.	10.	758.7	30.2	1
2160	0	492	37.0200	88.4224	-819.0	QT-2	6.91	2.38	1.06	0.345	2.250	6.522	1606.	41.	12.	758.7	30.1	1
2161	0	500	37.0200	88.4217	-823.0	QT-2	8.92	3.17	0.70	0.355	4.521	12.731	1594.	42.	10.	759.7	30.1	1
2162	10	500	37.0200	88.4210	-820.5	QT-2	8.07	1.56	1.23	0.0	0.0	6.577	1582.	34.	12.	759.7	30.0	1
2163	0	496	37.0200	88.4203	-817.0	QT-2	7.03	3.39	0.95	0.482	3.555	7.369	1501.	46.	11.	759.7	30.0	1
2164	10	488	37.0200	88.4196	-821.0	QT-2	7.16	0.90	1.28	0.0	0.0	5.585	1639.	33.	13.	757.6	30.0	1
2165	0	484	37.0200	88.4189	-821.7	QT-2	6.34	3.00	1.05	0.474	2.855	6.028	1656.	44.	13.	757.6	30.0	1
2166	0	480	37.0200	88.4181	-818.5	QT-2	8.97	2.78	0.95	0.310	2.932	9.449	1677.	37.	15.	758.7	30.0	1
2167	10	484	37.0199	88.4174	-822.7	QT-2	9.83	1.45	1.00	0.0	0.0	9.819	1718.	37.	14.	759.7	30.0	1
2168	0	488	37.0199	88.4167	-827.0	QT-2	9.06	2.43	1.21	0.268	2.003	7.468	1708.	40.	14.	759.2	30.1	1
2169	0	492	37.0199	88.4160	-825.0	QT-2	7.48	2.82	1.04	0.376	2.700	7.176	1706.	49.	15.	758.1	30.1	1
2170	10	496	37.0199	88.4153	-823.2	QT-2	10.22	0.99	1.13	0.0	0.0	9.042	1739.	45.	14.	758.1	30.0	1
2171	10	496	37.0199	88.4146	-827.0	QT-2	8.23	1.21	1.20	0.0	0.0	6.850	1715.	33.	12.	759.2	30.0	1
2172	0	492	37.0199	88.4139	-830.0	QT-2	11.47	3.23	1.10	0.282	2.934	10.409	1653.	45.	3.	760.2	30.1	1
2173	0	492	37.0199	88.4132	-827.7	QT-2	7.20	4.08	1.26	0.566	3.247	5.733	1810.	38.	7.	758.7	30.1	1

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ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2174	0	492	37.0199	88.4125	-823.0	QT-2	8.36	2.60	1.40	0.311	1.860	5.978	1757.	36.	6.	757.6	30.0	1
2175	0	488	37.0199	88.4117	-824.7	QT-2	7.06	3.20	1.21	0.453	2.640	5.828	1744.	50.	5.	758.7	29.9	1
2176	0	484	37.0199	88.4111	-828.0	QT-2	7.59	5.79	1.17	0.763	4.956	6.491	1775.	42.	1.	760.2	30.0	1
2177	0	480	37.0199	88.4104	-824.2	QT-2	8.48	4.94	0.58	0.583	8.516	14.609	1799.	41.	2.	759.7	29.9	1
2178	0	476	37.0199	88.4097	-825.0	QT-2	6.79	3.81	1.18	0.560	3.230	5.764	1766.	41.	5.	758.7	30.0	1
2179	0	476	37.0199	88.4089	-825.0	QAL	7.37	1.97	1.21	0.268	1.630	6.089	1786.	41.	3.	758.7	29.9	1
2180	0	472	37.0199	88.4082	-822.5	QAL	9.29	3.76	1.26	0.405	2.996	7.393	1778.	47.	2.	760.2	29.9	1
2181	0	472	37.0199	88.4075	-824.2	QAL	9.19	2.89	1.68	0.315	1.719	5.461	1889.	33.	9.	760.2	30.0	1
2182	0	472	37.0199	88.4068	-827.0	QAL	7.91	2.74	1.06	0.346	2.590	7.477	1757.	48.	10.	759.2	30.0	1
2183	0	472	37.0199	88.4061	-826.5	QAL	8.97	3.09	0.80	0.344	3.848	11.173	1713.	38.	7.	758.7	30.0	1
2184	10	472	37.0199	88.4053	-827.0	QAL	11.09	1.47	1.24	0.0	0.0	8.914	1839.	41.	8.	758.7	30.0	1
2185	10	468	37.0199	88.4046	-828.2	QAL	10.39	0.93	1.35	0.0	0.0	7.720	1691.	39.	9.	759.7	30.0	1
2186	0	468	37.0199	88.4039	-825.7	QAL	9.10	2.97	1.15	0.326	2.591	7.940	1729.	30.	8.	760.2	30.0	1
2187	0	440	37.0199	88.4032	-822.2	QAL	7.09	2.13	0.97	0.300	2.204	7.335	1544.	48.	7.	759.2	30.1	1
2188	0	404	37.0199	88.4025	-824.5	QAL	5.46	2.72	0.92	0.497	2.954	5.937	1478.	37.	10.	758.7	30.1	1
2189	0	400	37.0199	88.4018	-827.2	QAL	6.71	2.12	0.72	0.316	2.953	9.341	1420.	33.	12.	759.7	30.0	1
2190	0	400	37.0199	88.4011	-828.7	QAL	5.48	2.25	0.90	0.410	2.486	6.066	1338.	40.	10.	760.7	30.0	1
2191	0	404	37.0199	88.4004	-828.7	QAL	6.68	2.86	1.09	0.428	2.614	6.109	1499.	31.	9.	759.7	30.0	1
2192	0	408	37.0199	88.3997	-827.7	QAL	6.84	2.55	1.03	0.372	2.473	6.640	1511.	40.	9.	758.7	30.0	1
2193	0	404	37.0199	88.3989	-828.5	QAL	6.82	2.08	0.99	0.305	2.105	6.902	1449.	34.	9.	758.7	30.0	1
2194	0	412	37.0199	88.3982	-830.2	QAL	7.77	1.82	0.87	0.234	2.090	8.940	1463.	30.	9.	760.7	30.0	1
2195	10	412	37.0199	88.3975	-826.2	QAL	7.55	0.43	0.96	0.0	0.0	7.834	1385.	44.	10.	760.7	30.0	1
2196	0	440	37.0199	88.3968	-824.0	QAL	6.02	1.77	1.08	0.294	1.636	5.567	1469.	39.	12.	759.2	30.1	1
2197	0	460	37.0198	88.3961	-823.0	QAL	7.43	3.05	1.10	0.411	2.766	6.733	1586.	47.	10.	758.1	30.1	1
2198	0	456	37.0198	88.3954	-823.0	QAL	7.87	1.98	1.15	0.252	1.717	6.819	1638.	47.	12.	759.2	30.0	1
2199	0	448	37.0198	88.3947	-825.2	QAL	8.56	2.93	1.11	0.342	2.631	7.701	1655.	53.	12.	760.2	30.0	1
2200	0	452	37.0198	88.3940	-825.0	QTC-1	8.28	1.98	1.44	0.239	1.376	5.753	1693.	48.	12.	759.7	30.1	1
2201	0	460	37.0198	88.3933	-817.0	QTC-1	6.88	2.80	1.10	0.407	2.537	6.241	1620.	52.	9.	758.7	30.1	1
2202	0	468	37.0198	88.3925	-817.2	QTC-1	10.77	2.78	1.19	0.259	2.332	9.019	1814.	42.	7.	759.7	30.0	1
2203	0	464	37.0198	88.3919	-822.0	QTC-1	7.45	2.45	0.94	0.329	2.618	7.956	1667.	42.	8.	759.7	30.0	1
2204	0	468	37.0198	88.3912	-822.7	QTC-1	6.35	2.52	1.08	0.396	2.324	5.867	1661.	39.	11.	759.7	30.0	1
2205	0	456	37.0198	88.3905	-828.0	QTC-1	8.72	1.84	1.12	0.211	1.649	7.799	1670.	49.	8.	758.7	30.0	1
2206	0	448	37.0198	88.3898	-832.0	QTC-1	7.84	2.96	1.13	0.378	2.611	6.906	1701.	32.	9.	758.7	30.0	1
2207	0	440	37.0198	88.3890	-831.7	QTC-1	7.24	3.14	1.30	0.433	2.414	5.577	1818.	27.	7.	759.7	29.9	1
2208	0	424	37.0198	88.3883	-831.0	QTC-2	6.60	2.69	1.48	0.408	1.812	4.443	1754.	43.	8.	760.7	30.0	1
2209	0	420	37.0198	88.3876	-828.7	QTC-2	8.25	3.00	1.18	0.363	2.539	6.989	1784.	44.	10.	758.7	30.0	1
2210	0	416	37.0198	88.3869	-825.0	QTC-2	11.15	2.07	1.15	0.186	1.801	9.681	1883.	40.	11.	758.7	30.0	1
2211	0	400	37.0198	88.3862	-824.0	QTC-2	9.15	3.59	1.12	0.393	3.194	8.134	1784.	38.	9.	760.7	30.0	1
2212	10	396	37.0198	88.3855	-825.2	QTC-2	9.44	0.15	1.26	0.0	0.0	7.476	1729.	55.	11.	761.8	30.1	1
2213	0	404	37.0198	88.3847	-825.2	QTC-2	9.30	1.79	1.18	0.192	1.517	7.894	1831.	42.	11.	760.7	30.1	1
2214	0	364	37.0198	88.3840	-823.7	QTC-2	7.34	2.89	0.97	0.393	2.981	7.577	1617.	48.	10.	760.2	30.1	1
2215	10	368	37.0198	88.3833	-822.7	QTC-2	10.03	0.46	1.41	0.0	0.0	7.090	1717.	43.	8.	760.2	30.1	1
2216	0	356	37.0198	88.3826	-821.5	QTC-1	10.64	1.63	1.02	0.153	1.604	10.482	1683.	34.	9.	761.2	30.2	1
2217	0	312	37.0198	88.3820	-826.7	QTC-1	6.52	1.70	1.15	0.261	1.479	5.679	1479.	53.	9.	761.2	30.2	1
2218	0	324	37.0197	88.3812	-829.2	QTC-1	6.97	1.86	0.87	0.268	2.152	8.044	1386.	40.	10.	760.2	30.2	1
2219	0	340	37.0197	88.3805	-826.7	QTC-1	5.87	1.72	0.72	0.292	2.387	8.166	1279.	39.	12.	759.2	30.2	1
2220	0	344	37.0197	88.3798	-826.2	QTC-1	4.87	1.38	0.67	0.284	2.057	7.255	1284.	38.	16.	761.2	30.1	1
2221	0	332	37.0197	88.3791	-825.2	QTC-1	4.69	2.84	0.83	0.606	3.408	5.626	1376.	30.	12.	761.8	30.2	1
2222	0	308	37.0197	88.3784	-823.5	QTC-1	5.79	2.10	0.87	0.363	2.417	6.655	1429.	42.	9.	759.7	30.2	1
2223	0	316	37.0197	88.3777	-827.7	QTC-1	7.03	2.61	1.05	0.371	2.493	6.722	1519.	44.	9.	759.7	30.2	1
2224	0	368	37.0197	88.3769	-825.7	QAL	5.97	3.80	1.17	0.636	3.245	5.099	1665.	32.	10.	760.7	30.2	1
2225	0	396	37.0197	88.3762	-816.2	QAL	8.27	2.47	1.11	0.299	2.237	7.475	1690.	37.	4.	761.8	30.2	1
2226	0	408	37.0197	88.3755	-815.0	QAL	9.35	3.21	1.17	0.344	2.741	7.972	1744.	33.	8.	759.7	30.2	1

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CP 9 LP 12

FLIGHT LINE 12 DAY 168 REDUCED DATA TEX-KENT 1979 PADUCAH PAGE NO 632

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2227	0	420	37.0197	88.3748	-814.7	QAL	9.39	3.73	0.84	0.397	4.458	11.226	1753.	27.	6.	758.1	30.1	1
2228	10	416	37.0197	88.3741	-814.7	QAL	8.90	1.34	1.18	0.0	0.0	7.516	1628.	35.	9.	760.2	30.1	1
2229	10	404	37.0197	88.3734	-815.0	QAL	8.40	0.75	0.97	0.0	0.0	8.640	1481.	52.	8.	761.2	30.1	1
2230	0	436	37.0197	88.3726	-816.7	QAL	8.06	4.69	0.75	0.582	6.289	10.806	1606.	31.	4.	759.2	30.1	1
2231	10	432	37.0197	88.3720	-818.2	QAL	8.94	1.57	1.14	0.0	0.0	7.825	1565.	43.	7.	758.1	30.0	1
2232	0	476	37.0197	88.3713	-818.5	QAL	11.19	2.89	0.89	0.258	3.258	12.632	1711.	38.	7.	759.2	30.0	1
2233	10	500	37.0197	88.3705	-819.2	QAL	9.75	1.47	1.15	0.0	0.0	8.491	1726.	30.	6.	759.2	30.0	1
2234	0	516	37.0197	88.3698	-820.5	QAL	7.79	2.80	1.53	0.359	1.833	5.101	1815.	43.	7.	758.7	29.9	1
2235	0	524	37.0197	88.3691	-814.5	QAL	8.94	3.45	1.43	0.386	2.420	6.274	1801.	49.	1.	758.7	29.8	1
2236	0	524	37.0197	88.3684	-809.5	QAL	10.47	4.17	1.28	0.398	3.247	8.154	1873.	48.	4.	758.7	29.9	1
2237	0	524	37.0197	88.3677	-811.7	QAL	7.39	5.48	1.07	0.741	5.134	6.931	1721.	50.	0.	758.7	29.8	1
2238	0	528	37.0197	88.3670	-810.2	QT-2	9.11	4.17	1.37	0.458	3.039	6.640	1776.	31.	1.	758.1	29.9	1
2239	10	532	37.0197	88.3663	-810.7	QT-2	9.49	1.81	1.22	0.0	0.0	7.756	1710.	46.	4.	758.1	29.8	1
2240	0	528	37.0197	88.3656	-815.5	QT-2	8.05	3.50	1.12	0.435	3.124	7.179	1591.	43.	4.	758.1	29.7	1
2241	0	528	37.0197	88.3649	-816.0	QT-2	6.32	4.58	1.01	0.724	4.527	6.253	1742.	32.	8.	757.6	29.8	1
2242	0	528	37.0197	88.3641	-812.0	QT-2	7.60	4.61	1.16	0.606	3.981	6.566	1817.	33.	7.	757.6	29.7	1
2243	0	528	37.0197	88.3634	-810.2	QT-2	8.02	2.10	1.02	0.261	2.047	7.833	1626.	54.	6.	758.7	29.8	1
2244	0	528	37.0197	88.3627	-807.5	QT-2	5.93	4.24	1.28	0.715	3.311	4.632	1770.	38.	6.	758.7	29.8	1
2245	0	528	37.0197	88.3621	-807.0	QT-2	6.63	2.45	1.05	0.369	2.340	6.333	1650.	49.	9.	757.6	29.8	1
2246	10	524	37.0197	88.3614	-809.0	QT-2	7.44	1.48	1.16	0.0	0.0	6.401	1608.	46.	5.	758.7	29.8	1
2247	0	520	37.0197	88.3606	-806.0	QT-1	6.80	2.46	1.39	0.363	1.770	4.881	1625.	36.	5.	759.7	29.8	1
2248	0	516	37.0197	88.3599	-809.0	QTC-1	6.36	4.27	0.93	0.671	4.573	6.819	1627.	48.	6.	758.7	29.8	1
2249	0	500	37.0197	88.3592	-811.5	QTC-1	8.58	2.31	1.29	0.269	1.794	6.662	1617.	42.	4.	757.6	29.8	1
2250	0	464	37.0197	88.3585	-805.5	QTC-1	3.92	4.39	0.98	1.121	4.484	4.001	1569.	40.	4.	759.2	29.8	1
2251	0	432	37.0197	88.3577	-804.7	QTC-1	4.22	4.84	0.98	1.146	4.933	4.304	1398.	46.	3.	759.2	29.8	1
2252	0	416	37.0197	88.3570	-809.7	QTC-1	8.45	1.86	0.80	0.220	2.333	10.620	1424.	33.	3.	758.1	29.8	1
2253	0	388	37.0196	88.3563	-807.7	QTC-1	6.47	2.17	1.01	0.336	2.160	6.425	1429.	45.	7.	758.7	29.8	1
2254	0	380	37.0196	88.3556	-806.2	QT-1	6.33	1.54	1.04	0.243	1.474	6.064	1353.	50.	4.	758.7	29.8	1
2255	0	384	37.0196	88.3549	-803.5	QT-1	5.55	2.72	0.66	0.490	4.134	8.443	1380.	34.	9.	758.7	29.7	1
2256	0	388	37.0196	88.3542	-803.7	QTC-1	6.04	2.65	0.96	0.438	2.763	6.301	1445.	53.	7.	759.7	29.8	1
2257	0	408	37.0196	88.3534	-804.7	QTC-1	5.59	1.60	1.14	0.287	1.403	4.895	1375.	54.	11.	758.7	29.8	1
2258	10	448	37.0196	88.3528	-803.0	QTC-1	5.48	1.46	0.94	0.0	0.0	5.810	1420.	42.	9.	758.1	29.8	1
2259	10	448	37.0195	88.3520	-802.0	QTC-1	6.61	1.51	0.93	0.0	0.0	7.103	1456.	39.	12.	759.2	29.7	1
2260	0	464	37.0195	88.3512	-799.7	QTC-1	7.53	2.33	1.06	0.309	2.197	7.100	1562.	44.	5.	758.7	29.8	1
2261	0	480	37.0195	88.3504	-799.5	QTC-1	7.49	2.50	1.26	0.333	1.984	5.956	1681.	30.	7.	758.7	29.8	1
2262	0	464	37.0195	88.3496	-802.0	QTC-1	4.98	5.92	1.02	1.189	5.785	4.867	1576.	33.	0.	759.2	29.9	1
2263	0	480	37.0195	88.3488	-798.7	QAL	7.06	2.65	1.40	0.375	1.893	5.047	1562.	45.	1.	758.1	29.8	1
2264	0	480	37.0195	88.3480	-793.2	QAL	6.45	2.56	1.05	0.396	2.444	6.170	1510.	41.	2.	758.1	29.9	1
2265	0	476	37.0195	88.3472	-791.7	QAL	9.43	2.90	1.12	0.307	2.579	8.393	1624.	26.	3.	758.7	29.9	1
2266	0	464	37.0195	88.3464	-786.0	QTC-1	6.15	2.72	1.01	0.442	2.693	6.094	1358.	48.	7.	758.1	30.0	1
2267	0	452	37.0195	88.3457	-786.7	QTC-1	6.08	1.83	1.07	0.301	1.710	5.683	1315.	49.	4.	758.1	30.1	1
2268	0	444	37.0195	88.3448	-789.0	QTC-1	7.77	3.14	0.76	0.405	4.159	10.282	1395.	32.	6.	758.1	30.2	1
2269	0	452	37.0195	88.3440	-786.0	QTC-1	7.33	2.96	0.68	0.405	4.378	10.820	1381.	36.	9.	758.1	30.3	1
2270	10	468	37.0195	88.3432	-788.7	QTC-1	6.35	1.08	1.06	0.0	0.0	5.998	1386.	43.	9.	758.7	30.3	1
2271	10	468	37.0195	88.3424	-789.0	QTC-1	7.63	0.90	0.78	0.0	0.0	9.719	1436.	33.	11.	757.6	30.2	1
2272	0	476	37.0195	88.3416	-780.7	QTC-1	6.39	1.83	0.95	0.286	1.931	6.754	1382.	43.	9.	757.6	30.2	1
2273	10	484	37.0195	88.3409	-780.7	QTC-1	6.55	1.48	0.87	0.0	0.0	7.518	1389.	38.	9.	758.7	30.2	1
2274	10	476	37.0195	88.3401	-782.7	QTC-1	4.88	0.30	1.15	0.0	0.0	4.225	1412.	49.	11.	757.6	30.2	1
2275	0	476	37.0195	88.3393	-776.2	QTC-1	3.85	3.07	1.11	0.798	2.777	3.482	1487.	39.	10.	757.6	30.2	1
2276	10	484	37.0195	88.3385	-774.7	QL	7.03	1.60	1.06	0.0	0.0	6.627	1444.	39.	8.	758.7	30.2	1
2277	0	476	37.0195	88.3377	-774.0	QL	4.92	3.37	0.93	0.685	3.622	5.288	1288.	46.	6.	757.6	30.1	1
2278	10	464	37.0194	88.3369	-773.0	QL	7.36	0.39	1.13	0.0	0.0	6.540	1288.	51.	6.	757.6	30.1	1
2279	10	480	37.0194	88.3362	-775.0	QTC-1	7.07	1.41	0.89	0.0	0.0	7.945	1333.	40.	9.	758.7	30.0	1

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*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2280	0	484	37.0194	88.3353	-773.2	QTC-1	5.82	4.19	1.11	0.720	3.762	5.224	1394.	35.	4.	758.7	30.0	1
2281	10	492	37.0194	88.3345	-772.7	QTC-1	7.32	1.62	1.24	0.0	0.0	5.922	1495.	46.	9.	758.7	30.0	1
2282	0	500	37.0194	88.3337	-773.5	QTC-1	5.50	4.12	1.12	0.749	3.662	4.890	1580.	41.	9.	759.7	30.0	1
2283	0	500	37.0194	88.3329	-774.0	QTC-1	6.99	2.44	1.33	0.349	1.831	5.242	1544.	47.	8.	758.7	30.0	1
2284	0	496	37.0194	88.3321	-771.2	QTC-1	7.01	1.81	0.96	0.258	1.877	7.270	1539.	41.	4.	757.6	30.0	1
2285	0	496	37.0194	88.3314	-768.5	QTC-1	6.41	4.77	0.88	0.745	5.434	7.298	1424.	50.	7.	759.7	30.0	1
2286	0	492	37.0194	88.3306	-765.0	QTC-1	6.93	3.93	1.08	0.567	3.624	6.394	1486.	36.	6.	758.7	30.1	1
2287	0	488	37.0194	88.3298	-766.0	QTC-1	5.82	2.87	0.95	0.493	3.026	6.132	1440.	41.	5.	757.6	30.2	1
2288	0	488	37.0194	88.3290	-762.2	QTC-1	7.49	3.26	1.07	0.435	3.038	6.982	1472.	45.	7.	758.7	30.3	1
2289	0	488	37.0194	88.3282	-758.0	QTC-1	5.64	2.68	0.97	0.475	2.761	5.812	1385.	46.	0.	758.7	30.3	1
2290	0	472	37.0194	88.3274	-760.5	QTC-1	8.05	1.93	1.12	0.240	1.717	7.159	1471.	40.	0.	757.6	30.2	1
2291	0	464	37.0193	88.3266	-759.0	QTC-1	4.98	2.96	1.16	0.595	2.555	4.296	1486.	39.	0.	758.7	30.2	1
2292	0	468	37.0193	88.3258	-755.0	QT-2	6.32	4.25	1.32	0.672	3.221	4.792	1576.	45.	0.	759.2	30.2	1
2293	0	488	37.0193	88.3250	-757.0	QT-2	11.34	2.66	1.10	0.234	2.414	10.306	1643.	37.	0.	758.1	30.2	1
2294	0	496	37.0193	88.3242	-754.2	QT-2	8.46	4.84	1.10	0.572	4.415	7.718	1670.	46.	3.	758.7	30.2	1
2295	0	492	37.0193	88.3234	-748.0	QT-2	7.49	3.37	1.14	0.449	2.959	6.585	1730.	41.	8.	758.7	30.2	1
2296	0	492	37.0193	88.3226	-746.5	QT-2	10.16	2.84	1.27	0.280	2.239	8.010	1753.	43.	5.	757.6	30.2	1
2297	0	492	37.0193	88.3219	-745.0	QT-2	9.80	2.88	1.07	0.294	2.689	9.143	1694.	50.	7.	758.7	30.1	1
2298	0	492	37.0193	88.3210	-742.5	QT-2	6.69	3.40	1.22	0.508	2.794	5.497	1688.	42.	9.	759.7	30.0	1
2299	0	492	37.0193	88.3203	-742.0	QT-2	8.16	1.92	1.33	0.235	1.447	6.155	1694.	38.	10.	758.7	30.0	1
2300	10	488	37.0193	88.3195	-741.5	QT-2	7.75	1.75	1.24	0.0	0.0	6.246	1683.	32.	14.	758.7	30.1	1
2301	0	488	37.0192	88.3186	-740.7	QT-2	6.93	2.67	1.02	0.385	2.609	6.774	1589.	42.	11.	759.7	30.1	1
2302	10	496	37.0192	88.3178	-735.0	QT-2	10.50	1.19	1.01	0.0	0.0	10.417	1636.	32.	4.	758.7	30.1	1
2303	0	496	37.0192	88.3170	-732.2	QT-2	7.67	3.70	1.12	0.483	3.313	6.863	1569.	30.	4.	757.6	30.0	1
2304	0	500	37.0192	88.3162	-735.5	QT-2	7.27	4.22	1.21	0.580	3.498	6.030	1617.	39.	4.	758.7	30.1	1
2305	0	504	37.0192	88.3155	-733.0	QT-2	7.19	4.59	1.17	0.639	3.941	6.165	1624.	51.	0.	757.6	30.2	1
2306	0	504	37.0192	88.3147	-730.0	QT-2	9.77	3.00	1.15	0.307	2.613	8.521	1683.	36.	3.	757.1	30.2	1
2307	0	512	37.0192	88.3139	-729.2	QT-2	9.14	2.38	1.10	0.260	2.171	8.343	1657.	28.	6.	759.2	30.2	1
2308	10	516	37.0192	88.3131	-728.7	QT-2	7.73	1.79	1.10	0.0	0.0	7.001	1736.	37.	8.	758.1	30.2	1
2309	0	520	37.0192	88.3123	-726.5	QT-2	8.28	3.26	1.05	0.393	3.095	7.869	1655.	34.	9.	756.1	30.4	1
2310	0	524	37.0192	88.3115	-723.0	QT-2	9.06	2.63	1.05	0.291	2.517	8.658	1712.	29.	9.	758.1	30.4	1
2311	0	528	37.0192	88.3107	-722.0	QT-2	6.71	3.45	1.37	0.513	2.510	4.889	1667.	36.	14.	758.7	30.3	1
2312	10	532	37.0192	88.3099	-724.7	QT-2	8.61	1.66	1.25	0.0	0.0	6.885	1623.	40.	11.	756.6	30.3	1
2313	0	536	37.0192	88.3091	-724.2	QT-2	7.58	2.91	1.13	0.384	2.585	6.733	1530.	41.	11.	757.6	30.3	1
2314	0	544	37.0192	88.3083	-721.7	QT-2	8.83	2.43	1.09	0.275	2.235	8.112	1579.	32.	4.	758.7	30.2	1
2315	0	548	37.0192	88.3075	-715.7	QT-2	8.09	2.41	1.32	0.298	1.819	6.109	1722.	40.	8.	756.6	30.2	1
2316	0	544	37.0192	88.3067	-711.0	QT-2	5.85	3.50	1.24	0.599	2.826	4.718	1670.	36.	9.	757.6	30.1	1
2317	10	544	37.0192	88.3059	-709.0	QT-2	5.96	1.70	1.13	0.0	0.0	5.254	1583.	50.	13.	758.7	30.1	1
2318	0	536	37.0191	88.3051	-707.5	QT-2	5.65	3.87	1.16	0.684	3.337	4.878	1569.	47.	8.	756.6	30.1	1
2319	0	532	37.0191	88.3044	-707.5	QT-2	7.49	1.93	0.99	0.258	1.940	7.532	1603.	46.	8.	756.6	30.1	1
2320	0	528	37.0191	88.3036	-707.0	QT-2	7.93	2.02	1.24	0.255	1.637	6.412	1573.	31.	9.	758.7	30.1	1
2321	0	520	37.0191	88.3028	-700.5	QT-2	9.75	4.05	0.76	0.416	5.361	12.898	1703.	28.	3.	758.7	30.1	1
2322	10	520	37.0191	88.3020	-698.7	QT-2	8.33	1.32	1.04	0.0	0.0	7.969	1585.	50.	3.	756.6	30.1	1
2323	0	512	37.0191	88.3011	-696.7	QT-2	5.04	3.27	1.14	0.649	2.866	4.416	1623.	34.	7.	758.7	29.9	1
2324	0	520	37.0191	88.3004	-693.7	QT-2	9.89	2.80	0.92	0.283	3.045	10.746	1527.	41.	7.	758.7	30.1	1
2325	0	520	37.0191	88.2995	-695.0	QT-2	5.86	4.73	1.01	0.807	4.674	5.789	1525.	47.	5.	757.6	30.1	1
2326	0	516	37.0191	88.2988	-693.5	QT-2	4.56	2.71	1.25	0.595	2.169	3.643	1444.	55.	5.	759.2	30.1	1
2327	0	512	37.0191	88.2980	-689.7	QT-2	9.42	4.31	0.86	0.457	5.036	11.016	1619.	43.	1.	759.2	30.1	1
2328	0	508	37.0191	88.2972	-687.0	QT-2	7.39	2.02	0.98	0.273	2.057	7.522	1620.	35.	2.	757.6	30.1	1
2329	0	500	37.0191	88.2964	-686.7	QT-2	10.07	3.08	0.88	0.306	3.500	11.428	1694.	47.	1.	758.7	30.1	1
2330	0	500	37.0191	88.2956	-688.2	QT-2	5.83	4.25	1.08	0.729	3.943	5.411	1666.	40.	5.	758.1	30.1	1
2331	0	496	37.0191	88.2949	-685.2	QT-2	8.48	2.23	1.15	0.263	1.934	7.360	1728.	39.	0.	757.1	30.1	1
2332	0	504	37.0191	88.2941	-683.5	QT-2	9.12	4.36	1.22	0.478	3.574	7.479	1845.	44.	0.	758.7	30.1	1

CP 9 LP 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2333	0	512	37.0191	88.2932	-684.2	QT-2	12.56	3.92	1.38	0.312	2.830	9.071	1954.	38.	0.	758.7	30.1	1
2334	0	512	37.0190	88.2924	-682.2	QT-2	6.92	4.12	0.97	0.596	4.261	7.152	1775.	43.	0.	758.1	30.1	1
2335	0	512	37.0190	88.2916	-682.5	QT-2	8.33	2.79	1.49	0.335	1.876	5.597	1854.	44.	0.	758.1	30.1	1
2336	10	508	37.0190	88.2908	-684.2	QT-2	[illegible]	1.20	1.35	0.0	0.0	7.360	1721.	42.	1.	758.1	30.1	1
2337	0	504	37.0190	88.2901	-679.0	QT-2	[illegible]	3.81	0.98	0.384	3.906	10.170	1634.	32.	0.	758.7	30.1	1
2338	0	496	37.0190	88.2893	-674.7	QT-2	6.41	4.01	1.00	0.626	4.003	6.390	1525.	29.	2.	759.2	30.1	1
2339	10	492	37.0190	88.2885	-671.5	QT-2	9.08	1.17	1.09	0.0	0.0	8.304	1442.	38.	0.	758.1	30.1	1
2340	0	508	37.0190	88.2877	-657.5	QT-2	6.50	2.06	1.11	0.316	1.847	5.836	1490.	37.	7.	758.1	30.1	1
2341	0	524	37.0190	88.2869	-646.7	QT-2	11.17	3.12	1.12	0.280	2.796	9.998	1639.	26.	2.	758.7	30.0	1
2342	0	524	37.0190	88.2861	-644.7	QT-2	8.16	3.00	1.36	0.368	2.214	6.020	1661.	43.	4.	758.7	30.0	1
2343	0	524	37.0189	88.2854	-646.5	QT-2	7.53	3.34	1.43	0.444	2.339	5.271	1776.	39.	5.	758.1	30.0	1
2344	0	520	37.0189	88.2845	-654.5	QT-2	7.34	2.21	1.18	0.302	1.870	6.196	1644.	52.	3.	757.1	30.0	1
2345	0	524	37.0189	88.2837	-659.7	QT-2	8.28	3.33	1.21	0.403	2.760	6.854	1676.	37.	3.	758.1	30.0	1
2346	0	524	37.0189	88.2829	-659.0	QT-2	7.01	2.43	1.44	0.346	1.687	4.870	1468.	32.	2.	758.7	30.1	1
2347	0	512	37.0189	88.2821	-658.2	QAL	9.48	4.03	0.77	0.425	5.235	12.308	1468.	34.	4.	758.7	30.0	1
2348	10	464	37.0189	88.2813	-657.7	QAL	5.49	-0.01	0.68	0.0	0.0	8.033	982.	54.	7.	758.1	30.0	1
2349	0	484	37.0189	88.2805	-655.5	QAL	4.48	2.01	0.70	0.448	2.883	6.434	906.	34.	6.	757.6	30.0	1
2350	10	540	37.0189	88.2798	-655.5	QAL	3.33	1.16	0.36	0.0	0.0	9.207	726.	53.	8.	758.7	30.0	1
2351	10	540	37.0189	88.2790	-658.2	QAL	2.62	1.00	0.41	0.0	0.0	6.358	571.	38.	11.	758.1	30.0	1
2352	11	540	37.0189	88.2782	-655.5	QAL	2.15	0.36	0.12	0.0	0.0	0.0	428.	26.	10.	757.1	30.1	1
2353	111	540	37.0189	88.2774	-647.7	(WATER)	1.21	0.29	0.02	0.0	0.0	0.0	267.	38.	12.	758.1	30.2	1
2354	11	548	37.0189	88.2766	-646.2	(WATER)	1.65	-0.39	0.19	0.0	0.0	0.0	277.	40.	12.	758.7	30.2	
2355	10	552	37.0189	88.2757	-647.7	(WATER)	1.73	-0.64	0.28	0.0	0.0	6.177	313.	34.	10.	758.1	30.2	1
2356	10	552	37.0189	88.2750	-643.7	(WATER)	2.80	-0.06	0.26	0.0	0.0	10.857	481.	35.	9.	758.1	30.1	1
2357	0	548	37.0189	88.2742	-641.2	(WATER)	1.53	1.50	0.42	0.980	3.583	3.655	606.	43.	5.	758.1	30.1	1
2358	0	536	37.0188	88.2734	-638.7	(WATER)	3.18	2.28	0.44	0.716	5.123	7.156	727.	37.	8.	758.7	30.1	1
2359	0	496	37.0188	88.2726	-637.2	(WATER)	4.07	2.11	0.64	0.520	3.306	6.363	811.	40.	1.	758.1	30.2	1
2360	0	500	37.0188	88.2718	-639.5	QAL	4.35	2.52	0.64	0.580	3.954	6.818	1022.	37.	3.	758.1	30.2	1
2361	0	512	37.0188	88.2710	-639.0	QAL	6.14	1.87	0.95	0.304	1.958	6.435	1182.	40.	4.	758.1	30.2	1
2362	0	492	37.0188	88.2702	-637.0	QAL	5.74	2.94	0.44	0.512	6.606	12.894	1135.	45.	7.	757.1	30.2	1
2363	0	460	37.0188	88.2694	-636.7	QAL	3.72	2.69	0.73	0.724	3.681	5.086	1080.	38.	7.	757.6	30.2	1
2364	10	476	37.0188	88.2687	-635.0	QAL	6.17	0.44	0.73	0.0	0.0	8.492	998.	39.	9.	758.1	30.2	1
2365	10	508	37.0188	88.2678	-631.0	QAL	5.69	1.15	0.70	0.0	0.0	8.160	1132.	49.	13.	757.6	30.2	1
2366	0	512	37.0188	88.2670	-631.5	MM	4.68	2.23	0.63	0.477	3.555	7.448	1163.	46.	11.	757.6	30.1	1
2367	0	508	37.0188	88.2662	-633.2	MM	5.35	2.15	0.79	0.402	2.707	6.737	1159.	40.	8.	757.1	30.2	1
2368	0	512	37.0188	88.2655	-626.5	MM	4.18	1.86	0.82	0.445	2.278	5.121	1167.	47.	9.	756.6	30.2	1
2369	10	512	37.0188	88.2646	-623.7	MM	5.22	0.67	0.68	0.0	0.0	7.658	1119.	48.	5.	756.6	30.2	1
2370	0	464	37.0188	88.2639	-626.5	MM	5.03	2.48	0.74	0.494	3.354	6.795	1137.	50.	3.	756.6	30.3	1
2371	0	448	37.0188	88.2630	-625.0	MM	3.61	3.07	0.38	0.850	8.106	9.532	1086.	56.	2.	757.6	30.3	1
2372	0	420	37.0188	88.2623	-622.5	MM	5.61	1.39	0.53	0.247	2.619	10.595	1069.	35.	3.	757.1	30.2	1
2373	10	408	37.0188	88.2615	-621.5	MM	5.07	0.71	0.68	0.0	0.0	7.400	994.	42.	2.	756.6	30.2	1
2374	10	416	37.0187	88.2607	-617.5	MM	4.79	0.77	0.67	0.0	0.0	7.174	964.	41.	5.	755.5	30.2	1
2375	0	436	37.0187	88.2599	-617.0	MM	3.89	1.70	0.57	0.438	3.011	6.880	902.	45.	4.	755.5	30.2	1
2376	10	456	37.0187	88.2591	-617.2	MM	3.82	0.77	0.56	0.0	0.0	6.779	959.	46.	5.	757.6	30.2	1
2377	0	480	37.0187	88.2583	-613.7	MM	6.10	2.06	0.46	0.338	4.452	13.187	971.	37.	8.	757.1	30.1	1
2378	10	484	37.0187	88.2575	-611.0	MM	6.62	1.10	0.36	0.0	0.0	19.150	1015.	28.	10.	756.6	30.1	1
2379	10	492	37.0187	88.2567	-608.7	MM	4.16	1.13	0.65	0.0	0.0	6.381	959.	41.	12.	756.6	30.0	1
2380	10	524	37.0187	88.2559	-597.2	MM	3.80	1.13	0.91	0.0	0.0	4.195	1014.	39.	12.	755.0	30.0	1
2381	10	520	37.0187	88.2551	-579.5	MM	3.91	0.56	0.47	0.0	0.0	8.381	908.	37.	18.	755.5	29.9	1
2382	0	536	37.0187	88.2544	-577.7	MM	4.34	3.86	0.49	0.890	7.883	8.857	978.	30.	11.	756.1	29.9	1
2383	10	544	37.0187	88.2536	-592.5	(WATER)	4.37	1.80	0.45	0.0	0.0	9.734	954.	34.	13.	755.5	29.9	1
2384	10	540	37.0186	88.2528	-596.2	(WATER)	3.40	1.16	0.88	0.0	0.0	3.887	1066.	39.	14.	755.0	29.9	1
2385	0	564	37.0186	88.2520	-589.5	(WATER)	4.04	2.28	0.67	0.564	3.404	6.034	1103.	47.	9.	755.0	30.0	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2386	0	548	37.0186	88.2512	-594.0	(WATER)	4.45	5.50	0.47	1.238	11.688	9.442	1106.	35.	8.	755.5	29.9	1
2387	0	540	37.0186	88.2503	-599.5	MM	3.98	3.36	0.51	0.844	6.641	7.869	1075.	36.	7.	755.5	29.9	1
2388	0	544	37.0186	88.2496	-598.0	MM	4.99	2.04	0.44	0.410	4.678	11.423	1012.	33.	6.	755.5	29.9	1
2389	10	568	37.0186	88.2487	-597.2	MM	5.21	0.40	0.93	0.0	0.0	5,611	1078.	45.	9.	755.5	29.9	1
2390	10	532	37.0186	88.2480	-599.0	MM	7.13	-1.84	0.69	0.0	0.0	10.393	1036.	58.	9.	755.5	29.9	1
2391	10	524	37.0186	88.2472	-597.0	MM	4.94	0.54	0.92	0.0	0.0	5.385	1149.	45.	9.	755.0	30.0	1
2392	0	496	37.0186	88.2464	-592.2	MM	4.99	1.84	0.75	0.370	2.453	6.629	1135.	45.	5.	755.0	30.0	1
2393	10	496	37.0186	88.2456	-586.5	MM	6.50	0.56	0.82	0.0	0.0	7.912	1083.	42.	5.	755.5	30.0	1
2394	0	460	37.0186	88.2448	-581.5	MM	4.48	1.53	0.33	0.342	4.619	13.501	942.	49.	7.	755.5	30.0	1
2395	10	492	37.0186	88.2440	-581.7	MM	4.67	0.06	0.60	0.0	0.0	7.735	968.	36.	8.	755.0	29.9	1
2396	0	492	37.0186	88.2433	-581.7	MM	5.48	2.32	0.81	0.423	2.876	6.791	1167.	31.	5.	756.1	29.9	1
2397	0	484	37.0186	88.2425	-582.5	MM	3.98	1.71	0.65	0.430	2.640	6.136	1041.	38.	10.	757.1	29.9	1
2398	0	496	37.0186	88.2417	-584.2	MM	7.03	1.73	0.66	0.246	2.602	10.589	1103.	32.	6.	756.1	29.9	1
2399	0	492	37.0186	88.2410	-586.7	MM	6.28	2.80	0.47	0.446	5.965	13.382	1060.	27.	9.	756.1	29.9	1
2400	0	516	37.0186	88.2403	-586.7	MM	3.34	4.67	0.81	1.398	5.786	4.140	1131.	49.	3.	756.1	29.9	1
2401	10	540	37.0186	88.2394	-585.7	MM	5.56	1.37	0.83	0.0	0.0	6.718	1237.	54.	11.	756.1	29.9	1
2402	10	544	37.0186	88.2387	-586.5	MM	6.37	0.74	0.86	0.0	0.0	7.410	1254.	44.	13.	756.1	29.9	1
2403	0	520	37.0186	88.2380	-586.7	MM	5.48	3.96	0.56	0.723	7.131	9.864	1200.	42.	9.	756.1	30.0	1
2404	0	496	37.0186	88.2373	-582.7	MM	3.82	3.52	0.75	0.923	4.674	5.066	1146.	39.	3.	756.6	30.0	1
2405	0	456	37.0186	88.2365	-583.0	MM	4.16	2.52	0.39	0.606	6.408	10.578	996.	28.	11.	756.6	30.0	1
2406	10	460	37.0187	88.2358	-585.7	MM	3.64	1.34	0.58	0.0	0.0	6.297	893.	57.	9.	755.5	30.0	1
2407	10	456	37.0187	88.2351	-581.5	MM	3.68	1.06	0.59	0.0	0.0	6.195	982.	27.	9.	755.5	30.0	1
2408	0	484	37.0186	88.2344	-579.5	MM	4.78	2.35	0.77	0.492	3.070	6.235	1005.	32.	3.	756.6	30.1	1
2409	10	524	37.0186	88.2336	-583.7	MM	5.60	1.68	0.55	0.0	0.0	10.089	1123.	43.	9.	756.6	30.1	1
2410	10	468	37.0187	88.2329	-584.5	MM	4.24	1.07	0.67	0.0	0.0	6.350	1010.	36.	8.	756.6	30.1	1
2411	0	476	37.0187	88.2322	-584.0	MM	5.10	2.48	0.53	0.487	4.660	9.573	1119.	33.	6.	757.1	30.0	1
2412	0	496	37.0187	88.2314	-583.5	MM	3.56	2.81	0.80	0.789	3.492	4.424	1156.	43.	9.	757.1	30.0	1
2413	10	520	37.0187	88.2307	-583.5	MM	6.62	1.66	0.84	0.0	0.0	7.907	1215.	28.	10.	756.6	30.0	1
2414	10	524	37.0187	88.2299	-582.7	MM	4.36	1.39	0.77	0.0	0.0	5.700	1276.	40.	11.	756.6	30.0	1
2415	0	524	37.0187	88.2292	-582.0	MM	4.02	2.94	0.85	0.732	3.469	4.738	1305.	54.	10.	757.1	30.0	1
2416	0	552	37.0187	88.2285	-582.0	MM	7.86	3.65	0.60	0.465	6.082	13.073	1389.	36.	8.	756.1	30.0	1
2417	0	504	37.0187	88.2277	-587.0	MM	6.99	2.28	0.87	0.327	2.631	8.053	1265.	39.	9.	755.5	30.0	1
2418	10	500	37.0188	88.2270	-589.5	MM	6.35	0.91	0.88	0.0	0.0	7.208	1202.	49.	3.	756.6	30.1	1
2419	10	504	37.0188	88.2263	-589.0	MM	5.61	1.31	0.61	0.0	0.0	9.147	1169.	45.	5.	756.6	30.1	1
2420	0	504	37.0188	88.2256	-592.7	QAL	4.92	2.30	0.34	0.467	6.715	14.395	939.	46.	5.	756.6	30.1	1
2421	0	544	37.0188	88.2248	-600.7	QAL	2.89	1.83	0.56	0.632	3.274	5.177	927.	47.	8.	757.6	30.0	1
2422	10	568	37.0188	88.2241	-608.2	QAL	4.76	-1.10	0.60	0.0	0.0	7.982	710.	45.	13.	757.1	30.0	1
2423	10	608	37.0188	88.2233	-614.5	QAL	2.38	-0.83	0.37	0.0	0.0	6.365	570.	48.	18.	756.6	30.0	1
2424	111	612	37.0188	88.2226	-614.7	(WATER)	1.40	-0.20	0.20	0.0	0.0	0.0	407.	41.	14.	757.1	30.0	1
2425	111	616	37.0188	88.2218	-615.5	(WATER)	0.19	-1.21	0.02	0.0	0.0	0.0	314.	35.	15.	756.6	29.9	1
2426	110	620	37.0189	88.2212	-614.2	(WATER)	-0.08	-1.08	0.25	0.0	0.0	0.0	304.	38.	14.	756.6	30.0	1
2427	101	620	37.0189	88.2204	-588.0	(WATER)	0.37	2.53	0.11	0.0	0.0	0.0	353.	32.	13.	756.6	29.9	1
2428	111	620	37.0188	88.2197	-521.0	QAL	0.96	-0.40	0.08	0.0	0.0	0.0	333.	32.	14.	756.1	29.9	1
2429	11	624	37.0188	88.2189	-446.7	QAL	1.78	-0.16	0.01	0.0	0.0	0.0	376.	43.	5.	756.6	29.9	1
2430	100	604	37.0189	88.2182	-423.2	QAL	0.83	1.52	0.37	0.0	4.166	0.0	532.	39.	4.	755.5	29.9	1
2431	100	568	37.0189	88.2175	-460.0	QAL	1.22	1.75	0.40	0.0	4.332	0.0	588.	41.	4.	755.0	29.8	1
2432	1	564	37.0189	88.2167	-511.0	QAL	1.53	1.87	0.10	1.225	0.0	0.0	462.	45.	1.	756.1	29.9	1
2433	101	592	37.0189	88.2160	-554.5	QAL	1.14	3.05	0.22	0.0	0.0	0.0	506.	37.	4.	756.1	29.9	1
2434	101	600	37.0189	88.2152	-585.2	QAL	1.46	2.23	0.07	0.0	0.0	0.0	506.	37.	0.	756.6	29.9	1
2435	11	604	37.0189	88.2145	-598.2	QAL	2.05	1.25	0.07	0.0	0.0	0.0	445.	32.	5.	756.1	30.0	1
2436	111	604	37.0189	88.2138	-599.2	QAL	0.94	1.26	0.16	0.0	0.0	0.0	403.	41.	4.	755.0	29.9	1
2437	111	608	37.0189	88.2131	-592.2	QAL	0.55	1.35	0.02	0.0	0.0	0.0	285.	43.	3.	755.5	29.9	1
2438	111	604	37.0190	88.2124	-585.7	QAL	1.11	-0.70	0.16	0.0	0.0	0.0	220.	49.	7.	755.5	29.9	1

CP9 IP 12

* ID	TAGS QUAL	ALT	* LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
2439	111	604	37.0190	88.2116	-582.7	QAL	0.74	1.07	0.10	0.0	0.0	0.0	257.	30.	0.	755.0	29.8	1
2440	101	604	37.0190	88.2108	-579.7	(WATER)	-0.20	3.01	-0.24	0.0	0.0	0.0	211.	44.	1.	755.5	29.8	1
2441	111	600	37.0189	88.2101	-578.0	(WATER)	-0.08	0.24	0.01	0.0	0.0	0.0	219.	38.	6.	755.5	29.7	1
2442	111	596	37.0190	88.2094	-579.7	(WATER)	-0.08	1.07	-0.08	0.0	0.0	0.0	129.	46.	0.	755.0	29.7	1
2443	111	592	37.0190	88.2087	-577.7	(WATER)	-0.10	1.09	-0.02	0.0	0.0	0.0	141.	41.	2.	755.0	29.7	1
2444	101	588	37.0190	88.2079	-575.2	(WATER)	-0.16	1.79	-0.09	0.0	0.0	0.0	78.	51.	2.	755.5	29.7	1
2445	111	584	37.0190	88.2072	-579.7	(WATER)	0.45	-0.26	0.00	0.0	0.0	0.0	127.	47.	6.	756.1	29.7	1
2446	111	580	37.0190	88.2064	-580.0	(WATER)	-0.02	0.59	-0.08	0.0	0.0	0.0	128.	42.	3.	755.5	29.7	1
2447	111	572	37.0190	88.2057	-574.7	(WATER)	-0.15	1.05	-0.11	0.0	0.0	0.0	161.	38.	6.	755.5	29.7	1
2448	111	568	37.0190	88.2050	-572.5	(WATER)	-0.11	-0.20	-0.05	0.0	0.0	0.0	71.	51.	12.	756.1	29.8	1
2449	111	564	37.0190	88.2043	-576.2	(WATER)	1.05	-1.43	0.06	0.0	0.0	0.0	124.	38.	15.	757.1	29.7	1
2450	111	560	37.0191	88.2036	-580.2	(WATER)	0.61	-1.73	0.11	0.0	0.0	0.0	147.	39.	18.	757.6	29.8	1
2451	111	560	37.0191	88.2028	-577.5	(WATER)	0.07	-1.13	-0.03	0.0	0.0	0.0	134.	28.	13.	757.6	29.7	1
2452	111	556	37.0191	88.2020	-576.2	(WATER)	0.58	-2.07	0.07	0.0	0.0	0.0	118.	37.	19.	756.6	29.7	1
2453	111	556	37.0191	88.2013	-578.0	(WATER)	0.28	-1.24	-0.06	0.0	0.0	0.0	166.	32.	18.	756.1	29.7	1
2454	111	552	37.0190	88.2006	-572.2	(WATER)	-0.09	-0.64	0.02	0.0	0.0	0.0	101.	40.	13.	757.6	29.7	1
2455	111	548	37.0191	88.1999	-574.0	(WATER)	0.48	-1.65	-0.05	0.0	0.0	0.0	124.	45.	15.	757.6	29.7	1
2456	110	548	37.0191	88.1991	-579.2	(WATER)	0.50	-1.79	0.20	0.0	0.0	0.0	126.	30.	15.	756.6	29.7	1
2457	111	548	37.0191	88.1983	-578.5	(WATER)	-0.01	-1.05	0.16	0.0	0.0	0.0	84.	47.	9.	757.6	29.7	1
2458	111	544	37.0191	88.1977	-578.5	(WATER)	-0.05	-0.81	0.04	0.0	0.0	0.0	122.	36.	11.	758.1	29.7	1
2459	111	548	37.0191	88.1969	-581.7	(WATER)	-0.08	0.24	-0.01	0.0	0.0	0.0	160.	37.	7.	757.6	29.7	1
2460	111	552	37.0191	88.1962	-581.0	(WATER)	0.41	-0.91	0.08	0.0	0.0	0.0	180.	43.	8.	757.1	29.7	1
2461	11	556	37.0191	88.1955	-580.0	(WATER)	1.45	-0.51	0.09	0.0	0.0	0.0	282.	30.	7.	756.1	29.7	1
2462	10	560	37.0191	88.1947	-578.5	(WATER)	2.10	-1.49	0.47	0.0	0.0	4.488	413.	29.	9.	757.1	29.7	1
2463	11	564	37.0192	88.1939	-578.0	(WATER)	2.75	0.71	0.07	0.0	0.0	0.0	459.	35.	8.	756.6	29.7	1
2464	110	568	37.0192	88.1932	-577.2	(WATER)	0.92	0.00	0.28	0.0	0.0	0.0	509.	36.	8.	756.1	29.7	1
2465	110	572	37.0192	88.1925	-580.5	(WATER)	0.89	-0.27	0.29	0.0	0.0	0.0	488.	35.	13.	758.1	29.7	1
2466	110	572	37.0192	88.1918	-582.2	(WATER)	0.57	-0.37	0.23	0.0	0.0	0.0	410.	38.	14.	757.1	29.7	1
2467	11	568	37.0192	88.1910	-582.2	(WATER)	2.25	-1.12	0.08	0.0	0.0	0.0	399.	42.	16.	756.6	29.7	1
2468	110	568	37.0192	88.1903	-585.0	(WATER)	1.04	-1.12	0.33	0.0	0.0	0.0	447.	38.	17.	758.7	29.7	1
2469	11	564	37.0192	88.1896	-585.7	(WATER)	2.27	0.32	0.17	0.0	0.0	0.0	538.	38.	14.	757.1	29.7	1
2470	10	564	37.0192	88.1889	-581.2	(WATER)	2.58	0.77	0.70	0.0	0.0	3.681	837.	37.	8.	757.6	29.7	1
2471	0	556	37.0193	88.1881	-583.0	MM	4.11	4.09	0.48	0.996	8.459	8.489	1110.	32.	3.	758.7	29.6	1
2472	0	540	37.0192	88.1874	-580.7	MM	3.39	2.32	0.82	0.685	2.822	4.117	1228.	52.	6.	756.1	29.7	1
2473	0	492	37.0192	88.1866	-576.7	MM	5.20	2.50	0.97	0.480	2.572	5.356	1160.	43.	2.	756.1	29.7	1
2474	0	484	37.0192	88.1859	-582.2	MM	4.92	3.28	0.63	0.667	5.208	7.807	1247.	34.	3.	757.6	29.7	1
2475	0	488	37.0193	88.1851	-584.7	MM	4.46	4.24	0.67	0.951	6.312	6.640	1257.	45.	0.	756.6	29.7	1
2476	0	512	37.0193	88.1844	-576.5	MM	8.27	2.57	0.98	0.311	2.620	8.436	1287.	46.	2.	757.6	29.7	1
2477	0	532	37.0193	88.1837	-579.7	MM	4.13	3.90	0.84	0.944	4.622	4.893	1394.	39.	4.	758.7	29.6	1
2478	0	540	37.0193	88.1830	-581.5	MM	5.26	2.97	0.72	0.566	4.118	7.280	1318.	34.	6.	756.6	29.6	1
2479	0	548	37.0193	88.1822	-580.0	MM	6.33	1.87	0.84	0.295	2.218	7.512	1353.	43.	5.	756.6	29.6	1
2480	0	552	37.0193	88.1815	-583.2	MM	5.82	3.60	0.74	0.619	4.880	7.887	1481.	39.	6.	758.7	29.6	1
2481	0	556	37.0193	88.1808	-584.0	MM	5.94	2.86	0.91	0.481	3.157	6.561	1444.	37.	6.	756.6	29.6	1
2482	10	552	37.0193	88.1801	-580.0	MM	5.93	0.81	0.94	0.0	0.0	6.276	1492.	44.	8.	756.6	29.6	1
2483	0	492	37.0194	88.1792	-585.0	MM	4.96	5.48	0.57	1.105	9.623	8.708	1348.	46.	1.	758.7	29.6	1
2484	0	456	37.0194	88.1785	-584.2	MM	5.67	2.23	0.88	0.393	2.526	6.420	1252.	44.	5.	757.6	29.6	1
2485	0	460	37.0194	88.1778	-584.2	MM	5.16	3.90	0.93	0.756	4.212	5.570	1238.	48.	1.	756.1	29.6	1
2486	10	456	37.0194	88.1771	-589.7	MM	6.65	1.27	0.82	0.0	0.0	8.113	1251.	38.	4.	758.1	29.6	1
2487	0	444	37.0194	88.1763	-587.7	MM	3.98	3.61	0.69	0.907	5.199	5.730	1210.	40.	0.	758.1	29.6	1
2488	0	416	37.0194	88.1756	-583.7	MM	3.33	1.56	0.83	0.467	1.868	4.000	1187.	44.	4.	756.1	29.6	1
2489	0	420	37.0194	88.1749	-585.7	MM	5.71	2.62	0.88	0.459	2.992	6.514	1271.	42.	1.	756.1	29.6	1
2490	10	448	37.0194	88.1742	-586.2	MM	7.21	1.50	1.09	0.0	0.0	6.616	1407.	49.	4.	758.1	29.6	1
2491	0	468	37.0194	88.1734	-588.2	MM	7.37	3.02	0.85	0.410	3.533	8.626	1360.	27.	0.	757.1	29.6	1

CP9 1P12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2492	0	472	37.0194	88.1727	-591.7	MM	4.62	2.85	1.15	0.617	2.472	4.004	1432.	44.	4.	755.0	29.6	1
2493	0	468	37.0194	88.1720	-591.0	MM	5.38	2.29	0.71	0.426	3.221	7.554	1331.	41.	5.	756.1	29.5	1
2494	0	468	37.0194	88.1713	-589.0	MM	8.08	2.79	0.93	0.346	2.996	8.667	1351.	38.	3.	758.1	29.7	1
2495	0	476	37.0195	88.1704	-587.7	MM	6.16	2.77	0.79	0.449	3.495	7.779	1400.	36.	2.	758.1	29.7	1
2496	0	480	37.0195	88.1697	-590.5	MM	6.88	2.26	0.78	0.328	2.903	8.846	1416.	35.	4.	756.1	29.7	1
2497	0	484	37.0195	88.1690	-592.7	MM	5.86	2.45	0.90	0.418	2.734	6.546	1369.	38.	5.	757.1	29.7	1
2498	0	460	37.0195	88.1682	-593.0	MM	5.95	2.44	0.74	0.411	3.283	7.995	1412.	44.	9.	758.7	29.7	1
2499	10	432	37.0195	88.1675	-595.0	MM	5.97	1.06	0.73	0.0	0.0	8.212	1300.	45.	7.	756.6	29.7	1
2500	10	436	37.0195	88.1668	-593.5	MM	6.50	1.13	0.79	0.0	0.0	8.234	1316.	39.	7.	755.5	29.8	1
2501	0	440	37.0195	88.1661	-592.5	MM	8.31	1.54	0.94	0.185	1.644	8.884	1321.	43.	3.	757.6	29.7	1
2502	0	464	37.0195	88.1653	-596.7	MM	5.12	3.25	0.72	0.635	4.518	7.112	1333.	39.	2.	757.6	29.7	1
2503	0	444	37.0196	88.1646	-594.2	MM	4.41	2.18	0.78	0.495	2.787	5.633	1214.	49.	3.	755.5	29.7	1
2504	0	436	37.0196	88.1639	-592.5	MM	4.56	3.90	0.88	0.856	4.452	5.200	1296.	38.	0.	756.6	29.8	1
2505	0	432	37.0195	88.1632	-598.0	MM	5.15	3.47	0.80	0.673	4.309	6.398	1307.	42.	0.	757.6	29.8	1
2506	0	400	37.0195	88.1624	-599.5	MM	4.21	2.65	0.84	0.630	3.157	5.014	1181.	59.	0.	756.6	29.7	1
2507	0	400	37.0195	88.1617	-596.2	MM	5.76	2.29	0.91	0.398	2.531	6.364	1274.	27.	0.	758.7	29.7	1
2508	0	384	37.0196	88.1609	-597.7	MM	4.95	2.03	1.01	0.410	2.004	4.881	1259.	33.	5.	758.7	29.7	1
2509	0	364	37.0196	88.1602	-597.7	MM	3.39	3.13	0.89	0.922	3.523	3.819	1307.	42.	8.	756.6	29.7	1
2510	0	344	37.0196	88.1595	-596.7	MM	5.42	3.22	0.59	0.594	5.408	9.106	1262.	43.	11.	756.6	29.6	1
2511	0	352	37.0196	88.1587	-599.7	MM	4.03	1.49	0.93	0.370	1.612	4.353	1205.	36.	13.	757.6	29.7	1
2512	10	364	37.0196	88.1580	-601.2	MM	4.73	1.32	0.65	0.0	0.0	7.317	1176.	45.	20.	7[illegible].6	29.7	1
2513	10	392	37.0196	88.1573	-600.2	MM	4.17	1.19	0.58	0.0	0.0	7.192	1178.	36.	22.	757.6	29.7	1
2514	10	384	37.0196	88.1565	-600.0	MM	4.12	1.12	0.58	0.0	0.0	7.052	1119.	34.	22.	757.6	29.7	1
2515	0	400	37.0196	88.1558	-598.7	MM	4.11	1.50	0.64	0.366	2.356	6.439	1102.	35.	18.	756.6	29.7	1
2516	10	396	37.0197	88.1551	-596.7	MM	5.05	0.99	0.52	0.0	0.0	9.703	1114.	43.	14.	757.6	29.7	1
2517	0	388	37.0197	88.1544	-597.0	MM	5.13	1.53	0.53	0.298	2.891	9.687	1063.	35.	13.	756.6	29.7	1
2518	0	432	37.0197	88.1535	-599.2	MM	5.30	2.20	0.68	0.415	3.221	7.756	1221.	29.	13.	755.5	29.7	1
2519	10	444	37.0197	88.1528	-603.0	MM	5.94	0.85	0.79	0.0	0.0	7.530	1269.	35.	12.	758.7	29.7	1
2520	10	472	37.0197	88.1521	-602.7	MM	6.49	1.63	0.98	0.0	0.0	6.589	1443.	42.	10.	757.6	29.7	1
2521	10	460	37.0197	88.1514	-602.0	MM	8.11	0.76	0.90	0.0	0.0	9.015	1369.	45.	9.	755.5	29.7	1
2522	0	452	37.0197	88.1506	-603.5	MM	4.41	3.20	0.76	0.726	4.224	5.823	1374.	30.	6.	757.6	29.7	1
2523	0	440	37.0197	88.1499	-604.7	MM	3.91	3.01	0.77	0.770	3.895	5.059	1260.	41.	10.	75[illegible].1	29.6	1
2524	0	416	37.0197	88.1492	-605.7	MM	4.09	1.65	0.90	0.403	1.830	4.539	1209.	30.	12.	756.6	29.6	1
2525	0	416	37.0197	88.1485	-608.5	MM	4.88	1.83	1.10	0.375	1.669	4.456	1228.	36.	10.	757.[illegible]	29.6	1
2526	0	488	37.0197	88.1477	-607.2	MM	5.39	2.38	0.81	0.441	2.942	6.672	1344.	35.	7.	758.7	29.5	1
2527	0	492	37.0197	88.1470	-608.0	MM	6.28	2.44	0.89	0.389	2.754	7.085	1312.	41.	5.	756.6	29.5	1
2528	10	476	37.0198	88.1463	-612.2	MM	7.12	0.76	0.82	0.0	0.0	8.682	1345.	32.	11.	756.1	29.5	1
2529	0	480	37.0198	88.1455	-613.0	MM	5.06	3.19	0.76	0.630	4.169	6.621	1314.	38.	7.	758.1	29.5	1
2530	0	492	37.0198	88.1447	-609.5	MM	4.06	1.65	1.08	0.407	1.522	3.739	1272.	41.	9.	758.1	29.5	1
2531	0	444	37.0198	88.1440	-615.0	MM	5.30	1.73	0.59	0.327	2.918	8.918	1118.	42.	4.	756.1	29.5	1
2532	0	416	37.0198	88.1433	-617.0	MM	5.01	2.42	0.64	0.484	3.763	7.776	1018.	39.	6.	756.6	29.5	1
2533	0	424	37.0198	88.1425	-613.2	MM	2.52	2.66	0.68	1.057	3.893	3.681	1033.	46.	9.	758.7	29.5	1
2534	0	436	37.0198	88.1418	-617.0	MM	5.20	1.88	0.46	0.362	4.080	11.278	1022.	39.	10.	758.7	29.5	1
2535	10	436	37.0198	88.1411	-610.5	MM	4.50	1.30	0.65	0.0	0.0	6.913	1005.	52.	11.	756.6	29.5	1
2536	10	408	37.0199	88.1404	-592.5	MM	4.33	1.07	0.51	0.0	0.0	8.479	974.	52.	12.	756.6	29.5	1
2537	10	428	37.0199	88.1396	-566.2	MM	4.51	0.22	0.67	0.0	0.0	6.766	998.	32.	11.	758.7	29.5	1
2538	10	408	37.0199	88.1389	-554.0	MM	4.37	1.19	0.45	0.0	0.0	9.645	794.	36.	10.	758.7	29.5	1
2539	10	428	37.0199	88.1382	-584.2	MM	2.53	1.13	0.48	0.0	0.0	5.232	734.	50.	12.	756.6	29.5	1
2540	101	468	37.0199	88.1374	-623.2	MM	1.06	1.47	0.14	0.0	0.0	0.0	530.	39.	9.	756.6	29.5	1
2541	111	536	37.0199	88.1367	-628.0	(WATER)	0.32	1.31	0.14	0.0	0.0	0.0	455.	42.	7.	758.7	29.5	1
2542	1 1	540	37.0199	88.1360	-625.7	(WATER)	0.90	-0.16	0.10	0.0	0.0	0.0	257.	34.	9.	759.2	29.5	1
2543	111	540	37.0199	88.1352	-628.0	(WATER)	-0.10	0.30	0.06	0.0	0.0	0.0	204.	47.	8.	757.6	29.5	1
2544	111	544	37.0199	88.1346	-624.0	(WATER)	-0.11	0.37	-0.12	0.0	0.0	0.0	136.	33.	8.	755.5	29.6	1

CP9 IP12

* TAGS *			* LOCATION *			REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2545	111	544	37.0199	88.1337	-625.7	(WATER)	-0.07	-0.41	-0.06	0.0	0.0	0.0	150.	38.	10.	756.6	29.6	1
2546	111	552	37.0199	88.1330	-625.7	(WATER)	0.26	0.35	0.12	0.0	0.0	0.0	182.	38.	6.	758.7	29.6	1
2547	111	556	37.0199	88.1323	-618.5	(WATER)	-0.07	-0.07	-0.07	0.0	0.0	0.0	74.	56.	7.	758.7	29.5	1
2548	111	564	37.0200	88.1316	-620.5	(WATER)	0.72	0.27	0.02	0.0	0.0	0.0	135.	29.	5.	757.6	29.5	1
2549	111	568	37.0200	88.1308	-625.5	(WATER)	-0.13	0.27	-0.12	0.0	0.0	0.0	90.	56.	10.	755.5	29.5	1
2550	111	568	37.0200	88.1301	-622.0	(WATER)	0.28	0.03	-0.04	0.0	0.0	0.0	118.	45.	7.	755.5	29.5	1
2551	111	572	37.0200	88.1293	-622.7	(WATER)	0.27	0.32	-0.09	0.0	0.0	0.0	116.	38.	6.	757.6	29.4	1
2552	110	576	37.0200	88.1286	-624.2	(WATER)	0.01	-1.33	0.20	0.0	0.0	0.0	106.	54.	8.	758.1	29.4	1
2553	111	576	37.0200	88.1279	-620.0	(WATER)	1.08	0.23	0.06	0.0	0.0	0.0	106.	37.	5.	757.1	29.4	1
2554	111	576	37.0200	88.1272	-622.0	(WATER)	0.92	-0.09	0.05	0.0	0.0	0.0	181.	32.	5.	756.6	29.4	1
2555	111	576	37.0200	88.1265	-625.0	(WATER)	0.17	0.10	0.15	0.0	0.0	0.0	149.	43.	9.	755.5	29.3	1
2556	111	576	37.0200	88.1257	-624.5	(WATER)	-0.04	-0.54	0.08	0.0	0.0	0.0	89.	49.	8.	755.5	29.4	1
2557	111	576	37.0200	88.1249	-627.0	(WATER)	0.69	-0.09	0.07	0.0	0.0	0.0	146.	38.	6.	757.6	29.4	1
2558	111	572	37.0200	88.1242	-626.5	(WATER)	0.14	0.42	0.08	0.0	0.0	0.0	232.	36.	10.	758.1	29.4	1
2559	111	572	37.0200	88.1235	-624.0	(WATER)	0.50	1.20	-0.01	0.0	0.0	0.0	254.	47.	12.	756.6	29.4	1
2560	10	568	37.0200	88.1228	-625.7	(WATER)	1.53	-0.21	0.31	0.0	0.0	4.904	457.	41.	10.	756.6	29.4	1
2561	10	560	37.0201	88.1220	-627.2	(WATER)	1.59	1.24	0.34	0.0	0.0	4.644	716.	45.	9.	756.6	29.4	1
2562	0	504	37.0201	88.1213	-627.7	(WATER)	4.93	2.13	0.54	0.432	3.916	9.057	923.	40.	8.	757.1	29.3	1
2563	10	512	37.0201	88.1205	-628.7	(WATER)	5.15	1.18	0.78	0.0	0.0	6.629	1122.	26.	7.	758.1	29.3	1
2564	0	500	37.0201	88.1198	-628.2	(WATER)	4.29	1.73	0.88	0.403	1.971	4.886	1143.	45.	6.	758.1	29.3	1
2565	10	488	37.0202	88.1191	-630.7	(WATER)	5.18	1.20	1.03	0.0	0.0	5.034	1153.	41.	8.	756.1	29.3	1
2566	10	484	37.0202	88.1184	-632.7	(WATER)	5.85	0.15	1.13	0.0	0.0	5.170	1207.	49.	6.	756.1	29.3	1
2567	0	480	37.0202	88.1177	-631.2	(WATER)	3.66	3.05	0.85	0.832	3.587	4.310	1232.	40.	8.	757.6	29.3	1
2568	10	460	37.0202	88.1169	-630.7	(WATER)	6.06	1.37	0.77	0.0	0.0	7.848	1249.	44.	5.	758.7	29.3	1
2569	10	448	37.0203	88.1162	-632.0	(WATER)	5.75	0.68	1.04	0.0	0.0	5.536	1256.	35.	6.	758.7	29.3	1
2570	0	452	37.0203	88.1155	-636.0	(WATER)	4.92	1.96	0.77	0.398	2.558	6.423	1222.	50.	7.	757.6	29.3	1
2571	0	452	37.0203	88.1147	-638.5	(WATER)	5.55	1.53	0.89	0.276	1.728	6.262	1232.	44.	6.	755.5	29.3	1
2572	0	436	37.0203	88.1140	-634.5	(WATER)	4.45	2.14	0.93	0.480	2.298	4.784	1274.	34.	8.	756.6	29.3	1
2573	0	444	37.0204	88.1133	-632.7	(WATER)	6.48	2.83	0.71	0.436	3.980	9.122	1245.	44.	5.	758.7	29.3	1
2574	0	452	37.0204	88.1126	-636.2	(WATER)	3.98	3.56	0.66	0.893	5.396	6.041	1241.	36.	7.	758.7	29.3	1
2575	0	460	37.0204	88.1119	-638.2	(WATER)	2.85	4.05	0.64	1.421	6.372	4.484	1222.	57.	6.	758.7	29.3	1
2576	10	476	37.0204	88.1111	-638.0	(WATER)	4.94	0.54	1.23	0.0	0.0	4.020	1296.	54.	8.	758.7	29.4	1
2577	0	484	37.0204	88.1104	-640.0	(WATER)	5.60	2.28	0.54	0.408	4.209	10.316	1202.	38.	7.	756.6	29.3	1
2578	10	464	37.0204	88.1097	-639.2	QAL	5.00	1.34	0.80	0.0	0.0	6.248	1222.	43.	6.	756.6	29.4	1
2579	0	448	37.0204	88.1090	-636.2	QAL	6.22	3.44	0.86	0.553	4.022	7.270	1225.	39.	0.	758.7	29.3	1
2580	0	468	37.0205	88.1082	-635.5	QAL	5.91	2.16	0.83	0.365	2.588	7.089	1265.	34.	4.	758.7	29.3	1
2581	0	456	37.0205	88.1075	-636.7	QAL	5.07	1.82	0.78	0.358	2.331	6.508	1124.	46.	5.	758.7	29.3	1
2582	0	424	37.0205	88.1068	-639.0	QAL	5.64	2.83	0.67	0.501	4.227	8.429	1116.	33.	1.	758.7	29.3	1
2583	0	436	37.0205	88.1061	-644.2	(WATER)	4.55	1.80	0.71	0.397	2.544	6.410	1099.	50.	7.	757.6	29.3	1
2584	10	492	37.0206	88.1053	-645.5	(WATER)	5.12	1.00	0.84	0.0	0.0	6.088	1248.	42.	14.	756.6	29.3	1
2585	0	484	37.0206	88.1046	-641.2	(WATER)	5.35	2.61	0.78	0.487	3.336	6.857	1280.	40.	10.	757.6	29.3	1
2586	10	468	37.0206	88.1039	-644.0	(WATER)	5.20	1.08	0.65	0.0	0.0	8.028	1172.	36.	12.	758.7	29.3	1
2587	0	472	37.0206	88.1032	-647.5	(WATER)	6.04	1.84	0.81	0.304	2.271	7.469	1297.	32.	16.	758.7	29.3	1
2588	0	468	37.0207	88.1025	-647.0	(WATER)	5.19	2.16	0.67	0.415	3.194	7.692	1237.	30.	11.	758.7	29.3	1
2589	10	460	37.0207	88.1017	-645.7	(WATER)	6.02	1.06	0.80	0.0	0.0	7.510	1228.	42.	14.	758.7	29.3	1
2590	0	460	37.0207	88.1010	-644.2	(WATER)	5.32	2.56	0.65	0.481	3.949	8.212	1295.	34.	10.	757.6	29.3	1
2591	0	468	37.0207	88.1003	-647.0	(WATER)	2.20	3.08	0.95	1.399	3.239	2.316	1308.	41.	11.	757.1	29.3	1
2592	0	480	37.0208	88.0995	-648.7	(WATER)	6.50	2.99	0.82	0.460	3.635	7.900	1372.	43.	5.	758.7	29.4	1
2593	0	444	37.0208	88.0988	-647.7	(WATER)	5.35	3.16	0.66	0.591	4.758	8.051	1281.	36.	6.	758.7	29.3	1
2594	0	428	37.0208	88.0981	-647.7	(WATER)	5.60	2.62	0.77	0.467	3.379	7.239	1211.	48.	3.	758.7	29.3	1
2595	0	436	37.0208	88.0974	-648.7	(WATER)	5.82	3.80	0.71	0.654	5.326	8.144	1275.	46.	0.	758.7	29.3	1
2596	0	432	37.0208	88.0967	-649.5	(WATER)	4.85	3.73	0.58	0.768	6.378	8.300	1271.	48.	2.	757.6	29.3	1
2597	0	436	37.0209	88.0960	-651.7	(WATER)	3.92	2.45	0.71	0.625	3.446	5.511	1220.	37.	4.	757.6	29.3	1

CP9 IP 12

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2598	0	452	37.0208	88.0952	-649.2	(WATER)	5.65	3.23	0.56	0.572	5.754	10.054	1200.	37.	3.	758.7	29.3	1
2599	0	468	37.0209	88.0945	-651.0	(WATER)	3.82	2.24	0.95	0.587	2.348	3.999	1302.	31.	4.	758.7	29.3	1
2600	0	420	37.0209	88.0937	-654.2	(WATER)	7.54	2.24	0.79	0.298	2.834	9.522	1294.	32.	4.	758.7	29.4	1
2601	0	404	37.0209	88.0930	-652.7	(WATER)	5.93	2.59	0.72	0.437	3.612	8.273	1301.	42.	4.	758.7	29.4	1
2602	0	432	37.0209	88.0923	-652.5	(WATER)	6.19	3.07	0.70	0.496	4.394	8.853	1361.	47.	7.	757.1	29.4	1
2603	0	448	37.0210	88.0916	-656.5	(WATER)	4.14	3.06	1.03	0.740	2.987	4.037	1400.	39.	10.	756.1	29.4	1
2604	0	440	37.0210	88.0909	-656.0	(WATER)	6.05	4.10	0.77	0.678	5.347	7.886	1424.	35.	6.	756.6	29.4	1
2605	0	428	37.0210	88.0901	-657.7	(WATER)	5.63	1.73	1.20	0.307	1.442	4.698	1437.	43.	9.	757.6	29.4	1
2606	0	444	37.0210	88.0894	-660.0	(WATER)	6.76	2.78	0.98	0.412	2.844	6.904	1403.	42.	11.	758.7	29.4	1
2607	10	448	37.0211	88.0887	-658.2	(WATER)	6.74	1.33	0.94	0.0	0.0	7.196	1450.	41.	7.	758.7	29.4	1
2608	0	420	37.0211	88.0879	-663.0	(WATER)	9.53	2.15	0.73	0.225	2.942	13.054	1278.	53.	4.	757.6	29.4	1
2609	10	420	37.0211	88.0872	-665.2	(WATER)	4.96	0.71	0.95	0.0	0.0	5.199	1230.	55.	12.	756.6	29.3	1
2610	0	416	37.0211	88.0865	-661.2	(WATER)	5.60	2.30	0.75	0.411	3.058	7.441	1213.	27.	9.	757.6	29.4	1
2611	0	404	37.0211	88.0857	-663.7	(WATER)	6.60	1.84	0.55	0.279	3.354	12.025	1133.	37.	8.	758.7	29.3	1
2612	0	400	37.0212	88.0850	-664.5	(WATER)	4.42	2.50	0.41	0.567	6.177	10.903	1072.	44.	8.	757.6	29.4	1
2613	0	412	37.0212	88.0843	-663.7	(WATER)	2.92	3.11	0.72	1.067	4.318	4.048	1125.	44.	9.	756.1	29.4	1
2614	0	400	37.0212	88.0836	-666.0	(WATER)	4.66	1.84	0.62	0.394	2.956	7.513	1195.	36.	7.	757.1	29.4	1
2615	0	412	37.0212	88.0829	-664.7	(WATER)	4.66	1.58	0.80	0.340	1.983	5.825	1176.	39.	6.	759.2	29.4	1
2616	0	432	37.0213	88.0822	-662.0	(WATER)	4.64	4.15	0.71	0.895	5.813	6.495	1215.	28.	2.	758.7	29.3	1
2617	0	456	37.0213	88.0814	-665.0	(WATER)	4.86	1.55	0.71	0.319	2.180	6.829	1156.	51.	8.	756.6	29.3	1
2618	10	472	37.0213	88.0807	-665.2	(WATER)	5.20	0.84	0.89	0.0	0.0	5.837	1206.	37.	9.	756.6	29.3	1
2619	0	476	37.0213	88.0799	-664.7	(WATER)	4.86	2.85	0.55	0.585	5.177	8.843	1126.	49.	5.	758.7	29.3	1
2620	0	476	37.0213	88.0792	-667.0	(WATER)	2.90	3.18	0.87	1.095	3.658	3.342	1269.	33.	9.	758.7	29.3	1
2621	0	488	37.0213	88.0785	-669.5	(WATER)	3.36	2.70	0.72	0.804	3.734	4.645	1214.	45.	11.	757.6	29.3	1
2622	0	520	37.0214	88.0778	-670.0	(WATER)	3.75	2.64	0.73	0.704	3.645	5.174	1244.	30.	11.	756.6	29.5	1
2623	0	540	37.0214	88.0771	-667.7	(WATER)	6.98	3.89	0.46	0.557	8.396	15.065	1246.	40.	8.	756.6	29.5	1
2624	10	544	37.0215	88.0763	-671.2	(WATER)	7.03	1.22	0.84	0.0	0.0	8.393	1223.	36.	9.	757.6	29.5	1
2625	0	552	37.0214	88.0756	-674.0	(WATER)	6.63	2.74	0.52	0.413	5.304	12.841	1222.	26.	7.	758.7	29.5	1
2626	0	560	37.0215	88.0749	-672.2	(WATER)	3.64	2.03	0.73	0.557	2.791	5.015	1148.	40.	8.	756.6	29.6	1
2627	10	564	37.0215	88.0742	-674.2	(WATER)	2.81	1.52	0.92	0.0	0.0	3.050	1058.	53.	9.	755.5	29.5	1
2628	10	564	37.0215	88.0734	-674.5	(WATER)	4.80	0.20	0.74	0.0	0.0	6.460	984.	41.	8.	755.5	29.5	1
2629	0	568	37.0215	88.0727	-675.0	(WATER)	1.55	3.18	0.46	2.050	6.956	3.393	895.	39.	9.	756.6	29.5	1
2630	0	568	37.0215	88.0720	-679.2	(WATER)	3.54	3.02	0.29	0.852	10.353	12.145	762.	43.	6.	757.6	29.5	1
2631	10	568	37.0216	88.0713	-681.0	(WATER)	2.86	0.82	0.32	0.0	0.0	8.840	700.	51.	11.	757.6	29.5	1
2632	10	568	37.0216	88.0705	-680.2	(WATER)	2.22	1.31	0.31	0.0	0.0	7.044	639.	42.	7.	755.5	29.5	1
2633	10	572	37.0216	88.0698	-681.5	(WATER)	2.01	-1.35	0.38	0.0	0.0	5.346	569.	48.	13.	755.5	29.5	1
2634	110	572	37.0216	88.0691	-681.7	(WATER)	1.10	0.20	0.39	0.0	0.0	0.0	574.	27.	12.	757.6	29.5	1
2635	111	572	37.0217	88.0684	-686.0	(WATER)	1.45	0.54	0.18	0.0	0.0	0.0	423.	49.	9.	758.1	29.5	1
2636	101	572	37.0217	88.0677	-685.5	(WATER)	-0.06	2.07	-0.01	0.0	0.0	0.0	330.	39.	12.	758.7	29.5	1
2637	11	568	37.0217	88.0669	-682.7	(WATER)	2.79	0.21	-0.01	0.0	0.0	0.0	349.	28.	9.	757.6	29.5	1
2638	111	568	37.0217	88.0662	-683.5	(WATER)	-0.12	-0.01	0.07	0.0	0.0	0.0	292.	43.	11.	755.5	29.4	1
2639	111	564	37.0218	88.0655	-686.0	(WATER)	0.21	-0.31	0.03	0.0	0.0	0.0	215.	41.	13.	755.5	29.4	1
2640	111	560	37.0218	88.0647	-687.0	(WATER)	-0.13	0.57	-0.14	0.0	0.0	0.0	164.	40.	8.	756.6	29.4	1
2641	111	560	37.0218	88.0640	-687.7	(WATER)	-0.09	0.09	-0.05	0.0	0.0	0.0	155.	27.	8.	757.6	29.4	1
2642	111	564	37.0218	88.0633	-688.2	(WATER)	0.17	-0.36	-0.03	0.0	0.0	0.0	128.	42.	6.	757.6	29.5	1
2643	111	568	37.0219	88.0626	-690.0	(WATER)	-0.14	0.45	0.00	0.0	0.0	0.0	142.	43.	10.	756.6	29.5	1
2644	111	572	37.0219	88.0619	-693.0	(WATER)	0.46	-1.10	-0.01	0.0	0.0	0.0	124.	43.	7.	754.5	29.5	1
2645	111	576	37.0219	88.0612	-694.5	(WATER)	0.17	0.81	-0.08	0.0	0.0	0.0	181.	34.	6.	755.5	29.5	1
2646	111	580	37.0219	88.0604	-694.5	(WATER)	-0.03	0.42	0.04	0.0	0.0	0.0	150.	30.	2.	757.6	29.5	1
2647	111	584	37.0219	88.0597	-696.7	(WATER)	-0.08	1.03	-0.08	0.0	0.0	0.0	111.	47.	0.	757.1	29.5	1
2648	111	584	37.0220	88.0589	-700.2	(WATER)	-0.07	0.91	0.03	0.0	0.0	0.0	172.	33.	0.	756.1	29.5	1
2649	101	588	37.0220	88.0582	-700.2	(WATER)	0.68	1.96	-0.12	0.0	0.0	0.0	119.	35.	1.	756.1	29.5	1
2650	101	588	37.0220	88.0575	-699.7	(WATER)	-0.15	1.94	-0.12	0.0	0.0	0.0	152.	30.	0.	756.1	29.5	1

CP 9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2651	111	588	37.0220	88.0568	-699.7	(WATER)	-0.11	0.80	-0.06	0.0	0.0	0.0	97.	36.	5.	755.5	29.4	1
2652	111	588	37.0220	88.0561	-699.2	(WATER)	0.03	0.67	0.08	0.0	0.0	0.0	184.	32.	7.	756.6	29.5	1
2653	111	584	37.0220	88.0554	-698.7	(WATER)	0.28	-1.56	-0.00	0.0	0.0	0.0	124.	40.	14.	757.6	29.5	1
2654	111	584	37.0221	88.0546	-699.2	(WATER)	-0.04	-1.08	0.00	0.0	0.0	0.0	66.	44.	11.	756.6	29.5	1
2655	111	584	37.0221	88.0539	-702.7	(WATER)	0.64	0.40	-0.11	0.0	0.0	0.0	123.	35.	11.	755.5	29.4	1
2656	111	584	37.0221	88.0531	-703.0	(WATER)	-0.14	0.20	-0.15	0.0	0.0	0.0	115.	46.	11.	756.6	29.4	1
2657	111	580	37.0221	88.0524	-700.5	(WATER)	0.91	-2.06	-0.01	0.0	0.0	0.0	124.	33.	12.	757.6	29.4	1
2658	111	580	37.0222	88.0517	-703.5	(WATER)	-0.06	-0.16	0.10	0.0	0.0	0.0	98.	40.	7.	756.6	29.4	1
2659	111	580	37.0222	88.0510	-706.2	(WATER)	-0.10	0.27	-0.01	0.0	0.0	0.0	128.	34.	7.	755.5	29.4	1
2660	111	576	37.0222	88.0503	-707.2	(WATER)	-0.08	-0.31	-0.04	0.0	0.0	0.0	140.	41.	9.	755.5	29.4	1
2661	111	576	37.0222	88.0495	-710.0	(WATER)	-0.10	0.03	0.08	0.0	0.0	0.0	171.	38.	9.	756.6	29.4	1
2662	111	580	37.0222	88.0488	-712.0	(WATER)	0.81	-0.44	0.06	0.0	0.0	0.0	235.	34.	8.	757.6	29.4	1
2663	111	580	37.0223	88.0481	-711.2	(WATER)	1.08	1.46	0.09	0.0	0.0	0.0	302.	41.	7.	757.1	29.4	1
2664	11	576	37.0223	88.0473	-709.2	(WATER)	1.79	0.61	0.10	0.0	0.0	0.0	349.	42.	12.	755.0	29.4	1
2665	10	576	37.0223	88.0466	-710.5	(WATER)	1.88	-1.01	0.27	0.0	0.0	6.917	345.	40.	9.	755.0	29.4	1
2666	110	580	37.0223	88.0459	-714.0	(WATER)	0.54	-0.43	0.23	0.0	0.0	0.0	351.	35.	13.	756.6	29.4	1
2667	111	580	37.0224	88.0451	-714.5	(WATER)	-0.09	-0.25	0.01	0.0	0.0	0.0	291.	39.	10.	756.6	29.4	1
2668	111	580	37.0224	88.0444	-715.0	(WATER)	0.72	0.39	-0.05	0.0	0.0	0.0	246.	49.	14.	755.5	29.4	1
2669	111	580	37.0224	88.0437	-713.5	(WATER)	0.09	0.81	-0.03	0.0	0.0	0.0	267.	43.	14.	754.5	29.4	1
2670	111	584	37.0224	88.0430	-713.0	(WATER)	0.49	-0.64	0.00	0.0	0.0	0.0	223.	44.	15.	754.5	29.5	1
2671	111	588	37.0225	88.0423	-717.0	(WATER)	0.80	-0.15	0.06	0.0	0.0	0.0	326.	39.	15.	755.5	29.5	1
2672	11	592	37.0224	88.0415	-720.5	(WATER)	2.46	0.71	0.14	0.0	0.0	0.0	442.	28.	10.	757.6	29.4	1
2673	111	596	37.0225	88.0408	-720.0	MM	1.32	1.47	0.15	0.0	0.0	0.0	510.	47.	13.	757.1	29.4	1
2674	11	592	37.0225	88.0401	-720.0	MM	2.29	1.26	0.20	0.0	0.0	0.0	607.	32.	14.	755.0	29.4	1
2675	1	592	37.0226	88.0394	-720.5	MM	1.97	2.19	0.20	1.111	0.0	0.0	656.	41.	13.	755.0	29.4	1
2676	111	576	37.0225	88.0386	-721.0	MM	1.56	0.71	0.22	0.0	0.0	0.0	641.	50.	14.	756.1	29.4	1
2677	10	540	37.0226	88.0379	-722.0	MM	2.11	0.12	0.21	0.0	0.0	10.118	511.	44.	11.	757.1	29.4	1
2678	110	576	37.0226	88.0372	-728.0	MM	0.04	0.30	0.35	0.0	0.0	0.0	385.	49.	7.	757.1	29.4	1
2679	11	580	37.0226	88.0365	-729.5	MM	1.92	1.67	0.06	0.0	0.0	0.0	337.	39.	9.	755.0	29.4	1
2680	111	576	37.0226	88.0357	-727.2	MM	1.48	0.44	0.09	0.0	0.0	0.0	289.	44.	8.	754.5	29.4	1
2681	111	576	37.0226	88.0350	-731.7	MM	0.17	0.73	0.01	0.0	0.0	0.0	247.	34.	6.	756.6	29.4	1
2682	110	572	37.0227	88.0343	-731.7	MM	0.04	-1.85	0.19	0.0	0.0	0.0	152.	46.	9.	757.6	29.4	1
2683	111	572	37.0227	88.0336	-729.5	(WATER)	0.09	0.31	0.06	0.0	0.0	0.0	191.	31.	6.	756.6	29.4	1
2684	111	572	37.0227	88.0329	-734.0	(WATER)	1.12	-1.04	-0.03	0.0	0.0	0.0	220.	31.	7.	755.5	29.5	1
2685	111	572	37.0227	88.0321	-731.2	(WATER)	0.84	0.64	0.07	0.0	0.0	0.0	210.	30.	7.	754.5	29.5	1
2686	110	572	37.0228	88.0314	-730.2	(WATER)	0.50	0.35	0.23	0.0	0.0	0.0	298.	46.	6.	755.5	29.5	1
2687	10	572	37.0228	88.0307	-735.7	MM	2.62	0.52	0.25	0.0	0.0	10.674	515.	30.	6.	756.6	29.5	1
2688	100	580	37.0228	88.0299	-735.7	MM	0.89	1.95	0.44	0.0	4.443	0.0	632.	41.	4.	756.6	29.5	1
2689	0	504	37.0228	88.0292	-736.5	MM	4.29	1.67	0.55	0.388	3.041	7.834	813.	44.	0.	757.1	29.5	1
2690	0	476	37.0229	88.0285	-738.5	MM	3.76	2.76	0.32	0.732	8.495	11.601	849.	44.	0.	756.1	29.4	1
2691	0	480	37.0229	88.0278	-738.0	MM	3.83	2.85	0.68	0.742	4.208	5.669	1058.	32.	0.	755.0	29.5	1
2692	0	460	37.0229	88.0271	-737.7	MM	3.89	2.57	0.48	0.661	5.309	8.034	985.	34.	3.	756.6	29.5	1
2693	0	412	37.0229	88.0264	-742.0	MM	3.34	1.40	0.34	0.420	4.179	9.949	878.	40.	3.	757.6	29.5	1
2694	0	404	37.0230	88.0256	-746.0	MM	3.05	1.82	0.44	0.599	4.121	6.878	913.	34.	7.	756.6	29.5	1
2695	0	452	37.0229	88.0249	-745.5	MM	5.20	1.98	0.71	0.381	2.787	7.313	1107.	46.	6.	756.6	29.5	1
2696	0	500	37.0229	88.0241	-746.7	MM	6.23	3.79	0.81	0.608	4.683	7.699	1241.	33.	2.	755.5	29.5	1
2697	0	500	37.0230	88.0234	-746.7	MM	8.01	3.56	0.65	0.445	5.461	12.286	1263.	43.	1.	754.5	29.4	1
2698	0	516	37.0230	88.0227	-746.7	MM	5.66	2.70	0.63	0.478	4.274	8.942	1281.	38.	3.	755.0	29.4	1
2699	10	552	37.0230	88.0220	-748.7	MM	5.99	1.53	0.93	0.0	0.0	6.449	1264.	42.	5.	756.1	29.4	1
2700	10	456	37.0230	88.0213	-750.2	MM	6.63	0.73	0.70	0.0	0.0	9.472	1058.	38.	6.	757.6	29.4	1
2701	0	400	37.0231	88.0206	-752.2	MM	3.74	2.98	0.52	0.796	5.671	7.124	907.	46.	2.	757.6	29.4	1
2702	0	364	37.0231	88.0199	-752.7	MM	2.87	2.54	0.46	0.887	5.522	6.229	901.	43.	1.	755.5	29.5	1
2703	0	388	37.0231	88.0191	-749.5	MM	3.24	3.26	0.40	1.006	8.107	8.062	995.	40.	2.	754.5	29.5	1

CP9 1P12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
2704	0	392	37.0231	88.0183	-749.0	MM	5.02	2.64	0.66	0.525	3.999	7.613	1180.	33.	0.	754.5	29.5	1
2705	0	468	37.0232	88.0176	-753.2	MM	5.97	2.92	0.78	0.490	3.767	7.690	1304.	47.	6.	755.0	29.4	1
2706	0	520	37.0232	88.0169	-755.7	MM	6.12	3.89	0.68	0.635	5.683	8.946	1356.	41.	3.	757.6	29.5	1
2707	0	516	37.0232	88.0162	-755.0	MM	5.10	2.84	1.02	0.556	2.783	5.004	1323.	39.	9.	757.6	29.5	1
2708	0	496	37.0232	88.0155	-754.5	MM	4.09	2.66	0.85	0.651	3.135	4.814	1267.	34.	6.	756.6	29.5	1
2709	0	508	37.0233	88.0148	-758.7	MM	5.55	2.62	0.78	0.472	3.344	7.084	1303.	36.	9.	756.6	29.5	1
2710	0	520	37.0233	88.0140	-759.5	MM	5.72	2.80	0.76	0.489	3.680	7.530	1208.	45.	7.	755.5	29.5	1
2711	0	548	37.0233	88.0133	-760.5	MM	5.97	2.74	0.75	0.459	3.634	7.921	1310.	36.	8.	755.5	29.4	1
2712	0	544	37.0233	88.0125	-761.5	MM	5.40	1.98	0.81	0.366	2.439	6.662	1213.	34.	6.	756.6	29.5	1
2713	10	540	37.0233	88.0118	-761.2	MM	4.78	1.29	0.60	0.0	0.0	7.906	946.	43.	9.	756.6	29.4	1
2714	10	560	37.0233	88.0111	-761.5	MM	2.97	1.71	0.49	0.0	0.0	5.995	800.	37.	10.	757.6	29.5	1
2715	111	564	37.0233	88.0104	-760.5	MM	0.75	0.39	0.14	0.0	0.0	0.0	440.	33.	8.	757.6	29.5	1
2716	110	564	37.0234	88.0097	-764.5	MM	-0.10	0.06	0.23	0.0	0.0	0.0	252.	43.	9.	756.6	29.5	1
2717	111	564	37.0234	88.0089	-770.5	MM	0.55	-1.08	0.13	0.0	0.0	0.0	200.	31.	8.	755.5	29.5	1
2718	111	560	37.0234	88.0082	-769.7	(WATER)	1.01	0.02	0.01	0.0	0.0	0.0	203.	30.	7.	755.5	29.5	1
2719	111	560	37.0234	88.0075	-768.2	(WATER)	-0.07	-0.40	-0.06	0.0	0.0	0.0	122.	37.	9.	756.6	29.5	1
2720	111	560	37.0235	88.0067	-769.7	(WATER)	-0.10	0.51	-0.04	0.0	0.0	0.0	137.	43.	5.	757.6	29.5	1
2721	111	556	37.0235	88.0060	-768.2	(WATER)	1.08	0.63	-0.02	0.0	0.0	0.0	266.	41.	6.	758.7	29.5	1
2722	10	564	37.0235	88.0053	-772.2	(WATER)	2.44	0.91	0.24	0.0	0.0	10.022	440.	44.	5.	757.6	29.5	1
2723	10	464	37.0235	88.0046	-776.2	(WATER)	1.37	0.62	0.30	0.0	0.0	4.600	550.	36.	6.	756.6	29.4	1
2724	0	512	37.0236	88.0038	-775.7	(WATER)	2.29	2.65	0.46	1.156	5.772	4.994	710.	40.	3.	755.5	29.4	1
2725	10	504	37.0236	88.0031	-773.2	(WATER)	4.61	1.15	0.54	0.0	0.0	8.473	817.	44.	4.	755.5	29.4	1
2726	10	460	37.0236	88.0024	-774.5	(WATER)	3.80	1.05	0.59	0.0	0.0	6.408	821.	38.	4.	755.5	29.5	1
2727	0	428	37.0236	88.0017	-775.7	MSW	4.33	1.92	0.39	0.442	4.929	11.139	783.	32.	1.	757.6	29.4	1
2728	0	416	37.0236	88.0009	-774.7	MSW	3.53	2.17	0.64	0.615	3.388	5.510	903.	29.	1.	758.7	29.4	1

CP9 IP12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1	0	488	37.0098	89.9884	-865.7		QAL	5.54	2.76	0.94	0.498	2.937	5.901	1529.	39.	3.	767.4	25.5	1
2	0	488	37.0103	89.9883	-846.7		OJC	5.70	1.64	1.34	0.288	1.229	4.264	1564.	43.	7.	767.4	25.5	1
3	0	484	37.0108	89.9882	-839.0		OJC	8.70	2.39	0.79	0.275	3.015	10.952	1580.	47.	6.	768.5	25.6	1
4	0	484	37.0114	89.9880	-847.2		OJC	9.30	4.14	1.05	0.445	3.962	8.894	1642.	43.	3.	770.5	25.7	1
5	0	488	37.0119	89.9879	-843.5		OJC	9.20	2.24	1.07	0.243	2.098	8.619	1677.	27.	11.	770.5	25.6	1
6	10	492	37.0124	89.9877	-841.5		OJC	9.76	1.52	1.18	0.0	0.0	8.297	1746.	44.	14.	770.5	25.6	1
7	0	492	37.0130	89.9876	-844.2		OJC	7.10	4.85	0.65	0.684	7.433	10.874	1725.	46.	12.	769.5	25.6	1
8	0	496	37.0135	89.9875	-841.0		OJC	7.20	2.23	1.07	0.310	2.089	6.729	1731.	34.	12.	769.5	25.6	1
9	0	500	37.0140	89.9873	-839.0		OJC	8.12	2.[illegible]	1.15	0.304	2.149	7.069	1837.	30.	15.	769.5	25.5	1
10	10	492	37.0145	89.9872	-839.0		OJC	8.52	1.74	1.15	0.0	0.0	7.411	1758.	49.	10.	769.5	25.5	1
11	0	480	37.0151	89.9870	-838.0		OJC	7.30	2.57	1.47	0.352	1.753	4.975	1768.	33.	8.	768.5	25.5	1
12	0	472	37.0156	89.9869	-838.0		OJC	10.98	2.42	1.30	0.220	1.856	8.428	1770.	40.	1.	768.5	25.5	1
13	0	468	37.0161	89.9868	-834.7		OJC	6.65	4.64	1.41	0.698	3.283	4.704	1822.	45.	2.	767.4	25.4	1
14	0	464	37.0166	89.9866	-834.7		KU	6.30	4.18	1.65	0.664	2.534	3.816	1772.	23.	0.	767.4	25.4	1
15	0	464	37.0172	89.9864	-835.5		KU	5.84	3.60	1.31	0.617	2.737	4.438	1665.	49.	1.	767.4	25.4	1
16	0	476	37.0177	89.9863	-833.7		KU	6.15	5.36	1.42	0.871	3.776	4.334	1825.	39.	0.	767.4	25.5	1
17	0	484	37.0182	89.9862	-832.5		KU	4.45	4.36	1.36	0.982	3.207	3.266	1717.	51.	1.	767.4	25.5	1
18	0	480	37.0188	89.9860	-831.7		KU	5.93	4.44	1.19	0.749	3.744	5.000	1741.	43.	3.	767.4	25.5	1
19	0	480	37.0193	89.9859	-829.5		KU	6.99	4.61	1.01	0.660	4.552	6.899	1774.	27.	4.	767.4	25.3	1
20	0	492	37.0199	89.9857	-829.0		KU	6.80	3.87	1.01	0.569	3.843	6.752	1659.	35.	6.	768.5	25.5	1
21	0	512	37.0204	89.9856	-828.2		KU	7.35	4.03	1.33	0.548	3.037	5.542	1830.	27.	10.	768.5	25.6	1
22	10	512	37.0209	89.9855	-827.2		KU	8.91	1.45	1.26	0.0	0.0	7.047	1712.	48.	14.	768.5	25.6	1
23	0	508	37.0214	89.9854	-827.0		KU	5.65	5.14	0.79	0.910	6.488	7.130	1684.	46.	13.	768.5	25.6	1
24	0	500	37.0220	89.9852	-827.0		KU	5.02	4.19	1.15	0.834	3.648	4.374	1622.	56.	14.	768.5	25.6	1
25	10	496	37.0225	89.9851	-825.7		KU	4.01	1.67	1.18	0.0	0.0	3.399	1657.	49.	10.	768.5	25.5	1
26	0	488	37.0230	89.9849	-824.5		KU	7.70	2.32	1.11	0.302	2.088	6.923	1794.	35.	11.	768.0	25.6	1
27	0	480	37.0235	89.9847	-824.2		KU	8.53	3.64	1.17	0.427	3.100	7.261	1696.	35.	6.	766.9	25.5	1
28	0	460	37.0240	89.9846	-823.2		KU	4.58	1.77	1.23	0.388	1.440	3.714	1678.	37.	10.	766.9	25.5	1
29	10	448	37.0246	89.9845	-821.7		KU	6.90	1.26	1.41	0.0	0.0	4.882	1683.	47.	10.	766.9	25.6	1
30	0	452	37.0251	89.9843	-820.5		KU	6.26	2.56	1.22	0.409	2.099	5.132	1669.	56.	10.	765.9	25.7	1
31	0	456	37.0257	89.9842	-820.2		KU	8.27	2.86	1.30	0.345	2.197	6.361	1670.	50.	6.	766.4	25.8	1
32	10	452	37.0262	89.9841	-819.0		KU	9.90	1.58	1.06	0.0	0.0	9.359	1691.	36.	7.	767.4	25.9	1
33	10	440	37.0268	89.9839	-817.2		KU	9.75	1.19	1.23	0.0	0.0	7.917	1677.	31.	7.	767.4	26.0	1
34	0	436	37.0273	89.9838	-817.0		KU	8.34	2.99	1.09	0.358	2.752	7.682	1597.	35.	6.	768.5	25.9	1
35	0	404	37.0278	89.9837	-814.2		KU	6.53	1.93	0.91	0.295	2.116	7.171	1453.	42,	7.	768.5	25.9	1
36	0	384	37.0283	89.9835	-812.7		KU	5.78	2.82	1.08	0.488	2.615	5.356	1433.	35.	2.	768.5	25.9	1
37	0	368	37.0288	89.9834	-811.2		KU	6.53	1.99	0.83	0.305	2.386	7.834	1373.	38.	6.	769.5	25.9	1
38	0	372	37.0295	89.9833	-809.7		KU	3.91	2.16	0.99	0.551	2.172	3.939	1351.	27.	9.	769.5	25.9	1
39	0	364	37.0300	89.9833	-806.5		KU	5.36	2.37	0.60	0.442	3.933	8.896	1215.	47.	8.	768.5	25.9	1
40	10	356	37.0306	89.9833	-806.2		OJC	5.36	1.11	0.77	0.0	0.0	6.969	1118.	39.	10.	768.0	25.9	1
41	0	368	37.0312	89.9833	-805.0		OJC	4.56	1.42	0.70	0.310	2.029	6.536	1178.	33.	13.	766.9	25.8	1
42	10	360	37.0318	89.9833	-800.2		OJC	4.59	0.95	0.95	0.0	0.0	4.841	1151.	26.	10.	766.4	25.9	1
43	10	344	37.0324	89.9833	-798.2		OJC	4.59	1.05	0.85	0.0	0.0	5.374	1168.	48.	10.	768.5	25.8	1
44	0	336	37.0330	89.9833	-797.0		OJC	5.01	2.03	0.85	0.405	2.390	5.905	1196.	28.	7.	770.5	25.9	1
45	0	352	37.0336	89.9833	-792.5		OJC	6.84	1.55	0.93	0.227	1.679	7.387	1262.	37.	6.	771.1	25.8	1
46	0	364	37.0342	89.9832	-789.0		OJC	7.88	2.64	1.15	0.335	2.297	6.858	1437.	38.	7.	770.0	25.8	1
47	10	392	37.0348	89.9832	-786.2		OJC	7.32	0.97	1.19	0.0	0.0	6.131	1419.	44.	6.	768.5	25.8	1
48	0	388	37.0354	89.9832	-781.7		OJC	9.19	2.98	1.01	0.325	2.966	9.137	1518.	27.	2.	769.0	25.9	1
49	0	404	37.0359	89.9832	-776.7		OJC	4.49	2.71	1.21	0.603	2.238	3.711	1488.	32.	3.	769.0	25.9	1
50	10	424	37.0365	89.9832	-775.0		OJC	7.28	1.27	1.11	0.0	0.0	6.548	1545.	33.	5.	768.5	25.9	1
51	0	444	37.0371	89.9832	-770.5		QAL	7.53	2.08	1.04	0.276	2.001	7.240	1561.	37.	8.	770.0	26.0	1
52	0	452	37.0377	89.9832	-766.5		QAL	6.66	3.42	1.07	0.513	3.195	6.233	1588.	42.	9.	770.5	26.0	1
53	0	456	37.0383	89.9832	-763.2		QAL	7.48	3.54	1.15	0.473	3.072	6.492	1614.	41.	9.	770.0	26.0	1

FLIGHT LINE 101 DAY 177 REDUCED DATA TEX-KENT 1979 PADUCAH PAGE NO 643

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
54	0	460	37.0389	89.9832	-759.5	QAL	3.89	3.20	1.06	0.823	3.006	3.654	1549.	42.	15.	768.5	25.9	1
55	0	456	37.0395	89.9832	-755.0	QAL	8.08	2.54	1.31	0.314	1.937	6.176	1621.	48.	13.	768.5	26.0	1
56	10	452	37.0401	89.9832	-751.0	QAL	6.55	0.45	1.08	0.0	0.0	6.068	1574.	40.	16.	769.5	26.1	1
57	10	432	37.0407	89.9832	-748.0	QAL	7.46	1.29	1.10	0.0	0.0	6.767	1564.	39.	15.	770.0	26.1	1
58	0	428	37.0413	89.9831	-745.2	QAL	8.70	1.74	0.90	0.200	1.927	9.619	1559.	37.	10.	770.0	26.1	1
59	0	472	37.0419	89.9831	-742.7	QAL	8.09	2.14	1.03	0.264	2.069	7.838	1648.	23.	11.	769.5	26.1	1
60	0	480	37.0424	89.9831	-739.5	QAL	8.51	2.59	0.98	0.304	2.640	8.677	1650.	34.	8.	767.4	26.1	1
61	0	480	37.0430	89.9831	-736.2	QAL	6.43	4.89	0.94	0.760	5.189	6.826	1627.	46.	7.	767.4	26.0	1
62	0	476	37.0436	89.9830	-731.5	QAL	6.58	3.98	1.16	0.604	3.431	5.679	1641.	33.	6.	767.4	26.0	1
63	0	476	37.0442	89.9830	-727.7	QAL	7.63	2.81	1.26	0.369	2.226	6.038	1653.	37.	7.	767.4	26.0	1
64	10	480	37.0448	89.9830	-724.2	QAL	7.64	0.46	1.48	0.0	0.0	5.149	1639.	38.	4.	768.5	26.1	1
65	0	484	37.0454	89.9831	-724.0	QAL	7.25	2.25	0.94	0.311	2.408	7.752	1639.	37.	4.	769.0	26.3	1
66	10	492	37.0460	89.9830	-722.2	QAL	8.28	1.21	1.22	0.0	0.0	6.760	1649.	25.	4.	768.0	26.3	1
67	0	500	37.0466	89.9830	-719.7	QAL	6.00	5.04	0.91	0.839	5.514	6.575	1639.	24.	2.	766.9	26.2	1
68	0	508	37.0472	89.9830	-716.2	QAL	6.28	3.67	1.31	0.585	2.803	4.789	1609.	42.	4.	766.9	26.2	1
69	0	504	37.0477	89.9830	-714.2	QAL	8.26	4.20	0.91	0.509	4.642	9.122	1588.	35.	5.	768.0	26.1	1
70	0	500	37.0484	89.9830	-714.0	QAL	7.38	3.03	1.07	0.411	2.847	6.927	1560.	43.	5.	769.0	26.2	1
71	0	496	37.0489	89.9830	-713.0	QAL	6.43	3.75	1.24	0.583	3.029	5.197	1493.	45.	6.	766.9	26.2	1
72	10	496	37.0495	89.9830	-710.7	QAL	4.83	1.43	1.19	0.0	0.0	4.062	1443.	36.	10.	766.4	26.3	1
73	0	500	37.0501	89.9830	-709.0	QAL	7.67	3.80	0.76	0.496	5.024	10.128	1595.	35.	11.	768.5	26.3	1
74	0	496	37.0507	89.9829	-707.5	QAL	7.44	3.03	1.22	0.407	2.479	6.087	1608.	27.	12.	768.5	26.3	1
75	10	500	37.0513	89.9829	-706.7	QAL	7.73	0.42	1.22	0.0	0.0	6.324	1587.	42.	13.	766.4	26.3	1
76	0	508	37.0519	89.9829	-706.0	QAL	3.95	4.60	1.12	1.163	4.117	3.540	1607.	48.	10.	765.9	26.4	1
77	0	516	37.0525	89.9829	-705.2	QAL	7.70	2.27	1.13	0.295	2.005	6.788	1672.	33.	10.	768.0	26.4	1
78	0	520	37.0531	89.9829	-705.7	QAL	7.08	3.72	0.87	0.526	4.262	8.099	1667.	34.	10.	768.0	26.3	1
79	10	520	37.0537	89.9829	-703.7	QAL	10.93	2.10	0.92	0.0	0.0	11.918	1595.	62.	10.	765.4	26.3	1
80	10	516	37.0543	89.9829	-702.0	QAL	5.00	1.56	1.16	0.0	0.0	4.318	1602.	35.	11.	765.4	26.3	1
81	10	512	37.0549	89.9829	-703.0	QAL	9.24	1.17	1.09	0.0	0.0	8.459	1596.	44.	10.	768.5	26.3	1
82	0	520	37.0554	89.9829	-700.7	QAL	8.16	2.04	1.17	0.250	1.744	6.969	1647.	34.	10.	768.5	26.3	1
83	0	520	37.0560	89.9829	-698.7	QAL	7.83	1.85	1.22	0.236	1.517	6.417	1572.	35.	3.	766.4	26.3	1
84	0	492	37.0566	89.9829	-699.2	QAL	6.19	2.68	1.01	0.433	2.658	6.140	1499.	43.	9.	767.4	26.3	1
85	0	472	37.0572	89.9829	-699.0	QAL	5.15	3.50	0.80	0.681	4.402	6.465	1451.	35.	7.	768.5	26.3	1
86	0	492	37.0578	89.9829	-697.7	QAL	7.59	2.52	0.98	0.332	2.559	7.717	1454.	49.	8.	767.4	26.3	1
87	10	520	37.0584	89.9828	-697.5	QAL	7.55	0.12	1.13	0.0	0.0	6.712	1537.	38.	11.	766.4	26.3	1
88	0	516	37.0590	89.9828	-696.2	QAL	9.54	3.22	1.06	0.338	3.047	9.027	1523.	38.	10.	768.5	26.3	1
89	0	516	37.0596	89.9828	-696.0	QAL	8.02	5.11	0.84	0.638	6.083	9.540	1608.	34.	6.	768.0	26.3	1
90	10	516	37.0602	89.9828	-695.2	QAL	8.11	1.31	1.06	0.0	0.0	7.665	1578.	24.	7.	765.9	26.5	1
91	0	516	37.0608	89.9828	-695.7	QAL	6.81	5.42	0.65	0.795	8.277	10.408	1443.	41.	3.	767.4	26.5	1
92	10	520	37.0613	89.9828	-694.7	QAL	6.72	1.75	0.92	0.0	0.0	7.273	1401.	50.	6.	768.5	26.5	1
93	0	524	37.0620	89.9828	-695.0	QAL	7.36	2.74	0.93	0.373	2.942	7.895	1344.	46.	2.	766.4	26.5	1
94	0	524	37.0625	89.9828	-696.0	QAL	5.05	3.83	1.10	0.758	3.481	4.592	1449.	41.	2.	765.9	26.6	1
95	0	524	37.0631	89.9827	-695.7	QAL	5.66	4.22	1.08	0.745	3.890	5.218	1469.	44.	1.	766.9	26.6	1
96	0	528	37.0637	89.9827	-695.7	QAL	7.25	3.05	1.06	0.421	2.869	6.821	1511.	38.	0.	766.9	26.6	1
97	0	528	37.0643	89.9828	-697.5	QAL	4.97	2.96	1.19	0.595	2.480	4.167	1531.	41.	0.	766.4	26.6	1
98	0	524	37.0649	89.9828	-697.2	QAL	3.88	4.46	1.25	1.149	3.581	3.116	1561.	45.	0.	766.4	26.6	1
99	0	524	37.0655	89.9827	-698.7	QAL	4.42	4.33	1.12	0.979	3.870	3.953	1624.	20.	3.	767.4	26.5	1
100	0	516	37.0661	89.9827	-701.7	QAL	6.21	1.96	0.94	0.316	2.087	6.607	1452.	47.	6.	767.4	26.5	1
101	0	512	37.0667	89.9827	-702.2	QAL	5.74	2.87	1.00	0.499	2.866	5.738	1457.	35.	10.	765.4	26.5	1
102	10	508	37.0672	89.9827	-701.0	QAL	6.04	1.33	1.19	0.0	0.0	5.096	1513.	26.	13.	766.4	26.5	1
103	10	500	37.0679	89.9827	-702.7	QAL	6.62	1.53	0.90	0.0	0.0	7.367	1354.	53.	12.	768.5	26.5	1
104	10	488	37.0684	89.9827	-706.0	QAL	6.13	1.67	1.19	0.0	0.0	5.154	1474.	36.	12.	767.4	26.5	1
105	10	500	37.0690	89.9827	-706.5	QAL	3.87	1.28	1.14	0.0	0.0	3.389	1377.	43.	14.	767.4	26.5	1
106	0	500	37.0696	89.9827	-708.7	QAL	6.29	2.83	1.21	0.449	2.346	5.223	1532.	29.	9.	768.5	26.5	1

CP9 1P12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
107	0	496	37.0702	89.9826	-710.0	QAL	4.49	2.07	1.33	0.462	1.563	3.383	1472.	33.	8.	768.5	26.3	1
108	10	496	37.0708	89.9826	-711.7	QAL	7.33	1.04	1.34	0.0	0.0	5.470	1568.	27.	4.	766.4	26.4	1
109	10	488	37.0714	89.9826	-713.5	QAL	7.75	1.21	1.41	0.0	0.0	5.499	1499.	46.	2.	766.4	26.4	1
110	0	488	37.0720	89.9827	-715.0	QAL	6.59	3.39	1.49	0.514	2.274	4.424	1487.	49.	0.	767.4	26.4	1
111	0	488	37.0726	89.9826	-717.7	QAL	5.32	3.15	1.55	0.592	2.027	3.424	1587.	36.	3.	769.5	26.5	1
112	0	488	37.0732	89.9826	-719.7	QAL	5.16	3.23	1.21	0.625	2.665	4.266	1517.	31.	3.	768.5	26.5	1
113	0	488	37.0738	89.9826	-722.0	QAL	4.20	2.47	1.55	0.589	1.599	2.714	1505.	49.	4.	766.4	26.5	1
114	10	492	37.0744	89.9826	-725.7	QAL	6.51	1.41	1.59	0.0	0.0	4.095	1524.	31.	3.	767.4	26.6	1
115	0	504	37.0749	89.9826	-728.5	QAL	6.15	1.86	1.58	0.302	1.177	3.898	1498.	47.	0.	769.5	26.6	1
116	0	508	37.0756	89.9826	-731.0	QAL	4.13	4.20	1.16	1.017	3.610	3.548	1531.	34.	5.	767.4	26.6	1
117	0	516	37.0761	89.9826	-733.7	QAL	5.27	2.85	1.21	0.541	2.360	4.359	1468.	46.	8.	766.4	26.6	1
118	0	520	37.0767	89.9826	-737.0	QAL	9.80	2.11	0.99	0.216	2.134	9.901	1552.	37.	8.	768.5	26.5	1
119	10	520	37.0773	89.9826	-739.7	QAL	9.87	1.63	1.32	0.0	0.0	7.448	1555.	31.	4.	768.5	26.5	1
120	0	524	37.0779	89.9825	-742.7	QAL	5.26	3.66	1.34	0.696	2.735	3.931	1483.	40.	5.	767.4	26.4	1
121	10	520	37.0785	89.9825	-746.7	QAL	6.38	1.38	1.21	0.0	0.0	5.252	1474.	44.	8.	766.4	26.4	1
122	0	520	37.0791	89.9825	-749.2	QAL	4.85	1.88	1.21	0.387	1.557	4.020	1511.	44.	6.	767.4	26.4	1
123	0	524	37.0797	89.9825	-752.2	QAL	4.70	2.67	1.41	0.568	1.890	3.328	1543.	39.	0.	768.5	26.5	1
124	0	524	37.0803	89.9825	-754.2	QAL	4.75	1.62	1.40	0.340	1.159	3.406	1464.	41.	2.	767.4	26.5	1
125	0	524	37.0808	89.9825	-759.7	QAL	6.49	1.97	1.35	0.303	1.458	4.812	1471.	39.	4.	766.4	26.4	1
126	0	524	37.0815	89.9825	-762.0	QAL	7.18	2.66	1.08	0.370	2.452	6.632	1470.	35.	1.	767.4	26.3	1
127	0	520	37.0820	89.9825	-765.5	QAL	7.47	1.81	1.67	0.242	1.083	4.465	1548.	35.	1.	768.5	26.3	1
128	0	516	37.0826	89.9825	-771.2	QAL	4.73	2.96	1.17	0.626	2.527	4.036	1574.	31.	4.	766.4	26.3	1
129	0	520	37.0832	89.9825	-776.5	QAL	5.56	2.22	1.29	0.399	1.719	4.307	1510.	51.	3.	765.4	26.3	1
130	0	520	37.0838	89.9825	-779.2	QAL	5.77	2.03	1.30	0.352	1.567	4.452	1473.	53.	6.	768.5	26.3	1
131	0	512	37.0844	89.9825	-785.0	QAL	7.78	2.90	1.10	0.373	2.632	7.063	1594.	39.	7.	769.5	26.3	1
132	0	508	37.0850	89.9824	-788.2	QAL	7.99	2.09	1.00	0.261	2.078	7.965	1521.	41.	9.	767.4	26.3	1
133	0	504	37.0856	89.9824	-794.0	QAL	6.10	2.77	1.31	0.454	2.119	4.670	1577.	46.	6.	767.4	26.2	1
134	10	500	37.0862	89.9824	-799.7	QAL	7.95	0.97	1.00	0.0	0.0	7.927	1575.	41.	14.	769.5	26.2	1
135	10	496	37.0867	89.9824	-803.2	QAL	6.74	1.83	1.05	0.0	0.0	6.409	1616.	37.	14.	769.0	26.2	1
136	0	492	37.0874	89.9824	-809.7	QAL	8.42	2.12	0.99	0.252	2.136	8.487	1516.	38.	9.	766.9	26.2	1
137	0	488	37.0879	89.9824	-816.2	QAL	7.59	2.39	1.00	0.315	2.395	7.594	1551.	34.	14.	768.0	26.2	1
138	10	484	37.0885	89.9824	-821.5	QAL	7.68	1.14	1.01	0.0	0.0	7.588	1575.	36.	15.	769.0	26.2	1
139	10	480	37.0892	89.9824	-827.5	QAL	7.98	1.67	0.96	0.0	0.0	8.308	1608.	37.	15.	767.4	26.1	1
140	0	476	37.0897	89.9823	-833.2	QAL	8.32	2.41	0.93	0.290	2.606	8.987	1536.	36.	12.	768.5	26.1	1
141	0	472	37.0903	89.9823	-837.5	QAL	5.57	1.88	0.81	0.338	2.326	6.889	1508.	41.	11.	770.5	26.1	1
142	0	472	37.0909	89.9824	-841.7	QAL	6.19	3.79	0.90	0.613	4.193	6.846	1519.	31.	9.	768.0	26.2	1
143	0	476	37.0915	89.9824	-847.7	QAL	7.81	3.45	0.83	0.442	4.175	9.441	1589.	34.	8.	766.9	26.2	1
144	0	476	37.0921	89.9823	-850.5	QAL	7.81	1.87	0.84	0.239	2.234	9.349	1522.	36.	7.	770.0	26.3	1
145	0	480	37.0927	89.9823	-854.2	QAL	7.47	2.04	1.04	0.273	1.956	7.173	1486.	41.	7.	768.0	26.3	1
146	0	484	37.0933	89.9823	-859.5	QAL	7.10	3.85	0.87	0.543	4.454	8.205	1526.	31.	1.	766.9	26.3	1
147	0	488	37.0939	89.9823	-862.2	QAL	5.79	2.64	1.05	0.456	2.518	5.520	1509.	43.	7.	769.5	26.3	1
148	0	496	37.0944	89.9822	-864.5	QAL	7.47	2.42	0.93	0.324	2.612	8.051	1496.	37.	9.	768.5	26.3	1
149	10	500	37.0951	89.9822	-868.7	QAL	5.47	0.86	0.95	0.0	0.0	5.761	1410.	48.	9.	766.4	26.3	1
150	0	504	37.0956	89.9822	-870.7	QAL	6.84	1.92	0.83	0.281	2.327	8.272	1452.	34.	8.	767.4	26.2	1
151	0	500	37.0962	89.9822	-871.2	QAL	4.78	3.63	0.91	0.760	4.010	5.279	1383.	46.	5.	767.4	26.3	1
152	0	500	37.0968	89.9822	-873.0	QAL	6.88	3.13	0.90	0.455	3.480	7.654	1479.	41.	5.	766.9	26.3	1
153	0	512	37.0974	89.9822	-872.7	QAL	7.06	2.56	0.98	0.363	2.621	7.222	1417.	29.	6.	769.0	26.2	1
154	0	504	37.0979	89.9822	-874.0	QAL	7.05	4.59	0.79	0.650	5.799	8.919	1456.	39.	3.	769.0	26.2	1
155	0	504	37.0984	89.9822	-875.5	QAL	4.35	3.70	1.17	0.851	3.164	3.718	1469.	41.	3.	768.0	26.2	1
156	0	500	37.0990	89.9821	-875.7	QAL	6.61	3.21	0.97	0.486	3.315	6.818	1474.	41.	3.	769.0	26.2	1
157	0	492	37.0995	89.9821	-875.2	QAL	6.56	2.79	0.80	0.425	3.473	8.166	1422.	42.	3.	768.0	26.2	1
158	0	492	37.1001	89.9822	-876.2	QAL	7.02	1.92	0.77	0.273	2.474	9.074	1347.	36.	2.	766.9	26.2	1
159	0	496	37.1007	89.9822	-875.7	QAL	4.20	6.32	0.63	1.503	9.977	6.639	1487.	48.	1.	768.5	26.2	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
160	0	492	37.1012	89.9821	-874.7	QAL	5.89	3.49	0.85	0.592	4.092	6.910	1481.	44.	3.	767.4	26.2	1
161	0	492	37.1018	89.9821	-875.5	QAL	7.49	2.15	0.85	0.287	2.528	8.822	1553.	44.	6.	767.4	26.2	1
162	0	492	37.1023	89.9821	-873.7	QAL	8.37	2.32	1.05	0.277	2.213	7.990	1601.	34.	5.	770.0	26.2	1
163	0	492	37.1029	89.9821	-872.7	QAL	7.81	2.43	1.02	0.311	2.393	7.686	1609.	45.	9.	768.0	26.2	1
164	0	488	37.1034	89.9821	-872.5	QAL	7.58	5.01	0.65	0.661	7.717	11.671	1606.	47.	8.	766.9	26.2	1
165	0	488	37.1040	89.9821	-871.7	QAL	8.49	3.38	1.23	0.398	2.753	6.913	1695.	33.	4.	769.0	26.2	1
166	0	484	37.1045	89.9821	-869.2	QAL	7.67	2.80	0.79	0.366	3.527	9.648	1493.	46.	8.	768.0	26.2	1
167	0	484	37.1050	89.9820	-869.0	QAL	6.79	2.10	0.88	0.310	2.400	7.748	1608.	40.	13.	768.5	26.2	1
168	0	484	37.1056	89.9820	-868.0	QAL	8.08	2.64	0.85	0.327	3.121	9.554	1550.	36.	14.	770.0	26.3	1
169	0	488	37.1061	89.9820	-865.5	QAL	9.16	4.09	0.73	0.447	5.639	12.629	1575.	46.	12.	768.0	26.3	1
170	0	484	37.1067	89.9820	-864.2	QAL	3.81	4.32	0.68	1.136	6.381	5.619	1565.	27.	14.	768.5	26.3	1
171	0	484	37.1072	89.9820	-863.2	QAL	6.29	3.64	0.55	0.578	6.602	11.418	1320.	34.	14.	768.0	26.2	1
172	0	456	37.1078	89.9820	-861.0	QAL	5.54	1.92	0.76	0.346	2.510	7.250	1426.	37.	16.	766.9	26.3	1
173	0	460	37.1084	89.9820	-858.7	QAL	6.09	1.78	0.67	0.292	2.645	9.071	1331.	44.	15.	768.0	26.4	1
174	0	468	37.1089	89.9819	-857.7	QAL	5.50	3.51	0.74	0.638	4.756	7.458	1371.	46.	11.	766.9	26.4	1
175	10	504	37.1094	89.9819	-856.5	QAL	7.11	1.44	0.85	0.0	0.0	8.413	1458.	35.	15.	766.4	26.4	1
176	0	476	37.1100	89.9819	-856.0	QAL	6.58	1.56	1.05	0.237	1.487	6.269	1419.	34.	4.	767.4	26.4	1
177	0	488	37.1105	89.9820	-853.5	QAL	5.47	2.59	0.54	0.474	4.804	10.128	1380.	46.	9.	767.4	26.4	1
178	0	512	37.1111	89.9819	-851.7	QAL	7.11	2.53	0.97	0.356	2.611	7.338	1515.	36.	5.	767.4	26.3	1
179	10	512	37.1116	89.9819	-852.0	QAL	8.55	1.61	0.79	0.0	0.0	10.812	1522.	39.	5.	766.9	26.3	1
180	0	508	37.1122	89.9819	-850.0	QAL	10.24	3.05	0.74	0.297	4.117	13.848	1528.	25.	3.	767.4	26.3	1
181	0	508	37.1127	89.9818	-847.2	QAL	8.12	3.73	1.07	0.459	3.498	7.623	1556.	47.	0.	768.0	26.2	1
182	0	500	37.1133	89.9819	-846.5	QAL	6.02	4.29	0.86	0.713	5.018	7.043	1597.	26.	2.	766.9	26.2	1
183	0	508	37.1138	89.9819	-845.7	QAL	9.08	4.49	0.87	0.495	5.148	10.407	1569.	33.	1.	766.9	26.1	1
184	10	504	37.1144	89.9819	-844.0	QAL	12.27	0.86	1.17	0.0	0.0	10.480	1619.	51.	3.	767.4	26.1	1
185	0	500	37.1150	89.9818	-842.2	QAL	7.71	3.09	1.04	0.401	2.979	7.431	1597.	55.	2.	767.4	26.1	1
186	0	496	37.1155	89.9818	-842.7	QAL	8.78	3.35	1.24	0.382	2.709	7.093	1670.	35.	6.	768.5	26.1	1
187	0	492	37.1160	89.9818	-840.2	QAL	9.20	3.35	1.16	0.364	2.884	7.920	1832.	29.	6.	767.4	26.1	1
188	0	488	37.1166	89.9818	-838.7	QAL	11.23	2.70	1.16	0.241	2.328	9.672	1732.	49.	8.	768.0	26.1	1
189	0	488	37.1171	89.9818	-837.2	QAL	7.39	3.28	1.06	0.444	3.101	6.980	1650.	42.	11.	768.5	26.1	1
190	10	492	37.1177	89.9818	-836.5	QAL	7.78	1.63	1.11	0.0	0.0	7.036	1685.	35.	12.	766.9	26.1	1
191	0	492	37.1182	89.9818	-836.2	QAL	6.73	1.87	1.04	0.278	1.796	6.463	1609.	35.	11.	768.0	26.1	1
192	0	492	37.1188	89.9817	-835.7	QAL	8.75	4.37	1.04	0.499	4.201	8.415	1662.	48.	9.	768.5	26.2	1
193	0	496	37.1193	89.9817	-834.2	QAL	10.53	2.01	0.71	0.191	2.830	14.816	1650.	34.	7.	766.9	26.1	1
194	0	476	37.1199	89.9817	-833.0	CAL	7.95	2.74	0.91	0.345	3.014	8.747	1479.	44.	6.	768.0	26.2	1
195	0	448	37.1204	89.9817	-831.5	QAL	6.63	1.67	0.85	0.251	1.948	7.757	1302.	39.	11.	768.0	26.2	1
196	0	488	37.1210	89.9816	-832.7	QAL	5.00	2.88	0.82	0.575	3.503	6.090	1377.	35.	8.	767.4	26.2	1
197	0	508	37.1215	89.9816	-831.2	QAL	6.30	2.47	1.17	0.391	2.106	5.382	1497.	45.	8.	768.0	26.1	1
198	0	512	37.1221	89.9817	-829.5	QAL	7.41	4.22	0.95	0.569	4.457	7.831	1569.	26.	7.	767.4	26.0	1
199	0	512	37.1226	89.9816	-828.0	QAL	5.92	3.83	0.76	0.646	5.056	7.826	1544.	36.	3.	767.4	26.0	1
200	0	508	37.1232	89.9816	-828.5	QAL	6.58	4.69	1.09	0.712	4.314	6.056	1669.	28.	0.	766.9	26.0	1
201	0	504	37.1237	89.9816	-827.7	QAL	5.44	6.12	0.82	1.124	7.413	6.595	1662.	44.	1.	767.4	25.9	1
202	0	500	37.1243	89.9816	-825.0	QAL	7.86	5.05	1.13	0.643	4.482	6.972	1708.	43.	0.	768.0	25.9	1
203	0	500	37.1248	89.9816	-825.5	QAL	8.05	4.08	1.51	0.507	2.699	5.323	1687.	34.	0.	768.5	25.9	1
204	0	500	37.1254	89.9816	-823.5	QAL	5.57	4.64	1.47	0.832	3.163	3.801	1732.	35.	0.	769.0	25.9	1
205	0	496	37.1259	89.9816	-822.0	QAL	6.56	2.64	1.18	0.403	2.228	5.536	1725.	35.	3.	768.0	25.9	1
206	0	492	37.1265	89.9816	-823.2	QAL	10.12	2.85	0.67	0.281	4.279	15.208	1626.	37.	3.	768.5	25.9	1
207	0	488	37.1270	89.9815	-822.2	QAL	7.16	4.56	0.72	0.637	6.345	9.965	1709.	39.	3.	769.0	25.9	1
208	0	480	37.1276	89.9815	-821.0	QAL	6.12	3.44	0.97	0.562	3.537	6.289	1584.	48.	9.	767.4	25.9	1
209	0	476	37.1281	89.9815	-821.0	QAL	8.43	2.22	1.17	0.264	1.898	7.196	1594.	38.	10.	769.5	25.9	1
210	0	476	37.1287	89.9815	-819.5	QAL	7.60	3.10	0.93	0.407	3.331	8.177	1697.	37.	10.	770.0	25.9	1
211	10	480	37.1292	89.9815	-817.5	QAL	8.00	0.92	1.37	0.0	0.0	5.860	1614.	43.	14.	767.4	25.9	1
212	0	480	37.1297	89.9815	-815.5	QAL	7.12	2.59	1.09	0.364	2.371	6.507	1728.	37.	12.	769.0	26.0	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
213	10	484	37.1303	89.9815	-816.7		QAL	9.44	1.50	1.15	0.0	0.0	8.231	1632.	50.	9.	768.5	26.0	1
214	10	488	37.1309	89.9814	-815.2		QAL	6.89	1.74	0.74	0.0	0.0	9.259	1532.	35.	12.	768.0	26.1	1
215	0	496	37.1314	89.9814	-812.2		QAL	8.41	3.22	0.87	0.382	3.697	9.667	1563.	32.	3.	768.5	26.2	1
216	0	504	37.1319	89.9814	-813.7		QAL	4.44	3.26	0.91	0.734	3.570	4.866	1486.	36.	6.	767.4	26.3	1
217	0	512	37.1325	89.9814	-812.2		QAL	6.29	3.03	1.02	0.482	2.961	6.146	1640.	33.	4.	768.0	26.3	1
218	0	520	37.1331	89.9814	-808.7		QAL	7.17	2.72	0.97	0.380	2.810	7.402	1544.	31.	4.	768.5	26.3	1
219	0	524	37.1336	89.9814	-809.7		QAL	6.84	1.82	1.45	0.267	1.254	4.706	1594.	33.	6.	766.9	26.3	1
220	0	524	37.1342	89.9814	-808.2		QAL	4.96	2.93	1.02	0.590	2.871	4.868	1625.	39.	13.	766.9	26.2	1
221	0	520	37.1347	89.9813	-805.7		QAL	7.05	2.94	0.95	0.416	3.104	7.455	1552.	35.	8.	766.9	26.1	1
222	0	520	37.1353	89.9814	-805.0		QAL	4.61	2.33	0.85	0.505	2.730	5.407	1530.	32.	10.	767.4	26.1	1
223	10	516	37.1358	89.9814	-803.5		QAL	6.14	1.61	0.96	0.0	0.0	6.401	1511.	31.	16.	768.0	26.1	1
224	0	516	37.1364	89.9814	-800.2		QAL	4.50	2.48	0.98	0.551	2.517	4.567	1578.	38.	13.	766.9	26.0	1
225	0	520	37.1369	89.9813	-798.2		QAL	5.58	2.58	1.16	0.462	2.216	4.797	1558.	27.	14.	767.4	25.9	1
226	0	520	37.1374	89.9813	-798.0		QAL	5.40	3.68	1.10	0.682	3.336	4.888	1589.	36.	5.	766.9	26.0	1
227	0	512	37.1380	89.9813	-795.7		QAL	7.13	2.97	1.10	0.417	2.704	6.489	1626.	38.	6.	765.9	25.9	1
228	0	516	37.1385	89.9812	-793.2		QAL	6.98	1.91	1.16	0.274	1.647	6.012	1517.	29.	6.	766.9	26.0	1
229	0	516	37.1391	89.9812	-791.2		QAL	6.41	3.12	0.99	0.487	3.142	6.453	1501.	43.	2.	768.0	26.0	1
230	0	516	37.1396	89.9812	-790.0		QAL	7.07	2.32	1.37	0.328	1.691	5.146	1536.	41.	1.	768.5	26.0	1
231	0	512	37.1402	89.9812	-788.0		QAL	6.44	2.72	1.02	0.422	2.663	6.302	1563.	47.	2.	768.5	25.9	1
232	0	504	37.1408	89.9812	-785.2		QAL	6.82	3.25	1.13	0.476	2.881	6.048	1555.	47.	4.	767.4	25.9	1
233	0	492	37.1413	89.9812	-784.7		QAL	6.54	2.62	0.81	0.400	3.216	8.033	1475.	45.	10.	768.0	25.9	1
234	0	480	37.1419	89.9812	-782.2		QAL	7.66	2.14	1.03	0.279	2.077	7.433	1524.	30.	12.	768.5	25.9	1
235	10	476	37.1424	89.9812	-779.2		QAL	6.03	1.57	1.02	0.0	0.0	5.916	1559.	41.	13.	768.0	25.9	1
236	0	468	37.1430	89.9812	-777.0		QAL	5.41	2.98	1.02	0.552	2.940	5.328	1432.	37.	13.	768.5	25.9	1
237	0	464	37.1435	89.9812	-774.2		QAL	4.70	3.74	0.84	0.795	4.453	5.600	1497.	36.	12.	769.0	25.9	1
238	0	464	37.1440	89.9812	-772.2		QAL	5.57	4.04	1.07	0.725	3.786	5.223	1538.	44.	14.	768.5	25.9	1
239	10	464	37.1446	89.9811	-769.5		QAL	7.80	0.13	1.09	0.0	0.0	7.165	1551.	44.	15.	766.9	26.0	1
240	0	468	37.1451	89.9811	-766.7		QAL	6.48	2.58	0.97	0.398	2.671	6.717	1527.	39.	14.	767.4	26.1	1
241	0	476	37.1457	89.9812	-765.0		QAL	6.89	1.85	1.10	0.268	1.683	6.279	1597.	48.	11.	766.9	26.1	1
242	10	484	37.1462	89.9812	-761.7		QAL	6.59	1.32	1.00	0.0	0.0	6.583	1541.	37.	13.	767.4	26.1	1
243	0	492	37.1468	89.9810	-759.7		QAL	5.26	2.48	0.98	0.472	2.526	5.358	1489.	39.	10.	768.5	26.0	1
244	10	496	37.1473	89.9811	-757.2		QAL	7.06	-1.46	1.36	0.0	0.0	5.180	1473.	38.	15.	766.9	26.0	1
245	0	508	37.1479	89.9811	-755.5		QAL	6.36	2.83	1.04	0.445	2.712	6.094	1675.	29.	10.	767.4	26.0	1
246	10	516	37.1485	89.9810	-753.2		OJC	5.49	0.80	1.35	0.0	0.0	4.073	1485.	43.	9.	766.9	26.0	1
247	0	528	37.1490	89.9810	-750.0		OJC	5.94	2.96	0.66	0.498	4.452	8.935	1544.	33.	11.	765.9	25.9	1
248	0	540	37.1496	89.9810	-746.2		OJC	8.70	2.97	0.83	0.342	3.587	10.502	1566.	31.	7.	767.4	25.9	1
249	0	548	37.1501	89.9810	-743.2		OJC	3.44	2.90	1.26	0.842	2.302	2.735	1541.	37.	13.	766.4	25.8	1
250	0	560	37.1506	89.9810	-742.5		OJC	7.63	3.81	1.43	0.499	2.670	5.350	1658.	32.	10.	764.9	25.7	1
251	0	564	37.1512	89.9810	-741.2		OJC	6.39	3.55	0.96	0.556	3.682	6.622	1587.	32.	10.	766.9	25.6	1
252	0	572	37.1517	89.9810	-737.7		OJC	4.81	3.98	1.19	0.828	3.347	4.043	1675.	26.	8.	765.9	25.6	1
253	10	572	37.1523	89.9809	-735.7		OJC	5.13	1.79	1.34	0.0	0.0	3.841	1642.	40.	9.	765.4	25.6	1
254	0	572	37.1528	89.9809	-733.7		OJC	9.76	3.06	1.19	0.313	2.573	8.216	1632.	35.	10.	766.9	25.5	1
255	0	572	37.1534	89.9809	-730.5		OJC	6.45	4.03	1.14	0.624	3.527	5.653	1685.	47.	8.	765.9	25.5	1
256	0	568	37.1539	89.9809	-730.0		OJC	6.20	2.69	0.72	0.433	3.704	8.549	1600.	38.	9.	765.9	25.5	1
257	0	560	37.1545	89.9809	-727.0		OJC	5.86	3.75	1.14	0.639	3.280	5.132	1441.	46.	6.	766.4	25.5	1
258	10	560	37.1550	89.9809	-724.2		OJC	8.31	1.09	1.21	0.0	0.0	6.860	1695.	38.	12.	765.9	25.5	1
259	0	556	37.1556	89.9809	-722.5		OJC	7.23	3.16	0.99	0.437	3.197	7.311	1635.	24.	6.	766.4	25.5	1
260	0	552	37.1561	89.9809	-721.7		OJC	7.33	3.18	1.18	0.434	2.695	6.211	1706.	35.	3.	766.4	25.5	1
261	0	552	37.1567	89.9808	-718.2		OJC	6.70	4.85	1.02	0.724	4.762	6.578	1709.	38.	2.	766.9	25.5	1
262	0	552	37.1572	89.9808	-715.7		OJC	5.12	3.33	1.21	0.651	2.761	4.240	1616.	38.	6.	766.9	25.5	1
263	0	548	37.1577	89.9809	-713.7		OJC	5.77	2.99	1.26	0.518	2.380	4.596	1719.	35.	5.	766.4	25.5	1
264	0	544	37.1583	89.9808	-711.2		OJC	8.07	2.98	1.27	0.369	2.352	6.366	1697.	48.	6.	766.4	25.5	1
265	0	540	37.1589	89.9808	-708.0		OJC	7.70	2.66	1.32	0.346	2.013	5.820	1703.	34.	7.	766.4	25.5	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
266	0	528	37.1594	89.9808	-705.7		OJC	6.78	2.79	1.72	0.412	1.622	3.936	1680.	41.	6.	766.9	25.6	1
267	0	524	37.1600	89.9808	-703.2		OJC	6.91	3.19	1.22	0.461	2.609	5.661	1706.	33.	9.	767.4	25.6	1
268	0	516	37.1605	89.9808	-701.2		OJC	8.87	3.57	1.15	0.403	3.101	7.693	1635.	35.	5.	766.9	25.5	1
269	10	504	37.1611	89.9808	-698.7		OJC	8.36	1.53	1.47	0.0	0.0	5.669	1695.	42.	6.	767.4	25.6	1
270	0	492	37.1616	89.9808	-697.0		OJC	9.47	2.91	1.31	0.307	2.219	7.230	1760.	40.	3.	767.4	25.6	1
271	0	480	37.1622	89.9807	-694.7		OJC	8.63	3.13	1.10	0.363	2.847	7.842	1666.	38.	5.	766.9	25.6	1
272	0	488	37.1627	89.9807	-692.7		OJC	7.85	3.88	1.44	0.495	2.690	5.439	1714.	39.	0.	766.4	25.6	1
273	0	504	37.1632	89.9807	-691.0		OJC	6.87	4.24	1.30	0.617	3.250	5.269	1693.	50.	2.	765.9	25.6	1
274	0	516	37.1638	89.9807	-688.0		OJC	7.04	3.68	1.39	0.522	2.651	5.075	1778.	44.	4.	766.4	25.6	1
275	0	516	37.1644	89.9807	-685.7		OJC	7.96	2.93	1.28	0.368	2.280	6.199	1638.	34.	7.	766.4	25.6	1
276	0	516	37.1649	89.9807	-684.7		OJC	7.09	2.22	1.24	0.313	1.797	5.738	1633.	46.	3.	765.9	25.6	1
277	0	524	37.1654	89.9807	-680.2		OJC	8.65	4.31	0.83	0.498	5.169	10.369	1522.	52.	5.	765.9	25.5	1
278	0	536	37.1660	89.9807	-677.7		OJC	5.70	2.53	0.98	0.445	2.590	5.823	1573.	33.	8.	766.4	25.5	1
279	0	540	37.1666	89.9806	-675.5		OJC	4.75	2.57	1.27	0.542	2.018	3.724	1505.	41.	5.	766.4	25.5	1
280	0	536	37.1671	89.9806	-674.0		OJC	7.55	2.84	1.13	0.375	2.516	6.701	1554.	38.	3.	766.4	25.6	1
281	0	532	37.1677	89.9806	-670.5		OJC	7.23	3.42	1.15	0.473	2.981	6.305	1608.	39.	6.	767.4	25.6	1
282	10	536	37.1682	89.9805	-668.0		OJC	9.12	1.47	1.15	0.0	0.0	7.934	1575.	43.	5.	766.9	25.6	1
283	10	540	37.1687	89.9805	-666.0		OJC	7.97	1.03	1.31	0.0	0.0	6.091	1467.	41.	4.	766.4	25.6	1
284	0	540	37.1693	89.9805	-663.2		OJC	8.03	2.22	1.26	0.277	1.763	6.367	1590.	35.	6.	766.4	25.7	1
285	10	536	37.1699	89.9806	-660.7		OJC	5.63	1.78	1.09	0.0	0.0	5.165	1407.	38.	8.	765.9	25.7	1
286	0	524	37.1704	89.9805	-657.0		OJC	7.40	2.84	1.01	0.384	2.816	7.336	1397.	30.	3.	765.4	25.7	1
287	0	468	37.1709	89.9805	-653.0		OJC	7.09	2.44	0.62	0.344	3.953	11.501	1181.	38.	4.	765.4	25.7	1
288	0	444	37.1715	89.9805	-650.7		OJC	5.80	2.24	0.63	0.387	3.531	9.133	1166.	32.	5.	765.4	25.7	1
289	10	436	37.1720	89.9805	-647.2		OJC	4.33	0.38	0.90	0.0	0.0	4.820	1206.	37.	13.	766.4	25.6	1
290	10	460	37.1726	89.9805	-644.2		OJC	6.35	1.09	0.77	0.0	0.0	8.262	1210.	46.	13.	764.9	25.6	1
291	0	440	37.1732	89.9805	-641.7		OJC	4.03	1.76	0.81	0.437	2.165	4.953	1167.	41.	13.	764.3	25.5	1
292	10	412	37.1737	89.9805	-637.2		OJC	5.07	-0.13	0.93	0.0	0.0	5.426	1103.	41.	16.	765.4	25.5	1
293	10	412	37.1743	89.9804	-636.0		OJC	3.29	0.89	0.44	0.0	0.0	7.409	917.	57.	16.	765.4	25.4	1
294	10	412	37.1748	89.9804	-630.5		OJC	2.22	1.07	0.63	0.0	0.0	3.542	999	51.	17.	765.4	25.5	1
295	10	416	37.1754	89.9804	-626.7		OJC	6.26	0.63	0.59	0.0	0.0	10.613	1032.	43.	16.	764.9	25.5	1
296	10	432	37.1759	89.9804	-623.7		OJC	4.92	0.60	0.61	0.0	0.0	8.079	1045.	44.	17.	765.4	25.5	1
297	0	460	37.1764	89.9804	-620.7		OJC	4.03	1.84	0.51	0.457	3.630	7.940	1060.	34.	18.	765.9	25.5	1
298	0	472	37.1770	89.9804	-613.2		OJC	2.61	2.51	0.80	0.959	3.144	3.279	1210.	27.	16.	764.9	25.6	1
299	10	480	37.1775	89.9804	-608.2		OJC	6.37	0.70	0.56	0.0	0.0	11.358	1227.	38.	13.	765.9	25.6	1
300	0	472	37.1781	89.9803	-607.0		OJC	4.87	2.56	0.57	0.526	4.528	8.606	1220.	35.	10.	766.4	25.6	1
301	10	472	37.1786	89.9803	-601.2		OJC	7.06	0.70	0.86	0.0	0.0	8.224	1203.	33.	11.	764.9	25.6	1
302	0	488	37.1792	89.9803	-595.5		OJC	4.93	2.34	0.68	0.474	3.413	7.196	1309.	39.	11.	765.4	25.6	1
303	10	536	37.1797	89.9803	-591.7		OJC	6.48	1.54	1.05	0.0	0.0	6.172	1539.	29.	14.	765.4	25.6	1
304	10	572	37.1803	89.9803	-588.2		OJC	10.37	1.22	0.76	0.0	0.0	13.625	1569.	32.	14.	764.9	25.6	1
305	0	568	37.1808	89.9803	-583.2		OJC	5.59	3.67	0.87	0.657	4.212	6.416	1563.	38.	9.	765.4	25.6	1
306	10	568	37.1814	89.9803	-579.0		OJC	9.11	1.71	1.17	0.0	0.0	7.757	1561.	49.	12.	765.9	25.5	1
307	0	564	37.1820	89.9802	-574.7		OJC	5.78	2.42	1.23	0.418	1.964	4.698	1473.	50.	14.	765.4	25.6	1
308	10	560	37.1825	89.9803	-570.2		OJC	6.18	-0.30	1.50	0.0	0.0	4.132	1510.	38.	16.	765.9	25.5	1
309	0	556	37.1830	89.9803	-565.5		OJC	7.04	2.57	0.83	0.365	3.094	8.469	1493.	34.	11.	766.4	25.4	1
310	10	552	37.1835	89.9803	-562.2		OJC	5.37	1.52	0.93	0.0	0.0	5.763	1477.	41.	15.	765.9	25.5	1
311	0	552	37.1841	89.9802	-558.5		OJC	4.80	3.04	0.77	0.634	3.957	6.243	1467.	45.	15.	765.9	25.5	1
312	10	556	37.1847	89.9802	-554.7		OJC	7.02	1.77	0.82	0.0	0.0	8.520	1356.	50.	15.	766.4	25.5	1
313	0	516	37.1852	89.9802	-551.7		OJC	3.65	1.90	0.55	0.521	3.490	6.702	1113.	42.	7.	765.9	25.5	1
314	10	464	37.1858	89.9802	-547.0		OJC	3.68	0.78	0.70	0.0	0.0	5.235	1047.	32.	15.	765.4	25.5	1
315	10	436	37.1863	89.9802	-543.0		OJC	3.61	0.71	0.62	0.0	0.0	5.853	894.	36.	14.	765.9	25.5	1
316	10	424	37.1869	89.9802	-540.2		OJC	3.76	0.63	0.46	0.0	0.0	8.170	927.	37.	16.	766.4	25.5	1
317	10	416	37.1875	89.9802	-538.7		OJC	4.66	-0.27	0.38	0.0	0.0	12.277	849.	35.	14.	765.9	25.5	1
318	10	376	37.1880	89.9801	-534.5		OJC	3.13	-0.16	0.58	0.0	0.0	5.377	878.	38.	16.	765.9	25.5	1

* TAGS			* LOCATION			*	REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
319	10	328	37.1886	89.9801	-530.2	OJC	4.49	0.02	0.58	0.0	0.0	7.811	887.	34.	14.	766.4	25.4	1
320	0	332	37.1891	89.9801	-530.0	OJC	3.45	2.06	0.46	0.595	4.434	7.452	985.	35.	16.	765.9	25.4	1
321	0	348	37.1896	89.9801	-531.0	OJC	3.20	2.18	0.48	0.680	4.528	6.661	946.	37.	15.	766.4	25.4	1
322	0	388	37.1902	89.9801	-530.2	OJC	2.47	1.34	0.45	0.542	2.953	5.448	972.	34.	14.	766.9	25.4	1
323	10	432	37.1907	89.9801	-529.5	OJC	3.67	1.52	0.59	0.0	0.0	6.240	1058.	40.	14.	767.4	25.5	1
324	0	496	37.1913	89.9801	-528.5	OJC	5.05	2.01	0.72	0.398	2.782	6.995	1239.	33.	13.	767.4	25.5	1
325	0	496	37.1918	89.9800	-526.5	OJC	4.66	2.88	0.67	0.618	4.300	6.955	1209.	32.	8.	767.4	25.5	1
326	0	476	37.1924	89.9800	-521.7	OJC	4.57	2.70	0.57	0.590	4.702	7.974	1131.	41.	9.	766.9	25.6	1
327	0	444	37.1929	89.9800	-519.2	OJC	3.93	1.49	0.55	0.379	2.732	7.204	1066.	38.	7.	765.9	25.6	1
328	0	428	37.1935	89.9801	-517.2	OJC	2.99	1.44	0.49	0.483	2.943	6.097	937.	42.	6.	766.4	25.7	1
329	0	388	37.1940	89.9799	-514.5	OJC	2.94	1.65	0.55	0.560	3.012	5.380	847.	38.	5.	766.4	25.7	1
330	0	348	37.1946	89.9800	-514.7	OJC	3.03	1.40	0.47	0.463	2.969	6.412	815.	34.	2.	766.4	25.7	1
331	0	320	37.1951	89.9800	-514.0	OJC	2.04	2.28	0.33	1.116	6.905	6.186	737.	46.	2.	766.9	25.6	1
332	0	340	37.1957	89.9800	-512.0	OJC	3.66	1.66	0.42	0.452	3.910	8.640	837.	38.	2.	765.9	25.6	1
333	0	388	37.1962	89.9799	-512.0	OJC	2.15	1.29	0.47	0.598	2.766	4.628	795.	36.	7.	765.4	25.6	1
334	10	440	37.1967	89.9799	-511.5	OJC	3.39	0.83	0.56	0.0	0.0	6.038	885.	46.	7.	765.4	25.6	1
335	10	460	37.1973	89.9799	-509.7	OJC	2.44	0.79	0.69	0.0	0.0	3.565	945.	39.	10.	765.4	25.6	1
336	10	408	37.1978	89.9799	-506.7	OJC	5.61	-0.70	0.51	0.0	0.0	10.974	824.	44.	7.	765.9	25.6	1
337	0	356	37.1984	89.9799	-506.0	OJC	2.72	2.07	0.43	0.761	4.777	6.275	788.	40.	7.	766.9	25.5	1
338	0	320	37.1990	89.9799	-503.2	OJC	4.68	1.34	0.55	0.287	2.450	8.538	853.	42.	6.	766.4	25.5	1
339	10	332	37.1995	89.9799	-504.0	OJC	3.86	0.42	0.68	0.0	0.0	5.685	911.	28.	6.	765.4	25.4	1
340	10	336	37.2001	89.9798	-504.7	OJC	3.39	0.71	0.71	0.0	0.0	4.797	880.	30.	9.	765.4	25.4	1
341	0	384	37.2006	89.9798	-503.2	OJC	3.80	2.28	0.43	0.598	5.344	8.929	983.	41.	5.	766.4	25.4	1
342	0	416	37.2012	89.9798	-501.7	OJC	3.93	2.27	0.53	0.578	4.270	7.391	1040.	41.	6.	766.4	25.4	1
343	0	468	37.2017	89.9798	-501.0	OJC	2.44	3.07	0.86	1.256	3.574	2.845	1258.	40.	6.	765.9	25.4	1
344	0	512	37.2022	89.9798	-500.5	OJC	5.77	2.93	0.85	0.508	3.460	6.810	1323.	37.	3.	765.9	25.4	1
345	0	484	37.2028	89.9798	-499.7	OJC	5.86	3.36	0.69	0.574	4.897	8.530	1288.	43.	2.	765.9	25.6	1
346	0	448	37.2034	89.9798	-499.5	OJC	4.16	2.63	0.75	0.634	3.507	5.535	1099.	53.	0.	765.9	25.6	1
347	0	428	37.2040	89.9798	-500.2	OJC	4.48	3.57	0.41	0.798	8.675	10.877	1159.	36.	0.	765.4	25.6	1
348	0	408	37.2045	89.9797	-498.5	OJC	5.32	2.77	0.68	0.521	4.081	7.829	1105.	41.	2.	765.4	25.6	1
349	10	432	37.2051	89.9798	-496.7	OJC	3.49	0.89	0.94	0.0	0.0	3.706	1032.	41.	6.	766.4	25.6	1
350	10	472	37.2056	89.9798	-497.2	OJC	4.85	1.32	0.72	0.0	0.0	6.773	1131.	34.	4.	765.9	25.6	1
351	0	476	37.2062	89.9798	-497.7	OJC	4.58	2.33	0.37	0.509	6.346	12.464	1089.	46.	5.	764.9	25.5	1
352	0	436	37.2068	89.9797	-495.2	OJC	3.27	4.37	0.34	1.338	12.703	9.493	946.	36.	2.	764.9	25.5	1
353	10	392	37.2074	89.9797	-495.2	OJC	5.49	0.88	0.37	0.0	0.0	14.848	867.	40.	4.	765.4	25.5	1
354	10	340	37.2079	89.9797	-494.7	OJC	3.03	0.45	0.54	0.0	0.0	5.617	760.	41.	4.	765.4	25.5	1
355	0	312	37.2085	89.9797	-493.0	OJC	3.01	2.37	0.26	0.787	9.033	11.475	763.	46.	4.	765.4	25.6	1
356	0	328	37.2090	89.9797	-493.0	OJC	3.02	1.19	0.38	0.395	3.183	8.056	772.	41.	6.	765.4	25.5	1
357	0	352	37.2096	89.9797	-491.2	OJC	4.00	1.70	0.53	0.426	3.204	7.515	921.	41.	8.	765.4	25.5	1
358	0	364	37.2102	89.9797	-490.7	OJC	3.42	1.77	0.53	0.518	3.342	6.449	949.	41.	6.	765.4	25.5	1
359	10	372	37.2107	89.9797	-489.2	OJC	5.36	0.70	0.60	0.0	0.0	8.865	963.	38.	6.	766.4	25.4	1
360	0	328	37.2113	89.9797	-488.7	OJC	3.86	2.38	0.49	0.615	4.825	7.839	897.	45.	3.	765.9	25.4	1
361	0	288	37.2119	89.9796	-486.7	OJC	4.09	2.12	0.51	0.519	4.168	8.035	996.	54.	7.	764.9	25.4	1
362	0	292	37.2124	89.9796	-486.5	OJC	4.05	2.98	0.68	0.736	4.372	5.943	1231.	32.	3.	765.4	25.4	1
363	0	316	37.2130	89.9797	-488.2	OJC	5.85	2.31	0.94	0.395	2.462	6.232	1372.	42.	6.	766.4	25.4	1
364	0	324	37.2135	89.9797	-487.2	OJC	7.74	4.53	0.70	0.586	6.504	11.101	1489.	44.	0.	765.9	25.5	1
365	0	336	37.2141	89.9796	-486.7	OJC	7.53	4.74	0.62	0.630	7.599	12.070	1460.	31.	3.	764.9	25.5	1
366	0	336	37.2147	89.9796	-486.7	OJC	7.45	3.15	0.91	0.423	3.440	8.142	1446.	44.	0.	765.4	25.6	1
367	0	324	37.2153	89.9796	-486.0	OJC	9.43	2.11	0.94	0.224	2.257	10.089	1456.	36.	0.	765.4	25.6	1
368	0	320	37.2158	89.9796	-486.2	OJC	5.93	3.89	0.86	0.657	4.534	6.906	1416.	45.	0.	765.4	25.6	1
369	0	320	37.2164	89.9796	-488.2	OJC	5.68	1.93	0.78	0.339	2.455	7.238	1256.	44.	2.	765.4	25.6	1
370	0	308	37.2169	89.9796	-489.0	OJC	6.70	1.82	0.67	0.271	2.706	9.970	1217.	27.	2.	765.4	25.6	1
371	0	304	37.2175	89.9796	-487.2	OJC	4.71	2.16	0.62	0.459	3.489	7.605	1113.	46.	2.	764.9	25.6	1

CP 9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
372	0	284	37.2181	89.9796	-487.5	OJC	4.59	1.31	0.78	0.286	1.677	5.875	1193.	38.	4.	764.9	25.6	1
373	10	292	37.2187	89.9796	-487.0	OJC	7.50	0.64	0.65	0.0	0.0	11.511	1216.	45.	6.	765.4	25.6	1
374	0	300	37.2192	89.9795	-485.5	OJC	7.63	2.01	0.55	0.264	3.622	13.741	1282.	38.	6.	765.9	25.4	1
375	0	288	37.2197	89.9795	-485.7	OJC	6.49	3.25	0.95	0.501	3.435	6.858	1491.	46.	6.	766.4	25.4	1
376	10	280	37.2203	89.9795	-487.7	OJC	7.62	1.13	0.88	0.0	0.0	8.622	1548.	35.	12.	766.4	25.4	1
377	0	284	37.2209	89.9796	-490.0	OJC	8.25	1.43	0.94	0.173	1.516	8.754	1621.	37.	11.	766.4	25.4	1
378	0	292	37.2215	89.9795	-489.7	OJC	8.13	2.83	0.96	0.348	2.945	8.456	1630.	33.	10.	766.4	25.4	1
379	0	284	37.2220	89.9795	-489.2	OJC	7.81	2.26	0.98	0.289	2.292	7.931	1577.	45.	8.	766.9	25.3	1
380	0	288	37.2226	89.9795	-492.7	OJC	7.58	2.00	0.98	0.264	2.035	7.710	1590.	28.	6.	765.9	25.4	1
381	0	296	37.2231	89.9795	-496.0	OJC	8.42	3.07	0.71	0.365	4.355	11.927	1513.	40.	7.	765.4	25.3	1
382	0	312	37.2237	89.9795	-496.7	OJC	6.75	2.09	1.04	0.310	2.023	6.518	1405.	41.	5.	766.4	25.4	1
383	0	312	37.2243	89.9795	-497.7	OJC	6.67	3.31	0.76	0.496	4.366	8.810	1430.	43.	3.	766.4	25.6	1
384	0	308	37.2249	89.9795	-497.7	OJC	7.13	1.88	0.97	0.263	1.947	7.390	1480.	47.	7.	765.9	25.6	1
385	0	316	37.2254	89.9795	-496.5	OJC	5.48	1.85	0.70	0.338	2.631	7.777	1391.	44.	8.	766.4	25.7	1
386	0	328	37.2260	89.9794	-498.7	OJC	6.75	3.08	0.63	0.456	4.854	10.644	1348.	57.	3.	766.4	25.8	1
387	0	304	37.2265	89.9794	-500.0	OJC	6.20	3.14	0.78	0.507	4.052	7.995	1345.	49.	2.	765.9	25.7	1
388	0	304	37.2271	89.9794	-500.7	OJC	5.27	2.91	0.79	0.551	3.658	6.640	1403.	49.	7.	765.9	25.6	1
389	0	332	37.2277	89.9794	-503.7	OJC	7.99	2.68	0.86	0.336	3.137	9.344	1587.	43.	5.	764.9	25.6	1
390	0	328	37.2282	89.9794	-504.2	OJC	9.39	3.28	1.08	0.349	3.027	8.665	1625.	30.	2.	764.3	25.5	1
391	0	328	37.2288	89.9794	-503.0	OJC	10.15	3.73	1.03	0.368	3.639	9.899	1720.	38.	3.	764.3	25.6	1
392	0	340	37.2294	89.9794	-504.7	OJC	9.79	2.14	1.23	0.219	1.741	7.961	1698.	39.	8.	764.9	25.5	1
393	0	344	37.2299	89.9794	-508.0	OJC	7.71	1.59	1.01	0.206	1.574	7.658	1493.	56.	9.	764.3	25.4	1
394	0	340	37.2305	89.9794	-507.7	OJC	8.81	1.52	0.77	0.172	1.961	11.399	1443.	28.	10.	764.3	25.4	1
395	0	344	37.2310	89.9793	-507.5	OJC	6.85	1.74	0.85	0.254	2.048	8.073	1364.	44.	10.	764.9	25.4	1
396	0	344	37.2316	89.9794	-509.5	OJC	7.10	3.47	0.76	0.488	4.580	9.375	1592.	45.	8.	764.3	25.4	1
397	0	348	37.2322	89.9794	-513.5	OJC	6.51	1.99	0.89	0.306	2.239	7.323	1465.	40.	12.	764.3	25.3	1
398	0	360	37.2327	89.9794	-518.0	OJC	8.19	1.59	0.97	0.194	1.639	8.455	1518.	21.	11.	763.8	25.3	1
399	0	364	37.2333	89.9793	-519.2	OJC	8.30	2.11	1.03	0.255	2.046	8.035	1518.	36.	6.	763.8	25.3	1
400	0	368	37.2339	89.9793	-521.0	OJC	6.32	2.17	1.16	0.343	1.868	5.446	1513.	47.	7.	764.3	25.4	1
401	0	380	37.2344	89.9793	-524.0	OJC	8.78	3.16	0.87	0.360	3.623	10.068	1443.	42.	3.	763.8	25.4	1
402	0	392	37.2350	89.9793	-525.5	OJC	6.35	2.83	1.09	0.446	2.584	5.796	1474.	48.	2.	763.8	25.4	1
403	0	396	37.2356	89.9793	-527.7	OJC	8.34	3.05	0.95	0.365	3.209	8.784	1542.	44.	0.	763.3	25.4	1
404	0	400	37.2361	89.9792	-530.0	OJC	9.08	2.15	1.09	0.237	1.972	8.319	1479.	32.	0.	762.3	25.4	1
405	0	388	37.2367	89.9792	-534.0	OJC	6.02	1.42	0.87	0.235	1.621	6.882	1239.	36.	0.	762.3	25.4	1
406	10	396	37.2372	89.9792	-536.5	OJC	6.50	0.73	0.81	0.0	0.0	8.073	1191.	40.	0.	762.8	25.4	1
407	0	420	37.2378	89.9792	-540.0	OJC	5.27	3.10	0.68	0.587	4.547	7.743	1219.	39.	0.	762.3	25.4	1
408	0	440	37.2384	89.9792	-542.0	OJC	6.49	1.56	0.70	0.241	2.215	9.208	1258.	45.	8.	761.8	25.4	1
409	0	460	37.2389	89.9792	-546.7	OJC	4.82	2.01	0.95	0.418	2.125	5.084	1211.	36.	7.	761.8	25.4	1
410	0	484	37.2395	89.9792	-549.2	OJC	4.96	2.64	0.65	0.531	4.024	7.572	1197.	43.	7.	761.8	25.3	1
411	10	468	37.2401	89.9792	-550.5	OJC	5.96	1.43	0.85	0.0	0.0	7.020	1246.	46.	7.	761.8	25.3	1
412	0	484	37.2406	89.9791	-554.0	OJC	5.06	2.39	0.67	0.473	3.563	7.534	1264.	38.	12.	761.8	25.2	1
413	0	460	37.2412	89.9792	-556.5	OJC	6.22	3.31	0.56	0.532	5.918	11.123	1279.	34.	9.	762.3	25.2	1
414	0	468	37.2418	89.9792	-560.5	OJC	4.68	3.18	0.95	0.680	3.362	4.943	1340.	45.	8.	762.8	25.2	1
415	10	464	37.2423	89.9792	-564.0	OJC	7.77	1.14	0.88	0.0	0.0	8.863	1386.	36.	7.	762.3	25.1	1
416	0	448	37.2429	89.9791	-566.7	OJC	6.11	2.38	0.99	0.390	2.396	6.143	1447.	30.	5.	761.8	25.2	1
417	10	436	37.2435	89.9791	-570.0	OJC	7.49	1.40	1.18	0.0	0.0	6.365	1511.	42.	6.	761.8	25.2	1
418	10	420	37.2440	89.9791	-572.2	OJC	8.01	0.98	0.95	0.0	0.0	8.410	1521.	35.	6.	761.8	25.2	1
419	0	412	37.2446	89.9791	-577.0	OJC	8.37	3.75	0.77	0.448	4.883	10.912	1495.	46.	1.	762.3	25.3	1
420	0	412	37.2451	89.9791	-580.2	OJC	7.50	2.19	0.90	0.292	2.432	8.316	1358.	42.	6.	762.8	25.2	1
421	0	420	37.2457	89.9791	-584.0	OJC	7.40	1.67	1.05	0.226	1.591	7.043	1504.	29.	8.	762.8	25.2	1
422	0	416	37.2463	89.9791	-586.7	OJC	5.55	2.51	0.99	0.452	2.545	5.627	1377.	25.	6.	762.3	25.2	1
423	0	404	37.2469	89.9791	-588.5	OJC	4.07	3.41	0.71	0.837	4.814	5.754	1228.	38.	10.	762.3	25.2	1
424	0	412	37.2474	89.9791	-591.0	OJC	6.63	2.09	0.65	0.315	3.235	10.255	1323.	36.	11.	762.3	25.2	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
425	10	424	37.2480	89.9790	-595.0	OJC	6.95	0.42	0.97	0.0	0.0	7.127	1335.	38.	10.	762.8	25.2	1
426	10	452	37.2485	89.9790	-596.5	OJC	6.65	0.22	0.92	0.0	0.0	7.205	1337.	34.	13.	762.8	25.2	1
427	10	480	37.2491	89.9791	-598.7	OJC	6.58	1.34	0.85	0.0	0.0	7.745	1421.	47.	11.	762.3	25.2	1
428	10	488	37.2497	89.9791	-602.0	OJC	7.98	1.45	1.05	0.0	0.0	7.610	1587.	45.	10.	762.8	25.2	1
429	0	480	37.2502	89.9790	-601.7	OJC	7.77	2.13	1.24	0.274	1.721	6.279	1599.	41.	8.	763.3	25.2	1
430	0	472	37.2508	89.9790	-603.7	OJC	7.71	3.28	1.28	0.425	2.569	6.045	1625.	29.	5.	762.3	25.2	1
431	0	468	37.2513	89.9790	-605.2	OJC	8.53	2.69	0.94	0.315	2.858	9.078	1474.	45.	6.	762.3	25.2	1
432	0	464	37.2519	89.9790	-605.2	OJC	6.50	3.38	0.74	0.521	4.569	8.772	1473.	31.	6.	762.8	25.3	1
433	0	436	37.2525	89.9790	-605.5	OJC	6.52	2.23	0.82	0.342	2.731	7.989	1417.	33.	5.	762.8	25.3	1
434	0	440	37.2531	89.9790	-607.7	OJC	5.47	2.56	0.76	0.469	3.376	7.203	1442.	41.	10.	762.8	25.2	1
435	10	476	37.2536	89.9790	-608.2	OJC	7.35	1.29	0.86	0.0	0.0	8.546	1473.	34.	9.	762.3	25.2	1
436	10	472	37.2542	89.9790	-607.2	OJC	10.72	0.96	0.86	0.0	0.0	12.449	1488.	43.	10.	762.3	25.2	1
437	0	464	37.2547	89.9790	-607.2	OJC	8.32	2.29	1.01	0.275	2.256	8.197	1575.	37.	10.	762.8	25.2	1
438	0	448	37.2553	89.9789	-608.2	OJC	6.49	2.41	1.06	0.371	2.271	6.118	1588.	48.	8.	762.8	25.2	1
439	0	436	37.2559	89.9789	-609.0	OJC	6.33	1.95	1.26	0.308	1.549	5.033	1538.	44.	6.	763.3	25.1	1
440	0	428	37.2564	89.9789	-608.2	OJC	7.30	3.90	0.99	0.534	3.953	7.401	1617.	40.	5.	762.8	25.2	1
441	0	416	37.2570	89.9790	-608.5	OJC	8.77	2.17	1.13	0.247	1.915	7.757	1609.	44.	0.	763.3	25.3	1
442	0	408	37.2576	89.9789	-607.0	OJC	8.65	4.10	0.94	0.473	4.365	9.220	1629.	35.	0.	763.3	25.3	1
443	0	396	37.2581	89.9789	-606.7	OJC	9.98	3.72	0.93	0.373	3.982	10.675	1651.	27.	0.	762.3	25.2	1
444	0	392	37.2587	89.9789	-604.2	OJC	6.71	2.69	1.34	0.401	2.006	5.005	1635.	46.	0.	762.8	25.2	1
445	0	392	37.2592	89.9789	-604.0	OJC	7.90	2.74	1.13	0.347	2.425	6.990	1546.	41.	0.	762.3	25.2	1
446	0	396	37.2598	89.9789	-604.0	OJC	9.32	2.87	0.90	0.307	3.185	10.361	1593.	46.	0.	762.3	25.2	1
447	0	404	37.2604	89.9789	-602.7	OJC	6.78	2.77	0.87	0.409	3.184	7.782	1415.	34.	1.	763.8	25.2	1
448	10	396	37.2610	89.9789	-601.2	OJC	8.16	1.17	0.93	0.0	0.0	8.764	1424.	39.	0.	763.3	25.3	1
449	10	384	37.2616	89.9789	-598.2	OJC	6.25	0.89	0.86	0.0	0.0	7.295	1361.	50.	6.	762.8	25.3	1
450	0	428	37.2621	89.9789	-596.7	OJC	6.01	3.98	0.90	0.663	4.407	6.648	1551.	44.	3.	763.8	25.2	1
451	10	420	37.2626	89.9788	-594.2	OJC	8.77	0.94	0.89	0.0	0.0	9.833	1512.	39.	8.	763.3	25.2	1
452	0	384	37.2632	89.9788	-591.5	OJC	6.41	3.01	1.02	0.470	2.941	6.260	1572.	38.	6.	762.3	25.2	1
453	0	344	37.2638	89.9788	-589.5	OJC	5.42	3.68	0.63	0.680	5.858	8.619	1480.	40.	8.	762.8	25.2	1
454	10	336	37.2644	89.9788	-587.7	OJC	8.14	1.18	0.96	0.0	0.0	8.507	1482.	36.	8.	763.3	25.3	1
455	0	328	37.2649	89.9787	-586.0	OJC	6.27	3.25	0.74	0.519	4.397	8.477	1444.	37.	6.	763.3	25.3	1
456	0	348	37.2655	89.9787	-582.5	OJC	7.44	3.21	0.88	0.431	3.653	8.468	1526.	39.	6.	762.8	25.3	1
457	10	368	37.2660	89.9788	-580.2	OJC	9.77	0.85	1.15	0.0	0.0	8.461	1648.	26.	5.	763.3	25.2	1
458	0	380	37.2666	89.9788	-579.2	OJC	9.13	1.79	1.10	0.197	1.626	8.273	1654.	45.	8.	762.8	25.2	1
459	0	388	37.2672	89.9787	-576.5	OJC	9.45	1.97	1.27	0.208	1.550	7.448	1583.	34.	9.	762.3	25.2	1
460	0	388	37.2677	89.9787	-573.7	OJC	9.34	3.99	0.93	0.427	4.292	10.050	1708.	29.	9.	763.3	25.3	1
461	0	388	37.2683	89.9787	-571.7	OJC	9.76	2.44	1.11	0.250	2.206	8.824	1683.	42.	7.	762.3	25.4	1
462	0	380	37.2688	89.9787	-570.7	OJC	7.51	1.66	1.08	0.221	1.530	6.925	1587.	41.	6.	761.2	25.4	1
463	0	372	37.2694	89.9787	-567.0	OJC	8.06	2.73	1.23	0.338	2.210	6.531	1605.	38.	6.	762.3	25.5	1
464	0	376	37.2700	89.9787	-564.7	OJC	8.40	1.48	1.16	0.176	1.282	7.266	1582.	38.	6.	763.8	25.4	1
465	0	384	37.2706	89.9787	-563.2	OJC	8.41	3.40	0.79	0.405	4.318	10.662	1533.	41.	4.	762.8	25.3	1
466	0	380	37.2711	89.9787	-561.0	OJC	7.47	1.99	1.01	0.266	1.960	7.361	1460.	45.	4.	761.8	25.3	1
467	10	352	37.2717	89.9787	-558.5	OJC	5.47	0.69	0.85	0.0	0.0	6.477	1204.	40.	6.	762.3	25.4	1
468	0	364	37.2722	89.9786	-557.7	OJC	5.10	3.06	0.57	0.599	5.316	8.871	1240.	33.	4.	761.8	25.3	1
469	0	364	37.2728	89.9786	-554.5	OJC	3.91	2.17	0.58	0.555	3.739	6.738	1182.	26.	10.	761.8	25.2	1
470	0	356	37.2734	89.9786	-551.5	OJC	5.65	1.47	0.59	0.261	2.508	9.606	1014.	42.	10.	762.3	25.2	1
471	0	364	37.2739	89.9786	-551.5	OJC	3.24	1.33	0.39	0.411	3.430	8.348	913.	33.	12.	762.3	25.2	1
472	10	372	37.2745	89.9786	-548.0	OJC	3.50	0.28	0.64	0.0	0.0	5.462	924.	40.	12.	762.8	25.1	1
473	10	392	37.2751	89.9786	-545.7	OJC	6.07	0.14	0.45	0.0	0.0	13.515	888.	38.	9.	762.3	25.1	1
474	10	436	37.2756	89.9786	-545.5	OJC	3.26	0.94	0.68	0.0	0.0	4.767	948.	38.	11.	761.2	25.1	1
475	0	472	37.2762	89.9786	-542.5	OJC	5.08	2.61	0.52	0.514	4.995	9.723	1124.	42.	8.	762.3	25.1	1
476	0	476	37.2767	89.9786	-539.7	OJC	4.65	2.04	0.85	0.439	2.394	5.455	1062.	34.	8.	761.8	25.1	1
477	10	468	37.2773	89.9786	-539.5	OJC	6.32	1.36	0.60	0.0	0.0	10.464	1070.	27.	7.	762.3	25.1	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
478	0	480	37.2779	89.9786	-537.2		OJC	5.36	1.85	0.57	0.345	3.238	9.386	1092.	52.	5.	763.3	25.1	1
479	0	488	37.2785	89.9786	-535.7		OJC	4.48	2.20	0.53	0.490	4.157	8.478	1105.	31.	4.	762.3	25.1	1
480	0	492	37.2791	89.9786	-532.2		OJC	4.39	1.86	0.65	0.424	2.854	6.733	1126.	33.	6.	761.8	25.1	1
481	0	480	37.2795	89.9785	-531.5		OJC	2.96	2.29	0.99	0.773	2.302	2.977	1121.	39.	6.	762.3	25.1	1
482	10	492	37.2801	89.9785	-530.2		OJC	4.77	-0.25	0.83	0.0	0.0	5.775	1033.	45.	9.	761.8	25.1	1
483	10	520	37.2807	89.9785	-528.0		OJC	6.41	0.51	0.76	0.0	0.0	8.472	1184.	44.	9.	762.8	25.1	1
484	10	548	37.2813	89.9785	-525.7		OJC	5.72	0.92	0.85	0.0	0.0	6.685	1230.	50.	9.	761.8	25.2	1
485	0	548	37.2818	89.9785	-524.2		OJC	4.38	2.58	0.64	0.589	4.054	6.887	1299.	45.	10.	761.8	25.2	1
486	10	544	37.2824	89.9785	-522.2		OJC	7.53	0.26	0.71	0.0	0.0	10.657	1299.	45.	11.	763.3	25.2	1
487	0	568	37.2829	89.9785	-521.0		OJC	3.17	3.78	0.74	1.193	5.143	4.310	1387.	43.	9.	762.8	25.2	1
488	10	568	37.2835	89.9785	-519.0		OJC	6.04	0.91	0.76	0.0	0.0	7.953	1393.	57.	8.	762.8	25.2	1
489	0	572	37.2841	89.9784	-517.2		OJC	6.53	3.04	0.82	0.465	3.696	7.951	1446.	39.	2.	762.8	25.2	1
490	0	560	37.2847	89.9785	-515.2		OJC	7.73	2.37	1.13	0.307	2.098	6.835	1485.	36.	3.	761.2	25.3	1
491	0	604	37.2852	89.9785	-512.5		OMK-2	7.14	3.65	1.48	0.511	2.475	4.841	1666.	41.	0.	761.8	25.2	1
492	0	600	37.2858	89.9785	-510.7		OMK-2	6.16	2.59	1.23	0.420	2.110	5.029	1610.	39.	4.	762.3	25.2	1
493	0	584	37.2863	89.9785	-507.2		OMK-2	6.30	4.33	1.29	0.688	3.357	4.879	1631.	41.	2.	761.8	25.2	1
494	0	576	37.2869	89.9784	-505.2		OMK-2	8.78	2.44	1.16	0.278	2.104	7.566	1603.	47.	4.	761.8	25.2	1
495	10	564	37.2875	89.9784	-503.7		OMK-2	8.70	1.53	1.23	0.0	0.0	7.065	1538.	38.	5.	762.8	25.2	1
496	0	568	37.2882	89.9784	-502.0		OMK-2	5.52	4.06	0.79	0.736	5.139	6.985	1498.	47.	8.	762.8	25.2	1
497	10	580	37.2887	89.9784	-502.0		OMK-2	7.40	1.90	1.23	0.0	0.0	6.037	1605.	38.	11.	762.3	25.1	1
498	10	588	37.2893	89.9784	-499.2		OMK-2	6.23	0.42	1.43	0.0	0.0	4.350	1530.	28.	12.	762.8	25.2	1
499	0	604	37.2899	89.9784	-497.7		OMK-2	5.16	2.99	1.05	0.580	2.861	4.930	1576.	43.	10.	762.3	25.1	1
500	10	616	37.2905	89.9784	-497.5		OMK-2	8.31	1.25	1.39	0.0	0.0	5.984	1634.	41.	12.	762.3	25.1	1
501	10	624	37.2911	89.9784	-494.5		OMK-2	5.99	1.69	1.49	0.0	0.0	4.015	1479.	39.	10.	762.3	25.1	1
502	10	636	37.2917	89.9783	-490.5		OMK-2	9.44	1.10	0.87	0.0	0.0	10.911	1442.	38.	12.	762.8	25.1	1
503	10	640	37.2923	89.9783	-490.5		OMK-2	5.04	0.86	0.80	0.0	0.0	6.334	1388.	39.	8.	762.3	25.1	1
504	10	640	37.2928	89.9784	-488.2		OMK-2	7.00	-0.23	1.16	0.0	0.0	6.031	1230.	44.	8.	762.8	25.1	1
505	0	640	37.2935	89.9784	-485.5		OMK-2	2.96	2.60	0.59	0.880	4.423	5.024	1163.	40.	8.	762.8	25.1	1
506	0	628	37.2941	89.9783	-484.2		OMK-1	5.19	2.95	0.86	0.568	3.420	6.025	1262.	43.	2.	761.8	25.2	1
507	0	608	37.2946	89.9783	-480.7		OJC	6.12	3.28	0.75	0.535	4.358	8.147	1219.	39.	5.	762.3	25.1	1
508	10	588	37.2953	89.9783	-476.2		OJC	5.88	1.55	0.84	0.0	0.0	6.973	1279.	41.	5.	762.8	25.2	1
509	0	576	37.2958	89.9783	-476.7		OJC	5.14	1.98	0.64	0.386	3.112	8.061	1229.	38.	6.	761.8	25.1	1
510	10	580	37.2964	89.9783	-474.7		OJC	6.33	0.79	0.70	0.0	0.0	8.980	1083.	43.	9.	761.8	25.1	1
511	0	600	37.2970	89.9782	-472.7		OJC	5.04	1.93	0.70	0.383	2.766	7.222	1037.	45.	3.	761.8	25.3	1
512	0	632	37.2976	89.9782	-472.0		OMK-1	5.74	3.23	0.66	0.563	4.876	8.663	1090.	48.	3.	761.8	25.4	1
513	0	660	37.2982	89.9782	-469.5		OMK-1	4.16	3.04	0.81	0.731	3.754	5.138	1151.	44.	2.	761.8	25.5	1
514	10	672	37.2988	89.9782	-468.5		OMK-1	3.36	1.61	0.69	0.0	0.0	4.896	1061.	40.	1.	761.2	25.6	1
515	0	680	37.2994	89.9782	-468.2		OMK-1	2.40	3.83	0.61	1.593	6.280	3.943	1075.	35.	0.	760.7	25.6	1
516	0	684	37.3000	89.9782	-470.0		OMK-1	4.54	2.37	1.04	0.521	2.274	4.363	1058.	47.	0.	760.7	25.7	1
517	0	692	37.3006	89.9782	-470.7		OMK-1	3.11	4.52	0.53	1.453	8.476	5.834	1059.	38.	0.	760.7	25.6	1
518	0	692	37.3012	89.9782	-470.0		OMK-1	5.42	2.75	0.50	0.508	5.454	10.740	1059.	48.	0.	760.2	25.6	1
519	0	692	37.3017	89.9781	-467.2		OMK-1	6.88	2.84	0.80	0.413	3.552	8.595	1119.	36.	0.	760.7	25.5	1
520	110	688	37.3024	89.9782	-464.7		OMK-1	[illegible]	1.48	0.70	0.0	0.0	0.0	1093.	49.	7.	761.2	25.4	1
521	0	680	37.3030	89.9782	-461.5		OMK-1	4.[illegible]	3.42	0.62	0.693	5.501	7.934	1039.	37.	2.	761.8	25.4	1
522	10	672	37.3035	89.9782	-459.0		OMK-1	3.86	1.53	0.72	0.0	0.0	5.386	1051.	40.	10.	761.8	25.4	1
523	0	672	37.3042	89.9782	-456.5		OMK-1	5.10	2.64	0.34	0.517	7.690	14.874	1090.	36.	8.	760.7	25.3	1
524	10	668	37.3047	89.9781	-452.7		OMK-1	1.88	2.04	0.62	0.0	0.0	3.047	983.	36.	9.	760.7	25.4	1
525	10	668	37.3053	89.9781	-450.7		OMK-1	4.43	1.49	0.88	0.0	0.0	5.012	1011.	42.	7.	760.2	25.4	1
526	10	668	37.3059	89.9781	-451.2		OMK-1	3.49	1.94	0.64	0.0	0.0	5.441	1071.	38.	10.	760.7	25.5	1
527	0	672	37.3065	89.9781	-451.7		OMK-1	4.48	2.80	0.63	0.626	4.446	7.099	1029.	42.	6.	761.8	25.5	1
528	0	676	37.3071	89.9781	-450.0		OMK-1	6.17	2.33	0.75	0.378	3.108	8.211	1207.	34.	7.	760.7	25.5	1
529	10	648	37.3077	89.9781	-446.7		OMK-1	4.81	-0.62	1.15	0.0	0.0	4.184	1103.	45.	8.	760.7	25.5	1
530	0	604	37.3083	89.9781	-444.2		OMK-1	5.97	4.41	0.60	0.738	7.343	9.950	1125.	33.	1.	761.2	25.5	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
531	0	592	37.3089	89.9781	-442.2	OMK-1	4.76	3.65	0.51	0.767	7.134	9.298	1160.	39.	2.	760.7	25.4	1
532	0	584	37.3095	89.9780	-439.5	OMK-1	3.91	2.53	0.85	0.648	2.994	4.623	1199.	29.	0.	761.8	25.5	1
533	10	608	37.3101	89.9781	-436.0	OJC	5.45	0.40	0.82	0.0	0.0	6.641	1258.	31.	9.	761.2	25.5	1
534	0	636	37.3107	89.9781	-435.0	OJC	5.49	2.77	0.91	0.505	3.033	6.009	1381.	41.	7.	760.7	25.5	1
535	0	620	37.3113	89.9781	-431.5	OJC	6.99	4.73	0.61	0.676	7.722	11.420	1490.	40.	6.	761.8	25.5	1
536	10	600	37.3118	89.9780	-427.7	OJC	5.96	0.37	0.84	0.0	0.0	7.094	1333.	47.	11.	761.8	25.5	1
537	0	552	37.3125	89.9780	-423.7	OJC	5.21	3.44	0.48	0.661	7.250	10.969	1222.	41.	12.	761.2	25.4	1
538	10	520	37.3130	89.9780	-420.2	OJC	3.07	0.73	0.78	0.0	0.0	3.957	1255.	36.	14.	761.8	25.4	1
539	10	516	37.3136	89.9780	-416.7	OJC	6.07	1.30	0.73	0.0	0.0	8.339	1207.	35.	14.	761.2	25.4	1
540	10	532	37.3142	89.9780	-412.5	OJC	5.25	1.60	0.90	0.0	0.0	5.815	1256.	45.	13.	761.2	25.4	1
541	10	532	37.3148	89.9780	-411.0	OJC	6.02	1.74	0.62	0.0	0.0	9.651	1289.	38.	11.	761.8	25.3	1
542	0	520	37.3154	89.9780	-406.2	OJC	3.17	1.75	0.92	0.553	1.905	3.448	1198.	47.	6.	761.2	25.3	1
543	0	488	37.3160	89.9780	-403.0	OJC	3.68	3.73	0.55	1.012	6.817	6.737	1019.	32.	5.	760.7	25.3	1
544	10	432	37.3166	89.9780	-401.2	OJC	3.70	1.26	0.46	0.0	0.0	7.962	923.	43.	8.	761.8	25.3	1
545	0	416	37.3172	89.9779	-398.2	OJC	3.99	1.31	0.52	0.329	2.503	7.611	903.	40.	6.	762.3	25.3	1
546	0	436	37.3178	89.9779	-394.5	OJC	2.48	2.87	0.42	1.154	6.794	5.889	918.	35.	1.	761.2	25.4	1
547	0	460	37.3184	89.9780	-392.5	OJC	2.93	3.93	0.39	1.343	10.202	7.594	1022.	43.	1.	761.2	25.4	1
548	0	484	37.3189	89.9780	-391.0	OJC	4.66	2.56	0.71	0.548	3.605	6.578	1146.	36.	4.	762.3	25.4	1
549	0	516	37.3196	89.9779	-386.5	OJC	4.29	2.41	0.77	0.563	3.122	5.548	1158.	40.	7.	762.8	25.4	1
550	10	536	37.3202	89.9779	-384.5	OJC	3.70	1.22	0.81	0.0	0.0	4.560	1164.	36.	10.	761.2	25.3	1
551	10	552	37.3207	89.9779	-381.5	OJC	6.85	1.16	1.03	0.0	0.0	6.672	1304.	37.	7.	761.8	25.3	1
552	0	512	37.3214	89.9779	-379.2	OJC	4.59	1.92	0.53	0.418	3.615	8.654	1209.	34.	9.	762.8	25.4	1
553	10	480	37.3219	89.9779	-379.2	OJC	4.60	0.53	0.53	0.0	0.0	8.712	1097.	40.	12.	761.2	25.5	1
554	0	460	37.3225	89.9779	-377.0	OJC	4.17	1.55	0.53	0.371	2.918	7.864	1031.	49.	9.	761.2	25.5	1
555	10	456	37.3231	89.9779	-375.5	OJC	4.02	1.15	0.53	0.0	0.0	7.636	974.	31.	7.	762.8	25.5	1
556	0	440	37.3237	89.9779	-375.5	OJC	4.83	2.94	0.48	0.609	6.124	10.055	995.	35.	4.	762.3	25.5	1
557	0	444	37.3243	89.9779	-374.0	OJC	4.42	1.39	0.63	0.315	2.207	7.009	1060.	37.	6.	762.3	25.5	1
558	0	464	37.3249	89.9778	-373.0	OJC	3.80	2.38	0.53	0.626	4.464	7.129	974.	40.	5.	761.8	25.4	1
559	0	492	37.3255	89.9778	-373.7	OJC	4.17	1.60	0.61	0.384	2.615	6.815	1006.	41.	7.	761.2	25.4	1
560	0	500	37.3260	89.9779	-373.2	OJC	3.56	2.49	0.69	0.700	3.596	5.134	1062.	39.	5.	761.8	25.4	1
561	10	452	37.3267	89.9779	-373.0	OJC	3.26	0.76	0.51	0.0	0.0	6.413	950.	40.	3.	761.2	25.4	1
562	0	404	37.3273	89.9778	-373.7	OJC	3.64	1.54	0.46	0.424	3.353	7.913	889.	45.	5.	761.8	25.4	1
563	0	368	37.3279	89.9778	-376.2	OJC	3.81	3.37	0.38	0.883	8.788	9.949	997.	31.	2.	761.2	25.4	1
564	0	372	37.3285	89.9778	-377.2	OJC	5.36	2.33	0.51	0.435	4.555	10.475	1021.	42.	2.	760.7	25.4	1
565	0	408	37.3290	89.9778	-379.2	OJC	4.80	3.32	0.49	0.692	6.757	9.764	1162.	36.	3.	761.8	25.4	1
566	0	436	37.3296	89.9778	-384.2	OJC	5.30	3.70	0.63	0.698	5.904	8.462	1067.	43.	2.	762.3	25.4	1
567	0	428	37.3302	89.9778	-387.5	OJC	6.78	2.11	0.50	0.311	4.196	13.485	1076.	44.	5.	761.2	25.4	1
568	0	432	37.3308	89.9778	-391.5	OJC	5.07	1.48	0.56	0.291	2.618	8.992	1085.	41.	9.	761.2	25.4	1
569	0	468	37.3314	89.9778	-397.2	OJC	7.39	2.23	0.35	0.303	6.369	21.048	1111.	35.	6.	761.8	25.4	1
570	0	460	37.3320	89.9778	-402.7	OJC	4.42	2.38	0.64	0.538	3.700	6.873	1190.	30.	9.	761.2	25.5	1
571	10	420	37.3326	89.9777	-409.2	OJC	4.92	0.77	0.67	0.0	0.0	7.339	1033.	33.	7.	761.2	25.5	1
572	0	388	37.3332	89.9777	-417.2	OJC	3.02	1.75	0.61	0.580	2.861	4.934	1047.	38.	3.	761.2	25.6	1
573	10	352	37.3338	89.9777	-423.2	OJC	5.37	1.06	0.62	0.0	0.0	8.622	982.	46.	1.	761.2	25.5	1
574	0	348	37.3344	89.9778	-430.5	OJC	3.87	2.04	0.47	0.529	4.349	8.228	1005.	29.	0.	761.2	25.6	1
575	0	384	37.3350	89.9777	-438.5	OJC	4.72	2.41	0.64	0.511	3.780	7.392	1044.	31.	0.	760.7	25.5	1
576	10	412	37.3356	89.9777	-446.0	OJC	5.96	0.99	0.67	0.0	0.0	8.931	1100.	38.	0.	761.8	25.5	1
577	0	412	37.3362	89.9777	-454.2	OJC	3.63	2.66	0.78	0.732	3.407	4.657	1093.	47.	0.	762.3	25.4	1
578	0	444	37.3368	89.9777	-464.5	OJC	5.70	2.50	0.81	0.438	3.090	7.052	1169.	34.	0.	760.7	25.4	1
579	0	428	37.3374	89.9777	-473.7	OJC	4.27	4.33	0.40	1.013	10.793	10.651	1173.	42.	0.	761.8	25.3	1
580	0	392	37.3379	89.9777	-481.5	OJC	2.47	2.49	0.84	1.008	2.965	2.941	1045.	40.	0.	762.3	25.3	1
581	0	368	37.3386	89.9777	-490.5	OJC	5.44	2.09	0.46	0.384	4.586	11.929	1000.	32.	0.	761.8	25.3	1
582	0	336	37.3391	89.9777	-499.7	OJC	4.72	2.31	0.23	0.489	9.979	20.412	939.	47.	0.	762.3	25.3	1
583	0	320	37.3397	89.9777	-508.2	OJC	2.86	3.37	0.42	1.177	8.037	6.827	1006.	33.	0.	761.2	25.3	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
584	10	344	37.3403	89.9776	-519.5	OJC	4.74	0.87	0.59	0.0	0.0	7.972	960.	32.	6.	761.8	25.3	1
585	10	400	37.3409	89.9776	-528.7	OJC	6.17	0.92	0.41	0.0	0.0	15.083	1006.	31.	5.	762.8	25.3	1
586	0	444	37.3415	89.9776	-535.7	OJC	4.31	1.63	0.69	0.377	2.363	6.266	1003.	41.	9.	760.7	25.3	1
587	0	472	37.3421	89.9777	-544.5	OJC	4.23	1.64	0.72	0.388	2.289	5.892	1114.	43.	9.	761.8	25.2	1
588	10	476	37.3427	89.9776	-552.7	OJC	3.90	1.35	0.77	0.0	0.0	5.077	1055.	32.	9.	761.8	25.4	1
589	10	480	37.3433	89.9776	-559.7	OJC	4.61	0.73	0.68	0.0	0.0	6.758	1018.	48.	8.	760.2	25.4	1
590	10	496	37.3439	89.9776	-566.7	OJC	2.09	1.20	0.85	0.0	0.0	2.459	954.	43.	9.	761.8	25.5	1
591	10	496	37.3445	89.9776	-575.2	OJC	4.94	1.27	0.51	0.0	0.0	9.770	988.	30.	11.	760.7	25.5	1
592	10	488	37.3450	89.9776	-580.2	OJC	4.69	0.81	0.78	0.0	0.0	6.021	951.	33.	7.	760.2	25.5	1
593	10	488	37.3457	89.9776	-586.5	OJC	4.14	1.05	0.44	0.0	0.0	9.481	882.	46.	11.	762.3	25.5	1
594	0	540	37.3462	89.9776	-594.5	OJC	4.36	2.33	0.40	0.534	5.791	10.846	1031.	32.	7.	761.2	25.5	1
595	0	560	37.3468	89.9776	-598.2	OJC	3.40	2.87	0.48	0.845	5.975	7.070	1035.	42.	7.	761.8	25.5	1
596	10	552	37.3475	89.9775	-603.0	OJC	6.12	0.02	0.85	0.0	0.0	7.202	1075.	44.	9.	762.8	25.4	1
597	10	544	37.3480	89.9775	-607.7	OJC	5.16	1.14	0.76	0.0	0.0	6.807	1038.	35.	9.	760.7	25.4	1
598	0	528	37.3486	89.9775	-611.2	OJC	5.11	3.99	0.45	0.781	8.785	11.254	1092.	41.	9.	761.8	25.4	1
599	0	552	37.3492	89.9775	-616.5	OJC	4.88	2.82	0.78	0.578	3.613	6.256	1253.	35.	7.	762.3	25.3	1
600	10	576	37.3498	89.9775	-620.5	OJC	4.09	1.50	0.72	0.0	0.0	5.664	1488.	39.	13.	761.2	25.4	1
601	10	568	37.3504	89.9774	-623.7	OJC	9.48	0.83	1.27	0.0	0.0	7.445	1569.	30.	6.	762.3	25.4	1
602	0	556	37.3510	89.9774	-626.5	OJC	6.72	4.76	0.68	0.709	7.041	9.936	1492.	47.	10.	761.8	25.4	1
603	10	540	37.3516	89.9775	-630.2	OJC	9.74	0.42	0.92	0.0	0.0	10.636	1555.	33.	13.	761.2	25.4	1
604	10	524	37.3522	89.9775	-633.0	OJC	6.65	1.41	0.99	0.0	0.0	6.737	1510.	45.	10.	763.3	25.4	1
605	0	504	37.3528	89.9774	-636.7	OJC	5.72	2.05	1.16	0.359	1.763	4.916	1481.	34.	13.	762.3	25.3	1
606	0	472	37.3533	89.9774	-641.5	OJC	3.84	2.69	0.87	0.701	3.083	4.399	1261.	44.	11.	761.8	25.4	1
607	0	452	37.3539	89.9774	-644.5	OJC	2.83	1.92	0.73	0.677	2.637	3.894	1155.	41.	14.	762.8	25.3	1
608	0	428	37.3546	89.9774	-648.0	OJC	3.95	2.42	0.76	0.612	3.188	5.210	1154.	31.	9.	760.7	25.4	1
609	0	436	37.3551	89.9774	-652.0	OJC	3.64	2.03	0.54	0.558	3.737	6.701	1165.	42.	11.	761.8	25.4	1
610	10	452	37.3557	89.9774	-653.0	OJC	3.92	1.05	0.95	0.0	0.0	4.125	1204.	45.	15.	762.8	25.4	1
611	10	468	37.3564	89.9774	-654.2	OJC	4.59	0.54	0.87	0.0	0.0	5.295	1185.	42.	16.	760.7	25.4	1
612	0	516	37.3569	89.9774	-657.0	OJC	5.58	2.33	0.68	0.418	3.457	8.268	1393.	30.	16.	762.8	25.4	1
613	10	512	37.3575	89.9774	-659.5	OJC	5.93	0.97	0.69	0.0	0.0	8.629	1337.	47.	18.	762.8	25.3	1
614	10	504	37.3581	89.9773	-662.5	OJC	4.85	0.62	1.16	0.0	0.0	4.183	1408.	37.	16.	760.7	25.4	1
615	10	508	37.3587	89.9773	-663.7	OJC	4.66	-0.37	1.16	0.0	0.0	4.004	1394.	36.	17.	762.8	25.3	1
616	10	504	37.3593	89.9774	-666.7	OJC	6.98	1.45	1.18	0.0	0.0	5.907	1441.	30.	14.	763.8	25.3	1
617	10	500	37.3598	89.9773	-668.2	OJC	5.71	0.07	0.95	0.0	0.0	6.020	1292.	45.	15.	761.2	25.3	1
618	0	488	37.3604	89.9773	-668.2	OJC	5.48	2.61	0.73	0.476	3.589	7.539	1212.	52.	10.	762.8	25.3	1
619	10	484	37.3610	89.9773	-670.0	OJC	6.09	1.04	0.66	0.0	0.0	9.250	1209.	28.	10.	762.8	25.3	1
620	0	484	37.3615	89.9773	-672.7	OJC	4.74	2.56	0.65	0.540	3.924	7.264	1175.	39.	5.	760.7	25.3	1
621	0	476	37.3621	89.9773	-674.0	OJC	2.77	3.60	0.60	1.299	6.044	4.654	1115.	35.	3.	761.8	25.3	1
622	0	456	37.3627	89.9773	-674.7	OJC	6.03	2.88	0.69	0.478	4.176	8.738	1119.	36.	2.	761.8	25.4	1
623	0	448	37.3633	89.9773	-676.5	OJC	4.83	3.22	0.56	0.666	5.724	8.591	1137.	35.	1.	760.7	25.4	1
624	0	400	37.3639	89.9772	-676.7	OJC	4.08	2.97	0.28	0.729	10.629	14.585	966.	38.	2.	762.8	25.4	1
625	10	360	37.3644	89.9772	-678.0	OJC	4.17	0.89	0.53	0.0	0.0	7.896	908.	34.	3.	762.8	25.4	1
626	0	356	37.3650	89.9772	-680.2	OJC	3.38	1.87	0.43	0.552	4.323	7.830	960.	41.	4.	760.7	25.4	1
627	0	348	37.3656	89.9772	-681.5	OJC	2.61	2.23	0.66	0.856	3.388	3.956	1016.	52.	3.	762.8	25.4	1
628	0	364	37.3661	89.9772	-682.0	OJC	3.92	2.63	0.65	0.670	4.043	6.033	1065.	40.	6.	762.8	25.5	1
629	0	392	37.3667	89.9772	-684.2	OJC	4.26	1.56	0.65	0.365	2.393	6.558	1115.	36.	9.	760.7	25.6	1
630	0	424	37.3673	89.9772	-686.7	OJC	5.64	3.19	0.71	0.566	4.508	7.961	1349.	34.	9.	761.8	25.6	1
631	10	440	37.3679	89.9772	-688.0	OJC	6.31	1.09	0.72	0.0	0.0	8.783	1332.	33.	11.	761.8	25.6	1
632	0	444	37.3684	89.9771	-690.7	OJC	4.40	2.97	0.67	0.675	4.410	6.531	1279.	38.	8.	760.7	25.6	1
633	0	492	37.3690	89.9771	-692.0	OJC	4.19	2.46	0.65	0.587	3.756	6.403	1282.	36.	12.	762.8	25.7	1
634	0	484	37.3696	89.9771	-692.5	OJC	4.44	3.40	0.57	0.766	5.960	7.784	1163.	32.	13.	761.8	25.8	1
635	0	448	37.3702	89.9771	-695.2	OJC	3.75	2.75	0.42	0.734	6.514	8.872	1141.	34.	12.	759.7	25.7	1
636	0	420	37.3707	89.9771	-696.2	OJC	4.23	2.52	0.28	0.596	9.075	15.218	1113.	36.	14.	761.2	25.6	1

FLIGHT LINE 101 DAY 177 REDUCED DATA TEX-KENT 1979 PADUCAH PAGE NO 654

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
637	10	428	37.3713	89.9771	-698.0		OJC	4.72	1.33	0.45	0.0	0.0	10.555	1049.	41.	13.	761.2	25.5	1
638	0	488	37.3719	89.9771	-700.0		OJC	4.72	2.48	0.76	0.525	3.280	6.245	1244.	46.	12.	759.2	25.5	1
639	0	500	37.3725	89.9771	-700.7		OJC	5.94	2.07	0.57	0.349	3.667	10.509	1326.	29.	15.	761.2	25.3	1
640	0	480	37.3730	89.9771	-700.7		OJC	5.59	3.37	0.63	0.602	5.347	8.880	1414.	42.	9.	762.3	25.4	1
641	0	456	37.3736	89.9771	-699.7		OJC	3.91	2.09	0.60	0.534	3.476	6.507	1223.	38.	11.	760.2	25.4	1
642	0	436	37.3742	89.9771	-701.7		OJC	5.76	2.72	0.50	0.472	5.442	11.535	1153.	43.	7.	760.7	25.4	1
643	0	420	37.3748	89.9770	-703.0		OJC	4.55	2.66	0.60	0.584	4.419	7.563	1060.	45.	8.	761.8	25.5	1
644	10	400	37.3754	89.9770	-702.7		OJC	4.95	1.15	0.54	0.0	0.0	9.194	1017.	30.	7.	759.7	25.5	1
645	10	380	37.3760	89.9770	-702.5		OJC	5.40	1.26	0.50	0.0	0.0	10.812	966.	40.	6.	760.7	25.6	1
646	0	380	37.3765	89.9769	-701.7		OJC	6.62	2.47	0.39	0.373	6.317	16.915	1043.	31.	3.	762.8	25.6	1
647	0	404	37.3771	89.9769	-700.7		OJC	3.18	2.65	0.73	0.833	3.622	4.350	1109.	42.	7.	761.2	25.7	1
648	0	392	37.3777	89.9769	-700.7		OJC	6.95	1.48	0.62	0.214	2.407	11.270	1164.	25.	5.	761.2	25.6	1
649	0	372	37.3782	89.9769	-700.7		OJC	3.42	1.47	0.75	0.431	1.970	4.574	1181.	45.	8.	762.3	25.6	1
650	0	352	37.3788	89.9769	-699.2		OJC	3.74	1.83	0.61	0.490	3.029	6.179	1051.	41.	6.	760.7	25.6	1
651	0	344	37.3794	89.9769	-698.7		OJC	3.73	1.83	0.58	0.490	3.166	6.460	1067.	39.	7.	760.7	25.6	1
652	0	324	37.3800	89.9769	-697.7		OJC	4.42	1.45	0.65	0.328	2.237	6.809	1103.	44.	8.	762.8	25.6	1
653	0	324	37.3806	89.9769	-696.5		OJC	2.47	1.36	0.67	0.553	2.047	3.704	1076.	32.	10.	761.8	25.6	1
654	0	316	37.3811	89.9768	-696.5		OJC	3.68	1.46	0.55	0.398	2.669	6.712	1125.	33.	9.	760.7	25.6	1
655	0	304	37.3817	89.9769	-694.7		OJC	5.48	2.96	0.41	0.541	7.237	13.388	1124.	39.	5.	762.8	25.6	1
656	0	292	37.3823	89.9769	-692.2		OJC	6.34	1.74	0.71	0.274	2.433	8.884	1171.	32.	3.	762.8	25.7	1
657	0	296	37.3828	89.9768	-689.5		OJC	6.77	2.76	0.66	0.408	4.185	10.257	1240.	32.	0.	760.7	25.7	1
658	0	280	37.3834	89.9768	-688.5		OJC	5.93	2.23	0.83	0.376	2.690	7.160	1323.	47.	1.	760.7	25.6	1
659	0	264	37.3840	89.9768	-687.7		OJC	4.88	2.56	0.74	0.524	3.475	6.630	1281.	38.	0.	761.8	25.7	1
660	0	280	37.3846	89.9768	-685.7		OJC	6.57	2.23	0.70	0.340	3.201	9.415	1231.	37.	0.	760.7	25.8	1
661	0	280	37.3851	89.9768	-683.2		OJC	5.91	1.67	0.72	0.283	2.316	8.178	1091.	25.	5.	760.7	25.8	1
662	0	284	37.3857	89.9768	-683.0		OJC	5.88	1.62	0.63	0.275	2.574	9.344	1214.	25.	4.	761.8	25.8	1
663	0	260	37.3863	89.9768	-679.7		OJC	6.15	2.64	0.66	0.429	3.985	9.295	1238.	28.	6.	759.7	25.7	1
664	0	260	37.3869	89.9767	-677.5		OJC	6.82	2.50	0.63	0.366	3.976	10.871	1432.	39.	6.	760.7	25.7	1
665	0	268	37.3874	89.9767	-676.0		OJC	7.27	2.93	0.77	0.403	3.825	9.499	1300.	42.	6.	762.8	25.7	1
666	0	268	37.3880	89.9767	-673.7		OJC	4.52	1.50	0.77	0.333	1.953	5.866	1136.	55.	7.	760.7	25.7	1
667	10	272	37.3886	89.9767	-671.7		OJC	6.27	0.28	0.88	0.0	0.0	7.118	1300.	35.	7.	760.2	25.7	1
668	10	280	37.3891	89.9767	-669.0		OJC	6.69	1.13	0.97	0.0	0.0	6.912	1320.	46.	10.	763.3	25.7	1
669	0	272	37.3897	89.9767	-664.0		OJC	3.83	2.51	0.67	0.654	3.758	5.745	1263.	39.	7.	761.2	25.6	1
670	0	268	37.3903	89.9767	-659.5		OJC	4.95	1.95	0.79	0.394	2.480	6.298	1128.	33.	6.	759.7	25.7	1
671	10	300	37.3909	89.9767	-656.2		OJC	5.68	0.96	0.68	0.0	0.0	8.316	1100.	40.	10.	762.8	25.8	1
672	0	284	37.3915	89.9766	-652.2		OJC	3.90	1.20	0.47	0.307	2.555	8.315	983.	44.	12.	762.3	25.9	1
673	0	276	37.3921	89.9766	-647.2		OJC	5.48	2.31	0.47	0.421	4.913	11.670	1058.	45.	8.	760.2	25.9	1
674	0	272	37.3927	89.9767	-644.0		OJC	5.50	1.32	0.61	0.241	2.181	9.068	1029.	53.	11.	762.3	26.0	1
675	0	288	37.3932	89.9765	-637.2		OJC	3.90	1.49	0.57	0.383	2.621	6.847	1175.	28.	13.	762.3	25.9	1
676	10	268	37.3938	89.9766	-631.2		OJC	6.59	0.14	0.79	0.0	0.0	8.322	1205.	38.	13.	759.7	25.8	1
677	0	256	37.3943	89.9766	-627.7		OJC	5.72	2.32	0.82	0.406	2.825	6.967	1335.	40.	8.	760.7	25.7	1
678	0	252	37.3949	89.9766	-623.0		OJC	5.66	1.98	1.12	0.350	1.768	5.052	1438.	45.	9.	762.3	25.7	1
679	0	228	37.3955	89.9765	-618.0		OJC	5.38	1.51	1.02	0.281	1.487	5.295	1372.	38.	7.	761.2	25.6	1
680	0	196	37.3961	89.9765	-614.5		OJC	8.32	1.27	0.75	0.152	1.684	11.069	1325.	32.	7.	760.2	25.6	1
681	0	212	37.3967	89.9765	-608.0		OJC	5.73	2.76	1.07	0.481	2.575	5.349	1525.	33.	5.	761.8	25.6	1
682	0	212	37.3972	89.9765	-600.5		OJC	7.39	1.95	0.87	0.263	2.226	8.451	1530.	46.	7.	762.8	25.6	1
683	0	180	37.3978	89.9765	-597.5		OJC	6.34	3.15	0.90	0.497	3.516	7.074	1422.	29.	3.	761.2	25.5	1
684	0	188	37.3984	89.9765	-594.5		OJC	4.96	2.28	0.75	0.459	3.041	6.631	1284.	28.	7.	760.2	25.6	1
685	0	208	37.3989	89.9765	-590.0		OJC	4.67	2.62	0.81	0.561	3.230	5.755	1254.	44.	8.	762.3	25.7	1
686	0	208	37.3995	89.9764	-583.5		OJC	5.75	2.40	0.96	0.418	2.501	5.978	1436.	31.	5.	762.3	25.6	1
687	0	204	37.4001	89.9764	-580.7		OJC	6.94	1.29	0.91	0.186	1.416	7.606	1422.	43.	8.	760.2	25.6	1
688	0	196	37.4007	89.9764	-575.2		OJC	8.66	2.40	1.01	0.277	2.373	8.555	1457.	47.	4.	760.2	25.6	1
689	0	176	37.4012	89.9764	-570.5		OJC	7.04	2.30	0.92	0.327	2.497	7.641	1549.	46.	3.	761.8	25.5	1

CP9 IP12

ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
		TAGS		LOCATION				REDUCED DATA											
690	0	172	37.4018	89.9764	-567.7		OJC	7.77	3.95	0.81	0.508	4.894	9.640	1613.	43.	3.	761.8	25.4	1
691	0	188	37.4024	89.9764	-565.0		OJC	5.37	1.97	0.91	0.367	2.165	5.907	1610.	26.	3.	760.7	25.4	1
692	0	196	37.4030	89.9764	-561.2		OJC	6.78	3.38	0.91	0.498	3.722	7.469	1528.	46.	3.	759.7	25.6	1
693	0	228	37.4035	89.9764	-558.5		OJC	9.33	3.18	0.95	0.341	3.336	9.785	1710.	51.	0.	760.7	25.7	1
694	0	248	37.4041	89.9763	-554.2		OJC	7.96	4.11	0.98	0.516	4.175	8.085	1564.	32.	0.	761.8	25.6	1
695	0	248	37.4047	89.9764	-552.5		OJC	6.25	4.16	0.63	0.665	6.632	9.971	1444.	38.	0.	759.7	25.6	1
696	0	260	37.4053	89.9764	-551.2		OJC	5.10	2.62	0.83	0.514	3.174	6.177	1322.	47.	0.	758.1	25.6	1
697	0	288	37.4058	89.9763	-550.0		OJC	5.36	4.07	0.65	0.759	6.303	8.303	1366.	41.	0.	758.7	25.5	1
698	0	304	37.4064	89.9763	-548.2		OJC	5.84	2.72	0.73	0.465	3.720	8.007	1338.	56.	4.	759.7	25.5	1
699	0	312	37.4070	89.9763	-545.2		OJC	5.51	2.59	0.71	0.470	3.656	7.785	1354.	38.	3.	759.7	25.4	1
700	0	320	37.4076	89.9763	-543.0		OJC	6.71	2.65	0.55	0.395	4.820	12.204	1401.	47.	3.	759.2	25.4	1
701	0	308	37.4082	89.9763	-542.0		OJC	5.48	1.82	0.62	0.332	2.942	8.858	1259.	32.	6.	758.1	25.3	1
702	0	292	37.4088	89.9763	-540.7		OJC	6.02	1.22	0.79	0.203	1.540	7.584	1232.	44.	7.	759.2	25.4	1
703	0	304	37.4093	89.9763	-541.0		OJC	5.70	2.83	0.84	0.496	3.364	6.778	1480.	28.	9.	760.2	25.2	1
704	10	300	37.4099	89.9762	-542.0		OJC	5.93	0.68	1.00	0.0	0.0	5.922	1378.	42.	10.	759.7	25.2	1
705	0	300	37.4105	89.9762	-541.7		OJC	6.29	2.64	0.76	0.419	3.488	8.316	1319.	41.	7.	758.7	25.2	1
706	0	292	37.4110	89.9762	-540.7		OJC	5.80	2.01	0.68	0.347	2.947	8.495	1159.	45.	7.	759.7	25.2	1
707	0	316	37.4116	89.9762	-540.2		OJC	6.62	1.41	0.53	0.213	2.674	12.556	1054.	35.	8.	761.2	25.1	1
708	0	348	37.4122	89.9762	-541.5		OJC	2.82	3.14	0.55	1.116	5.665	5.075	1047.	43.	7.	760.2	25.1	1
709	0	372	37.4128	89.9762	-541.5		OJC	3.87	1.66	0.66	0.428	2.504	5.851	1124.	29.	5.	759.2	25.1	1
710	0	336	37.4134	89.9762	-541.0		OJC	2.96	1.93	0.67	0.650	2.884	4.434	1022.	36.	4.	759.7	25.1	1
711	0	312	37.4139	89.9762	-541.7		OJC	6.61	1.50	0.57	0.226	2.614	11.545	1026.	43.	0.	760.7	25.1	1
712	0	312	37.4145	89.9761	-541.2		OJC	3.72	2.96	0.46	0.796	6.382	8.018	1013.	46.	0.	759.7	25.1	1
713	0	344	37.4151	89.9762	-542.5		OJC	4.19	2.99	0.63	0.715	4.747	6.642	1132.	34.	0.	758.1	25.1	1
714	0	344	37.4156	89.9762	-542.7		OJC	3.32	3.71	0.51	1.116	7.219	6.470	1069.	40.	0.	758.7	25.1	1
715	0	320	37.4162	89.9761	-541.2		OJC	2.92	4.02	0.39	1.376	10.187	7.403	1051.	47.	0.	760.7	25.2	1
716	0	296	37.4168	89.9761	-541.5		OJC	5.15	2.31	0.74	0.449	3.124	6.961	1132.	36.	1.	760.7	25.2	1
717	0	312	37.4174	89.9761	-541.2		OJC	4.47	2.59	0.77	0.580	3.373	5.817	1325.	33.	4.	759.2	25.2	1
718	0	316	37.4179	89.9761	-541.7		OJC	5.81	3.90	0.73	0.671	5.333	7.944	1382.	46.	1.	759.2	25.2	1
719	0	308	37.4185	89.9761	-541.2		OJC	4.80	3.53	0.65	0.736	5.459	7.415	1243.	45.	2.	760.7	25.2	1
720	0	288	37.4191	89.9761	-540.7		OJC	3.65	3.15	0.79	0.864	3.993	4.624	1214.	47.	3.	760.7	25.2	1
721	0	304	37.4196	89.9761	-538.0		OJC	6.19	4.35	0.77	0.703	5.628	8.004	1379.	36.	0.	759.2	25.2	1
722	0	296	37.4202	89.9761	-537.0		OJC	6.97	1.91	0.85	0.274	2.235	8.155	1323.	30.	3.	758.1	25.1	1
723	0	288	37.4208	89.9760	-538.5		OJC	6.65	2.29	0.86	0.344	2.668	7.748	1546.	31.	4.	759.2	25.1	1
724	0	284	37.4214	89.9760	-538.5		OJC	6.94	2.81	0.84	0.404	3.337	8.253	1468.	43.	1.	760.7	25.1	1
725	0	288	37.4219	89.9760	-538.7		OJC	5.20	3.37	0.97	0.648	3.477	5.368	1382.	40.	4.	760.7	25.1	1
726	0	304	37.4225	89.9760	-537.5		OJC	7.03	2.71	0.82	0.385	3.303	8.576	1353.	37.	4.	759.7	25.1	1
727	0	304	37.4231	89.9760	-534.5		OJC	6.09	2.66	0.83	0.436	3.216	7.374	1302.	40.	5.	758.7	25.2	1
728	10	296	37.4237	89.9760	-533.0		OJC	5.11	0.97	0.73	0.0	0.0	6.976	1155.	44.	6.	759.7	25.2	1
729	10	304	37.4243	89.9760	-533.0		OJC	7.54	1.17	0.78	0.0	0.0	9.710	1223.	42.	8.	760.7	25.2	1
730	0	316	37.4249	89.9759	-529.7		OJC	5.64	1.46	0.74	0.259	1.958	7.570	1181.	42.	8.	760.7	25.3	1
731	0	340	37.4255	89.9760	-527.5		OJC	2.95	3.11	0.62	1.055	5.014	4.754	1116.	33.	7.	758.7	25.3	1
732	0	344	37.4260	89.9760	-526.2		OJC	5.32	1.64	0.53	0.308	3.090	10.047	1166.	39.	8.	758.7	25.3	1
733	0	344	37.4266	89.9760	-522.5		OJC	7.60	1.47	0.87	0.193	1.692	8.779	1304.	31.	7.	759.7	25.4	1
734	0	344	37.4272	89.9759	-520.5		OJC	8.15	1.96	0.84	0.241	2.323	9.659	1316.	42.	4.	760.2	25.4	1
735	10	344	37.4277	89.9759	-520.5		OJC	7.30	0.78	0.98	0.0	0.0	7.413	1384.	43.	7.	760.2	25.2	1
736	0	352	37.4283	89.9759	-516.2		OJC	6.13	2.92	0.80	0.476	3.653	7.676	1350.	39.	3.	759.2	25.2	1
737	0	372	37.4289	89.9759	-513.2		OJC	3.83	2.82	0.84	0.735	3.337	4.542	1237.	47.	5.	758.1	25.2	1
738	10	392	37.4295	89.9759	-511.7		OJC	5.86	1.27	0.77	0.0	0.0	7.574	1293.	36.	7.	758.7	25.2	1
739	10	432	37.4300	89.9759	-508.5		OJC	6.74	-0.25	1.12	0.0	0.0	6.000	1307.	37.	5.	759.7	25.3	1
740	0	444	37.4306	89.9759	-505.5		OJC	5.70	3.17	0.67	0.557	4.730	8.499	1161.	50.	2.	759.7	25.3	1
741	0	432	37.4312	89.9758	-504.0		OJC	3.43	2.16	0.73	0.632	2.969	4.700	1094.	38.	7.	758.7	25.3	1
742	10	448	37.4318	89.9758	-502.0		OJC	4.31	1.04	0.63	0.0	0.0	6.883	1114.	43.	8.	758.7	25.5	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
743	10	480	37.4323	89.9758	-499.7		OJC	5.60	-0.68	0.90	0.0	0.0	6.220	1126.	36.	12.	758.7	25.6	1
744	10	536	37.4329	89.9757	-498.0		OJC	5.65	-0.10	1.00	0.0	0.0	5.650	1252.	34.	12.	759.2	25.7	1
745	10	564	37.4335	89.9757	-497.7		OJC	5.98	0.25	0.84	0.0	0.0	7.126	1343.	35.	19.	759.2	25.7	1
746	10	552	37.4341	89.9757	-495.5		OJC	5.90	0.77	0.94	0.0	0.0	6.276	1282.	39.	18.	759.2	25.6	1
747	10	516	37.4346	89.9757	-493.5		OJC	5.09	0.30	0.73	0.0	0.0	6.982	1137.	38.	16.	758.1	25.6	1
748	10	512	37.4352	89.9757	-493.2		OJC	5.22	0.52	0.66	0.0	0.0	7.939	1177.	38.	15.	757.6	25.5	1
749	10	512	37.4358	89.9757	-492.0		OJC	4.12	0.83	0.62	0.0	0.0	6.625	1082.	33.	13.	757.6	25.5	1
750	10	496	37.4364	89.9757	-491.2		OJC	5.31	-0.29	0.77	0.0	0.0	6.903	1071.	34.	9.	759.2	25.5	1
751	0	496	37.4369	89.9757	-492.7		OJC	4.84	3.45	0.56	0.712	6.140	8.624	1140.	30.	7.	759.2	25.5	1
752	0	472	37.4375	89.9757	-492.0		OJC	3.94	2.56	0.74	0.650	3.472	5.340	1100.	32.	9.	758.1	25.5	1
753	10	444	37.4380	89.9757	-491.2		OJC	5.18	0.96	0.67	0.0	0.0	7.677	1134.	51.	6.	757.1	25.4	1
754	0	424	37.4386	89.9757	-493.0		OJC	4.58	2.30	0.58	0.502	3.983	7.930	1129.	45.	7.	758.1	25.4	1
755	0	432	37.4392	89.9756	-495.5		OJC	4.88	1.69	0.80	0.347	2.114	6.088	1181.	43.	6.	758.7	25.4	1
756	0	444	37.4398	89.9756	-497.7		OJC	4.06	4.20	0.65	1.034	6.486	6.271	1215.	42.	3.	758.7	25.5	1
757	10	476	37.4404	89.9756	-498.7		OJC	4.17	1.37	0.79	0.0	0.0	5.297	1149.	49.	8.	758.7	25.4	1
758	10	512	37.4410	89.9756	-501.2		OJC	5.62	0.61	0.78	0.0	0.0	7.210	1206.	33.	7.	759.2	25.4	1
759	0	508	37.4415	89.9756	-503.5		OJC	4.26	2.90	0.85	0.681	3.406	5.004	1121.	53.	3.	759.7	25.3	1
760	0	480	37.4421	89.9756	-505.2		OJC	6.02	2.11	0.73	0.350	2.896	8.273	1187.	41.	3.	758.7	25.3	1
761	0	476	37.4427	89.9756	-509.7		OJC	5.57	1.68	0.89	0.301	1.894	6.284	1172.	40.	5.	758.7	25.3	1
762	10	480	37.4433	89.9756	-514.0		OJC	5.78	1.33	0.90	0.0	0.0	6.386	1184.	48.	2.	759.7	25.3	1
763	0	464	37.4438	89.9755	-517.7		OJC	2.77	3.79	0.60	1.368	6.340	4.633	1059.	38.	0.	759.2	25.2	1
764	0	456	37.4444	89.9755	-521.7		OJC	4.26	1.74	0.77	0.408	2.275	5.569	1075.	33.	1.	759.2	25.2	1
765	0	472	37.4450	89.9755	-527.0		OJC	5.20	2.78	0.74	0.534	3.736	6.994	1150.	37.	0.	760.2	25.3	1
766	0	484	37.4456	89.9755	-531.0		OJC	5.19	1.43	0.97	0.275	1.471	5.340	1103.	39.	0.	758.7	25.4	1
767	0	464	37.4462	89.9755	-534.0		OJC	1.93	3.35	0.38	1.733	8.724	5.034	1008.	34.	0.	757.6	25.4	1
768	0	448	37.4467	89.9755	-539.7		OJC	3.39	2.32	0.28	0.684	8.224	12.023	949.	47.	4.	758.7	25.5	1
769	0	464	37.4473	89.9755	-546.2		OJC	5.26	2.51	0.46	0.478	5.497	11.503	1036.	31.	1.	758.7	25.4	1
770	0	488	37.4479	89.9754	-550.0		OJC	4.22	1.81	0.48	0.429	3.743	8.729	1009.	36.	5.	758.7	25.4	1
771	10	536	37.4484	89.9755	-554.2		OJC	4.51	0.85	0.68	0.0	0.0	6.601	1053.	33.	9.	758.7	25.3	1
772	0	584	37.4490	89.9755	-559.7		OJC	3.18	3.32	0.59	1.044	5.666	5.425	1121.	35.	8.	757.6	25.3	1
773	0	576	37.4496	89.9755	-562.7		OJC	4.24	2.20	0.59	0.519	3.759	7.239	1052.	44.	9.	757.6	25.2	1
774	10	556	37.4502	89.9754	-567.0		OJC	4.25	0.19	0.43	0.0	0.0	9.958	981.	35.	14.	758.1	25.2	1
775	10	556	37.4507	89.9754	-568.7		OJC	3.78	1.24	0.52	0.0	0.0	7.328	956.	31.	8.	759.2	25.2	1
776	10	600	37.4513	89.9754	-571.7		OJC	5.03	0.90	0.87	0.0	0.0	5.770	1120.	40.	12.	759.2	25.2	1
777	10	632	37.4519	89.9754	-574.5		OJC	5.81	-0.08	1.05	0.0	0.0	5.545	1247.	40.	11.	757.1	25.2	1
778	0	620	37.4525	89.9754	-576.0		OJC	4.91	3.27	0.95	0.667	3.457	5.184	1428.	28.	7.	757.1	25.2	1
779	0	600	37.4530	89.9754	-577.5		OJC	5.68	3.12	0.83	0.549	3.749	6.830	1301.	35.	8.	758.7	25.2	1
780	0	548	37.4536	89.9754	-580.0		OJC	5.40	3.60	0.54	0.668	6.625	9.919	1183.	32.	7.	759.7	25.2	1
781	10	496	37.4542	89.9753	-581.2		OJC	4.70	0.80	0.55	0.0	0.0	8.597	995.	42.	7.	759.7	25.2	1
782	0	468	37.4547	89.9753	-582.7		OJC	2.62	2.68	0.63	1.024	4.233	4.133	987.	41.	2.	758.7	25.2	1
783	10	448	37.4553	89.9753	-581.2		OJC	7.11	0.88	0.49	0.0	0.0	14.387	992.	44.	1.	757.6	25.2	1
784	0	392	37.4559	89.9754	-582.0		OJC	5.73	2.44	0.56	0.426	4.347	10.197	1079.	33.	0.	758.7	25.2	1
785	0	392	37.4565	89.9754	-582.2		OJC	6.54	1.74	0.98	0.267	1.786	6.700	1369.	39.	2.	759.7	25.2	1
786	0	400	37.4570	89.9754	-583.2		OJC	8.93	2.87	1.04	0.321	2.750	8.561	1626.	43.	2.	759.7	25.2	1
787	0	404	37.4576	89.9754	-583.7		OJC	9.50	1.83	1.23	0.192	1.490	7.744	1645.	44.	0.	759.7	25.3	1
788	0	420	37.4582	89.9754	-584.0		OJC	6.44	4.01	1.07	0.623	3.761	6.035	1528.	39.	0.	758.7	25.4	1
789	0	440	37.4588	89.9754	-583.2		OJC	6.62	3.21	1.09	0.485	2.948	6.077	1502.	49.	1.	758.1	25.3	1
790	10	444	37.4593	89.9755	-582.7		OJC	8.58	1.36	1.15	0.0	0.0	7.461	1576.	32.	2.	758.1	25.4	1
791	0	428	37.4599	89.9755	-580.5		OJC	7.90	1.68	1.14	0.213	1.474	6.929	1520.	38.	3.	759.2	25.3	1
792	0	424	37.4605	89.9755	-581.0		OJC	7.19	2.09	0.78	0.291	2.672	9.175	1571.	45.	6.	760.2	25.3	1
793	0	420	37.4610	89.9755	-580.7		OJC	6.22	2.66	0.88	0.427	3.009	7.040	1458.	42.	10.	759.2	25.3	1
794	10	388	37.4616	89.9755	-578.7		OJC	8.39	1.02	0.91	0.0	0.0	9.187	1434.	50.	12.	758.1	25.3	1
795	10	396	37.4622	89.9756	-578.2		OJC	6.11	0.58	1.01	0.0	0.0	6.060	1332.	50.	10.	758.7	25.2	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
796	10	400	37.4628	89.9756	-577.7	OJC	6.98	0.08	0.79	0.0	0.0	8.842	1188.	44.	13.	758.7	25.2	1
797	0	412	37.4633	89.9756	-576.2	OJC	2.08	2.06	0.79	0.993	2.620	2.638	1110.	38.	14.	758.7	25.0	1
798	0	448	37.4639	89.9756	-576.5	OJC	3.74	2.65	0.51	0.709	5.150	7.265	1162.	40.	9.	759.7	25.0	1
799	10	460	37.4645	89.9756	-575.7	OJC	5.31	0.09	0.72	0.0	0.0	7.357	1039.	45.	11.	759.7	25.2	1
800	10	488	37.4650	89.9757	-575.0	OJC	5.55	1.10	0.82	0.0	0.0	6.752	1106.	51.	11.	759.7	25.1	1
801	10	504	37.4656	89.9757	-573.7	OJC	6.15	1.02	0.77	0.0	0.0	7.945	1166.	34.	9.	758.7	24.9	1
802	0	452	37.4662	89.9757	-574.7	OJC	1.58	3.19	0.62	2.012	5.127	2.548	1097.	41.	4.	757.6	25.1	1
803	0	436	37.4667	89.9757	-576.7	OJC	4.66	3.16	0.59	0.678	5.320	7.851	1104.	37.	3.	758.7	25.2	1
804	0	444	37.4673	89.9757	-576.5	OJC	5.27	1.45	0.76	0.275	1.917	6.968	1064.	34.	3.	758.7	25.2	1
805	0	456	37.4679	89.9758	-576.2	OJC	6.49	1.82	0.75	0.281	2.425	8.631	1177.	24.	5.	758.7	25.2	1
806	0	448	37.4685	89.9758	-576.2	OJC	2.76	2.08	0.83	0.752	2.510	3.336	1108.	45.	6.	758.7	25.2	1
807	10	460	37.4690	89.9758	-579.2	OJC	2.96	1.29	0.86	0.0	0.0	3.423	1185.	42.	8.	759.7	25.1	1
808	10	488	37.4696	89.9758	-580.5	OJC	7.28	1.17	0.96	0.0	0.0	7.586	1279.	37.	4.	759.7	25.1	1
809	0	480	37.4702	89.9758	-581.0	OJC	6.17	3.81	0.46	0.618	8.211	13.290	1246.	37.	3.	758.7	25.0	1
810	0	480	37.4707	89.9758	-583.0	OJC	3.88	2.98	0.73	0.770	4.060	5.276	1267.	45.	6.	758.7	24.9	1
811	0	492	37.4713	89.9759	-584.5	OJC	4.53	1.71	1.02	0.376	1.668	4.436	1265.	47.	5.	758.7	24.8	1
812	0	500	37.4719	89.9759	-586.5	OJC	6.06	3.02	0.89	0.498	3.373	6.776	1291.	53.	4.	757.6	24.9	1
813	0	520	37.4725	89.9759	-588.5	OJC	5.14	4.43	0.58	0.861	7.634	8.864	1262.	47.	3.	757.6	24.8	1
814	10	524	37.4731	89.9759	-590.5	OJC	4.81	-0.09	1.15	0.0	0.0	4.177	1285.	37.	6.	758.7	24.8	1
815	0	516	37.4735	89.9759	-591.5	OJC	6.91	2.77	0.88	0.402	3.150	7.844	1278.	41.	4.	758.7	24.8	1
816	0	512	37.4741	89.9760	-593.7	OJC	5.53	1.63	0.85	0.295	1.927	6.541	1281.	30.	4.	758.1	24.8	1
817	10	500	37.4747	89.9760	-594.7	OJC	5.25	1.43	0.49	0.0	0.0	10.689	1184.	39.	11.	759.2	24.9	1
818	0	488	37.4753	89.9760	-597.0	OJC	3.78	1.88	0.72	0.497	2.622	5.271	1106.	39.	9.	760.2	24.9	1
819	0	496	37.4758	89.9760	-598.7	OJC	3.93	2.39	0.73	0.607	3.257	5.364	1177.	35.	10.	760.7	24.9	1
820	10	524	37.4764	89.9760	-603.0	OJC	5.87	1.51	1.00	0.0	0.0	5.847	1250.	31.	12.	760.7	24.9	1
821	0	556	37.4770	89.9761	-604.2	OJC	4.41	3.72	0.64	0.843	5.787	6.866	1199.	38.	8.	760.2	24.9	1
822	0	592	37.4776	89.9761	-606.7	OJC	6.61	2.30	0.67	0.348	3.439	9.896	1295.	37.	9.	759.2	24.9	1
823	0	608	37.4781	89.9761	-611.0	OJC	4.96	3.71	1.00	0.748	3.704	4.954	1378.	32.	11.	758.1	24.9	1
824	0	620	37.4787	89.9761	-611.7	OJC	6.37	3.02	1.14	0.474	2.636	5.560	1311.	35.	4.	758.1	25.0	1
825	0	640	37.4793	89.9761	-614.0	OJC	4.01	4.08	1.03	1.018	3.971	3.901	1453.	33.	3.	758.7	25.1	1
826	0	648	37.4799	89.9762	-618.7	OJC	4.96	3.24	1.02	0.652	3.173	4.864	1450.	40.	6.	758.7	25.1	1
827	10	652	37.4804	89.9762	-621.0	OJC	8.00	2.00	1.12	0.0	0.0	7.136	1467.	39.	7.	758.7	25.0	1
828	10	660	37.4810	89.9762	-623.5	OJC	7.17	1.66	0.97	0.0	0.0	7.403	1424.	41.	7.	758.7	25.0	1
829	10	664	37.4816	89.9762	-627.5	OJC	5.95	1.15	1.37	0.0	0.0	4.353	1369.	33.	5.	758.7	24.9	1
830	10	672	37.4821	89.9762	-629.2	OJC	5.87	1.03	1.02	0.0	0.0	5.778	1308.	38.	8.	758.7	24.8	1
831	0	676	37.4827	89.9763	-634.0	OJC	6.73	2.79	0.63	0.415	4.411	10.632	1259.	52.	7.	759.7	24.8	1
832	0	684	37.4832	89.9763	-637.5	OJC	4.00	3.01	0.72	0.752	4.157	5.524	1181.	43.	12.	759.7	24.8	1
833	10	672	37.4838	89.9763	-640.7	OJC	4.87	1.17	0.90	0.0	0.0	5.406	1312.	32.	11.	759.7	24.7	1
834	10	628	37.4844	89.9763	-641.2	OJC	6.12	0.93	0.92	0.0	0.0	6.657	1272.	43.	8.	758.7	24.7	1
835	10	600	37.4850	89.9763	-643.5	OJC	5.94	-0.35	0.97	0.0	0.0	6.100	1132.	35.	11.	758.7	24.6	1
836	10	620	37.4855	89.9764	-647.2	OJC	3.55	1.57	1.07	0.0	0.0	3.322	1296.	46.	11.	758.7	24.6	1
837	10	616	37.4861	89.9764	-650.0	OJC	6.64	2.06	0.74	0.0	0.0	8.954	1293.	40.	10.	758.1	24.5	1
838	0	612	37.4867	89.9764	-651.2	OJC	5.11	2.39	0.95	0.469	2.515	5.364	1399.	44.	14.	758.1	24.5	1
839	10	612	37.4872	89.9764	-656.0	OJC	8.73	1.40	0.84	0.0	0.0	10.361	1401.	37.	13.	758.1	24.6	1
840	0	592	37.4878	89.9764	-657.2	OJC	3.66	2.61	1.31	0.714	1.994	2.792	1446.	34.	9.	758.1	24.6	1
841	10	584	37.4884	89.9765	-659.0	OJC	7.17	0.44	1.01	0.0	0.0	7.079	1281.	54.	7.	757.1	24.6	1
842	10	604	37.4890	89.9765	-661.5	OJC	8.91	1.43	1.14	0.0	0.0	7.824	1434.	31.	4.	757.1	24.6	1
843	0	612	37.4895	89.9765	-665.5	OJC	6.38	3.87	0.57	0.606	6.822	11.254	1363.	43.	4.	757.1	24.7	1
844	0	600	37.4901	89.9765	-666.2	OJC	5.23	2.83	1.11	0.541	2.556	4.726	1528.	39.	6.	758.1	24.7	1
845	0	604	37.4906	89.9765	-667.7	OJC	5.72	3.64	0.95	0.636	3.814	5.995	1425.	36.	3.	757.1	24.7	1
846	0	620	37.4912	89.9766	-671.0	OJC	4.74	4.51	1.24	0.952	3.647	3.832	1497.	43.	4.	756.1	24.7	1
847	0	640	37.4918	89.9767	-673.0	OJC	5.92	4.84	1.09	0.818	4.427	5.414	1602.	40.	3.	757.1	24.7	1
848	0	664	37.4924	89.9767	-675.0	OJC	7.80	3.21	1.20	0.412	2.672	6.486	1607.	36.	6.	758.1	24.8	1

FLIGHT LINE 101 DAY 177 REDUCED DATA TEX-KENT 1979 PADUCAH

* ID	TAGS QUAL	ALT	* LOCATION LAT	LONG	MAG	RK.	UNIT	* REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
849	0	664	37.4929	89.9767	-677.2		OJC	4.69	4.38	1.05	0.934	4.181	4.478	1578.	36.	8.	758.7	24.8	1
850	10	656	37.4935	89.9767	-679.5		OJC	6.74	-0.58	1.32	0.0	0.0	5.096	1506.	30.	10.	757.6	24.8	1
851	10	672	37.4941	89.9767	-679.2		OJC	8.70	1.75	1.12	0.0	0.0	7.768	1551.	46.	11.	756.6	24.8	1
852	0	684	37.4947	89.9768	-682.0		OJC	5.54	3.22	1.14	0.581	2.836	4.880	1581.	31.	11.	757.1	24.8	1
853	0	684	37.4952	89.9768	-683.7		OJC	6.76	4.13	1.33	0.612	3.105	5.078	1690.	31.	10.	757.1	24.8	1
854	0	676	37.4958	89.9768	-685.5		OJC	5.66	2.83	0.92	0.499	3.075	6.159	1572.	28.	11.	755.5	24.7	1
855	10	660	37.4964	89.9768	-686.5		OJC	8.64	0.68	1.19	0.0	0.0	7.275	1518.	37.	13.	755.5	24.7	1
856	10	652	37.4969	89.9768	-690.0		OJC	4.33	0.57	1.14	0.0	0.0	3.793	1353.	56.	16.	757.6	24.7	1
857	10	644	37.4975	89.9768	-691.7		OJC	6.93	1.43	1.45	0.0	0.0	4.791	1442.	47.	13.	757.6	24.7	1
858	10	644	37.4981	89.9769	-692.7		OJC	6.66	1.45	0.73	0.0	0.0	9.171	1531.	30.	12.	756.6	24.7	1
859	0	652	37.4987	89.9769	-695.7		OJC	5.25	2.59	1.10	0.492	2.346	4.763	1524.	35.	8.	757.6	24.5	1
860	10	644	37.4992	89.9769	-697.2		OJC	6.21	1.14	1.13	0.0	0.0	5.521	1471.	38.	12.	758.7	24.6	1
861	0	620	37.4997	89.9769	-698.2		OJC	2.50	3.28	0.94	1.309	3.492	2.667	1282.	51.	8.	757.6	24.6	1
862	10	592	37.5003	89.9769	-700.2		OJC	5.99	-0.85	1.16	0.0	0.0	5.187	1223.	45.	11.	757.1	24.6	1
863	0	568	37.5009	89.9770	-701.7		OJC	5.29	2.45	1.26	0.463	1.938	4.188	1309.	40.	6.	757.1	24.6	1
864	10	560	37.5015	89.9770	-702.2		OJC	5.86	1.61	0.78	0.0	0.0	7.546	1394.	47.	6.	756.1	24.7	1
865	0	560	37.5020	89.9771	-705.2		OJC	5.72	2.12	0.96	0.370	2.209	5.977	1337.	43.	9.	756.6	24.7	1
866	10	568	37.5026	89.9771	-708.5		OJC	8.43	1.00	1.20	0.0	0.0	7.004	1526.	40.	11.	757.6	24.7	1
867	0	584	37.5032	89.9771	-708.5		OJC	4.66	3.78	1.13	0.811	3.347	4.129	1383.	44.	4.	757.6	24.7	1
868	0	584	37.5038	89.9771	-709.5		OJC	5.66	3.02	1.14	0.534	2.658	4.975	1506.	39.	4.	757.6	24.7	1
869	0	584	37.5043	89.9771	-711.5		OJC	4.49	6.04	0.36	1.346	16.769	12.463	1482.	46.	6.	758.7	24.7	1
870	0	584	37.5049	89.9772	-712.7		OJC	7.04	2.48	1.02	0.353	2.436	6.905	1561.	35.	6.	759.2	24.7	1
871	0	576	37.5055	89.9772	-715.7		OJC	4.35	3.26	1.17	0.749	2.791	3.727	1596.	37.	6.	758.7	24.7	1
872	0	556	37.5060	89.9772	-718.5		OJC	6.27	2.78	0.96	0.444	2.890	6.505	1493.	40.	9.	757.6	24.7	1
873	10	548	37.5066	89.9772	-718.5		OJC	6.57	1.70	0.88	0.0	0.0	7.464	1360.	38.	9.	758.7	24.7	1
874	0	544	37.5072	89.9772	-719.5		OJC	5.85	3.22	1.24	0.550	2.596	4.719	1428.	37.	6.	759.7	24.7	1
875	0	536	37.5078	89.9773	-721.7		OJC	7.91	3.15	0.51	0.399	6.164	15.444	1374.	52.	8.	758.7	24.7	1
876	0	524	37.5083	89.9773	-723.5		OJC	5.46	2.20	0.81	0.403	2.725	6.769	1317.	35.	10.	758.7	24.8	1
877	10	508	37.5089	89.9773	-724.5		OJC	6.70	0.97	0.75	0.0	0.0	8.943	1348.	42.	11.	758.7	24.9	1
878	10	496	37.5094	89.9773	-725.5		OJC	7.21	1.56	0.83	0.0	0.0	8.728	1310.	35.	7.	757.6	24.8	1
879	0	488	37.5100	89.9773	-727.2		OJC	5.79	2.00	0.68	0.346	2.950	8.518	1329.	41.	7.	757.6	24.6	1
880	10	472	37.5106	89.9774	-726.7		OJC	6.81	1.53	0.95	0.0	0.0	7.197	1300.	49.	5.	757.6	24.7	1
881	0	460	37.5112	89.9774	-726.7		OJC	5.20	2.89	0.84	0.556	3.429	6.170	1405.	34.	6.	757.6	24.8	1
882	0	456	37.5117	89.9774	-729.2		OJC	5.05	3.79	0.96	0.750	3.956	5.277	1542.	42.	1.	758.7	24.8	1
883	0	464	37.5123	89.9774	-733.0		OJC	7.04	2.29	1.19	0.326	1.928	5.920	1539.	40.	3.	758.7	24.8	1
884	0	460	37.5129	89.9774	-732.7		OJC	9.10	3.23	1.08	0.355	2.980	8.391	1558.	51.	0.	759.7	24.8	1
885	0	460	37.5134	89.9775	-734.0		OJC	6.37	3.23	1.14	0.507	2.826	5.578	1525.	30.	0.	759.7	24.7	1
886	0	464	37.5140	89.9775	-731.2		OJC	7.28	3.41	0.70	0.469	4.868	10.385	1455.	42.	0.	758.7	24.7	1
887	0	472	37.5146	89.9775	-727.0		OJC	5.66	3.55	0.68	0.628	5.264	8.388	1335.	45.	0.	758.7	24.6	1
888	0	472	37.5152	89.9775	-727.7		OJC	6.22	5.40	0.77	0.869	6.982	8.036	1495.	42.	0.	757.6	24.6	1
889	0	468	37.5157	89.9776	-737.2		OJC	8.59	4.72	0.71	0.549	6.655	12.114	1483.	45.	0.	757.6	24.6	1
890	0	464	37.5163	89.9776	-745.0		OJC	8.19	2.67	0.84	0.326	3.171	9.740	1584.	40.	0.	758.7	24.6	1
891	0	460	37.5168	89.9776	-745.2		OJC	4.79	3.54	0.92	0.738	3.860	5.231	1512.	43.	1.	758.7	24.6	1
892	0	452	37.5174	89.9776	-746.0		OJC	7.44	1.99	1.07	0.268	1.870	6.987	1571.	32.	3.	758.7	24.7	1
893	0	464	37.5180	89.9776	-745.2		OJC	6.75	2.81	0.95	0.416	2.968	7.138	1604.	29.	5.	758.7	24.7	1
894	10	476	37.5186	89.9777	-746.0		OJC	7.15	1.44	0.87	0.0	0.0	8.222	1494.	36.	5.	758.7	24.6	1
895	0	480	37.5191	89.9777	-748.0		OJC	6.51	3.58	0.83	0.550	4.334	7.887	1587.	31.	7.	759.2	24.7	1
896	10	492	37.5197	89.9777	-747.2		OJC	7.86	1.43	0.87	0.0	0.0	9.037	1426.	35.	7.	759.2	24.8	1
897	10	492	37.5203	89.9777	-748.0		OJC	7.91	1.41	0.90	0.0	0.0	8.794	1413.	35.	6.	758.1	24.8	1
898	10	504	37.5208	89.9777	-747.2		OJC	6.99	1.73	0.84	0.0	0.0	8.336	1450.	35.	10.	758.7	24.8	1
899	0	524	37.5214	89.9778	-748.0		OJC	7.09	2.35	0.90	0.331	2.615	7.900	1479.	38.	9.	758.7	24.7	1
900	10	512	37.5220	89.9778	-748.7		OJC	7.67	1.62	1.06	0.0	0.0	7.224	1369.	59.	9.	757.6	24.7	1
901	0	508	37.5226	89.9778	-751.0		OJC	5.36	2.74	0.86	0.510	3.190	6.256	1345.	45.	8.	757.1	24.7	1

* TAGS *			* LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
902	0	504	37.5231	89.9778	-750.7		OJC	4.66	2.96	1.00	0.635	2.961	4.660	1381.	40.	7.	756.1	24.8	1
903	0	476	37.5237	89.9778	-750.0		OJC	6.64	3.12	0.83	0.470	3.751	7.982	1378.	31.	5.	756.1	24.8	1
904	0	488	37.5243	89.9778	-748.7		OJC	6.28	1.96	1.01	0.312	1.931	6.195	1288.	45.	3.	757.1	25.1	1
905	0	532	37.5249	89.9779	-749.7		OJC	4.27	1.97	1.00	0.461	1.970	4.272	1304.	43.	2.	757.6	25.1	1
906	10	520	37.5254	89.9779	-749.0		OJC	8.41	1.45	1.05	0.0	0.0	8.032	1419.	31.	0.	757.6	25.1	1
907	0	540	37.5259	89.9779	-748.0		OJC	8.63	3.71	0.78	0.430	4.760	11.058	1357.	41.	0.	758.7	25.1	1
908	0	564	37.5265	89.9779	-748.5		OJC	4.43	3.08	0.95	0.694	3.223	4.641	1343.	44.	3.	758.7	25.0	1
909	0	564	37.5271	89.9779	-749.0		OJC	5.31	4.51	0.84	0.851	5.348	6.285	1438.	37.	0.	758.7	25.0	1
910	0	568	37.5277	89.9780	-746.5		OJC	7.45	3.91	1.29	0.526	3.035	5.775	1531.	43.	3.	758.1	25.0	1
911	0	552	37.5282	89.9780	-746.0		OJC	8.58	2.10	1.16	0.244	1.811	7.410	1496.	34.	2.	757.1	24.9	1
912	0	552	37.5288	89.9780	-747.0		OJC	5.78	2.40	1.11	0.415	2.159	5.196	1415.	41.	0.	756.1	24.9	1
913	0	568	37.5294	89.9780	-745.5		OJC	4.94	2.64	1.39	0.535	1.897	3.548	1524.	39.	4.	755.5	24.8	1
914	0	580	37.5299	89.9780	-744.2		OJC	4.33	2.63	1.17	0.608	2.256	3.713	1460.	37.	3.	755.5	24.8	1
915	0	588	37.5305	89.9781	-744.7		OJC	6.28	2.90	1.03	0.462	2.821	6.100	1453.	39.	5.	756.1	24.7	1
916	0	572	37.5311	89.9781	-744.0		OJC	5.65	2.16	1.07	0.382	2.021	5.296	1250.	44.	4.	757.1	24.7	1
917	0	572	37.5317	89.9781	-744.0		OJC	5.20	2.01	1.23	0.386	1.636	4.239	1323.	46.	5.	758.1	24.7	1
918	0	568	37.5322	89.9781	-743.5		OR-2	4.21	3.49	0.76	0.829	4.603	5.550	1346.	44.	4.	758.7	24.7	1
919	10	584	37.5328	89.9781	-742.5		OR-2	6.69	0.89	1.14	0.0	0.0	5.885	1300.	37.	2.	758.7	24.7	1
920	0	628	37.5334	89.9782	-742.5		OR-2	5.68	2.93	0.76	0.516	3.857	7.469	1360.	47.	3.	758.7	24.7	1
921	0	628	37.5339	89.9782	-741.2		OR-2	7.69	3.57	1.02	0.465	3.488	7.508	1538.	38.	2.	757.6	24.7	1
922	10	620	37.5345	89.9782	-741.7		OR-2	6.28	0.20	1.37	0.0	0.0	4.590	1457.	46.	2.	757.6	24.8	1
923	0	608	37.5350	89.9782	-741.5		OR-2	3.38	3.57	0.94	1.056	3.801	3.599	1482.	50.	4.	756.6	24.8	1
924	0	592	37.5356	89.9782	-740.2		OJC	5.49	2.99	0.97	0.545	3.084	5.661	1460.	50.	2.	756.6	24.8	1
925	0	588	37.5362	89.9784	-740.2		OJC	3.83	2.68	1.09	0.698	2.464	3.529	1464.	36.	7.	758.7	24.7	1
926	0	596	37.5368	89.9784	-741.0		OJC	6.30	2.81	1.08	0.446	2.595	5.815	1424.	35.	7.	758.7	24.8	1
927	10	632	37.5374	89.9784	-740.2		OJC	8.60	0.02	1.46	0.0	0.0	5.895	1480.	43.	10.	757.6	24.8	1
928	10	660	37.5379	89.9784	-742.0		OJC	8.93	-0.31	1.15	0.0	0.0	7.747	1557.	46.	12.	758.7	24.8	1
929	0	652	37.5385	89.9784	-739.5		OJC	9.84	3.18	1.00	0.323	3.194	9.876	1634.	41.	12.	758.7	24.8	1
930	10	640	37.5391	89.9784	-739.7		OJC	6.62	1.04	1.18	0.0	0.0	5.632	1575.	45.	10.	757.6	24.8	1
931	10	628	37.5396	89.9785	-742.0		OJC	6.84	1.42	0.99	0.0	0.0	6.913	1503.	41.	9.	757.1	24.8	1
932	10	636	37.5402	89.9785	-741.0		OJC	7.90	1.35	1.36	0.0	0.0	5.825	1577.	29.	8..	756.1	24.8	1
933	0	652	37.5408	89.9785	-742.0		OJC	6.09	4.63	1.07	0.761	4.312	5.663	1503.	43.	10.	755.5	24.8	1
934	10	656	37.5414	89.9785	-743.2		OJC	8.71	0.37	1.26	0.0	0.0	6.897	1614.	42.	8.	755.5	24.8	1
935	10	620	37.5419	89.9785	-743.7		OJC	8.42	1.66	0.48	0.0	0.0	17.386	1351.	45.	8.	755.5	24.8	1
936	0	576	37.5424	89.9786	-743.7		OJC	5.13	3.48	0.74	0.679	4.715	6.946	1304.	38.	10.	757.6	24.8	1
937	10	560	37.5430	89.9786	-744.0		OJC	5.75	0.12	0.91	0.0	0.0	6.302	1347.	33.	11.	759.2	24.9	1
938	0	548	37.5436	89.9786	-743.5		OJC	6.56	2.78	0.69	0.424	4.024	9.492	1308.	41.	9.	758.7	25.0	1
939	0	544	37.5442	89.9786	-743.7		OJC	5.40	2.68	0.73	0.495	3.678	7.426	1296.	40.	8.	757.6	24.9	1
940	10	540	37.5447	89.9786	-744.7		OJC	4.78	1.53	0.79	0.0	0.0	6.072	1239.	43.	11.	757.6	24.9	1
941	10	528	37.5453	89.9787	-743.2		OJC	6.00	0.84	1.05	0.0	0.0	5.729	1345.	39.	6.	756.6	24.9	1
942	0	520	37.5459	89.9787	-742.0		OJC	6.54	2.05	0.71	0.313	2.867	9.171	1307.	38.	7.	755.5	24.8	1
943	0	540	37.5465	89.9787	-741.7		OJC	5.21	3.38	1.14	0.650	2.957	4.549	1458.	47.	6.	755.5	24.8	1
944	0	552	37.5470	89.9787	-740.2		OJC	6.04	3.39	0.87	0.561	3.913	6.971	1500.	47.	6.	755.5	24.8	1
945	10	544	37.5476	89.9787	-740.7		OJC	6.69	1.65	1.38	0.0	0.0	4.849	1485.	46.	6.	755.5	24.8	1
946	10	544	37.5482	89.9788	-740.2		OJC	7.69	1.76	1.07	0.0	0.0	7.207	1466.	28.	7.	755.5	24.8	1
947	0	564	37.5488	89.9788	-739.0		OJC	8.26	2.55	1.03	0.309	2.485	8.054	1523.	44.	5.	756.6	24.9	1
948	0	576	37.5493	89.9788	-738.7		OJC	8.04	4.33	1.31	0.539	3.303	6.132	1577.	41.	0.	757.6	24.9	1
949	10	568	37.5499	89.9788	-737.7		OJC	8.11	1.32	1.47	0.0	0.0	5.530	1606.	48.	3.	758.7	24.9	1
950	0	548	37.5505	89.9789	-736.0		OJC	4.39	4.53	1.09	1.031	4.165	4.042	1570.	49.	4.	758.7	24.9	1
951	0	536	37.5510	89.9789	-735.5		OJC	5.18	3.87	0.88	0.747	4.419	5.915	1469.	37.	5.	758.7	24.8	1
952	0	536	37.5516	89.9789	-734.5		OJC	5.28	3.81	1.00	0.722	3.822	5.290	1375.	34.	7.	758.7	24.9	1
953	10	548	37.5522	89.9789	-732.0		OJC	8.11	1.14	1.10	0.0	0.0	7.397	1411.	36.	7.	758.7	24.8	1
954	0	528	37.5528	89.9789	-730.2		OJC	5.83	2.50	0.65	0.429	3.834	8.936	1362.	40.	7.	758.1	24.8	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
955	0	520	37.5534	89.9788	-728.5	OJC	3.95	1.91	0.86	0.483	2.231	4.615	1361.	36.	8.	757.1	24.8	1
956	0	496	37.5540	89.9788	-725.5	OJC	3.22	2.38	1.05	0.740	2.259	3.054	1236.	37.	4.	757.1	24.8	1
957	0	484	37.5546	89.9788	-721.5	OJC	5.08	3.52	0.66	0.692	5.315	7.682	1045.	43.	3.	758.1	24.8	1
958	0	504	37.5552	89.9787	-720.2	OJC	3.92	2.04	0.73	0.520	2.807	5.398	1113.	41.	2.	758.7	24.8	1
959	0	504	37.5557	89.9787	-718.5	OJC	5.45	1.57	0.67	0.288	2.338	8.112	1078.	42.	3.	758.7	24.9	1
960	0	504	37.5563	89.9787	-716.5	OJC	3.93	3.21	0.52	0.816	6.198	7.596	933.	49.	2.	758.7	24.8	1
961	0	516	37.5570	89.9787	-715.2	OJC	3.87	2.38	0.85	0.615	2.801	4.557	1004.	51.	1.	758.7	24.8	1
962	0	528	37.5575	89.9787	-713.5	OJC	3.07	1.99	0.74	0.647	2.683	4.147	1069.	38.	4.	758.7	24.8	1
963	10	524	37.5581	89.9787	-710.2	OJC	3.84	0.80	0.71	0.0	0.0	5.393	956.	39.	4.	758.7	24.7	1
964	0	532	37.5587	89.9787	-708.5	OJC	4.04	3.39	0.68	0.840	5.024	5.979	1023.	40.	1.	757.6	24.8	1
965	0	568	37.5593	89.9786	-705.7	OJC	4.17	1.98	0.74	0.476	2.678	5.632	1055.	27.	4.	757.6	24.8	1
966	10	612	37.5599	89.9787	-701.7	OJC	3.59	1.24	0.77	0.0	0.0	4.667	1078.	40.	4.	757.6	24.8	1
967	10	656	37.5604	89.9787	-701.0	OJC	4.46	1.44	0.81	0.0	0.0	5.495	1141.	48.	3.	757.6	24.8	1
968	10	672	37.5611	89.9787	-698.2	OJC	6.41	0.82	0.71	0.0	0.0	9.013	1110.	37.	3.	758.7	24.7	1
969	10	676	37.5617	89.9786	-695.7	OJC	4.12	1.79	0.90	0.0	0.0	4.586	1097.	56.	1.	758.7	24.7	1
970	0	676	37.5622	89.9786	-692.5	OJC	6.24	2.32	1.03	0.372	2.248	6.041	1104.	40.	3.	758.7	24.7	1
971	0	676	37.5629	89.9786	-690.2	OJC	4.35	3.65	0.77	0.838	4.738	5.652	1105.	34.	0.	758.7	24.7	1
972	0	636	37.5634	89.9786	-686.5	OJC	5.00	3.20	0.35	0.641	9.174	14.316	994.	37.	0.	758.1	24.7	1
973	0	632	37.5640	89.9786	-683.7	OJC	2.89	3.70	0.39	1.280	9.606	7.506	883.	48.	0.	757.1	24.7	1
974	0	672	37.5647	89.9786	-681.0	OJC	2.71	2.23	0.58	0.822	3.819	4.645	1115.	41.	3.	757.1	24.7	1
975	0	680	37.5652	89.9785	-677.0	OJC	5.73	3.07	0.95	0.535	3.228	6.033	1245.	36.	0.	757.6	24.6	1
976	10	684	37.5658	89.9785	-673.7	OJC	4.06	1.28	0.75	0.0	0.0	5.417	1254.	33.	4.	758.7	24.6	1
977	10	684	37.5664	89.9785	-669.7	OJC	5.86	1.10	0.91	0.0	0.0	6.430	1409.	42.	6.	759.2	24.6	1
978	10	680	37.5670	89.9785	-665.7	OR-2	8.71	-0.06	1.05	0.0	0.0	8.297	1322.	43.	4.	758.1	24.7	1
979	10	680	37.5676	89.9785	-662.2	OR-2	2.98	2.24	0.76	0.0	0.0	3.937	1333.	52.	13.	757.1	24.6	1
980	10	672	37.5681	89.9785	-659.2	OR-2	8.13	-1.03	1.14	0.0	0.0	7.113	1426.	36.	11.	757.6	24.6	1
981	0	672	37.5688	89.9785	-655.2	OR-2	5.21	2.56	1.06	0.491	2.415	4.920	1401.	41.	8.	758.7	24.6	1
982	0	672	37.5693	89.9784	-650.7	OR-2	7.35	3.81	0.65	0.518	5.903	11.386	1405.	36.	9.	758.7	24.6	1
983	10	672	37.5699	89.9784	-646.7	OJC	4.99	1.85	0.94	0.0	0.0	5.312	1295.	41.	10.	758.7	24.6	1
984	10	672	37.5705	89.9785	-641.2	OJC	5.79	1.87	1.20	0.0	0.0	4.838	1283.	47.	2.	757.6	24.7	1
985	10	668	37.5711	89.9785	-636.7	OJC	6.78	1.41	1.07	0.0	0.0	6.355	1368.	35.	8.	756.6	24.8	1
986	0	616	37.5717	89.9784	-631.2	OJC	4.90	3.75	0.72	0.766	5.238	6.837	1160.	35.	1.	758.1	24.8	1
987	10	620	37.5723	89.9784	-625.7	OJC	5.51	0.82	0.85	0.0	0.0	6.480	1161.	44.	1.	759.2	24.9	1
988	0	596	37.5729	89.9784	-620.5	OJC	5.02	2.63	0.67	0.524	3.944	7.524	1108.	39.	1.	758.1	24.9	1
989	0	584	37.5735	89.9784	-615.5	OJC	3.58	2.63	0.92	0.735	2.848	3.877	1116.	44.	2.	757.6	24.9	1
990	10	584	37.5741	89.9784	-609.2	OJC	3.35	0.65	0.86	0.0	0.0	3.911	1088.	36.	6.	756.6	24.9	1
991	0	580	37.5747	89.9784	-604.0	OJC	3.80	2.94	0.78	0.775	3.764	4.857	1145.	28.	2.	756.6	25.0	1
992	0	560	37.5752	89.9783	-598.0	OJC	6.16	2.39	0.61	0.388	3.930	10.124	1186.	36.	1.	758.7	25.0	1
993	0	560	37.5758	89.9783	-592.2	OJC	3.86	2.48	0.71	0.642	3.512	5.466	1100.	41.	5.	758.7	24.9	1
994	10	584	37.5765	89.9783	-585.2	OJC	3.88	0.42	0.89	0.0	0.0	4.342	1167.	38.	8.	757.6	24.8	1
995	10	600	37.5770	89.9783	-577.7	OJC	6.37	1.41	0.76	0.0	0.0	8.325	1214.	54.	0.	758.1	24.8	1
996	0	620	37.5776	89.9782	-571.5	OJC	5.91	2.07	1.23	0.350	1.688	4.822	1362.	39.	3.	758.1	24.8	1
997	10	604	37.5782	89.9782	-565.7	OJC	6.51	1.75	0.88	0.0	0.0	7.422	1306.	34.	4.	757.6	24.8	1
998	0	588	37.5788	89.9782	-558.7	OJC	5.87	2.12	0.85	0.362	2.495	6.893	1272.	45.	2.	758.7	24.8	1
999	0	568	37.5794	89.9782	-554.5	OJC	4.42	2.13	0.93	0.481	2.298	4.777	1321.	40.	4.	759.7	24.8	1
1000	0	552	37.5800	89.9782	-549.2	OJC	6.27	3.00	0.96	0.478	3.107	6.501	1277.	35.	0.	758.7	24.8	1
1001	0	532	37.5806	89.9782	-544.0	OJC	5.28	2.91	1.05	0.552	2.767	5.016	1320.	42.	1.	757.6	24.8	1
1002	0	528	37.5812	89.9782	-540.2	OJC	5.56	2.73	0.87	0.490	3.124	6.374	1362.	38.	2.	757.6	24.9	1
1003	0	532	37.5817	89.9781	-537.2	OJC	3.84	2.62	1.10	0.683	2.376	3.479	1137.	45.	6.	758.7	24.9	1
1004	10	520	37.5824	89.9782	-532.7	OJC	6.43	1.63	0.91	0.0	0.0	7.064	1362.	37.	6.	759.7	24.9	1
1005	0	504	37.5829	89.9782	-531.7	OJC	5.97	2.70	0.97	0.453	2.795	6.174	1379.	47.	7.	759.7	24.9	1
1006	0	496	37.5835	89.9781	-530.5	OJC	5.39	3.71	0.80	0.688	4.658	6.774	1330.	39.	2.	758.7	24.9	1
1007	0	484	37.5842	89.9781	-529.5	OJC	3.71	2.19	0.98	0.589	2.227	3.782	1182.	36.	4.	758.7	24.9	1

CP 9 LP 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1008	0	464	37.5847	89.9781	-530.7	OJC	4.05	2.16	0.74	0.533	2.897	5.440	1062.	37.	2.	758.7	24.9	1
1009	0	488	37.5853	89.9781	-531.7	OJC	6.05	3.44	0.72	0.568	4.764	8.383	1172.	27.	3.	758.7	24.9	1
1010	0	480	37.5859	89.9781	-531.2	OJC	2.95	3.19	0.71	1.082	4.515	4.173	1092.	45.	1.	759.7	24.9	1
1011	0	484	37.5865	89.9781	-534.7	OJC	5.06	2.19	0.82	0.432	2.654	6.150	1119.	43.	1.	759.2	24.8	1
1012	10	452	37.5871	89.9781	-538.0	OJC	4.77	1.20	0.89	0.0	0.0	5.352	1096.	53.	1.	758.1	24.8	1
1013	0	464	37.5877	89.9780	-540.7	OJC	6.76	3.14	0.84	0.464	3.745	8.065	1260.	36.	0.	759.2	24.9	1
1014	0	484	37.5883	89.9780	-546.7	OJC	6.50	2.87	0.94	0.442	3.042	6.889	1443.	32.	1.	760.2	24.8	1
1015	0	436	37.5888	89.9780	-551.2	OJC	7.87	1.69	1.05	0.215	1.606	7.478	1405.	39.	3.	759.2	24.8	1
1016	0	436	37.5894	89.9780	-556.7	OJC	6.99	1.75	0.82	0.250	2.134	8.538	1475.	43.	1.	758.1	24.9	1
1017	0	436	37.5900	89.9780	-562.5	OJC	6.77	3.29	0.95	0.485	3.463	7.132	1560.	40.	4.	759.2	24.8	1
1018	0	432	37.5906	89.9780	-569.5	OJC	7.66	2.77	1.04	0.361	2.656	7.356	1627.	37.	6.	760.2	24.8	1
1019	0	432	37.5912	89.9780	-576.0	OJC	7.98	2.15	1.22	0.270	1.763	6.541	1713.	43.	8.	759.7	24.8	1
1020	0	428	37.5918	89.9779	-583.0	OJC	9.24	2.55	1.16	0.276	2.191	7.952	1643.	43.	8.	758.7	24.8	1
1021	0	420	37.5924	89.9779	-590.2	OJC	9.44	2.62	1.18	0.277	2.225	8.032	1637.	43.	7.	758.7	24.8	1
1022	0	432	37.5930	89.9780	-597.7	OJC	7.56	3.34	1.25	0.442	2.668	6.039	1542.	43.	8.	760.7	24.8	1
1023	0	452	37.5936	89.9779	-604.5	OJC	7.73	2.31	1.24	0.299	1.866	6.245	1566.	32.	6.	760.7	24.9	1
1024	10	432	37.5942	89.9779	-612.7	OJC	7.51	1.40	0.90	0.0	0.0	8.330	1428.	36.	7.	758.7	24.9	1
1025	0	436	37.5947	89.9779	-618.7	OJC	6.64	2.57	0.72	0.387	3.587	9.268	1374.	35.	7.	758.7	24.8	1
1026	0	444	37.5954	89.9779	-625.5	OJC	4.76	2.21	1.12	0.465	1.977	4.255	1295.	37.	10.	760.7	25.0	1
1027	0	480	37.5960	89.9779	-632.7	OJC	4.72	3.18	1.00	0.673	3.164	4.700	1296.	22.	11.	759.7	25.1	1
1028	10	516	37.5965	89.9779	-640.0	OJC	5.45	1.04	1.26	0.0	0.0	4.326	1457.	34.	8.	758.7	25.0	1
1029	10	512	37.5971	89.9779	-647.0	OJC	5.16	0.27	1.18	0.0	0.0	4.383	1519.	44.	14.	759.7	25.0	1
1030	10	500	37.5977	89.9778	-654.5	OJC	7.56	1.73	0.93	0.0	0.0	8.158	1542.	46.	10.	760.7	24.9	1
1031	10	484	37.5983	89.9778	-662.0	OJC	8.90	0.91	1.08	0.0	0.0	8.210	1605.	37.	12.	759.2	24.9	1
1032	0	448	37.5989	89.9778	-667.5	OJC	6.25	2.49	1.07	0.398	2.318	5.827	1385.	45.	6.	758.1	24.8	1
1033	10	412	37.5995	89.9778	-673.0	OJC	6.14	0.80	1.19	0.0	0.0	5.144	1291.	49.	8.	759.2	24.8	1
1034	0	412	37.6001	89.9778	-678.7	OJC	5.10	1.51	0.96	0.297	1.580	5.322	1395.	41.	10.	759.2	24.8	1
1035	0	404	37.6007	89.9778	-684.2	OJC	4.39	3.53	0.77	0.805	4.591	5.707	1288.	35.	8.	758.1	24.9	1
1036	0	416	37.6013	89.9778	-688.2	OJC	8.06	2.57	0.87	0.319	2.965	9.290	1383.	40.	6.	758.1	24.9	1
1037	0	428	37.6019	89.9777	-694.0	OJC	5.68	2.14	0.98	0.377	2.185	5.789	1336.	49.	9.	760.2	24.8	1
1038	0	452	37.6024	89.9777	-698.2	OJC	4.71	1.74	1.08	0.370	1.614	4.359	1375.	44.	12.	759.7	24.8	1
1039	10	476	37.6031	89.9777	-702.7	OJC	8.73	1.60	1.03	0.0	0.0	8.489	1414.	36.	9.	757.6	24.8	1
1040	0	448	37.6036	89.9777	-707.0	OJC	4.30	3.12	0.74	0.725	4.189	5.780	1312.	44.	9.	758.7	24.7	1
1041	0	428	37.6042	89.9777	-710.2	OJC	5.54	1.74	0.81	0.314	2.158	6.879	1277.	34.	8.	759.7	24.7	1
1042	0	412	37.6048	89.9777	-714.2	OJC	4.17	2.32	0.67	0.556	3.456	6.211	1222.	35.	7.	758.7	24.8	1
1043	10	400	37.6054	89.9776	-718.7	OJC	6.81	0.19	0.68	0.0	0.0	10.044	1162.	41.	9.	758.7	24.8	1
1044	0	424	37.6060	89.9777	-720.2	OJC	7.68	1.97	0.66	0.257	2.987	11.636	1253.	31.	5.	759.7	24.8	1
1045	0	436	37.6066	89.9777	-723.5	OJC	5.52	2.22	1.03	0.402	2.165	5.383	1313.	38.	5.	758.7	24.8	1
1046	0	428	37.6072	89.9777	-726.5	OJC	7.65	2.21	0.87	0.288	2.537	8.793	1337.	32.	5.	758.7	24.8	1
1047	0	384	37.6078	89.9776	-729.7	OJC	4.42	2.54	0.67	0.574	3.808	6.630	1172.	46.	4.	759.7	24.8	1
1048	0	372	37.6083	89.9776	-731.5	OJC	6.68	1.80	0.57	0.269	3.153	11.725	1174.	50.	0.	758.7	24.7	1
1049	0	368	37.6090	89.9776	-733.2	OJC	5.43	1.77	0.58	0.326	3.079	9.450	1197.	38.	4.	759.2	24.8	1
1050	10	368	37.6095	89.9776	-734.7	OJC	5.99	0.36	0.64	0.0	0.0	9.411	1154.	46.	4.	760.2	24.8	1
1051	10	356	37.6101	89.9776	-734.0	OJC	7.60	-0.07	0.90	0.0	0.0	8.413	1133.	43.	0.	759.2	24.8	1
1052	0	360	37.6107	89.9776	-734.5	OJC	6.30	2.46	0.81	0.390	3.042	7.794	1238.	43.	3.	758.7	24.7	1
1053	0	352	37.6113	89.9776	-738.5	OJC	4.93	1.51	0.97	0.307	1.568	5.108	1335.	41.	1.	759.7	24.7	1
1054	0	340	37.6119	89.9775	-742.2	OJC	7.73	1.55	1.17	0.200	1.328	6.635	1510.	37.	3.	759.2	24.7	1
1055	0	328	37.6125	89.9775	-745.7	OJC	7.61	2.56	1.12	0.336	2.282	6.783	1552.	38.	2.	758.1	24.7	1
1056	0	320	37.6131	89.9775	-747.7	OJC	8.59	2.28	0.96	0.265	2.380	8.968	1607.	36.	2.	760.2	24.7	1
1057	0	312	37.6137	89.9774	-747.5	OJC	8.53	4.43	1.01	0.520	4.376	8.417	1681.	46.	0.	760.7	24.6	1
1058	0	308	37.6142	89.9774	-749.0	OJC	8.20	2.93	1.02	0.357	2.866	8.033	1647.	39.	0.	758.7	24.6	1
1059	0	304	37.6149	89.9774	-751.5	OJC	8.06	2.44	1.06	0.303	2.300	7.584	1595.	52.	1.	759.2	24.6	1
1060	0	320	37.6155	89.9774	-753.0	OJC	5.62	3.53	0.93	0.627	3.778	6.022	1380.	56.	0.	760.2	24.6	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1061	0	332	37.6160	89.9774	-753.5	OJC	6.11	2.59	0.85	0.424	3.039	7.167	1357.	45.	1.	759.2	24.6	1
1062	0	312	37.6167	89.9774	-755.7	OJC	6.20	2.55	0.84	0.412	3.036	7.377	1363.	42.	1.	758.7	24.7	1
1063	0	316	37.6172	89.9774	-755.2	OJC	5.78	2.00	0.87	0.346	2.305	6.657	1441.	30.	2.	760.7	24.8	1
1064	0	316	37.6178	89.9773	-756.0	OJC	6.80	2.28	1.26	0.335	1.807	5.400	1468.	34.	1.	760.2	24.8	1
1065	0	324	37.6184	89.9774	-758.0	OJC	8.76	3.90	0.83	0.446	4.695	10.535	1544.	29.	1.	758.1	24.8	1
1066	0	328	37.6190	89.9774	-760.5	OJC	7.80	1.77	1.31	0.227	1.346	5.936	1614.	33.	1.	759.2	24.8	1
1067	0	340	37.6196	89.9773	-762.7	OJC	8.63	3.20	0.82	0.370	3.918	10.581	1565.	40.	4.	760.2	24.8	1
1068	0	328	37.6202	89.9773	-762.5	OJC	7.62	3.72	0.98	0.488	3.798	7.788	1670.	46.	7.	758.7	24.8	1
1069	0	320	37.6208	89.9773	-762.5	OJC	9.79	1.71	1.28	0.175	1.342	7.659	1742.	35.	10.	759.2	24.7	1
1070	0	328	37.6214	89.9773	-764.5	OJC	8.43	2.40	0.95	0.285	2.539	8.908	1619.	41.	8.	760.2	24.8	1
1071	10	348	37.6219	89.9773	-763.2	OJC	9.77	1.40	1.21	0.0	0.0	8.080	1742.	46.	13.	758.7	24.7	1
1072	10	340	37.6225	89.9773	-763.0	OJC	8.22	1.30	1.19	0.0	0.0	6.908	1619.	44.	16.	758.7	24.7	1
1073	0	324	37.6231	89.9773	-765.5	OJC	6.47	2.32	1.19	0.358	1.944	5.434	1550.	45.	14.	759.2	24.7	1
1074	10	324	37.6237	89.9772	-768.7	OJC	8.57	0.25	0.84	0.0	0.0	10.205	1454.	52.	13.	758.1	24.7	1
1075	0	340	37.6243	89.9772	-770.5	OJC	8.06	1.51	1.10	0.188	1.378	7.344	1608.	53.	13.	759.2	24.7	1
1076	0	356	37.6249	89.9772	-771.5	OJC	8.91	1.79	1.05	0.201	1.707	8.504	1643.	41.	10.	759.2	24.8	1
1077	0	352	37.6255	89.9772	-771.7	OJC	6.39	2.03	1.12	0.318	1.821	5.726	1645.	35.	10.	758.7	24.9	1
1078	0	364	37.6261	89.9772	-771.2	OJC	7.69	2.36	1.09	0.307	2.179	7.086	1676.	44.	8.	759.2	24.9	1
1079	0	376	37.6267	89.9772	-772.5	OJC	7.26	3.36	1.00	0.462	3.356	7.261	1590.	45.	6.	759.2	24.8	1
1080	0	380	37.6272	89.9772	-774.2	OJC	6.42	3.56	1.25	0.554	2.843	5.132	1761.	32.	5.	759.2	24.8	1
1081	0	372	37.6278	89.9771	-774.5	OJC	7.58	1.64	1.32	0.217	1.249	5.760	1677.	46.	3.	759.2	24.8	1
1082	0	360	37.6285	89.9772	-776.0	OJC	6.19	2.96	1.51	0.478	1.964	4.111	1679.	52.	3.	758.7	24.8	1
1083	0	348	37.6290	89.9772	-778.0	OJC	7.48	4.26	1.04	0.570	4.112	7.220	1614.	33.	2.	759.2	24.9	1
1084	0	344	37.6296	89.9771	-777.7	OJC	6.88	2.49	0.94	0.361	2.644	7.317	1527.	33.	1.	759.7	25.0	1
1085	0	344	37.6302	89.9771	-775.7	OJC	6.71	2.16	0.95	0.322	2.278	7.075	1495.	35.	4.	758.7	24.9	1
1086	10	352	37.6308	89.9771	-778.0	OJC	6.77	1.20	1.13	0.0	0.0	5.979	1429.	36.	7.	758.7	24.9	1
1087	0	356	37.6314	89.9771	-780.0	OJC	9.19	3.27	0.98	0.356	3.344	9.389	1527.	44.	1.	759.2	24.8	1
1088	0	364	37.6320	89.9771	-780.5	OJC	5.67	3.84	0.92	0.678	4.191	6.178	1534.	42.	2.	759.2	24.8	1
1089	0	372	37.6326	89.9771	-781.2	OJC	7.12	3.18	0.95	0.446	3.335	7.480	1584.	37.	2.	758.7	24.8	1
1090	0	376	37.6332	89.9771	-782.5	OJC	9.42	2.12	1.06	0.225	1.997	8.883	1536.	40.	2.	758.1	24.7	1
1091	0	372	37.6338	89.9770	-784.2	OJC	7.14	2.62	0.94	0.367	2.803	7.631	1492.	43.	5.	758.1	24.7	1
1092	0	332	37.6344	89.9770	-783.7	OJC	7.02	1.71	0.78	0.244	2.189	8.967	1255.	47.	2.	759.2	24.7	1
1093	0	336	37.6349	89.9770	-784.2	OJC	3.77	1.63	0.73	0.433	2.249	5.197	1156.	44.	5.	759.2	24.7	1
1094	10	332	37.6355	89.9770	-785.5	OJC	3.76	0.57	0.82	0.0	0.0	4.588	1044.	38.	7.	758.7	24.7	1
1095	0	332	37.6361	89.9770	-785.0	OJC	4.17	2.46	0.64	0.590	3.824	6.484	1036.	36.	5.	758.7	24.7	1
1096	0	340	37.6366	89.9771	-785.5	OJC	2.99	2.64	0.53	0.881	5.009	5.686	991.	59.	7.	759.2	24.7	1
1097	0	316	37.6372	89.9771	-785.5	OJC	5.02	1.77	0.61	0.352	2.893	8.207	1090.	47.	7.	759.2	24.7	1
1098	10	312	37.6377	89.9771	-786.5	OJC	5.32	0.60	0.81	0.0	0.0	6.595	1233.	41.	8.	758.7	24.7	1
1099	0	336	37.6383	89.9772	-786.5	OJC	7.91	2.19	1.00	0.277	2.195	7.918	1548.	35.	9.	758.7	24.6	1
1100	0	348	37.6388	89.9772	-785.7	OJC	9.54	1.69	0.94	0.177	1.796	10.134	1674.	38.	7.	759.2	24.6	1
1101	0	360	37.6394	89.9772	-786.7	OJC	5.84	3.74	1.26	0.640	2.973	4.642	1700.	31.	6.	759.2	24.6	1
1102	0	360	37.6399	89.9773	-787.0	OJC	5.93	1.98	1.04	0.333	1.894	5.687	1454.	50.	9.	758.7	24.6	1
1103	0	372	37.6404	89.9773	-784.2	OJC	7.54	3.02	1.06	0.400	2.856	7.135	1502.	37.	2.	758.7	24.6	1
1104	0	388	37.6410	89.9774	-784.5	OJC	6.49	3.41	0.78	0.525	4.381	8.342	1436.	40.	2.	758.1	24.6	1
1105	0	404	37.6415	89.9774	-784.0	OJC	7.22	2.45	0.88	0.339	2.779	8.196	1457.	28.	0.	758.1	24.7	1
1106	0	412	37.6420	89.9774	-782.2	OJC	5.86	2.43	0.68	0.414	3.549	8.563	1349.	40.	1.	758.1	24.7	1
1107	0	428	37.6426	89.9775	-781.7	OJC	4.97	2.58	0.86	0.518	2.985	5.757	1320.	41.	1.	757.6	24.7	1
1108	10	436	37.6431	89.9775	-779.5	OJC	4.35	1.13	0.90	0.0	0.0	4.841	1296.	39.	6.	757.6	24.6	1
1109	10	416	37.6437	89.9776	-778.0	OJC	7.16	1.01	0.78	0.0	0.0	9.233	1199.	39.	7.	758.1	24.6	1
1110	0	408	37.6442	89.9776	-775.5	OJC	6.48	2.56	0.74	0.396	3.450	8.721	1187.	31.	5.	758.1	24.6	1
1111	0	388	37.6448	89.9777	-775.5	OJC	4.54	1.42	0.72	0.313	1.967	6.279	1118.	34.	10.	758.1	24.6	1
1112	0	388	37.6453	89.9777	-773.7	OJC	3.58	2.45	0.56	0.685	4.374	6.384	1092.	51.	10.	759.2	24.6	1
1113	0	400	37.6459	89.9777	-772.0	OJC	5.72	2.54	0.94	0.444	2.711	6.109	1302.	35.	10.	758.1	24.5	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1114	0	396	37.6464	89.9778	-770.2	OJC	4.98	2.76	0.62	0.554	4.474	8.078	1396.	26.	11.	758.1	24.5	1
1115	0	392	37.6470	89.9778	-767.7	OJC	6.34	2.89	0.91	0.455	3.162	6.941	1502.	41.	13.	758.1	24.5	1
1116	10	388	37.6475	89.9778	-765.5	OJC	6.52	1.00	0.96	0.0	0.0	6.820	1435.	39.	14.	758.1	24.6	1
1117	0	384	37.6481	89.9778	-764.2	OJC	7.93	2.49	0.89	0.313	2.806	8.952	1517.	45.	13.	758.1	24.5	1
1118	0	380	37.6486	89.9779	-763.0	OJC	6.44	1.49	0.90	0.232	1.661	7.164	1478.	42.	12.	758.7	24.6	1
1119	10	376	37.6492	89.9779	-760.2	OJC	7.20	0.81	0.95	0.0	0.0	7.553	1507.	41.	11.	758.7	24.6	1
1120	0	360	37.6497	89.9780	-760.5	OJC	7.19	1.66	0.62	0.231	2.666	11.527	1317.	41.	11.	758.7	24.6	1
1121	0	352	37.6502	89.9780	-757.7	OJC	6.13	2.02	0.71	0.329	2.853	8.663	1352.	37.	8.	758.7	24.6	1
1122	0	352	37.6508	89.9780	-752.7	OJC	6.24	2.12	1.03	0.340	2.058	6.048	1422.	43.	4.	758.7	24.7	1
1123	0	360	37.6513	89.9781	-750.2	OJC	8.10	4.18	1.09	0.517	3.852	7.456	1580.	42.	2.	758.7	24.8	1
1124	0	376	37.6519	89.9781	-748.5	OJC	9.07	1.88	0.95	0.207	1.967	9.508	1523.	42.	3.	758.1	24.8	1
1125	0	380	37.6524	89.9782	-746.2	OJC	7.43	2.92	0.97	0.392	2.999	7.642	1474.	42.	2.	758.1	24.8	1
1126	10	376	37.6529	89.9782	-743.0	OJC	6.50	1.10	0.88	0.0	0.0	7.397	1355.	26.	6.	758.1	24.8	1
1127	0	376	37.6535	89.9782	-739.2	OJC	5.69	2.28	0.91	0.401	2.512	6.263	1288.	49.	2.	758.7	24.8	1
1128	0	388	37.6540	89.9782	-738.0	OJC	4.35	2.83	0.80	0.651	3.528	5.420	1246.	34.	4.	758.7	24.8	1
1129	0	392	37.6545	89.9782	-734.0	OJC	6.40	3.02	0.59	0.473	5.117	10.830	1178.	32.	6.	757.6	24.8	1
1130	0	404	37.6551	89.9784	-730.2	OJC	5.82	1.99	0.95	0.341	2.086	6.119	1282.	36.	6.	757.6	24.7	1
1131	10	412	37.6556	89.9784	-726.5	OJC	6.07	1.27	0.99	0.0	0.0	6.119	1358.	36.	8.	758.1	24.7	1
1132	0	424	37.6562	89.9785	-723.7	OJC	4.98	2.35	0.64	0.472	3.691	7.817	1289.	50.	8.	759.2	24.7	1
1133	10	420	37.6567	89.9785	-719.5	OJC	6.74	0.64	0.82	0.0	0.0	8.171	1172.	46.	8.	758.7	24.7	1
1134	0	416	37.6573	89.9785	-714.7	OJC	4.88	2.31	0.91	0.472	2.531	5.360	1167.	35.	9.	757.6	24.7	1
1135	10	400	37.6578	89.9785	-711.2	OJC	6.93	-0.16	0.68	0.0	0.0	10.173	1099.	42.	9.	757.1	24.7	1
1136	10	384	37.6584	89.9785	-707.7	OJC	4.74	0.75	0.71	0.0	0.0	6.658	1020.	33.	9.	758.1	24.7	1
1137	0	400	37.6589	89.9786	-702.5	OJC	4.43	2.32	0.66	0.522	3.511	6.722	1094.	30.	9.	758.7	24.6	1
1138	0	404	37.6595	89.9786	-697.5	OJC	4.04	2.80	0.56	0.694	5.017	7.228	957.	40.	5.	757.6	24.6	1
1139	0	400	37.6600	89.9787	-693.5	OJC	5.16	2.20	0.54	0.426	4.040	9.474	947.	48.	9.	757.6	24.6	1
1140	10	392	37.6606	89.9787	-689.0	OJC	2.96	1.17	0.60	0.0	0.0	4.961	971.	40.	8.	758.1	24.6	1
1141	0	480	37.6611	89.9787	-684.2	OJC	4.66	3.14	0.65	0.674	4.864	7.214	1051.	39.	7.	758.1	24.6	1
1142	10	408	37.6617	89.9788	-679.2	OJC	3.39	0.25	0.59	0.0	0.0	5.739	909.	34.	8.	758.1	24.5	1
1143	10	376	37.6622	89.9788	-673.7	OJC	3.13	0.76	0.64	0.0	0.0	4.868	865.	48.	8.	758.1	24.6	1
1144	0	364	37.6627	89.9789	-668.5	OJC	2.05	1.77	0.57	0.867	3.140	3.619	832.	43.	5.	758.1	24.6	1
1145	0	360	37.6632	89.9789	-664.0	OJC	3.09	2.13	0.56	0.689	3.772	5.478	827.	30.	2.	758.1	24.7	1
1146	0	360	37.6638	89.9790	-659.7	OJC	3.67	1.38	0.75	0.377	1.843	4.881	874.	42.	4.	758.1	24.7	1
1147	0	356	37.6644	89.9790	-655.2	OJC	3.72	2.51	0.57	0.674	4.436	6.581	920.	30.	3.	758.1	24.8	1
1148	0	364	37.6649	89.9790	-650.7	OJC	3.59	1.11	0.66	0.309	1.681	5.432	965.	37.	2.	758.1	24.8	1
1149	0	388	37.6654	89.9791	-644.7	OJC	4.13	2.03	0.55	0.493	3.700	7.509	978.	35.	0.	758.1	24.9	1
1150	0	412	37.6659	89.9791	-640.5	OJC	6.79	1.55	0.45	0.229	3.475	15.184	982.	55.	0.	758.1	24.9	1
1151	0	416	37.6665	89.9792	-635.5	OJC	4.06	2.08	0.50	0.512	4.170	8.149	944.	47.	1.	758.7	24.8	1
1152	0	416	37.6670	89.9792	-630.7	OJC	4.53	1.70	0.59	0.374	2.855	7.637	938.	47.	4.	758.7	24.8	1
1153	0	408	37.6676	89.9792	-626.2	OJC	3.81	3.96	0.61	1.039	6.463	6.222	1033.	31.	0.	757.6	24.8	1
1154	0	400	37.6681	89.9792	-622.2	OJC	2.73	1.70	0.49	0.624	3.507	5.620	932.	46.	3.	758.7	24.8	1
1155	10	404	37.6687	89.9792	-619.0	OJC	3.13	1.22	0.61	0.0	0.0	5.109	963.	52.	5.	759.2	24.8	1
1156	0	404	37.6692	89.9794	-616.5	OJC	5.27	2.29	0.55	0.435	4.134	9.505	1015.	43.	1.	758.1	24.7	1
1157	0	424	37.6698	89.9794	-612.2	OJC	4.85	3.10	0.67	0.640	4.660	7.282	1009.	37.	4.	758.1	24.7	1
1158	10	452	37.6703	89.9795	-607.7	OJC	3.51	1.25	0.88	0.0	0.0	3.990	1000.	45.	7.	758.7	24.7	1
1159	0	464	37.6709	89.9795	-604.0	OJC	2.94	1.46	0.82	0.495	1.787	3.609	1110.	37.	7.	758.7	24.7	1
1160	10	456	37.6714	89.9795	-601.2	OJC	3.96	1.40	0.71	0.0	0.0	5.612	1041.	51.	10.	758.7	24.6	1
1161	10	476	37.6720	89.9795	-596.5	OJC	3.48	1.30	0.77	0.0	0.0	4.540	1023.	48.	13.	757.6	24.6	1
1162	0	488	37.6725	89.9795	-591.7	OJC	5.28	2.60	0.55	0.493	4.773	9.684	1106.	44.	7.	757.6	24.6	1
1163	10	468	37.6730	89.9796	-591.0	OJC	3.41	0.93	0.65	0.0	0.0	5.232	1005.	45.	11.	757.6	24.7	1
1164	10	456	37.6736	89.9796	-586.7	OJC	2.63	1.22	0.46	0.0	0.0	5.764	959.	33.	13.	758.1	24.7	1
1165	10	456	37.6741	89.9797	-582.0	OJC	3.98	-0.05	0.75	0.0	0.0	5.297	934.	42.	9.	758.1	24.7	1
1166	10	460	37.6747	89.9797	-579.7	OJC	4.03	0.31	0.53	0.0	0.0	7.546	912.	51.	11.	758.1	24.8	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1167	0	468	37.6752	89.9797	-576.5	OJC	4.85	1.74	0.45	0.360	3.873	10.772	999.	43.	8.	758.1	24.7	1
1168	10	452	37.6757	89.9798	-572.5	OJC	5.72	-0.67	0.73	0.0	0.0	7.854	967.	47.	10.	757.6	24.7	1
1169	10	444	37.6763	89.9798	-569.5	OJC	4.23	1.15	0.62	0.0	0.0	6.866	955.	38.	8.	757.6	24.7	1
1170	0	452	37.6768	89.9799	-566.5	OJC	3.39	1.40	0.57	0.411	2.437	5.929	894.	42.	3.	758.1	24.8	1
1171	0	472	37.6774	89.9799	-563.0	OJC	2.95	1.50	0.87	0.507	1.715	3.383	1003.	44.	5.	758.1	24.7	1
1172	0	496	37.6779	89.9799	-559.2	OJC	5.24	2.98	0.63	0.568	4.726	8.316	1073.	49.	3.	758.1	24.7	1
1173	10	516	37.6785	89.9799	-557.5	OJC	5.70	1.03	0.62	0.0	0.0	9.132	1000.	45.	2.	758.7	24.7	1
1174	0	536	37.6790	89.9800	-553.5	OJC	5.84	2.12	0.86	0.363	2.460	6.783	1155.	34.	1.	758.7	24.7	1
1175	0	552	37.6795	89.9801	-551.0	OJC	4.44	2.13	0.74	0.479	2.888	6.029	1198.	42.	4.	758.1	24.5	1
1176	10	564	37.6801	89.9801	-549.0	OJC	5.53	1.36	0.74	0.0	0.0	7.495	1209.	35.	6.	758.1	24.6	1
1177	0	584	37.6806	89.9802	-547.2	OJC	4.93	2.04	0.99	0.413	2.058	4.979	1212.	27.	3.	758.1	24.7	1
1178	0	632	37.6812	89.9802	-543.7	OJC	5.68	2.10	0.87	0.370	2.420	6.537	1263.	35.	7.	758.1	24.7	1
1179	0	652	37.6817	89.9802	-541.2	OJC	3.90	3.07	0.91	0.788	3.369	4.277	1368.	45.	9.	757.6	24.8	1
1180	10	612	37.6823	89.9802	-539.2	OJC	7.19	1.60	1.01	0.0	0.0	7.096	1267.	34.	10.	757.6	24.9	1
1181	10	612	37.6828	89.9802	-536.0	OJC	5.91	-0.34	0.97	0.0	0.0	6.102	1197.	33.	13.	757.6	24.8	1
1182	10	624	37.6833	89.9803	-532.2	OJC	6.97	0.15	0.68	0.0	0.0	10.218	1191.	49.	11.	757.6	24.8	1
1183	10	620	37.6839	89.9803	-529.0	OJC	3.89	-0.55	0.87	0.0	0.0	4.448	1150.	43.	18.	757.6	24.8	1
1184	10	620	37.6845	89.9804	-527.0	OJC	4.03	-0.26	0.85	0.0	0.0	4.759	1139.	46.	18.	757.6	24.7	1
1185	10	628	37.6850	89.9804	-525.7	OJC	5.94	-0.06	0.77	0.0	0.0	7.692	1156.	43.	11.	757.6	24.7	1
1186	10	660	37.6855	89.9805	-522.2	OJC	4.84	1.85	0.49	0.0	0.0	9.775	1253.	36.	12.	758.1	24.6	1
1187	10	684	37.6861	89.9805	-520.2	OJC	7.59	-1.34	0.95	0.0	0.0	7.969	1269.	41.	14.	758.1	24.6	1
1188	10	668	37.6866	89.9805	-517.7	OJC	4.32	1.72	1.02	0.0	0.0	4.247	1315.	40.	7.	758.1	24.6	1
1189	10	628	37.6871	89.9806	-515.7	OJC	4.82	2.04	0.60	0.0	0.0	8.092	1126.	41.	10.	758.7	24.5	1
1190	10	624	37.6877	89.9806	-515.0	OJC	2.78	1.57	0.90	0.0	0.0	3.095	1071.	45.	7.	758.7	24.5	1
1191	10	624	37.6882	89.9807	-514.5	OJC	3.12	0.78	1.09	0.0	0.0	2.859	1067.	49.	8.	759.2	24.5	1
1192	10	628	37.6888	89.9807	-514.0	OJC	4.03	0.02	0.91	0.0	0.0	4.430	1041.	37.	9.	757.6	24.5	1
1193	0	624	37.6893	89.9808	-511.5	OJC	3.37	3.67	0.64	1.088	5.778	5.310	1003.	43.	5.	755.5	24.5	1
1194	0	628	37.6899	89.9808	-512.7	OJC	2.21	3.13	0.69	1.421	4.546	3.200	958.	45.	0.	757.6	24.5	1
1195	0	656	37.6904	89.9808	-512.7	OJC	3.52	2.41	0.96	0.685	2.508	3.659	1073.	51.	5.	759.7	24.5	1
1196	0	684	37.6910	89.9809	-512.7	OJC	2.78	2.34	1.07	0.840	2.188	2.603	1191.	45.	10.	758.1	24.5	1
1197	0	684	37.6915	89.9809	-512.5	OJC	5.53	4.26	0.72	0.770	5.910	7.680	1256.	39.	3.	758.1	24.5	1
1198	10	684	37.6921	89.9809	-510.2	OJC	4.82	1.55	0.92	0.0	0.0	5.216	1403.	44.	13.	759.2	24.5	1
1199	10	680	37.6926	89.9809	-509.5	OJC	6.41	0.94	1.37	0.0	0.0	4.673	1579.	30.	14.	758.1	24.6	1
1200	0	676	37.6931	89.9810	-510.0	OJC	6.26	3.36	0.99	0.536	3.398	6.340	1431.	42.	9.	758.1	24.6	1
1201	10	668	37.6937	89.9810	-508.7	OJC	5.43	0.68	0.91	0.0	0.0	5.961	1407.	42.	15.	759.2	24.6	1
1202	0	652	37.6943	89.9810	-507.0	OJC	5.33	3.74	0.42	0.702	8.858	12.610	1240.	41.	9.	758.1	24.6	1
1203	0	632	37.6949	89.9809	-506.0	OJC	6.53	2.52	0.42	0.385	6.060	15.728	1155.	34.	11.	757.6	24.6	1
1204	0	588	37.6955	89.9809	-505.2	OJC	2.89	2.20	0.65	0.760	3.380	4.448	1015.	53.	12.	758.7	24.6	1
1205	10	556	37.6960	89.9809	-502.5	OJC	3.20	1.44	0.97	0.0	0.0	3.315	1048.	44.	11.	758.7	24.5	1
1206	10	516	37.6967	89.9809	-498.5	OJC	7.09	0.54	0.59	0.0	0.0	11.938	1017.	26.	7.	757.6	24.5	1
1207	10	520	37.6972	89.9809	-495.2	OJC	2.72	1.41	0.73	0.0	0.0	3.751	941.	42.	8.	758.1	24.5	1
1208	0	584	37.6978	89.9808	-491.2	OJC	4.80	2.24	0.73	0.466	3.067	6.578	1034.	42.	6.	758.1	24.5	1
1209	10	640	37.6984	89.9808	-486.0	OJC	5.66	1.49	0.62	0.0	0.0	9.134	1183.	45.	9.	757.6	24.6	1
1210	0	624	37.6990	89.9808	-481.5	OJC	2.85	2.44	0.67	0.858	3.637	4.240	1107.	33.	9.	758.7	24.7	1
1211	10	584	37.6996	89.9808	-476.7	OJC	4.80	1.55	0.35	0.0	0.0	13.787	1005.	29.	8.	757.6	24.8	1
1212	0	576	37.7002	89.9808	-470.7	OJC	3.12	2.27	0.49	0.728	4.685	6.434	921.	36.	7.	755.5	24.8	1
1213	10	588	37.7007	89.9807	-465.7	OJC	4.58	0.32	0.71	0.0	0.0	6.415	1026.	33.	11.	757.6	24.8	1
1214	0	612	37.7013	89.9807	-461.2	OJC	1.89	3.03	0.92	1.598	3.278	2.052	1103.	49.	11.	758.7	24.9	1
1215	10	592	37.7019	89.9807	-456.2	OJC	5.07	0.53	0.80	0.0	0.0	6.341	1150.	37.	12.	757.1	24.8	1
1216	10	568	37.7025	89.9807	-452.5	OJC	5.94	1.29	0.69	0.0	0.0	8.651	1200.	31.	11.	757.1	24.8	1
1217	0	572	37.7031	89.9807	-450.7	OJC	6.94	2.96	0.41	0.427	7.275	17.036	1187.	51.	8.	757.6	25.0	1
1218	0	564	37.7037	89.9806	-448.7	OJC	5.49	3.16	0.84	0.575	3.749	6.515	1301.	36.	7.	757.6	24.9	1
1219	10	568	37.7042	89.9806	-446.7	OJC	6.75	0.26	1.05	0.0	0.0	6.440	1384.	40.	11.	757.6	24.8	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1220	0	580	37.7048	89.9806	-445.7	OJC	5.94	3.17	0.83	0.533	3.810	7.152	1377.	35.	4.	757.1	24.7	1
1221	0	572	37.7054	89.9805	-443.7	OJC	6.70	2.93	1.12	0.436	2.614	5.988	1390.	30.	10.	757.1	24.6	1
1222	0	560	37.7060	89.9805	-442.2	OJC	3.71	4.37	0.80	1.178	5.471	4.644	1373.	41.	7.	757.6	24.6	1
1223	10	536	37.7066	89.9805	-440.2	OJC	4.41	1.39	1.17	0.0	0.0	3.753	1445.	29.	12.	757.6	24.5	1
1224	0	496	37.7072	89.9805	-442.0	OJC	4.54	2.11	0.98	0.466	2.157	4.632	1359.	32.	10.	757.6	24.5	1
1225	10	456	37.7077	89.9805	-443.0	OJC	5.65	1.23	0.74	0.0	0.0	7.678	1205.	56.	6.	758.1	24.5	1
1226	0	448	37.7084	89.9804	-442.7	OJC	5.99	2.40	0.94	0.400	2.552	6.375	1352.	24.	6.	758.1	24.6	1
1227	10	456	37.7089	89.9804	-445.0	OJC	7.09	1.23	0.99	0.0	0.0	7.146	1420.	36.	10.	758.1	24.6	1
1228	10	456	37.7095	89.9804	-447.2	OJC	7.24	1.38	1.03	0.0	0.0	7.060	1451.	41.	10.	758.7	24.7	1
1229	0	488	37.7101	89.9804	-450.0	OJC	4.73	1.85	1.21	0.392	1.538	3.923	1499.	43.	12.	758.7	24.7	1
1230	0	508	37.7107	89.9804	-451.5	OJC	4.59	1.90	1.22	0.413	1.559	3.775	1536.	36.	12.	758.7	24.7	1
1231	10	468	37.7113	89.9803	-454.0	OJC	4.91	1.08	0.97	0.0	0.0	5.057	1342.	44.	12.	758.7	24.7	1
1232	10	456	37.7119	89.9803	-457.0	OJC	4.95	1.08	1.12	0.0	0.0	4.422	1400.	37.	13.	759.2	24.7	1
1233	0	460	37.7124	89.9804	-458.7	OJC	4.51	2.91	0.90	0.646	3.244	5.025	1380.	46.	9.	759.2	24.7	1
1234	10	464	37.7130	89.9803	-460.5	OJC	6.26	1.11	1.21	0.0	0.0	5.159	1340.	40.	8.	759.7	24.7	1
1235	0	476	37.7136	89.9803	-460.2	OJC	6.26	3.42	0.88	0.546	3.877	7.096	1395.	48.	11.	759.7	24.7	1
1236	10	468	37.7142	89.9802	-462.0	OJC	6.23	0.90	0.91	0.0	0.0	6.845	1392.	37.	8.	759.7	24.7	1
1237	0	460	37.7148	89.9802	-464.2	OJC	5.56	2.91	1.02	0.522	2.861	5.475	1431.	49.	8.	759.7	24.7	1
1238	10	468	37.7153	89.9803	-466.0	OJC	5.38	1.60	0.91	0.0	0.0	5.894	1418.	41.	10.	759.7	24.7	1
1239	0	436	37.7159	89.9802	-466.5	OJC	5.07	3.27	0.95	0.645	3.424	5.310	1369.	45.	10.	759.2	24.7	1
1240	10	440	37.7165	89.9802	-469.2	OJC	7.06	0.91	0.93	0.0	0.0	7.615	1338.	49.	11.	759.7	24.8	1
1241	0	456	37.7171	89.9802	-470.0	OJC	5.75	3.15	0.78	0.548	4.055	7.394	1345.	37.	12.	760.2	24.7	1
1242	10	456	37.7177	89.9802	-470.0	OJC	4.90	1.49	1.02	0.0	0.0	4.786	1367.	31.	13.	760.2	24.7	1
1243	0	428	37.7183	89.9802	-471.5	OJC	4.03	1.77	0.64	0.441	2.778	6.303	1123.	40.	8.	760.7	24.7	1
1244	0	412	37.7189	89.9801	-475.0	OJC	5.58	3.16	0.49	0.566	6.488	11.467	1199.	32.	6.	760.7	24.8	1
1245	0	412	37.7194	89.9801	-476.2	OJC	5.35	1.99	0.68	0.373	2.930	7.863	1131.	36.	4.	759.7	24.8	1
1246	0	424	37.7200	89.9801	-478.5	OJC	2.70	3.49	0.64	1.291	5.460	4.228	1002.	32.	6.	759.7	24.9	1
1247	0	436	37.7206	89.9801	-479.0	OJC	2.70	2.33	0.49	0.861	4.702	5.463	943.	44.	6.	759.2	24.9	1
1248	0	468	37.7212	89.9801	-481.0	OJC	4.51	2.15	0.67	0.477	3.190	6.691	1025.	39.	3.	759.7	25.0	1
1249	0	528	37.7218	89.9800	-486.0	OJC	3.69	1.78	0.82	0.483	2.180	4.513	1042.	37.	1.	760.2	25.1	1
1250	0	564	37.7224	89.9800	-491.2	OJC	2.61	3.24	0.61	1.240	5.349	4.314	1086.	40.	0.	759.7	25.1	1
1251	0	540	37.7229	89.9800	-494.2	OJC	7.06	1.72	0.61	0.244	2.833	11.597	1099.	39.	2.	759.7	25.1	1
1252	10	512	37.7235	89.9799	-497.0	OJC	4.82	1.26	0.60	0.0	0.0	7.987	1039.	36.	3.	759.7	25.0	1
1253	0	500	37.7241	89.9799	-503.5	OJC	5.70	1.79	0.63	0.314	2.855	9.098	1164.	51.	3.	759.2	25.0	1
1254	0	472	37.7247	89.9799	-509.2	OJC	5.75	1.73	0.73	0.301	2.380	7.919	1142.	37.	4.	758.7	25.0	1
1255	10	472	37.7253	89.9799	-514.2	OJC	3.95	1.21	1.03	0.0	0.0	3.848	1222.	31.	6.	759.2	24.9	1
1256	0	488	37.7259	89.9799	-521.0	OJC	4.76	3.61	0.78	0.757	4.607	6.083	1267.	26.	7.	760.2	24.8	1
1257	10	484	37.7265	89.9798	-526.7	OJC	5.44	0.47	1.01	0.0	0.0	5.402	1278.	38.	7.	759.7	24.8	1
1258	0	500	37.7271	89.9798	-532.7	OJC	4.88	2.61	0.81	0.535	3.227	6.034	1324.	39.	8.	759.2	24.8	1
1259	0	492	37.7276	89.9798	-539.5	OJC	5.70	1.77	1.01	0.310	1.751	5.641	1240.	49.	6.	759.2	24.8	1
1260	10	512	37.7282	89.9798	-545.7	OJC	4.71	1.29	0.90	0.0	0.0	5.235	1214.	39.	7.	759.2	24.8	1
1261	10	544	37.7288	89.9798	-551.5	OJC	5.43	1.54	0.79	0.0	0.0	6.857	1184.	33.	5.	759.2	24.8	1
1262	10	568	37.7294	89.9797	-558.2	OJC	5.16	1.18	0.63	0.0	0.0	8.222	1166.	43.	6.	759.2	24.8	1
1263	0	540	37.7300	89.9797	-567.0	OJC	2.54	1.90	0.62	0.749	3.091	4.124	1062.	38.	8.	758.7	24.6	1
1264	0	544	37.7305	89.9797	-571.7	OJC	3.63	2.17	0.55	0.597	3.922	6.569	1046.	32.	8.	759.7	24.7	1
1265	10	560	37.7311	89.9797	-578.7	OJC	4.91	1.25	0.95	0.0	0.0	5.180	1096.	43.	6.	760.2	24.6	1
1266	0	604	37.7317	89.9797	-584.0	OJC	4.80	2.06	0.62	0.430	3.334	7.763	1089.	34.	10.	759.7	24.6	1
1267	0	624	37.7323	89.9796	-589.5	OJC	5.27	3.70	0.67	0.702	5.489	7.820	1162.	30.	7.	759.7	24.6	1
1268	10	628	37.7329	89.9796	-596.5	OJC	7.14	1.65	0.80	0.0	0.0	8.919	1164.	23.	7.	759.7	24.6	1
1269	0	584	37.7335	89.9796	-602.2	OJC	4.89	2.50	0.70	0.511	3.587	7.019	1092.	40.	3.	759.7	24.6	1
1270	0	508	37.7341	89.9796	-610.0	OJC	4.62	3.65	0.40	0.790	9.109	11.528	956.	31.	0.	759.2	24.7	1
1271	0	496	37.7346	89.9796	-614.7	OJC	3.60	2.82	0.30	0.784	9.400	11.992	964.	42.	0.	759.7	24.7	1
1272	0	496	37.7352	89.9795	-621.5	OJC	4.73	3.20	0.49	0.676	6.546	9.685	1045.	31.	0.	760.2	24.8	1

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TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1273	0	496	37.7358	89.9795	-627.2	OJC	5.57	2.93	0.60	0.526	4.883	9.274	1092.	40.	0.	759.7	24.8	1
1274	10	512	37.7364	89.9795	-632.5	OJC	3.53	1.13	0.94	0.0	0.0	3.765	1080.	34.	3.	759.7	24.8	1
1275	0	500	37.7370	89.9795	-638.7	OJC	3.21	3.92	0.89	1.222	4.424	3.622	1134.	43.	0.	759.7	24.7	1
1276	0	496	37.7375	89.9795	-645.7	OJC	6.34	3.28	0.66	0.517	4.986	9.639	1258.	33.	4.	759.7	24.7	1
1277	0	512	37.7381	89.9795	-651.0	OJC	4.06	2.17	1.10	0.536	1.983	3.702	1464.	29.	7.	760.2	24.7	1
1278	10	496	37.7387	89.9795	-656.2	OJC	4.92	-0.82	1.45	0.0	0.0	3.401	1315.	53.	9.	759.7	24.7	1
1279	10	508	37.7393	89.9795	-661.5	OJC	4.94	0.38	1.42	0.0	0.0	3.489	1441.	45.	11.	759.2	24.8	1
1280	10	524	37.7399	89.9795	-666.2	OJC	5.98	-0.18	1.25	0.0	0.0	4.780	1421.	48.	12.	759.2	24.8	1
1281	0	536	37.7404	89.9795	-672.7	OJC	5.48	2.67	0.82	0.486	3.247	6.680	1314.	35.	9.	759.7	24.7	1
1282	10	548	37.7410	89.9796	-677.7	OJC	3.33	0.87	1.02	0.0	0.0	3.259	1229.	39.	15.	759.7	24.7	1
1283	0	556	37.7416	89.9796	-682.5	OJC	6.59	2.96	0.72	0.449	4.134	9.206	1299.	30.	9.	759.7	24.7	1
1284	0	560	37.7421	89.9796	-687.7	OJC	3.99	3.66	0.84	0.918	4.382	4.773	1157.	40.	6.	759.7	24.8	1
1285	10	584	37.7427	89.9796	-693.2	OJC	7.22	-0.37	0.90	0.0	0.0	8.035	1176.	34.	9.	759.7	24.7	1
1286	0	584	37.7432	89.9797	-697.0	OJC	5.70	2.44	0.66	0.427	3.688	8.628	1163.	40.	4.	759.2	24.7	1
1287	0	568	37.7438	89.9797	-701.0	OJC	4.07	1.66	0.62	0.408	2.674	6.548	1092.	27.	4.	758.7	24.7	1
1288	0	576	37.7444	89.9797	-706.5	OJC	4.77	3.39	0.67	0.711	5.048	7.097	1187.	41.	1.	759.2	24.7	1
1289	0	552	37.7449	89.9797	-709.5	OJC	4.48	2.35	0.63	0.526	3.739	7.116	1096.	38.	4.	759.7	24.7	1
1290	0	532	37.7455	89.9797	-713.2	OJC	4.49	3.43	0.40	0.765	8.614	11.266	1075.	42.	4.	759.7	24.7	1
1291	0	536	37.7460	89.9798	-716.5	OJC	2.53	2.98	0.94	1.181	3.189	2.700	1118.	52.	3.	759.7	24.7	1
1292	0	540	37.7466	89.9798	-719.0	OJC	3.81	4.00	0.87	1.049	4.619	4.405	1233.	35.	4.	758.7	24.7	1
1293	10	528	37.7472	89.9798	-721.2	OJC	5.00	0.27	1.06	0.0	0.0	4.713	1212.	45.	4.	759.2	24.7	1
1294	0	528	37.7478	89.9798	-723.7	OJC	5.41	3.33	0.78	0.616	4.275	6.938	1258.	30.	1.	759.7	24.7	1
1295	0	556	37.7483	89.9799	-725.7	OJC	6.67	2.57	1.08	0.385	2.382	6.184	1263.	37.	5.	759.2	24.7	1
1296	0	548	37.7489	89.9799	-727.2	OJC	2.54	2.89	0.91	1.140	3.164	2.776	1217.	38.	8.	759.7	24.7	1
1297	10	552	37.7495	89.9799	-728.0	OJC	4.39	1.55	1.02	0.0	0.0	4.308	1256.	28.	11.	760.7	24.6	1
1298	0	536	37.7500	89.9799	-728.2	OJC	3.93	1.88	0.82	0.479	2.302	4.810	1243.	40.	8.	759.7	24.6	1
1299	0	512	37.7505	89.9800	-729.5	OJC	5.21	1.99	0.88	0.382	2.267	5.937	1173.	38.	8.	759.7	24.6	1
1300	10	504	37.7511	89.9800	-728.2	OJC	2.27	0.83	0.87	0.0	0.0	2.605	1125.	44.	12.	760.2	24.6	1
1301	10	512	37.7517	89.9800	-728.0	OJC	3.57	1.23	0.99	0.0	0.0	3.610	1185.	35.	11.	759.7	24.6	1
1302	10	528	37.7523	89.9801	-729.0	OJC	4.48	1.16	0.72	0.0	0.0	6.203	1136.	39.	10.	760.2	24.6	1
1303	10	564	37.7529	89.9801	-729.2	OJC	4.16	1.30	0.93	0.0	0.0	4.472	1143.	53.	11.	760.7	24.6	1
1304	0	584	37.7534	89.9801	-728.5	OJC	4.58	3.17	0.71	0.693	4.483	6.472	1183.	46.	11.	760.7	24.6	1
1305	0	568	37.7539	89.9801	-728.0	OJC	5.41	2.52	0.62	0.466	4.093	8.780	1319.	29.	8.	760.7	24.6	1
1306	0	556	37.7545	89.9801	-728.0	OJC	3.09	2.32	0.73	0.752	3.199	4.254	1065.	42.	9.	760.7	24.7	1
1307	10	584	37.7551	89.9802	-726.5	OJC	3.59	0.95	0.61	0.0	0.0	5.433	1164.	33.	7.	760.2	24.7	1
1308	0	644	37.7557	89.9802	-726.7	OJC	4.66	4.90	0.54	1.051	9.142	8.702	1248.	40.	0.	760.7	24.7	1
1309	10	680	37.7562	89.9802	-726.2	OJC	7.24	1.52	1.20	0.0	0.0	6.052	1331.	42.	7.	760.2	24.7	1
1310	0	676	37.7568	89.9802	-725.2	OJC	3.41	4.34	0.69	1.272	6.270	4.930	1269.	35.	10.	760.2	24.7	1
1311	0	656	37.7573	89.9802	-724.7	OJC	5.79	2.45	0.67	0.423	3.637	8.596	1251.	32.	10.	760.7	24.7	1
1312	0	600	37.7579	89.9803	-724.5	OJC	3.68	2.55	0.87	0.695	2.932	4.221	1155.	38.	7.	760.7	24.8	1
1313	10	564	37.7585	89.9803	-723.0	OJC	2.69	1.22	0.77	0.0	0.0	3.508	994.	34.	7.	760.7	24.7	1
1314	10	544	37.7590	89.9803	-721.5	OJC	3.79	-0.13	0.98	0.0	0.0	3.884	1064.	39.	9.	761.2	24.7	1
1315	10	504	37.7596	89.9803	-720.5	OJC	2.83	1.45	0.91	0.0	0.0	3.099	981.	39.	6.	761.2	24.7	1
1316	10	492	37.7602	89.9803	-720.0	OJC	3.43	0.13	0.91	0.0	0.0	3.751	984.	48.	4.	760.7	24.7	1
1317	10	500	37.7608	89.9804	-719.0	OJC	5.02	0.10	0.79	0.0	0.0	6.317	1029.	33.	9.	761.2	24.7	1
1318	0	512	37.7613	89.9804	-716.7	OJC	3.14	2.30	0.74	0.735	3.101	4.219	1122.	29.	9.	761.2	24.7	1
1319	10	512	37.7619	89.9804	-715.7	OJC	5.07	0.73	0.84	0.0	0.0	6.067	1058.	27.	9.	761.2	24.7	1
1320	10	496	37.7624	89.9804	-713.0	OJC	4.01	0.25	0.86	0.0	0.0	4.681	1020.	38.	10.	760.7	24.7	1
1321	0	492	37.7630	89.9805	-710.5	OJC	2.74	2.34	0.64	0.854	3.667	4.292	972.	34.	10.	760.2	24.8	1
1322	10	540	37.7636	89.9805	-710.0	OJC	3.72	1.44	0.72	0.0	0.0	5.142	1121.	44.	11.	759.7	24.8	1
1323	10	564	37.7642	89.9805	-707.7	OJC	4.26	0.83	0.73	0.0	0.0	5.825	1121.	30.	11.	759.2	24.8	1
1324	10	520	37.7647	89.9805	-705.5	OJC	5.90	-0.24	0.79	0.0	0.0	7.480	1138.	39.	13.	759.7	24.8	1
1325	0	520	37.7652	89.9807	-704.0	OJC	4.68	2.25	0.68	0.481	3.326	6.918	1192.	38.	13.	759.7	24.8	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1326	10	508	37.7658	89.9807	-701.5	OSE-1	3.25	0.99	0.74	0.0	0.0	4.368	1111.	33.	16.	759.7	24.9	1
1327	10	508	37.7664	89.9807	-700.0	OSE-1	5.86	0.49	0.69	0.0	0.0	8.447	1044.	48.	13.	759.7	24.9	1
1328	0	552	37.7670	89.9807	-697.5	OSE-1	2.45	2.56	0.55	1.047	4.635	4.426	1051.	39.	15.	759.7	24.9	1
1329	0	600	37.7675	89.9807	-697.2	OSE-1	4.14	3.10	0.60	0.750	5.166	6.890	1166.	46.	11.	759.2	24.8	1
1330	10	604	37.7681	89.9808	-693.5	OSE-1	6.05	0.69	0.80	0.0	0.0	7.545	1118.	33.	9.	758.7	24.8	1
1331	0	604	37.7687	89.9808	-690.7	OSE-1	3.46	4.88	0.34	1.409	14.211	10.083	1169.	44.	10.	759.2	24.7	1
1332	10	632	37.7692	89.9808	-689.5	OSE-1	4.63	0.61	1.01	0.0	0.0	4.592	1265.	42.	18.	759.2	24.7	1
1333	0	652	37.7698	89.9808	-686.7	OSE-1	2.07	2.54	0.57	1.229	4.442	3.614	1149.	47.	15.	759.2	24.7	1
1334	10	656	37.7703	89.9809	-683.7	OSE-1	5.45	-0.32	0.87	0.0	0.0	6.289	1116.	40.	15.	759.7	24.7	1
1335	10	660	37.7709	89.9809	-683.2	OJC	4.73	0.21	0.97	0.0	0.0	4.884	1159.	46.	18.	759.7	24.7	1
1336	10	648	37.7715	89.9809	-680.7	OJC	5.05	-0.86	0.69	0.0	0.0	7.341	1078.	39.	15.	759.2	24.6	1
1337	10	624	37.7720	89.9809	-677.5	OJC	2.30	0.57	0.69	0.0	0.0	3.333	1016.	46.	15.	759.7	24.6	1
1338	10	608	37.7726	89.9809	-674.0	OJC	2.97	0.70	0.58	0.0	0.0	5.127	994.	49.	14.	759.7	24.7	1
1339	10	588	37.7731	89.9810	-672.0	OJC	3.97	-1.25	0.71	0.0	0.0	5.572	978.	44.	13.	759.7	24.7	1
1340	0	552	37.7737	89.9810	-670.2	OJC	2.00	2.06	0.54	1.030	3.845	3.734	918.	40.	10.	759.7	24.7	1
1341	10	572	37.7743	89.9810	-668.2	OJC	1.93	1.39	0.68	0.0	0.0	2.861	1041.	39.	12.	760.2	24.7	1
1342	10	580	37.7749	89.9810	-666.2	OJC	3.33	-0.17	1.27	0.0	0.0	2.616	1107.	48.	11.	759.7	24.7	1
1343	10	612	37.7754	89.9810	-664.2	OJC	4.14	1.97	0.74	0.0	0.0	5.565	1112.	39.	9.	759.2	24.7	1
1344	0	628	37.7760	89.9811	-661.7	OJC	2.65	1.95	0.71	0.737	2.739	3.718	1205.	30.	8.	759.7	24.7	1
1345	10	676	37.7765	89.9811	-658.5	OJC	4.34	2.41	0.73	0.0	0.0	5.960	1328.	38.	13.	759.7	24.7	1
1346	1010	716	37.7771	89.9811	-655.5	OJC	4.81	0.72	0.91	0.0	0.0	5.281	1361.	46.	15.	759.7	24.7	1
1347	1010	716	37.7777	89.9812	-654.0	OJC	5.00	1.39	0.63	0.0	0.0	7.948	1277.	54.	12.	759.7	24.7	1
1348	1010	716	37.7782	89.9812	-650.7	OJC	3.73	2.16	1.10	0.0	0.0	3.403	1378.	29.	16.	760.2	24.7	1
1349	1010	712	37.7788	89.9812	-651.7	OJC	7.87	1.11	0.82	0.0	0.0	9.587	1385.	33.	17.	760.7	24.7	1
1350	1010	712	37.7794	89.9812	-650.7	OJC	5.11	1.08	0.58	0.0	0.0	8.869	1380.	35.	15.	760.2	24.7	1
1351	10	704	37.7800	89.9812	-649.2	OJC	4.28	-0.51	0.87	0.0	0.0	4.941	1275.	46.	17.	760.7	24.7	1
1352	10	700	37.7805	89.9812	-650.0	OSE-1	3.21	-0.74	0.95	0.0	0.0	3.397	1083.	47.	17.	760.7	24.7	1
1353	10	696	37.7811	89.9813	-649.5	OSE-1	3.16	1.16	1.23	0.0	0.0	2.575	1267.	37.	15.	760.7	24.7	1
1354	0	688	37.7816	89.9813	-649.7	OSE-1	1.97	3.05	0.49	1.545	6.272	4.058	1111.	37.	16.	760.2	24.7	1
1355	10	672	37.7822	89.9813	-652.7	OSE-1	5.35	0.96	0.69	0.0	0.0	7.724	1215.	28.	15.	761.8	24.6	1
1356	10	564	37.7828	89.9814	-654.0	OSE-1	5.00	-0.55	0.84	0.0	0.0	5.980	942.	34.	11.	762.3	24.7	1
1357	10	520	37.7834	89.9814	-655.0	OSE-1	2.40	0.92	0.75	0.0	0.0	3.196	922.	35.	11.	761.8	24.7	1
1358	0	504	37.7839	89.9814	-655.2	OSE-1	2.91	2.61	0.37	0.898	6.970	7.759	885.	44.	7.	761.8	24.7	1
1359	10	500	37.7844	89.9814	-659.0	OSE-1	2.86	1.39	0.51	0.0	0.0	5.655	851.	46.	10.	761.8	24.7	1
1360	10	500	37.7850	89.9815	-661.7	OSE-1	2.70	0.69	0.60	0.0	0.0	4.519	893.	35.	7.	761.8	24.8	1
1361	0	516	37.7856	89.9815	-662.2	OSE-1	3.32	1.75	0.67	0.527	2.597	4.925	997.	44.	10.	762.3	24.8	1
1362	0	548	37.7862	89.9815	-665.7	OJC	4.97	1.77	0.94	0.357	1.879	5.264	1201.	27.	7.	762.8	24.8	1
1363	10	556	37.7867	89.9815	-667.5	OJC	4.11	1.51	1.13	0.0	0.0	3.629	1197.	31.	5.	762.3	24.8	1
1364	0	564	37.7873	89.9815	-670.2	OJC	4.19	3.14	1.31	0.748	2.402	3.212	1334.	31.	1.	761.8	24.8	1
1365	0	560	37.7879	89.9816	-674.2	OJC	4.44	1.84	1.01	0.414	1.813	4.377	1281.	29.	8.	762.8	24.9	1
1366	10	536	37.7884	89.9816	-677.7	OJC	6.13	1.73	1.08	0.0	0.0	5.670	1236.	22.	8.	762.3	25.0	1
1367	0	524	37.7890	89.9816	-679.2	OJC	5.27	2.03	0.71	0.386	2.841	7.367	1219.	42.	8.	761.2	25.0	1
1368	10	540	37.7896	89.9816	-682.7	OJC	6.37	1.23	0.70	0.0	0.0	9.047	1315.	29.	8.	762.8	25.0	1
1369	0	548	37.7901	89.9817	-685.5	OSE-2	8.05	2.40	0.99	0.299	2.423	8.111	1430.	38.	7.	763.3	24.9	1
1370	0	552	37.7907	89.9817	-687.5	OSE-2	8.98	2.45	1.21	0.273	2.035	7.450	1440.	34.	9.	761.8	24.9	1
1371	0	564	37.7912	89.9817	-689.2	OSE-2	8.07	2.27	1.09	0.281	2.074	7.379	1454.	29.	6.	761.2	24.9	1
1372	0	552	37.7918	89.9817	-693.0	OSE-2	6.52	3.40	0.81	0.522	4.183	8.009	1456.	34.	5.	762.8	24.9	1
1373	10	548	37.7924	89.9818	-694.2	OSE-2	6.60	1.11	1.05	0.0	0.0	6.261	1499.	45.	8.	762.3	24.9	1
1374	10	532	37.7929	89.9818	-697.2	OJC	6.96	1.59	1.13	0.0	0.0	6.156	1403.	52.	8.	761.8	24.9	1
1375	0	504	37.7935	89.9818	-702.7	OSE-2	6.48	5.95	0.49	0.917	12.031	13.115	1402.	39.	2.	761.8	24.9	1
1376	0	504	37.7941	89.9818	-705.2	OSE-2	5.02	4.30	0.86	0.855	4.969	5.811	1366.	54.	3.	761.8	25.0	1
1377	0	500	37.7946	89.9819	-710.5	OSE-2	7.63	2.17	0.86	0.285	2.537	8.899	1462.	43.	0.	761.8	25.0	1
1378	0	536	37.7952	89.9819	-715.2	OSE-2	6.18	3.95	1.22	0.639	3.247	5.083	1558.	43.	8.	762.3	25.0	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1379	10	528	37.7957	89.9819	-721.0	OSE-2	7.81	1.72	1.47	0.0	0.0	5.314	1663.	39.	5.	763.3	25.0	1
1380	10	512	37.7963	89.9819	-726.2	OSE-2	10.43	0.81	0.88	0.0	0.0	11.876	1521.	44.	5.	762.8	25.0	1
1381	0	504	37.7969	89.9819	-733.2	OSE-2	7.72	2.45	1.27	0.317	1.930	6.081	1580.	33.	5.	761.8	25.1	1
1382	0	504	37.7974	89.9820	-742.2	OSE-2	6.15	2.85	1.11	0.464	2.569	5.533	1463.	39.	4.	762.8	25.1	1
1383	0	508	37.7980	89.9820	-750.5	OSE-2	6.88	2.34	1.45	0.340	1.607	4.732	1456.	48.	4.	762.3	25.0	1
1384	0	504	37.7986	89.9820	-758.5	OSE-2	6.17	4.36	0.90	0.706	4.842	6.854	1455.	34.	3.	761.8	25.0	1
1385	10	504	37.7992	89.9820	-769.0	OSE-2	6.86	1.56	1.02	0.0	0.0	6.699	1332.	39.	4.	762.3	25.0	1
1386	0	528	37.7997	89.9821	-781.0	OSE-2	6.90	1.82	1.01	0.264	1.812	6.868	1253.	49.	6.	762.8	25.0	1
1387	0	532	37.8002	89.9821	-793.0	OSE-2	4.27	1.78	0.84	0.418	2.132	5.104	1249.	49.	3.	762.8	25.1	1
1388	0	520	37.8008	89.9821	-804.2	OSE-2	5.64	1.87	1.00	0.331	1.866	5.635	1275.	32.	9.	762.3	25.1	1
1389	0	524	37.8014	89.9821	-820.7	OSE-2	5.59	2.40	1.01	0.430	2.384	5.545	1318.	41.	7.	762.8	25.1	1
1390	0	516	37.8020	89.9821	-837.5	OSE-2	4.54	2.41	0.85	0.530	2.818	5.315	1286.	36.	8.	762.3	25.1	1
1391	0	504	37.8026	89.9822	-851.5	OSE-2	6.12	2.42	0.81	0.396	3.003	7.586	1363.	40.	8.	762.8	25.1	1
1392	10	496	37.8031	89.9822	-867.0	OSE-2	8.01	1.15	0.79	0.0	0.0	10.148	1372.	41.	9.	763.3	25.1	1
1393	10	500	37.8036	89.9822	-884.2	OSE-2	4.88	0.34	0.98	0.0	0.0	4.964	1360.	38.	11.	762.8	25.1	1
1394	10	504	37.8042	89.9822	-902.2	OSE-2	7.62	1.42	0.91	0.0	0.0	8.353	1300.	35.	9.	762.8	25.1	1
1395	10	512	37.8048	89.9824	-918.5	OSE-2	5.30	1.07	1.14	0.0	0.0	4.626	1209.	44.	9.	763.3	25.2	1
1396	0	508	37.8054	89.9824	-935.2	OSE-2	5.76	2.83	0.53	0.492	5.329	10.832	1230.	36.	7.	763.8	25.2	1
1397	10	496	37.8059	89.9824	-951.5	OSE-2	3.81	1.19	0.68	0.0	0.0	5.638	1090.	37.	11.	763.3	25.2	1
1398	0	484	37.8065	89.9824	-970.7	OSE-2	5.25	1.77	0.70	0.337	2.529	7.505	1063.	35.	4.	763.3	25.2	1
1399	0	512	37.8070	89.9824	-989.2	OSE-2	7.78	2.22	0.58	0.285	3.803	13.327	1177.	33.	7.	763.8	25.2	1
1400	10	520	37.8076	89.9824	-1005.5	OJC	6.69	1.06	0.87	0.0	0.0	7.714	1232.	41.	10.	763.3	25.1	1
1401	10	504	37.8083	89.9824	-1021.7	OJC	4.15	1.19	1.18	0.0	0.0	3.523	1364.	46.	8.	762.8	25.1	1
1402	0	492	37.8089	89.9824	-1036.2	OJC	6.40	1.87	0.94	0.292	1.986	6.795	1306.	34.	5.	764.3	25.2	1
1403	0	464	37.8095	89.9824	-1052.7	OJC	6.96	1.90	0.87	0.273	2.174	7.967	1253.	38.	2.	763.8	25.1	1
1404	0	444	37.8100	89.9824	-1067.5	OJC	4.32	3.18	0.67	0.736	4.750	6.451	1198.	30.	0.	763.8	25.2	1
1405	10	436	37.8107	89.9824	-1079.0	OJC	5.90	0.83	0.74	0.0	0.0	7.984	1093.	34.	0.	763.8	25.2	1
1406	0	436	37.8113	89.9823	-1090.2	OJC	2.44	2.18	0.72	0.891	3.010	3.377	973.	40.	1.	763.8	25.2	1
1407	0	440	37.8119	89.9823	-1100.7	OJC	4.13	2.41	0.67	0.584	3.613	6.184	1013.	38.	3.	764.3	25.2	1
1408	0	420	37.8125	89.9823	-1109.5	OJC	4.48	2.47	0.42	0.551	5.888	10.683	934.	43.	0.	764.3	25.2	1
1409	0	412	37.8131	89.9823	-1119.0	OJC	2.53	2.17	0.57	0.859	3.786	4.409	1008.	35.	7.	763.8	25.2	1
1410	0	392	37.8137	89.9822	-1125.5	OJC	3.66	2.13	0.58	0.581	3.647	6.281	999.	37.	4.	764.9	25.3	1
1411	10	368	37.8143	89.9822	-1132.7	OJC	4.60	0.94	0.79	0.0	0.0	5.858	1124.	31.	6.	764.9	25.3	1
1412	0	368	37.8149	89.9822	-1137.7	OJC	3.99	2.20	0.96	0.551	2.290	4.155	1135.	40.	4.	764.3	25.4	1
1413	0	396	37.8155	89.9822	-1140.7	OJC	5.62	2.45	1.06	0.436	2.307	5.293	1380.	36.	3.	764.9	25.4	1
1414	10	392	37.8161	89.9822	-1143.0	OJC	7.61	1.19	1.17	0.0	0.0	6.503	1423.	45.	8.	765.4	25.5	1
1415	10	380	37.8167	89.9822	-1146.7	OJC	9.18	0.66	0.99	0.0	0.0	9.315	1507.	39.	7.	764.9	25.5	1
1416	0	380	37.8174	89.9822	-1146.7	OSE-2	6.99	2.61	1.34	0.373	1.940	5.199	1625.	38.	6.	764.9	25.5	1
1417	0	384	37.8179	89.9821	-1147.0	OSE-2	7.73	2.10	1.24	0.272	1.695	6.239	1556.	41.	0.	764.9	25.4	1
1418	0	392	37.8185	89.9821	-1148.2	OSE-2	6.84	3.66	1.31	0.535	2.799	5.235	1643.	37.	4.	764.3	25.3	1
1419	0	404	37.8191	89.9822	-1149.5	OSE-2	7.03	2.58	1.00	0.367	2.584	7.033	1527.	38.	5.	764.9	25.4	1
1420	0	412	37.8197	89.9821	-1150.2	OSE-2	5.45	1.93	0.99	0.354	1.951	5.517	1289.	46.	10.	765.9	25.4	1
1421	0	416	37.8203	89.9821	-1152.2	OSE-1	3.27	2.26	0.74	0.693	3.078	4.442	1221.	45.	7.	764.9	25.3	1
1422	10	408	37.8210	89.9821	-1152.0	OSE-1	5.25	0.65	0.88	0.0	0.0	5.998	1027.	40.	10.	764.9	25.3	1
1423	0	432	37.8215	89.9821	-1152.7	OSE-1	1.99	1.56	0.83	0.786	1.874	2.385	1054.	35.	13.	764.9	25.3	1
1424	0	420	37.8222	89.9821	-1152.2	OSE-1	4.67	1.68	0.64	0.360	2.626	7.296	1045.	33.	12.	765.4	25.4	1
1425	10	412	37.8227	89.9821	-1152.0	OSE-1	4.13	-0.36	0.96	0.0	0.0	4.313	1035.	49.	17.	765.4	25.3	1
1426	0	416	37.8233	89.9821	-1151.5	OSE-1	3.22	2.64	0.97	0.819	2.726	3.328	1153.	50.	10.	765.4	25.4	1
1427	0	460	37.8240	89.9820	-1152.0	OSE-1	4.76	1.72	0.82	0.362	2.115	5.844	1198.	37.	17.	765.9	25.4	1
1428	10	460	37.8246	89.9820	-1150.0	OSE-1	6.15	1.35	0.87	0.0	0.0	7.075	1325.	28.	12.	765.4	25.4	1
1429	10	460	37.8252	89.9820	-1148.5	OSE-1	4.91	0.82	1.12	0.0	0.0	4.368	1291.	44.	10.	764.9	25.4	1
1430	10	460	37.8258	89.9820	-1149.2	OSE-1	3.39	0.41	1.05	0.0	0.0	3.230	1162.	47.	10.	765.9	25.4	1
1431	0	464	37.8264	89.9820	-1149.7	OSE-2	3.85	2.17	0.78	0.566	2.773	4.903	1125.	45.	9.	764.3	25.4	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1432	0	516	37.8270	89.9820	-1148.5		OJC	5.12	2.81	1.28	0.550	2.199	3.998	1294.	37.	4.	764.3	25.4	1
1433	0	512	37.8276	89.9820	-1148.0		OJC	4.81	2.01	0.86	0.417	2.327	5.576	1301.	42.	7.	765.9	25.4	1
1434	10	504	37.8282	89.9819	-1146.5		OJC	7.22	0.94	1.31	0.0	0.0	5.524	1519.	30.	5.	764.9	25.4	1
1435	0	492	37.8288	89.9819	-1146.2		OJC	7.55	3.01	1.17	0.399	2.566	6.429	1636.	33.	6.	765.9	25.4	1
1436	0	488	37.8294	89.9820	-1145.7		OJC	8.77	4.01	1.34	0.458	3.000	6.553	1627.	33.	5.	765.4	25.3	1
1437	0	492	37.8300	89.9819	-1144.2		OJC	7.44	3.61	1.22	0.486	2.967	6.110	1685.	39.	4.	764.9	25.4	1
1438	0	480	37.8306	89.9819	-1143.0		OJC	7.14	2.98	1.35	0.417	2.201	5.284	1684.	44.	3.	765.4	25.4	1
1439	0	480	37.8312	89.9819	-1140.5		DU	8.70	3.19	1.22	0.367	2.622	7.141	1624.	26.	4.	764.9	25.4	1
1440	0	484	37.8318	89.9819	-1138.2		DU	7.97	3.76	1.18	0.472	3.189	6.758	1631.	36.	3.	764.9	25.5	1
1441	0	492	37.8324	89.9819	-1136.0		DU	5.33	3.85	1.12	0.722	3.438	4.763	1650.	30.	7.	764.3	25.6	1
1442	0	504	37.8331	89.9819	-1131.0		DU	6.10	3.40	1.20	0.557	2.827	5.079	1542.	32.	5.	764.3	25.7	1
1443	0	528	37.8336	89.9819	-1128.0		DU	8.64	2.53	1.31	0.293	1.931	6.601	1567.	46.	7.	764.9	25.6	1
1444	0	544	37.8343	89.9818	-1123.2		DU	5.82	2.32	1.18	0.399	1.958	4.913	1550.	43.	7.	764.3	25.6	1
1445	10	544	37.8348	89.9818	-1119.7		DU	4.83	1.10	1.33	0.0	0.0	3.626	1579.	39.	9.	764.3	25.6	1
1446	10	560	37.8355	89.9818	-1116.7		DU	6.94	0.36	1.41	0.0	0.0	4.933	1574.	46.	11.	764.9	25.6	1
1447	10	564	37.8360	89.9818	-1111.7		DU	6.16	1.50	1.16	0.0	0.0	5.292	1517.	36.	15.	764.3	25.6	1
1448	0	568	37.8367	89.9818	-1105.0		DU	6.07	2.08	1.57	0.343	1.329	3.869	1567.	34.	11.	764.9	25.5	1
1449	10	516	37.8372	89.9818	-1098.7		DU	6.29	1.77	1.38	0.0	0.0	4.566	1473.	40.	9.	764.3	25.5	1
1450	10	528	37.8379	89.9818	-1092.0		DU	6.60	0.58	0.83	0.0	0.0	7.931	1392.	42.	12.	763.8	25.5	1
1451	10	520	37.8384	89.9817	-1086.0		DU	5.96	0.08	1.30	0.0	0.0	4.587	1450.	31.	15.	764.9	25.4	1
1452	0	520	37.8391	89.9817	-1081.5		DU	6.14	3.31	0.79	0.538	4.182	7.770	1442.	36.	13.	764.9	25.4	1
1453	10	516	37.8397	89.9817	-1073.7		DU	4.48	1.58	1.01	0.0	0.0	4.450	1362.	41.	12.	764.3	25.4	1
1454	0	516	37.8403	89.9816	-1066.2		MM	5.06	1.77	1.21	0.350	1.458	4.166	1430.	35.	9.	764.3	25.4	1
1455	0	496	37.8409	89.9816	-1060.2		MM	5.52	3.56	0.90	0.645	3.948	6.122	1338.	30.	8.	764.3	25.3	1
1456	0	484	37.8415	89.9817	-1053.5		MM	5.23	3.36	1.04	0.643	3.243	5.043	1313.	46.	7.	763.8	25.5	1
1457	0	460	37.8421	89.9817	-1046.7		MM	5.49	2.14	0.84	0.389	2.532	6.502	1267.	43.	4.	763.3	25.5	1
1458	10	388	37.8427	89.9816	-1038.7		MM	4.35	0.96	0.97	0.0	0.0	4.511	1127.	33.	9.	764.9	25.6	1
1459	0	352	37.8433	89.9816	-1031.0		MM	3.17	2.46	0.71	0.776	3.472	4.476	1164.	45.	6.	764.9	25.6	1
1460	10	372	37.8439	89.9816	-1023.5		MM	5.62	0.93	0.75	0.0	0.0	7.473	1172.	39.	10.	764.3	25.6	1
1461	0	396	37.8445	89.9816	-1015.5		MM	4.43	2.12	0.85	0.478	2.479	5.185	1236.	36.	10.	764.9	25.6	1
1462	0	456	37.8451	89.9816	-1008.2		MM	6.55	3.13	0.66	0.478	4.744	9.929	1240.	38.	9.	764.3	25.6	1
1463	10	448	37.8457	89.9816	-1000.5		MM	5.34	1.26	0.93	0.0	0.0	5.755	1266.	37.	11.	764.3	25.5	1
1464	0	440	37.8463	89.9815	-992.5		MM	5.55	2.36	0.72	0.426	3.271	7.688	1204.	42.	10.	765.4	25.6	1
1465	0	420	37.8469	89.9815	-985.2		MM	3.34	1.64	0.56	0.490	2.945	6.012	1092.	35.	9.	765.4	25.5	1
1466	10	384	37.8475	89.9815	-977.5		MM	4.37	0.51	0.93	0.0	0.0	4.697	1174.	41.	8.	765.4	25.5	1
1467	0	368	37.8481	89.9815	-967.7		MM	3.90	2.59	0.86	0.664	3.020	4.548	1220.	45.	7.	764.3	25.5	1
1468	0	368	37.8488	89.9815	-960.2		MM	4.82	3.86	0.92	0.800	4.202	5.255	1421.	30.	2.	763.8	25.5	1
1469	10	356	37.8493	89.9815	-950.0		MM	6.80	0.95	1.06	0.0	0.0	6.423	1462.	29.	7.	765.4	25.4	1
1470	0	336	37.8500	89.9815	-941.7		MM	4.92	3.30	1.08	0.672	3.058	4.551	1572.	40.	5.	764.3	25.4	1
1471	0	332	37.8505	89.9814	-934.7		MM	8.72	2.05	1.30	0.236	1.575	6.684	1711.	37.	3.	765.4	25.5	1
1472	0	340	37.8512	89.9814	-926.0		MM	7.41	2.73	1.41	0.368	1.942	5.270	1808.	41.	2.	766.4	25.5	1
1473	0	344	37.8517	89.9815	-916.7		MM	7.39	1.84	1.33	0.249	1.389	5.572	1686.	30.	7.	764.3	25.5	1
1474	0	356	37.8524	89.9815	-909.5		MM	8.34	1.96	1.56	0.235	1.255	5.338	1637.	37.	6.	764.9	25.4	1
1475	0	360	37.8529	89.9814	-899.2		MM	5.73	4.26	1.04	0.743	4.106	5.528	1599.	43.	6.	765.9	25.4	1
1476	0	332	37.8536	89.9814	-890.0		MM	4.50	2.61	0.82	0.581	3.181	5.475	1431.	40.	12.	763.3	25.3	1
1477	0	336	37.8542	89.9814	-880.2		MM	5.60	2.81	0.90	0.502	3.109	6.199	1395.	30.	10.	764.9	25.4	1
1478	10	304	37.8548	89.9814	-871.0		MM	5.33	0.72	0.98	0.0	0.0	5.442	1228.	43.	11.	765.4	25.4	1
1479	0	336	37.8554	89.9814	-861.2		MM	4.43	1.95	0.73	0.441	2.667	6.050	1199.	40.	9.	763.8	25.3	1
1480	0	380	37.8560	89.9814	-852.7		MM	4.88	3.34	0.73	0.685	4.552	6.648	1214.	39.	8.	765.4	25.4	1
1481	10	364	37.8566	89.9814	-842.2		MM	2.68	0.81	0.76	0.0	0.0	3.551	1070.	36.	8.	765.9	25.4	1
1482	0	384	37.8572	89.9813	-833.5		MM	4.41	2.76	0.58	0.625	4.739	7.576	1170.	31.	3.	764.9	25.4	1
1483	0	412	37.8578	89.9813	-823.2		MM	4.84	2.29	0.70	0.474	3.257	6.868	1062.	40.	1.	765.9	25.3	1
1484	0	440	37.8584	89.9813	-812.7		MM	3.68	2.26	0.85	0.615	2.666	4.338	1162.	39.	3.	764.9	25.4	1

*	TAGS		*	LOCATION		*			REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1485	0	404	37.8590	89.9812	-803.0		MM	3.87	2.54	1.08	0.657	2.350	3.577	1138.	33.	0.	765.4	25.5	1
1486	0	368	37.8596	89.9812	-792.2		MM	3.00	3.72	0.79	1.237	4.724	3.819	1185.	45.	2.	766.4	25.5	1
1487	0	364	37.8602	89.9812	-783.2		MM	6.17	2.46	1.04	0.399	2.365	5.922	1496.	35.	1.	764.3	25.5	1
1488	0	360	37.8608	89.9812	-773.5		MM	7.31	2.99	1.09	0.409	2.737	6.695	1575.	41.	0.	764.9	25.5	1
1489	0	372	37.8614	89.9812	-765.0		MM	7.09	2.57	1.31	0.362	1.965	5.428	1626.	42.	3.	766.9	25.4	1
1490	0	388	37.8620	89.9812	-756.2		MM	5.90	3.21	1.34	0.545	2.399	4.404	1680.	37.	6.	765.4	25.3	1
1491	0	400	37.8626	89.9812	-747.2		MM	7.24	2.46	1.38	0.339	1.781	5.247	1648.	45.	4.	765.4	25.3	1
1492	0	408	37.8632	89.9812	-739.7		MM	5.45	3.59	1.41	0.659	2.542	3.857	1575.	33.	6.	766.4	25.2	1
1493	0	428	37.8638	89.9812	-734.0		MM	7.36	2.11	1.28	0.287	1.645	5.742	1581.	34.	7.	764.3	25.2	1
1494	0	440	37.8645	89.9812	-725.5		MM	6.57	1.82	1.06	0.277	1.726	6.220	1534.	43.	11.	765.4	25.2	1
1495	0	464	37.8651	89.9812	-717.5		MM	6.70	3.40	1.10	0.507	3.095	6.101	1539.	29.	10.	766.4	25.1	1
1496	0	480	37.8657	89.9812	-711.2		MM	8.23	2.29	1.01	0.279	2.262	8.115	1611.	18.	12.	764.3	25.2	1
1497	0	488	37.8662	89.9812	-705.0		MM	4.72	4.00	0.91	0.847	4.384	5.177	1530.	44.	13.	765.4	25.3	1
1498	0	504	37.8669	89.9812	-699.2		MM	6.67	4.62	0.81	0.692	5.734	8.282	1628.	41.	9.	766.4	25.3	1
1499	10	500	37.8675	89.9811	-696.0		MM	4.20	0.69	1.09	0.0	0.0	3.836	1352.	49.	16.	764.3	25.3	1
1500	10	488	37.8681	89.9811	-691.7		MM	5.55	1.09	1.16	0.0	0.0	4.782	1399.	39.	15.	765.4	25.3	1
1501	0	492	37.8687	89.9811	-687.0		MM	4.99	2.37	1.08	0.474	2.189	4.613	1486.	49.	11.	765.4	25.3	1
1502	0	528	37.8693	89.9810	-684.0		MM	8.30	4.22	1.01	0.508	4.167	8.196	1687.	27.	7.	763.8	25.2	1
1503	10	508	37.8699	89.9810	-681.5		MM	6.21	0.73	1.21	0.0	0.0	5.126	1565.	30.	12.	765.4	25.2	1
1504	0	500	37.8705	89.9810	-679.5		MM	5.96	2.16	1.21	0.362	1.788	4.936	1486.	46.	10.	765.9	25.2	1
1505	0	504	37.8711	89.9810	-678.0		MM	4.50	3.39	1.00	0.753	3.383	4.493	1444.	44.	2.	764.9	25.2	1
1506	0	536	37.8717	89.9810	-677.0		MM	8.55	3.43	0.86	0.401	3.979	9.915	1498.	46.	3.	765.9	25.2	1
1507	0	544	37.8723	89.9810	-676.5		MM	4.58	3.55	1.21	0.776	2.930	3.775	1539.	38.	4.	765.4	25.2	1
1508	0	532	37.8729	89.9810	-676.2		MM	6.96	2.24	1.19	0.322	1.885	5.862	1516.	32.	2.	765.4	25.2	1
1509	0	532	37.8736	89.9809	-678.2		MM	8.15	2.40	1.53	0.295	1.569	5.327	1503.	36.	0.	767.4	25.2	1
1510	0	492	37.8741	89.9810	-679.0		MM	5.91	3.06	0.86	0.517	3.560	6.886	1348.	32.	0.	765.4	25.3	1
1511	0	444	37.8747	89.9810	-679.7		MM	5.30	3.46	0.96	0.653	3.602	5.512	1269.	43.	0.	765.4	25.2	1
1512	0	432	37.8753	89.9809	-683.2		MM	5.98	2.09	0.98	0.348	2.118	6.078	1334.	46.	1.	767.4	25.2	1
1513	0	420	37.8759	89.9809	-686.0		MM	4.99	3.99	0.81	0.800	4.927	6.159	1312.	45.	0.	765.4	25.2	1
1514	0	404	37.8765	89.9809	-689.0		MM	4.91	2.10	1.02	0.428	2.058	4.812	1379.	41.	3.	765.4	25.2	1
1515	0	388	37.8772	89.9809	-692.7		MM	4.36	4.11	1.28	0.941	3.219	3.419	1532.	33.	1.	767.4	25.3	1
1516	0	372	37.8777	89.9809	-695.2		MM	7.28	3.65	1.11	0.501	3.292	6.566	1634.	30.	0.	766.4	25.3	1
1517	0	364	37.8784	89.9809	-701.5		MM	6.51	2.36	1.42	0.363	1.660	4.568	1654.	33.	0.	765.4	25.3	1
1518	0	360	37.8789	89.9809	-708.5		MM	8.47	2.90	1.14	0.343	2.550	7.440	1728.	36.	1.	766.9	25.3	1
1519	0	356	37.8795	89.9808	-712.7		MM	6.71	3.32	1.28	0.495	2.603	5.261	1741.	27.	2.	765.9	25.2	1
1520	0	360	37.8802	89.9808	-719.2		MM	8.16	2.70	1.35	0.330	2.000	6.059	1783.	38.	2.	764.9	25.2	1
1521	0	336	37.8808	89.9808	-726.2		MM	9.17	2.55	1.21	0.278	2.110	7.594	1789.	42.	3.	766.9	25.2	1
1522	0	316	37.8814	89.9808	-729.7		MM	8.64	1.72	1.31	0.199	1.312	6.580	1708.	35.	0.	766.9	25.2	1
1523	0	292	37.8820	89.9808	-735.7		MM	8.83	2.79	1.12	0.316	2.496	7.906	1714.	27.	0.	764.3	25.1	1
1524	0	280	37.8826	89.9808	-743.7		MM	10.39	2.10	1.20	0.202	1.745	8.648	1739.	33.	1.	764.3	25.1	1
1525	0	288	37.8832	89.9808	-750.2		MM	7.29	3.66	1.78	0.503	2.059	4.095	1939.	32.	3.	766.4	25.2	1
1526	0	308	37.8838	89.9807	-756.2		MM	7.65	2.78	1.43	0.363	1.940	5.350	1776.	45.	6.	765.9	25.2	1
1527	0	332	37.8844	89.9807	-764.7		MM	8.85	1.72	1.37	0.194	1.253	6.458	1794.	35.	10.	765.4	25.3	1
1528	0	356	37.8850	89.9808	-772.7		MM	8.07	1.63	1.33	0.202	1.226	6.058	1768.	43.	14.	766.4	25.3	1
1529	0	376	37.8856	89.9807	-779.2		MM	7.09	1.90	1.31	0.268	1.454	5.427	1713.	32.	15.	766.4	25.4	1
1530	10	372	37.8862	89.9807	-788.0		MM	8.56	0.35	1.39	0.0	0.0	6.157	1595.	31.	19.	764.9	25.4	1
1531	10	372	37.8868	89.9807	-795.7		MM	8.13	1.18	1.03	0.0	0.0	7.918	1541.	43.	19.	764.9	25.4	1
1532	10	404	37.8874	89.9807	-800.2		MM	5.53	-0.53	1.18	0.0	0.0	4.682	1562.	39.	23.	765.9	25.4	1
1533	10	444	37.8880	89.9807	-807.0		MM	7.76	0.92	1.20	0.0	0.0	6.462	1608.	49.	16.	764.9	25.3	1
1534	0	428	37.8886	89.9807	-814.5		MM	5.70	3.05	0.85	0.535	3.609	6.749	1485.	41.	13.	763.8	25.3	1
1535	0	440	37.8892	89.9807	-821.2		MM	6.62	1.69	0.91	0.255	1.865	7.300	1636.	26.	15.	765.4	25.2	1
1536	0	464	37.8898	89.9806	-828.2		MM	10.20	2.22	1.33	0.218	1.669	7.655	1706.	31.	9.	765.4	25.2	1
1537	0	452	37.8905	89.9806	-836.7		MM	5.21	1.79	1.19	0.345	1.510	4.380	1556.	64.	6.	763.8	25.1	1

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1538	0	440	37.8910	89.9806	-843.7	MM	6.55	1.85	1.44	0.282	1.282	4.538	1645.	30.	7.	765.4	25.2	1
1539	0	436	37.8917	89.9806	-849.2	MM	7.85	3.14	0.83	0.400	3.774	9.441	1597.	46.	3.	766.4	25.1	1
1540	0	452	37.8922	89.9805	-856.0	MM	7.64	3.94	1.15	0.515	3.426	6.650	1691.	38.	3.	764.3	25.1	1
1541	0	472	37.8929	89.9805	-860.0	MM	6.57	4.36	1.29	0.664	3.375	5.081	1811.	32.	4.	766.4	25.1	1
1542	0	460	37.8934	89.9805	-865.0	MM	4.91	2.04	1.56	0.414	1.305	3.149	1649.	43.	8.	767.4	25.1	1
1543	0	440	37.8941	89.9805	-872.0	MM	8.32	1.86	1.31	0.224	1.423	6.366	1748.	36.	8.	765.4	25.1	1
1544	0	444	37.8947	89.9805	-876.0	MM	7.64	2.68	1.26	0.351	2.130	6.068	1705.	37.	7.	765.4	25.1	1
1545	10	444	37.8953	89.9805	-878.0	MM	6.52	0.48	1.09	0.0	0.0	6.003	1413.	50.	10.	767.4	25.1	1
1546	0	428	37.8959	89.9805	-882.5	MM	3.48	2.44	1.16	0.702	2.101	2.992	1283.	36.	9.	766.4	25.1	1
1547	0	440	37.8965	89.9805	-886.0	MM	6.21	1.87	0.76	0.302	2.473	8.193	1265.	39.	8.	765.4	25.1	1
1548	10	504	37.8970	89.9805	-887.7	MM	8.54	0.25	1.08	0.0	0.0	7.941	1435.	41.	11.	766.4	25.1	1
1549	10	512	37.8976	89.9805	-891.0	MM	3.75	0.09	1.13	0.0	0.0	3.305	1395.	38.	8.	767.4	25.1	1
1550	0	508	37.8982	89.9805	-893.0	MM	6.01	4.45	0.95	0.740	4.675	6.316	1468.	41.	8.	765.4	25.1	1
1551	0	508	37.8988	89.9805	-894.7	MM	6.24	3.43	1.14	0.549	3.005	5.470	1536.	37.	6.	765.4	25.1	1
1552	0	512	37.8994	89.9806	-895.0	MM	5.69	2.41	1.56	0.424	1.550	3.654	1638.	49.	7.	767.4	25.1	1
1553	0	516	37.8999	89.9806	-897.5	MM	6.52	2.85	1.34	0.437	2.132	4.883	1573.	45.	6.	766.4	25.1	1
1554	10	520	37.9005	89.9807	-899.0	MM	8.47	0.67	1.53	0.0	0.0	5.526	1587.	31.	8.	764.9	25.2	1
1555	0	528	37.9010	89.9807	-899.2	MM	5.71	2.15	1.23	0.377	1.748	4.640	1488.	41.	6.	766.9	25.2	1
1556	0	532	37.9016	89.9807	-901.2	MM	6.70	2.13	1.14	0.319	1.878	5.896	1520.	31.	9.	767.4	25.2	1
1557	10	540	37.9023	89.9807	-901.2	MM	7.61	1.32	1.12	0.0	0.0	6.811	1359.	33.	7.	765.4	25.1	1
1558	0	532	37.9028	89.9807	-902.2	MC	4.41	2.03	1.41	0.461	1.445	3.132	1388.	43.	10.	765.4	25.1	1
1559	10	468	37.9034	89.9807	-904.2	MC	6.11	0.87	0.94	0.0	0.0	6.490	1230.	37.	6.	766.4	25.1	1
1560	0	460	37.9040	89.9807	-906.7	MC	6.30	2.37	1.08	0.376	2.196	5.844	1380.	30.	1.	767.4	25.1	1
1561	0	468	37.9045	89.9808	-906.7	MC	5.50	4.13	0.88	0.752	4.692	6.240	1427.	34.	4.	766.4	25.0	1
1562	0	480	37.9051	89.9808	-904.0	MC	5.99	4.02	1.20	0.671	3.347	4.988	1488.	38.	4.	765.4	25.0	1
1563	0	468	37.9057	89.9808	-901.0	MC	6.27	3.06	1.26	0.488	2.420	4.958	1458.	42.	1.	766.4	25.0	1
1564	10	460	37.9063	89.9808	-899.2	MC	5.61	1.38	1.15	0.0	0.0	4.897	1397.	41.	7.	767.4	25.0	1
1565	10	440	37.9069	89.9808	-898.2	MC	6.28	0.66	1.15	0.0	0.0	5.482	1280.	47.	6.	765.4	24.9	1
1566	10	472	37.9074	89.9808	-899.5	MC	8.36	0.50	1.29	0.0	0.0	6.467	1476.	34.	5.	765.4	24.9	1
1567	0	492	37.9080	89.9808	-898.7	MC	8.82	2.24	1.21	0.254	1.855	7.312	1475.	47.	5.	766.4	24.9	1
1568	0	516	37.9086	89.9808	-897.0	MC	5.80	4.26	1.06	0.734	4.014	5.466	1566.	37.	5.	767.4	25.0	1
1569	0	524	37.9092	89.9809	-897.0	MC	6.40	3.64	0.87	0.569	4.196	7.379	1603.	39.	7.	766.4	25.0	1
1570	0	528	37.9098	89.9809	-896.5	MC	7.02	3.03	1.08	0.431	2.793	6.482	1627.	34.	8.	766.4	25.0	1
1571	0	528	37.9104	89.9809	-894.5	MC	7.56	3.16	1.27	0.417	2.478	5.940	1608.	34.	8.	767.4	25.0	1
1572	10	528	37.9109	89.9809	-893.7	MC	9.06	0.43	1.54	0.0	0.0	5.884	1589.	47.	6.	767.4	25.0	1
1573	0	524	37.9115	89.9810	-892.5	MC	8.33	2.57	1.20	0.309	2.149	6.964	1626.	35.	4.	765.4	25.0	1
1574	10	488	37.9121	89.9810	-890.5	MC	8.61	0.45	1.33	0.0	0.0	6.449	1428.	39.	2.	766.4	25.0	1
1575	0	484	37.9126	89.9810	-890.0	MC	7.83	3.82	1.11	0.487	3.428	7.033	1459.	44.	2.	767.4	25.0	1
1576	0	504	37.9132	89.9810	-890.2	MC	8.05	1.85	1.15	0.229	1.603	6.991	1578.	24.	4.	766.4	25.0	1
1577	0	532	37.9138	89.9810	-889.0	MC	5.32	4.87	1.19	0.915	4.076	4.454	1555.	52.	4.	765.4	25.0	1
1578	0	528	37.9144	89.9811	-889.0	MC	7.24	3.55	1.29	0.490	2.747	5.600	1651.	29.	3.	766.4	25.0	1
1579	0	528	37.9150	89.9811	-889.2	MC	6.25	3.55	1.38	0.568	2.570	4.524	1698.	42.	2.	767.4	25.0	1
1580	0	532	37.9156	89.9811	-887.2	MC	5.92	4.32	1.44	0.730	3.005	4.117	1747.	38.	1.	765.4	25.1	1
1581	0	536	37.9161	89.9811	-889.0	QAL	8.52	2.87	1.26	0.336	2.281	6.780	1752.	36.	0.	765.4	25.0	1
1582	0	540	37.9167	89.9811	-888.5	QAL	9.27	3.66	1.43	0.395	2.555	6.474	1742.	57.	1.	767.4	25.0	1
1583	0	540	37.9173	89.9811	-886.7	QAL	9.99	4.03	1.24	0.404	3.259	8.071	1725.	45.	0.	767.4	25.0	1
1584	0	536	37.9178	89.9812	-886.2	QAL	11.10	3.56	0.98	0.321	3.642	11.353	1674.	34.	2.	765.4	24.9	1
1585	0	532	37.9184	89.9812	-886.7	QAL	10.17	2.18	1.36	0.214	1.607	7.495	1657.	35.	1.	766.4	24.9	1
1586	0	532	37.9190	89.9812	-889.7	QAL	12.02	2.09	1.31	0.174	1.594	9.167	1764.	50.	4.	767.4	25.0	1
1587	10	528	37.9196	89.9812	-888.7	QAL	7.67	1.02	1.49	0.0	0.0	5.155	1761.	40.	7.	767.4	25.0	1
1588	0	524	37.9201	89.9812	-887.2	QAL	10.41	3.66	0.95	0.352	3.871	10.999	1724.	44.	4.	766.4	25.1	1
1589	10	520	37.9208	89.9812	-888.7	QAL	8.97	1.25	1.67	0.0	0.0	5.359	1767.	37.	10.	765.9	25.1	1
1590	10	512	37.9214	89.9812	-888.0	QAL	8.04	1.51	1.14	0.0	0.0	7.062	1694.	42.	7.	766.9	25.2	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1591	10	504	37.9219	89.9813	-888.7		QAL	9.62	1.16	1.55	0.0	0.0	6.197	1694.	41.	8.	768.0	25.2	1
1592	0	496	37.9225	89.9813	-890.0		QAL	7.86	3.61	1.34	0.459	2.690	5.859	1742.	49.	6.	766.9	25.3	1
1593	0	496	37.9231	89.9813	-888.0		QAL	9.85	2.58	1.47	0.261	1.755	6.712	1738.	45.	4.	766.9	25.3	1
1594	0	496	37.9236	89.9814	-888.7		QAL	7.95	4.06	1.16	0.510	3.490	6.845	1859.	33.	5.	766.9	25.4	1
1595	0	492	37.9242	89.9814	-891.0		QAL	6.93	3.39	1.34	0.488	2.532	5.184	1750.	22.	1.	768.0	25.4	1
1596	0	488	37.9248	89.9814	-890.2		QAL	7.76	4.93	1.23	0.635	4.019	6.330	1755.	41.	3.	768.5	25.4	1
1597	10	488	37.9254	89.9814	-892.0		QAL	9.13	1.64	1.53	0.0	0.0	5.975	1806.	33.	5.	766.4	25.5	1
1598	0	488	37.9259	89.9814	-890.5		QAL	6.13	3.78	1.27	0.617	2.987	4.845	1715.	41.	2.	765.9	25.5	1
1599	0	484	37.9265	89.9815	-890.7		QAL	5.67	3.52	1.05	0.621	3.345	5.387	1634.	35.	5.	766.9	25.6	1
1600	0	484	37.9272	89.9815	-890.5		QAL	5.78	3.22	1.65	0.557	1.954	3.507	1757.	33.	3.	768.0	25.6	1
1601	0	480	37.9277	89.9815	-890.0		QAL	5.75	4.03	1.34	0.701	3.014	4.298	1686.	32.	1.	768.0	25.5	1
1602	0	472	37.9283	89.9815	-890.2		QAL	7.54	3.12	1.23	0.414	2.535	6.126	1641.	37.	3.	766.4	25.4	1
1603	10	468	37.9288	89.9815	-890.5		QAL	8.66	0.90	1.78	0.0	0.0	4.858	1806.	29.	4.	765.9	25.4	1
1604	0	464	37.9294	89.9815	-890.5		QAL	10.36	2.30	1.51	0.222	1.522	6.839	1790.	41.	5.	768.0	25.5	1
1605	0	464	37.9300	89.9815	-890.7		QAL	9.92	2.77	1.14	0.279	2.436	8.734	1767.	35.	6.	769.0	25.5	1
1606	0	464	37.9306	89.9816	-891.0		QAL	6.47	3.26	1.23	0.503	2.657	5.281	1715.	42.	7.	768.0	25.5	1
1607	0	460	37.9312	89.9816	-892.0		QAL	8.46	1.92	1.45	0.227	1.332	5.856	1687.	29.	7.	767.4	25.6	1
1608	0	460	37.9317	89.9816	-893.0		QAL	7.58	2.24	1.49	0.296	1.504	5.087	1671.	44.	8.	766.9	25.6	1
1609	10	460	37.9323	89.9816	-893.0		QAL	11.25	1.10	1.22	0.0	0.0	9.212	1687.	38.	5.	766.9	25.5	1
1610	0	460	37.9329	89.9816	-893.0		QAL	7.37	1.97	1.42	0.267	1.390	5.201	1756.	39.	9.	768.0	25.5	1
1611	0	460	37.9335	89.9816	-895.0		QAL	8.31	2.04	1.36	0.246	1.503	6.120	1683.	39.	12.	769.0	25.5	1
1612	10	456	37.9341	89.9816	-895.5		QAL	6.87	0.81	1.58	0.0	0.0	4.334	1666.	42.	13.	768.0	25.5	1
1613	10	456	37.9347	89.9816	-895.0		QAL	7.28	0.42	1.21	0.0	0.0	6.018	1610.	37.	13.	766.4	25.5	1
1614	10	460	37.9352	89.9817	-896.7		QAL	7.73	1.10	1.39	0.0	0.0	5.570	1663.	30.	11.	766.4	25.5	1
1615	10	464	37.9358	89.9818	-900.0		QAL	6.00	1.56	1.47	0.0	0.0	4.089	1623.	38.	13.	767.4	25.5	1
1616	0	464	37.9364	89.9818	-899.2		QAL	5.31	3.12	1.19	0.586	2.622	4.472	1525.	29.	9.	768.5	25.4	1
1617	0	468	37.9369	89.9818	-899.7		QAL	5.21	2.97	0.90	0.570	3.300	5.788	1462.	34.	12.	768.5	25.4	1
1618	10	464	37.9375	89.9818	-901.7		QAL	9.89	1.10	1.36	0.0	0.0	7.296	1597.	42.	11.	767.4	25.4	1
1619	0	464	37.9381	89.9818	-901.2		QAL	6.02	1.83	1.38	0.305	1.325	4.348	1560.	42.	11.	766.4	25.3	1
1620	10	460	37.9387	89.9818	-902.2		QAL	8.35	0.36	1.48	0.0	0.0	5.623	1601.	49.	12.	766.4	25.4	1
1621	0	460	37.9393	89.9819	-903.0		QAL	5.41	2.14	1.75	0.396	1.222	3.085	1501.	39.	10.	768.5	25.4	1
1622	10	464	37.9398	89.9819	-903.5		QAL	8.51	0.24	1.50	0.0	0.0	5.661	1569.	49.	8.	769.5	25.4	1
1623	0	464	37.9404	89.9819	-904.0		QAL	8.67	2.01	1.43	0.232	1.403	6.049	1625.	43.	8.	767.4	25.4	1
1624	0	460	37.9410	89.9819	-904.2		QAL	6.83	2.88	1.36	0.422	2.120	5.029	1653.	32.	9.	766.4	25.4	1
1625	10	464	37.9416	89.9819	-906.5		QAL	7.23	1.19	1.53	0.0	0.0	4.720	1778.	37.	13.	766.4	25.4	1
1626	10	460	37.9422	89.9819	-906.7		QAL	8.60	-0.06	1.41	0.0	0.0	6.095	1666.	32.	13.	767.4	25.4	1
1627	0	460	37.9427	89.9819	-907.2		QAL	6.85	2.83	1.25	0.413	2.256	5.463	1736.	32.	10.	768.5	25.5	1
1628	0	464	37.9433	89.9820	-907.5		QAL	7.33	2.23	1.38	0.304	1.609	5.302	1690.	37.	10.	768.5	25.5	1
1629	10	468	37.9439	89.9820	-906.7		QAL	8.61	1.18	1.38	0.0	0.0	6.258	1713.	37.	10.	767.4	25.5	1
1630	0	472	37.9445	89.9820	-905.5		QAL	8.31	3.14	1.42	0.378	2.214	5.855	1814.	36.	8.	766.4	25.5	1
1631	10	472	37.9450	89.9820	-904.7		QAL	11.11	1.62	1.26	0.0	0.0	8.797	1808.	35.	9.	767.4	25.5	1
1632	0	472	37.9456	89.9820	-905.2		QAL	5.78	3.40	1.39	0.588	2.448	4.162	1710.	26.	10.	768.5	25.5	1
1633	0	472	37.9462	89.9820	-905.5		QAL	7.85	3.70	1.16	0.471	3.187	6.769	1835.	42.	9.	768.5	25.4	1
1634	10	468	37.9468	89.9820	-904.7		QAL	10.15	1.10	1.32	0.0	0.0	7.673	1783.	40.	9.	766.4	25.4	1
1635	0	468	37.9474	89.9820	-904.5		QAL	9.37	1.79	1.38	0.191	1.295	6.782	1752.	36.	9.	766.4	25.3	1
1636	0	464	37.9479	89.9821	-903.2		QAL	7.44	2.23	1.45	0.300	1.540	5.135	1730.	40.	7.	766.4	25.3	1
1637	0	460	37.9485	89.9821	-903.2		QAL	6.68	3.18	1.52	0.477	2.090	4.384	1731.	44.	10.	766.4	25.3	1
1638	10	460	37.9491	89.9821	-902.7		QAL	9.16	1.59	1.53	0.0	0.0	5.976	1827.	30.	9.	768.5	25.4	1
1639	0	468	37.9497	89.9821	-899.5		QAL	7.84	3.46	1.37	0.442	2.534	5.736	1710.	28.	8.	768.5	25.5	1
1640	0	472	37.9502	89.9821	-897.5		QAL	7.78	2.16	1.35	0.278	1.605	5.784	1749.	43.	7.	766.4	25.5	1
1641	0	480	37.9508	89.9821	-896.0		QAL	6.61	3.52	1.13	0.533	3.128	5.872	1705.	42.	9.	766.4	25.5	1
1642	10	480	37.9514	89.9821	-894.0		QAL	8.80	1.38	1.37	0.0	0.0	6.407	1697.	44.	9.	766.4	25.5	1
1643	10	484	37.9520	89.9822	-892.0		QAL	6.19	0.86	1.89	0.0	0.0	3.273	1634.	33.	13.	767.4	25.5	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1644	10	488	37.9526	89.9822	-888.2	QAL	7.81	1.73	1.40	0.0	0.0	5.590	1721.	37.	14.	768.0	25.5	1
1645	10	492	37.9532	89.9822	-887.7	QAL	7.88	1.75	1.23	0.0	0.0	6.403	1753.	34.	14.	766.9	25.4	1
1646	10	492	37.9537	89.9822	-885.7	QAL	8.14	0.84	1.32	0.0	0.0	6.188	1646.	42.	13.	766.9	25.4	1
1647	0	488	37.9543	89.9822	-882.5	QAL	6.49	2.44	1.22	0.376	1.995	5.302	1607.	41.	14.	765.9	25.3	1
1648	0	488	37.9549	89.9823	-879.5	QAL	7.28	3.79	1.37	0.520	2.774	5.331	1718.	37.	12.	765.4	25.4	1
1649	0	484	37.9555	89.9823	-878.0	QAL	6.39	2.90	1.32	0.453	2.198	4.850	1597.	40.	12.	766.4	25.3	1
1650	0	480	37.9560	89.9823	-875.7	QAL	6.71	1.79	1.19	0.267	1.500	5.628	1659.	35.	11.	766.9	25.4	1
1651	0	476	37.9566	89.9824	-872.7	QAL	6.42	2.41	1.22	0.375	1.978	5.272	1645.	53.	9.	766.9	25.4	1
1652	0	476	37.9572	89.9824	-867.5	QAL	7.08	3.07	1.24	0.433	2.469	5.697	1701.	31.	6.	768.0	25.4	1
1653	0	476	37.9578	89.9824	-863.2	QAL	7.27	3.83	1.30	0.526	2.939	5.587	1787.	37.	5.	767.4	25.4	1
1654	0	480	37.9584	89.9824	-859.7	QAL	5.08	4.41	1.27	0.868	3.471	4.000	1667.	32.	3.	766.4	25.5	1
1655	10	484	37.9589	89.9824	-859.2	QAL	7.81	1.50	1.30	0.0	0.0	6.010	1611.	28.	7.	765.4	25.5	1
1656	0	488	37.9595	89.9824	-855.5	QAL	5.04	3.48	1.20	0.691	2.891	4.184	1604.	46.	5.	765.4	25.5	1
1657	0	492	37.9601	89.9824	-849.2	QAL	7.86	2.23	1.08	0.284	2.069	7.284	1433.	38.	6.	766.4	25.4	1
1658	0	496	37.9607	89.9825	-847.7	QAL	7.06	1.74	1.17	0.247	1.491	6.039	1311.	43.	6.	766.9	25.4	1
1659	0	504	37.9612	89.9825	-844.2	(WATER)	3.58	1.63	0.62	0.456	2.645	5.795	1016.	33.	8.	766.9	25.4	1
1660	10	504	37.9618	89.9825	-839.5	(WATER)	1.86	-0.33	0.50	0.0	0.0	3.733	630.	32.	10.	766.9	25.3	1
1661	111	504	37.9624	89.9825	-837.0	(WATER)	0.83	0.22	0.16	0.0	0.0	0.0	320.	56.	6.	766.4	25.3	1
1662	111	504	37.9630	89.9825	-831.5	(WATER)	-0.09	-0.08	0.02	0.0	0.0	0.0	176.	35.	10.	765.4	25.3	1
1663	111	504	37.9635	89.9825	-826.7	(WATER)	-0.01	-0.61	0.08	0.0	0.0	0.0	145.	32.	6.	765.4	25.3	1
1664	111	500	37.9642	89.9826	-820.5	(WATER)	-0.05	0.10	-0.01	0.0	0.0	0.0	151.	41.	4.	766.4	25.3	1
1665	111	496	37.9647	89.9826	-818.0	(WATER)	0.53	-0.23	0.01	0.0	0.0	0.0	166.	37.	4.	766.4	25.3	1
1666	111	496	37.9653	89.9826	-812.5	(WATER)	-0.11	1.00	0.08	0.0	0.0	0.0	201.	33.	3.	766.9	25.3	1
1667	101	492	37.9659	89.9826	-808.5	(WATER)	-0.11	1.50	-0.05	0.0	0.0	0.0	156.	35.	6.	768.0	25.3	1
1668	101	488	37.9665	89.9827	-804.5	(WATER)	1.21	1.71	0.02	0.0	0.0	0.0	397.	29.	4.	768.0	25.3	1
1669	10	484	37.9670	89.9827	-798.0	(WATER)	2.84	-0.02	0.33	0.0	0.0	8.621	552.	43.	9.	768.0	25.3	1
1670	10	476	37.9676	89.9827	-791.5	(WATER)	3.44	0.95	0.43	0.0	0.0	8.015	757.	46.	8.	768.5	25.3	1
1671	10	464	37.9682	89.9827	-788.5	QAL	3.14	0.98	0.95	0.0	0.0	3.298	995.	36.	13.	768.5	25.3	1
1672	10	464	37.9687	89.9827	-783.2	QAL	3.01	0.97	1.15	0.0	0.0	2.609	1190.	34.	11.	766.9	25.3	1
1673	10	464	37.9693	89.9828	-779.0	QAL	7.36	1.55	1.17	0.0	0.0	6.288	1321.	35.	10.	765.9	25.3	1
1674	0	460	37.9700	89.9828	-773.2	QAL	7.09	2.89	1.25	0.407	2.305	5.662	1488.	40.	9.	765.9	25.3	1
1675	10	460	37.9705	89.9828	-769.5	QAL	5.89	0.93	1.43	0.0	0.0	4.106	1455.	44.	8.	766.4	25.3	1
1676	0	460	37.9711	89.9828	-764.7	QAL	4.45	1.71	1.25	0.383	1.361	3.551	1525.	35.	6.	767.4	25.4	1
1677	10	464	37.9717	89.9828	-758.7	QAL	6.53	1.55	1.23	0.0	0.0	5.326	1645.	42.	7.	767.4	25.4	1
1678	0	464	37.9722	89.9828	-754.7	QAL	8.45	2.50	1.46	0.296	1.709	5.778	1505.	39.	2.	768.0	25.4	1
1679	0	464	37.9728	89.9828	-749.2	QAL	6.84	1.97	1.34	0.288	1.467	5.090	1457.	36.	7.	768.5	25.4	1
1680	0	468	37.9734	89.9828	-744.7	QAL	5.84	2.62	1.55	0.449	1.697	3.779	1594.	37.	6.	768.5	25.4	1
1681	0	464	37.9740	89.9829	-738.5	QAL	5.55	2.84	1.20	0.512	2.376	4.644	1482.	37.	3.	768.5	25.4	1
1682	0	464	37.9745	89.9829	-734.0	QAL	6.85	2.11	1.50	0.308	1.407	4.568	1493.	43.	7.	768.0	25.4	1
1683	0	464	37.9751	89.9829	-728.7	QAL	6.75	3.62	1.29	0.535	2.793	5.216	1550.	35.	4.	766.9	25.4	1
1684	10	464	37.9757	89.9829	-724.5	QAL	5.54	1.29	1.19	0.0	0.0	4.653	1366.	58.	8.	766.9	25.5	1
1685	0	472	37.9763	89.9829	-720.5	QAL	5.17	2.69	1.12	0.521	2.397	4.604	1335.	47.	3.	766.4	25.6	1
1686	0	472	37.9769	89.9829	-714.7	QAL	7.47	3.62	0.94	0.485	3.868	7.979	1455.	33.	4.	765.4	25.6	1
1687	0	460	37.9775	89.9829	-708.5	QAL	5.81	3.33	1.07	0.573	3.100	5.414	1473.	37.	3.	765.4	25.6	1
1688	0	472	37.9780	89.9830	-704.2	QAL	8.24	2.53	1.22	0.307	2.073	6.745	1639.	34.	5.	766.4	25.5	1
1689	0	468	37.9786	89.9830	-698.5	QAL	7.28	2.92	1.15	0.402	2.551	6.350	1631.	32.	2.	766.4	25.5	1
1690	0	464	37.9792	89.9830	-693.2	QAL	8.48	2.26	1.52	0.267	1.487	5.574	1661.	40.	0.	767.4	25.4	1
1691	0	468	37.9798	89.9830	-689.0	QAL	5.82	4.38	1.34	0.752	3.275	4.353	1637.	41.	2.	768.5	25.5	1
1692	10	460	37.9803	89.9830	-684.0	QAL	8.25	1.14	1.39	0.0	0.0	5.934	1682.	51.	7.	768.5	25.5	1
1693	0	456	37.9809	89.9830	-677.2	QAL	8.94	1.69	1.37	0.189	1.239	6.545	1705.	43.	5.	768.5	25.5	1
1694	0	464	37.9815	89.9830	-672.7	QAL	7.98	1.94	1.54	0.243	1.255	5.172	1663.	35.	9.	769.5	25.5	1
1695	10	468	37.9820	89.9830	-668.0	QAL	7.26	1.43	1.55	0.0	0.0	4.672	1653.	31.	11.	767.4	25.5	1
1696	0	468	37.9827	89.9831	-661.5	QAL	7.77	2.40	1.62	0.309	1.483	4.796	1703.	33.	10.	766.4	25.5	1

* ID	TAGS QUAL	ALT	LAT	LOCATION LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1697	10	468	37.9833	89.9831	-656.5		QAL	10.67	0.01	1.44	0.0	0.0	7.434	1729.	35.	9.	766.4	25.5	1
1698	0	472	37.9839	89.9830	-649.2		QAL	7.85	1.97	1.41	0.251	1.397	5.558	1782.	41.	9.	766.4	25.6	1
1699	0	476	37.9846	89.9830	-643.2		QAL	8.90	2.84	1.08	0.319	2.644	8.280	1722.	39.	5.	766.4	25.6	1
1700	0	480	37.9852	89.9830	-638.7		QAL	7.22	2.46	1.30	0.340	1.893	5.569	1669.	43.	7.	766.4	25.6	1
1701	0	480	37.9858	89.9830	-632.7		QAL	7.55	2.45	1.60	0.325	1.534	4.725	1775.	36.	4.	766.4	25.6	1
1702	0	480	37.9864	89.9830	-625.7		QAL	9.23	3.12	1.10	0.338	2.842	8.416	1713.	35.	6.	767.4	25.6	1
1703	0	476	37.9870	89.9829	-620.5		QAL	6.37	2.45	1.57	0.385	1.567	4.067	1779.	39.	12.	768.5	25.6	1
1704	0	472	37.9877	89.9829	-614.5		QAL	7.96	2.57	1.31	0.323	1.961	6.068	1751.	37.	8.	768.5	25.6	1
1705	0	468	37.9882	89.9829	-607.5		QAL	5.37	4.30	1.55	0.800	2.772	3.465	1704.	38.	8.	767.4	25.6	1
1706	10	468	37.9889	89.9829	-602.2		QAL	6.14	0.54	1.98	0.0	0.0	3.104	1779.	45.	9.	766.9	25.6	1
1707	10	468	37.9895	89.9828	-597.5		QAL	8.99	1.19	1.51	0.0	0.0	5.947	1735.	41.	9.	766.9	25.6	1
1708	0	468	37.9901	89.9828	-590.7		QAL	7.44	4.96	1.21	0.667	4.108	6.155	1703.	38.	6.	765.9	25.6	1
1709	0	472	37.9907	89.9828	-585.7		QAL	4.93	2.35	1.56	0.478	1.508	3.157	1689.	40.	3.	765.9	25.6	1
1710	10	472	37.9913	89.9828	-578.7		QAL	8.24	1.65	1.35	0.0	0.0	6.097	1711.	60.	6.	766.4	25.7	1
1711	0	476	37.9920	89.9828	-570.7		QAL	8.82	1.92	1.20	0.217	1.593	7.328	1668.	44.	6.	766.4	25.8	1
1712	0	480	37.9926	89.9827	-565.2		QAL	6.63	2.69	1.52	0.405	1.764	4.350	1692.	42.	2.	766.4	25.8	1
1713	0	476	37.9932	89.9827	-560.5		QAL	9.61	2.05	1.56	0.213	1.313	6.164	1793.	33.	4.	767.4	25.7	1
1714	0	480	37.9938	89.9827	-552.7		QAL	9.60	2.54	1.47	0.264	1.727	6.536	1797.	43.	3.	768.0	25.8	1
1715	0	484	37.9944	89.9827	-547.0		QAL	8.53	2.32	1.41	0.272	1.641	6.040	1793.	35.	5.	768.5	25.8	1
1716	0	484	37.9951	89.9827	-540.7		QAL	7.76	1.79	1.53	0.230	1.164	5.058	1688.	47.	6.	768.5	25.8	1
1717	0	484	37.9957	89.9826	-532.0		QAL	6.82	3.67	1.11	0.538	3.314	6.158	1711.	31.	4.	768.5	25.8	1
1718	0	480	37.9963	89.9826	-524.2		QAL	8.11	4.18	1.18	0.515	3.535	6.867	1710.	38.	3.	767.4	25.8	1
1719	0	484	37.9969	89.9826	-518.2		QAL	7.13	2.39	1.33	0.335	1.798	5.366	1632.	35.	8.	767.4	25.8	1
1720	0	488	37.9975	89.9826	-510.7		QAL	7.66	3.90	1.35	0.509	2.897	5.690	1605.	31.	2.	766.4	25.8	1
1721	0	480	37.9982	89.9825	-502.7		QAL	7.87	2.21	1.14	0.280	1.943	6.936	1649.	39.	4.	766.4	25.9	1
1722	0	480	37.9988	89.9825	-497.2		QAL	7.67	2.30	1.58	0.299	1.449	4.840	1749.	40.	4.	766.4	25.9	1
1723	0	480	37.9994	89.9825	-491.7		QAL	7.63	3.04	1.44	0.399	2.114	5.301	1782.	54.	2.	767.4	25.9	1

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1	0	396	37.9988	89.3316	-183.0	PPCA-1	4.47	3.26	0.97	0.730	3.360	4.603	1336.	31.	5.	766.4	26.3	1
2	10	396	37.9982	89.3316	-183.5	PPCA-1	4.24	1.06	0.95	0.0	0.0	4.455	1218.	35.	8.	766.4	26.4	1
3	0	412	37.9977	89.3315	-183.5	PPCA-1	4.51	1.51	0.93	0.335	1.630	4.861	1294.	37.	7.	767.4	26.5	1
4	0	436	37.9971	89.3315	-182.5	PPCA-1	4.74	2.29	0.86	0.483	2.668	5.519	1218.	28.	2.	767.4	26.5	1
5	0	476	37.9966	89.3314	-183.0	PPCA-1	5.13	2.94	0.59	0.574	5.033	8.764	1094.	40.	4.	766.4	26.5	1
6	0	488	37.9960	89.3314	-183.7	PPCA-1	4.97	2.36	0.56	0.476	4.249	8.935	1151.	31.	8.	765.4	26.5	1
7	0	472	37.9955	89.3314	-184.2	PPCA-1	6.68	2.03	0.96	0.304	2.110	6.944	1274.	31.	5.	764.9	26.5	1
8	0	436	37.9950	89.3312	-182.5	PPCA-1	6.46	2.11	0.88	0.326	2.385	7.312	1258.	32.	6.	764.9	26.5	1
9	0	432	37.9944	89.3312	-180.5	PPCA-1	4.82	2.78	0.88	0.576	3.142	5.453	1269.	38.	11.	765.9	26.6	1
10	0	436	37.9939	89.3312	-180.2	PPCA-1	4.97	1.65	0.71	0.332	2.322	7.003	1180.	41.	9.	766.9	26.6	1
11	0	472	37.9933	89.3312	-178.5	PPCA-1	5.34	1.70	0.88	0.318	1.923	6.045	1321.	35.	11.	765.9	26.6	1
12	0	476	37.9928	89.3311	-177.7	PPCA-1	4.82	3.42	1.07	0.710	3.206	4.518	1288.	41.	6.	766.9	26.6	1
13	0	452	37.9923	89.3310	-178.5	PPCA-1	4.78	3.02	0.99	0.632	3.059	4.839	1316.	28.	7.	768.0	26.6	1
14	0	460	37.9917	89.3310	-178.2	PPCA-1	3.89	3.29	0.98	0.845	3.355	3.968	1330.	45.	7.	765.9	26.4	1
15	0	460	37.9912	89.3310	-178.0	PPCA-1	3.11	4.35	0.64	1.401	6.786	4.845	1151.	37.	4.	764.3	26.5	1
16	0	460	37.9906	89.3310	-178.2	PPCA-1	3.50	2.82	0.80	0.805	3.513	4.364	1066.	30.	0.	765.4	26.4	1
17	0	480	37.9901	89.3309	-177.5	PPCA-1	2.77	1.71	0.77	0.616	2.205	3.580	967.	34.	3.	766.4	26.5	1
18	0	488	37.9895	89.3309	-178.0	PPCA-1	3.33	1.72	0.64	0.517	2.676	5.173	887.	32.	6.	766.4	26.5	1
19	1	488	37.9890	89.3308	-178.2	PPCA-1	3.12	2.99	0.10	0.957	0.0	0.0	753.	44.	3.	766.4	26.5	1
20	10	484	37.9884	89.3308	-181.5	PPCA-1	2.04	0.71	0.55	0.0	0.0	3.714	717.	48.	9.	765.9	26.4	1
21	10	472	37.9879	89.3308	-184.2	PPCA-1	1.36	1.27	0.39	0.0	0.0	3.498	663.	35.	10.	764.9	26.5	1
22	0	480	37.9873	89.3306	-186.0	PPCA-1	1.88	1.65	0.36	0.881	4.589	5.211	694.	29.	14.	765.9	26.4	1
23	10	480	37.9868	89.3306	-184.2	PPCA-1	3.30	-1.02	0.44	0.0	0.0	7.526	640.	46.	15.	767.4	26.5	1
24	10	476	37.9862	89.3306	-179.5	PPCA-1	1.67	0.83	0.39	0.0	0.0	4.273	682.	36.	14.	766.4	26.6	1
25	10	484	37.9857	89.3305	-169.7	PPCA-1	3.15	0.65	0.37	0.0	0.0	8.394	713.	37.	16.	764.3	26.6	1
26	10	484	37.9852	89.3305	-165.0	PPCA-1	3.50	0.39	0.31	0.0	0.0	11.310	641.	41.	14.	764.3	26.6	1
27	110	488	37.9846	89.3304	-163.0	PPCA-1	1.01	1.08	0.49	0.0	0.0	0.0	615.	33.	14.	765.4	26.7	1
28	10	492	37.9841	89.3304	-159.2	PPCA-1	2.64	1.17	0.40	0.0	0.0	6.594	782.	36.	12.	766.4	26.7	1
29	10	476	37.9836	89.3304	-154.2	PPCA-1	3.59	1.43	0.48	0.0	0.0	7.453	808.	48.	9.	765.9	26.7	1
30	10	452	37.9830	89.3304	-147.2	PPCA-1	2.79	1.05	0.27	0.0	0.0	10.337	780.	43.	10.	764.3	26.6	1
31	0	456	37.9825	89.3302	-133.5	PPCA-1	5.22	2.81	0.21	0.539	13.374	24.822	859.	34.	4.	763.8	26.6	1
32	0	472	37.9819	89.3302	-122.0	PPCA-1	2.45	1.93	0.62	0.788	3.115	3.950	912.	40.	7.	766.4	26.6	1
33	10	480	37.9813	89.3302	-123.2	PPCA-1	4.02	1.24	0.63	0.0	0.0	6.387	976.	43.	9.	767.4	26.6	1
34	0	476	37.9807	89.3302	-130.2	PPCA-1	3.95	1.94	0.72	0.490	2.685	5.475	1040.	48.	11.	766.4	26.6	1
35	0	472	37.9802	89.3302	-132.7	PPCA-1	2.95	4.00	0.78	1.357	5.108	3.764	1208.	33.	7.	765.4	26.6	1
36	10	468	37.9796	89.3302	-130.5	PPCA-1	4.79	1.52	1.04	0.0	0.0	4.618	1268.	48.	10.	765.4	26.5	1
37	0	456	37.9790	89.3302	-130.2	PPCA-1	7.37	1.90	0.88	0.258	2.168	8.391	1335.	42.	8.	766.4	26.5	1
38	0	464	37.9784	89.3302	-128.7	PPCA-1	5.21	3.31	0.98	0.634	3.367	5.308	1505.	33.	11.	767.4	26.5	1
39	0	464	37.9779	89.3302	-125.0	PPCA-1	6.27	2.67	1.04	0.426	2.580	6.056	1480.	44.	7.	765.4	26.5	1
40	0	456	37.9774	89.3302	-122.2	PPCA-1	6.16	3.70	1.02	0.601	3.621	6.025	1508.	45.	6.	765.4	26.5	1
41	0	444	37.9768	89.3302	-119.5	PPCA-1	6.38	3.37	0.85	0.528	3.960	7.506	1456.	44.	5.	766.9	26.6	1
42	0	444	37.9762	89.3302	-115.5	PPCA-1	5.07	2.17	1.06	0.428	2.050	4.788	1409.	36.	8.	766.9	26.6	1
43	0	448	37.9756	89.3301	-113.0	PPCA-1	4.45	3.05	1.11	0.686	2.751	4.010	1458.	46.	7.	765.9	26.6	1
44	0	440	37.9751	89.3301	-107.3	PPCA-1	4.05	2.20	1.15	0.544	1.917	3.522	1460.	50.	15.	766.4	26.6	1
45	0	364	37.9745	89.3301	-103.5	PPCA-1	5.91	2.38	0.86	0.403	2.780	6.901	1305.	41.	8.	767.4	26.6	1
46	0	348	37.9739	89.3301	-99.5	PPCA-1	6.19	3.59	0.64	0.579	5.626	9.710	1270.	33.	7.	766.9	26.6	1
47	10	352	37.9733	89.3301	-96.5	PPCA-1	4.97	1.28	0.98	0.0	0.0	5.092	1303.	34.	12.	764.9	26.6	1
48	0	356	37.9728	89.3301	-91.3	PPCA-1	5.21	2.33	0.92	0.447	2.530	5.661	1302.	54.	11.	765.9	26.6	1
49	0	360	37.9722	89.3301	-85.5	PPCA-1	4.51	3.06	0.76	0.679	4.014	5.909	1206.	39.	7.	768.0	26.6	1
50	0	364	37.9717	89.3300	-81.3	PPCA-1	3.34	2.31	0.92	0.690	2.501	3.627	1271.	43.	10.	766.9	26.6	1
51	0	380	37.9711	89.3300	-78.3	PPCA-1	4.48	2.04	0.83	0.456	2.471	5.420	1273.	33.	10.	765.9	26.6	1
52	0	388	37.9705	89.3300	-73.3	PPCA-1	3.40	3.12	0.67	0.917	4.620	5.036	1173.	40.	10.	765.9	26.6	1
53	0	384	37.9699	89.3300	-66.5	PPCA-1	3.00	1.62	0.61	0.540	2.639	4.883	1075.	36.	9.	765.9	26.6	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
54	10	412	37.9694	89.3300	-61.8	PPCA-1	3.00	0.91	0.61	0.0	0.0	4.897	1053.	34.	14.	765.9	26.6	1
55	0	444	37.9688	89.3300	-57.0	PPCA-1	3.42	3.84	0.65	1.123	5.871	5.231	1217.	36.	8.	765.4	26.6	1
56	0	412	37.9682	89.3299	-51.3	PPCA-1	4.13	2.34	0.73	0.566	3.218	5.682	1240.	37.	7.	765.4	26.6	1
57	10	416	37.9677	89.3299	-47.0	PPCA-1	5.67	1.41	0.98	0.0	0.0	5.776	1430.	32.	11.	766.4	26.6	1
58	0	456	37.9671	89.3299	-38.8	PPCA-1	6.19	3.42	1.03	0.552	3.304	5.985	1577.	30.	5.	765.9	26.6	1
59	0	460	37.9666	89.3299	-31.3	PPCA-1	6.41	2.25	1.64	0.351	1.371	3.910	1628.	44.	8.	765.9	26.5	1
60	0	460	37.9660	89.3299	-29.8	PPCA-1	7.51	2.25	1.26	0.299	1.782	5.957	1557.	35.	7.	766.4	26.3	1
61	0	468	37.9654	89.3299	-24.0	PPCA-1	8.88	3.20	1.21	0.361	2.643	7.330	1738.	43.	10.	765.4	26.5	1
62	0	460	37.9648	89.3298	-16.8	PPCA-1	8.98	3.23	1.22	0.360	2.656	7.387	1728.	38.	8.	765.9	26.5	1
63	10	460	37.9643	89.3298	-11.3	PPCA-1	7.98	1.37	1.27	0.0	0.0	6.270	1635.	41.	13.	765.9	26.5	1
64	10	472	37.9637	89.3298	-5.5	PPCA-1	6.95	1.47	1.34	0.0	0.0	5.190	1652.	42.	11.	764.9	26.5	1
65	0	484	37.9631	89.3298	0.3	PPCA-1	4.35	5.33	1.25	1.225	4.259	3.478	1639.	40.	11.	766.4	26.5	1
66	0	492	37.9626	89.3298	5.5	PPCA-1	5.43	2.09	1.35	0.385	1.546	4.015	1656.	35.	13.	766.9	26.5	1
67	10	492	37.9620	89.3298	11.8	PPCA-1	9.44	0.38	1.52	0.0	0.0	6.221	1672.	40.	15.	765.4	26.5	1
68	0	488	37.9615	89.3298	18.0	PPCA-1	5.86	2.45	1.31	0.418	1.869	4.469	1652.	26.	12.	765.4	26.5	1
69	0	480	37.9609	89.3297	23.8	PPCA-1	5.71	2.75	1.23	0.482	2.235	4.639	1695.	31.	13.	765.9	26.5	1
70	10	488	37.9603	89.3297	29.8	PPCA-1	9.78	0.94	1.15	0.0	0.0	8.501	1652.	28.	8.	766.4	26.4	1
71	0	480	37.9597	89.3297	35.8	PPCA-1	8.61	4.78	1.16	0.555	4.131	7.446	1761.	38.	8.	766.4	26.3	1
72	0	476	37.9592	89.3297	38.3	PPCA-1	7.44	3.56	1.18	0.478	3.024	6.321	1700.	33.	13.	765.4	26.4	1
73	10	472	37.9586	89.3297	46.3	PPCA-1	7.70	1.50	1.03	0.0	0.0	7.483	1627.	38.	12.	766.4	26.4	1
74	0	472	37.9580	89.3297	51.5	PPCA-1	4.05	4.98	1.00	1.229	4.981	4.054	1667.	48.	14.	766.4	26.3	1
75	0	476	37.9574	89.3297	55.3	PPCA-1	7.63	2.83	1.44	0.371	1.968	5.303	1800.	35.	5.	764.9	26.4	1
76	0	480	37.9569	89.3297	62.3	PPCA-1	4.79	3.20	1.30	0.668	2.458	3.678	1709.	35.	9.	765.9	26.5	1
77	0	480	37.9564	89.3297	68.0	PPCA-1	7.87	5.72	1.15	0.726	4.994	6.875	1757.	45.	7.	766.9	26.5	1
78	0	480	37.9558	89.3297	71.8	PPCA-1	7.15	4.12	0.95	0.576	4.353	7.551	1737.	35.	9.	766.4	26.5	1
79	0	480	37.9552	89.3297	77.3	PPCA-1	10.39	3.66	1.39	0.352	2.637	7.494	1824.	36.	2.	764.9	26.5	1
80	0	476	37.9546	89.3297	83.8	QAL	7.36	2.80	1.16	0.380	2.410	6.346	1704.	33.	9.	765.9	26.5	1
81	0	472	37.9541	89.3295	89.8	QAL	6.94	2.40	1.20	0.346	1.999	5.781	1648.	38.	10.	766.9	26.4	1
82	0	468	37.9535	89.3295	95.5	QAL	7.27	1.91	0.95	0.263	2.023	7.681	1691.	36.	12.	765.4	26.4	1
83	0	464	37.9529	89.3295	101.5	QAL	6.46	3.30	1.68	0.511	1.964	3.842	1698.	37.	9.	765.4	26.5	1
84	0	472	37.9523	89.3295	106.0	QAL	6.79	1.87	1.24	0.275	1.510	5.495	1655.	27.	11.	766.9	26.5	1
85	0	480	37.9518	89.3295	110.0	QAL	8.01	5.20	1.07	0.650	4.845	7.457	1716.	35.	11.	765.9	26.5	1
86	10	476	37.9512	89.3295	115.2	QAL	8.13	0.99	1.57	0.0	0.0	5.184	1640.	45.	11.	766.4	26.5	1
87	0	480	37.9507	89.3295	120.5	QAL	8.62	4.25	1.18	0.493	3.613	7.325	1679.	30.	11.	766.9	26.6	1
88	0	480	37.9501	89.3295	123.5	PPCA-1	6.69	2.21	1.28	0.331	1.734	5.244	1631.	47.	12.	765.9	26.5	1
89	10	472	37.9495	89.3295	129.5	PPCA-1	7.28	1.56	1.25	0.0	0.0	5.843	1706.	44.	10.	766.9	26.5	1
90	0	452	37.9490	89.3295	136.5	PPCA-1	8.72	1.92	1.44	0.221	1.337	6.058	1674.	45.	10.	766.9	26.5	1
91	10	444	37.9484	89.3295	139.5	PPCA-1	10.41	0.49	1.14	0.0	0.0	9.145	1623.	42.	11.	765.9	26.5	1
92	0	436	37.9478	89.3294	143.0	PPCA-1	7.63	1.91	1.21	0.250	1.582	6.335	1650.	47.	9.	766.9	26.5	1
93	10	428	37.9472	89.3294	149.0	PPCA-1	8.12	1.24	1.40	0.0	0.0	5.816	1751.	46.	13.	766.4	26.5	1
94	10	432	37.9467	89.3294	151.0	PPCA-1	8.70	1.45	1.18	0.0	0.0	7.348	1669.	37.	9.	765.9	26.5	1
95	0	428	37.9461	89.3294	154.0	PPCA-1	6.70	2.52	1.20	0.376	2.091	5.561	1690.	37.	13.	766.9	26.6	1
96	0	424	37.9456	89.3294	158.0	PPCA-1	8.54	1.90	1.27	0.223	1.503	6.744	1722.	38.	14.	766.9	26.6	1
97	0	432	37.9450	89.3294	160.7	PPCA-1	7.66	2.23	1.17	0.292	1.904	6.526	1658.	44.	12.	766.4	26.6	1
98	0	416	37.9444	89.3294	164.0	PPCA-1	7.06	3.06	1.23	0.433	2.481	5.725	1611.	28.	14.	766.4	26.6	1
99	10	416	37.9438	89.3294	168.0	PPCA-1	7.67	1.01	1.36	0.0	0.0	5.659	1692.	38.	17.	765.9	26.6	1
100	0	412	37.9433	89.3293	172.5	PPCA-1	7.49	2.26	1.04	0.302	2.175	7.214	1653.	36.	17.	766.4	26.6	1
101	0	408	37.9427	89.3293	173.5	PPCA-1	7.28	3.45	1.18	0.474	2.911	6.143	1687.	37.	14.	767.4	26.6	1
102	0	404	37.9421	89.3293	173.5	PPCA-1	6.79	4.27	1.02	0.629	4.191	6.661	1715.	30.	13.	766.9	26.6	1
103	0	400	37.9416	89.3293	176.0	PPCA-1	8.12	3.96	1.25	0.488	3.165	6.488	1724.	33.	12.	766.9	26.6	1
104	0	396	37.9410	89.3293	179.2	PPCA-1	9.00	3.63	1.05	0.404	3.468	8.585	1751.	38.	10.	767.4	26.6	1
105	0	388	37.9405	89.3293	181.0	PPCA-1	7.07	2.90	1.14	0.411	2.544	6.191	1623.	41.	10.	768.5	26.6	1
106	0	388	37.9399	89.3293	184.0	PPCA-1	8.96	2.83	1.13	0.316	2.503	7.926	1690.	43.	10.	767.4	26.6	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
107	0	392	37.9393	89.3292	183.5	PPCA-1	7.00	5.85	1.22	0.836	4.792	5.731	1704.	38.	6.	766.4	26.6	1
108	0	388	37.9388	89.3292	183.5	PPCA-1	7.73	2.71	1.47	0.350	1.840	5.256	1753.	48.	8.	766.4	26.7	1
109	10	384	37.9382	89.3292	184.7	PPCA-1	6.71	0.92	1.51	0.0	0.0	4.448	1721.	45.	8.	768.0	26.7	1
110	0	376	37.9376	89.3292	185.2	PPCA-1	8.10	2.08	1.09	0.256	1.904	7.425	1675.	35.	8.	768.0	26.7	1
111	0	364	37.9370	89.3292	187.5	PPCA-1	7.64	3.13	1.25	0.409	2.506	6.123	1660.	42.	8.	766.9	26.7	1
112	0	364	37.9365	89.3292	188.2	PPCA-1	8.27	3.11	1.23	0.376	2.525	6.715	1804.	26.	9.	766.9	26.8	1
113	0	372	37.9359	89.3291	186.0	PPCA-1	7.76	2.32	1.29	0.299	1.808	6.038	1780.	29.	12.	768.0	26.9	1
114	0	376	37.9353	89.3291	185.5	PPCA-1	6.95	4.72	0.98	0.679	4.820	7.095	1703.	43.	11.	768.0	26.8	1
115	10	384	37.9348	89.3291	184.0	PPCA-1	11.20	1.42	1.10	0.0	0.0	10.201	1825.	43.	11.	766.4	26.8	1
116	0	384	37.9342	89.3291	184.5	PPCA-1	7.27	2.84	1.10	0.390	2.569	6.582	1673.	44.	12.	765.4	26.8	1
117	10	388	37.9337	89.3291	186.7	PPCA-1	9.08	1.18	1.11	0.0	0.0	8.203	1653.	40.	14.	765.9	26.8	1
118	0	388	37.9331	89.3291	183.5	PPCA-1	7.40	3.01	1.11	0.407	2.708	6.658	1723.	42.	10.	766.9	26.8	1
119	0	388	37.9325	89.3291	181.0	PPCA-1	6.48	2.50	1.28	0.386	1.960	5.076	1686.	50.	12.	767.4	26.8	1
120	0	396	37.9319	89.3291	182.0	PPCA-1	9.10	2.91	1.49	0.320	1.957	6.114	1782.	34.	6.	766.9	26.8	1
121	0	404	37.9314	89.3291	180.2	PPCA-1	7.95	1.66	1.40	0.209	1.190	5.689	1715.	38.	8.	766.9	26.7	1
122	0	400	37.9308	89.3291	178.0	PPCA-1	8.85	2.42	1.23	0.274	1.967	7.180	1719.	25.	6.	766.9	26.7	1
123	0	400	37.9302	89.3290	178.2	PPCA-1	7.79	2.70	1.32	0.346	2.053	5.926	1604.	37.	6.	766.9	26.7	1
124	0	408	37.9297	89.3290	176.0	PPCA-1	5.46	2.72	1.43	0.498	1.899	3.813	1616.	26.	7.	768.5	26.8	1
125	0	404	37.9291	89.3290	173.0	PPCA-1	4.25	3.98	1.12	0.935	3.537	3.783	1672.	28.	9.	768.0	26.8	1
126	0	396	37.9285	89.3289	172.0	PPCA-1	7.77	2.04	1.16	0.262	1.761	6.712	1522.	37.	8.	766.9	26.8	1
127	0	396	37.9280	89.3289	171.5	PPCA-1	5.97	3.37	0.98	0.564	3.429	6.081	1540.	37.	10.	768.0	26.8	1
128	0	364	37.9274	89.3289	168.0	PPCA-1	5.59	1.49	1.13	0.267	1.318	4.936	1401.	36.	11.	768.0	26.8	1
129	0	348	37.9268	89.3289	166.0	PPCA-1	5.21	1.29	1.04	0.247	1.242	5.017	1403.	43.	10.	766.4	26.8	1
130	0	340	37.9262	89.3289	165.0	PPCA-1	6.68	1.78	0.91	0.266	1.956	7.349	1405.	32.	12.	766.4	26.8	1
131	0	348	37.9257	89.3289	161.7	PPCA-1	6.49	1.44	1.08	0.221	1.332	6.018	1393.	43.	14.	766.9	26.8	1
132	0	352	37.9251	89.3288	158.0	PPCA-1	7.03	2.04	1.02	0.290	1.997	6.881	1430.	40.	11.	767.4	26.8	1
133	0	384	37.9246	89.3288	157.2	PPCA-1	4.77	2.95	1.01	0.620	2.938	4.740	1525.	46.	11.	767.4	26.8	1
134	0	396	37.9240	89.3288	154.7	PPCA-1	6.46	3.42	0.86	0.530	3.987	7.529	1636.	34.	6.	767.4	26.8	1
135	0	396	37.9234	89.3288	150.5	PPCA-1	6.94	2.25	1.33	0.324	1.695	5.226	1684.	29.	2.	766.9	26.8	1
136	0	396	37.9229	89.3288	147.2	PPCA-1	8.74	4.06	1.04	0.465	3.927	8.446	1674.	34.	2.	765.4	26.7	1
137	0	408	37.9223	89.3288	146.2	PPCA-1	7.04	3.19	1.34	0.454	2.379	5.245	1728.	35.	3.	766.9	26.7	1
138	0	416	37.9217	89.3288	145.7	PPCA-1	6.06	4.55	1.06	0.750	4.283	5.709	1629.	49.	1.	768.0	26.6	1
139	0	424	37.9211	89.3288	140.0	PPCA-1	7.31	4.34	1.00	0.594	4.360	7.344	1654.	41.	0.	766.9	26.6	1
140	0	436	37.9206	89.3288	136.7	PPCA-1	5.59	4.30	1.11	0.768	3.861	5.028	1667.	46.	5.	765.9	26.6	1
141	0	444	37.9200	89.3288	134.0	PPCA-1	6.86	2.61	1.30	0.381	2.006	5.267	1558.	36.	7.	765.9	26.6	1
142	0	448	37.9194	89.3288	130.2	PPCA-1	7.31	2.27	1.42	0.311	1.601	5.156	1622.	47.	7.	766.4	26.6	1
143	0	440	37.9189	89.3288	128.5	PPCA-1	8.69	2.30	1.10	0.265	2.087	7.887	1665.	33.	8.	766.9	26.6	1
144	0	432	37.9184	89.3288	126.5	PPCA-1	6.31	2.70	1.14	0.429	2.367	5.522	1593.	48.	10.	765.9	26.6	1
145	0	424	37.9178	89.3287	124.0	PPCA-1	7.71	2.95	0.89	0.383	3.310	8.635	1629.	37.	9.	765.9	26.6	1
146	10	416	37.9172	89.3287	120.7	PPCA-1	9.09	0.97	1.11	0.0	0.0	8.205	1643.	35.	9.	768.0	26.7	1
147	0	400	37.9166	89.3287	119.2	PPCA-1	7.41	3.65	1.27	0.492	2.867	5.823	1690.	43.	9.	766.9	26.7	1
148	0	400	37.9160	89.3287	116.2	PPCA-1	5.77	3.31	0.86	0.574	3.837	6.684	1666.	35.	12.	765.4	26.7	1
149	0	400	37.9155	89.3287	112.7	PPCA-1	8.98	3.67	1.13	0.408	3.231	7.912	1771.	32.	7.	766.9	26.7	1
150	0	400	37.9149	89.3287	109.8	PPCA-1	7.66	1.55	1.37	0.202	1.136	5.610	1607.	40.	6.	766.9	26.8	1
151	0	404	37.9143	89.3286	105.5	PPCA-1	7.27	4.99	0.92	0.687	5.408	7.875	1688.	43.	4.	765.9	26.8	1
152	0	408	37.9138	89.3286	103.0	PPCA-1	7.37	3.70	1.09	0.502	3.403	6.777	1682.	34.	6.	766.9	26.7	1
153	0	412	37.9132	89.3286	100.0	PPCA-1	6.26	4.21	1.04	0.672	4.042	6.017	1752.	60.	6.	766.9	26.6	1
154	0	408	37.9127	89.3286	96.5	PPCA-1	8.39	2.76	1.03	0.329	2.687	8.156	1650.	37.	5.	765.9	26.6	1
155	0	412	37.9121	89.3286	93.0	PPCA-1	6.50	4.04	1.08	0.621	3.738	6.020	1644.	38.	7.	764.9	26.6	1
156	0	416	37.9115	89.3286	90.5	PPCA-1	9.50	3.89	1.04	0.410	3.744	9.130	1717.	39.	0.	765.9	26.6	1
157	0	416	37.9109	89.3286	85.5	PPCA-1	5.99	3.82	1.21	0.637	3.167	4.970	1638.	46.	5.	766.9	26.6	1
158	0	412	37.9104	89.3285	81.5	PPCA-1	7.56	2.77	1.22	0.367	2.277	6.201	1675.	30.	5.	766.4	26.6	1
159	0	412	37.9098	89.3285	78.3	PPCA-1	7.45	2.87	1.53	0.386	1.877	4.866	1632.	40.	7.	766.4	26.6	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
160	0	404	37.9092	89.3285	79.3	PPCA-1	8.03	1.63	1.22	0.203	1.333	6.566	1562.	36.	10.	768.5	26.6	1
161	0	396	37.9087	89.3285	79.0	PPCA-1	7.40	2.49	1.03	0.337	2.411	7.158	1579.	39.	13.	768.5	26.6	1
162	0	396	37.9081	89.3285	76.5	PPCA-1	5.90	2.07	1.37	0.351	1.512	4.314	1705.	44.	16.	766.4	26.6	1
163	10	396	37.9075	89.3285	70.8	PPCA-1	10.04	1.39	1.21	0.0	0.0	8.275	1653.	34.	19.	766.4	26.6	1
164	0	400	37.9070	89.3284	66.3	PPCA-1	7.99	1.98	1.23	0.247	1.609	6.503	1778.	34.	20.	766.9	26.6	1
165	10	408	37.9064	89.3284	62.5	PPCA-1	8.39	1.13	1.53	0.0	0.0	5.487	1779.	37.	20.	766.9	26.6	1
166	10	420	37.9058	89.3284	58.0	PPCA-1	8.59	-0.52	1.72	0.0	0.0	4.987	1806.	42.	21.	768.0	26.6	1
167	10	428	37.9053	89.3284	55.0	PPCA-1	7.36	1.45	1.51	0.0	0.0	4.864	1733.	44.	19.	768.0	26.8	1
168	0	428	37.9047	89.3284	51.3	PPS	6.71	2.22	1.16	0.331	1.907	5.759	1701.	45.	18.	765.9	26.8	1
169	10	436	37.9041	89.3284	47.3	PPS	8.05	0.85	1.40	0.0	0.0	5.733	1727.	43.	17.	765.9	26.8	1
170	0	440	37.9035	89.3284	44.8	PPS	5.01	3.00	1.05	0.599	2.863	4.776	1718.	40.	16.	766.9	26.6	1
171	0	440	37.9030	89.3284	41.5	PPS	9.76	3.44	1.06	0.353	3.260	9.239	1652.	40.	9.	767.4	26.6	1
172	0	440	37.9024	89.3284	36.3	PPS	5.97	3.56	1.08	0.596	3.284	5.506	1660.	36.	8.	767.4	26.6	1
173	0	440	37.9019	89.3284	33.8	PPS	5.08	2.49	1.13	0.490	2.203	4.494	1595.	40.	12.	767.4	26.6	1
174	0	436	37.9013	89.3284	34.5	PPS	6.20	5.51	0.91	0.889	6.069	6.828	1655.	42.	7.	766.9	26.6	1
175	0	432	37.9007	89.3284	30.5	PPS	8.24	2.09	1.03	0.254	2.035	8.006	1659.	50.	9.	765.9	26.6	1
176	0	424	37.9002	89.3284	24.5	PPS	7.92	2.76	1.07	0.349	2.586	7.408	1615.	49.	7.	765.9	26.6	1
177	0	420	37.8996	89.3282	22.3	PPS	7.24	2.21	1.21	0.305	1.826	5.998	1622.	45.	9.	766.9	26.6	1
178	0	420	37.8990	89.3282	19.0	PPS	9.28	2.15	1.18	0.231	1.822	7.878	1660.	45.	8.	767.4	26.6	1
179	10	424	37.8984	89.3282	13.5	PPS	6.86	1.26	1.20	0.0	0.0	5.710	1654.	41.	7.	766.4	26.6	1
180	0	428	37.8979	89.3282	10.8	PPS	8.08	1.81	1.25	0.224	1.441	6.437	1773.	31.	11.	765.9	26.6	1
181	0	432	37.8974	89.3282	8.5	PPS	5.20	4.07	0.90	0.784	4.552	5.808	1746.	41.	9.	766.9	26.6	1
182	0	436	37.8968	89.3282	5.5	PPS	7.02	2.55	1.38	0.363	1.846	5.079	1654.	36.	10.	768.5	26.6	1
183	0	436	37.8962	89.3282	-0.8	PPS	7.41	3.77	1.15	0.509	3.279	6.441	1742.	51.	9.	767.4	26.6	1
184	0	440	37.8956	89.3282	-3.3	PPS	9.55	4.23	1.15	0.443	3.692	8.333	1840.	43.	12.	766.4	26.6	1
185	0	444	37.8951	89.3281	-5.3	PPS	5.65	3.96	1.41	0.701	2.802	3.999	1788.	39.	14.	767.4	26.6	1
186	10	440	37.8945	89.3281	-8.3	PPS	8.85	1.19	1.28	0.0	0.0	6.890	1648.	56.	14.	766.4	26.6	1
187	0	436	37.8939	89.3281	-11.5	PPS	5.71	2.97	1.29	0.520	2.298	4.421	1714.	46.	14.	765.4	26.6	1
188	0	436	37.8933	89.3281	-14.5	PPS	6.16	2.73	1.28	0.443	2.137	4.827	1793.	49.	11.	766.4	26.6	1
189	0	436	37.8928	89.3281	-19.8	PPS	8.47	4.28	1.08	0.505	3.957	7.828	1825.	45.	9.	767.4	26.6	1
190	0	440	37.8922	89.3281	-21.5	PPS	8.37	3.07	1.62	0.367	1.894	5.156	1875.	42.	10.	768.5	26.6	1
191	0	440	37.8916	89.3281	-24.3	PPS	9.23	2.68	1.31	0.290	2.037	7.020	1742.	37.	7.	767.4	26.6	1
192	0	440	37.8911	89.3281	-27.8	PPS	6.73	2.76	1.30	0.410	2.125	5.179	1755.	42.	11.	765.9	26.5	1
193	0	440	37.8905	89.3281	-30.8	PPS	10.46	2.57	1.13	0.246	2.284	9.289	1776.	27.	9.	766.9	26.5	1
194	0	440	37.8899	89.3281	-32.5	PPS	9.34	1.92	1.54	0.205	1.243	6.056	1921.	28.	8.	767.4	26.5	1
195	10	440	37.8893	89.3281	-37.5	PPS	7.86	1.57	1.32	0.0	0.0	5.977	1806.	41.	9.	765.4	26.6	1
196	0	432	37.8887	89.3281	-40.5	PPS	9.96	2.61	1.22	0.263	2.137	8.140	1766.	32.	14.	766.4	26.6	1
197	0	428	37.8881	89.3281	-42.0	PPS	7.03	3.74	1.22	0.532	3.062	5.759	1757.	36.	10.	767.4	26.6	1
198	0	432	37.8875	89.3281	-45.0	PPS	10.26	3.26	1.34	0.318	2.440	7.680	1797.	33.	6.	766.9	26.6	1
199	10	436	37.8870	89.3281	-48.0	PPS	8.56	1.26	1.34	0.0	0.0	6.368	1741.	37.	11.	768.0	26.6	1
200	0	436	37.8864	89.3281	-50.0	PPS	5.91	3.09	1.36	0.523	2.266	4.331	1684.	37.	12.	768.5	26.6	1
201	0	432	37.8858	89.3281	-52.5	PPS	7.09	3.75	1.22	0.530	3.088	5.827	1683.	43.	8.	767.4	26.6	1
202	0	432	37.8852	89.3281	-54.5	PPS	6.65	2.16	1.24	0.326	1.748	5.368	1668.	38.	12.	767.4	26.6	1
203	0	432	37.8847	89.3281	-58.5	PPS	7.60	2.37	1.23	0.312	1.930	6.183	1649.	29.	10.	768.0	26.6	1
204	0	432	37.8841	89.3281	-60.5	PPS	7.14	2.05	1.45	0.287	1.410	4.911	1681.	42.	13.	768.0	26.7	1
205	0	440	37.8835	89.3281	-61.8	PPS	7.97	5.22	1.40	0.655	3.726	5.689	1815.	35.	10.	768.5	26.7	1
206	0	440	37.8829	89.3281	-63.5	PPS	8.47	2.30	1.20	0.271	1.912	7.052	1712.	61.	9.	768.5	26.7	1
207	0	436	37.8823	89.3281	-66.8	PPS	8.32	1.99	1.19	0.239	1.678	7.012	1646.	53.	13.	767.4	26.7	1
208	0	436	37.8817	89.3281	-69.5	PPS	8.52	3.72	1.35	0.436	2.763	6.337	1754.	32.	10.	766.4	26.6	1
209	0	436	37.8812	89.3281	-73.8	PPS	6.67	3.15	1.30	0.472	2.423	5.129	1759.	38.	8.	765.9	26.6	1
210	0	440	37.8806	89.3281	-75.0	PPS	8.05	3.27	1.23	0.406	2.659	6.545	1756.	29.	12.	766.9	26.6	1
211	0	436	37.8800	89.3281	-76.0	PPS	6.58	2.86	1.18	0.435	2.415	5.556	1676.	49.	11.	768.0	26.6	1
212	10	440	37.8794	89.3281	-79.8	PPS	8.96	1.36	1.26	0.0	0.0	7.107	1738.	36.	7.	768.0	26.6	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
213	0	440	37.8788	89.3281	-79.8	PPS	8.66	3.84	1.50	0.443	2.550	5.755	1807.	37.	10.	768.0	26.6	1
214	0	444	37.8782	89.3281	-81.5	PPS	8.37	1.91	1.29	0.229	1.479	6.464	1803.	40.	9.	768.0	26.6	1
215	0	448	37.8777	89.3281	-86.3	PPS	8.10	3.08	1.19	0.380	2.580	6.782	1841.	38.	15.	766.4	26.6	1
216	0	452	37.8771	89.3281	-86.8	PPS	7.08	4.23	1.39	0.598	3.049	5.100	1899.	45.	12.	765.4	26.5	1
217	0	452	37.8765	89.3281	-86.8	PPS	8.61	3.17	1.32	0.368	2.407	6.533	1869.	32.	15.	765.4	26.6	1
218	0	452	37.8760	89.3281	-91.3	PPS	8.10	2.63	1.49	0.325	1.762	5.416	1760.	43.	12.	766.4	26.6	1
219	0	452	37.8754	89.3281	-93.5	PPS	8.50	1.89	1.22	0.222	1.551	6.974	1862.	39.	16.	768.0	26.6	1
220	0	448	37.8748	89.3281	-93.5	PPS	7.43	6.35	1.29	0.855	4.937	5.773	1876.	42.	6.	766.9	26.5	1
221	0	444	37.8742	89.3281	-95.3	PPS	10.06	1.99	1.23	0.198	1.625	8.201	1826.	41.	11.	765.9	26.5	1
222	0	444	37.8736	89.3281	-96.8	QAL	6.38	4.27	1.67	0.670	2.556	3.818	1810.	37.	10.	768.0	26.5	1
223	0	444	37.8730	89.3281	-98.5	QAL	6.23	3.27	1.25	0.526	2.611	4.966	1783.	40.	8.	768.0	26.5	1
224	0	440	37.8725	89.3281	-100.3	QAL	6.31	3.14	1.29	0.497	2.423	4.874	1770.	43.	8.	767.4	26.5	1
225	0	440	37.8719	89.3281	-101.3	QAL	8.07	2.56	1.46	0.318	1.757	5.527	1753.	36.	2.	767.4	26.5	1
226	0	436	37.8713	89.3281	-105.0	QAL	5.39	4.30	1.10	0.798	3.900	4.889	1721.	38.	4.	766.4	26.5	1
227	0	436	37.8707	89.3281	-104.0	QAL	7.47	3.71	1.18	0.497	3.145	6.324	1620.	33.	4.	766.4	26.5	1
228	0	448	37.8702	89.3281	-104.5	QAL	7.42	4.96	0.83	0.668	5.941	8.890	1612.	41.	5.	767.4	26.5	1
229	10	452	37.8695	89.3280	-109.5	QAL	9.21	1.54	1.12	0.0	0.0	8.195	1557.	52.	8.	768.5	26.5	1
230	0	456	37.8690	89.3280	-110.3	QAL	5.89	3.46	1.01	0.588	3.435	5.844	1575.	35.	11.	767.4	26.5	1
231	0	444	37.8684	89.3280	-111.3	QAL	5.98	3.91	1.18	0.654	3.325	5.085	1557.	48.	15.	766.4	26.5	1
232	0	448	37.8678	89.3280	-113.7	QAL	7.51	1.86	1.16	0.248	1.607	6.492	1646.	42.	13.	766.4	26.5	1
233	0	448	37.8672	89.3280	-113.7	QAL	6.45	2.12	1.13	0.329	1.875	5.695	1690.	32.	19.	766.4	26.5	1
234	0	444	37.8667	89.3280	-114.5	QAL	9.43	3.34	0.85	0.354	3.947	11.156	1616.	35.	18.	766.4	26.5	1
235	0	444	37.8661	89.3280	-118.0	QAL	4.22	2.95	1.16	0.699	2.534	3.627	1598.	51.	19.	766.4	26.6	1
236	0	448	37.8655	89.3280	-120.7	QAL	6.37	2.84	1.06	0.445	2.667	5.988	1560.	48.	16.	766.4	26.6	1
237	0	448	37.8649	89.3280	-121.2	QAL	5.17	2.83	1.15	0.547	2.463	4.504	1606.	47.	13.	766.9	26.6	1
238	10	444	37.8643	89.3280	-123.0	QAL	7.61	1.60	0.88	0.0	0.0	8.692	1513.	37.	11.	768.0	26.6	1
239	0	452	37.8637	89.3280	-124.7	QAL	6.10	2.22	1.33	0.364	1.674	4.596	1614.	45.	8.	769.0	26.6	1
240	0	440	37.8632	89.3280	-125.7	QAL	7.06	2.90	1.46	0.411	1.992	4.843	1706.	24.	8.	769.0	26.6	1
241	0	420	37.8626	89.3280	-125.2	PPS	6.66	1.45	1.39	0.218	1.040	4.779	1642.	39.	5.	766.9	26.6	1
242	0	420	37.8620	89.3280	-126.5	PPS	7.49	3.09	1.13	0.413	2.728	6.612	1660.	45.	6.	766.9	26.6	1
243	0	424	37.8614	89.3280	-127.2	PPS	6.92	3.84	1.52	0.555	2.532	4.564	1782.	46.	6.	768.5	26.6	1
244	0	432	37.8608	89.3280	-130.0	PPS	5.97	3.75	1.45	0.629	2.587	4.114	1840.	30.	5.	768.5	26.6	1
245	0	424	37.8602	89.3280	-129.7	PPS	7.24	2.43	1.32	0.336	1.836	5.465	1689.	35.	6.	768.5	26.6	1
246	0	436	37.8597	89.3280	-131.0	PPS	7.14	4.96	1.29	0.694	3.830	5.518	1789.	47.	6.	768.5	26.6	1
247	0	440	37.8591	89.3280	-133.0	PPS	8.57	3.34	1.29	0.389	2.594	6.660	1764.	35.	4.	767.4	26.6	1
248	0	444	37.8585	89.3280	-133.7	PPS	6.79	3.20	1.50	0.472	2.130	4.512	1794.	36.	5.	766.4	26.6	1
249	0	432	37.8579	89.3280	-135.2	PPS	5.95	3.67	1.46	0.617	2.515	4.078	1730.	51.	5.	766.4	26.6	1
250	0	428	37.8574	89.3280	-137.2	PPS	7.50	4.82	1.23	0.643	3.929	6.111	1805.	38.	4.	766.9	26.6	1
251	0	428	37.8568	89.3280	-138.0	PPS	5.16	4.82	1.30	0.934	3.718	3.980	1780.	33.	5.	765.9	26.6	1
252	0	436	37.8562	89.3280	-138.5	PPS	6.60	4.54	1.17	0.688	3.870	5.625	1881.	29.	9.	766.9	26.6	1
253	0	432	37.8556	89.3280	-139.0	PPS	6.03	3.63	1.28	0.603	2.836	4.706	1673.	26.	8.	769.0	26.6	1
254	0	432	37.8550	89.3280	-140.2	PPS	7.56	2.14	1.19	0.282	1.799	6.372	1644.	43.	14.	766.9	26.6	1
255	0	436	37.8545	89.3280	-143.5	PPS	7.89	3.19	1.19	0.404	2.680	6.635	1652.	39.	14.	765.9	26.6	1
256	0	448	37.8539	89.3280	-143.2	PPS	8.21	2.43	1.19	0.297	2.044	6.894	1589.	42.	14.	767.4	26.6	1
257	0	432	37.8533	89.3280	-144.2	PPS	7.06	1.98	1.33	0.280	1.490	5.326	1666.	33.	18.	766.4	26.6	1
258	10	436	37.8527	89.3280	-145.2	PPS	7.04	1.41	1.18	0.0	0.0	5.980	1666.	39.	15.	765.9	26.5	1
259	10	444	37.8522	89.3280	-145.5	PPS	7.60	1.08	1.43	0.0	0.0	5.313	1730.	40.	17.	766.9	26.5	1
260	0	432	37.8515	89.3280	-147.5	PPS	7.01	2.73	1.02	0.389	2.679	6.893	1637.	43.	12.	766.4	26.5	1
261	0	412	37.8509	89.3280	-148.7	PPS	5.94	1.69	1.16	0.285	1.453	5.102	1583.	47.	16.	766.4	26.5	1
262	10	384	37.8504	89.3280	-150.0	PPS	7.83	-0.16	1.04	0.0	0.0	7.548	1500.	37.	11.	767.4	26.5	1
263	10	384	37.8498	89.3280	-149.7	PPS	7.30	0.65	1.32	0.0	0.0	5.530	1521.	32.	9.	767.4	26.5	1
264	10	404	37.8492	89.3280	-151.0	PPS	6.96	1.27	1.41	0.0	0.0	4.923	1623.	41.	9.	768.0	26.5	1
265	0	436	37.8486	89.3280	-151.0	PPS	8.36	3.28	1.50	0.392	2.190	5.585	1752.	40.	6.	768.0	26.5	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
266	0	436	37.8481	89.3280	-149.5	PPS	8.35	3.77	1.32	0.452	2.859	6.323	1778.	41.	4.	766.9	26.5	1
267	0	432	37.8475	89.3280	-153.0	PPS	7.58	5.26	1.27	0.693	4.143	5.976	1833.	44.	0.	766.9	26.5	1
268	0	424	37.8469	89.3280	-154.0	PPS	6.27	3.07	1.61	0.490	1.912	3.902	1793.	45.	5.	766.9	26.5	1
269	0	420	37.8463	89.3280	-152.5	PPS	6.01	3.38	1.40	0.563	2.425	4.305	1808.	33.	7.	766.9	26.5	1
270	0	416	37.8457	89.3280	-154.0	PPS	8.87	4.50	1.38	0.507	3.270	6.447	1914.	46.	5.	766.9	26.5	1
271	0	416	37.8452	89.3280	-154.2	PPS	9.99	3.67	1.33	0.368	2.751	7.484	1790.	37.	6.	767.4	26.5	1
272	0	420	37.8446	89.3280	-155.0	PPS	8.28	2.45	1.58	0.296	1.548	5.229	1750.	31.	8.	766.4	26.5	1
273	0	420	37.8440	89.3280	-157.0	PPS	6.12	3.13	1.10	0.512	2.861	5.588	1734.	41.	9.	766.9	26.5	1
274	0	424	37.8434	89.3280	-157.5	PPS	8.61	4.22	1.35	0.490	3.126	6.375	1874.	36.	7.	769.0	26.4	1
275	0	424	37.8428	89.3280	-158.7	PPS	8.29	3.47	1.72	0.419	2.015	4.811	1896.	38.	9.	768.0	26.3	1
276	0	420	37.8422	89.3280	-158.5	PPS	7.17	1.94	1.51	0.270	1.285	4.754	1730.	28.	10.	765.9	26.4	1
277	0	420	37.8417	89.3280	-160.0	PPS	8.86	2.92	1.08	0.330	2.692	8.165	1758.	36.	11.	766.4	26.5	1
278	0	424	37.8411	89.3280	-163.0	PPS	9.23	3.97	1.05	0.431	3.799	8.824	1837.	52.	7.	766.4	26.5	1
279	0	432	37.8405	89.3280	-164.7	PPS	6.84	3.62	1.20	0.529	3.006	5.678	1697.	40.	10.	765.9	26.5	1
280	10	432	37.8399	89.3280	-164.5	PPS	6.61	1.28	1.24	0.0	0.0	5.328	1686.	41.	13.	766.9	26.5	1
281	10	420	37.8394	89.3280	-166.0	QAL	5.41	1.33	1.36	0.0	0.0	3.975	1576.	40.	15.	766.9	26.5	1
282	0	420	37.8388	89.3280	-167.2	QAL	5.15	2.11	1.24	0.409	1.697	4.150	1616.	39.	14.	766.9	26.5	1
283	10	428	37.8382	89.3280	-167.7	QAL	7.53	0.77	1.22	0.0	0.0	6.166	1794.	35.	16.	769.0	26.4	1
284	0	424	37.8376	89.3280	-169.0	QAL	8.25	3.10	0.82	0.376	3.797	10.100	1708.	31.	12.	767.4	26.4	1
285	0	428	37.8370	89.3280	-170.2	QAL	6.60	2.88	1.16	0.437	2.489	5.700	1732.	46.	13.	765.4	26.5	1
286	0	444	37.8364	89.3280	-169.7	QAL	6.64	2.67	1.17	0.403	2.281	5.664	1634.	37.	15.	766.9	26.5	1
287	10	432	37.8358	89.3280	-171.5	QAL	5.48	1.50	0.98	0.0	0.0	5.581	1538.	45.	16.	768.5	26.5	1
288	0	420	37.8353	89.3280	-176.0	QAL	4.45	2.00	1.28	0.449	1.561	3.477	1426.	48.	12.	767.4	26.5	1
289	0	452	37.8347	89.3280	-176.5	QAL	7.59	2.66	1.30	0.350	2.046	5.841	1551.	40.	6.	766.4	26.6	1
290	0	456	37.8342	89.3280	-178.2	QAL	7.42	2.03	1.31	0.274	1.554	5.675	1607.	51.	10.	768.0	26.6	1
291	0	460	37.8335	89.3280	-181.2	QAL	5.33	2.78	1.07	0.522	2.591	4.967	1617.	34.	5.	768.5	26.5	1
292	10	456	37.8329	89.3280	-182.7	QAL	6.75	1.26	1.42	0.0	0.0	4.757	1680.	31.	9.	766.9	26.3	1
293	0	460	37.8324	89.3280	-182.5	QAL	7.90	1.63	1.14	0.206	1.432	6.943	1584.	37.	5.	765.9	26.3	1
294	0	456	37.8318	89.3280	-183.7	QAL	5.78	4.10	1.07	0.710	3.843	5.415	1654.	47.	6.	765.9	26.3	1
295	0	444	37.8312	89.3280	-186.5	QAL	7.13	3.58	1.23	0.502	2.901	5.776	1714.	36.	6.	766.4	26.3	1
296	0	432	37.8306	89.3280	-189.2	QAL	9.05	2.66	1.23	0.294	2.166	7.372	1678.	35.	8.	768.0	26.3	1
297	0	432	37.8301	89.3280	-190.7	QAL	8.84	2.32	1.24	0.262	1.865	7.104	1730.	46.	9.	769.0	26.3	1
298	0	432	37.8295	89.3280	-193.2	QAL	7.61	4.14	1.39	0.544	2.983	5.485	1815.	33.	10.	768.5	26.3	1
299	0	428	37.8289	89.3280	-194.7	PPS	9.04	2.10	1.42	0.232	1.476	6.356	1731.	43.	12.	766.9	26.3	1
300	0	424	37.8283	89.3280	-197.2	PPS	7.02	3.32	1.34	0.473	2.482	5.248	1806.	36.	13.	768.0	26.3	
301	10	424	37.8277	89.3280	-199.5	PPS	8.16	0.54	1.40	0.0	0.0	5.819	1737.	45.	12.	768.5	26.3	1
302	0	424	37.8271	89.3280	-202.0	PPS	4.87	1.81	1.55	0.371	1.165	3.142	1789.	39.	12.	766.4	26.3	1
303	0	432	37.8266	89.3279	-206.0	PPS	9.35	2.73	1.45	0.292	1.882	6.439	1815.	36.	7.	767.4	26.3	1
304	10	440	37.8260	89.3279	-209.7	PPS	7.66	1.65	1.51	0.0	0.0	5.070	1782.	37.	12.	769.5	26.3	1
305	0	444	37.8254	89.3279	-212.0	PPS	6.64	2.40	1.36	0.361	1.764	4.880	1794.	27.	14.	768.5	26.4	1
306	0	436	37.8249	89.3279	-214.0	PPS	7.11	3.81	1.50	0.536	2.549	4.752	1862.	42.	14.	766.4	26.1	1
307	0	420	37.8242	89.3279	-217.0	PPS	6.63	1.86	1.27	0.280	1.461	5.217	1675.	42.	12.	766.4	26.6	1
308	0	416	37.8237	89.3279	-219.7	PPS	7.83	2.45	1.53	0.313	1.601	5.112	1828.	34.	13.	768.0	27.3	1
309	0	420	37.8231	89.3279	-222.2	PPS	6.53	4.25	0.88	0.651	4.816	7.396	1777.	31.	12.	769.0	26.7	1
310	0	436	37.8225	89.3279	-226.5	PPS	7.02	3.20	1.14	0.455	2.805	6.161	1847.	35.	8.	769.0	26.1	1
311	0	428	37.8219	89.3279	-233.0	PPS	8.42	2.43	1.47	0.289	1.657	5.731	1776.	37.	11.	768.0	26.4	1
312	0	420	37.8214	89.3279	-235.5	PPS	7.46	1.75	1.16	0.234	1.511	6.450	1770.	30.	17.	766.9	26.3	1
313	10	416	37.8208	89.3279	-238.5	PPS	7.98	1.59	1.16	0.0	0.0	6.872	1729.	35.	17.	764.9	26.2	1
314	0	420	37.8202	89.3279	-242.2	PPS	6.53	2.43	1.45	0.373	1.679	4.500	1672.	36.	16.	765.9	26.4	1
315	0	424	37.8196	89.3279	-245.5	PPS	8.83	2.16	1.30	0.245	1.668	6.811	1787.	31.	14.	766.9	26.4	1
316	0	428	37.8190	89.3279	-251.2	PPS	7.44	3.17	1.19	0.427	2.669	6.254	1744.	38.	16.	766.9	26.4	1
317	0	432	37.8184	89.3279	-253.5	PPS	5.82	2.33	1.42	0.401	1.647	4.110	1742.	38.	14.	768.0	26.4	1
318	0	440	37.8179	89.3279	-254.2	PPS	9.18	2.46	1.14	0.268	2.166	8.080	1681.	45.	12.	767.4	26.3	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
319	0	440	37.8173	89.3279	-262.5	PPS	5.66	2.09	1.32	0.370	1.584	4.280	1648.	42.	14.	766.4	26.3	1
320	0	436	37.8167	89.3279	-267.0	PPS	5.31	4.29	1.06	0.808	4.048	5.011	1710.	37.	8.	766.9	26.3	1
321	10	432	37.8161	89.3279	-267.5	PPS	6.66	1.48	1.48	0.0	0.0	4.508	1736.	42.	10.	766.9	26.3	1
322	0	428	37.8156	89.3279	-274.0	PPS	8.41	2.84	1.49	0.337	1.911	5.661	1735.	36.	8.	766.4	26.3	1
323	0	424	37.8149	89.3279	-280.0	PPS	6.38	3.13	1.31	0.490	2.385	4.864	1656.	47.	11.	766.4	26.3	1
324	0	424	37.8143	89.3279	-284.5	PPS	7.74	2.91	1.35	0.376	2.158	5.740	1726.	33.	8.	766.9	26.2	1
325	0	424	37.8138	89.3279	-288.0	PPS	7.11	3.27	1.46	0.460	2.237	4.864	1733.	36.	10.	768.5	26.2	1
326	10	424	37.8132	89.3279	-291.5	PPS	8.60	0.48	1.44	0.0	0.0	5.988	1779.	42.	13.	767.4	26.1	1
327	0	424	37.8126	89.3279	-297.2	PPS	7.05	2.18	1.20	0.309	1.816	5.879	1749.	38.	11.	766.9	26.3	1
328	0	420	37.8121	89.3279	-303.0	PPS	7.03	3.27	1.23	0.465	2.665	5.729	1824.	39.	12.	768.0	27.1	1
329	10	416	37.8115	89.3279	-307.0	PPS	8.82	1.36	1.44	0.0	0.0	6.110	1723.	40.	12.	766.9	27.6	1
330	0	412	37.8109	89.3279	-313.0	PPS	9.09	2.97	1.21	0.326	2.443	7.487	1693.	39.	11.	765.9	27.2	1
331	0	412	37.8103	89.3279	-318.2	PPS	10.97	2.56	1.12	0.234	2.291	9.802	1719.	27.	9.	768.0	26.4	1
332	10	412	37.8097	89.3279	-323.5	PPS	9.14	0.63	1.62	0.0	0.0	5.652	1721.	42.	15.	768.5	26.1	1
333	0	408	37.8091	89.3279	-329.7	PPS	7.48	2.30	1.22	0.307	1.882	6.136	1644.	45.	14.	768.5	26.2	1
334	0	408	37.8085	89.3279	-334.0	PPS	9.19	2.97	1.19	0.323	2.502	7.745	1795.	31.	11.	769.5	26.2	1
335	0	404	37.8080	89.3279	-338.5	PPS	9.33	1.84	1.07	0.197	1.719	8.720	1738.	29.	15.	769.5	26.3	1
336	0	408	37.8074	89.3279	-345.0	PPS	5.78	2.14	1.31	0.370	1.631	4.409	1610.	41.	18.	768.5	26.3	1
337	0	408	37.8069	89.3279	-350.7	PPS	6.42	2.45	1.25	0.381	1.956	5.129	1667.	47.	18.	767.4	26.3	1
338	10	408	37.8063	89.3279	-355.0	PPS	7.08	1.38	1.22	0.0	0.0	5.789	1577.	39.	15.	767.4	26.3	1
339	10	408	37.8057	89.3279	-359.7	PPS	7.78	1.33	1.12	0.0	0.0	6.940	1516.	58.	18.	767.4	26.3	1
340	0	412	37.8052	89.3279	-364.2	PPS	6.52	2.98	0.98	0.456	3.031	6.640	1631.	39.	13.	766.9	26.3	1
341	0	416	37.8046	89.3279	-367.5	PPS	5.61	1.77	1.29	0.316	1.373	4.342	1599.	51.	15.	766.9	26.3	1
342	0	416	37.8041	89.3279	-371.5	PPS	4.31	3.90	1.13	0.906	3.444	3.800	1691.	57.	14.	766.9	26.3	1
343	0	412	37.8035	89.3279	-379.2	PPS	6.35	2.86	1.53	0.450	1.869	4.156	1814.	44.	13.	766.9	26.3	1
344	0	416	37.8030	89.3279	-386.7	PPS	5.57	3.70	1.46	0.664	2.534	3.815	1866.	41.	12.	766.9	26.3	1
345	0	420	37.8024	89.3279	-389.2	PPS	7.41	2.94	1.40	0.396	2.102	5.303	1750.	49.	9.	768.0	26.3	1
346	0	420	37.8019	89.3279	-396.0	PPS	7.27	2.93	1.59	0.404	1.846	4.573	1825.	39.	12.	768.0	26.3	1
347	0	420	37.8014	89.3279	-403.0	PPS	5.27	2.80	1.47	0.532	1.903	3.576	1747.	40.	10.	768.5	26.3	1
348	0	420	37.8008	89.3279	-406.2	PPS	6.49	3.24	1.36	0.500	2.377	4.752	1759.	38.	12.	769.5	26.2	1
349	10	424	37.8003	89.3278	-412.2	PPS	9.42	0.75	1.60	0.0	0.0	5.882	1793.	40.	9.	768.5	26.3	1
350	0	424	37.7997	89.3278	-416.0	PPS	8.00	3.64	1.42	0.455	2.563	5.630	1814.	33.	8.	767.4	26.2	1
351	0	416	37.7992	89.3278	-421.5	PPS	7.63	2.12	1.49	0.277	1.422	5.126	1725.	41.	4.	767.4	26.3	1
352	0	416	37.7986	89.3278	-428.2	PPS	4.90	4.24	1.40	0.866	3.038	3.509	1751.	49.	6.	767.4	26.3	1
353	0	416	37.7981	89.3278	-431.7	PPS	8.05	3.59	1.38	0.446	2.595	5.824	1746.	38.	3.	768.0	26.3	1
354	0	404	37.7975	89.3278	-435.2	PPS	8.36	1.78	1.60	0.213	1.118	5.239	1767.	35.	7.	769.0	26.3	1
355	0	404	37.7970	89.3278	-441.5	PPS	8.32	1.72	1.41	0.207	1.221	5.895	1678.	46.	8.	768.0	26.3	1
356	0	396	37.7965	89.3277	-448.0	PPS	6.58	1.83	1.40	0.279	1.308	4.695	1600.	38.	12.	766.9	26.3	1
357	0	392	37.7960	89.3277	-452.7	PPS	7.71	2.80	1.31	0.363	2.137	5.887	1652.	34.	10.	768.0	26.3	1
358	10	380	37.7954	89.3277	-459.5	PPS	6.63	1.49	1.25	0.0	0.0	5.293	1657.	44.	16.	768.0	26.3	1
359	0	372	37.7949	89.3277	-463.5	PPS	4.77	4.25	1.17	0.890	3.621	4.066	1765.	33.	12.	768.5	26.4	1
360	0	356	37.7943	89.3277	-468.2	PPS	4.88	2.33	1.40	0.478	1.673	3.496	1653.	48.	14.	769.5	26.4	1
361	0	348	37.7938	89.3277	-475.2	PPS	7.01	1.81	1.38	0.257	1.312	5.096	1743.	28.	16.	769.5	26.4	1
362	10	344	37.7932	89.3277	-481.0	PPS	7.34	1.14	1.17	0.0	0.0	6.278	1631.	48.	14.	770.5	26.5	1
363	0	348	37.7927	89.3277	-485.7	PPS	6.83	2.09	1.07	0.306	1.950	6.366	1610.	32.	13.	770.5	26.5	1
364	0	352	37.7922	89.3277	-489.0	PPS	5.20	1.99	1.22	0.383	1.634	4.261	1545.	64.	12.	769.5	26.5	1
365	0	360	37.7916	89.3277	-494.5	PPS	6.72	3.60	1.14	0.536	3.152	5.879	1699.	29.	9.	770.5	26.6	1
366	0	376	37.7911	89.3277	-501.7	PPS	4.75	3.62	1.53	0.763	2.363	3.098	1637.	41.	7.	770.0	26.5	1
367	0	380	37.7905	89.3277	-506.2	PPS	5.45	1.80	1.37	0.330	1.315	3.981	1617.	27.	9.	768.5	26.6	1
368	0	388	37.7900	89.3277	-509.5	PPS	7.46	2.44	1.09	0.326	2.242	6.866	1620.	30.	8.	768.5	26.6	1
369	0	384	37.7895	89.3277	-511.2	PPS	6.03	2.57	1.11	0.426	2.313	5.436	1627.	32.	9.	768.5	26.4	1
370	0	392	37.7889	89.3277	-517.5	PPS	5.89	3.76	1.23	0.638	3.061	4.800	1558.	42.	11.	767.4	26.5	1
371	0	404	37.7884	89.3277	-526.0	PPS	4.24	3.63	1.04	0.856	3.485	4.070	1649.	40.	12.	768.0	26.6	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
372	10	420	37.7879	89.3277	-532.7	PPS	7.13	1.51	1.40	0.0	0.0	5.093	1526.	36.	17.	768.0	26.4	1
373	0	424	37.7873	89.3277	-534.0	PPS	6.87	2.07	0.92	0.302	2.257	7.483	1604.	36.	20.	767.4	26.6	1
374	0	420	37.7868	89.3277	-535.2	PPS	5.07	2.31	1.35	0.456	1.710	3.751	1670.	38.	23.	768.0	27.4	1
375	10	424	37.7862	89.3277	-543.7	PPS	7.83	1.59	0.95	0.0	0.0	8.211	1649.	44.	22.	766.9	27.7	1
376	10	428	37.7857	89.3277	-553.2	PPS	5.81	-0.32	1.36	0.0	0.0	4.267	1482.	54.	24.	766.4	27.4	1
377	0	432	37.7851	89.3277	-558.7	PPS	7.06	1.84	1.15	0.260	1.600	6.146	1589.	42.	22.	766.9	26.9	1
378	10	428	37.7846	89.3277	-558.2	PPS	5.90	-0.23	1.30	0.0	0.0	4.550	1428.	41.	20.	766.9	26.3	1
379	10	440	37.7840	89.3277	-560.0	PPS	5.09	1.50	1.13	0.0	0.0	4.495	1652.	40.	20.	766.9	26.3	1
380	0	448	37.7835	89.3277	-563.7	PPS	6.21	2.91	1.22	0.469	2.386	5.086	1621.	38.	13.	768.0	26.4	1
381	0	460	37.7830	89.3276	-570.0	PPS	5.98	2.77	1.30	0.463	2.131	4.598	1689.	46.	11.	767.4	26.2	1
382	10	472	37.7824	89.3276	-576.5	PPS	7.42	1.15	1.42	0.0	0.0	5.208	1612.	43.	7.	766.9	26.5	1
383	0	480	37.7819	89.3276	-582.7	PPS	5.84	1.73	1.36	0.295	1.271	4.302	1588.	43.	9.	766.9	27.3	1
384	0	492	37.7813	89.3276	-589.5	PPS	4.79	4.03	1.09	0.840	3.680	4.379	1540.	44.	8.	765.9	27.5	1
385	0	500	37.7808	89.3276	-597.2	PPS	5.06	2.88	1.29	0.569	2.229	3.918	1513.	46.	5.	764.9	27.2	1
386	0	504	37.7802	89.3276	-608.5	PPS	4.62	3.96	0.79	0.856	5.000	5.838	1440.	37.	6.	765.9	27.2	1
387	0	504	37.7797	89.3276	-615.7	PPS	4.93	2.88	0.84	0.585	3.436	5.876	1356.	38.	8.	766.9	27.2	1
388	0	496	37.7791	89.3276	-614.0	PPS	3.69	2.96	0.87	0.802	3.381	4.214	1233.	34.	5.	766.4	27.1	1
389	10	492	37.7786	89.3276	-599.0	PPS	2.51	1.11	0.87	0.0	0.0	2.880	1207.	42.	13.	765.4	27.0	1
390	10	492	37.7781	89.3276	-569.5	PPS	6.56	0.57	0.72	0.0	0.0	9.091	1165.	39.	14.	764.3	27.0	1
391	0	504	37.7775	89.3276	-558.7	PPS	3.95	1.80	0.65	0.455	2.780	6.110	1251.	40.	11.	764.3	26.9	1
392	0	508	37.7770	89.3275	-574.7	PPS	4.74	3.36	1.03	0.710	3.257	4.587	1319.	36.	11.	764.3	27.0	1
393	10	508	37.7765	89.3275	-596.5	PPS	6.42	1.46	1.01	0.0	0.0	6.328	1407.	40.	15.	763.8	26.7	1
394	0	504	37.7759	89.3275	-609.5	PPS	4.32	2.97	1.26	0.687	2.359	3.435	1476.	40.	13.	764.3	25.8	1
395	0	504	37.7754	89.3275	-619.0	PPS	7.43	1.94	1.20	0.261	1.613	6.181	1402.	27.	10.	764.3	25.6	1
396	0	508	37.7748	89.3275	-625.7	PPS	3.99	1.98	1.07	0.497	1.849	3.721	1343.	36.	12.	764.3	25.7	1
397	0	500	37.7743	89.3275	-631.7	PPS	5.40	1.83	1.06	0.338	1.718	5.077	1334.	44.	10.	764.3	25.7	1
398	0	496	37.7737	89.3275	-638.0	PPS	6.63	3.80	1.48	0.573	2.559	4.467	1554.	38.	5.	765.4	25.7	1
399	0	500	37.7732	89.3275	-639.5	PPS	2.80	3.20	1.02	1.144	3.128	2.736	1531.	37.	10.	764.3	25.6	1
400	0	520	37.7727	89.3275	-643.7	PPS	4.78	4.27	1.21	0.894	3.518	3.937	1552.	39.	6.	764.3	25.8	1
401	0	536	37.7722	89.3275	-648.0	PPS	6.70	2.50	1.33	0.374	1.884	5.039	1626.	43.	8.	764.3	26.4	1
402	10	540	37.7716	89.3275	-651.5	PPS	6.27	0.70	1.11	0.0	0.0	5.663	1614.	28.	15.	764.3	26.8	1
403	10	480	37.7710	89.3275	-656.0	PPS	6.66	1.41	1.32	0.0	0.0	5.029	1457.	37.	15.	764.3	27.0	1
404	10	508	37.7705	89.3275	-658.5	PPS	7.79	1.73	1.05	0.0	0.0	7.401	1422.	40.	15.	765.4	27.1	1
405	10	536	37.7700	89.3275	-663.0	PPS	5.78	1.26	1.53	0.0	0.0	3.768	1591.	37.	20.	765.4	27.2	1
406	10	464	37.7694	89.3275	-666.5	PPS	5.30	0.72	1.02	0.0	0.0	5.204	1371.	34.	15.	765.4	27.2	1
407	10	492	37.7689	89.3275	-672.0	PPS	6.89	1.31	0.85	0.0	0.0	8.069	1415.	38.	14.	765.9	27.1	1
408	10	500	37.7684	89.3275	-676.0	PPS	6.43	1.45	1.15	0.0	0.0	5.593	1510.	33.	14.	766.4	27.2	1
409	0	492	37.7678	89.3274	-680.0	PPS	5.18	2.06	0.97	0.398	2.123	5.332	1442.	38.	13.	766.4	27.0	1
410	10	500	37.7673	89.3274	-683.7	PPS	6.34	1.72	1.24	0.0	0.0	5.105	1504.	41.	15.	766.4	26.0	1
411	0	484	37.7667	89.3274	-684.5	PPS	5.67	2.84	0.75	0.501	3.799	7.583	1351.	37.	12.	765.9	25.7	1
412	10	480	37.7662	89.3274	-686.2	PPS	6.09	1.60	1.07	0.0	0.0	5.670	1364.	30.	9.	765.9	25.9	1
413	10	480	37.7656	89.3274	-691.0	PPS	6.70	1.69	1.16	0.0	0.0	5.758	1351.	38.	12.	766.9	25.8	1
414	10	476	37.7651	89.3274	-692.5	PPS	5.80	1.15	0.79	0.0	0.0	7.325	1365.	39.	15.	765.9	25.8	1
415	10	472	37.7646	89.3274	-694.7	PPS	3.44	0.19	0.93	0.0	0.0	3.711	1188.	43.	15.	765.4	25.8	1
416	0	472	37.7640	89.3274	-697.5	PPS	4.38	1.78	0.74	0.406	2.386	5.876	1201.	50.	9.	766.4	25.8	1
417	0	488	37.7635	89.3274	-681.2	QAL	5.58	1.79	0.79	0.322	2.262	7.035	1264.	25.	13.	765.9	25.8	1
418	0	504	37.7629	89.3274	-663.7	QAL	4.58	2.11	0.72	0.461	2.937	6.372	1312.	35.	14.	765.9	25.7	1
419	0	512	37.7624	89.3274	-676.2	QAL	5.78	2.87	0.75	0.497	3.852	7.756	1340.	34.	10.	765.9	25.6	1
420	0	524	37.7618	89.3274	-696.7	QAL	7.04	2.00	0.81	0.285	2.463	8.650	1406.	41.	10.	764.9	25.8	1
421	0	532	37.7613	89.3274	-703.5	QAL	3.29	6.01	0.45	1.825	13.396	7.339	1424.	47.	10.	765.4	25.6	1
422	0	520	37.7607	89.3274	-707.2	QAL	5.39	3.36	0.96	0.623	3.511	5.638	1399.	30.	11.	765.4	25.9	1
423	0	524	37.7602	89.3274	-714.7	QAL	3.71	4.11	0.95	1.110	4.321	3.895	1376.	50.	7.	764.3	27.1	1
424	10	540	37.7597	89.3274	-718.5	QAL	6.47	0.58	1.14	0.0	0.0	5.695	1503.	34.	15.	764.3	27.2	1

FLIGHT LINE 103 DAY 178 REDUCED DATA TEX-KENT 1979 PADUCAH

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
425	10	536	37.7591	89.3274	-722.0	QAL	6.57	1.54	1.07	0.0	0.0	6.112	1424.	37.	13.	764.9	26.0	1
426	10	520	37.7586	89.3274	-724.2	QAL	5.46	1.53	1.20	0.0	0.0	4.572	1410.	34.	14.	764.9	25.6	1
427	0	524	37.7580	89.3273	-728.2	QAL	5.84	2.16	0.72	0.370	2.988	8.086	1306.	40.	16.	764.9	26.0	1
428	10	528	37.7575	89.3273	-729.5	QAL	6.34	0.23	1.07	0.0	0.0	5.906	1332.	23.	13.	765.4	26.1	1
429	10	532	37.7570	89.3273	-724.2	QAL	6.11	1.74	0.98	0.0	0.0	6.227	1331.	33.	16.	765.4	25.9	1
430	0	544	37.7564	89.3272	-722.2	PPS	3.31	2.99	1.00	0.903	2.983	3.305	1306.	40.	18.	765.4	25.7	1
431	10	520	37.7559	89.3272	-727.2	PPS	3.68	1.27	0.89	0.0	0.0	4.118	1336.	32.	21.	765.9	25.8	1
432	10	468	37.7553	89.3272	-730.5	PPS	4.77	0.68	0.88	0.0	0.0	5.389	1304.	39.	18.	766.9	25.8	1
433	10	452	37.7548	89.3272	-735.7	PPS	6.45	-1.40	1.17	0.0	0.0	5.536	1326.	49.	18.	766.9	25.7	1
434	10	444	37.7542	89.3272	-739.2	PPS	4.07	1.08	0.94	0.0	0.0	4.335	1331.	49.	15.	766.9	25.7	1
435	0	436	37.7537	89.3272	-743.0	PPS	4.63	3.47	1.04	0.750	3.338	4.448	1398.	39.	14.	766.9	25.7	1
436	0	428	37.7532	89.3272	-744.7	PPS	5.13	2.39	0.88	0.466	2.718	5.831	1363.	47.	11.	766.9	25.6	1
437	0	436	37.7527	89.3272	-748.7	PPS	7.34	1.74	1.11	0.237	1.561	6.593	1468.	45.	14.	765.4	25.8	1
438	0	424	37.7521	89.3272	-751.2	PPS	6.58	1.98	0.98	0.301	2.020	6.717	1476.	45.	11.	764.3	25.7	1
439	0	424	37.7515	89.3272	-752.7	PPS	4.49	3.48	1.12	0.775	3.105	4.008	1562.	23.	8.	765.4	25.7	1
440	0	436	37.7511	89.3272	-754.7	PPS	5.55	3.39	1.02	0.610	3.328	5.454	1550.	33.	7.	764.3	25.7	1
441	0	444	37.7505	89.3272	-757.2	PPS	5.80	1.83	1.00	0.316	1.823	5.776	1535.	43.	9.	764.3	25.6	1
442	0	428	37.7499	89.3272	-760.2	PPS	6.04	3.89	0.93	0.644	4.185	6.499	1508.	27.	9.	765.4	25.6	1
443	0	400	37.7494	89.3272	-763.0	PPS	4.52	3.52	1.01	0.778	3.476	4.467	1516.	41.	7.	765.9	25.6	1
444	0	384	37.7489	89.3272	-765.7	PPS	5.82	3.41	1.09	0.586	3.131	5.340	1568.	35.	4.	765.9	25.6	1
445	0	380	37.7483	89.3272	-767.5	PPS	6.14	4.48	0.93	0.730	4.817	6.598	1424.	55.	5.	766.9	25.6	1
446	0	396	37.7478	89.3271	-767.5	PPS	5.58	3.15	0.98	0.563	3.198	5.676	1616.	26.	7.	766.9	25.6	1
447	0	420	37.7472	89.3271	-769.2	PPS	7.29	1.56	1.39	0.214	1.122	5.237	1639.	35.	8.	766.4	25.6	1
448	10	432	37.7467	89.3271	-772.2	PPS	6.90	1.23	1.50	0.0	0.0	4.595	1686.	40.	12.	765.4	25.6	1
449	0	456	37.7462	89.3271	-775.2	PPS	7.97	3.16	1.13	0.397	2.807	7.072	1805.	36.	9.	764.3	25.6	1
450	0	392	37.7456	89.3271	-775.7	PPS	5.43	2.41	1.19	0.443	2.018	4.556	1567.	41.	9.	765.4	25.7	1
451	10	432	37.7451	89.3271	-778.0	PPS	6.29	1.24	1.37	0.0	0.0	4.608	1669.	39.	10.	766.4	25.7	1
452	0	448	37.7445	89.3271	-780.2	PPS	8.44	3.00	1.18	0.355	2.549	7.177	1726.	34.	8.	766.4	25.6	1
453	0	416	37.7440	89.3271	-782.0	PPS	6.31	2.61	1.21	0.414	2.165	5.223	1605.	48.	5.	767.4	25.6	1
454	0	412	37.7434	89.3271	-783.2	PPS	5.90	3.86	1.38	0.653	2.797	4.282	1747.	39.	7.	766.9	25.6	1
455	0	408	37.7429	89.3271	-784.5	PPS	10.07	2.46	1.55	0.244	1.588	6.506	1750.	37.	6.	764.3	25.7	1
456	0	400	37.7424	89.3271	-786.7	PPS	6.43	1.89	1.49	0.294	1.271	4.320	1646.	38.	4.	763.8	25.6	1
457	0	404	37.7418	89.3271	-787.5	PPS	9.94	3.22	1.12	0.324	2.887	8.910	1735.	36.	3.	765.9	25.6	1
458	0	412	37.7413	89.3271	-792.0	PPS	8.92	4.85	0.89	0.544	5.469	10.055	1701.	37.	6.	766.9	25.6	1
459	0	372	37.7407	89.3271	-794.7	PPS	8.38	1.89	1.11	0.225	1.701	7.562	1465.	44.	5.	766.4	25.7	1
460	0	392	37.7402	89.3271	-794.5	PPS	6.47	2.33	1.12	0.360	2.074	5.762	1512.	41.	5.	765.4	25.7	1
461	0	400	37.7396	89.3271	-794.5	PPS	5.62	1.89	1.18	0.337	1.597	4.747	1549.	23.	9.	765.4	25.7	1
462	0	400	37.7391	89.3270	-796.5	PPS	5.54	2.49	1.04	0.450	2.392	5.312	1512.	44.	8.	765.9	25.7	1
463	0	424	37.7385	89.3270	-799.5	PPS	5.40	2.71	1.31	0.502	2.076	4.136	1642.	30.	8.	765.9	25.7	1
464	0	404	37.7380	89.3270	-803.0	PPS	6.46	3.01	1.12	0.466	2.680	5.752	1541.	43.	6.	765.9	25.6	1
465	0	344	37.7375	89.3270	-807.0	PPS	6.19	2.28	1.12	0.368	2.027	5.509	1461.	42.	8.	765.4	25.6	1
466	0	392	37.7369	89.3270	-810.0	PPS	8.17	1.56	1.16	0.191	1.346	7.046	1522.	32.	11.	764.3	25.6	1
467	0	404	37.7364	89.3270	-808.5	PPS	7.00	1.79	1.10	0.256	1.630	6.377	1434.	49.	8.	765.4	25.6	1
468	0	396	37.7359	89.3270	-804.2	PPS	4.88	3.22	0.86	0.660	3.731	5.652	1314.	46.	7.	767.4	25.6	1
469	0	400	37.7353	89.3270	-803.5	PPS	6.25	4.01	0.82	0.641	4.890	7.627	1474.	48.	2.	766.4	25.6	1
470	0	416	37.7347	89.3270	-808.0	PPS	6.62	2.28	1.04	0.344	2.187	6.361	1612.	30.	5.	764.3	25.6	1
471	0	428	37.7342	89.3270	-811.2	PPS	6.76	3.78	1.32	0.558	2.872	5.144	1693.	36.	4.	764.3	25.7	1
472	0	436	37.7337	89.3270	-813.7	PPS	7.80	3.85	1.42	0.493	2.713	5.498	1599.	35.	2.	766.4	25.7	1
473	0	432	37.7332	89.3270	-817.5	PPS	5.63	4.07	1.24	0.724	3.286	4.541	1680.	35.	3.	766.4	25.7	1
474	0	436	37.7326	89.3270	-819.5	PPS	9.82	3.63	1.03	0.370	3.537	9.560	1711.	38.	1.	764.3	25.7	1
475	0	444	37.7321	89.3270	-821.5	PPS	7.30	3.27	1.23	0.448	2.667	5.955	1733.	34.	4.	763.8	25.7	1
476	0	424	37.7316	89.3270	-823.2	PPS	6.87	3.02	1.17	0.440	2.588	5.888	1686.	35.	7.	765.9	25.6	1
477	10	416	37.7310	89.3270	-825.7	PPS	9.11	0.88	1.01	0.0	0.0	9.030	1653.	35.	5.	766.4	25.7	1

FLIGHT LINE 103 DAY 178 REDUCED DATA TEX-KENT 1979 PADUCAH

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK. UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
478	0	432	37.7304	89.3270	-827.7	PPS	6.90	2.28	1.39	0.331	1.639	4.959	1674.	39.	10.	764.3	25.7	1
479	0	404	37.7299	89.3270	-829.5	PPS	5.49	3.09	1.26	0.563	2.450	4.348	1572.	33.	10.	764.3	25.7	1
480	0	400	37.7294	89.3269	-830.5	PPS	6.12	1.99	0.99	0.325	1.999	6.158	1503.	47.	13.	766.4	25.7	1
481	0	404	37.7288	89.3269	-831.7	PPS	6.05	3.14	1.31	0.519	2.392	4.606	1703.	38.	13.	766.4	25.7	1
482	0	412	37.7283	89.3269	-833.0	PPS	6.09	3.87	1.17	0.635	3.302	5.199	1729.	39.	11.	764.3	25.7	1
483	10	408	37.7278	89.3269	-833.5	PPS	8.48	1.49	1.30	0.0	0.0	6.508	1657.	36.	12.	764.3	25.8	1
484	0	412	37.7272	89.3269	-836.7	PPS	9.17	2.14	1.20	0.233	1.782	7.644	1638.	40.	11.	765.9	25.7	1
485	10	412	37.7267	89.3269	-838.5	PPAB	6.90	1.27	1.08	0.0	0.0	6.400	1503.	44.	10.	766.4	25.8	1
486	0	428	37.7261	89.3269	-838.7	PPS	5.94	2.53	0.98	0.426	2.590	6.077	1546.	36.	7.	763.8	25.8	1
487	0	452	37.7256	89.3269	-840.5	PPS	6.18	3.85	1.10	0.623	3.501	5.617	1440.	41.	9.	764.3	25.8	1
488	0	448	37.7250	89.3269	-842.0	PPS	3.87	4.78	0.70	1.236	6.842	5.537	1479.	51.	8.	766.4	25.7	1
489	0	456	37.7245	89.3269	-844.2	PPAB	6.50	2.16	1.38	0.333	1.572	4.721	1657.	37.	6.	764.9	25.7	1
490	0	460	37.7240	89.3269	-845.5	PPAB	7.28	2.67	1.17	0.367	2.284	6.226	1681.	41.	5.	763.3	25.6	1
491	0	468	37.7234	89.3269	-846.2	PPAB	5.63	3.00	1.16	0.533	2.584	4.846	1658.	47.	11.	764.9	25.6	1
492	0	480	37.7229	89.3269	-847.2	PPAB	6.51	2.53	1.28	0.388	1.975	5.084	1612.	33.	14.	764.9	25.6	1
493	0	508	37.7223	89.3269	-850.0	PPAB	8.63	3.23	1.22	0.375	2.643	7.053	1726.	40.	14.	762.8	25.6	1
494	10	516	37.7218	89.3269	-849.7	PPAB	5.34	1.88	1.49	0.0	0.0	3.596	1683.	44.	19.	763.8	25.3	1
495	0	524	37.7212	89.3269	-851.0	PPAB	5.50	3.56	1.16	0.648	3.075	4.744	1768.	39.	22.	764.3	25.4	1
496	10	484	37.7207	89.3269	-852.5	PPAB	6.84	-0.50	1.30	0.0	0.0	5.270	1653.	41.	24.	762.8	25.5	1
497	10	480	37.7201	89.3269	-854.2	PPAB	7.80	1.30	1.03	0.0	0.0	7.585	1672.	25.	21.	763.8	25.5	1
498	10	484	37.7196	89.3268	-857.7	PPAB	7.64	0.80	1.07	0.0	0.0	7.136	1705.	39.	21.	764.3	25.5	1
499	0	476	37.7191	89.3268	-858.5	PPAB	7.98	2.06	1.10	0.258	1.880	7.280	1770.	32.	18.	763.3	25.5	1
500	0	464	37.7185	89.3268	-859.0	PPAB	7.90	2.67	1.04	0.338	2.564	7.593	1664.	44.	17.	764.3	25.5	1
501	10	472	37.7180	89.3268	-860.7	PPAB	7.50	1.58	1.19	0.0	0.0	6.293	1719.	38.	17.	764.3	25.5	1
502	0	464	37.7174	89.3268	-861.2	PPAB	7.08	3.66	1.23	0.517	2.963	5.736	1744.	37.	9.	762.8	25.5	1
503	0	452	37.7169	89.3268	-863.0	PPAB	8.43	1.88	1.45	0.223	1.302	5.833	1755.	42.	15.	763.8	25.5	1
504	0	448	37.7163	89.3268	-863.7	PPAB	8.85	3.55	1.41	0.402	2.514	6.262	1841.	30.	9.	764.3	25.5	1
505	0	440	37.7158	89.3268	-866.0	PPAB	9.46	2.23	1.07	0.236	2.092	8.882	1704.	45.	14.	762.8	25.5	1
506	0	428	37.7152	89.3268	-866.5	PPAB	8.49	2.65	1.34	0.312	1.982	6.348	1724.	46.	9.	764.3	25.5	1
507	0	424	37.7147	89.3268	-869.7	PPAB	6.05	3.35	1.13	0.555	2.974	5.363	1689.	34.	13.	763.8	25.5	1
508	0	424	37.7142	89.3268	-871.7	PPAB	6.76	3.00	1.30	0.445	2.303	5.179	1692.	36.	9.	763.3	25.5	1
509	0	428	37.7137	89.3268	-869.7	PPAB	6.71	3.72	1.16	0.555	3.211	5.787	1783.	40.	6.	764.9	25.5	1
510	0	420	37.7131	89.3268	-870.2	PPAB	7.85	1.72	1.20	0.219	1.436	6.542	1663.	38.	12.	763.8	25.5	1
511	0	412	37.7126	89.3268	-873.2	PPAB	7.49	3.57	1.26	0.476	2.837	5.957	1789.	37.	10.	763.8	25.6	1
512	0	408	37.7121	89.3268	-874.7	PPAB	6.74	4.69	1.06	0.695	4.409	6.345	1655.	39.	7.	765.4	25.5	1
513	0	404	37.7115	89.3268	-877.0	PPAB	6.40	3.60	1.06	0.563	3.415	6.063	1583.	52.	8.	763.8	25.6	1
514	10	404	37.7109	89.3268	-880.5	PPAB	6.49	0.98	1.41	0.0	0.0	4.599	1593.	42.	14.	764.3	25.6	1
515	0	392	37.7104	89.3268	-878.0	PPAB	4.18	3.68	1.16	0.881	3.166	3.594	1515.	38.	11.	764.9	25.6	1
516	0	388	37.7098	89.3268	-873.0	PPAB	6.77	3.42	0.96	0.505	3.566	7.058	1550.	42.	11.	763.8	25.6	1
517	0	392	37.7092	89.3268	-874.2	PPAB	8.62	2.44	1.24	0.283	1.971	6.955	1676.	25.	8.	763.3	25.6	1
518	0	396	37.7087	89.3268	-878.7	PPAB	6.23	4.28	1.01	0.688	4.261	6.194	1626.	54.	11.	763.3	25.7	1
519	0	404	37.7081	89.3268	-881.7	PPAB	7.30	2.27	1.27	0.310	1.779	5.734	1711.	39.	10.	764.3	25.7	1
520	0	416	37.7075	89.3268	-883.5	PPAB	7.25	3.68	1.15	0.507	3.192	6.293	1731.	56.	4.	765.4	25.7	1
521	0	436	37.7069	89.3268	-885.5	PPAB	7.75	1.95	1.48	0.252	1.317	5.226	1753.	41.	11.	763.8	25.7	1
522	0	432	37.7064	89.3269	-885.2	PPAB	7.11	3.13	1.45	0.441	2.163	4.908	1835.	36.	11.	762.8	25.6	1
523	0	432	37.7058	89.3269	-886.2	PPAB	6.11	2.43	1.29	0.398	1.882	4.729	1833.	42.	11.	763.3	25.6	1
524	10	444	37.7052	89.3269	-888.7	PPAB	7.94	1.70	1.43	0.0	0.0	5.567	1749.	38.	12.	762.8	25.6	1
525	0	452	37.7046	89.3269	-891.0	PPAB	6.20	4.02	1.11	0.648	3.602	5.562	1715.	47.	12.	763.3	25.6	1
526	10	468	37.7040	89.3268	-890.2	PPAB	6.87	1.61	1.57	0.0	0.0	4.368	1849.	45.	15.	762.8	25.6	1
527	0	476	37.7034	89.3268	-891.2	PPAB	6.50	2.52	1.19	0.388	2.127	5.484	1746.	44.	17.	763.3	25.6	1
528	10	464	37.7029	89.3269	-893.7	PPAB	8.61	1.91	1.26	0.0	0.0	6.816	1782.	49.	19.	763.8	25.6	1
529	0	464	37.7023	89.3269	-892.5	PPAB	6.32	1.87	1.35	0.296	1.381	4.672	1728.	45.	16.	763.3	25.5	1
530	0	476	37.7017	89.3269	-893.7	PPAB	7.45	4.10	0.93	0.551	4.417	8.016	1767.	40.	15.	763.3	25.5	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
531	0	468	37.7011	89.3269	-895.0	PPAB	6.86	4.33	1.06	0.631	4.095	6.493	1715.	25.	13.	762.8	25.5	1
532	0	468	37.7006	89.3269	-894.5	PPAB	5.79	3.25	1.09	0.561	2.972	5.299	1628.	50.	15.	762.8	25.4	1
533	10	468	37.7000	89.3269	-895.2	PPAB	6.95	0.54	1.23	0.0	0.0	5.664	1590.	46.	14.	763.3	25.4	1
534	0	472	37.6994	89.3270	-897.2	PPAB	8.75	2.45	1.25	0.280	1.958	6.991	1636.	37.	8.	763.8	25.4	1
535	0	496	37.6988	89.3270	-898.0	PPAB	6.87	2.20	1.42	0.321	1.554	4.846	1558.	52.	8.	763.8	25.4	1
536	0	484	37.6982	89.3270	-897.2	PPAB	7.59	2.61	1.20	0.344	2.183	6.350	1510.	29.	8.	763.3	25.4	1
537	0	516	37.6976	89.3270	-901.0	PPAB	6.52	1.87	1.14	0.287	1.645	5.739	1542.	38.	9.	762.8	25.4	1
538	0	500	37.6971	89.3270	-901.5	PPAB	3.88	4.11	0.87	1.059	4.715	4.450	1470.	41.	8.	762.8	25.4	1
539	0	504	37.6965	89.3270	-901.7	QAL	7.00	2.92	1.13	0.417	2.587	6.205	1409.	35.	7.	762.8	25.5	1
540	0	492	37.6959	89.3270	-902.5	QAL	6.22	2.58	0.92	0.415	2.815	6.782	1416.	22.	3.	762.8	25.5	1
541	0	508	37.6954	89.3270	-903.7	QAL	5.41	4.22	1.02	0.780	4.150	5.319	1555.	32.	3.	762.8	25.5	1
542	0	556	37.6948	89.3270	-903.7	QAL	5.23	3.04	1.04	0.581	2.929	5.039	1606.	37.	8.	762.8	25.5	1
543	0	540	37.6942	89.3270	-905.5	QAL	4.70	2.72	0.93	0.578	2.929	5.071	1460.	54.	8.	762.8	25.4	1
544	0	560	37.6936	89.3270	-907.7	QAL	5.01	2.30	0.96	0.459	2.407	5.245	1605.	43.	10.	762.8	25.4	1
545	0	564	37.6930	89.3270	-908.2	QAL	5.84	2.71	0.82	0.464	3.304	7.119	1571.	48.	10.	762.8	25.4	1
546	0	544	37.6924	89.3271	-908.5	QAL	6.43	3.05	0.93	0.475	3.285	6.922	1557.	43.	11.	762.8	25.4	1
547	0	572	37.6918	89.3271	-909.2	QAL	5.98	2.72	1.38	0.454	1.966	4.330	1618.	43.	13.	762.3	25.5	1
548	0	580	37.6913	89.3271	-911.2	QAL	8.45	2.46	1.01	0.292	2.440	8.361	1595.	37.	14.	762.8	25.5	1
549	10	592	37.6907	89.3271	-911.2	PPAB	6.21	2.31	1.01	0.0	0.0	6.124	1691.	34.	20.	762.3	25.5	1
550	10	600	37.6901	89.3271	-911.5	PPAB	5.81	1.64	1.09	0.0	0.0	5.336	1562.	39.	20.	762.3	25.6	1
551	10	556	37.6895	89.3271	-912.0	PPAB	3.45	1.17	1.04	0.0	0.0	3.327	1415.	47.	22.	763.3	25.5	1
552	10	528	37.6890	89.3271	-913.7	PPAB	5.30	-0.33	1.10	0.0	0.0	5.359	1365.	31.	19.	762.3	25.5	1
553	10	540	37.6884	89.3271	-915.7	PPAB	5.25	-0.24	0.96	0.0	0.0	5.460	1313.	38.	21.	761.8	25.5	1
554	10	540	37.6878	89.3271	-916.7	PPAB	4.49	0.35	0.94	0.0	0.0	4.796	1321.	46.	17.	762.3	25.4	1
555	0	504	37.6872	89.3271	-917.5	PPAB	4.66	1.85	1.24	0.397	1.496	3.766	1313.	34.	9.	762.8	25.5	1
556	0	492	37.6866	89.3271	-916.7	PPAB	4.43	2.32	1.13	0.524	2.056	3.924	1392.	38.	8.	762.8	25.4	1
557	0	476	37.6861	89.3271	-918.0	PPAB	7.00	1.93	1.05	0.276	1.849	6.696	1344.	52.	4.	762.3	25.4	1
558	10	476	37.6855	89.3272	-919.2	PPAB	6.41	1.29	0.99	0.0	0.0	6.459	1411.	35.	1.	762.8	25.4	1
559	0	472	37.6849	89.3272	-919.7	PPAB	7.03	2.54	0.74	0.362	3.451	9.537	1381.	45.	0.	762.3	25.4	1
560	0	468	37.6843	89.3272	-920.7	PPAB	5.30	2.42	1.28	0.457	1.891	4.134	1434.	41.	1.	761.2	25.4	1
561	0	460	37.6837	89.3272	-922.0	PPAB	5.44	2.84	0.96	0.522	2.949	5.648	1411.	50.	3.	762.3	25.4	1
562	0	496	37.6832	89.3272	-921.0	PPAB	8.78	2.44	1.24	0.278	1.959	7.059	1659.	42.	6.	761.8	25.4	1
563	0	524	37.6826	89.3272	-923.0	PPAB	6.94	2.06	1.34	0.297	1.536	5.171	1704.	35.	8.	761.2	25.4	1
564	0	500	37.6820	89.3272	-924.5	PPCV	6.67	2.67	1.29	0.399	2.061	5.158	1747.	26.	12.	763.8	25.4	1
565	0	456	37.6814	89.3272	-924.2	PPCV	7.47	2.34	1.34	0.314	1.754	5.595	1598.	28.	14.	762.3	25.5	1
566	10	448	37.6808	89.3272	-925.2	PPCV	7.16	0.65	1.60	0.0	0.0	4.490	1726.	30.	19.	761.2	25.5	1
567	10	432	37.6803	89.3272	-925.7	PPCV	6.84	1.34	1.57	0.0	0.0	4.366	1712.	34.	17.	763.8	25.6	1
568	0	424	37.6797	89.3272	-926.5	PPCV	8.31	2.13	1.24	0.256	1.717	6.697	1698.	47.	14.	762.8	25.6	1
569	10	428	37.6791	89.3272	-928.5	PPCV	7.69	1.73	1.19	0.0	0.0	6.452	1611.	43.	18.	762.3	25.6	1
570	0	432	37.6785	89.3273	-927.5	QAL	6.03	2.06	1.15	0.342	1.797	5.258	1536.	39.	15.	764.3	25.6	1
571	10	464	37.6780	89.3273	-929.5	QAL	6.53	-1.12	1.42	0.0	0.0	4.581	1490.	47.	18.	762.3	25.6	1
572	10	476	37.6774	89.3273	-930.5	QAL	6.29	0.36	1.11	0.0	0.0	5.643	1474.	45.	16.	762.3	25.6	1
573	0	496	37.6768	89.3273	-931.5	QAL	5.65	2.32	1.31	0.410	1.771	4.323	1436.	40.	12.	764.3	25.6	1
574	0	524	37.6762	89.3273	-932.0	QAL	8.00	3.51	1.12	0.439	3.131	7.139	1505.	38.	8.	762.8	25.6	1
575	0	540	37.6756	89.3273	-931.5	QAL	5.67	2.26	1.36	0.398	1.661	4.171	1500.	45.	8.	761.8	25.7	1
576	10	532	37.6750	89.3274	-932.7	QAL	9.40	1.45	1.02	0.0	0.0	9.203	1451.	54.	2.	763.8	25.7	1
577	0	564	37.6745	89.3274	-933.2	QAL	5.89	3.89	1.02	0.659	3.795	5.754	1623.	39.	6.	763.8	25.8	1
578	0	588	37.6739	89.3274	-934.0	QAL	8.78	3.12	1.10	0.355	2.829	7.961	1622.	38.	0.	761.8	25.8	1
579	0	588	37.6733	89.3274	-934.5	QAL	6.15	2.77	1.09	0.450	2.548	5.661	1610.	38.	8.	761.8	25.8	1
580	0	588	37.6727	89.3274	-936.0	QAL	8.19	4.47	0.85	0.546	5.231	9.581	1460.	40.	5.	763.8	25.8	1
581	0	592	37.6722	89.3274	-936.7	QAL	6.37	4.54	1.37	0.713	3.319	4.654	1619.	27.	8.	762.8	25.9	1
582	0	592	37.6716	89.3274	-937.2	QAL	5.92	3.85	0.90	0.650	4.259	6.553	1468.	34.	8.	762.3	25.9	1
583	0	592	37.6710	89.3274	-939.0	QAL	5.22	5.27	0.95	1.009	5.560	5.512	1561.	37.	9.	764.3	25.9	1

TAGS			LOCATION			REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
584	10	592	37.6704	89.3274	-938.7	QAL	4.80	2.09	0.92	0.0	0.0	5.241	1503.	39.	15.	762.8	25.9	1
585	10	596	37.6698	89.3274	-938.7	PPCV	8.40	1.54	1.01	0.0	0.0	8.306	1551.	42.	17.	761.8	25.9	1
586	10	592	37.6692	89.3274	-939.7	PPCV	7.79	0.25	1.42	0.0	0.0	5.471	1604.	39.	14.	763.8	25.8	1
587	0	592	37.6687	89.3274	-940.0	PPCV	4.38	2.14	1.05	0.488	2.038	4.176	1520.	30.	14.	764.3	25.9	1
588	10	576	37.6681	89.3275	-939.7	PPCV	5.26	1.81	1.27	0.0	0.0	4.153	1480.	37.	12.	762.8	25.8	1
589	10	524	37.6675	89.3275	-941.0	PPAB	4.67	1.72	0.94	0.0	0.0	4.996	1319.	36.	10.	763.3	25.9	1
590	0	480	37.6670	89.3275	-942.5	PPAB	4.96	1.65	0.84	0.333	1.963	5.896	1170.	42.	7.	764.3	25.9	1
591	0	448	37.6664	89.3275	-944.0	PPAB	4.50	2.58	1.02	0.575	2.540	4.419	1250.	37.	7.	764.3	25.9	1
592	0	436	37.6658	89.3275	-944.2	PPAB	5.28	2.35	0.93	0.446	2.529	5.673	1228.	39.	7.	762.8	25.9	1
593	10	444	37.6652	89.3275	-946.7	PPAB	6.17	1.17	0.95	0.0	0.0	6.479	1356.	38.	8.	763.3	25.9	1
594	0	468	37.6646	89.3275	-946.2	PPAB	7.80	2.24	1.04	0.287	2.154	7.497	1477.	36.	9.	764.9	26.0	1
595	0	436	37.6640	89.3275	-947.2	PPAB	5.79	3.23	1.20	0.558	2.694	4.827	1449.	41.	10.	763.3	26.0	1
596	0	392	37.6634	89.3275	-948.2	PPCV	5.05	2.66	1.04	0.527	2.567	4.870	1434.	44.	9.	761.8	26.0	1
597	0	392	37.6629	89.3275	-949.0	PPCV	7.54	2.59	0.99	0.344	2.610	7.590	1426.	29.	11.	763.3	26.1	1
598	0	392	37.6623	89.3275	-950.0	PPCV	7.19	2.20	1.09	0.306	2.015	6.582	1425.	41.	14.	763.3	26.1	1
599	0	384	37.6617	89.3275	-951.2	PPCV	3.01	1.55	1.30	0.515	1.188	2.310	1423.	45.	16.	761.2	26.1	1
600	0	392	37.6612	89.3276	-951.2	PPCV	6.16	1.61	1.01	0.262	1.598	6.096	1452.	29.	14.	762.3	26.2	1
601	0	392	37.6606	89.3276	-951.2	PPCV	3.80	2.88	1.13	0.758	2.554	3.368	1429.	35.	15.	763.8	25.9	1
602	0	432	37.6600	89.3276	-952.2	PPCV	5.32	1.95	0.98	0.367	1.997	5.444	1368.	34.	16.	762.3	26.0	1
603	10	472	37.6594	89.3276	-954.0	PPCV	5.73	1.37	0.81	0.0	0.0	7.062	1345.	35.	16.	762.3	26.9	1
604	10	508	37.6588	89.3276	-954.2	PPCV	3.64	1.61	0.92	0.0	0.0	3.965	1363.	45.	18.	762.8	27.4	1
605	10	572	37.6582	89.3276	-955.2	PPCV	6.35	0.80	1.25	0.0	0.0	5.060	1420.	46.	17.	761.8	26.9	1
606	10	592	37.6577	89.3277	-955.2	PPCV	7.02	0.57	0.91	0.0	0.0	7.749	1379.	40.	13.	762.3	26.2	1
607	10	600	37.6571	89.3277	-955.2	QAL	7.62	0.84	0.82	0.0	0.0	9.344	1506.	42.	16.	764.3	25.9	1
608	0	556	37.6565	89.3277	-957.0	QAL	5.45	2.04	0.99	0.375	2.071	5.529	1433.	36.	14.	762.8	26.0	1
609	10	552	37.6559	89.3277	-957.7	QAL	5.50	0.26	1.11	0.0	0.0	4.934	1325.	40.	14.	760.7	25.9	1
610	0	540	37.6554	89.3277	-960.5	QAL	4.04	3.46	0.81	0.856	4.286	5.005	1305.	29.	9.	761.8	25.9	1
611	0	548	37.6548	89.3277	-960.2	QAL	3.44	2.31	0.99	0.671	2.331	3.475	1326.	36.	9.	763.8	25.9	1
612	0	552	37.6542	89.3277	-961.5	QAL	3.94	4.34	0.94	1.100	4.638	4.216	1428.	32.	5.	762.8	25.9	1
613	0	528	37.6536	89.3277	-961.7	QAL	3.93	3.23	1.02	0.820	3.155	3.848	1260.	49.	5.	760.7	25.9	1
614	10	512	37.6530	89.3277	-961.5	PPCV	4.11	1.41	1.19	0.0	0.0	3.468	1243.	42.	6.	761.8	25.9	1
615	0	548	37.6524	89.3277	-961.2	PPCV	4.49	1.75	1.05	0.390	1.660	4.260	1348.	38.	6.	763.8	25.9	1
616	0	572	37.6519	89.3277	-963.2	PPCV	6.90	4.67	0.65	0.676	7.233	10.692	1375.	39.	4.	763.8	25.9	1
617	0	568	37.6513	89.3277	-963.7	PPCV	6.13	3.62	1.16	0.590	3.131	5.304	1427.	28.	7.	762.8	25.9	1
618	0	576	37.6507	89.3278	-964.2	QAL	5.67	2.24	1.08	0.395	2.068	5.238	1404.	32.	2.	760.7	25.9	1
619	10	572	37.6502	89.3277	-964.5	QAL	6.29	1.14	0.94	0.0	0.0	6.681	1328.	49.	12.	760.7	25.9	1
620	10	568	37.6496	89.3277	-966.5	QAL	5.44	1.57	0.72	0.0	0.0	7.550	1394.	35.	14.	763.8	25.9	1
621	10	572	37.6490	89.3277	-966.7	QAL	5.00	0.90	0.93	0.0	0.0	5.356	1434.	39.	17.	763.8	25.9	1
622	10	572	37.6484	89.3277	-968.0	QAL	5.59	-0.80	1.30	0.0	0.0	4.298	1434.	36.	18.	761.8	25.9	1
623	10	544	37.6478	89.3277	-970.0	QAL	5.66	0.04	1.13	0.0	0.0	5.009	1369.	49.	18.	760.7	25.9	1
624	10	508	37.6472	89.3279	-968.5	QAL	6.27	0.91	0.76	0.0	0.0	8.272	1269.	36.	15.	762.8	25.9	1
625	10	492	37.6467	89.3279	-968.7	QAL	4.78	1.23	0.70	0.0	0.0	6.854	1215.	36.	19.	763.8	25.9	1
626	10	508	37.6461	89.3279	-972.2	QAL	7.20	1.53	0.71	0.0	0.0	10.131	1252.	32.	16.	763.8	25.9	1
627	10	528	37.6455	89.3278	-973.0	QAL	4.35	1.85	0.70	0.0	0.0	6.244	1239.	37.	15.	762.8	25.9	1
628	0	536	37.6449	89.3278	-972.0	QAL	3.93	4.30	0.92	1.094	4.696	4.291	1278.	34.	6.	761.8	25.9	1
629	10	572	37.6443	89.3278	-973.2	QAL	3.45	1.03	1.02	0.0	0.0	3.392	1337.	54.	11.	761.2	26.0	1
630	0	580	37.6438	89.3279	-973.5	QAL	4.90	2.45	1.21	0.500	2.022	4.040	1306.	37.	8.	762.3	26.0	1
631	0	588	37.6432	89.3279	-974.2	PPCV	6.74	1.94	1.07	0.288	1.819	6.311	1472.	31.	6.	763.8	26.0	1
632	10	588	37.6426	89.3279	-975.2	PPCV	6.36	1.30	1.28	0.0	0.0	4.970	1467.	35.	5.	763.8	26.0	1
633	10	544	37.6420	89.3279	-975.5	PPCV	5.57	0.86	1.02	0.0	0.0	5.481	1283.	27.	5.	763.8	26.0	1
634	0	516	37.6414	89.3279	-976.0	PPCV	3.78	3.52	0.65	0.932	5.417	5.812	1237.	44.	4.	763.3	26.0	1
635	0	500	37.6409	89.3279	-977.5	PPCV	4.79	1.92	0.81	0.400	2.360	5.900	1163.	41.	4.	761.2	26.0	1
636	0	476	37.6403	89.3280	-980.0	PPCV	4.75	2.00	1.00	0.422	2.014	4.775	1184.	52.	4.	761.2	25.9	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
637	0	452	37.6397	89.3280	-979.7	PPCV	3.48	3.43	0.60	0.984	5.674	5.765	1278.	35.	6.	762.3	25.9	1
638	0	428	37.6391	89.3280	-979.7	PPCV	5.04	2.83	0.73	0.561	3.861	6.883	1223.	49.	6.	762.3	25.9	1
639	0	412	37.6385	89.3280	-982.0	PPCV	5.12	2.69	1.12	0.525	2.405	4.585	1303.	44.	5.	763.8	25.9	1
640	0	368	37.6380	89.3280	-982.2	PPCV	7.17	2.85	0.84	0.398	3.376	8.485	1374.	39.	2.	763.8	25.9	1
641	0	340	37.6374	89.3279	-982.0	PPCV	6.01	2.98	1.11	0.495	2.681	5.419	1446.	39.	2.	762.3	25.9	1
642	0	324	37.6368	89.3280	-983.2	PPCV	6.55	2.29	1.04	0.349	2.199	6.299	1486.	34.	6.	762.3	25.9	1
643	0	332	37.6362	89.3280	-984.0	PPCV	6.73	2.93	1.23	0.435	2.377	5.462	1602.	37.	7.	762.3	25.9	1
644	0	372	37 6356	89.3280	-983.0	PPCV	7.00	1.56	1.46	0.223	1.068	4.783	1625.	42.	9.	761.8	25.9	1
645	0	384	37.6351	89.3280	-983.0	PPCV	5.83	3.45	1.04	0.592	3.317	5.602	1615.	37.	11.	762.8	25.9	1
646	0	368	37.6345	89.3280	-985.5	PPCV	5.28	1.80	1.08	0.341	1.664	4.877	1472.	41.	13.	762.8	25.9	1
647	0	380	37.6339	89.3280	-986.5	PPCV	6.29	2.92	0.95	0.464	3.071	6.623	1449.	41.	11.	762.8	25.9	1
648	0	364	37.6333	89.3281	-987.0	PPCV	5.10	3.24	1.07	0.636	3.041	4.780	1499.	39.	13.	762.8	25.8	1
649	0	336	37.6328	89.3281	-988.0	PPCV	7.51	2.38	0.98	0.317	2.427	7.650	1475.	36.	9.	760.7	25.9	1
650	0	348	37.6322	89.3281	-987.7	PPCV	6.07	2.14	0.99	0.353	2.163	6.125	1432.	37.	10.	759.7	25.9	1
651	10	352	37.6315	89.3281	-986.7	PPCV	4.84	0.95	1.26	0.0	0.0	3.842	1449.	36.	10.	759.7	25.9	1
652	0	368	37.6310	89.3281	-988.5	PPCV	5.72	4.93	0.85	0.863	5.771	6.686	1492.	31.	7.	760.7	25.8	1
653	0	424	37.6304	89.3281	-991.2	PPCV	5.27	2.19	1.17	0.416	1.871	4.503	1466.	49.	9.	761.8	25.8	1
654	0	456	37.6299	89.3281	-992.0	PPCV	5.51	2.85	0.95	0.518	3.006	5.807	1569.	40.	9.	761.8	25.7	1
655	10	472	37.6293	89.3281	-991.0	PPCV	6.84	0.94	1.30	0.0	0.0	5.264	1616.	47.	6.	761.8	25.7	1
656	0	476	37.6287	89.3281	-990.7	PPCV	4.90	3.61	1.35	0.737	2.676	3.631	1659.	26.	9.	760.7	25.6	1
657	0	472	37.6281	89.3281	-992.7	PPCV	5.23	2.04	1.19	0.390	1.715	4.403	1545.	48.	14.	760.7	25.6	1
658	10	480	37.6275	89.3281	-993.7	PPCV	8.23	0.66	1.09	0.0	0.0	7.525	1581.	49.	13.	759.7	25.6	1
659	0	492	37.6270	89.3281	-994.7	PPCV	6.14	2.35	1.26	0.383	1.869	4.886	1672.	34.	15.	758.7	25.6	1
660	10	500	37.6264	89.3281	-994.2	PPCV	6.45	1.65	1.04	0.0	0.0	6.226	1625.	51.	16.	758.7	25.6	1
661	10	524	37.6258	89.3281	-995.0	PPCV	7.22	1.36	1.10	0.0	0.0	6.577	1636.	48.	16.	759.7	25.6	1
662	10	552	37.6253	89.3281	-997.0	PPCV	5.77	1.74	1.38	0.0	0.0	4.188	1680.	44.	17.	760.7	25.6	1
663	0	548	37.6247	89.3281	-996.7	PPCV	6.01	2.87	1.06	0.478	2.710	5.675	1674.	43.	12.	761.8	25.6	1
664	0	540	37.6242	89.3281	-996.7	PPCV	6.77	2.58	1.31	0.382	1.965	5.148	1673.	39.	15.	760.7	25.6	1
665	0	540	37.6237	89.3280	-997.5	PPCV	6.44	3.77	1.37	0.585	2.748	4.696	1703.	53.	9.	760.7	25.6	1
666	0	540	37.6231	89.3280	-997.7	PPCV	6.64	3.19	1.19	0.480	2.672	5.563	1690.	35.	14.	761.8	25.6	1
667	10	544	37.6225	89.3280	-998.7	PPCV	7.81	0.66	1.56	0.0	0.0	5.010	1714.	40.	15.	761.8	25.6	1
668	0	520	37.6221	89.3280	-999.7	PPCV	7.40	2.35	0.92	0.317	2.543	8.011	1497.	42.	15.	761.8	25.5	1
669	0	540	37.6215	89.3280	-1001.5	PPCV	5.36	3.02	1.13	0.563	2.682	4.762	1527.	56.	14.	761.8	25.6	1
670	0	564	37.6209	89.3280	-1000.7	PPCV	6.88	3.14	1.35	0.457	2.328	5.098	1693.	36.	14.	761.8	25.6	1
671	10	516	37.6204	89.3279	-1001.5	PPCV	5.90	0.67	1.27	0.0	0.0	4.637	1541.	45.	16.	761.8	25.6	1
672	10	520	37.6199	89.3279	-1002.5	PPCV	6.30	1.23	1.31	0.0	0.0	4.818	1629.	41.	16.	761.8	25.6	1
673	10	508	37.6194	89.3279	-1001.2	PPCV	6.34	0.86	1.54	0.0	0.0	4.108	1684.	43.	17.	761.8	25.6	1
674	10	508	37.6188	89.3279	-1001.7	PPCV	7.11	1.80	1.36	0.0	0.0	5.217	1682.	47.	18.	761.8	25.6	1
675	0	484	37.6182	89.3279	-1003.7	PPCV	5.53	4.01	1.03	0.725	3.899	5.380	1686.	42.	14.	761.8	25.6	1
676	0	472	37.6177	89.3279	-1003.5	PPCV	6.74	2.32	1.33	0.344	1.749	5.081	1678.	41.	10.	760.7	25.6	1
677	0	468	37.6172	89.3279	-1002.2	PPCV	4.97	3.97	1.27	0.799	3.139	3.931	1758.	26.	9.	761.8	25.7	1
678	0	480	37.6166	89.3278	-1002.7	PPCV	6.38	2.47	1.19	0.387	2.068	5.343	1604.	44.	7.	762.8	25.6	1
679	0	488	37.6161	89.3278	-1003.7	PPCV	5.89	2.00	1.54	0.339	1.295	3.822	1757.	37.	4.	762.8	25.6	1
680	0	488	37.6155	89.3277	-1002.7	PPCV	6.52	4.47	1.18	0.686	3.795	5.533	1679.	38.	3.	761.8	25.6	1
681	0	492	37.6150	89.3277	-1002.5	PPCV	6.72	3.73	1.29	0.555	2.885	5.195	1711.	35.	5.	761.8	25.6	1
682	10	492	37.6144	89.3277	-1003.7	PPCV	7.59	1.63	1.34	0.0	0.0	5.659	1746.	49.	4.	761.8	25.6	1
683	0	488	37.6139	89.3277	-1004.7	PPCV	6.25	3.43	1.49	0.549	2.301	4.190	1754.	35.	3.	762.8	25.6	1
684	0	484	37.6134	89.3277	-1003.2	PPCV	7.00	4.63	1.23	0.661	3.753	5.674	1779.	42.	4.	762.8	25.6	1
685	0	476	37.6128	89.3277	-1004.0	PPCV	3.63	4.71	1.34	1.300	3.522	2.709	1716.	36.	8.	762.8	25.6	1
686	0	476	37.6123	89.3277	-1004.7	PPCV	7.97	2.82	1.42	0.353	1.977	5.596	1727.	44.	4.	762.8	25.6	1
687	0	468	37.6117	89.3277	-1004.5	PPCV	5.39	2.00	1.33	0.371	1.502	4.048	1623.	41.	7.	762.8	25.6	1
688	0	468	37.6112	89.3276	-1004.5	PPCV	7.22	2.53	0.95	0.350	2.666	7.614	1606.	34.	6.	762.8	25.6	1
689	0	460	37.6106	89.3276	-1003.7	PPCV	7.48	1.77	1.51	0.236	1.171	4.955	1788.	36.	7.	762.8	25.6	1

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
690	0	448	37.6101	89.3276	-1004.0	PPCV	8.62	3.96	0.94	0.459	4.221	9.199	1686.	38.	9.	762.3	25.6	1
691	0	424	37.6095	89.3276	-1003.2	PPCV	7.56	2.76	1.42	0.365	1.946	5.327	1694.	32.	8.	761.2	25.6	1
692	0	420	37.6090	89.3275	-1004.0	PPCV	8.43	2.55	1.25	0.303	2.047	6.766	1677.	45.	4.	761.2	25.6	1
693	0	440	37.6085	89.3275	-1004.2	PPCV	6.50	2.96	1.15	0.454	2.581	5.678	1662.	43.	12.	760.7	25.6	1
694	0	420	37.6079	89.3275	-1002.5	PPCV	5.61	3.20	1.06	0.570	3.031	5.314	1603.	47.	12.	759.7	25.6	1
695	0	408	37.6074	89.3275	-1000.5	PPCV	4.97	2.47	1.09	0.496	2.268	4.569	1510.	53.	9.	759.7	25.6	1
696	10	404	37.6069	89.3275	-1001.2	PPCV	6.32	1.14	1.08	0.0	0.0	5.834	1539.	42.	11.	760.2	25.7	1
697	0	400	37.6063	89.3274	-1002.5	PPCV	5.91	1.88	1.32	0.319	1.422	4.462	1537.	45.	13.	760.2	25.7	1
698	0	368	37.6057	89.3274	-1001.7	PPCV	6.26	3.52	0.94	0.561	3.750	6.680	1543.	41.	7.	760.2	25.7	1
699	0	388	37.6052	89.3274	-1002.2	PPCV	6.73	2.73	1.27	0.406	2.145	5.289	1617.	43.	8.	760.2	25.7	1
700	0	396	37.6047	89.3274	-1002.2	PPCV	5.82	2.50	1.09	0.429	2.292	5.341	1635.	50.	10.	760.7	25.7	1
701	0	400	37.6042	89.3274	-998.5	PPCV	8.99	2.70	1.21	0.300	2.232	7.432	1805.	38.	10.	761.8	25.7	1
702	0	408	37.6036	89.3274	-998.7	PPCV	5.19	2.78	1.39	0.535	1.999	3.733	1747.	38.	11.	761.8	25.7	1
703	0	424	37.6031	89.3274	-1000.0	PPCV	8.03	2.47	1.47	0.307	1.673	5.443	1725.	29.	9.	761.8	25.7	1
704	0	428	37.6025	89.3274	-998.2	PPCV	5.54	2.80	1.47	0.506	1.908	3.770	1752.	44.	10.	762.8	25.7	1
705	0	408	37.6020	89.3273	-997.7	PPCV	7.52	3.58	1.20	0.476	2.994	6.285	1707.	36.	8.	761.8	25.7	1
706	0	404	37.6015	89.3272	-997.2	PPCV	6.54	3.61	1.42	0.552	2.543	4.606	1720.	40.	12.	759.7	25.7	1
707	0	424	37.6009	89.3272	-996.5	PPCV	7.02	2.59	1.14	0.369	2.270	6.145	1693.	58.	10.	759.2	25.7	1
708	0	452	37.6004	89.3272	-994.2	PPCV	7.40	3.34	1.16	0.451	2.871	6.364	1819.	50.	9.	759.2	25.7	1
709	0	464	37.5998	89.3272	-993.7	PPCV	7.45	3.92	1.34	0.527	2.932	5.568	1852.	29.	7.	759.2	25.7	1
710	0	472	37.5993	89.3272	-993.5	PPCV	4.69	2.03	1.60	0.433	1.267	2.925	1658.	52.	10.	760.2	25.6	1
711	0	452	37.5987	89.3272	-993.7	PPCV	6.00	2.57	1.39	0.429	1.853	4.318	1627.	36.	8.	760.7	25.6	1
712	0	396	37.5982	89.3272	-991.2	PPCV	6.26	4.39	0.75	0.702	5.838	8.321	1559.	44.	5.	760.7	25.6	1
713	10	436	37.5976	89.3272	-990.2	PPCV	6.95	1.26	1.25	0.0	0.0	5.581	1628.	39.	8.	761.8	25.6	1
714	0	432	37.5971	89.3271	-989.2	PPCV	6.02	1.76	1.25	0.292	1.408	4.828	1621.	27.	10.	762.8	25.6	1
715	10	428	37.5965	89.3271	-987.7	MCU	7.46	1.40	1.44	0.0	0.0	5.187	1650.	30.	9.	761.8	25.7	1
716	0	444	37.5960	89.3271	-987.2	MCU	5.88	2.26	1.35	0.384	1.679	4.370	1685.	47.	10.	760.7	25.8	1
717	0	456	37.5955	89.3271	-984.7	MCU	6.93	3.39	1.14	0.489	2.979	6.095	1768.	32.	7.	760.7	25.8	1
718	0	440	37.5949	89.3270	-984.0	MCU	5.31	1.85	1.46	0.349	1.267	3.635	1754.	42.	8.	759.7	25.9	1
719	0	440	37.5944	89.3270	-982.0	MCU	7.30	2.45	1.19	0.336	2.055	6.121	1687.	40.	7.	758.7	25.8	1
720	0	464	37.5938	89.3270	-979.0	MCU	7.63	1.89	1.38	0.247	1.364	5.512	1689.	42.	8.	759.7	25.7	1
721	0	488	37.5933	89.3270	-978.2	MCU	9.17	2.55	1.28	0.278	1.992	7.166	1705.	35.	6.	759.7	25.7	1
722	0	500	37.5927	89.3270	-977.7	MCU	8.54	2.64	1.53	0.309	1.722	5.577	1760.	44.	9.	759.7	25.6	1
723	0	492	37.5922	89.3269	-975.0	MCU	7.82	5.33	1.17	0.682	4.556	6.680	1722.	42.	2.	760.7	25.6	1
724	0	464	37.5917	89.3269	-973.5	MCU	5.53	4.10	1.24	0.742	3.321	4.477	1644.	45.	7.	760.7	25.6	1
725	0	500	37.5911	89.3269	-972.5	MCU	6.52	3.17	1.11	0.486	2.854	5.874	1745.	33.	8.	759.7	25.6	1
726	0	516	37.5905	89.3269	-970.0	MCU	5.88	2.32	1.62	0.394	1.434	3.635	1763.	38.	9.	758.7	25.5	1
727	0	516	37.5900	89.3269	-968.7	MCU	4.48	2.55	1.55	0.570	1.650	2.896	1777.	49.	10.	758.7	25.5	1
728	0	496	37.5895	89.3269	-967.5	MCU	6.93	4.60	1.29	0.664	3.562	5.364	1726.	43.	7.	758.7	25.5	1
729	0	484	37.5890	89.3269	-964.0	MCU	5.43	2.11	1.60	0.389	1.315	3.384	1686.	38.	7.	758.7	25.5	1
730	0	476	37.5884	89.3269	-961.0	MCU	5.83	3.80	1.00	0.652	3.791	5.815	1768.	46.	10.	759.7	25.4	1
731	0	464	37.5879	89.3269	-959.7	MCU	4.27	4.14	1.20	0.970	3.453	3.561	1700.	51.	12.	759.7	25.4	1
732	0	460	37.5874	89.3268	-957.5	MCU	7.39	2.91	1.09	0.394	2.659	6.754	1732.	50.	7.	758.7	25.3	1
733	0	464	37.5868	89.3268	-955.5	MCU	9.01	2.54	1.47	0.282	1.733	6.139	1790.	28.	7.	758.7	25.3	1
734	0	468	37.5863	89.3268	-952.5	MCU	5.71	3.39	1.41	0.594	2.406	4.047	1757.	44.	11.	758.7	25.3	1
735	0	480	37.5857	89.3268	-950.2	MCU	6.40	3.39	0.96	0.529	3.539	6.695	1635.	51.	9.	758.7	25.3	1
736	0	492	37.5852	89.3267	-949.7	MCU	8.33	3.45	1.58	0.414	2.178	5.267	1756.	48.	9.	759.7	25.3	1
737	10	496	37.5846	89.3267	-947.5	MCU	8.04	1.51	1.41	0.0	0.0	5.706	1703.	45.	15.	759.7	25.3	1
738	0	496	37.5841	89.3267	-947.0	MCU	7.90	4.27	1.20	0.540	3.548	6.569	1769.	47.	10.	757.6	25.3	1
739	10	480	37.5836	89.3267	-944.5	MCU	6.99	1.16	1.09	0.0	0.0	6.417	1708.	50.	14.	757.6	25.3	1
740	0	468	37.5830	89.3267	-941.0	MCU	7.11	1.90	1.34	0.267	1.413	5.298	1723.	44.	12.	758.7	25.3	1
741	10	452	37.5825	89.3266	-937.5	MCU	6.94	0.95	1.43	0.0	0.0	4.848	1705.	49.	14.	759.7	25.3	1
742	0	440	37.5819	89.3266	-935.2	MCU	6.67	2.30	1.39	0.344	1.648	4.787	1777.	41.	13.	759.7	25.2	1

CPY IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
743	0	424	37.5814	89.3266	-932.0	MCU	6.93	2.47	1.69	0.357	1.462	4.101	1860.	43.	10.	758.7	25.2	1
744	0	412	37.5808	89.3266	-928.7	MCU	7.43	2.60	1.19	0.350	2.194	6.269	1778.	52.	9.	757.6	25.2	1
745	0	408	37.5803	89.3266	-927.0	MCU	7.10	2.95	1.46	0.416	2.019	4.853	1928.	35.	8.	758.1	25.3	1
746	0	404	37.5797	89.3266	-923.5	MCU	6.76	3.34	1.52	0.494	2.201	4.458	1845.	42.	7.	759.2	25.2	1
747	0	404	37.5792	89.3266	-922.0	MCU	7.83	3.66	1.33	0.467	2.758	5.905	1768.	46.	6.	759.2	25.2	1
748	0	396	37.5786	89.3266	-919.5	MCU	8.19	3.10	1.35	0.378	2.298	6.083	1780.	50.	7.	758.1	25.2	1
749	0	388	37.5781	89.3266	-916.7	PPCV	10.88	2.98	1.21	0.274	2.451	8.960	1800.	34.	7.	757.1	25.2	1
750	0	392	37.5776	89.3264	-912.5	PPCV	9.01	2.32	1.34	0.257	1.733	6.740	1832.	56.	8.	758.7	25.2	1
751	0	404	37.5770	89.3264	-910.7	PPCV	7.79	3.08	1.29	0.396	2.386	6.028	1777.	47.	7.	759.7	25.2	1
752	0	404	37.5765	89.3264	-909.2	MCU	6.01	2.82	1.13	0.469	2.502	5.335	1742.	38.	8.	758.7	25.2	1
753	0	392	37.5759	89.3264	-906.5	MCU	5.99	3.18	1.09	0.531	2.915	5.488	1727.	38.	10.	757.6	25.2	1
754	0	400	37.5754	89.3264	-903.2	MCU	5.11	3.61	1.27	0.708	2.854	4.033	1741.	47.	10.	758.7	25.2	1
755	10	412	37.5748	89.3264	-900.7	MCU	9.77	1.63	1.18	0.0	0.0	8.310	1732.	35.	13.	759.2	25.2	1
756	0	424	37.5743	89.3264	-897.7	MCU	7.03	2.97	1.47	0.422	2.021	4.788	1803.	50.	10.	758.7	25.2	1
757	0	424	37.5737	89.3264	-894.2	MCU	6.33	3.33	1.42	0.527	2.343	4.445	1853.	38.	10.	757.6	25.2	1
758	0	392	37.5732	89.3264	-893.7	MCU	8.37	3.34	1.45	0.399	2.304	5.769	1744.	49.	10.	758.7	25.2	1
759	0	376	37.5727	89.3263	-892.2	PPCV	7.79	3.44	1.40	0.442	2.450	5.548	1776.	33.	5.	759.7	25.2	1
760	0	368	37.5722	89.3263	-887.0	PPCV	7.90	1.84	1.25	0.233	1.470	6.311	1687.	39.	6.	759.7	25.2	1
761	0	352	37.5716	89.3263	-880.7	PPCV	8.09	2.98	1.25	0.368	2.376	6.457	1692.	45.	4.	758.7	25.2	1
762	0	340	37.5710	89.3263	-877.5	PPCV	8.36	3.66	1.10	0.438	3.334	7.609	1711.	28.	6.	758.7	25.2	1
763	0	320	37.5705	89.3262	-874.5	PPCV	7.50	2.59	1.25	0.346	2.082	6.022	1631.	45.	4.	759.7	25.2	1
764	10	316	37.5700	89.3262	-872.0	PPCV	7.03	1.13	1.17	0.0	0.0	6.010	1538.	44.	7.	759.7	25.2	1
765	0	324	37.5695	89.3262	-871.7	MCU	8.69	2.22	0.84	0.256	2.646	10.342	1398.	48.	5.	758.7	25.3	1
766	0	340	37.5689	89.3262	-870.0	MCU	6.35	1.41	0.98	0.222	1.431	6.452	1312.	38.	9.	758.7	25.3	1
767	0	372	37.5684	89.3261	-867.0	MCU	6.46	2.39	0.92	0.370	2.586	6.987	1420.	47.	10.	759.7	25.3	1
768	0	392	37.5678	89.3261	-864.7	MCU	2.86	4.07	0.86	1.423	4.750	3.339	1448.	40.	11.	759.7	25.3	1
769	10	416	37.5673	89.3261	-861.5	MCU	7.13	0.72	1.30	0.0	0.0	5.503	1554.	40.	16.	758.7	25.4	1
770	0	444	37.5667	89.3261	-858.2	MCU	7.01	3.80	1.04	0.542	3.640	6.711	1653.	38.	15.	758.1	25.4	1
771	10	472	37.5662	89.3261	-856.2	MCU	8.04	1.61	1.10	0.0	0.0	7.300	1639.	29.	18.	760.2	25.4	1
772	10	500	37.5657	89.3260	-853.7	MCU	6.68	1.08	1.64	0.0	0.0	4.083	1865.	27.	17.	761.2	25.4	1
773	0	488	37.5651	89.3260	-851.0	MCU	5.56	2.04	1.18	0.367	1.728	4.702	1787.	48.	14.	759.2	25.5	1
774	0	460	37.5646	89.3260	-847.5	MCU	7.92	3.19	1.31	0.402	2.431	6.045	1790.	39.	11.	758.7	25.4	1
775	0	452	37.5640	89.3260	-844.7	MCU	6.17	5.04	0.95	0.817	5.280	6.463	1613.	44.	7.	760.7	25.5	1
776	0	448	37.5635	89.3260	-841.2	MCU	7.16	2.42	1.12	0.338	2.159	6.388	1566.	43.	12.	759.7	25.6	1
777	0	436	37.5629	89.3260	-839.2	MCU	4.64	3.48	0.78	0.750	4.469	5.958	1456.	57.	8.	759.2	25.6	1
778	0	436	37.5624	89.3260	-836.2	MCU	7.07	1.73	0.98	0.245	1.760	7.194	1485.	36.	8.	761.2	25.6	1
779	0	464	37.5618	89.3260	-832.5	MCU	4.25	2.35	1.02	0.551	2.300	4.173	1451.	37.	11.	760.7	25.6	1
780	0	484	37.5613	89.3260	-830.5	MCU	5.41	1.76	1.18	0.326	1.487	4.565	1468.	39.	13.	760.7	25.6	1
781	0	504	37.5607	89.3259	-828.7	MCU	8.26	2.40	1.22	0.291	1.978	6.801	1641.	40.	14.	762.3	25.6	1
782	0	560	37.5602	89.3259	-826.2	MCL	6.37	2.39	1.34	0.376	1.787	4.750	1715.	48.	16.	760.7	25.6	1
783	0	576	37.5597	89.3259	-822.7	MCL	6.92	3.29	1.24	0.476	2.658	5.587	1811.	53.	16.	760.7	25.6	1
784	0	568	37.5591	89.3259	-819.7	MCL	6.73	3.12	1.25	0.464	2.490	5.367	1748.	34.	14.	762.3	25.6	1
785	0	532	37.5586	89.3258	-816.2	MCL	7.24	2.47	1.02	0.341	2.420	7.102	1664.	34.	14.	761.2	25.6	1
786	10	516	37.5580	89.3258	-815.5	MCL	7.53	0.09	0.95	0.0	0.0	7.929	1442.	43.	14.	761.2	25.6	1
787	0	488	37.5575	89.3258	-813.2	MCL	8.32	2.25	1.36	0.270	1.651	6.104	1537.	41.	7.	761.8	25.6	1
788	0	460	37.5570	89.3258	-809.5	MCL	6.59	1.94	1.10	0.294	1.762	5.983	1497.	37.	12.	761.2	25.6	1
789	10	428	37.5564	89.3258	-807.5	MCL	5.68	0.80	1.07	0.0	0.0	5.329	1329.	36.	9.	761.8	25.6	1
790	0	424	37.5558	89.3257	-806.5	MCL	5.41	1.65	0.95	0.306	1.743	5.703	1230.	36.	9.	760.7	25.6	1
791	0	468	37.5554	89.3257	-803.0	MCL	3.46	3.06	0.73	0.886	4.183	4.722	1343.	36.	13.	761.2	25.6	1
792	10	512	37.5548	89.3257	-798.7	MCL	6.80	1.40	0.78	0.0	0.0	8.757	1455.	35.	13.	761.8	25.6	1
793	0	544	37.5542	89.3257	-797.5	MCL	6.18	2.37	0.77	0.384	3.098	8.067	1511.	51.	17.	761.2	25.6	1
794	10	596	37.5537	89.3256	-796.0	MCL	6.97	1.38	1.29	0.0	0.0	5.382	1658.	39.	19.	760.7	25.6	1
795	10	620	37.5532	89.3256	-792.7	MCL	5.16	2.22	1.27	0.0	0.0	4.080	1690.	37.	20.	761.8	25.6	1

CP9 1P 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
796	0	584	37.5527	89.3256	-791.5	QAL	7.32	4.23	1.09	0.578	3.890	6.727	1686.	43.	13.	761.8	25.6	1
797	10	540	37.5521	89.3256	-788.5	QAL	6.30	1.78	1.09	0.0	0.0	5.798	1455.	46.	19.	761.2	25.6	1
798	0	580	37.5516	89.3256	-785.0	QAL	5.48	2.89	0.98	0.528	2.945	5.577	1618.	39.	20.	761.8	25.6	1
799	0	604	37.5510	89.3255	-782.5	QAL	8.26	2.99	1.15	0.362	2.593	7.154	1757.	32.	16.	761.8	25.6	1
800	10	616	37.5505	89.3255	-780.7	QAL	5.78	2.37	1.10	0.0	0.0	5.253	1658.	38.	23.	761.2	25.5	1
801	10	636	37.5499	89.3255	-779.5	QAL	7.05	1.39	1.22	0.0	0.0	5.765	1763.	40.	17.	761.2	25.6	1
802	10	644	37.5494	89.3255	-776.5	QAL	5.46	-0.01	1.30	0.0	0.0	4.192	1665.	47.	22.	760.2	25.5	1
803	10	644	37.5488	89.3254	-773.7	QAL	6.47	-0.69	1.14	0.0	0.0	5.693	1570.	43.	22.	761.2	25.5	1
804	10	644	37.5483	89.3254	-772.0	QAL	7.98	1.44	1.23	0.0	0.0	6.488	1615.	42.	17.	762.8	25.5	1
805	10	644	37.5478	89.3254	-768.2	QAL	7.24	0.79	1.22	0.0	0.0	5.954	1636.	35.	17.	761.8	25.5	1
806	0	652	37.5472	89.3254	-767.0	QAL	5.82	2.68	1.51	0.461	1.777	3.854	1609.	48.	15.	760.7	25.5	1
807	0	648	37.5467	89.3254	-764.7	QAL	5.67	5.12	1.10	0.904	4.675	5.173	1643.	47.	13.	761.8	25.5	1
808	0	612	37.5461	89.3254	-762.5	QAL	5.32	2.34	0.95	0.440	2.458	5.590	1374.	30.	17.	762.3	25.4	1
809	10	588	37.5456	89.3254	-759.7	QAL	5.89	1.56	0.99	0.0	0.0	5.968	1465.	32.	17.	761.2	25.4	1
810	0	572	37.5450	89.3254	-756.7	QAL	3.46	3.44	0.94	0.995	3.683	3.703	1528.	38.	18.	761.2	25.4	1
811	10	576	37.5445	89.3254	-754.7	QAL	7.09	-0.53	1.04	0.0	0.0	6.814	1472.	34.	18.	761.8	25.5	1
812	10	580	37.5439	89.3253	-753.7	QAL	4.17	1.83	0.94	0.0	0.0	4.436	1429.	38.	22.	761.8	25.4	1
813	10	600	37.5434	89.3253	-752.7	QAL	6.37	-0.65	0.83	0.0	0.0	7.643	1544.	29.	27.	761.8	25.4	1
814	10	668	37.5428	89.3253	-749.5	DU	3.45	1.19	1.47	0.0	0.0	2.344	1687.	26.	27.	761.8	25.4	1
815	10	672	37.5423	89.3253	-748.0	DU	6.35	-1.44	1.51	0.0	0.0	4.201	1646.	44.	30.	761.2	25.4	1
816	10	676	37.5418	89.3253	-745.5	DU	7.36	-1.55	1.14	0.0	0.0	6.482	1628.	34.	28.	761.2	25.4	1
817	10	680	37.5412	89.3253	-744.0	DU	4.50	-0.99	1.45	0.0	0.0	3.103	1610.	34.	27.	761.2	25.4	1
818	10	684	37.5406	89.3253	-741.7	DU	3.90	1.54	1.09	0.0	0.0	3.563	1480.	44.	22.	761.2	25.4	1
819	0	680	37.5400	89.3253	-739.0	DU	5.90	3.43	0.79	0.581	4.328	7.446	1472.	45.	[illegible]4.	761.2	25.4	1
820	10	572	37.5395	89.3254	-737.2	DU	2.94	1.05	0.59	0.0	0.0	4.981	1144.	41.	20.	760.7	25.4	1
821	10	524	37.5388	89.3254	-736.0	DU	5.58	-0.16	0.54	0.0	0.0	10.255	1101.	41.	17.	761.2	25.4	1
822	10	512	37.5383	89.3255	-731.7	DU	4.01	0.47	0.87	0.0	0.0	4.590	1145.	33.	12.	761.8	25.4	1
823	10	476	37.5377	89.3255	-730.7	DU	5.14	0.18	0.66	0.0	0.0	7.792	1048.	43.	16.	760.7	25.4	1
824	10	488	37.5371	89.3255	-729.2	QAL	4.41	1.33	0.63	0.0	0.0	7.019	1028.	37.	13.	760.7	25.4	1
825	10	544	37.5365	89.3256	-725.2	QAL	3.74	0.97	0.51	0.0	0.0	7.373	1105.	39.	14.	760.7	25.4	1
826	10	548	37.5359	89.3256	-723.7	QAL	4.08	0.94	0.67	0.0	0.0	6.067	1146.	40.	19.	760.7	25.4	1
827	10	488	37.5353	89.3257	-721.2	QAL	4.32	-0.89	0.89	0.0	0.0	4.832	1092.	33.	17.	761.2	25.4	1
828	10	432	37.5347	89.3258	-720.0	QAL	4.03	0.17	0.59	0.0	0.0	6.839	907.	37.	19.	760.7	25.4	1
829	10	432	37.5342	89.3258	-717.5	QAL	4.03	0.94	0.33	0.0	0.0	12.030	881.	42.	17.	760.7	25.4	1
830	10	484	37.5336	89.3258	-716.0	QAL	5.34	0.13	0.75	0.0	0.0	7.145	1045.	34.	19.	761.8	25.4	1
831	10	516	37.5330	89.3258	-714.0	QAL	6.68	0.98	0.85	0.0	0.0	7.897	1139.	45.	21.	761.8	25.4	1
832	10	464	37.5324	89.3259	-711.7	QAL	3.85	-0.05	0.83	0.0	0.0	4.637	1045.	46.	17.	761.2	25.4	1
833	10	424	37.5318	89.3260	-711.0	QAL	2.19	0.36	0.72	0.0	0.0	3.028	1034.	33.	18.	760.7	25.4	1
834	10	400	37.5312	89.3260	-709.5	QAL	3.30	0.49	0.50	0.0	0.0	6.550	967.	41.	18.	760.2	25.4	1
835	10	392	37.5306	89.3260	-707.0	QAL	4.68	0.26	0.57	0.0	0.0	8.205	972.	29.	15.	760.7	25.4	1
836	10	420	37.5300	89.3260	-705.2	DU	3.74	0.33	0.87	0.0	0.0	4.322	958.	38.	14.	761.8	25.4	1
837	10	472	37.5295	89.3261	-704.5	DU	3.23	-0.53	1.06	0.0	0.0	3.047	1096.	37.	13.	762.3	25.4	1
838	10	468	37.5289	89.3262	-702.0	DU	3.20	0.91	0.80	0.0	0.0	4.017	1143.	39.	13.	760.7	25.4	1
839	0	412	37.5283	89.3262	-699.2	DU	3.73	1.89	1.00	0.506	1.883	3.719	1129.	37.	6.	760.7	25.4	1
840	0	368	37.5277	89.3263	-699.5	DU	2.75	2.37	0.64	0.860	3.723	4.330	1016.	40.	4.	762.8	25.3	1
841	0	384	37.5271	89.3263	-697.7	DU	4.89	1.61	0.89	0.330	1.811	5.493	1010.	60.	1.	761.8	25.4	1
842	0	408	37.5266	89.3263	-695.0	DU	5.84	2.05	0.65	0.351	3.147	8.965	1166.	30.	3.	761.2	25.4	1
843	0	360	37.5259	89.3264	-693.7	DU	3.61	1.64	0.78	0.456	2.116	4.643	1015.	42.	3.	762.3	25.4	1
844	0	356	37.5254	89.3264	-693.0	DU	5.82	2.17	0.46	0.374	4.733	12.666	971.	48.	4.	761.2	25.4	1
845	10	404	37.5248	89.3264	-692.5	DU	3.55	0.84	0.85	0.0	0.0	4.195	1054.	36.	7.	761.8	25.4	1
846	0	428	37.5242	89.3264	-693.0	DU	3.12	2.01	0.70	0.644	2.859	4.437	1082.	38.	8.	762.3	25.4	1
847	10	400	37.5236	89.3266	-691.2	DU	2.93	1.20	0.84	0.0	0.0	3.474	1098.	35.	9.	761.2	25.5	1
848	0	372	37.5230	89.3266	-689.7	DU	3.35	1.95	0.76	0.582	2.558	4.392	1029.	41.	11.	762.3	25.5	1

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
849	10	336	37.5224	89.3266	-689.5	DU	2.15	0.36	0.84	0.0	0.0	2.566	970.	38.	13.	761.2	25.5	1
850	10	364	37.5219	89.3267	-689.5	DU	3.22	0.85	0.56	0.0	0.0	5.717	993.	46.	12.	760.7	25.5	1
851	10	396	37.5213	89.3267	-688.0	DU	4.84	0.39	0.93	0.0	0.0	5.213	1078.	30.	13.	762.8	25.5	1
852	0	424	37.5206	89.3267	-688.0	DU	3.46	1.89	0.95	0.547	1.991	3.640	1165.	37.	13.	761.8	25.4	1
853	10	428	37.5201	89.3268	-687.7	DU	4.61	1.16	0.82	0.0	0.0	5.654	1215.	33.	13.	760.7	25.5	1
854	0	388	37.5195	89.3268	-687.7	DU	3.66	2.26	0.93	0.618	2.430	3.935	1180.	31.	8.	762.8	25.5	1
855	10	348	37.5189	89.3269	-689.0	DU	4.00	0.66	0.95	0.0	0.0	4.192	1155.	48.	10.	761.8	25.5	1
856	0	336	37.5183	89.3269	-688.5	DU	5.06	1.73	0.93	0.343	1.866	5.444	1190.	36.	11.	760.7	25.5	1
857	0	364	37.5177	89.3269	-689.0	DU	3.88	1.59	0.95	0.409	1.675	4.099	1242.	25.	9.	762.8	25.5	1
858	0	396	37.5171	89.3270	-690.0	DU	4.34	2.16	1.03	0.498	2.108	4.233	1379.	30.	7.	760.7	25.5	1
859	0	372	37.5166	89.3270	-690.5	DU	3.97	2.37	0.72	0.595	3.297	5.538	1282.	42.	8.	759.7	25.5	1
860	0	360	37.5159	89.3271	-691.7	DU	4.77	3.73	0.79	0.782	4.718	6.038	1337.	44.	4.	762.8	25.5	1
861	0	384	37.5154	89.3271	-692.7	DU	3.02	3.16	1.08	1.045	2.918	2.791	1307.	34.	8.	760.7	25.5	1
862	0	412	37.5148	89.3271	-694.0	DU	5.11	3.20	1.01	0.625	3.165	5.063	1358.	44.	7.	759.7	25.5	1
863	0	388	37.5142	89.3272	-696.0	DU	6.39	1.42	0.93	0.223	1.532	6.881	1380.	44.	7.	762.8	25.6	1
864	0	364	37.5137	89.3272	-695.7	DU	4.93	3.17	0.79	0.643	3.990	6.209	1300.	26.	3.	760.7	25.5	1
865	0	356	37.5130	89.3272	-697.5	DU	5.08	1.99	0.80	0.391	2.479	6.346	1323.	37.	5.	759.7	25.5	1
866	0	388	37.5124	89.3272	-700.0	DU	5.68	2.14	1.11	0.376	1.922	5.107	1388.	31.	5.	762.8	25.8	1
867	0	412	37.5119	89.3274	-700.5	DU	4.25	1.95	1.22	0.458	1.595	3.482	1489.	39.	5.	761.8	25.9	1
868	0	392	37.5113	89.3274	-703.0	DU	6.70	2.52	1.21	0.376	2.085	5.540	1466.	37.	9.	760.7	25.8	1
869	0	416	37.5107	89.3274	-705.0	DU	5.54	4.55	1.11	0.822	4.099	4.987	1578.	33.	4.	762.8	25.9	1
870	0	420	37.5101	89.3275	-706.2	DU	4.92	2.23	0.94	0.454	2.376	5.234	1473.	47.	7.	762.8	25.8	1
871	0	424	37.5095	89.3275	-709.5	DU	5.90	1.97	0.99	0.333	1.976	5.930	1597.	45.	10.	760.7	25.6	1
872	0	444	37.5089	89.3275	-712.0	DU	6.95	3.37	1.14	0.486	2.966	6.107	1587.	37.	3.	760.7	25.5	1
873	10	480	37.5083	89.3277	-713.5	DU	8.65	1.66	1.12	0.0	0.0	7.743	1682.	34.	9.	762.8	25.5	1
874	0	504	37.5077	89.3277	-716.5	DU	5.68	2.52	1.16	0.443	2.168	4.894	1547.	50.	11.	761.8	25.4	1
875	0	508	37.5072	89.3277	-719.7	DU	4.27	3.62	1.36	0.846	2.659	3.141	1608.	34.	10.	759.7	25.5	1
876	10	392	37.5066	89.3277	-721.7	DU	6.27	0.51	0.99	0.0	0.0	6.336	1311.	39.	14.	760.7	25.4	1
877	0	380	37.5060	89.3277	-724.5	DU	5.41	1.94	1.13	0.358	1.714	4.793	1391.	28.	13.	762.8	25.5	1
878	10	392	37.5054	89.3278	-728.5	DU	3.89	1.15	0.92	0.0	0.0	4.225	1204.	47.	16.	761.8	25.5	1
879	10	396	37.5048	89.3278	-731.5	DU	3.20	0.67	0.85	0.0	0.0	3.765	1305.	40.	15.	760.7	25.5	1
880	0	412	37.5042	89.3279	-733.7	DU	5.20	2.32	1.02	0.447	2.275	5.086	1407.	30.	15.	761.8	25.4	1
881	0	448	37.5037	89.3279	-739.0	DU	6.03	2.03	1.04	0.337	1.957	5.804	1372.	34.	15.	762.8	25.5	1
882	0	436	37.5030	89.3280	-742.2	DU	6.19	2.18	0.89	0.352	2.439	6.924	1283.	37.	14.	761.8	25.5	1
883	10	432	37.5024	89.3280	-746.0	DU	7.54	0.87	0.87	0.0	0.0	8.689	1330.	31.	12.	759.7	25.5	1
884	0	388	37.5019	89.3280	-748.2	DU	3.61	2.79	0.75	0.772	3.698	4.790	1234.	30.	11.	760.7	25.6	1
885	10	376	37.5013	89.3281	-749.7	DU	2.23	0.92	1.05	0.0	0.0	2.119	1171.	41.	12.	762.8	25.6	1
886	0	396	37.5007	89.3281	-753.7	DU	4.27	2.55	0.77	0.597	3.291	5.512	1207.	37.	9.	761.8	25.6	1
887	0	412	37.5001	89.3281	-758.5	DU	4.87	2.55	0.76	0.524	3.357	6.410	1260.	31.	11.	760.7	25.6	1
888	10	428	37.4995	89.3282	-762.2	DU	4.37	1.13	1.05	0.0	0.0	4.168	1248.	47.	8.	760.7	25.6	1
889	0	464	37.4990	89.3282	-766.2	DU	2.65	2.54	0.89	0.958	2.845	2.970	1254.	37.	12.	761.8	25.6	1
890	0	468	37.4984	89.3283	-770.7	DU	4.20	1.78	1.21	0.424	1.475	3.482	1228.	40.	11.	762.3	25.5	1
891	0	444	37.4977	89.3283	-774.2	DU	4.39	1.76	0.97	0.401	1.823	4.551	1239.	38.	9.	762.3	25.5	1
892	0	480	37.4972	89.3284	-776.2	DU	5.04	1.83	0.87	0.363	2.104	5.798	1221.	41.	6.	761.2	25.5	1
893	0	512	37.4966	89.3284	-780.2	DU	3.96	2.50	0.92	0.632	2.720	4.305	1191.	45.	4.	760.2	25.5	1
894	0	444	37.4960	89.3284	-786.5	DU	6.10	1.39	0.72	0.227	1.931	8.494	1175.	35.	2.	761.8	25.5	1
895	0	432	37.4955	89.3285	-790.5	DU	5.10	2.15	0.91	0.421	2.348	5.575	1196.	46.	0.	762.8	25.5	1
896	0	476	37.4948	89.3285	-792.7	DU	5.47	2.92	0.55	0.533	5.349	10.031	1111.	65.	1.	761.2	25.5	1
897	0	432	37.4943	89.3286	-796.5	DU	5.03	2.23	0.88	0.443	2.539	5.726	1139.	36.	1.	760.2	25.5	1
898	0	440	37.4937	89.3286	-801.5	DU	5.40	2.75	0.81	0.509	3.389	6.652	1175.	28.	3.	760.7	25.5	1
899	0	464	37.4931	89.3286	-804.2	DU	5.74	1.68	0.82	0.292	2.051	7.027	1136.	43.	7.	761.8	25.6	1
900	10	444	37.4925	89.3287	-808.2	DU	4.18	0.26	0.89	0.0	0.0	4.677	1023.	41.	11.	762.8	25.5	1
901	10	440	37.4919	89.3287	-812.5	DU	3.62	0.10	0.82	0.0	0.0	4.434	1040.	32.	18.	761.8	25.4	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
902	10	448	37.4913	89.3288	-813.5	DU	2.92	-0.55	0.60	0.0	0.0	4.878	965.	42.	18.	759.2	25.6	1
903	10	484	37.4908	89.3288	-819.2	DU	3.85	1.24	0.69	0.0	0.0	5.607	1185.	45.	22.	758.7	25.8	1
904	10	528	37.4901	89.3288	-824.5	DU	4.76	0.74	1.04	0.0	0.0	4.582	1281.	33.	19.	761.8	26.0	1
905	10	600	37.4895	89.3289	-825.2	DU	7.45	0.34	1.05	0.0	0.0	7.090	1509.	34.	21.	762.8	25.9	1
906	10	636	37.4890	89.3289	-830.0	DU	6.80	0.07	1.20	0.0	0.0	5.659	1618.	39.	20.	760.7	25.9	1
907	10	640	37.4884	89.3289	-835.0	DU	5.44	-0.86	1.15	0.0	0.0	4.732	1531.	42.	18.	759.7	25.7	1
908	10	644	37.4878	89.3291	-836.2	DU	7.01	1.11	0.84	0.0	0.0	8.322	1467.	44.	17.	760.7	25.6	1
909	10	644	37.4872	89.3291	-840.0	DU	4.93	-0.03	1.40	0.0	0.0	3.529	1404.	52.	16.	761.8	25.6	1
910	10	644	37.4866	89.3291	-843.0	DU	2.89	1.73	0.94	0.0	0.0	3.056	1401.	47.	19.	762.8	25.5	1
911	10	644	37.4861	89.3291	-845.5	DU	6.11	2.13	0.97	0.0	0.0	6.320	1477.	43.	16.	761.8	25.5	1
912	0	644	37.4855	89.3292	-850.5	DU	5.98	3.37	0.89	0.563	3.773	6.701	1523.	31.	16.	760.7	25.5	1
913	10	640	37.4848	89.3292	-855.5	DU	4.51	0.09	1.19	0.0	0.0	3.780	1425.	34.	21.	760.7	25.5	1
914	0	644	37.4843	89.3292	-858.5	DU	2.29	3.16	1.33	1.382	2.379	1.722	1454.	51.	15.	760.2	25.5	1
915	10	648	37.4837	89.3293	-862.5	QAL	6.56	0.46	1.27	0.0	0.0	5.152	1504.	54.	19.	760.2	25.5	1
916	10	656	37.4831	89.3293	-864.7	QAL	6.24	-0.34	1.21	0.0	0.0	5.141	1511.	31.	19.	761.8	25.5	1
917	10	656	37.4825	89.3294	-867.2	QAL	8.33	0.18	1.37	0.0	0.0	6.091	1601.	32.	20.	762.8	25.6	1
918	10	660	37.4819	89.3294	-871.0	QAL	5.48	0.55	1.33	0.0	0.0	4.122	1482.	40.	17.	761.8	25.6	1
919	10	664	37.4814	89.3294	-874.7	QAL	3.27	2.00	1.01	0.0	0.0	3.240	1430.	41.	21.	760.2	25.6	1
920	10	668	37.4808	89.3295	-876.7	QAL	6.38	-0.16	0.93	0.0	0.0	6.853	1396.	46.	19.	759.2	25.5	1
921	10	668	37.4802	89.3295	-878.2	QAL	5.93	0.97	0.90	0.0	0.0	6.571	1434.	33.	21.	759.7	25.5	1
922	10	636	37.4796	89.3296	-883.0	QAL	3.05	0.77	0.78	0.0	0.0	3.932	1312.	42.	21.	761.8	25.6	1
923	10	500	37.4790	89.3297	-887.0	DU	4.58	0.23	0.72	0.0	0.0	6.338	1047.	35.	15.	762.8	25.8	1
924	10	528	37.4784	89.3297	-889.0	DU	3.34	-0.17	0.63	0.0	0.0	5.314	1124.	45.	19.	761.8	25.9	1
925	10	508	37.4778	89.3297	-892.0	DU	4.23	0.86	0.66	0.0	0.0	6.389	1046.	44.	16.	760.7	25.8	1
926	10	456	37.4772	89.3297	-894.5	DU	3.18	0.85	0.49	0.0	0.0	6.452	999.	22.	19.	759.7	25.6	1
927	10	452	37.4766	89.3298	-897.5	DU	2.55	1.18	0.64	0.0	0.0	4.001	940.	39.	19.	759.7	25.5	1
928	10	496	37.4761	89.3299	-900.2	DU	4.09	0.83	0.57	0.0	0.0	7.227	1001.	37.	15.	761.8	25.5	1
929	10	552	37.4755	89.3299	-902.2	DU	4.87	1.27	0.73	0.0	0.0	6.702	1166.	33.	16.	762.8	25.5	1
930	10	564	37.4749	89.3299	-905.7	DU	4.96	-0.44	0.81	0.0	0.0	6.122	1166.	29.	22.	762.8	25.5	1
931	10	540	37.4743	89.3299	-908.7	DU	4.57	0.78	0.81	0.0	0.0	5.641	1154.	39.	16.	761.8	25.5	1
932	0	504	37.4737	89.3300	-912.0	DU	4.28	2.29	0.48	0.534	4.775	8.941	1111.	47.	15.	761.8	25.5	1
933	10	468	37.4731	89.3300	-914.2	DU	3.20	0.19	0.72	0.0	0.0	4.460	1001.	44.	15.	761.8	25.5	1
934	0	500	37.4726	89.3300	-916.5	DU	4.57	2.47	0.45	0.541	5.483	10.133	1096.	34.	18.	760.7	25.5	1
935	10	508	37.4719	89.3302	-919.2	DU	4.74	0.21	0.91	0.0	0.0	5.231	1134.	36.	16.	759.7	25.5	1
936	10	508	37.4714	89.3302	-921.7	DU	2.16	-0.01	0.76	0.0	0.0	2.861	1064.	38.	21.	759.7	25.5	1
937	0	468	37.4708	89.3302	-923.0	DU	2.32	1.75	0.57	0.757	3.083	4.073	1040.	45.	18.	760.2	25.5	1
938	10	476	37.4702	89.3302	-926.2	DU	3.44	-1.59	0.80	0.0	0.0	4.301	1006.	47.	18.	760.2	25.4	1
939	10	480	37.4696	89.3302	-928.5	DU	3.20	1.17	0.71	0.0	0.0	4.511	1055.	41.	15.	760.2	25.5	1
940	10	500	37.4690	89.3303	-929.7	DU	3.34	1.35	0.75	0.0	0.0	4.444	1012.	52.	18.	761.2	25.6	1
941	10	540	37.4684	89.3303	-932.7	DU	5.78	-0.85	1.10	0.0	0.0	5.270	1106.	48.	18.	762.3	25.8	1
942	10	552	37.4678	89.3304	-935.0	DU	5.62	1.60	0.71	0.0	0.0	7.861	1112.	44.	9.	761.2	25.8	1
943	0	504	37.4673	89.3305	-936.0	DU	5.39	3.05	0.66	0.566	4.593	8.116	1229.	34.	11.	761.2	25.8	1
944	10	472	37.4667	89.3305	-938.0	DU	5.80	1.19	0.75	0.0	0.0	7.745	1110.	44.	13.	761.2	25.5	1
945	10	448	37.4661	89.3305	-939.7	DU	5.87	0.33	0.58	0.0	0.0	10.127	1170.	30.	10.	761.2	25.5	1
946	0	480	37.4655	89.3305	-943.0	DU	3.27	2.32	0.83	0.711	2.797	3.934	1126.	43.	8.	760.2	25.5	1
947	0	496	37.4649	89.3306	-945.0	DU	3.51	3.34	0.70	0.952	4.797	5.039	1107.	35.	6.	759.7	25.5	1
948	0	488	37.4643	89.3307	-945.0	DU	4.28	2.34	0.88	0.548	2.653	4.842	1137.	30.	11.	759.7	25.4	1
949	10	492	37.4637	89.3306	-947.0	DU	4.10	1.07	0.98	0.0	0.0	4.205	1129.	48.	9.	760.7	25.4	1
950	10	516	37.4632	89.3308	-948.5	DU	4.82	0.96	0.96	0.0	0.0	5.027	1194.	40.	11.	761.2	25.3	1
951	0	556	37.4626	89.3308	-951.0	DU	4.82	2.18	0.85	0.452	2.557	5.650	1232.	26.	10.	760.2	25.6	1
952	0	528	37.4620	89.3308	-953.0	DU	3.53	2.31	0.85	0.653	2.717	4.159	1142.	44.	8.	760.2	26.1	1
953	10	488	37.4614	89.3309	-953.7	DU	4.18	0.79	0.78	0.0	0.0	5.331	1066.	40.	10.	760.7	25.9	1
954	10	496	37.4608	89.3309	-956.0	DU	2.22	1.20	0.53	0.0	0.0	4.172	1082.	36.	13.	760.7	25.5	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
955	10	492	37.4602	89.3309	-958.5	DU	2.69	0.55	0.66	0.0	0.0	4.070	1021.	42.	15.	760.2	25.5	1
956	10	476	37.4597	89.3309	-958.2	DU	2.92	1.19	0.75	0.0	0.0	3.876	938.	45.	14.	760.2	25.5	1
957	0	496	37.4590	89.3310	-959.7	DU	5.00	2.41	0.78	0.482	3.092	6.417	1055.	48.	11.	761.2	25.5	1
958	10	532	37.4585	89.3311	-962.7	DU	3.27	1.12	0.75	0.0	0.0	4.382	1083.	40.	14.	761.8	25.5	1
959	10	576	37.4579	89.3311	-963.7	QAL	1.54	1.58	1.01	0.0	0.0	1.525	1272.	37.	13.	761.8	25.6	1
960	10	608	37.4573	89.3311	-965.2	QAL	5.99	-0.67	1.10	0.0	0.0	5.432	1399.	29.	13.	762.8	25.6	1
961	0	656	37.4567	89.3311	-967.0	QAL	5.14	3.04	1.15	0.591	2.631	4.454	1492.	34.	11.	762.8	25.6	1
962	10	696	37.4562	89.3312	-967.5	QAL	4.87	0.81	1.24	0.0	0.0	3.924	1417.	58.	14.	761.8	25.6	1
963	10	700	37.4556	89.3312	-968.7	QAL	8.65	0.68	1.12	0.0	0.0	7.697	1581.	33.	12.	761.2	25.6	1
964	0	700	37.4550	89.3312	-970.2	QAL	4.93	2.88	1.34	0.583	2.146	3.678	1548.	43.	13.	760.2	25.6	1
965	10	700	37.4544	89.3312	-972.5	QAL	8.36	1.11	1.17	0.0	0.0	7.139	1659.	28.	17.	759.2	25.6	1
966	0	700	37.4539	89.3312	-972.2	QAL	5.27	3.05	1.20	0.579	2.538	4.383	1601.	37.	21.	759.7	25.6	1
967	0	700	37.4533	89.3313	-973.7	QAL	4.26	3.00	1.14	0.703	2.632	3.745	1739.	35.	20.	760.7	25.6	1
968	10	700	37.4527	89.3312	-975.7	QAL	5.46	-0.61	1.39	0.0	0.0	3.928	1695.	34.	26.	760.7	25.5	1
969	10	700	37.4521	89.3312	-977.0	QAL	5.98	-0.71	0.94	0.0	0.0	6.362	1611.	46.	27.	761.8	25.5	1
970	0	700	37.4516	89.3312	-977.0	QAL	6.38	3.85	1.11	0.603	3.465	5.750	1774.	43.	26.	762.3	25.6	1
971	10	700	37.4510	89.3312	-978.5	QAL	4.61	0.47	1.67	0.0	0.0	2.752	1689.	41.	28.	761.2	25.6	1
972	10	700	37.4504	89.3314	-981.0	QAL	5.96	-1.90	1.45	0.0	0.0	4.102	1750.	37.	30.	761.8	25.5	1
973	10	696	37.4499	89.3314	-982.0	QAL	3.10	-0.38	1.39	0.0	0.0	2.232	1648.	37.	28.	762.8	25.5	1
974	0	696	37.4493	89.3314	-982.5	QAL	7.67	3.25	0.98	0.424	3.306	7.793	1642.	42.	25.	761.8	25.5	1
975	10	696	37.4487	89.3313	-983.7	QAL	5.85	0.15	1.24	0.0	0.0	4.725	1619.	34.	28.	760.7	25.6	1
976	10	696	37.4481	89.3313	-985.5	QAL	6.82	0.44	1.19	0.0	0.0	5.715	1624.	51.	25.	760.2	25.9	1
977	10	696	37.4476	89.3314	-985.2	QAL	3.69	0.45	1.16	0.0	0.0	3.176	1544.	48.	20.	760.2	26.1	1
978	10	696	37.4470	89.3314	-987.2	QAL	9.53	0.13	0.92	0.0	0.0	10.318	1589.	31.	19.	760.2	26.1	1
979	0	700	37.4464	89.3314	-989.2	QAL	7.85	3.18	0.84	0.404	3.760	9.297	1600.	36.	18.	760.2	26.1	1
980	1000	708	37.4458	89.3314	-989.7	QAL	6.80	4.49	0.76	0.661	5.877	8.895	1621.	32.	11.	760.7	26.1	1
981	1100	712	37.4453	89.3314	-989.2	QAL	2.04	3.10	1.09	0.0	2.835	0.0	1601.	48.	9.	761.8	26.0	1
982	1010	716	37.4447	89.3315	-990.7	QAL	3.99	2.17	1.25	0.0	0.0	3.201	1534.	51.	14.	761.8	25.6	1
983	1000	716	37.4441	89.3315	-992.2	QAL	8.69	3.29	1.22	0.379	2.704	7.133	1711.	45.	7.	761.8	25.6	1
984	0	684	37.4435	89.3315	-993.2	QAL	5.57	4.78	0.84	0.857	5.721	6.674	1602.	38.	10.	762.8	25.6	1
985	0	628	37.4430	89.3315	-993.5	DU	5.69	2.66	1.48	0.468	1.797	3.840	1525.	31.	12.	761.2	25.6	1
986	10	576	37.4424	89.3315	-994.5	DU	8.60	-0.84	1.01	0.0	0.0	8.535	1411.	39.	13.	759.2	25.6	1
987	0	544	37.4418	89.3315	-994.5	DU	5.50	3.94	0.84	0.717	4.689	6.542	1322.	43.	9.	760.2	25.6	1
988	10	528	37.4412	89.3315	-994.5	DU	4.87	1.74	0.73	0.0	0.0	6.639	1279.	36.	13.	760.7	25.6	1
989	10	516	37.4407	89.3315	-997.0	DU	3.80	1.74	0.79	0.0	0.0	4.779	1245.	37.	17.	760.7	25.6	1
990	10	500	37.4401	89.3315	-998.5	DU	4.56	1.05	0.78	0.0	0.0	5.844	1267.	43.	16.	762.3	25.6	1
991	10	500	37.4395	89.3315	-999.7	DU	4.69	0.87	0.89	0.0	0.0	5.243	1271.	34.	17.	762.3	25.6	1
992	10	516	37.4390	89.3316	-999.5	DU	5.04	1.88	0.66	0.0	0.0	7.658	1231.	48.	16.	761.2	25.6	1
993	10	520	37.4384	89.3316	-1001.5	DU	4.20	1.11	0.89	0.0	0.0	4.710	1274.	38.	16.	760.7	25.6	1
994	0	532	37.4378	89.3316	-1003.0	DU	1.54	2.71	1.12	1.755	2.407	1.371	1212.	40.	20.	759.7	25.7	1
995	10	520	37.4372	89.3316	-1002.2	DU	4.85	0.93	0.82	0.0	0.0	5.878	1195.	56.	12.	759.2	25.9	1
996	10	500	37.4367	89.3316	-1003.0	DU	4.44	0.54	0.83	0.0	0.0	5.378	1186.	39.	12.	760.2	26.0	1
997	10	496	37.4361	89.3316	-1003.5	DU	6.29	0.37	0.94	0.0	0.0	6.662	1240.	33.	16.	760.7	26.1	1
998	0	500	37.4355	89.3316	-1004.7	DU	5.02	2.47	0.57	0.492	4.317	8.777	1261.	40.	12.	761.8	25.9	1
999	10	504	37.4349	89.3316	-1005.2	DU	3.92	1.00	1.09	0.0	0.0	3.607	1219.	36.	15.	761.8	25.6	1
1000	0	512	37.4344	89.3316	-1007.5	DU	5.29	2.34	0.74	0.442	3.172	7.173	1235.	39.	11.	759.7	25.5	1
1001	10	524	37.4338	89.3316	-1008.7	DU	5.13	-0.23	1.06	0.0	0.0	4.867	1213.	36.	12.	759.7	25.8	1
1002	0	552	37.4332	89.3316	-1008.2	DU	3.39	2.69	0.99	0.792	2.721	3.433	1332.	36.	8.	759.7	25.9	1
1003	0	564	37.4326	89.3317	-1010.0	DU	5.15	2.86	0.92	0.554	3.113	5.614	1431.	42.	8.	758.7	25.7	1
1004	10	576	37.4321	89.3317	-1009.2	DU	7.44	0.68	1.05	0.0	0.0	7.068	1361.	31.	9.	760.7	25.4	1
1005	0	572	37.4315	89.3317	-1009.0	DU	3.80	2.74	0.97	0.723	2.841	3.930	1294.	45.	8.	761.2	25.5	1
1006	0	552	37.4309	89.3317	-1011.0	DU	4.38	4.47	0.75	1.020	5.936	5.820	1295.	50.	4.	759.2	25.5	1
1007	0	524	37.4303	89.3317	-1012.7	DU	4.30	2.23	0.84	0.519	2.644	5.097	1267.	41.	3.	758.1	25.4	1

CP9 1P12
CP9 1P12

* TAGS *			* LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1008	0	512	37.4298	89.3317	-1011.7	DU	4.57	2.72	0.75	0.596	3.614	6.064	1222.	40.	6.	758.7	25.6	1
1009	0	520	37.4292	89.3317	-1011.7	DU	5.50	2.74	0.52	0.498	5.229	10.497	1238.	48.	8.	759.7	25.8	1
1010	10	520	37.4286	89.3317	-1012.5	DU	3.48	0.99	1.00	0.0	0.0	3.476	1246.	34.	11.	760.2	25.6	1
1011	0	488	37.4281	89.3317	-1012.7	DU	5.71	1.94	0.66	0.339	2.938	8.660	1178.	33.	14.	759.2	25.5	1
1012	10	436	37.4275	89.3317	-1013.7	DU	4.77	0.40	0.80	0.0	0.0	5.976	1141.	33.	19.	758.1	25.6	1
1013	10	404	37.4269	89.3318	-1015.0	DU	3.59	-0.41	0.80	0.0	0.0	4.484	1123.	42.	20.	759.2	25.5	1
1014	10	336	37.4263	89.3318	-1016.7	DU	3.27	0.68	0.56	0.0	0.0	5.795	1019.	36.	18.	760.7	25.4	1
1015	0	272	37.4258	89.3318	-1016.2	DU	3.63	1.82	0.58	0.503	3.161	6.280	977.	39.	14.	760.7	25.4	1
1016	10	244	37.4252	89.3318	-1016.2	DU	4.46	0.79	0.65	0.0	0.0	6.828	1016.	45.	17.	758.7	25.4	1
1017	0	232	37.4246	89.3318	-1016.0	DU	6.59	1.82	0.76	0.277	2.399	8.676	1209.	38.	10.	757.6	25.4	1
1018	0	240	37.4240	89.3318	-1014.5	DU	4.36	1.95	0.83	0.446	2.349	5.262	1270.	42.	14.	758.7	25.4	1
1019	10	256	37.4235	89.3318	-1016.0	DU	4.70	0.44	0.76	0.0	0.0	6.201	1151.	51.	15.	759.7	25.4	1
1020	10	288	37.4229	89.3318	-1016.7	DU	5.93	0.48	0.69	0.0	0.0	8.566	1207.	43.	15.	758.7	25.4	1
1021	10	316	37.4224	89.3318	-1016.5	DU	3.50	0.85	0.84	0.0	0.0	4.157	1201.	43.	16.	758.7	25.3	1
1022	10	332	37.4218	89.3318	-1017.7	DU	4.96	0.62	0.86	0.0	0.0	5.768	1295.	49.	13.	758.7	25.3	1
1023	0	328	37.4212	89.3319	-1018.2	DU	5.29	2.62	0.72	0.496	3.654	7.366	1286.	35.	10.	758.7	25.2	1
1024	0	328	37.4207	89.3319	-1018.2	DU	5.45	1.62	0.77	0.298	2.112	7.099	1172.	39.	10.	758.1	25.2	1
1025	0	328	37.4201	89.3319	-1018.0	DU	4.49	1.69	0.86	0.376	1.968	5.234	1112.	42.	10.	757.1	25.2	1
1026	10	356	37.4195	89.3319	-1017.5	DU	3.35	1.05	0.92	0.0	0.0	3.651	1064.	44.	10.	757.1	25.1	1
1027	0	428	37.4189	89.3319	-1019.5	DU	3.95	1.74	0.61	0.440	2.857	6.497	1030.	48.	11.	759.2	25.2	1
1028	10	480	37.4184	89.3320	-1020.7	DU	3.64	1.08	1.00	0.0	0.0	3.632	1102.	36.	10.	758.7	25.1	1
1029	0	504	37.4178	89.3320	-1021.0	DU	6.49	2.13	0.67	0.327	3.173	9.696	1217.	43.	11.	757.6	25.1	1
1030	0	484	37.4172	89.3320	-1020.2	DU	1.33	2.84	0.74	2.131	3.828	1.796	1096.	36.	13.	758.7	25.1	1
1031	0	488	37.4166	89.3319	-1021.0	DU	3.92	2.96	0.50	0.755	5.943	7.868	1194.	33.	12.	758.7	25.1	1
1032	0	500	37.4161	89.3319	-1021.0	DU	3.91	2.45	0.92	0.627	2.676	4.269	1196.	40.	9.	758.7	25.0	1
1033	0	464	37.4155	89.3321	-1020.7	DU	3.57	1.93	0.95	0.541	2.027	3.749	1163.	37.	7.	758.7	25.1	1
1034	0	412	37.4149	89.3321	-1020.5	DU	5.43	2.08	0.68	0.383	3.062	8.002	1131.	40.	7.	758.7	25.1	1
1035	0	404	37.4144	89.3321	-1021.7	DU	4.62	2.24	0.81	0.485	2.762	5.694	1126.	26.	7.	758.7	25.1	1
1036	0	392	37.4138	89.3321	-1022.5	DU	4.01	1.65	0.80	0.410	2.071	5.047	993.	48.	8.	757.6	25.1	1
1037	0	404	37.4132	89.3321	-1020.7	DU	4.26	3.27	0.66	0.767	4.947	6.451	1138.	22.	5.	758.7	25.2	1
1038	10	428	37.4126	89.3321	-1020.5	DU	3.02	0.30	0.98	0.0	0.0	3.078	1053.	39.	14.	760.7	25.2	1
1039	0	428	37.4120	89.3321	-1021.2	DU	4.85	1.54	1.04	0.317	1.475	4.647	1215.	43.	10.	758.7	25.3	1
1040	0	448	37.4115	89.3321	-1023.5	DU	5.16	2.35	0.35	0.456	6.685	14.648	1242.	39.	13.	758.7	25.3	1
1041	10	456	37.4109	89.3321	-1021.2	DU	5.14	1.67	0.48	0.0	0.0	10.598	1322.	46.	16.	760.7	25.4	1
1042	10	436	37.4103	89.3321	-1022.5	DU	4.43	0.16	1.03	0.0	0.0	4.280	1263.	45.	16.	758.7	25.5	1
1043	10	460	37.4097	89.3321	-1022.2	DU	4.41	-0.23	1.25	0.0	0.0	3.537	1305.	38.	23.	759.7	25.5	1
1044	10	468	37.4092	89.3322	-1020.0	DU	4.97	-0.36	1.08	0.0	0.0	4.587	1315.	38.	18.	760.7	25.6	1
1045	10	464	37.4086	89.3322	-1021.5	DU	3.84	1.14	1.09	0.0	0.0	3.522	1288.	32.	22.	759.2	25.6	1
1046	10	476	37.4080	89.3322	-1021.5	DU	5.87	1.00	0.87	0.0	0.0	6.783	1364.	46.	20.	760.2	25.7	1
1047	10	464	37.4074	89.3322	-1021.0	DU	5.73	0.32	1.09	0.0	0.0	5.257	1320.	25.	17.	760.2	25.6	1
1048	10	464	37.4069	89.3322	-1022.2	DU	5.76	0.58	0.91	0.0	0.0	6.310	1201.	41.	20.	759.2	25.6	1
1049	10	516	37.4063	89.3322	-1022.5	DU	5.77	1.34	1.10	0.0	0.0	5.239	1361.	40.	16.	760.7	25.6	1
1050	10	536	37.4057	89.3322	-1019.0	DU	2.95	1.68	0.91	0.0	0.0	3.231	1361.	33.	18.	760.2	25.6	1
1051	10	560	37.4052	89.3322	-1020.5	DU	5.95	0.89	1.24	0.0	0.0	4.779	1353.	43.	17.	759.2	25.6	1
1052	0	588	37.4046	89.3322	-1022.2	DU	6.53	3.74	0.82	0.573	4.567	7.973	1602.	31.	14.	761.2	25.6	1
1053	10	556	37.4040	89.3322	-1021.5	DU	4.74	1.92	1.18	0.0	0.0	4.023	1409.	33.	17.	760.2	25.7	1
1054	0	532	37.4035	89.3323	-1020.0	DU	6.43	2.73	0.63	0.424	4.345	10.237	1309.	30.	15.	759.7	25.6	1
1055	0	552	37.4029	89.3323	-1020.5	DU	3.90	2.34	0.70	0.601	3.328	5.534	1236.	52.	13.	761.2	25.6	1
1056	10	552	37.4023	89.3323	-1021.0	DU	7.04	1.08	0.89	0.0	0.0	7.931	1329.	38.	13.	759.2	25.6	1
1057	0	568	37.4017	89.3323	-1019.5	DU	4.98	4.64	0.70	0.933	6.606	7.083	1366.	34.	7.	760.2	25.6	1
1058	0	564	37.4012	89.3323	-1019.5	DU	5.63	2.89	0.70	0.513	4.139	8.072	1394.	45.	11.	760.7	25.6	1
1059	0	580	37.4006	89.3324	-1019.2	DU	6.15	4.39	0.64	0.713	6.824	9.565	1464.	37.	6.	759.7	25.6	1
1060	0	616	37.4000	89.3324	-1017.5	DU	5.54	2.36	0.89	0.426	2.653	6.226	1553.	33.	11.	761.8	25.6	1

FLIGHT LINE 103 DAY 178 REDUCED DATA TEX-KENT 1979 PADUCAH

*	TAGS		*	LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1061	0	612	37.3994	89.3324	-1018.5		DU	7.89	3.33	1.06	0.423	3.143	7.435	1625.	37.	5.	761.2	25.6	1
1062	0	564	37.3988	89.3324	-1020.2		DU	4.55	5.09	1.22	1.119	4.157	3.717	1481.	33.	7.	760.2	25.6	1
1063	0	560	37.3983	89.3324	-1019.5		DU	5.76	3.49	0.99	0.605	3.520	5.814	1494.	27.	3.	762.3	25.7	1
1064	0	552	37.3977	89.3324	-1019.5		DU	6.09	2.73	0.94	0.449	2.921	6.508	1450.	48.	11.	761.2	25.7	1
1065	0	572	37.3971	89.3324	-1019.5		DU	6.87	2.72	1.17	0.395	2.317	5.864	1532.	37.	9.	760.7	25.7	1
1066	0	596	37.3965	89.3324	-1019.2		DU	4.58	3.12	1.31	0.681	2.381	3.498	1607.	48.	13.	761.2	25.7	1
1067	10	588	37.3960	89.3324	-1019.5		DU	6.85	0.28	1.44	0.0	0.0	4.764	1635.	45.	15.	761.2	25.8	1
1068	10	592	37.3954	89.3324	-1020.2		DU	5.38	0.33	1.05	0.0	0.0	5.141	1512.	42.	12.	762.3	25.8	1
1069	10	596	37.3949	89.3325	-1019.5		DU	4.66	1.42	1.10	0.0	0.0	4.241	1488.	50.	17.	762.8	25.8	1
1070	10	512	37.3943	89.3325	-1018.0		DU	4.86	0.52	1.04	0.0	0.0	4.671	1305.	33.	15.	762.3	25.8	1
1071	0	480	37.3937	89.3325	-1017.7		DU	5.69	2.44	1.15	0.429	2.128	4.961	1328.	31.	10.	761.8	25.8	1
1072	0	488	37.3931	89.3325	-1018.0		DU	3.45	3.67	0.79	1.063	4.632	4.357	1308.	52.	10.	761.2	25.8	1
1073	0	492	37.3925	89.3325	-1018.5		DU	4.63	1.96	0.98	0.424	2.014	4.749	1480.	42.	7.	762.8	25.9	1
1074	0	508	37.3920	89.3325	-1019.5		DU	6.66	2.68	1.48	0.402	1.810	4.500	1507.	37.	4.	762.3	25.9	1
1075	0	500	37.3914	89.3325	-1018.0		DU	3.99	3.53	0.85	0.884	4.137	4.682	1342.	28.	8.	761.8	25.9	1
1076	0	480	37.3908	89.3325	-1017.5		DU	5.48	3.05	0.80	0.556	3.825	6.876	1394.	27.	5.	762.3	25.9	1
1077	0	492	37.3902	89.3325	-1018.7		DU	5.58	1.84	1.14	0.329	1.613	4.897	1367.	31.	5.	761.8	25.9	1
1078	0	508	37.3897	89.3325	-1018.2		QAL	8.71	2.17	0.97	0.249	2.248	9.012	1375.	30.	4.	762.3	26.0	1
1079	0	532	37.3892	89.3325	-1019.2		QAL	4.40	4.40	0.89	1.000	4.937	4.938	1459.	35.	3.	762.3	25.9	1
1080	0	548	37.3886	89.3326	-1019.5		QAL	5.63	2.80	1.18	0.497	2.379	4.783	1337.	39.	5.	761.8	25.8	1
1081	10	604	37.3880	89.3326	-1020.0		QAL	6.70	0.48	0.97	0.0	0.0	6.931	1351.	43.	9.	761.8	25.8	1
1082	0	596	37.3874	89.3326	-1020.0		QAL	3.69	2.97	0.81	0.804	3.676	4.571	1317.	38.	8.	761.8	25.8	1
1083	10	588	37.3869	89.3326	-1019.7		DU	6.69	0.81	1.14	0.0	0.0	5.889	1305.	28.	13.	762.3	25.8	1
1084	0	548	37.3864	89.3326	-1020.5		DU	6.97	2.00	0.78	0.287	2.563	8.929	1345.	33.	11.	762.3	25.7	1
1085	10	508	37.3858	89.3326	-1020.2		DU	7.32	1.12	0.79	0.0	0.0	9.292	1159.	55.	7.	761.2	25.7	1
1086	0	480	37.3853	89.3326	-1020.5		DU	4.45	3.62	0.78	0.813	4.637	5.706	1309.	32.	8.	762.3	25.6	1
1087	10	480	37.3847	89.3326	-1019.7		DU	6.92	1.61	0.81	0.0	0.0	8.536	1363.	30.	9.	762.3	25.7	1
1088	0	508	37.3841	89.3326	-1021.0		DU	6.32	1.72	0.96	0.272	1.785	6.569	1296.	55.	5.	762.3	25.7	1
1089	0	544	37.3836	89.3326	-1022.0		DU	3.19	2.95	0.99	0.924	2.987	3.232	1355.	54.	9.	761.8	25.6	1
1090	0	516	37.3830	89.3326	-1021.2		DU	5.67	1.97	0.93	0.347	2.118	6.101	1311.	50.	8.	761.8	25.6	1
1091	0	460	37.3825	89.3326	-1021.7		DU	5.50	1.98	1.01	0.360	1.954	5.424	1277.	37.	5.	761.8	25.7	1
1092	10	452	37.3819	89.3326	-1021.5		DU	4.77	0.87	0.96	0.0	0.0	4.954	1214.	55.	7.	760.7	25.6	1
1093	0	492	37.3813	89.3326	-1021.7		DU	4.46	3.36	1.03	0.754	3.248	4.307	1370.	33.	7.	761.2	25.6	1
1094	0	476	37.3808	89.3326	-1023.0		DU	5.21	2.38	0.92	0.456	2.572	5.641	1320.	43.	7.	761.8	25.6	1
1095	0	448	37.3803	89.3326	-1022.5		DU	4.18	2.60	0.47	0.624	5.596	8.975	1197.	39.	11.	760.7	25.6	1
1096	10	468	37.3797	89.3326	-1024.0		DU	4.94	1.00	1.05	0.0	0.0	4.692	1241.	49.	11.	761.8	25.6	1
1097	0	492	37.3791	89.3326	-1023.0		DU	3.87	3.18	0.88	0.822	3.605	4.384	1361.	43.	11.	761.8	25.6	1
1098	0	524	37.3786	89.3326	-1021.5		DU	5.84	2.55	0.60	0.436	4.235	9.714	1421.	36.	11.	760.2	25.6	1
1099	10	536	37.3780	89.3326	-1022.5		DU	4.42	1.80	0.83	0.0	0.0	5.334	1467.	30.	19.	760.7	25.6	1
1100	10	488	37.3775	89.3326	-1023.0		DU	4.16	0.81	1.20	0.0	0.0	3.470	1389.	39.	14.	760.7	25.6	1
1101	0	476	37.3769	89.3326	-1022.2		DU	7.95	1.94	0.77	0.244	2.520	10.311	1376.	36.	15.	760.7	25.6	1
1102	0	492	37.3764	89.3326	-1023.7		DU	6.17	2.01	1.07	0.326	1.872	5.750	1421	38.	13.	761.2	25.6	1
1103	10	512	37.3758	89.3326	-1022.7		DU	6.79	1.61	0.89	0.0	0.0	7.626	1414.	49.	15.	761.2	25.6	1
1104	0	532	37.3753	89.3325	-1022.5		DU	6.57	2.71	0.90	0.413	3.017	7.315	1461.	50.	13.	760.7	25.6	1
1105	0	536	37.3747	89.3325	-1024.0		DU	6.23	4.12	0.49	0.661	8.442	12.775	1406.	48.	11.	760.7	25.6	1
1106	0	508	37.3741	89.3325	-1025.2		DU	5.35	2.07	0.68	0.386	3.046	7.882	1357.	35.	15.	761.2	25.6	1
1107	10	516	37.3736	89.3325	-1027.2		DU	5.81	0.96	1.03	0.0	0.0	5.662	1408.	38.	13.	760.7	25.6	1
1108	10	532	37.3730	89.3325	-1029.7		DU	7.13	1.08	1.04	0.0	0.0	6.877	1489.	34.	6.	760.7	25.6	1
1109	0	524	37.3725	89.3325	-1032.0		DU	4.42	1.76	0.94	0.398	1.863	4.684	1320.	51.	9.	761.2	25.6	1
1110	0	524	37.3720	89.3325	-1033.2		DU	4.57	3.61	1.08	0.550	3.352	6.092	1410.	41.	2.	761.2	25.6	1
1111	0	528	37.3714	89.3325	-1034.2		DU	4.54	3.34	0.80	0.603	4.192	6.956	1406.	31.	7.	761.8	25.6	1
1112	0	524	37.3708	89.3325	-1035.5		DU	6.28	3.89	1.01	0.619	3.866	6.250	1408.	32.	3.	761.2	25.6	1
1113	0	524	37.3703	89.3325	-1035.7		DU	4.85	3.06	0.81	0.632	3.777	5.980	1346.	35.	2.	761.2	25.6	1

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1114	0	532	37.3697	89.3325	-1034.5	DU	7.98	3.07	1.01	0.385	3.048	7.920	1471.	41.	2.	761.8	25.6	1
1115	0	508	37.3691	89.3325	-1035.7	DU	6.71	2.95	1.04	0.439	2.847	6.483	1416.	33.	2.	761.2	25.6	1
1116	0	460	37.3686	89.3325	-1037.2	DU	5.02	2.28	0.95	0.453	2.395	5.285	1299.	33.	6.	761.2	25.6	1
1117	0	416	37.3680	89.3325	-1036.5	DU	3.76	2.31	0.79	0.613	2.911	4.750	1219.	37.	8.	761.2	25.6	1
1118	0	432	37.3675	89.3325	-1036.2	DU	4.12	2.30	0.79	0.559	2.935	5.247	1237.	36.	8.	760.7	25.6	1
1119	10	456	37.3670	89.3325	-1037.7	DU	5.10	-0.74	0.95	0.0	0.0	5.392	1303.	55.	11.	760.7	25.6	1
1120	0	460	37.3664	89.3325	-1037.5	DU	5.73	3.36	0.76	0.586	4.409	7.526	1278.	44.	5.	761.2	25.6	1
1121	10	504	37.3658	89.3325	-1037.7	DU	5.08	1.71	1.25	0.0	0.0	4.052	1385.	30.	14.	761.2	25.6	1
1122	0	508	37.3653	89.3325	-1037.2	DU	4.54	2.15	0.90	0.474	2.378	5.015	1350.	33.	14.	761.8	25.6	1
1123	10	456	37.3647	89.3325	-1037.7	DU	4.86	1.39	0.85	0.0	0.0	5.737	1273.	38.	14.	761.2	25.6	1
1124	10	468	37.3642	89.3325	-1038.7	DU	5.84	-1.46	1.04	0.0	0.0	5.632	1217.	48.	14.	761.2	25.6	1
1125	10	516	37.3636	89.3325	-1040.7	DU	7.61	0.71	0.96	0.0	0.0	7.956	1454.	33.	15.	761.8	25.7	1
1126	10	508	37.3631	89.3325	-1041.0	DU	6.90	1.46	0.84	0.0	0.0	8.233	1393.	33.	17.	762.3	25.7	1
1127	10	460	37.3625	89.3325	-1040.7	DU	6.13	0.46	0.91	0.0	0.0	6.767	1302.	52.	19.	762.3	25.7	1
1128	10	476	37.3620	89.3326	-1042.7	DU	5.28	0.84	1.20	0.0	0.0	4.394	1319.	37.	18.	762.3	25.7	1
1129	10	456	37.3614	89.3326	-1042.7	DU	5.46	-0.36	1.17	0.0	0.0	4.671	1272.	47.	18.	762.3	25.7	1
1130	10	452	37.3608	89.3326	-1042.0	DU	6.13	1.07	0.75	0.0	0.0	8.189	1382.	38.	20.	762.8	25.7	1
1131	10	444	37.3603	89.3326	-1043.0	DU	4.48	0.74	1.16	0.0	0.0	3.869	1320.	41.	18.	762.8	25.7	1
1132	10	476	37.3597	89.3326	-1044.5	DU	4.09	0.78	1.13	0.0	0.0	3.624	1337.	48.	22.	761.8	25.7	1
1133	0	464	37.3592	89.3326	-1045.7	DU	4.35	2.77	0.67	0.636	4.160	6.536	1333.	35.	16.	761.8	25.7	1
1134	0	464	37.3587	89.3326	-1045.0	DU	4.98	2.58	0.71	0.517	3.641	7.042	1278.	49.	13.	761.8	25.6	1
1135	10	480	37.3581	89.3325	-1046.0	DU	4.74	0.89	1.07	0.0	0.0	4.434	1325.	33.	14.	761.2	25.6	1
1136	0	532	37.3575	89.3325	-1047.0	DU	4.98	2.16	0.85	0.434	2.530	5.836	1444.	43.	15.	761.2	25.6	1
1137	10	500	37.3570	89.3325	-1046.0	DU	7.65	1.32	1.16	0.0	0.0	6.611	1483.	34.	10.	761.2	25.6	1
1138	0	468	37.3564	89.3325	-1046.5	DU	5.20	4.38	0.91	0.841	4.825	5.739	1360.	39.	4.	761.8	25.6	1
1139	0	480	37.3558	89.3325	-1046.7	DU	4.78	4.32	0.86	0.904	5.040	5.578	1345.	54.	7.	761.8	25.6	1
1140	10	512	37.3553	89.3325	-1046.2	DU	7.18	0.60	1.13	0.0	0.0	6.357	1451.	51.	9.	761.8	25.6	1
1141	0	512	37.3547	89.3325	-1049.0	DU	5.40	2.20	1.24	0.406	1.767	4.348	1541.	34.	12.	762.3	25.6	1
1142	0	500	37.3542	89.3325	-1048.2	DU	5.62	2.06	1.10	0.367	1.875	5.105	1412.	41.	13.	761.8	25.6	1
1143	0	468	37.3537	89.3325	-1048.2	DU	4.45	2.87	0.84	0.646	3.421	5.300	1409.	41.	13.	761.2	25.6	1
1144	10	428	37.3531	89.3325	-1047.2	DU	6.93	0.56	1.02	0.0	0.0	6.814	1355.	31.	9.	761.8	25.6	1
1145	0	412	37.3525	89.3325	-1049.0	DU	4.78	1.75	0.92	0.367	1.916	5.224	1252.	43.	12.	761.2	25.6	1
1146	0	412	37.3519	89.3325	-1050.5	DU	3.69	2.51	0.77	0.679	3.260	4.800	1226.	44.	12.	761.2	25.6	1
1147	0	408	37.3514	89.3325	-1050.2	DU	3.26	3.12	0.85	0.958	3.651	3.811	1257.	42.	9.	761.8	25.6	1
1148	0	416	37.3509	89.3325	-1051.0	DU	5.15	1.67	0.78	0.325	2.145	6.606	1205.	43.	12.	761.8	25.6	1
1149	0	416	37.3503	89.3325	-1051.7	DU	5.94	2.03	0.78	0.341	2.611	7.654	1113.	40.	10.	761.2	25.6	1
1150	0	420	37.3497	89.3325	-1050.5	DU	5.41	3.04	0.67	0.561	4.550	8.110	1190.	37.	6.	761.8	25.6	1
1151	0	444	37.3492	89.3325	-1050.5	DU	3.90	2.42	0.84	0.620	2.881	4.645	1215.	46.	7.	761.2	25.6	1
1152	0	444	37.3486	89.3325	-1052.0	DU	4.32	2.13	0.91	0.493	2.356	4.778	1227.	35.	9.	761.2	25.6	1.
1153	0	452	37.3481	89.3325	-1051.7	DU	5.03	2.01	1.34	0.399	1.498	3.756	1379.	28.	9.	761.2	25.6	1
1154	0	492	37.3475	89.3325	-1051.0	DU	5.61	1.67	0.96	0.298	1.748	5.862	1271.	50.	4.	760.7	25.6	1
1155	0	512	37.3469	89.3325	-1052.0	DU	5.04	1.78	1.17	0.353	1.521	4.315	1323.	46.	8.	760.7	25.6	1
1156	0	528	37.3464	89.3325	-1052.7	DU	5.75	2.77	1.23	0.481	2.242	4.659	1396.	47.	6.	760.2	25.6	1
1157	0	532	37.3459	89.3325	-1051.7	DU	4.47	2.65	0.87	0.592	3.042	5.137	1264.	29.	8.	760.2	25.7	1
1158	0	508	37.3453	89.3325	-1051.5	DU	3.33	1.85	1.04	0.555	1.784	3.217	1266.	41.	8.	761.2	25.7	1
1159	10	476	37.3448	89.3325	-1052.0	DU	5.51	0.68	0.67	0.0	0.0	8.181	1218.	42.	11.	761.2	25.7	1
1160	0	444	37.3442	89.3325	-1049.5	DU	4.50	2.78	0.75	0.616	3.699	6.004	1137.	35.	5.	761.2	25.7	1
1161	10	452	37.3436	89.3325	-1051.0	DU	4.97	1.14	0.84	0.0	0.0	5.912	1260.	35.	10.	761.2	25.7	1
1162	0	468	37.3431	89.3325	-1052.7	DU	4.25	3.42	0.78	0.803	4.406	5.485	1312.	43.	8.	761.8	25.7	1
1163	0	420	37.3425	89.3325	-1052.0	DU	5.83	2.89	1.01	0.496	2.861	5.771	1240.	45.	10.	761.8	25.8	1
1164	10	436	37.3420	89.3325	-1049.7	DU	6.35	0.89	0.95	0.0	0.0	6.658	1331.	30.	12.	761.8	25.7	1
1165	0	496	37.3414	89.3325	-1051.0	DU	6.51	1.84	1.13	0.283	1.633	5.763	1483.	35.	10.	761.8	25.8	1
1166	0	480	37.3409	89.3325	-1050.7	DU	4.81	2.86	1.17	0.593	2.435	4.107	1456.	43.	10.	760.7	25.7	1

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK. UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1167	0	392	37.3403	89.3325	-1049.7	DU	5.42	1.43	0.95	0.263	1.501	5.703	1221.	44.	9.	760.7	25.7	1
1168	0	356	37.3398	89.3325	-1050.2	DU	5.07	2.08	0.80	0.410	2.594	6.324	1239.	37.	10.	761.2	25.7	1
1169	0	356	37.3392	89.3325	-1050.2	DU	4.93	1.80	0.88	0.365	2.048	5.618	1214.	34.	9.	761.2	25.7	1
1170	0	344	37.3386	89.3325	-1047.2	DU	4.33	2.41	0.87	0.557	2.782	4.997	1239.	40.	7.	761.2	25.7	1
1171	0	276	37.3381	89.3325	-1048.2	DU	4.73	2.14	0.75	0.452	2.863	6.334	1096.	57.	4.	761.2	25.8	1
1172	0	248	37.3375	89.3325	-1047.2	DU	4.21	1.81	0.99	0.429	1.825	4.255	1207.	43.	5.	761.8	25.7	1
1173	0	256	37.3370	89.3325	-1047.0	DU	7.13	2.67	0.88	0.375	3.053	8.141	1310.	34.	2.	761.8	25.8	1
1174	0	232	37.3364	89.3325	-1045.5	DU	5.29	2.11	0.94	0.399	2.239	5.609	1294.	34.	2.	760.7	25.9	1
1175	0	216	37.3359	89.3325	-1043.5	DU	5.11	2.67	0.75	0.522	3.566	6.826	1184.	48.	1.	761.8	25.8	1
1176	0	224	37.3353	89.3325	-1043.0	DU	4.91	1.76	0.85	0.360	2.072	5.762	1209.	43.	1.	761.8	25.8	1
1177	0	264	37.3348	89.3325	-1043.0	DU	5.27	2.48	0.61	0.470	4.051	8.621	1110.	44.	2.	761.8	25.7	1
1178	0	308	37.3342	89.3325	-1041.2	DU	4.08	2.36	0.70	0.578	3.360	5.818	1083.	37.	6.	761.8	25.7	1
1179	0	288	37.3336	89.3325	-1041.0	DU	4.42	2.36	0.68	0.533	3.480	6.527	1134.	38.	5.	761.8	25.8	1
1180	0	300	37.3331	89.3325	-1040.7	DU	5.87	2.58	0.87	0.440	2.983	6.786	1174.	37.	5.	761.8	25.8	1
1181	0	292	37.3326	89.3325	-1039.0	DU	4.08	3.45	0.82	0.845	4.204	4.976	1173.	49.	3.	761.8	25.8	1
1182	0	260	37.3320	89.3325	-1037.7	DU	5.48	2.57	0.78	0.469	3.305	7.046	1195.	49.	3.	760.2	25.8	1
1183	0	264	37.3315	89.3325	-1035.7	DU	3.28	2.22	1.09	0.678	2.047	3.017	1337.	40.	8.	760.2	25.9	1
1184	0	264	37.3309	89.3325	-1034.5	DU	5.14	2.34	0.94	0.456	2.496	5.478	1354.	26.	3.	761.2	25.9	1
1185	0	308	37.3303	89.3325	-1035.2	DU	4.23	2.73	0.99	0.647	2.765	4.274	1261.	43.	3.	760.7	25.9	1
1186	0	328	37.3298	89.3325	-1034.5	DU	5.41	2.38	0.91	0.439	2.599	5.917	1323.	28.	4.	760.2	25.8	1
1187	10	340	37.3292	89.3325	-1031.5	DU	5.28	0.79	1.12	0.0	0.0	4.718	1267.	44.	8.	759.7	25.8	1
1188	0	316	37.3287	89.3325	-1030.5	DU	5.86	2.54	0.82	0.434	3.110	7.159	1317.	40.	3.	760.2	25.7	1
1189	0	304	37.3281	89.3325	-1029.5	DU	4.61	2.59	0.86	0.561	3.010	5.364	1373.	55.	5.	760.2	25.7	1
1190	0	312	37.3275	89.3325	-1027.5	DU	4.68	2.63	1.08	0.562	2.437	4.339	1454.	40.	6.	759.7	25.6	1
1191	0	352	37.3270	89.3325	-1024.2	DU	7.63	2.33	0.91	0.306	2.572	8.406	1532.	43.	6.	759.7	25.6	1
1192	10	392	37.3265	89.3325	-1023.7	DU	4.73	1.43	1.00	0.0	0.0	4.742	1548.	48.	13.	759.7	25.6	1
1193	10	400	37.3259	89.3325	-1021.7	DU	4.89	1.34	1.12	0.0	0.0	4.346	1462.	51.	12.	758.7	25.5	1
1194	10	388	37.3253	89.3325	-1020.0	DU	5.48	1.47	1.09	0.0	0.0	5.023	1495.	51.	15.	759.2	25.5	1
1195	10	372	37.3248	89.3325	-1018.5	DU	6.89	1.19	0.95	0.0	0.0	7.224	1443.	35.	12.	759.2	25.5	1
1196	10	368	37.3242	89.3325	-1017.0	DU	4.91	0.65	1.12	0.0	0.0	4.387	1426.	37.	18.	758.7	25.5	1
1197	0	376	37.3237	89.3325	-1014.0	DU	5.23	2.15	0.98	0.411	2.191	5.327	1398.	54.	14.	759.2	25.4	1
1198	0	376	37.3231	89.3325	-1011.7	DU	6.97	1.85	0.92	0.266	2.023	7.614	1500.	36.	18.	759.2	25.4	1
1199	10	380	37.3226	89.3325	-1012.0	DU	4.97	0.75	1.04	0.0	0.0	4.781	1451.	38.	20.	758.7	25.4	1
1200	10	384	37.3220	89.3325	-1011.0	DU	6.48	0.45	1.24	0.0	0.0	5.214	1491.	27.	17.	758.7	25.5	1
1201	0	376	37.3215	89.3325	-1007.0	DU	4.60	1.96	1.11	0.427	1.772	4.154	1387.	44.	15.	759.7	25.4	1
1202	0	376	37.3209	89.3325	-1005.5	DU	4.01	3.66	0.82	0.914	4.442	4.861	1403.	32.	14.	759.2	25.4	1
1203	10	372	37.3203	89.3325	-1004.2	DU	5.45	0.66	1.05	0.0	0.0	5.192	1327.	43.	10.	758.7	25.5	1
1204	0	384	37.3198	89.3325	-1001.0	DU	6.66	1.88	1.06	0.282	1.781	6.309	1335.	39.	9.	759.2	25.5	1
1205	0	400	37.3192	89.3325	-998.7	DU	4.51	1.55	1.28	0.345	1.213	3.521	1326.	39.	8.	759.2	25.5	1
1206	10	368	37.3187	89.3325	-996.0	DU	4.56	0.56	1.14	0.0	0.0	4.010	1257.	29.	7.	758.1	25.5	1
1207	0	396	37.3182	89.3325	-992.5	DU	4.78	3.05	0.93	0.637	3.268	5.127	1400.	44.	5.	759.2	25.5	1
1208	0	428	37.3176	89.3325	-991.2	DU	5.24	1.58	0.92	0.302	1.724	5.699	1395.	32.	5.	759.2	25.5	1
1209	10	420	37.3170	89.3325	-988.0	DU	8.12	1.49	0.98	0.0	0.0	8.321	1386.	33.	6.	758.7	25.5	1
1210	0	380	37.3164	89.3325	-984.7	DU	4.67	4.56	0.97	0.977	4.718	4.831	1313.	45.	5.	759.7	25.5	1
1211	0	388	37.3159	89.3325	-983.0	DU	5.81	2.71	0.91	0.466	2.967	6.369	1300.	52.	2.	758.7	25.5	1
1212	0	412	37.3154	89.3324	-980.5	DU	2.55	3.33	1.05	1.305	3.185	2.440	1275.	35.	7.	758.7	25.5	1
1213	0	436	37.3148	89.3324	-977.7	DU	4.14	2.09	0.94	0.505	2.221	4.399	1336.	36.	5.	758.7	25.5	1
1214	0	444	37.3142	89.3324	-974.5	DU	5.89	2.42	0.77	0.412	3.168	7.697	1337.	37.	5.	757.6	25.5	1
1215	0	456	37.3137	89.3324	-972.5	DU	6.10	2.65	1.14	0.435	2.320	5.334	1408.	38.	5.	758.7	25.6	1
1216	0	432	37.3131	89.3324	-969.0	DU	3.97	2.12	0.86	0.534	2.470	4.626	1280.	33.	7.	759.2	25.5	1
1217	0	408	37.3126	89.3324	-965.0	DU	4.16	2.19	1.02	0.527	2.154	4.087	1289.	28.	6.	757.1	25.6	1
1218	0	424	37.3120	89.3324	-961.7	DU	4.68	2.42	0.89	0.517	2.712	5.248	1294.	44.	6.	758.1	25.5	1
1219	0	456	37.3114	89.3324	-959.5	DU	4.85	2.11	0.67	0.436	3.158	7.248	1254.	44.	9.	760.2	25.6	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1220	0	480	37.3109	89.3324	-955.7	DU	5.01	1.92	1.05	0.384	1.831	4.767	1352.	34.	8.	758.7	25.6	1
1221	0	488	37.3103	89.3324	-951.5	DU	4.87	3.69	0.76	0.757	4.857	6.412	1322.	44.	6.	758.7	25.6	1
1222	10	500	37.3098	89.3324	-949.0	DU	4.24	1.02	1.07	0.0	0.0	3.976	1320.	38.	11.	759.7	25.6	1
1223	10	496	37.3093	89.3324	-944.7	DU	5.97	1.22	0.93	0.0	0.0	6.382	1332.	36.	8.	758.7	25.6	1
1224	0	508	37.3087	89.3325	-940.7	DU	3.44	2.63	0.85	0.763	3.083	4.041	1262.	36.	11.	758.7	25.6	1
1225	0	512	37.3081	89.3325	-938.2	DU	5.32	2.50	0.91	0.470	2.749	5.848	1401.	52.	6.	759.7	25.6	1
1226	10	528	37.3076	89.3325	-935.7	DU	5.55	1.59	1.00	0.0	0.0	5.570	1369.	55.	10.	758.7	25.6	1
1227	10	540	37.3070	89.3325	-931.7	DU	5.02	1.15	1.18	0.0	0.0	4.265	1389.	35.	11.	758.1	25.6	1
1228	10	548	37.3065	89.3325	-927.0	DU	9.18	0.70	1.03	0.0	0.0	8.897	1486.	40.	11.	759.2	25.6	1
1229	0	552	37.3059	89.3325	-922.7	DU	5.37	2.94	1.01	0.549	2.928	5.337	1490.	37.	7.	759.2	25.6	1
1230	0	576	37.3054	89.3325	-919.7	DU	4.88	2.26	0.84	0.464	2.682	5.779	1473.	49.	8.	758.1	25.6	1
1231	0	612	37.3048	89.3325	-914.5	DU	5.41	3.04	1.12	0.562	2.710	4.824	1681.	41.	13.	758.7	25.7	1
1232	0	616	37.3043	89.3325	-912.0	DU	3.58	3.07	1.47	0.858	2.085	2.430	1594.	36.	8.	759.7	25.6	1
1233	10	620	37.3037	89.3325	-908.5	DU	8.87	1.11	1.01	0.0	0.0	8.754	1546.	48.	8.	758.7	25.6	1
1234	10	616	37.3031	89.3325	-901.5	DU	5.04	0.94	1.03	0.0	0.0	4.911	1354.	43.	10.	758.1	25.6	1
1235	10	628	37.3026	89.3325	-898.7	DU	5.99	-0.24	1.04	0.0	0.0	5.762	1441.	35.	15.	759.2	25.6	1
1236	0	592	37.3020	89.3325	-896.2	DU	6.89	2.20	0.84	0.320	2.631	8.230	1394.	47.	8.	759.2	25.6	1
1237	0	520	37.3015	89.3325	-891.2	DU	4.01	4.99	0.80	1.244	6.222	5.000	1369.	33.	5.	757.6	25.6	1
1238	10	488	37.3009	89.3325	-886.2	DU	3.88	1.08	0.98	0.0	0.0	3.946	1297.	31.	9.	758.7	25.5	1
1239	0	456	37.3004	89.3325	-881.2	DU	6.00	1.70	0.82	0.283	2.065	7.302	1186.	43.	5.	759.7	25.6	1
1240	10	444	37.2998	89.3325	-876.7	DU	4.43	0.54	0.94	0.0	0.0	4.718	1129.	43.	9.	758.7	25.6	1
1241	0	468	37.2993	89.3325	-871.2	DU	3.23	1.77	0.69	0.550	2.576	4.683	1147.	46.	9.	757.6	25.6	1
1242	10	480	37.2987	89.3325	-866.5	DU	5.90	1.08	0.87	0.0	0.0	6.799	1141.	33.	8.	758.1	25.6	1
1243	10	472	37.2981	89.3324	-862.2	DU	3.51	1.47	0.70	0.0	0.0	4.985	1154.	40.	9.	759.2	25.6	1
1244	0	476	37.2976	89.3324	-858.5	DU	4.01	2.37	0.83	0.592	2.862	4.837	1144.	33.	5.	759.2	25.6	1
1245	10	432	37.2970	89.3324	-854.0	DU	3.63	0.94	0.88	0.0	0.0	4.124	1197.	30.	11.	758.7	25.6	1
1246	0	428	37.2965	89.3324	-848.2	DU	6.03	2.09	0.75	0.346	2.790	8.070	1204.	30.	3.	758.7	25.6	1
1247	0	444	37.2960	89.3324	-844.0	DU	4.51	2.43	0.95	0.539	2.546	4.722	1255.	38.	9.	758.7	25.7	1
1248	0	456	37.2954	89.3324	-837.5	DU	4.75	1.63	0.95	0.343	1.724	5.022	1241.	41.	10.	758.7	25.6	1
1249	0	496	37.2948	89.3324	-833.2	DU	4.75	3.08	0.92	0.648	3.344	5.162	1377.	29.	8.	759.7	25.7	1
1250	10	548	37.2943	89.3324	-829.2	DU	7.49	1.38	1.17	0.0	0.0	6.376	1460.	35.	7.	759.7	25.7	1
1251	0	512	37.2937	89.3324	-822.5	DU	5.35	1.74	1.07	0.325	1.627	5.004	1388.	38.	7.	758.7	25.7	1
1252	0	532	37.2932	89.3324	-818.5	DU	5.82	3.98	0.79	0.684	5.019	7.340	1327.	46.	3.	757.6	25.7	1
1253	0	504	37.2926	89.3324	-814.2	DU	6.50	2.67	1.01	0.410	2.648	6.454	1361.	43.	6.	757.6	25.7	1
1254	0	496	37.2921	89.3324	-807.7	DU	7.27	2.52	0.88	0.347	2.860	8.235	1384.	37.	0.	758.7	25.7	1
1255	10	496	37.2915	89.3324	-802.7	DU	7.16	1.20	1.30	0.0	0.0	5.529	1369.	43.	9.	759.7	25.7	1
1256	10	532	37.2910	89.3324	-797.5	DU	8.94	0.70	0.89	0.0	0.0	10.067	1433.	33.	8.	758.7	25.7	1
1257	0	524	37.2904	89.3324	-793.0	DU	4.00	2.65	0.95	0.661	2.791	4.219	1421.	38.	9.	758.7	25.7	1
1258	10	544	37.2898	89.3324	-786.2	DU	5.66	1.18	1.34	0.0	0.0	4.235	1493.	44.	11.	758.7	25.7	1
1259	10	572	37.2893	89.3324	-781.7	DU	4.99	0.64	1.26	0.0	0.0	3.959	1527.	34.	13.	758.7	25.7	1
1260	10	580	37.2887	89.3324	-775.2	DU	5.23	1.23	1.25	0.0	0.0	4.167	1523.	39.	15.	757.6	25.7	1
1261	10	564	37.2882	89.3324	-769.5	DU	7.10	-1.83	1.34	0.0	0.0	5.314	1424.	50.	16.	757.6	25.7	1
1262	0	556	37.2876	89.3324	-764.0	DU	3.57	2.05	1.16	0.574	1.771	3.085	1332.	36.	10.	757.6	25.7	1
1263	0	592	37.2870	89.3324	-757.2	DU	4.63	2.09	0.89	0.451	2.358	5.232	1400.	34.	13.	756.6	25.7	1
1264	0	580	37.2865	89.3324	-751.7	DU	6.35	2.53	0.95	0.397	2.663	6.700	1520.	31.	8.	757.6	25.7	1
1265	10	596	37.2860	89.3324	-746.7	DU	8.24	1.58	0.93	0.0	0.0	8.842	1487.	52.	13.	758.7	25.7	1
1266	0	580	37.2854	89.3324	-741.0	DU	5.28	5.72	0.96	1.084	5.981	5.516	1510.	43.	3.	758.7	25.7	1
1267	0	620	37.2848	89.3324	-733.5	DU	8.27	4.17	1.11	0.505	3.768	7.466	1457.	37.	1.	757.6	25.7	1
1268	0	640	37.2843	89.3324	-728.2	DU	5.63	3.63	1.23	0.644	2.946	4.572	1485.	37.	4.	758.7	25.7	1
1269	0	660	37.2837	89.3324	-722.7	DU	10.65	4.36	1.22	0.409	3.581	8.756	1671.	28.	5.	758.7	25.7	1
1270	0	668	37.2832	89.3324	-715.2	DU	6.48	4.11	1.35	0.634	3.045	4.801	1602.	38.	8.	758.1	25.7	1
1271	0	672	37.2827	89.3324	-710.2	DU	7.49	4.01	0.79	0.536	5.087	9.495	1636.	38.	6.	759.2	25.8	1
1272	0	672	37.2820	89.3324	-704.2	DU	6.01	2.76	1.13	0.460	2.434	5.295	1618.	40.	10.	759.7	25.8	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1273	0	676	37.2814	89.3323	-698.0	DU	3.48	4.10	1.19	1.180	3.448	2.923	1560.	52.	9.	758.7	25.8	1
1274	10	676	37.2808	89.3323	-691.5	DU	4.03	0.92	1.13	0.0	0.0	3.559	1522.	39.	12.	758.7	25.8	1
1275	10	676	37.2802	89.3322	-689.0	DU	4.93	1.05	1.35	0.0	0.0	3.664	1468.	45.	8.	758.7	25.8	1
1276	10	668	37.2795	89.3322	-682.0	DU	6.13	2.00	1.28	0.0	0.0	4.809	1489.	42.	11.	757.6	25.8	1
1277	0	580	37.2790	89.3321	-674.5	DU	3.76	3.06	0.63	0.815	4.879	5.985	1178.	34.	13.	758.7	25.8	1
1278	0	564	37.2784	89.3321	-670.0	DU	2.52	3.37	0.77	1.340	4.397	3.282	1181.	51.	7.	758.7	25.8	1
1279	10	516	37.2777	89.3321	-663.7	DU	6.88	0.53	0.84	0.0	0.0	8.213	1222.	38.	10.	757.6	25.8	1
1280	0	480	37.2771	89.3321	-656.7	DU	3.70	2.97	0.64	0.803	4.628	5.764	1136.	29.	10.	757.6	25.7	1
1281	0	476	37.2765	89.3319	-651.5	DU	3.23	5.65	0.51	1.748	11.066	6.332	1226.	37.	9.	758.7	25.7	1
1282	10	512	37.2759	89.3319	-646.7	DU	3.83	0.63	1.33	0.0	0.0	2.888	1362.	38.	15.	758.7	25.8	1
1283	10	516	37.2753	89.3319	-640.2	DU	5.94	1.37	0.90	0.0	0.0	6.599	1386.	35.	13.	758.1	25.8	1
1284	0	480	37.2747	89.3319	-633.2	DU	4.51	1.77	0.90	0.392	1.964	5.017	1322.	41.	8.	758.1	25.7	1
1285	0	460	37.2740	89.3318	-628.7	DU	3.83	1.71	0.86	0.445	1.991	4.472	1234.	46.	7.	758.1	25.7	1
1286	0	488	37.2735	89.3318	-623.0	DU	3.76	3.54	0.56	0.942	6.357	6.751	1289.	39.	8.	757.6	25.7	1
1287	10	512	37.2729	89.3317	-617.2	DU	5.95	1.45	1.10	0.0	0.0	5.419	1343.	33.	7.	757.6	25.7	1
1288	10	532	37.2722	89.3317	-612.2	DU	6.73	1.66	0.97	0.0	0.0	6.917	1357.	29.	9.	758.7	25.7	1
1289	0	508	37.2716	89.3317	-606.0	DU	4.31	3.80	0.74	0.880	5.096	5.792	1319.	37.	12.	758.7	25.7	1
1290	0	520	37.2710	89.3317	-599.7	DU	6.42	2.35	0.90	0.367	2.613	7.129	1366.	26	10.	758.7	25.7	1
1291	10	520	37.2704	89.3316	-595.7	DU	3.76	0.99	0.90	0.0	0.0	4.159	1209.	35.	14.	757.6	25.7	1
1292	10	516	37.2698	89.3316	-590.2	DU	4.38	0.90	0.78	0.0	0.0	5.596	1182.	43.	16.	757.6	25.6	1
1293	10	536	37.2692	89.3315	-585.2	DU	5.05	0.23	0.82	0.0	0.0	6.174	1179.	45.	15.	758.7	25.7	1
1294	0	544	37.2685	89.3315	-580.7	DU	1.84	1.54	0.69	0.0	0.0	2.650	1051.	41.	18.	758.7	25.7	1
1295	0	564	37.2680	89.3314	-576.2	DU	4.45	3.15	0.84	0.708	3.735	5.274	1176.	32.	12.	758.7	25.7	1
1296	0	588	37.2673	89.3314	-569.5	DU	2.92	4.94	0.63	1.694	7.871	4.646	1181.	32.	8.	758.7	25.6	1
1297	0	604	37.2667	89.3314	-562.5	DU	4.19	2.75	0.80	0.657	3.453	5.258	1237.	37.	8.	758.7	25.7	1
1298	10	552	37.2661	89.3314	-557.5	DU	5.25	-0.52	0.76	0.0	0.0	6.884	1093.	42.	10.	758.7	25.6	1
1299	0	520	37.2655	89.3313	-551.0	DU	3.11	3.63	0.90	1.167	4.049	3.470	1095.	36.	3.	759.7	25.7	1
1300	10	548	37.2649	89.3313	-545.5	DU	6.40	0.68	0.97	0.0	0.0	6.616	1187.	41.	10.	759.7	25.7	1
1301	0	512	37.2643	89.3312	-540.7	DU	3.37	1.50	1.12	0.444	1.333	3.002	1130.	37.	4.	759.7	25.7	1
1302	0	492	37.2637	89.3312	-534.5	DU	4.00	3.30	0.61	0.825	5.378	6.518	1119.	38.	3.	759.7	25.7	1
1303	0	528	37.2630	89.3311	-530.5	DU	4.08	3.60	0.83	0.882	4.347	4.929	1217.	34.	1.	758.7	25.7	1
1304	0	520	37.2625	89.3311	-525.5	DU	4.65	4.58	0.84	0.985	5.469	5.552	1320.	30.	1.	760.7	25.7	1
1305	0	448	37.2618	89.3310	-518.0	DU	6.94	1.96	0.94	0.282	2.076	7.360	1221.	48.	2.	761.8	25.8	1
1306	0	408	37.2612	89.3310	-511.2	DU	5.50	3.01	0.83	0.547	3.624	6.622	1287.	42.	0.	759.7	25.8	1
1307	0	440	37.2606	89.3310	-506.2	DU	5.41	2.89	0.94	0.535	3.070	5.740	1418.	45.	1.	760.7	25.9	1
1308	0	428	37.2600	89.3310	-502.0	DU	7.07	3.54	0.95	0.500	3.737	7.470	1441.	35.	0.	761.8	25.9	1
1309	0	440	37.2594	89.3309	-497.0	DU	3.16	4.93	1.04	1.560	4.718	3.024	1347.	37.	0.	761.8	25.9	1
1310	0	468	37.2588	89.3309	-491.7	DU	4.92	3.15	0.83	0.640	3.782	5.911	1290.	45.	1.	761.8	25.9	1
1311	0	452	37.2582	89.3308	-486.2	DU	6.35	3.51	0.83	0.552	4.214	7.633	1399.	44.	0.	759.7	26.0	1
1312	0	396	37.2575	89.3308	-481.7	DU	3.77	4.61	0.82	1.221	5.622	4.606	1236.	41.	2.	759.7	26.1	1
1313	0	376	37.2570	89.3308	-478.0	DU	4.65	2.87	0.80	0.617	3.576	5.796	1223.	46.	6.	760.7	26.1	1
1314	0	376	37.2563	89.3308	-472.0	DU	4.80	3.97	0.69	0.827	5.786	6.993	1181.	45.	1.	759.7	26.2	1
1315	0	380	37.2557	89.3306	-466.5	DU	5.09	1.55	0.74	0.305	2.099	6.887	1226.	42.	7.	759.7	26.3	1
1316	0	404	37.2551	89.3306	-463.7	DU	3.92	1.64	0.94	0.418	1.741	4.160	1212.	33.	10.	759.7	26.3	1
1317	10	452	37.2545	89.3306	-458.5	DU	3.70	1.53	0.85	0.0	0.0	4.367	1130.	51.	11.	759.7	26.3	1
1318	0	488	37.2539	89.3306	-455.5	DU	7.20	2.04	0.95	0.283	2.136	7.556	1259.	45.	9.	759.7	26.3	1
1319	0	516	37.2533	89.3305	-452.7	DU	6.33	1.94	0.89	0.306	2.178	7.112	1316.	36.	9.	760.7	26.4	1
1320	10	512	37.2527	89.3305	-447.7	DU	3.64	0.27	0.90	0.0	0.0	4.058	1256.	55.	6.	759.7	26.4	1
1321	0	512	37.2520	89.3304	-444.7	DU	3.00	2.34	1.00	0.779	2.329	2.990	1234.	46.	8.	759.7	26.3	1
1322	10	520	37.2514	89.3304	-442.5	DU	5.97	1.38	0.90	0.0	0.0	6.609	1342.	41.	6.	760.7	26.3	1
1323	0	500	37.2508	89.3304	-438.2	DU	4.27	2.73	0.69	0.639	3.979	6.224	1304.	37.	7.	761.8	26.3	1
1324	0	488	37.2502	89.3304	-435.0	DU	6.77	2.76	0.67	0.408	4.139	10.149	1318.	33.	3.	760.7	26.3	1
1325	0	524	37.2496	89.3302	-433.0	DU	4.99	3.09	0.88	0.618	3.489	5.643	1496.	39.	5.	761.2	26.3	1

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1326	0	556	37.2490	89.3302	-429.2	DU	5.97	3.31	1.13	0.555	2.933	5.288	1545.	46.	3.	763.3	26.3	1
1327	0	556	37.2484	89.3302	-428.0	QAL	7.23	3.28	1.39	0.454	2.367	5.216	1625.	31.	1.	763.8	26.3	1
1328	0	524	37.2478	89.3302	-425.5	QAL	5.88	5.68	1.03	0.966	5.530	5.727	1516.	30.	0.	762.8	26.3	1
1329	0	508	37.2472	89.3301	-422.7	QAL	4.08	2.41	1.23	0.590	1.950	3.308	1337.	54.	9.	761.8	26.5	1
1330	10	516	37.2466	89.3301	-420.5	QAL	7.85	0.94	1.13	0.0	0.0	6.954	1370.	44.	8.	760.7	26.5	1
1331	10	512	37.2459	89.3300	-419.0	QAL	7.51	0.95	1.22	0.0	0.0	6.178	1497.	33.	11.	760.7	26.5	1
1332	10	512	37.2453	89.3300	-416.2	QAL	8.62	1.84	1.08	0.0	0.0	7.952	1442.	38.	13.	761.8	26.5	1
1333	10	536	37.2447	89.3300	-417.2	QAL	6.65	1.27	0.89	0.0	0.0	7.462	1363.	36.	15.	761.8	26.6	1
1334	0	592	37.2441	89.3300	-417.7	QAL	5.45	2.24	1.06	0.411	2.122	5.165	1481.	51.	14.	762.8	26.5	1
1335	10	608	37.2435	89.3299	-416.0	QAL	5.62	-0.00	1.41	0.0	0.0	3.976	1548.	29.	17.	764.3	26.5	1
1336	10	612	37.2429	89.3299	-416.7	QAL	7.63	0.59	1.01	0.0	0.0	7.546	1610.	39.	20.	763.8	26.5	1
1337	0	616	37.2423	89.3298	-417.5	QAL	6.45	2.39	1.39	0.371	1.726	4.654	1569.	45.	14.	762.8	26.4	1
1338	10	616	37.2417	89.3298	-416.2	QAL	5.12	2.26	0.86	0.0	0.0	5.931	1578.	37.	18.	761.8	26.4	1
1339	0	616	37.2411	89.3297	-417.7	QAL	5.74	2.22	1.10	0.386	2.011	5.203	1586.	33.	12.	761.8	26.5	1
1340	10	616	37.2404	89.3297	-417.2	QAL	6.63	0.26	0.97	0.0	0.0	6.816	1556.	42.	15.	763.8	26.5	1
1341	0	608	37.2398	89.3297	-416.7	QAL	4.28	3.40	0.83	0.793	4.112	5.184	1442.	36.	9.	763.8	26.4	1
1342	0	612	37.2392	89.3297	-420.0	DU	4.40	2.31	1.34	0.525	1.725	3.287	1442.	42.	10.	763.8	26.4	1
1343	10	616	37.2386	89.3296	-421.0	DU	5.23	1.04	1.20	0.0	0.0	4.369	1455.	46.	11.	763.8	26.4	1
1344	0	612	37.2380	89.3296	-422.0	DU	4.82	3.94	1.05	0.817	3.755	4.594	1468.	33.	6.	762.8	26.3	1
1345	10	612	37.2374	89.3295	-424.0	DU	6.24	-0.51	1.40	0.0	0.0	4.458	1492.	42.	13.	762.8	26.4	1
1346	10	608	37.2368	89.3295	-426.5	DU	5.76	1.58	1.26	0.0	0.0	4.579	1486.	51.	12.	762.8	26.4	1
1347	10	588	37.2361	89.3294	-426.2	DU	3.23	1.90	1.33	0.0	0.0	2.422	1465.	34.	15.	763.8	26.5	1
1348	0	496	37.2356	89.3294	-428.5	DU	5.03	2.20	0.59	0.437	3.708	8.490	1252.	31.	11.	764.3	26.5	1
1349	10	428	37.2349	89.3293	-431.0	DU	4.42	1.41	0.97	0.0	0.0	4.541	1193.	33.	16.	764.3	26.5	1
1350	0	396	37.2343	89.3293	-432.7	DU	3.67	2.25	0.86	0.612	2.609	4.264	1151.	34.	14.	763.8	26.5	1
1351	0	396	37.2337	89.3293	-435.2	DU	3.86	1.71	0.72	0.442	2.363	5.340	1219.	35.	15.	763.8	26.6	1
1352	0	368	37.2331	89.3293	-437.7	DU	2.51	2.38	0.70	0.947	3.407	3.596	1189.	39.	13.	762.8	26.6	1
1353	10	396	37.2325	89.3292	-439.7	DU	4.62	0.62	0.97	0.0	0.0	4.753	1251.	36.	17.	764.3	26.6	1
1354	10	424	37.2319	89.3292	-442.0	DU	4.32	1.42	0.92	0.0	0.0	4.689	1247.	36.	16.	765.9	26.7	1
1355	0	412	37.2312	89.3291	-445.2	QAL	4.07	1.62	0.85	0.398	1.896	4.764	1150.	43.	17.	764.3	26.8	1
1356	0	452	37.2306	89.3291	-448.5	QAL	5.86	1.94	0.68	0.331	2.862	8.647	1331.	38.	16.	763.3	26.7	1
1357	0	544	37.2301	89.3291	-451.5	QAL	6.34	2.64	1.29	0.416	2.052	4.932	1667.	37.	17.	763.8	26.7	1
1358	10	556	37.2294	89.3291	-454.7	QAL	7.80	0.21	1.39	0.0	0.0	5.616	1690.	41.	20.	764.3	26.7	1
1359	10	552	37.2288	89.3289	-457.0	QAL	8.14	1.91	0.99	0.0	0.0	8.252	1623.	29.	19.	764.9	26.8	1
1360	10	548	37.2282	89.3289	-459.7	QAL	6.15	1.77	1.42	0.0	0.0	4.327	1633.	32.	18.	764.3	26.8	1
1361	10	544	37.2276	89.3289	-463.7	QAL	6.27	0.76	1.43	0.0	0.0	4.382	1584.	29.	10.	763.8	26.8	1
1362	0	536	37.2270	89.3289	-464.7	QAL	5.37	2.99	1.08	0.557	2.774	4.981	1489.	35.	11.	765.4	26.8	1
1363	0	444	37.2264	89.3288	-468.5	DU	3.81	1.87	0.91	0.491	2.055	4.186	1288.	33.	13.	766.4	26.8	1
1364	0	352	37.2258	89.3288	-472.5	DU	3.71	1.81	0.84	0.488	2.149	4.402	1129.	42.	10.	765.4	26.8	1
1365	0	328	37.2251	89.3287	-474.7	DU	3.51	2.93	0.53	0.833	5.490	6.591	1163.	37.	7.	764.3	26.8	1
1366	0	320	37.2245	89.3287	-478.5	DU	5.06	3.07	0.64	0.608	4.831	7.950	1186.	36.	3.	765.4	26.8	1
1367	0	304	37.2239	89.3287	-482.5	DU	3.30	2.93	0.81	0.889	3.621	4.076	1151.	39.	3.	766.4	26.9	1
1368	0	336	37.2233	89.3287	-485.5	DU	4.06	2.87	1.07	0.706	2.691	3.811	1232.	46.	2.	765.4	26.9	1
1369	0	372	37.2227	89.3286	-489.2	DU	5.17	1.63	0.94	0.315	1.730	5.495	1302.	37.	7.	765.4	26.9	1
1370	0	452	37.2221	89.3286	-491.7	DU	5.46	3.00	1.21	0.549	2.483	4.520	1580.	33.	5.	766.4	26.9	1
1371	0	500	37.2215	89.3285	-496.7	DU	7.09	2.29	1.21	0.323	1.890	5.845	1657.	40.	8.	766.4	26.9	1
1372	0	508	37.2209	89.3285	-500.2	DU	4.77	5.46	1.19	1.144	4.570	3.995	1668.	37.	8.	765.4	26.9	1
1373	0	512	37.2202	89.3285	-503.0	DU	7.43	2.49	1.13	0.335	2.209	6.598	1536.	43.	11.	764.3	27.0	1
1374	0	512	37.2196	89.3284	-505.7	DU	6.48	2.09	1.32	0.323	1.583	4.904	1599.	44.	14.	764.3	27.0	1
1375	10	516	37.2191	89.3284	-509.0	QAL	6.30	2.00	1.07	0.0	0.0	5.918	1480.	43.	17.	766.4	27.1	1
1376	0	476	37.2184	89.3284	-513.0	QAL	6.05	2.78	0.73	0.459	3.802	8.280	1482.	35.	14.	765.4	27.1	1
1377	0	416	37.2178	89.3283	-517.7	QAL	5.47	2.45	0.91	0.448	2.700	6.027	1342.	42.	13.	763.8	27.1	1
1378	0	396	37.2172	89.3283	-521.0	QAL	6.46	1.51	1.00	0.234	1.513	6.458	1328.	28.	13.	765.9	27.1	1

CP9 1P12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1379	0	352	37.2166	89.3282	-524.2	DU	4.89	2.30	0.90	0.471	2.564	5.444	1235.	54.	11.	766.9	27.1	1
1380	0	376	37.2160	89.3282	-530.2	DU	6.40	2.31	0.82	0.360	2.823	7.833	1222.	35.	9.	764.3	27.1	1
1381	10	412	37.2154	89.3281	-532.2	DU	8.95	1.62	0.88	0.0	0.0	10.202	1443.	29.	13.	763.8	27.1	1
1382	10	448	37.2147	89.3281	-535.7	DU	5.61	1.28	0.94	0.0	0.0	5.971	1399.	45.	14.	765.4	27.1	1
1383	10	516	37.2142	89.3280	-539.2	DU	7.19	1.73	1.04	0.0	0.0	6.901	1630.	39.	11.	764.3	27.1	1
1384	10	452	37.2135	89.3280	-540.2	DU	6.64	1.22	1.01	0.0	0.0	6.573	1410.	37.	11.	763.8	27.0	1
1385	10	360	37.2129	89.3280	-544.5	DU	8.63	0.19	0.84	0.0	0.0	10.223	1303.	34.	11.	765.4	27.1	1
1386	0	376	37.2123	89.3280	-549.0	DU	4.48	2.32	0.86	0.517	2.708	5.235	1315.	37.	10.	765.4	27.0	1
1387	10	444	37.2117	89.3279	-550.2	DU	5.60	1.48	1.19	0.0	0.0	4.722	1473.	48.	11.	763.8	27.0	1
1388	0	412	37.2111	89.3279	-554.0	DU	5.28	2.91	0.96	0.551	3.026	5.487	1420.	42.	6.	765.4	27.0	1
1389	10	428	37.2105	89.3278	-558.7	DU	6.45	0.82	1.11	0.0	0.0	5.814	1439.	32.	9.	765.4	27.0	1
1390	0	396	37.2099	89.3278	-561.2	DU	5.96	3.30	1.00	0.554	3.314	5.984	1404.	39.	6.	764.3	27.0	1
1391	0	412	37.2092	89.3277	-563.2	DU	6.46	1.81	0.92	0.280	1.967	7.012	1422.	25.	6.	766.4	27.0	1
1392	0	480	37.2087	89.3277	-567.5	DU	5.49	3.64	1.08	0.663	3.360	5.065	1488.	38.	6.	766.4	27.0	1
1393	10	520	37.2080	89.3277	-569.2	DU	8.56	0.85	1.32	0.0	0.0	6.476	1642.	33.	6.	763.8	27.0	1
1394	0	420	37.2074	89.3277	-573.0	DU	4.95	1.90	0.98	0.383	1.929	5.033	1422.	34.	11.	765.4	27.0	1
1395	0	432	37.2068	89.3276	-575.0	QAL	6.63	1.99	1.09	0.300	1.826	6.078	1443.	42.	8.	766.4	27.1	1
1396	0	416	37.2062	89.3276	-578.0	QAL	5.03	2.07	1.17	0.412	1.767	4.291	1309.	44.	6.	764.9	27.0	1
1397	0	436	37.2056	89.3275	-581.7	QAL	5.41	2.64	1.03	0.487	2.564	5.266	1389.	29.	8.	765.9	27.1	1
1398	0	504	37.2050	89.3275	-584.0	QAL	7.45	2.37	0.88	0.319	2.699	8.464	1541.	31.	3.	765.9	27.1	1
1399	0	512	37.2044	89.3274	-585.0	QAL	3.94	4.06	1.24	1.032	3.263	3.161	1454.	43.	5.	764.3	27.1	1
1400	0	520	37.2037	89.3274	-589.2	QAL	5.86	3.20	1.15	0.547	2.775	5.073	1493.	33.	1.	765.4	27.1	1
1401	0	512	37.2032	89.3274	-592.5	QAL	5.69	2.12	1.34	0.373	1.586	4.257	1403.	28.	4.	765.9	27.1	1
1402	0	500	37.2025	89.3274	-594.7	QAL	6.26	2.85	1.03	0.455	2.770	6.088	1343.	46.	5.	764.9	27.1	1
1403	10	496	37.2019	89.3272	-599.7	QAL	7.38	1.29	1.36	0.0	0.0	5.432	1525.	31.	6.	766.4	27.1	1
1404	0	492	37.2013	89.3272	-603.2	QAL	7.62	3.48	1.20	0.456	2.909	6.378	1497.	33.	5.	766.4	27.1	1
1405	10	484	37.2007	89.3272	-605.0	QAL	6.77	1.23	1.27	0.0	0.0	5.310	1557.	25.	11.	765.9	27.1	1
1406	0	476	37.2001	89.3272	-606.7	QAL	9.38	1.91	1.51	0.204	1.266	6.212	1695.	28.	11.	766.9	27.1	1
1407	10	468	37.1995	89.3271	-609.5	QAL	5.05	1.28	1.08	0.0	0.0	4.660	1636.	40.	17.	766.4	27.1	1
1408	10	468	37.1989	89.3271	-612.7	QAL	8.14	-1.29	1.23	0.0	0.0	6.620	1542.	40.	21.	766.9	27.1	1
1409	10	460	37.1982	89.3270	-617.2	QAL	6.40	1.39	1.14	0.0	0.0	5.598	1556.	36.	18.	767.4	27.2	1
1410	10	460	37.1977	89.3270	-621.0	QAL	6.09	0.63	1.51	0.0	0.0	4.047	1688.	31.	18.	766.4	27.2	1
1411	10	456	37.1970	89.3270	-623.7	QAL	5.95	1.07	1.37	0.0	0.0	4.339	1586.	45.	17.	766.4	27.2	1
1412	0	456	37.1964	89.3270	-626.5	QAL	6.36	3.06	0.98	0.482	3.121	6.479	1567.	31.	14.	766.9	27.2	1
1413	10	456	37.1958	89.3269	-628.5	QAL	7.30	1.26	1.53	0.0	0.0	4.760	1691.	29.	12.	767.4	27.3	1
1414	0	460	37.1952	89.3269	-631.5	QAL	5.44	4.11	1.40	0.755	2.925	3.875	1587.	49.	6.	768.0	27.3	1
1415	0	460	37.1945	89.3268	-635.7	QAL	4.83	4.30	1.13	0.890	3.814	4.288	1640.	44.	6.	767.4	27.3	1
1416	0	456	37.1940	89.3268	-640.0	QAL	7.23	2.10	1.48	0.290	1.412	4.876	1594.	47.	3.	766.9	27.3	1
1417	0	452	37.1934	89.3268	-642.2	QAL	6.13	2.41	1.54	0.393	1.567	3.983	1640.	35.	8.	767.4	27.4	1
1418	0	448	37.1927	89.3268	-646.0	QAL	7.88	3.65	1.15	0.463	3.165	6.831	1652.	37.	2.	768.5	27.4	1
1419	0	444	37.1922	89.3267	-648.5	QAL	6.17	3.18	1.15	0.516	2.772	5.373	1544.	38.	4.	768.0	27.4	1
1420	0	436	37.1915	89.3267	-652.7	QAL	6.73	2.39	1.36	0.355	1.752	4.934	1578.	41.	7.	766.9	27.4	1
1421	0	436	37.1909	89.3266	-654.5	QAL	4.26	2.08	1.41	0.488	1.470	3.014	1540.	49.	8.	767.4	27.4	1
1422	10	432	37.1903	89.3266	-657.5	QAL	6.98	0.67	1.30	0.0	0.0	5.366	1652.	35.	14.	768.0	27.4	1
1423	10	428	37.1897	89.3265	-660.7	QAL	9.98	0.65	1.35	0.0	0.0	7.418	1608.	38.	14.	768.0	27.4	1
1424	10	424	37.1890	89.3265	-663.7	QAL	4.94	1.28	1.29	0.0	0.0	3.817	1577.	44.	18.	768.5	27.4	1
1425	0	420	37.1885	89.3264	-667.7	QAL	5.08	1.80	1.35	0.355	1.333	3.755	1602.	39.	16.	768.5	27.4	1
1426	10	420	37.1879	89.3264	-670.7	QAL	7.70	0.34	1.39	0.0	0.0	5.527	1615.	43.	19.	769.0	27.4	1
1427	0	416	37.1872	89.3264	-673.2	QAL	6.92	1.71	1.21	0.247	1.411	5.716	1738.	38.	19.	769.0	27.4	1
1428	10	416	37.1867	89.3264	-676.2	QAL	6.01	1.27	1.30	0.0	0.0	4.639	1657.	37.	18.	769.0	27.4	1
1429	10	416	37.1860	89.3263	-678.5	QAL	7.21	0.85	1.32	0.0	0.0	5.478	1620.	35.	18.	769.5	27.5	1
1430	0	416	37.1854	89.3263	-683.0	QAL	6.74	1.67	1.34	0.247	1.244	5.031	1566.	47.	15.	769.5	27.5	1
1431	10	412	37.1848	89.3262	-687.7	QAL	4.48	1.30	1.40	0.0	0.0	3.194	1539.	38.	16.	769.0	27.5	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1432	0	412	37.1842	89.3262	-690.5	QAL	5.64	2.56	1.28	0.454	1.999	4.405	1591.	34.	15.	769.0	27.5	1
1433	0	412	37.1835	89.3261	-692.2	QAL	4.26	1.59	1.48	0.373	1.075	2.883	1426.	43.	15.	768.5	27.5	1
1434	10	408	37.1830	89.3261	-695.5	QAL	5.03	0.93	1.48	0.0	0.0	3.393	1354.	42.	15.	768.5	27.5	1
1435	10	408	37.1824	89.3260	-699.5	QAL	4.65	-0.14	1.33	0.0	0.0	3.483	1358.	39.	17.	768.5	27.6	1
1436	10	412	37.1818	89.3260	-703.7	QAL	3.55	1.19	1.08	0.0	0.0	3.292	1274.	39.	15.	769.0	27.5	1
1437	10	412	37.1811	89.3260	-706.5	QAL	3.99	0.95	1.16	0.0	0.0	3.429	1250.	48.	14.	770.0	27.5	1
1438	10	416	37.1806	89.3260	-708.5	QAL	5.17	-0.46	1.38	0.0	0.0	3.748	1340.	37.	13.	769.0	27.5	1
1439	0	424	37.1800	89.3260	-711.5	QAL	5.61	1.55	1.39	0.276	1.111	4.031	1430.	43.	10.	768.0	27.6	1
1440	0	428	37.1794	89.3260	-716.5	QAL	5.68	2.47	1.12	0.434	2.204	5.075	1477.	45.	11.	770.0	27.6	1
1441	10	432	37.1788	89.3260	-719.7	QAL	5.33	0.30	1.49	0.0	0.0	3.576	1541.	45.	6.	770.0	27.5	1
1442	0	432	37.1783	89.3260	-721.2	QAL	5.88	1.91	1.45	0.324	1.316	4.061	1617.	39.	6.	769.0	27.5	1
1443	0	428	37.1776	89.3259	-725.2	QAL	6.36	3.34	1.45	0.525	2.299	4.376	1662.	43.	2.	769.0	27.5	1
1444	0	428	37.1770	89.3259	-729.2	QAL	6.76	2.65	1.29	0.391	2.053	5.246	1636.	33.	2.	770.0	27.5	1
1445	0	432	37.1765	89.3259	-732.0	QAL	9.53	2.48	1.48	0.260	1.673	6.435	1746.	34.	1.	769.0	27.5	1
1446	0	432	37.1759	89.3259	-734.5	QAL	7.79	2.82	1.09	0.362	2.573	7.113	1771.	37.	5.	769.0	27.5	1
1447	0	436	37.1754	89.3259	-738.0	QAL	7.15	4.59	1.26	0.642	3.630	5.658	1742.	48.	3.	769.5	27.6	1
1448	10	436	37.1748	89.3259	-740.7	QAL	7.50	0.99	1.19	0.0	0.0	6.287	1589.	47.	6.	769.0	27.7	1
1449	0	440	37.1742	89.3258	-744.7	QAL	7.69	2.38	0.99	0.310	2.407	7.770	1603.	58.	4.	768.0	27.5	1
1450	0	444	37.1736	89.3258	-746.2	QAL	7.56	3.48	1.27	0.461	2.751	5.972	1606.	40.	6.	768.5	27.6	1
1451	0	448	37.1730	89.3258	-749.7	QAL	5.66	3.67	1.21	0.648	3.023	4.666	1577.	35.	7.	769.5	27.6	1
1452	0	452	37.1724	89.3258	-754.5	QAL	6.07	3.32	1.16	0.547	2.854	5.215	1648.	30.	8.	768.5	27.6	1
1453	0	460	37.1719	89.3258	-757.2	QAL	7.14	2.82	1.30	0.395	2.180	5.512	1709.	40.	4.	768.5	27.7	1
1454	0	468	37.1713	89.3258	-760.0	QAL	7.81	3.12	1.21	0.399	2.570	6.446	1728.	32.	4.	768.5	27.7	1
1455	0	472	37.1707	89.3257	-762.5	QAL	9.19	3.08	1.21	0.335	2.550	7.613	1717.	42.	5.	768.0	27.6	1
1456	10	472	37.1701	89.3257	-765.5	QAL	9.26	1.39	1.64	0.0	0.0	5.648	1746.	35.	5.	769.0	27.6	1
1457	10	468	37.1695	89.3257	-768.7	QAL	6.74	1.33	1.85	0.0	0.0	3.649	1785.	44.	9.	768.5	27.5	1
1458	0	460	37.1689	89.3257	-771.5	QAL	7.57	2.12	1.70	0.280	1.246	4.456	1761.	40.	8.	767.4	27.5	1
1459	0	456	37.1684	89.3257	-775.5	QAL	7.34	2.11	1.72	0.287	1.225	4.270	1799.	50.	11.	769.0	27.4	1
1460	0	448	37.1678	89.3257	-778.5	QAL	8.13	2.25	1.46	0.277	1.544	5.569	1803.	35.	11.	769.0	27.4	1
1461	0	444	37.1672	89.3256	-779.5	QAL	8.73	2.74	1.67	0.314	1.644	5.239	1879.	26.	7.	768.5	27.4	1
1462	0	440	37.1666	89.3256	-782.5	QAL	6.18	1.76	1.59	0.284	1.106	3.891	1856.	29.	8.	768.5	27.5	1
1463	0	436	37.1660	89.3256	-787.5	QAL	7.89	2.43	1.52	0.308	1.598	5.186	1749.	42.	7.	767.4	27.5	1
1464	0	436	37.1654	89.3256	-790.0	QAL	7.92	2.57	1.38	0.324	1.861	5.741	1686.	47.	6.	768.5	27.5	1
1465	10	436	37.1649	89.3256	-792.0	QAL	7.64	1.32	1.46	0.0	0.0	5.227	1688.	47.	6.	770.0	27.6	1
1466	0	436	37.1643	89.3256	-795.2	QAL	6.24	3.44	1.20	0.551	2.851	5.176	1706.	34.	5.	769.0	27.5	1
1467	0	440	37.1637	89.3255	-798.5	QAL	5.59	1.53	1.52	0.274	1.007	3.670	1654.	43.	5.	768.5	27.6	1
1468	0	440	37.1631	89.3255	-801.5	QAL	7.52	1.63	1.54	0.217	1.058	4.874	1637.	49.	7.	769.0	27.6	1
1469	0	440	37.1626	89.3255	-805.0	QAL	6.80	1.74	1.61	0.256	1.083	4.226	1656.	44.	5.	769.0	27.6	1
1470	0	440	37.1619	89.3255	-807.2	QAL	6.55	2.08	1.38	0.317	1.511	4.764	1576.	39.	7.	768.5	27.5	1
1471	0	436	37.1613	89.3255	-810.2	QAL	6.14	2.26	1.27	0.369	1.777	4.820	1624.	45.	5.	768.5	27.5	1
1472	0	436	37.1608	89.3255	-814.0	QAL	6.70	2.60	1.35	0.388	1.920	4.947	1653.	49.	7.	768.5	27.5	1
1473	0	436	37.1602	89.3254	-814.7	QAL	4.79	2.74	1.59	0.572	1.721	3.010	1548.	41.	8.	769.5	27.5	1
1474	0	432	37.1596	89.3254	-816.7	QAL	4.36	1.64	1.33	0.377	1.235	3.278	1574.	38.	9.	769.5	27.5	1
1475	0	432	37.1590	89.3254	-820.2	QAL	6.31	2.24	1.53	0.355	1.464	4.129	1680.	36.	5.	769.0	27.5	1
1476	0	436	37.1584	89.3254	-825.2	QAL	5.32	4.79	1.39	0.901	3.448	3.826	1682.	42.	6.	768.5	27.5	1
1477	0	436	37.1579	89.3254	-826.7	QAL	7.29	2.68	1.34	0.367	1.997	5.439	1611.	40.	7.	769.0	27.5	1
1478	10	440	37.1573	89.3254	-829.2	QAL	7.44	1.59	1.12	0.0	0.0	6.638	1628.	39.	10.	768.5	27.5	1
1479	0	436	37.1567	89.3254	-833.7	QAL	4.58	3.19	1.59	0.696	2.009	2.888	1692.	37.	12.	769.0	27.5	1
1480	0	436	37.1561	89.3253	-835.7	QAL	6.33	1.79	1.28	0.282	1.396	4.940	1630.	36.	12.	769.0	27.5	1
1481	10	432	37.1555	89.3253	-838.0	QAL	7.88	-0.05	1.57	0.0	0.0	5.022	1660.	38.	16.	769.0	27.5	1
1482	0	432	37.1550	89.3253	-840.2	QAL	5.70	4.12	1.03	0.722	3.983	5.514	1627.	40.	12.	768.5	27.5	1
1483	10	432	37.1544	89.3253	-841.7	QAL	6.51	1.23	1.41	0.0	0.0	4.621	1509.	40.	13.	768.0	27.6	1
1484	0	432	37.1538	89.3253	-844.2	QAL	5.39	2.18	1.16	0.405	1.882	4.651	1637.	40.	13.	769.0	27.6	1

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CP9 1P12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1485	10	428	37.1532	89.3253	-847.2		QAL	6.16	1.53	1.66	0.0	0.0	3.706	1622.	48.	10.	769.5	27.6	1
1486	0	416	37.1526	89.3253	-847.5		QAL	6.51	2.61	1.16	0.401	2.248	5.606	1524.	28.	9.	769.0	27.6	1
1487	0	376	37.1521	89.3253	-851.0		QAL	5.34	2.98	1.05	0.558	2.845	5.094	1429.	26.	4.	769.0	27.6	1
1488	0	428	37.1515	89.3253	-852.7		QAL	6.25	2.76	0.88	0.442	3.130	7.075	1446.	45.	3.	768.5	27.6	1
1489	10	432	37.1509	89.3253	-853.5		QAL	5.26	1.08	1.28	0.0	0.0	4.124	1345.	33.	7.	768.5	27.6	1
1490	0	436	37.1503	89.3253	-858.2		QAL	5.12	1.80	1.13	0.352	1.591	4.521	1269.	47.	3.	768.0	27.6	1
1491	10	436	37.1497	89.3252	-860.2		QAL	4.98	1.26	1.01	0.0	0.0	4.942	1038.	39.	6.	768.5	27.6	1
1492	10	444	37.1491	89.3252	-861.0		QAL	3.41	0.88	0.75	0.0	0.0	4.573	878.	37.	6.	769.5	27.6	1
1493	10	452	37.1486	89.3252	-864.0		QAL	2.46	0.96	0.38	0.0	0.0	6.522	692.	34.	9.	768.0	27.6	1
1494	10	448	37.1480	89.3252	-866.5		QAL	1.80	1.04	0.31	0.0	0.0	5.833	513.	43.	5.	768.5	27.6	1
1495	111	448	37.1474	89.3252	-869.2	(WATER)		0.79	0.02	0.10	0.0	0.0	0.0	369.	41.	10.	769.0	27.6	1
1496	11	444	37.1468	89.3252	-870.7	(WATER)		2.07	0.66	0.08	0.0	0.0	0.0	310.	32.	9.	766.9	27.6	1
1497	110	444	37.1462	89.3251	-873.0	(WATER)		0.48	-0.77	0.15	0.0	0.0	0.0	253.	43.	11.	768.0	27.6	1
1498	10	444	37.1456	89.3251	-875.7	(WATER)		1.84	-0.57	0.27	0.0	0.0	6.875	297.	33.	9.	768.5	27.6	1
1499	10	444	37.1451	89.3251	-876.5	(WATER)		1.26	0.95	0.18	0.0	0.0	7.045	310.	38.	7.	767.4	27.6	1
1500	10	444	37.1445	89.3251	-878.7	(WATER)		1.77	0.33	0.27	0.0	0.0	6.516	437.	37.	10.	769.5	27.5	1
1501	10	444	37.1439	89.3251	-880.2	(WATER)		2.67	1.03	0.32	0.0	0.0	8.363	548.	36.	10.	768.5	27.5	1
1502	10	444	37.1434	89.3251	-882.0	(WATER)		2.24	0.57	0.62	0.0	0.0	3.596	755.	31.	7.	768.0	27.5	1
1503	10	448	37.1427	89.3250	-883.2	(WATER)		4.00	1.20	0.88	0.0	0.0	4.533	915.	42.	6.	770.0	27.5	1
1504	10	448	37.1421	89.3250	-886.2	(WATER)		4.07	0.96	0.93	0.0	0.0	4.399	1166.	30.	12.	768.5	27.5	1
1505	10	444	37.1416	89.3250	-886.2		QAL	4.53	1.39	1.29	0.0	0.0	3.521	1255.	43.	13.	767.4	27.5	1
1506	0	440	37.1410	89.3250	-888.7		QAL	4.64	2.45	1.37	0.529	1.792	3.387	1433.	37.	11.	769.0	27.5	1
1507	0	436	37.1404	89.3250	-890.5		QAL	5.57	3.13	1.42	0.562	2.210	3.930	1575.	31.	8.	768.0	27.5	1
1508	0	432	37.1398	89.3250	-890.7		QAL	5.32	2.46	1.56	0.462	1.572	3.404	1604.	45.	14.	769.0	27.5	1
1509	0	436	37.1392	89.3250	-893.5		QAL	6.91	2.00	1.53	0.289	1.306	4.517	1685.	38.	13.	770.5	27.5	1
1510	10	436	37.1386	89.3250	-895.0		QAL	5.06	1.35	1.30	0.0	0.0	3.901	1679.	36.	20.	767.4	27.5	1
1511	10	432	37.1381	89.3250	-895.2		QAL	5.93	1.26	1.47	0.0	0.0	4.036	1666.	42.	15.	768.5	27.5	1
1512	10	432	37.1375	89.3250	-897.5		QAL	6.41	0.65	1.66	0.0	0.0	3.852	1709.	33.	16.	770.0	27.5	1
1513	0	432	37.1369	89.3249	-899.7		QAL	4.54	2.32	1.48	0.510	1.567	3.075	1647.	37.	10.	766.9	27.5	1
1514	0	432	37.1364	89.3249	-900.5		QAL	6.09	2.82	1.74	0.464	1.626	3.508	1678.	42.	9.	768.0	27.5	1
1515	0	436	37.1358	89.3249	-900.7		QAL	4.45	3.35	1.31	0.752	2.560	3.405	1664.	53.	10.	770.0	27.6	1
1516	10	436	37.1351	89.3249	-902.2		QAL	8.23	-0.12	1.75	0.0	0.0	4.702	1589.	30.	10.	768.0	27.5	1
1517	0	436	37.1346	89.3249	-906.7		QAL	5.97	2.97	1.37	0.498	2.164	4.342	1705.	39.	9.	768.0	27.5	1
1518	0	436	37.1340	89.3249	-906.2		QAL	5.74	4.06	1.45	0.708	2.798	3.954	1763.	43.	7.	770.0	27.5	1
1519	0	436	37.1334	89.3249	-906.0		QAL	5.36	3.35	1.66	0.626	2.016	3.218	1757.	55.	10.	769.0	27.5	1
1520	10	436	37.1328	89.3249	-908.2		QAL	7.66	1.48	1.38	0.0	0.0	5.567	1644.	42.	12.	768.0	27.4	1
1521	0	436	37.1323	89.3248	-909.5		QAL	6.13	3.09	1.46	0.505	2.114	4.185	1698.	38.	8.	769.0	27.3	1
1522	0	432	37.1317	89.3247	-910.0		QAL	5.59	2.58	1.34	0.463	1.922	4.154	1510.	42.	8.	769.5	27.4	1
1523	0	432	37.1311	89.3247	-911.7		QAL	5.56	2.35	1.15	0.423	2.048	4.846	1419.	33.	5.	768.5	27.4	1
1524	0	428	37.1305	89.3247	-913.0		QAL	3.85	1.87	1.07	0.486	1.742	3.588	1208.	45.	7.	768.5	27.4	1
1525	0	428	37.1299	89.3247	-912.7		QAL	4.99	1.79	0.88	0.359	2.028	5.647	1088.	28.	5.	769.5	27.4	1
1526	10	428	37.1293	89.3247	-914.5		QAL	3.62	1.14	0.83	0.0	0.0	4.357	919.	41.	4.	770.5	27.5	1
1527	10	424	37.1288	89.3247	-915.2		QAL	3.84	1.29	0.65	0.0	0.0	5.919	828.	41.	6.	768.5	27.5	1
1528	10	428	37.1282	89.3247	-915.7		QAL	4.14	1.18	0.53	0.0	0.0	7.746	801.	30.	6.	768.5	27.5	1
1529	0	428	37.1276	89.3247	-916.5		QAL	2.87	1.51	0.52	0.526	2.911	5.532	695.	43.	10.	770.5	27.5	1
1530	0	424	37.1270	89.3247	-918.2		QAL	2.35	1.39	0.62	0.591	2.235	3.785	696.	30.	8.	770.5	27.5	1
1531	10	424	37.1264	89.3247	-917.7		QAL	2.01	-0.60	0.50	0.0	0.0	4.022	780.	40.	12.	768.5	27.5	1
1532	10	420	37.1259	89.3247	-918.7		QAL	4.21	1.19	0.90	0.0	0.0	4.672	1021.	26.	10.	768.5	27.5	1
1533	0	416	37.1253	89.3246	-919.5		QAL	4.06	1.53	0.86	0.376	1.782	4.742	1106.	34.	9.	769.5	27.5	1
1534	10	408	37.1247	89.3246	-919.0		QAL	4.54	1.04	0.83	0.0	0.0	5.495	1213.	24.	12.	771.6	27.5	1
1535	0	332	37.1241	89.3246	-920.5		QAL	3.02	1.42	0.96	0.472	1.488	3.155	1083.	28.	14.	770.5	27.5	1
1536	10	324	37.1235	89.3246	-922.2		QAL	4.30	0.99	0.74	0.0	0.0	5.812	1085.	36.	13.	768.5	27.5	1
1537	10	328	37.1229	89.3246	-922.0		QAL	4.79	0.17	0.77	0.0	0.0	6.246	1070.	39.	13.	769.5	27.5	1

CP9 1P12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1538	0	324	37.1224	89.3246	-922.5		QAL	2.37	1.26	0.84	0.530	1.496	2.823	1073.	41.	12.	771.1	27.5	1
1539	10	332	37.1218	89.3245	-923.2		QAL	4.72	0.71	1.08	0.0	0.0	4.367	1106.	48.	10.	769.0	27.5	1
1540	10	336	37.1212	89.3245	-923.5		QAL	3.76	0.34	0.91	0.0	0.0	4.126	1010.	23.	9.	768.0	27.5	1
1541	0	360	37.1206	89.3245	-924.5		QAL	2.41	2.57	0.62	1.066	4.182	3.925	924.	30.	7.	769.5	27.5	1
1542	10	352	37.1200	89.3245	-924.7		QAL	1.60	1.04	0.56	0.0	0.0	2.852	675.	43.	10.	770.0	27.5	1
1543	0	372	37.1194	89.3245	-925.5		QAL	1.07	1.72	0.33	1.610	5.129	3.185	498.	34.	8.	770.0	27.6	1
1544	110	372	37.1189	89.3245	-927.0	(WATER)		0.17	0.67	0.13	0.0	0.0	0.0	224.	46.	4.	769.5	27.5	1
1545	111	424	37.1183	89.3244	-928.0	(WATER)		0.09	0.04	-0.07	0.0	0.0	0.0	157.	41.	7.	768.5	27.5	1
1546	111	432	37.1177	89.3244	-927.0	(WATER)		0.33	0.07	-0.01	0.0	0.0	0.0	160.	34.	5.	768.5	27.5	1
1547	111	440	37.1171	89.3244	-927.2	(WATER)		0.48	0.52	-0.09	0.0	0.0	0.0	95.	55.	5.	770.0	27.5	1
1548	111	444	37.1165	89.3244	-928.5	(WATER)		0.54	0.76	0.02	0.0	0.0	0.0	155.	31.	2.	769.0	27.5	1
1549	111	448	37.1159	89.3244	-928.5	(WATER)		-0.07	0.39	-0.06	0.0	0.0	0.0	130.	42.	4.	767.4	27.5	1
1550	111	452	37.1154	89.3244	-930.0	(WATER)		0.59	0.52	0.06	0.0	0.0	0.0	180.	37.	7.	767.4	27.5	1
1551	111	452	37.1148	89.3244	-932.0	(WATER)		0.71	0.43	0.06	0.0	0.0	0.0	201.	34.	3.	769.5	27.4	1
1552	111	448	37.1142	89.3244	-930.2		QAL	-0.07	0.34	0.06	0.0	0.0	0.0	199.	43.	5.	769.5	27.5	1
1553	111	444	37.1136	89.3244	-930.0		QAL	0.59	0.32	0.06	0.0	0.0	0.0	205.	29.	5.	769.5	27.5	1
1554	11	440	37.1131	89.3244	-930.2		QAL	1.24	0.64	0.05	0.0	0.0	0.0	260.	33.	4.	768.5	27.4	1
1555	110	440	37.1125	89.3243	-931.5		QAL	1.03	0.13	0.37	0.0	0.0	0.0	358.	35.	10.	767.4	27.4	1
1556	10	436	37.1118	89.3243	-932.2		QAL	1.52	0.27	0.27	0.0	0.0	5.601	437.	36.	11.	767.4	27.4	1
1557	10	436	37.1113	89.3243	-932.7		QAL	1.72	0.03	0.53	0.0	0.0	3.227	552.	37.	10.	769.5	27.3	1
1558	10	432	37.1107	89.3243	-933.7		QAL	3.94	1.02	0.29	0.0	0.0	13.629	641.	36.	9.	770.0	27.4	1
1559	10	432	37.1101	89.3243	-933.2		QAL	2.48	0.69	0.51	0.0	0.0	4.837	804.	32.	9.	770.0	27.4	1
1560	10	428	37.1096	89.3243	-934.2		QAL	4.21	1.12	0.70	0.0	0.0	6.032	967.	40.	7.	770.0	27.4	1
1561	10	424	37.1090	89.3243	-932.2		QAL	4.12	0.27	1.04	0.0	0.0	3.965	1087.	35.	10.	768.5	27.4	1
1562	0	424	37.1084	89.3243	-929.7		QAL	4.64	1.52	0.88	0.328	1.731	5.276	1122.	40.	8.	767.4	27.5	1
1563	0	424	37.1078	89.3243	-929.7		QAL	4.90	1.51	0.91	0.308	1.660	5.399	1180.	44.	11.	769.0	27.5	1
1564	0	408	37.1073	89.3243	-933.2		QAL	3.75	1.92	0.74	0.513	2.618	5.104	1138.	38.	13.	770.0	27.5	1
1565	10	368	37.1067	89.3243	-934.2		QAL	6.16	0.82	0.80	0.0	0.0	7.727	1199.	41.	10.	769.5	27.4	1
1566	10	376	37.1062	89.3244	-935.0		QAL	5.19	0.39	1.18	0.0	0.0	4.380	1243.	45.	10.	769.0	27.4	1
1567	0	372	37.1056	89.3245	-934.7		QAL	6.86	1.89	0.82	0.276	2.324	8.411	1314.	41.	9.	768.0	27.4	1
1568	10	364	37.1051	89.3245	-934.0		QAL	7.42	0.66	1.01	0.0	0.0	7.319	1409.	35.	10.	768.0	27.3	1
1569	0	364	37.1045	89.3245	-934.0		QAL	6.04	1.41	0.90	0.234	1.566	6.697	1250.	50.	9.	769.5	27.3	1
1570	0	364	37.1039	89.3246	-934.5		QAL	4.63	1.86	0.89	0.401	2.095	5.221	1300.	30.	9.	770.5	27.3	1
1571	10	364	37.1034	89.3246	-935.0		QAL	8.34	0.97	0.91	0.0	0.0	9.120	1341.	31.	4.	770.5	27.2	1
1572	0	364	37.1028	89.3246	-933.2		QAL	6.65	1.81	0.81	0.273	2.244	8.230	1260.	58.	4.	770.0	27.3	1
1573	10	356	37.1023	89.3247	-932.7		QAL	6.07	0.89	1.13	0.0	0.0	5.355	1421.	40.	3.	768.5	27.3	1
1574	0	348	37.1017	89.3247	-932.7		QAL	5.57	2.47	1.06	0.444	2.331	5.255	1257.	48.	1.	768.5	27.3	1
1575	0	348	37.1012	89.3248	-933.7		QAL	5.43	1.89	0.94	0.348	2.018	5.793	1239.	34.	2.	769.5	27.3	1
1576	0	348	37.1006	89.3248	-934.0		QAL	4.88	2.08	1.07	0.425	1.931	4.544	1293.	28.	1.	769.5	27.3	1
1577	0	348	37.1001	89.3249	-934.5		QAL	4.48	2.42	0.95	0.541	2.546	4.704	1354.	29.	3.	770.5	27.3	1
1578	0	348	37.0995	89.3249	-934.2		QAL	4.05	2.80	1.08	0.690	2.599	3.764	1342.	39.	3.	770.5	27.4	1
1579	0	340	37.0989	89.3249	-932.7		QAL	5.30	2.82	0.85	0.533	3.322	6.234	1286.	41.	1.	769.5	27.4	1
1580	0	344	37.0984	89.3250	-932.2		QAL	6.10	1.79	0.89	0.293	2.014	6.884	1316.	44.	2.	768.5	27.5	1
1581	0	340	37.0979	89.3251	-933.7		QAL	5.75	1.49	1.12	0.258	1.323	5.120	1329.	33.	1.	768.5	27.5	1
1582	0	340	37.0973	89.3251	-932.2		QAL	5.25	1.20	1.00	0.229	1.198	5.226	1068.	28.	2.	769.0	27.6	1
1583	0	352	37.0968	89.3251	-931.7		QAL	6.19	1.29	0.61	0.209	2.124	10.168	938.	35.	2.	770.0	27.6	1
1584	0	352	37.0962	89.3252	-930.2		QAL	2.79	2.02	0.71	0.725	2.837	3.915	1002.	43.	1.	770.5	27.6	1
1585	0	360	37.0956	89.3252	-932.2		QAL	4.88	1.64	0.90	0.335	1.818	5.422	1175.	47.	0.	770.5	27.5	1
1586	0	364	37.0951	89.3253	-931.2		QAL	6.53	1.30	0.88	0.198	1.471	7.419	1306.	37.	2.	770.5	27.5	1
1587	0	360	37.0945	89.3253	-930.7		QAL	5.81	2.74	1.08	0.471	2.525	5.365	1474.	38.	0.	770.0	27.6	1
1588	0	384	37.0940	89.3253	-930.0		QAL	6.93	3.58	1.47	0.517	2.431	4.702	1648.	37.	5.	769.5	27.5	1
1589	0	372	37.0934	89.3254	-927.7		QAL	6.76	3.09	1.39	0.456	2.214	4.854	1585.	29.	6.	768.5	27.5	1
1590	0	432	37.0928	89.3254	-928.2		QAL	4.31	3.77	1.58	0.875	2.381	2.722	1676.	42.	6.	768.0	27.5	1

CP9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1591	0	436	37.0923	89.3254	-927.5	QAL	5.89	3.73	1.29	0.634	2.903	4.583	1753.	34.	9.	768.0	27.5	1
1592	0	440	37.0918	89.3255	-926.0	QAL	6.98	4.47	1.28	0.641	3.508	5.473	1705.	36.	12.	769.0	27.6	1
1593	10	440	37.0912	89.3255	-925.5	QAL	4.82	0.56	1.63	0.0	0.0	2.955	1626.	51.	14.	771.1	27.6	1
1594	0	440	37.0907	89.3256	-926.2	QAL	5.11	3.25	1.48	0.636	2.202	3.462	1611.	36.	14.	771.1	27.6	1
1595	10	436	37.0901	89.3257	-925.5	QAL	5.21	0.91	1.82	0.0	0.0	2.864	1635.	32.	15.	770.0	27.6	1
1596	0	436	37.0895	89.3257	-922.0	QAL	5.92	1.67	1.50	0.282	1.112	3.941	1613.	43.	14.	770.5	27.6	1
1597	10	436	37.0890	89.3257	-921.0	QAL	5.90	1.29	1.67	0.0	0.0	3.533	1648.	36.	14.	770.5	27.7	1
1598	0	436	37.0884	89.3258	-921.5	QAL	7.26	2.97	1.36	0.409	2.193	5.358	1636.	32.	6.	768.5	27.6	1
1599	10	436	37.0879	89.3258	-921.7	QAL	6.85	1.06	1.47	0.0	0.0	4.656	1636.	36.	9.	767.4	27.7	1
1600	0	436	37.0874	89.3259	-920.0	QAL	7.56	4.11	1.40	0.544	2.940	5.404	1553.	44.	4.	768.5	27.6	1
1601	0	436	37.0868	89.3260	-917.2	QAL	7.35	1.72	1.66	0.234	1.038	4.432	1527.	44.	5.	768.5	27.6	1
1602	10	416	37.0862	89.3260	-915.7	QAL	6.91	1.07	1.38	0.0	0.0	5.000	1548.	54.	7.	769.5	27.5	1
1603	0	428	37.0857	89.3260	-916.0	QAL	5.69	3.66	1.59	0.643	2.293	3.569	1699.	28.	3.	770.0	27.5	1
1604	0	440	37.0851	89.3260	-916.0	QAL	5.28	2.04	1.80	0.387	1.132	2.926	1885.	38.	6.	770.0	27.6	1
1605	0	440	37.0845	89.3260	-914.0	QAL	9.29	1.62	1.88	0.174	0.862	4.943	1832.	33.	6.	770.0	27.6	1
1606	10	448	37.0840	89.3262	-911.2	QAL	7.27	1.13	1.60	0.0	0.0	4.551	1804.	40.	7.	770.5	27.7	1
1607	0	452	37.0834	89.3262	-911.0	QAL	9.76	2.93	1.38	0.300	2.115	7.054	1897.	38.	4.	769.5	27.6	1
1608	0	448	37.0829	89.3262	-911.7	QAL	6.44	3.49	1.40	0.541	2.489	4.601	1856.	34.	6.	768.0	27.5	1
1609	0	448	37.0824	89.3263	-910.0	QAL	9.12	2.72	1.67	0.298	1.623	5.447	1804.	34.	2.	768.0	27.5	1
1610	0	444	37.0818	89.3263	-907.5	QAL	9.96	3.67	1.61	0.369	2.287	6.197	1769.	52.	3.	769.0	27.4	1
1611	0	440	37.0812	89.3263	-906.2	QAL	7.82	3.83	1.42	0.490	2.706	5.526	1876.	24.	2.	769.0	27.4	1
1612	0	432	37.0807	89.3264	-905.7	QAL	7.56	3.43	1.66	0.454	2.066	4.553	1902.	32.	4.	768.0	27.4	1
1613	0	428	37.0801	89.3264	-904.0	QAL	7.43	3.58	1.96	0.481	1.829	3.799	1867.	27.	5.	769.0	27.4	1
1614	0	424	37.0795	89.3265	-901.5	QAL	6.94	2.49	1.49	0.358	1.666	4.646	1787.	37.	5.	769.0	27.5	1
1615	0	416	37.0790	89.3266	-900.0	QAL	5.18	2.97	1.39	0.573	2.129	3.714	1795.	36.	7.	769.0	27.5	1
1616	10	412	37.0785	89.3266	-898.7	QAL	8.93	0.30	1.68	0.0	0.0	5.313	1765.	41.	9.	770.0	27.4	1
1617	0	412	37.0779	89.3266	-897.2	QAL	5.47	3.50	1.53	0.639	2.293	3.586	1699.	51.	11.	770.5	27.4	1
1618	0	412	37.0774	89.3266	-896.7	QAL	8.40	2.14	1.31	0.254	1.637	6.434	1787.	44.	9.	771.6	27.4	1
1619	0	408	37.0768	89.3267	-895.2	QAL	8.38	3.51	1.89	0.419	1.862	4.444	1867.	28.	10.	772.6	27.4	1
1620	0	408	37.0763	89.3268	-893.2	QAL	6.48	3.73	1.51	0.575	2.461	4.278	1837.	35.	7.	771.6	27.4	1
1621	0	404	37.0757	89.3268	-892.2	QAL	9.67	2.38	1.55	0.246	1.537	6.247	1888.	22.	8.	770.5	27.4	1
1622	0	404	37.0751	89.3268	-891.0	QAL	9.05	4.03	1.37	0.445	2.948	6.619	1849.	37.	7.	771.6	27.4	1
1623	0	404	37.0746	89.3269	-889.7	QAL	8.85	2.04	1.62	0.231	1.261	5.462	1849.	39.	8.	771.6	27.4	1
1624	10	404	37.0741	89.3269	-889.0	QAL	11.00	1.34	1.70	0.0	0.0	6.482	1888.	35.	7.	770.5	27.4	1
1625	0	408	37.0735	89.3270	-886.0	QAL	9.10	4.80	1.39	0.527	3.454	6.550	1935.	40.	9.	771.1	27.4	1
1626	0	412	37.0730	89.3270	-885.2	QAL	7.26	2.04	1.78	0.281	1.146	4.076	1778.	37.	9.	771.1	27.4	1
1627	0	412	37.0724	89.3270	-884.7	QAL	7.18	1.75	1.46	0.244	1.198	4.911	1816.	41.	11.	770.0	27.5	1
1628	0	416	37.0718	89.3271	-883.2	QAL	6.09	3.09	1.58	0.507	1.947	3.842	1815.	37.	7.	770.0	27.6	1
1629	0	420	37.0713	89.3271	-881.5	QAL	6.45	2.03	1.59	0.315	1.277	4.061	1773.	34.	11.	770.0	27.5	1
1630	0	420	37.0707	89.3271	-880.2	QAL	6.46	2.30	1.83	0.357	1.257	3.521	1962.	26.	10.	770.0	27.6	1
1631	0	420	37.0701	89.3272	-879.7	QAL	7.46	2.70	1.77	0.362	1.529	4.226	1806.	50.	3.	769.0	27.6	1
1632	0	424	37.0696	89.3272	-878.0	QAL	6.93	4.34	1.60	0.627	2.707	4.317	1740.	29.	2.	768.0	27.6	1
1633	0	428	37.0690	89.3273	-876.0	QAL	8.97	3.89	1.38	0.434	2.811	6.482	1840.	37.	3.	768.0	27.7	1
1634	0	428	37.0685	89.3274	-873.2	QAL	8.17	2.78	1.46	0.341	1.904	5.584	1676.	37.	3.	767.4	27.8	1
1635	0	432	37.0680	89.3274	-871.0	QAL	6.48	3.90	1.56	0.602	2.500	4.150	1815.	43.	5.	767.4	27.9	1
1636	0	440	37.0674	89.3274	-870.0	QAL	10.96	3.76	1.49	0.343	2.528	7.377	1870.	26.	3.	768.0	27.8	1
1637	10	444	37.0668	89.3275	-870.0	QAL	8.59	0.68	1.91	0.0	0.0	4.492	1878.	47.	8.	768.0	27.7	1
1638	0	440	37.0663	89.3275	-869.0	QAL	7.18	4.95	1.46	0.689	3.402	4.934	1784.	39.	8.	768.0	27.7	1
1639	0	440	37.0657	89.3276	-867.5	QAL	6.56	4.32	1.48	0.659	2.917	4.426	1880.	42.	8.	768.5	27.6	1
1640	0	440	37.0652	89.3277	-867.5	QAL	7.22	2.14	1.34	0.297	1.598	5.387	1651.	38.	11.	768.5	27.6	1
1641	10	440	37.0646	89.3277	-865.5	QAL	5.95	-0.51	1.30	0.0	0.0	4.590	1371.	36.	17.	769.5	27.6	1
1642	10	440	37.0641	89.3277	-863.2	QAL	6.15	-0.12	1.03	0.0	0.0	5.952	1238.	39.	16.	770.5	27.5	1
1643	10	440	37.0635	89.3278	-862.7	QAL	4.90	1.19	0.93	0.0	0.0	5.269	1278.	29.	16.	770.5	27.5	1

CP9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1644	0	440	37.0630	89.3278	-862.0		QAL	5.66	1.75	1.33	0.309	1.311	4.243	1485.	47.	16.	770.5	27.5	1
1645	0	440	37.0624	89.3279	-861.0		QAL	8.11	3.11	1.38	0.384	2.263	5.892	1742.	36.	13.	770.5	27.5	1
1646	0	436	37.0619	89.3279	-860.5		QAL	7.40	2.00	1.62	0.270	1.237	4.581	1807.	53.	14.	770.5	27.4	1
1647	0	440	37.0613	89.3279	-859.2		QAL	5.37	2.84	1.45	0.528	1.952	3.699	1864.	36.	14.	770.5	27.4	1
1648	0	436	37.0607	89.3280	-859.2		QAL	6.60	2.94	1.41	0.445	2.076	4.666	1822.	41.	15.	771.6	27.4	1
1649	0	440	37.0602	89.3280	-858.2		QAL	5.74	3.20	1.21	0.557	2.635	4.727	1869.	29.	14.	771.6	27.4	1
1650	0	436	37.0596	89.3281	-857.2		QAL	9.54	2.05	1.34	0.215	1.528	7.109	1769.	34.	11.	771.6	27.4	1
1651	0	436	37.0591	89.3281	-856.0		QAL	8.33	2.20	1.30	0.264	1.684	6.333	1781.	35.	10.	771.1	27.4	1
1652	10	432	37.0585	89.3281	-854.5		QAL	8.95	1.28	1.40	0.0	0.0	6.395	1739.	41.	11.	771.1	27.4	1
1653	10	432	37.0580	89.3282	-853.7		QAL	10.27	1.38	1.65	0.0	0.0	6.223	1757.	40.	9.	771.1	27.5	1
1654	0	436	37.0574	89.3282	-852.5		QAL	7.98	2.20	1.59	0.276	1.381	5.014	1730.	41.	10.	770.5	27.5	1
1655	10	440	37.0569	89.3282	-853.0		QAL	8.32	1.55	1.47	0.0	0.0	5.665	1628.	49.	8.	770.5	27.5	1
1656	0	440	37.0563	89.3284	-851.5		QAL	7.15	3.76	1.01	0.526	3.714	7.066	1615.	33.	13.	771.6	27.5	1
1657	10	444	37.0557	89.3284	-851.0		QAL	7.29	0.35	1.23	0.0	0.0	5.913	1581.	35.	14.	770.5	27.5	1
1658	10	440	37.0552	89.3284	-850.2		QAL	6.20	1.48	1.15	0.0	0.0	5.370	1601.	35.	14.	770.5	27.4	1
1659	0	440	37.0547	89.3285	-849.5		QAL	5.28	2.85	0.97	0.540	2.953	5.470	1564.	39.	13.	770.5	27.4	1
1660	10	436	37.0541	89.3285	-849.7		QAL	7.78	1.00	1.06	0.0	0.0	7.311	1536.	42.	14.	770.5	27.4	1
1661	0	436	37.0536	89.3285	-848.0		QAL	6.88	2.31	1.31	0.336	1.761	5.246	1614.	40.	11.	770.5	27.4	1
1662	0	440	37.0530	89.3286	-845.7		QAL	5.27	3.80	1.49	0.721	2.551	3.536	1684.	65.	10.	770.5	27.5	1
1663	10	440	37.0524	89.3286	-848.0		QAL	7.95	1.64	1.59	0.0	0.0	5.003	1760.	43.	11.	769.5	27.5	1
1664	0	440	37.0519	89.3287	-847.5		QAL	8.79	1.69	1.25	0.192	1.350	7.034	1779.	37.	8.	769.5	27.5	1
1665	10	440	37.0513	89.3287	-846.0		QAL	8.32	1.30	1.54	0.0	0.0	5.408	1645.	35.	10.	769.5	27.5	1
1666	0	440	37.0507	89.3287	-846.0		QAL	9.86	1.75	1.38	0.178	1.274	7.164	1731.	42.	8.	770.0	27.5	1
1667	0	440	37.0502	89.3288	-847.7		QAL	8.28	2.98	1.66	0.359	1.795	4.994	1759.	40.	5.	770.0	27.5	1
1668	0	440	37.0497	89.3289	-846.0		QAL	5.84	2.43	1.26	0.417	1.925	4.620	1589.	37.	10.	769.0	27.5	1
1669	0	444	37.0491	89.3289	-843.5		QAL	5.91	2.42	1.40	0.410	1.737	4.238	1629.	45.	9.	769.0	27.5	1
1670	10	444	37.0486	89.3289	-843.5		QAL	8.17	1.61	1.55	0.0	0.0	5.265	1681.	39.	9.	769.5	27.3	1
1671	0	444	37.0480	89.3290	-845.2		QAL	6.60	2.36	1.74	0.357	1.351	3.786	1710.	31.	8.	769.5	27.5	1
1672	0	444	37.0474	89.3290	-844.7		QAL	4.93	2.18	1.51	0.442	1.447	3.276	1549.	45.	11.	769.0	27.5	1
1673	0	440	37.0469	89.3291	-844.7		QAL	6.68	2.06	1.21	0.308	1.702	5.525	1582.	28.	10.	769.0	27.5	1
1674	10	440	37.0463	89.3291	-845.2		QAL	8.39	0.47	1.21	0.0	0.0	6.912	1569.	31.	9.	769.0	27.5	1
1675	0	440	37.0458	89.3292	-845.2		QAL	5.26	3.28	1.30	0.624	2.533	4.060	1578.	49.	7.	769.0	27.5	1
1676	10	440	37.0452	89.3292	-845.5		QAL	9.44	0.04	1.53	0.0	0.0	6.160	1612.	46.	5.	768.5	27.5	1
1677	10	440	37.0447	89.3292	-847.0		QAL	6.69	1.46	1.40	0.0	0.0	4.777	1547.	49.	7.	768.5	27.6	1
1678	0	448	37.0442	89.3293	-846.2		QAL	7.21	3.53	1.43	0.489	2.469	5.046	1642.	22.	0.	768.5	27.6	1
1679	0	448	37.0436	89.3293	-846.0		QAL	8.23	1.86	1.58	0.226	1.176	5.202	1745.	35.	3.	767.4	27.6	1
1680	0	444	37.0430	89.3293	-847.2		QAL	7.64	3.70	1.75	0.484	2.109	4.358	1728.	27.	0.	767.4	27.6	1
1681	0	448	37.0425	89.3294	-847.7		QAL	7.81	3.60	1.48	0.460	2.422	5.261	1693.	37.	0.	767.4	27.5	1
1682	0	448	37.0419	89.3295	-845.2		QAL	7.63	3.17	1.32	0.415	2.396	5.770	1738.	38.	5.	768.5	27.5	1
1683	0	448	37.0414	89.3295	-847.0		QAL	5.04	3.52	1.28	0.699	2.746	3.927	1661.	32.	5.	767.4	27.5	1
1684	10	444	37.0408	89.3295	-847.2		QAL	8.59	1.53	1.50	0.0	0.0	5.732	1713.	34.	6.	766.4	27.5	1
1685	10	440	37.0402	89.3296	-847.0		QAL	5.84	1.01	1.72	0.0	0.0	3.393	1675.	41.	9.	768.5	27.5	1
1686	0	436	37.0397	89.3296	-848.7		QAL	6.15	3.51	1.55	0.571	2.271	3.976	1771.	37.	9.	769.5	27.4	1
1687	0	428	37.0392	89.3297	-849.2		QAL	6.37	3.82	1.33	0.600	2.872	4.785	1697.	38.	9.	769.5	27.5	1
1688	10	428	37.0386	89.3297	-848.7		QAL	7.89	1.32	1.69	0.0	0.0	4.662	1743.	35.	10.	770.5	27.5	1
1689	0	428	37.0380	89.3298	-848.2		QAL	7.05	4.61	1.21	0.655	3.821	5.834	1787.	34.	6.	770.5	27.5	1
1690	0	432	37.0375	89.3298	-848.7		QAL	7.02	4.78	1.33	0.680	3.591	5.277	1655.	44.	4.	770.5	27.6	1
1691	0	432	37.0369	89.3298	-848.2		QAL	7.59	2.08	1.60	0.274	1.303	4.754	1699.	39.	5.	770.5	27.7	1
1692	0	440	37.0363	89.3299	-849.2		QAL	7.74	2.63	1.62	0.339	1.623	4.781	1684.	30.	4.	770.0	27.6	1
1693	0	440	37.0358	89.3300	-849.7		QAL	7.40	2.73	1.55	0.368	1.764	4.788	1674.	50.	2.	770.0	27.6	1
1694	0	444	37.0353	89.3299	-850.7		QAL	8.18	1.87	1.31	0.229	1.424	6.230	1733.	38.	4.	770.0	27.5	1
1695	0	436	37.0347	89.3300	-850.2		QAL	8.72	1.83	1.33	0.210	1.375	6.550	1632.	39.	6.	769.5	27.5	1
1696	0	436	37.0342	89.3301	-852.0		QAL	4.83	5.38	1.39	1.115	3.875	3.476	1665.	44.	0.	769.5	27.5	1

FLIGHT LINE 103 DAY 178 REDUCED DATA TEX-KENT 1979 PADUCAH

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1697	0	432	37.0336	89.3301	-852.0		QAL	7.90	1.94	1.55	0.246	1.257	5.114	1755.	38.	3.	768.5	27.5	1
1698	0	432	37.0330	89.3302	-852.0		QAL	6.46	4.27	1.56	0.660	2.729	4.132	1812.	55.	5.	768.5	27.4	1
1699	0	428	37.0325	89.3302	-853.7		QAL	8.58	1.87	1.72	0.218	1.091	4.996	1792.	30.	6.	769.0	27.5	1
1700	0	428	37.0319	89.3302	-854.2		QAL	7.51	3.08	1.22	0.411	2.526	6.149	1807.	45.	6.	768.0	27.4	1
1701	0	428	37.0314	89.3303	-854.2		QAL	6.39	3.42	1.45	0.535	2.355	4.405	1809.	39.	7.	768.0	27.4	1
1702	0	428	37.0309	89.3303	-856.0		QAL	7.53	1.77	1.51	0.235	1.173	4.991	1696.	38.	10.	770.0	27.6	1
1703	0	424	37.0303	89.3304	-857.0		QAL	5.54	3.57	1.28	0.645	2.799	4.343	1618.	35.	5.	770.0	27.5	1
1704	0	424	37.0297	89.3304	-856.2		QAL	5.40	2.55	1.58	0.472	1.620	3.430	1658.	39.	8.	770.0	27.4	1
1705	0	424	37.0292	89.3304	-857.5		QAL	6.78	2.01	1.57	0.297	1.285	4.325	1658.	38.	7.	770.5	27.4	1
1706	0	424	37.0286	89.3305	-860.2		QAL	6.57	2.58	1.46	0.393	1.769	4.500	1693.	36.	8.	769.5	27.5	1
1707	0	424	37.0281	89.3306	-861.5		QAL	6.23	1.67	1.61	0.269	1.037	3.863	1680.	34.	7.	768.5	27.5	1
1708	0	428	37.0275	89.3306	-860.5		QAL	5.78	1.86	1.59	0.322	1.168	3.632	1640.	39.	6.	768.5	27.5	1
1709	0	432	37.0269	89.3306	-861.2		QAL	7.45	2.52	1.23	0.338	2.050	6.066	1629.	45.	5.	768.0	27.5	1
1710	0	436	37.0264	89.3307	-861.7		QAL	7.24	2.24	1.53	0.309	1.459	4.723	1575.	44.	5.	768.0	27.5	1
1711	0	436	37.0258	89.3307	-861.7		QAL	7.28	3.19	1.40	0.438	2.280	5.207	1663.	42.	4.	769.5	27.5	1
1712	0	440	37.0253	89.3308	-860.7		QAL	7.76	2.16	1.48	0.278	1.462	5.256	1655.	36.	0.	770.5	27.5	1
1713	0	440	37.0248	89.3309	-862.7		QAL	7.93	3.81	1.33	0.481	2.876	5.982	1666.	40.	1.	769.5	27.5	1
1714	0	440	37.0242	89.3309	-864.5		QAL	6.73	3.24	1.20	0.482	2.692	5.590	1584.	40.	1.	768.5	27.5	1
1715	0	440	37.0236	89.3309	-864.0		QAL	6.01	3.95	1.20	0.657	3.303	5.026	1547.	45.	0.	768.5	27.5	1
1716	0	440	37.0231	89.3309	-864.5		QAL	5.11	4.08	1.31	0.800	3.113	3.893	1414.	47.	0.	767.4	27.5	1
1717	0	432	37.0225	89.3310	-868.2		QAL	6.14	2.26	0.91	0.369	2.476	6.711	1173.	32.	0.	767.4	27.5	1
1718	10	436	37.0220	89.3310	-868.2		(WATER)	3.82	0.87	0.77	0.0	0.0	4.987	821.	28.	2.	769.0	27.6	1
1719	10	444	37.0214	89.3310	-867.7		(WATER)	1.72	1.00	0.50	0.0	0.0	3.446	510.	43.	4.	770.0	27.5	1
1720	100	448	37.0209	89.3311	-869.0		(WATER)	0.99	1.06	0.26	0.0	4.056	0.0	344.	31.	2.	770.5	27.5	1
1721	110	448	37.0203	89.3312	-869.7		(WATER)	0.15	0.38	0.22	0.0	0.0	0.0	172.	49.	5.	769.5	27.6	1
1722	111	452	37.0198	89.3312	-870.5		(WATER)	-0.02	0.08	0.06	0.0	0.0	0.0	124.	39.	1.	767.4	27.5	1
1723	111	452	37.0192	89.3312	-871.5		(WATER)	-0.08	0.42	0.02	0.0	0.0	0.0	138.	38.	5.	767.4	27.5	1
1724	111	452	37.0186	89.3313	-873.5		(WATER)	-0.07	0.00	0.11	0.0	0.0	0.0	139.	39.	8.	768.5	27.5	1
1725	111	448	37.0181	89.3313	-873.2		(WATER)	0.11	-0.53	-0.05	0.0	0.0	0.0	103.	44.	10.	769.5	27.5	1
1726	111	448	37.0175	89.3314	-873.5		(WATER)	0.42	-0.98	-0.01	0.0	0.0	0.0	126.	39.	10.	769.5	27.5	1
1727	111	444	37.0170	89.3315	-874.2		(WATER)	0.87	-0.12	0.00	0.0	0.0	0.0	201.	36.	11.	768.5	27.5	1
1728	110	444	37.0164	89.3315	-874.0		QAL	0.75	-1.33	0.22	0.0	0.0	0.0	215.	41.	14.	767.4	27.5	1
1729	10	440	37.0159	89.3315	-875.0		QAL	1.37	-0.79	0.42	0.0	0.0	3.275	418.	44.	11.	767.4	27.6	1
1730	0	440	37.0154	89.3315	-876.0		QAL	1.70	1.58	0.52	0.927	3.033	3.274	700.	29.	10.	768.5	27.6	1
1731	10	436	37.0148	89.3315	-876.0		QAL	3.23	0.00	0.72	0.0	0.0	4.493	918.	34.	11.	770.5	27.6	1
1732	10	440	37.0144	89.3313	-876.0		QAL	4.15	0.41	0.97	0.0	0.0	4.264	1105.	35.	8.	769.5	27.6	1
1733	10	440	37.0139	89.3311	-877.7		QAL	6.28	1.01	0.86	0.0	0.0	7.320	1198.	40.	11.	767.4	27.6	1
1734	0	440	37.0134	89.3311	-879.5		QAL	2.88	2.78	0.59	0.965	4.695	4.865	1014.	53.	8.	768.0	27.6	1
1735	10	444	37.0129	89.3309	-880.0		QAL	4.62	1.24	1.02	0.0	0.0	4.543	1153.	34.	8.	770.0	27.6	1
1736	10	440	37.0125	89.3308	-880.0		QAL	4.73	1.16	0.98	0.0	0.0	4.820	1088.	41.	9.	770.0	27.5	1
1737	10	408	37.0120	89.3307	-880.2		QAL	6.82	0.49	0.95	0.0	0.0	7.187	1188.	44.	8.	769.0	27.5	1
1738	0	432	37.0115	89.3306	-880.5		QAL	6.97	2.58	1.30	0.371	1.986	5.358	1550.	34.	7.	769.0	27.5	1
1739	0	436	37.0110	89.3304	-880.5		QAL	5.61	1.96	1.27	0.349	1.545	4.426	1599.	55.	8.	770.5	27.5	1
1740	0	436	37.0106	89.3304	-882.7		QAL	7.18	2.02	1.46	0.281	1.381	4.913	1675.	41.	8.	770.5	27.5	1
1741	0	436	37.0101	89.3302	-883.0		QAL	7.45	3.66	1.55	0.491	2.364	4.817	1784.	34.	7.	768.5	27.5	1
1742	10	440	37.0096	89.3300	-883.0		QAL	8.81	1.49	1.51	0.0	0.0	5.818	1810.	39.	6.	768.5	27.5	1
1743	0	44	37.0092	89.3300	-883.7		QAL	8.38	1.82	1.35	0.217	1.352	6.222	1827.	39.	8.	770.5	27.5	1
1744	0	[illegible]	37.0087	89.3298	-884.2		QAL	8.91	2.63	1.59	0.295	1.656	5.618	1806.	43.	4.	770.5	27.5	1
1745	0	436	37.0082	89.3297	-885.5		QAL	7.82	2.70	1.67	0.346	1.618	4.681	1850.	39.	5.	768.5	27.5	1
1746	0	432	37.0077	89.3296	-886.7		QAL	7.42	4.97	1.32	0.670	3.771	5.625	1819.	53.	0.	769.5	27.5	1
1747	0	428	37.0073	89.3295	-885.7		QAL	9.30	1.81	1.44	0.195	1.262	6.472	1797.	52.	3.	771.6	27.5	1
1748	0	424	37.0067	89.3293	-886.0		QAL	9.36	3.69	1.26	0.394	2.940	7.462	1911.	29.	0.	769.5	27.4	1
1749	0	420	37.0063	89.3293	-888.0		QAL	10.04	1.83	1.44	0.182	1.266	6.950	1803.	38.	0.	768.5	27.4	1

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TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1750	0	420	37.0058	89.3291	-887.7	QAL	6.52	3.11	1.75	0.478	1.782	3.732	1813.	40.	1.	769.5	27.4	1
1751	0	424	37.0054	89.3289	-887.2	QAL	8.89	3.29	1.67	0.370	1.968	5.312	1973.	39.	2.	770.5	27.4	1
1752	0	424	37.0049	89.3289	-888.7	QAL	8.09	3.33	1.85	0.411	1.795	4.367	1877.	39.	2.	769.5	27.4	1
1753	10	428	37.0044	89.3288	-888.2	QAL	8.15	1.55	1.58	0.0	0.0	5.158	1873.	40.	7.	768.5	27.4	1
1754	0	428	37.0039	89.3286	-889.2	QAL	9.12	1.71	1.76	0.187	0.969	5.174	1863.	37.	9.	770.5	27.3	1
1755	0	432	37.0035	89.3286	-890.7	QAL	11.80	2.13	1.23	0.180	1.736	9.620	1900.	42.	9.	770.5	27.4	1

CP9 1P12

FLIGHT LINE 105 DAY 178 REDUCED DATA TEX-KENT 1979 PADUCAH

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1	0	444	37.0036	88.6724	-671.0	QTC-1	3.85	3.45	1.12	0.897	3.071	3.425	1456.	34.	6.	766.4	26.6	1
2	10	428	37.0042	88.6724	-670.0	QTC-1	7.00	0.94	0.95	0.0	0.0	7.395	1297.	50.	7.	765.9	26.5	1
3	0	376	37.0047	88.6724	-669.0	QTC-1	7.77	2.08	0.91	0.267	2.287	8.549	1326.	40.	4.	765.9	26.4	1
4	0	368	37.0053	88.6724	-668.5	QTC-1	6.41	2.93	1.05	0.457	2.784	6.096	1433.	39.	2.	765.9	26.5	1
5	0	404	37.0059	88.6725	-667.2	QTC-1	5.69	3.87	0.96	0.679	4.013	5.907	1560.	38.	2.	765.9	26.7	1
6	0	396	37.0065	88.6725	-667.0	QTC-1	6.91	3.85	0.83	0.557	4.657	8.362	1505.	37.	5.	765.9	26.7	1
7	0	384	37.0071	88.6725	-665.0	QTC-1	6.78	2.97	0.97	0.438	3.064	6.995	1464.	43.	3.	765.9	26.7	1
8	0	384	37.0077	88.6726	-664.7	QTC-1	6.31	2.15	0.84	0.340	2.553	7.504	1397.	37.	6.	765.9	26.7	1
9	10	388	37.0082	88.6726	-663.2	QTC-1	5.62	0.70	1.36	0.0	0.0	4.131	1349.	36.	6.	766.9	26.7	1
10	0	372	37.0089	88.6726	-661.7	QTC-1	5.76	2.38	1.12	0.413	2.131	5.153	1345.	51.	3.	766.9	26.8	1
11	0	364	37.0095	88.6726	-661.2	QTC-1	6.05	1.94	0.84	0.320	2.302	7.200	1369.	32.	6.	766.9	26.7	1
12	0	356	37.0100	88.6727	-661.7	QTC-1	5.29	1.78	0.92	0.336	1.939	5.767	1292.	40.	5.	766.9	26.8	1
13	0	388	37.0106	88.6727	-659.2	QTC-1	6.53	2.39	1.04	0.365	2.283	6.252	1434.	30.	5.	765.9	26.8	1
14	0	424	37.0112	88.6727	-658.0	QTC-1	7.08	2.83	1.00	0.399	2.826	7.075	1555.	34.	5.	765.9	26.8	1
15	0	412	37.0118	88.6727	-659.2	QTC-1	7.96	3.44	0.96	0.432	3.562	8.252	1592.	44.	2.	766.4	26.8	1
16	0	400	37.0124	88.6727	-658.7	QTC-1	5.65	5.08	1.02	0.898	4.984	5.550	1587.	40.	4.	766.9	26.8	1
17	0	404	37.0129	88.6727	-656.0	QTC-1	5.99	4.08	1.05	0.681	3.869	5.684	1615.	36.	4.	766.9	26.8	1
18	0	420	37.0135	88.6727	-654.7	QTC-1	6.83	4.23	0.82	0.620	5.163	8.328	1537.	33.	7.	765.9	26.8	1
19	0	424	37.0142	88.6727	-651.7	QTC-1	6.29	2.51	1.05	0.399	2.387	5.975	1518.	40.	7.	765.9	26.8	1
20	0	416	37.0147	88.6727	-651.5	QTC-1	5.38	5.18	0.72	0.963	7.156	7.434	1529.	38.	4.	765.9	26.8	1
21	0	420	37.0153	88.6727	-653.7	QTC-1	7.01	2.40	1.14	0.342	2.109	6.166	1495.	33.	7.	766.4	26.7	1
22	0	424	37.0159	88.6728	-651.7	QTC-1	5.39	2.57	1.04	0.477	2.469	5.173	1499.	49.	8.	766.4	26.8	1
23	10	428	37.0165	88.6728	-651.2	QTC-1	9.11	1.42	1.09	0.0	0.0	8.367	1531.	33.	10.	765.9	26.6	1
24	0	436	37.0171	88.6728	-652.7	QTC-1	5.46	3.45	1.27	0.631	2.704	4.283	1608.	38.	10.	765.9	26.6	1
25	0	456	37.0177	88.6729	-648.5	QTC-1	8.40	1.79	1.07	0.213	1.674	7.852	1579.	44.	6.	766.4	26.6	1
26	10	464	37.0182	88.6729	-647.0	QTC-1	5.37	1.01	1.09	0.0	0.0	4.930	1482.	23.	12.	765.9	26.6	1
27	10	452	37.0188	88.6729	-648.2	QTC-1	6.29	0.74	1.12	0.0	0.0	5.620	1411.	32.	14.	765.4	26.5	1
28	0	444	37.0194	88.6729	-646.7	QTC-1	5.55	1.65	0.76	0.296	2.164	7.299	1404.	34.	13.	765.4	26.6	1
29	10	448	37.0200	88.6729	-646.0	QTC-1	6.71	0.44	0.91	0.0	0.0	7.345	1376.	47.	16.	765.9	26.6	1
30	10	464	37.0206	88.6729	-647.5	QTC-1	7.45	1.18	0.99	0.0	0.0	7.557	1390.	39.	15.	765.9	26.6	1
31	10	456	37.0212	88.6729	-645.7	QTC-1	7.11	1.17	0.98	0.0	0.0	7.250	1465.	53.	14.	765.9	26.6	1
32	0	412	37.0218	88.6730	-642.9	QTC-1	4.76	2.22	0.81	0.466	2.724	5.843	1399.	28.	19.	765.9	26.6	1
33	10	388	37.0224	88.6730	-643.5	QTC-1	4.97	0.82	0.88	0.0	0.0	5.673	1367.	32.	17.	766.4	26.6	1
34	0	372	37.0229	88.6730	-641.5	QTC-1	5.09	1.78	0.80	0.350	2.215	6.329	1397.	40.	18.	765.9	26.6	1
35	0	392	37.0235	88.6731	-638.7	QTC-1	5.54	2.66	0.84	0.480	3.180	6.624	1476.	35.	12.	765.4	26.6	1
36	0	396	37.0241	88.6731	-638.7	QTC-1	5.16	3.71	0.82	0.719	4.520	6.285	1536.	36.	12.	765.9	26.8	1
37	0	396	37.0247	88.6731	-637.7	QTC-1	6.18	1.62	1.13	0.263	1.433	5.457	1503.	31.	12.	766.9	26.8	1
38	0	396	37.0253	88.6731	-636.5	QTC-1	4.81	3.42	0.92	0.712	3.738	5.249	1462.	37.	9.	766.4	26.8	1
39	0	404	37.0258	88.6731	-636.7	QTC-1	4.10	2.76	0.77	0.672	3.600	5.357	1412.	43.	6.	766.4	26.8	1
40	0	424	37.0264	88.6731	-637.7	QL	5.33	4.35	1.16	0.815	3.757	4.607	1475.	41.	4.	766.4	26.9	1
41	0	416	37.0271	88.6731	-631.5	QL	6.35	3.01	0.92	0.474	3.259	6.878	1394.	33.	7.	766.4	26.9	1
42	0	396	37.0276	88.6732	-621.0	QL	6.49	2.74	1.00	0.422	2.733	6.481	1310.	56.	5.	766.9	26.8	1
43	0	368	37.0282	88.6732	-622.5	QTC-1	6.27	1.38	1.10	0.220	1.256	5.700	1323.	33.	5.	767.4	26.8	1
44	0	380	37.0288	88.6732	-634.5	QTC-1	4.77	2.31	0.94	0.485	2.460	5.076	1187.	44.	4.	766.4	26.8	1
45	0	384	37.0294	88.6732	-636.5	QL	6.41	1.45	0.83	0.227	1.745	7.694	1210.	41.	6.	766.4	26.8	1
46	10	392	37.0300	88.6733	-633.5	QL	5.27	1.01	0.97	0.0	0.0	5.409	1317.	42.	10.	766.9	26.8	1
47	0	400	37.0306	88.6733	-631.5	QL	5.41	1.87	0.76	0.346	2.445	7.075	1249.	43.	8.	766.4	26.8	1
48	0	408	37.0312	88.6733	-629.5	QL	6.10	2.56	1.04	0.419	2.451	5.850	1368.	26.	9.	765.9	26.8	1
49	0	412	37.0318	88.6733	-630.0	QL	6.70	3.11	0.57	0.465	5.483	11.793	1373.	49.	10.	766.4	26.7	1
50	0	420	37.0324	88.6733	-630.5	QL	6.32	2.41	0.89	0.381	2.698	7.085	1386.	33.	7.	765.9	26.7	1
51	0	420	37.0330	88.6733	-631.5	QL	6.22	1.80	0.77	0.289	2.339	8.100	1241.	38.	9.	765.9	26.6	1
52	0	420	37.0336	88.6734	-633.0	QTC-1	7.16	2.33	0.80	0.325	2.893	8.900	1292.	37.	6.	765.9	26.6	1
53	0	432	37.0342	88.6734	-632.7	QTC-1	5.57	2.59	0.61	0.466	4.242	9.104	1285.	38.	4.	765.4	26.6	1

FLIGHT LINE 105 DAY 178 REDUCED DATA TEX-KENT 1979 PADUCAH

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
54	0	440	37.0347	88.6734	-632.7	QTC-1	7.87	2.42	0.88	0.307	2.757	8.984	1368.	33.	4.	765.9	26.6	1
55	0	424	37.0354	88.6735	-631.2	QTC-1	4.95	2.88	0.55	0.582	5.199	8.931	1239.	54.	5.	765.4	26.6	1
56	0	404	37.0360	88.6734	-628.5	QTC-1	6.50	2.19	0.88	0.337	2.481	7.370	1216.	52.	2.	764.9	26.5	1
57	0	444	37.0366	88.6734	-627.2	QTC-1	6.54	2.31	1.01	0.353	2.274	6.447	1381.	39.	6.	765.4	26.5	1
58	10	472	37.0372	88.6734	-627.2	QTC-1	6.37	1.54	1.12	0.0	0.0	5.705	1365.	41.	8.	765.9	26.5	1
59	0	480	37.0378	88.6735	-626.2	QTC-1	6.20	2.35	0.83	0.380	2.842	7.484	1339.	36.	6.	765.4	26.5	1
60	0	480	37.0384	88.6735	-624.7	QTC-1	7.93	3.13	0.92	0.395	3.401	8.604	1348.	51.	9.	765.4	26.5	1
61	10	476	37.0389	88.6735	-622.0	QTC-1	7.75	1.35	0.83	0.0	0.0	9.289	1292.	34.	8.	765.9	26.6	1
62	10	484	37.0396	88.6736	-621.7	QTC-1	3.98	1.46	0.75	0.0	0.0	5.288	1311.	51.	12.	765.9	26.5	1
63	0	472	37.0402	88.6736	-621.5	QTC-1	4.19	4.52	0.75	1.078	6.039	5.603	1344.	39.	11.	765.4	26.6	1
64	0	472	37.0408	88.6736	-621.2	QL	6.39	2.65	0.65	0.415	4.063	9.786	1344.	33.	10.	765.4	26.6	1
65	0	464	37.0414	88.6736	-621.2	QL	3.80	3.05	0.83	0.803	3.678	4.580	1309.	45.	11.	765.4	26.6	1
66	0	456	37.0420	88.6736	-619.7	QL	5.39	1.93	0.82	0.358	2.369	6.614	1364.	33.	11.	765.4	26.6	1
67	0	464	37.0426	88.6736	-619.2	QL	5.09	3.44	0.81	0.677	4.267	6.306	1335.	48.	10.	764.9	26.6	1
68	0	448	37.0431	88.6737	-621.7	QL	5.79	2.37	0.92	0.409	2.570	6.279	1300.	46.	7.	764.9	26.6	1
69	0	456	37.0438	88.6737	-621.7	QTC-1	6.03	2.37	1.01	0.393	2.339	5.951	1413.	35.	9.	765.4	26.6	1
70	0	468	37.0443	88.6737	-621.2	QTC-1	6.18	2.87	0.84	0.465	3.430	7.383	1522.	36.	8.	764.9	26.8	1
71	0	472	37.0450	88.6737	-621.2	QTC-1	6.56	3.13	1.07	0.477	2.935	6.149	1641.	35.	8.	764.3	26.8	1
72	0	480	37.0455	88.6737	-619.7	QTC-1	5.86	3,75	0.91	0.640	4.130	6.454	1467.	36.	6.	764.9	26.8	1
73	0	484	37.0462	88.6737	-618.0	QTC-1	7.21	3.27	0.95	0.454	3.459	7.624	1527.	36.	5.	765.4	26.8	1
74	0	492	37.0467	88.6737	-616.2	QTC-1	8.20	2.74	0.80	0.334	3.423	10.255	1408.	35.	5.	765.4	26.8	1
75	0	508	37.0473	88.6738	-615.7	QTC-1	5.28	3.48	0.98	0.660	3.568	5.407	1445.	49.	4.	765.4	26.7	1
76	0	504	37.0480	88.6738	-615.7	QTC-1	7.57	4.74	0.95	0.627	4.981	7.944	1534.	39.	2.	764.9	26.8	1
77	0	496	37.0485	88.6738	-615.2	QTC-1	4.96	2.63	1.25	0.529	2.108	3.981	1643.	50.	4.	764.9	26.8	1
78	0	492	37.0492	88.6739	-614.0	QTC-1	6.48	3.25	1.00	0.502	3.266	6.507	1621.	42.	5.	765.4	26.8	1
79	0	484	37.0497	88.6739	-612.0	QTC-1	6.93	2.59	1.21	0.374	2.146	5.744	1593.	47.	5.	764.9	26.7	1
80	0	472	37.0504	88.6739	-612.5	QTC-1	7.46	2.58	1.19	0.346	2.167	6.259	1561.	41.	2.	765.4	26.8	1
81	0	468	37.0509	88.6739	-611.7	QTC-1	7.67	4.21	0.99	0.549	4.245	7.729	1573.	37.	1.	765.4	26.8	1
82	0	476	37.0515	88.6740	-610.0	QTC-1	5.11	5.35	1.15	1.047	4.637	4.427	1571.	41.	6.	764.9	26.8	1
83	0	496	37.0522	88.6739	-609.5	QTC-1	8.20	2.06	1.16	0.251	1.778	7.092	1519.	31.	7.	764.9	26.8	1
84	10	496	37.0527	88.6739	-607.2	QTC-1	7.14	1.20	0.87	0.0	0.0	8.184	1377.	61.	7.	764.9	26.8	1
85	0	500	37.0534	88.6740	-606.0	QTC-1	8.86	3.06	0.95	0.345	3.207	9.288	1336.	43.	5.	764.3	26.8	1
86	0	516	37.0539	88.6740	-603.0	QTC-1	5.71	3.63	1.03	0.636	3.525	5.542	1352.	40.	5.	764.9	26.8	1
87	0	524	37.0546	88.6740	-598.5	QTC-1	3.84	3.08	0.74	0.801	4.185	5.225	1267.	41.	4.	764.3	26.7	1
88	0	528	37.0551	88.6741	-597.2	QTC-1	4.48	2.28	0.84	0.509	2.702	5.304	1237.	38.	4.	763.8	26.7	1
89	0	520	37.0557	88.6741	-603.5	QTC-1	4.86	2.93	0.90	0.603	3.263	5.410	1274.	33.	3.	764.3	26.6	1
90	0	528	37.0563	88.6741	-608.7	QTC-1	8.50	4.14	0.84	0.487	4.909	10.083	1346.	38.	4.	764.9	26.6	1
91	0	528	37.0569	88.6741	-609.5	QTC-1	6.20	3.84	0.76	0.619	5.055	8.173	1342.	49.	7.	764.3	26.6	1
92	0	532	37.0575	88.6741	-608.5	QTC-1	4.66	4.49	0.63	0.964	7.112	7.379	1443.	41.	2.	764.3	26.6	1
93	0	524	37.0581	88.6741	-606.0	QTC-1	7.02	3.66	0.79	0.521	4.652	8.928	1473.	52.	5.	764.9	26.6	1
94	0	512	37.0587	88.6741	-604.7	QTC-1	5.46	2.25	1.02	0.412	2.209	5.362	1575.	35.	8.	764.9	26.6	1
95	0	516	37.0593	88.6742	-605.0	QTC-1	4.52	2.01	1.42	0.445	1.419	3.186	1456.	36.	11.	764.3	26.6	1
96	0	528	37.0599	88.6742	-604.2	QTC-1	6.40	1.90	1.09	0.296	1.742	5.878	1514.	40.	9.	764.3	26.6	1
97	10	540	37.0605	88.6742	-602.2	QTC-1	5.59	0.47	0.84	0.0	0.0	6.639	1390.	43.	13.	764.3	26.6	1
98	10	548	37.0611	88.6742	-600.2	QTC-1	6.27	1.26	1.06	0.0	0.0	5.917	1417.	39.	15.	764.3	26.7	1
99	10	536	37.0617	88.6742	-601.0	QTC-1	7.17	0.35	1.10	0.0	0.0	6.510	1376.	33.	15.	764.9	26.7	1
100	0	532	37.0623	88.6742	-600.0	QTC-1	6.91	3.22	0.79	0.466	4.062	8.711	1425.	36.	12.	764.9	26.7	1
101	0	528	37.0629	88.6743	-598.2	QAL	5.82	3.31	0.73	0.569	4.550	8.004	1406.	34.	16.	764.9	26.6	1
102	10	528	37.0635	88.6743	-597.5	QAL	3.26	1.50	1.23	0.0	0.0	2.646	1355.	40.	19.	765.4	26.6	1
103	10	520	37.0641	88.6743	-595.2	QAL	3.98	1.45	0.84	0.0	0.0	4.712	1176.	48.	13.	765.4	26.6	1
104	10	512	37.0647	88.6743	-595.7	QAL	5.04	1.01	0.91	0.0	0.0	5.527	1163.	46.	12.	765.4	26.6	1
105	0	508	37.0653	88.6743	-596.5	QAL	3.69	1.94	0.91	0.526	2.128	4.044	1325.	40.	13.	765.4	26.6	1
106	10	496	37.0659	88.6743	-596.0	TM	6.42	1.52	0.91	0.0	0.0	7.025	1308.	33.	10.	765.4	26.6	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
107	0	492	37.0665	88.6743	-595.5	TM	4.96	2.25	0.83	0.454	2.714	5.980	1342.	37.	10.	766.4	26.7	1
108	0	480	37.0671	88.6744	-594.2	TM	5.22	3.73	0.70	0.714	5.330	7.467	1311.	39.	5.	767.4	26.8	1
109	0	468	37.0677	88.6744	-593.5	TM	7.93	1.95	1.10	0.246	1.774	7.210	1384.	32.	8.	767.4	26.8	1
110	0	460	37.0683	88.6744	-593.7	TM	4.37	1.65	1.00	0.379	1.656	4.373	1365.	44.	7.	768.0	26.8	1
111	0	452	37.0689	88.6745	-593.7	TM	5.75	3.09	0.81	0.536	3.799	7.081	1354.	35.	5.	767.4	26.9	1
112	0	444	37.0695	88.6745	-592.5	TM	6.44	2.55	1.16	0.397	2.206	5.563	1447.	39.	8.	766.9	27.0	1
113	0	440	37.0701	88.6745	-592.7	QTC-1	6.13	2.85	0.88	0.464	3.241	6.977	1406.	44.	7.	766.9	27.0	1
114	0	412	37.0707	88.6746	-592.7	QTC-1	5.08	2.20	0.83	0.433	2.663	6.144	1384.	41.	11.	766.4	27.0	1
115	0	372	37.0713	88.6746	-591.7	QTC-1	4.71	2.81	0.82	0.597	3.448	5.771	1285.	36.	9.	766.4	27.0	1
116	10	360	37.0719	88.6746	-588.7	QTC-1	5.03	0.67	0.80	0.0	0.0	6.254	1288.	29.	13.	767.4	27.0	1
117	0	352	37.0725	88.6746	-588.7	TM	7.03	1.47	0.74	0.209	1.979	9.479	1182.	38.	13.	766.9	27.0	1
118	0	404	37.0731	88.6746	-589.5	TM	3.53	2.69	0.90	0.762	2.989	3.921	1196.	44.	10.	766.9	27.1	1
119	10	440	37.0737	88.6746	-587.5	TM	5.20	1.23	0.96	0.0	0.0	5.397	1279.	43.	12.	767.4	26.9	1
120	0	424	37.0743	88.6746	-588.0	TM	4.86	2.00	0.85	0.410	2.356	5.741	1292.	43.	11.	767.4	27.0	1
121	0	400	37.0749	88.6747	-588.0	TM	5.57	2.42	0.85	0.435	2.862	6.584	1370.	40.	10.	766.9	27.1	1
122	0	396	37.0755	88.6747	-586.5	TM	6.08	1.81	1.08	0.297	1.664	5.601	1392.	33.	9.	766.9	27.1	1
123	0	424	37.0761	88.6747	-586.2	TM	6.43	2.11	0.92	0.329	2.310	7.027	1546.	26.	10.	766.4	27.1	1
124	0	428	37.0767	88.6747	-586.7	TM	6.61	2.04	0.86	0.308	2.362	7.669	1359.	37.	10.	766.4	27.1	1
125	0	448	37.0773	88.6747	-585.7	TM	7.67	1.66	0.92	0.217	1.815	8.367	1429.	34.	10.	766.4	27.1	1
126	10	468	37.0779	88.6747	-587.0	TM	7.25	1.68	1.40	0.0	0.0	5.180	1514.	40.	10.	766.4	27.1	1
127	0	440	37.0785	88.6747	-587.5	TM	6.48	1.85	0.97	0.285	1.916	6.711	1423.	35.	14.	766.4	27.1	1
128	10	452	37.0791	88.6748	-586.5	TM	4.78	1.67	1.04	0.0	0.0	4.577	1410.	43.	16.	766.4	27.2	1
129	0	484	37.0797	88.6748	-586.7	TM	5.26	2.16	0.89	0.410	2.427	5.924	1436.	44.	16.	766.4	27.1	1
130	10	492	37.0803	88.6748	-585.2	TM	8.16	-0.79	1.07	0.0	0.0	7.622	1440.	50.	19.	765.9	27.1	1
131	0	496	37.0808	88.6749	-584.5	TM	5.09	3.24	0.50	0.636	6.511	10.238	1316.	37.	15.	764.9	27.1	1
132	10	524	37.0815	88.6749	-585.5	TM	5.36	0.48	0.99	0.0	0.0	5.427	1232.	52.	18.	765.4	27.1	1
133	10	540	37.0820	88.6749	-587.7	QAL	6.68	-0.16	0.81	0.0	0.0	8.293	1242.	48.	15.	765.9	27.0	1
134	0	552	37.0827	88.6750	-588.7	QAL	7.33	2.85	0.70	0.389	4.087	10.517	1263.	34.	14.	764.9	27.1	1
135	10	560	37.0833	88.6750	-589.5	QAL	7.48	0.71	0.87	0.0	0.0	8.600	1292.	42.	14.	764.9	27.1	1
136	0	560	37.0839	88.6750	-589.0	QAL	2.38	4.47	0.68	1.877	6.564	3.497	1279.	40.	9.	764.9	27.1	1
137	10	564	37.0845	88.6750	-589.0	QAL	4.52	1.21	1.01	0.0	0.0	4.486	1288.	55.	10.	764.3	27.1	1
138	0	568	37.0850	88.6750	-588.2	QAL	6.45	2.25	0.51	0.349	4.404	12.626	1363.	32.	8.	764.9	27.1	1
139	10	568	37.0857	88.6750	-588.0	QAL	6.75	1.89	0.61	0.0	0.0	11.103	1266.	44.	7.	764.3	27.0	1
140	0	524	37.0862	88.6750	-586.2	QAL	4.02	2.49	0.56	0.619	4.422	7.148	1200.	38.	9.	764.9	27.0	1
141	10	516	37.0869	88.6750	-586.7	QAL	5.52	1.30	0.98	0.0	0.0	5.607	1273.	31.	5.	765.9	26.9	1
142	0	528	37.0874	88.6750	-588.0	QL	6.05	3.10	0.78	0.512	3.964	7.746	1341.	19.	8.	765.4	26.9	1
143	0	508	37.0881	88.6750	-588.0	QL	5.06	2.06	0.66	0.407	3.107	7.631	1343.	42.	8.	764.3	26.9	1
144	0	540	37.0887	88.6751	-587.5	QL	5.60	3.65	0.82	0.652	4.425	6.788	1440.	34.	3.	765.4	26.9	1
145	10	536	37.0892	88.6751	-587.2	QL	5.97	1.73	0.81	0.0	0.0	7.398	1419.	38.	9.	765.9	26.8	1
146	10	532	37.0899	88.6751	-586.7	QL	7.23	1.64	1.01	0.0	0.0	7.131	1444.	38.	8.	766.4	26.9	1
147	10	528	37.0904	88.6752	-585.7	QL	7.32	0.93	1.14	0.0	0.0	6.418	1356.	37.	5.	766.4	26.9	1
148	10	532	37.0910	88.6752	-584.0	QL	5.28	1.44	0.80	0.0	0.0	6.613	1258.	48.	7.	765.4	27.0	1
149	0	528	37.0916	88.6752	-582.2	QL	5.03	2.20	0.88	0.438	2.493	5.695	1233.	44.	5.	764.9	27.0	1
150	0	528	37.0923	88.6752	-586.0	QL	7.17	3.63	0.62	0.507	5.837	11.509	1290.	34.	5.	765.4	27.0	1
151	0	536	37.0928	88.6752	-591.5	QL	6.40	2.90	0.89	0.453	3.250	7.179	1237.	44.	2.	765.4	27.1	1
152	0	536	37.0934	88.6752	-593.2	QL	5.00	4.01	0.52	0.801	7.699	9.614	1431.	41.	7.	765.4	27.1	1
153	0	540	37.0940	88.6752	-593.2	QL	5.09	2.66	1.02	0.523	2.602	4.980	1398.	41.	5.	765.4	27.1	1
154	10	544	37.0946	88.6753	-594.2	QL	4.42	1.18	1.02	0.0	0.0	4.347	1436.	39.	10.	764.9	27.1	1
155	0	544	37.0952	88.6753	-595.7	QL	7.88	3.09	0.81	0.392	3.790	9.672	1410.	39.	6.	765.4	27.1	1
156	0	548	37.0958	88.6753	-594.5	QL	4.41	5.01	0.52	1.135	9.602	8.462	1520.	45.	9.	764.9	27.0	1
157	0	548	37.0965	88.6754	-594.0	QL	5.81	2.41	1.01	0.414	2.390	5.773	1445.	48.	11.	764.9	26.9	1
158	10	548	37.0970	88.6753	-593.7	QL	8.29	0.92	1.07	0.0	0.0	7.783	1498.	34.	13.	765.4	26.9	1
159	10	552	37.0976	88.6753	-592.2	QL	7.23	2.03	0.93	0.0	0.0	7.765	1452.	31.	15.	765.4	26.9	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
160	10	552	37.0982	88.6754	-593.0	QL	6.70	0.72	1.00	0.0	0.0	6.717	1384.	43.	15.	765.9	26.8	1
161	0	548	37.0988	88.6754	-591.5	QL	7.02	2.66	0.65	0.380	4.116	10.845	1448.	40.	19.	764.3	26.8	1
162	10	544	37.0994	88.6754	-589.7	QT-1	9.03	-0.72	0.91	0.0	0.0	9.891	1464.	31.	17.	763.3	26.9	1
163	0	548	37.1000	88.6754	-589.7	QT-1	4.22	3.03	0.60	0.717	5.046	7.035	1313.	29.	17.	764.3	26.9	1
164	10	544	37.1006	88.6755	-588.7	QT-1	4.98	1.57	0.93	0.0	0.0	5.337	1339.	36.	15.	765.4	26.9	1
165	10	560	37.1012	88.6755	-585.5	QT-1	4.09	0.07	1.08	0.0	0.0	3.782	1257.	45.	17.	765.9	26.9	1
166	0	564	37.1018	88.6755	-588.2	QT-1	3.74	2.62	0.57	0.700	4.640	6.626	1275.	55.	14.	765.9	26.8	1
167	0	572	37.1024	88.6756	-595.7	QT-1	6.14	4.05	0.36	0.660	11.376	17.226	1409.	29.	10.	764.9	26.8	1
168	0	576	37.1030	88.6756	-598.7	QT-1	5.38	2.63	0.72	0.489	3.671	7.501	1311.	40.	13.	764.9	26.9	1
169	10	576	37.1036	88.6756	-600.5	QT-1	7.16	-0.12	0.48	0.0	0.0	15.030	1317.	36.	16.	765.9	26.9	1
170	10	572	37.1042	88.6756	-601.0	QT-1	6.86	1.42	0.45	0.0	0.0	15.382	1268.	34.	14.	765.4	26.9	1
171	0	568	37.1048	88.6756	-600.5	QT-1	5.59	3.17	0.71	0.566	4.451	7.867	1411.	43.	11.	765.3	26.8	1
172	0	568	37.1054	88.6756	-599.7	QT-2	6.49	4.68	0.54	0.721	8.681	12.034	1336.	39.	11.	765.9	26.8	1
173	10	560	37.1060	88.6756	-599.0	QT-2	7.35	1.30	0.78	0.0	0.0	9.441	1407.	23.	12.	765.4	26.8	1
174	0	556	37.1066	88.6757	-599.0	QT-2	5.33	3.26	0.90	0.612	3.633	5.940	1500.	43.	10.	765.4	26.8	1
175	10	560	37.1072	88.6757	-599.7	QT-2	8.44	0.94	0.74	0.0	0.0	11.438	1475.	39.	14.	766.4	26.8	1
176	0	552	37.1077	88.6757	-601.0	QT-2	8.92	2.42	0.99	0.271	2.440	9.000	1573.	37.	6.	765.9	26.8	1
177	10	544	37.1083	88.6757	-600.2	QT-2	7.47	1.26	1.02	0.0	0.0	7.291	1580.	43.	11.	766.4	26.8	1
178	0	532	37.1089	88.6757	-600.7	QT-2	8.18	3.92	0.76	0.479	5.155	10.768	1600.	48.	12.	766.9	26.8	1
179	0	524	37.1095	88.6757	-601.0	QT-2	8.65	2.48	0.84	0.286	2.945	10.296	1714.	40.	10.	766.4	26.8	1
180	0	516	37.1100	88.6757	-600.7	QT-2	9.24	3.27	0.96	0.354	3.398	9.601	1634.	29.	10.	766.4	26.8	1
181	0	508	37.1107	88.6757	-602.0	QAL	6.36	5.46	1.00	0.858	5.472	6.378	1595.	41.	7.	766.4	26.8	1
182	0	496	37.1113	88.6757	-603.5	QAL	7.98	4.54	1.05	0.569	4.329	7.614	1697.	35.	6.	766.9	26.8	1
183	10	488	37.1118	88.6757	-603.7	QAL	6.78	1.72	0.88	0.0	0.0	7.712	1484.	45.	11.	766.9	26.8	1
184	10	484	37.1124	88.6758	-603.5	QAL	7.20	1.53	0.61	0.0	0.0	11.715	1524.	43.	12.	767.4	26.9	1
185	0	480	37.1130	88.6758	-604.2	QAL	6.62	3.11	0.97	0.470	3.194	6.802	1523.	37.	9.	768.5	26.9	1
186	10	472	37.1135	88.6758	-604.7	QAL	7.54	0.97	1.13	0.0	0.0	6.652	1484.	33.	9.	768.5	26.9	1
187	10	472	37.1141	88.6758	-604.7	QAL	7.14	1.26	0.98	0.0	0.0	7.249	1373.	39.	11.	768.0	26.9	1
188	0	468	37.1147	88.6758	-604.5	QAL	6.27	4.25	0.48	0.679	8.855	13.049	1227.	52.	9.	766.9	27.0	1
189	10	468	37.1153	88.6758	-606.7	QAL	6.50	1.49	0.91	0.0	0.0	7.102	1491.	45.	11.	767.4	27.1	1
190	0	460	37.1159	88.6758	-606.7	QAL	5.77	3.64	1.17	0.631	3.111	4.932	1586.	37.	3.	768.5	27.2	1
191	0	460	37.1165	88.6758	-606.7	QAL	7.22	3.23	1.24	0.447	2.605	5.832	1554.	33.	3.	768.0	27.3	1
192	0	460	37.1171	88.6758	-608.0	QAL	6.86	3.44	0.97	0.501	3.526	7.035	1527.	36.	2.	768.5	27.1	1
193	0	456	37.1176	88.6758	-608.5	QAL	6.96	3.96	1.10	0.569	3.594	6.314	1671.	42.	5.	768.5	26.9	1
194	0	448	37.1182	88.6759	-609.5	QAL	9.07	3.05	1.04	0.337	2.929	8.700	1735.	39.	0.	767.4	27.0	1
195	0	440	37.1188	88.6759	-610.5	QAL	7.63	5.35	1.34	0.702	3.994	5.692	1812.	34.	0.	768.5	27.2	1
196	0	436	37.1194	88.6759	-610.7	QAL	9.19	3.36	1.08	0.365	3.114	8.523	1794.	44.	3.	769.0	27.1	1
197	0	432	37.1200	88.6759	-612.2	QAL	7.00	2.33	1.06	0.332	2.200	6.617	1707.	39.	5.	769.0	27.1	1
198	0	444	37.1205	88.6759	-613.7	QAL	10.60	3.38	1.29	0.319	2.612	8.188	1835.	40.	6.	768.5	27.2	1
199	0	452	37.1211	88.6759	-614.0	QAL	8.35	2.74	1.11	0.328	2.476	7.552	1811.	41.	9.	768.5	27.1	1
200	0	448	37.1217	88.6759	-615.0	QAL	6.10	4.23	1.30	0.694	3.252	4.686	1837.	51.	10.	769.5	27.2	1
201	0	444	37.1223	88.6759	-615.0	QAL	7.99	2.32	1.05	0.290	2.206	7.608	1697.	48.	10.	769.0	27.1	1
202	10	448	37.1228	88.6759	-615.5	QAL	7.46	1.34	1.45	0.0	0.0	5.145	1641.	47.	15.	769.0	27.2	1
203	10	444	37.1234	88.6759	-616.0	QAL	5.66	0.18	1.57	0.0	0.0	3.615	1457.	35.	16.	769.5	27.2	1
204	0	400	37.1241	88.6759	-617.5	QAL	3.66	2.18	0.66	0.594	3.321	5.594	1086.	35.	15.	768.5	27.2	1
205	10	408	37.1246	88.6760	-620.5	QAL	3.77	-0.45	0.33	0.0	0.0	11.569	757.	38.	16.	769.0	27.1	1
206	10	456	37.1252	88.6760	-621.0(WATER)		1.45	0.20	0.37	0.0	0.0	3.919	475.	32.	12.	769.5	27.1	1
207	111	452	37.1258	88.6760	-621.2(WATER)		0.74	-0.33	0.04	0.0	0.0	0.0	250.	32.	12.	768.0	27.1	1
208	111	456	37.1264	88.6760	-623.0(WATER)		-0.07	0.82	0.02	0.0	0.0	0.0	201.	27.	11.	768.5	27.1	1
209	111	456	37.1269	88.6760	-623.7(WATER)		1.13	0.38	0.06	0.0	0.0	0.0	132.	32.	8.	769.0	27.1	1
210	111	456	37.1275	88.6760	-624.2(WATER)		-0.12	0.72	-0.04	0.0	0.0	0.0	134.	27.	8.	769.0	27.1	1
211	111	460	37.1281	88.6760	-625.5(WATER)		-0.08	0.27	0.01	0.0	0.0	0.0	132.	37.	6.	769.5	27.1	1
212	111	460	37.1287	88.6760	-626.7(WATER)		1.13	-0.04	-0.04	0.0	0.0	0.0	136.	35.	4.	769.0	27.1	1

CP 9 LP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
213	101	464	37.1293	88.6760	-626.2	(WATER)	-0.10	1.28	-0.09	0.0	0.0	0.0	114.	41.	0.	769.0	27.0	1
214	111	464	37.1299	88.6760	-628.5	(WATER)	0.02	-0.00	-0.02	0.0	0.0	0.0	115.	29.	3.	768.5	27.1	1
215	111	464	37.1304	88.6761	-628.7	(WATER)	-0.07	0.34	0.06	0.0	0.0	0.0	120.	36.	5.	768.5	27.1	1
216	111	464	37.1310	88.6761	-629.7	(WATER)	0.96	-0.42	0.02	0.0	0.0	0.0	124.	38.	5.	769.0	27.1	1
217	111	464	37.1316	88.6761	-631.5	(WATER)	-0.13	1.08	0.04	0.0	0.0	0.0	141.	31.	5.	769.0	27.0	1
218	111	460	37.1321	88.6761	-633.5	(WATER)	0.67	-0.12	0.06	0.0	0.0	0.0	144.	34.	7.	769.5	27.0	1
219	111	460	37.1328	88.6761	-633.2	(WATER)	0.54	-0.79	0.03	0.0	0.0	0.0	114.	35.	6.	769.5	27.0	1
220	111	456	37.1333	88.6762	-634.2	(WATER)	0.48	0.44	-0.05	0.0	0.0	0.0	159.	26.	8.	769.0	27.0	1
221	111	456	37.1339	88.6761	-636.2	(WATER)	-0.07	0.71	-0.02	0.0	0.0	0.0	125.	30.	4.	770.0	27.0	1
222	11	452	37.1345	88.6761	-636.7	(WATER)	1.43	0.08	.04	0.0	0.0	0.0	232.	30.	7.	770.0	27.0	1
223	111	452	37.1351	88.6761	-638.0	(WATER)	1.03	0.47	-0.11	0.0	0.0	0.0	244.	33.	8.	769.5	27.0	1
224	10	452	37.1356	88.6761	-639.5	QAL	1.72	1.17	0.20	0.0	0.0	8.451	380.	39.	6.	769.0	27.0	1
225	10	452	37.1362	88.6763	-639.5	QAL	3.99	0.96	0.28	0.0	0.0	14.207	666.	30.	7.	769.0	26.9	1
226	0	448	37.1368	88.6763	-640.2	QAL	4.03	3.32	0.67	0.824	4.923	5.970	1030.	30.	7.	770.5	26.9	1
227	0	432	37.1374	88.6762	-642.7	QAL	4.87	2.50	0.89	0.513	2.808	5.478	1126.	41.	10.	771.1	26.9	1
228	0	376	37.1380	88.6762	-643.0	QAL	4.48	2.33	0.86	0.521	2.704	5.186	1120.	51.	5.	770.5	26.9	1
229	10	372	37.1386	88.6762	-643.5	QAL	4.70	1.03	0.52	0.0	0.0	9.040	1095.	31.	6.	769.5	26.9	1
230	0	368	37.1391	88.6763	-645.7	QAL	4.62	2.97	0.64	0.644	4.675	7.260	1153.	47.	7.	769.5	26.9	1
231	0	368	37.1397	88.6763	-647.0	QT-1	3.23	1.56	0.92	0.483	1.700	3.518	1204.	44.	9.	771.1	26.9	1
232	0	384	37.1403	88.6763	-646.2	QT-1	4.87	2.97	0.62	0.611	4.833	7.908	1271.	42.	7.	769.5	26.9	1
233	0	408	37.1409	88.6763	-648.5	QT-1	5.90	2.20	0.97	0.373	2.266	6.072	1351.	34.	6.	769.0	26.9	1
234	0	428	37.1414	88.6763	-648.7	QT-1	4.66	2.40	0.62	0.514	3.887	7.567	1286.	37.	7.	770.5	26.9	1
235	0	380	37.1421	88.6763	-649.7	QT-1	7.45	2.11	0.83	0.283	2.559	9.028	1200.	41.	2.	769.0	26.9	1
236	0	344	37.1427	88.6764	-650.0	QT-1	4.27	2.43	0.72	0.570	3.381	5.936	1006.	29.	4.	769.5	26.9	1
237	0	348	37.1432	88.6764	-651.2	QT-1	3.54	4.15	0.46	1.173	8.992	7.663	1124.	44.	1.	770.0	26.9	1
238	0	356	37.1438	88.6764	-654.0	QT-1	5.51	2.15	0.65	0.390	3.298	8.463	1122.	27.	3.	769.0	26.8	1
239	0	356	37.1443	88.6763	-654.0	QT-1	4.96	3.02	0.63	0.608	4.806	7.905	1150.	32.	3.	770.0	26.8	1
240	0	360	37.1449	88.6763	-656.0	QT-1	4.20	2.50	0.66	0.594	3.780	6.363	1163.	37.	4.	769.5	26.8	1
241	0	360	37.1455	88.6764	-656.5	QT-1	4.10	2.17	0.54	0.530	4.057	7.650	1110.	31.	6.	768.5	26.9	1
242	0	372	37.1461	88.6764	-657.2	QT-1	5.45	1.68	0.53	0.308	3.174	10.305	1102.	38.	10.	770.5	26.9	1
243	0	364	37.1467	88.6764	-659.2	QT-1	5.33	2.33	0.48	0.437	4.908	11.226	1143.	41.	4.	769.5	26.9	1
244	10	388	37.1473	88.6764	-659.5	QT-1	9.14	1.19	0.65	0.0	0.0	14.050	1197.	32.	6.	770.0	26.9	1
245	0	408	37.1479	88.6764	-661.0	QT-1	8.47	3.25	0.46	0.384	7.064	18.416	1301.	54.	6.	771.1	26.9	1
246	0	348	37.1484	88.6765	-663.5	QT-1	5.81	2.78	0.44	0.479	6.278	13.107	1166.	32.	6.	769.0	26.9	1
247	0	340	37.1490	88.6765	-664.5	QT-1	5.18	2.21	0.41	0.427	5.387	12.602	1133.	39.	5.	770.0	26.8	1
248	0	388	37.1496	88.6765	-666.0	QT-1	5.86	2.40	0.57	0.409	4.198	10.267	1242.	51.	7.	770.5	27.0	1
249	10	404	37.1502	88.6765	-668.2	QT-1	6.30	1.41	0.71	0.0	0.0	8.917	1248.	35.	10.	769.0	27.1	1
250	0	404	37.1508	88.6765	-669.7	QT-1	4.22	2.53	0.54	0.599	4.718	7.873	1124.	37.	9.	770.0	27.1	1
251	10	408	37.1514	88.6765	-670.2	QT-1	7.52	1.52	0.61	0.0	0.0	12.424	1227.	33.	11.	769.5	27.1	1
252	10	412	37.1519	88.6765	-671.7	QT-1	4.73	1.25	0.37	0.0	0.0	12.797	1121.	41.	15.	769.0	27.2	1
253	10	412	37.1525	88.6765	-674.0	QT-1	6.32	1.17	0.78	0.0	0.0	8.084	1137.	41.	9.	770.0	27.2	1
254	0	416	37.1531	88.6765	-675.2	QT-1	4.01	1.95	0.53	0.487	3.683	7.568	1108.	40.	13.	769.0	27.2	1
255	0	416	37.1537	88.6765	-677.2	QT-1	6.30	2.26	0.38	0.359	5.958	16.572	1214.	33.	13.	769.5	27.2	1
256	0	416	37.1542	88.6766	-680.2	QT-1	5.63	1.65	0.84	0.293	1.957	6.678	1216.	41.	10.	770.5	27.2	1
257	0	416	37.1548	88.6766	-682.0	QT-1	6.64	4.36	0.48	0.657	9.179	13.974	1250.	33.	5.	770.0	27.2	1
258	0	412	37.1554	88.6766	-682.5	QT-1	6.58	1.99	0.55	0.302	3.597	11.908	1234.	30.	10.	770.0	27.2	1
259	0	412	37.1560	88.6766	-685.5	QT-1	7.42	3.43	0.30	0.462	11.437	24.736	1265.	32.	7.	769.5	27.2	1
260	10	408	37.1566	88.6766	-686.2	QT-1	6.00	1.28	0.50	0.0	0.0	12.121	1137.	48.	10.	770.0	27.2	1
261	0	400	37.1572	88.6766	-688.5	QT-1	4.70	1.46	0.73	0.312	2.003	6.425	1179.	45.	7.	770.0	27.2	1
262	0	404	37.1577	88.6766	-692.5	KU	6.76	2.14	0.57	0.317	3.788	11.954	1222.	41.	7.	769.0	27.2	1
263	0	408	37.1583	88.6766	-693.7	KU	7.22	3.75	0.65	0.520	5.749	11.066	1356.	36.	3.	770.5	27.2	1
264	0	408	37.1589	88.6766	-694.7	KU	6.15	2.04	0.92	0.332	2.213	6.657	1390.	36.	8.	769.0	27.2	1
265	10	404	37.1595	88.6766	-694.5	KU	7.07	1.39	1.01	0.0	0.0	6.997	1478.	30.	8.	768.0	27.2	1

CP9 LP12
CP9 LP12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
266	0	404	37.1601	88.6766	-689.7		KU	5.23	3.61	0.76	0.690	4.751	6.882	1358.	37.	5.	770.0	27.2	1
267	0	400	37.1607	88.6767	-691.0		KU	6.07	3.39	0.76	0.559	4.448	7.955	1300.	33.	8.	768.5	27.1	1
268	0	400	37.1612	88.6767	-702.0		KU	4.50	3.39	0.75	0.752	4.539	6.037	1303.	33.	8.	767.4	27.1	1
269	10	396	37.1618	88.6767	-707.5		KU	7.19	0.52	0.78	0.0	0.0	9.258	1343.	44.	10.	769.0	27.1	1
270	0	392	37.1624	88.6767	-708.7		KU	7.08	2.34	1.23	0.330	1.905	5.768	1493.	31.	3.	768.0	27.2	1
271	0	404	37.1630	88.6767	-711.5		KU	6.59	2.47	0.87	0.375	2.827	7.537	1447.	32.	8.	768.5	27.2	1
272	0	416	37.1635	88.6767	-716.0		KU	7.63	3.58	1.09	0.469	3.269	6.970	1582.	36.	9.	769.0	27.2	1
273	0	420	37.1642	88.6767	-716.5		KU	7.82	1.95	1.03	0.250	1.890	7.562	1610.	35.	11.	768.0	27.1	1
274	0	420	37.1647	88.6767	-718.0		KU	8.15	2.51	0.91	0.308	2.751	8.918	1545.	40.	7.	769.0	27.1	1
275	0	428	37.1653	88.6767	-721.0		KU	7.83	2.64	0.81	0.337	3.271	9.699	1588.	46.	11.	768.5	27.0	1
276	0	432	37.1659	88.6767	-724.2		KU	8.21	2.91	0.95	0.355	3.065	8.639	1433.	43.	8.	768.0	26.9	1
277	0	428	37.1665	88.6768	-725.5		KU	6.75	2.46	1.21	0.365	2.037	5.579	1556.	38.	8.	769.0	26.9	1
278	0	424	37.1670	88.6768	-726.2		KU	7.21	2.20	0.86	0.306	2.567	8.401	1529.	30.	8.	768.0	26.9	1
279	0	420	37.1676	88.6768	-728.5		KU	5.05	3.15	1.21	0.623	2.594	4.167	1468.	44.	9.	768.5	26.9	1
280	0	408	37.1682	88.6768	-731.7		KU	7.57	3.37	0,89	0.446	3.808	8.543	1477.	41.	6.	769.5	26.9	1
281	0	412	37.1688	88.6768	-736.2		KU	6.21	3.29	0.93	0.529	3.529	6.670	1565.	40.	4.	768.0	26.9	1
282	0	420	37.1694	88.6768	-739.7		KU	6.97	2.75	1.06	0.395	2.591	6.557	1559.	33.	8.	769.5	26.9	1
283	0	432	37.1699	88.6768	-743.0		KU	9.31	3.53	0.83	0.380	4.262	11.227	1612.	32.	5.	769.5	27.0	1
284	10	436	37.1705	88.6768	-745.5		KU	7.93	1.61	1.18	0.0	0.0	6.726	1552.	41.	10.	767.4	27.0	1
285	0	448	37.1711	88.6768	-747.5		KU	6.23	3.60	0.80	0.578	4.513	7.802	1589.	47.	7.	769.5	27.0	1
286	10	460	37.1717	88.6768	-748.0		KU	8.57	1.71	1.05	0.0	0.0	8.160	1612.	34.	12.	769.0	27.0	1
287	0	460	37.1722	88.6769	-752.0		KU	6.31	2.23	0.90	0.353	2.486	7.036	1550.	33.	16.	768.0	26.9	1
288	0	468	37.1729	88.6769	-754.5		KU	6.25	2.64	1.06	0.423	2.484	5.880	1636.	38.	15.	770.0	26.9	1
289	10	472	37.1735	88.6769	-756.2		KU	7.97	1.62	1.02	0.0	0.0	7.839	1616.	30.	14.	768.5	26.8	1
290	0	468	37.1740	88.6769	-759.2		KU	7.53	2.97	0.96	0.395	3.103	7.863	1610.	39.	11.	766.4	26.8	1
291	0	456	37.1746	88.6769	-762.0		KU	8.76	1.85	0.94	0.211	1.961	9.302	1590.	40.	12.	768.0	26.8	1
292	0	448	37.1752	88.6769	-764.7		KU	7.76	2.94	0.85	0.379	3.477	9.174	1585.	37.	12.	766.9	26.8	1
293	10	448	37.1757	88.6770	-770.2		KU	8.83	0.34	1.04	0.0	0.0	8.510	1579.	46.	15.	767.4	26.8	1
294	0	456	37.1763	88.6770	-773.0		KU	4.44	2.72	0.92	0.614	2.951	4.808	1478.	54.	15.	769.5	26.9	1
295	0	456	37.1769	88.6770	-774.0		KU	7.17	1.89	1.12	0.264	1.681	6.372	1551.	41.	13.	767.4	26.9	1
296	0	456	37.1775	88.6770	-777.2		KU	7.48	2.26	1.25	0.302	1.806	5.980	1611.	41.	17.	768.5	26.9	1
297	0	452	37.1781	88.6770	-782.0		KU	6.99	2.50	0.92	0.357	2.709	7.591	1522.	40.	13.	769.5	26.9	1
298	0	448	37.1787	88.6770	-782.0		KU	5.10	2.20	1.07	0.430	2.048	4.761	1534.	38.	14.	767.4	26.9	1
299	0	444	37.1792	88.6770	-785.0		KU	7.88	4.48	0.91	0.569	4.908	8.628	1529.	52.	11.	768.5	26.8	1
300	10	440	37.1798	88.6770	-788.0		KU	7.77	0.81	1.15	0.0	0.0	6.757	1488.	35.	15.	768.5	26.8	1
301	0	440	37.1804	88.6770	-791.7		KU	8.81	1.73	0.99	0.196	1.743	8.873	1554.	26.	13.	767.4	26.8	1
302	10	444	37.1810	88.6770	-794.2		KU	8.35	0.46	1.10	0.0	0.0	7.592	1514.	32.	15.	769.5	26.8	1
303	0	444	37.1816	88.6771	-797.2		KU	7.17	2.70	0.76	0.376	3.561	9.462	1490.	49.	11.	768.5	26.8	1
304	0	444	37.1822	88.6771	-800.2		KU	7.69	2.47	0.89	0.321	2.768	8.615	1461.	36.	11.	766.4	26.8	1
305	10	444	37.1827	88.6771	-805.0		KU	7.97	0.26	0.90	0.0	0.0	8.880	1421.	36.	12.	768.5	26.8	1
306	0	452	37.1833	88.6771	-807.5		KU	7.48	1.77	0.99	0.237	1.796	7.580	1597.	30.	12.	767.4	27.0	1
307	0	456	37.1839	88.6771	-811.5		KU	10.07	2.86	0.98	0.284	2.921	10.291	1585.	31.	6.	766.4	26.9	1
308	0	452	37.1845	88.6771	-813.2		KU	6.25	1.98	0.94	0.317	2.117	6.675	1510.	50.	9.	768.5	26.9	1
309	0	448	37.1850	88.6771	-815.7		KU	5.53	3.42	1.05	0.618	3.266	5.283	1508.	41.	7.	768.0	26.9	1
310	10	444	37.1856	88.6771	-820.2		KU	8.54	1.14	1.09	0.0	0.0	7.828	1581.	32.	5.	766.4	26.9	1
311	0	440	37.1863	88.6771	-822.2		KU	7.12	2.64	1.13	0.371	2.337	6.296	1580.	40.	5.	767.4	26.9	1
312	0	440	37.1868	88.6771	-823.5		KU	8.50	3.19	0.88	0.376	3.617	9.629	1584.	31.	2.	767.4	26.9	1
313	0	440	37.1874	88.6772	-825.2		KU	7.22	4.05	0.89	0.560	4.540	8.102	1546.	32.	5.	766.4	26.9	1
314	0	432	37.1880	88.6772	-828.2		KU	6.75	3.35	0.97	0.497	3.465	6.971	1576.	39.	6.	768.0	26.9	1
315	0	432	37.1886	88.6772	-833.0		KU	5.91	2.48	1.11	0.420	2.245	5.345	1588.	38.	7.	769.0	26.8	1
316	0	432	37.1891	88.6772	-835.5		KU	4.48	2.42	1.29	0.541	1.885	3.487	1541.	42.	10.	768.0	26.8	1
317	0	436	37.1897	88.6772	-838.5		KU	4.61	3.05	1.13	0.661	2.691	4.068	1533.	38.	12.	768.5	26.8	1
318	10	440	37.1903	88.6772	-840.5		KU	4.79	0.73	1.08	0.0	0.0	4.420	1344.	46.	15.	769.5	26.8	1

CP9 1P12
CP9 1P12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
319	10	432	37.1909	88.6772	-842.5	KU	6.37	0.86	0.93	0.0	0.0	6.891	1370.	46.	14.	768.5	26.8	1
320	0	428	37.1915	88.6772	-846.7	KU	5.53	1.85	0.93	0.334	1.983	5.937	1480.	40.	16.	767.4	26.8	1
321	0	420	37.1921	88.6772	-849.7	KU	7.76	4.05	0.80	0.522	5.057	9.695	1479.	38.	13.	769.0	26.8	1
322	10	420	37.1927	88.6772	-853.0	KU	6.87	0.80	1.20	0.0	0.0	5.738	1490.	47.	14.	769.0	26.8	1
323	0	416	37.1934	88.6772	-855.0	KU	7.35	2.88	0.81	0.392	3.578	9.126	1564.	33.	13.	766.9	26.8	1
324	0	412	37.1939	88.6772	-857.7	KU	6.10	2.60	1.03	0.427	2.521	5.906	1581.	40.	12.	768.0	26.8	1
325	0	408	37.1946	88.6771	-862.0	KU	5.90	2.45	0.97	0.415	2.524	6.079	1515.	34.	14.	769.0	26.8	1
326	0	408	37.1952	88.6771	-866.0	KU	5.28	2.02	1.22	0.382	1.654	4.333	1569.	42.	17.	768.0	26.9	1
327	10	404	37.1958	88.6771	-867.2	KU	8.33	1.65	0.88	0.0	0.0	9.428	1513.	46.	15.	766.4	26.9	1
328	0	400	37.1964	88.6771	-869.5	KU	5.60	2.04	1.12	0.363	1.814	4.991	1538.	30.	15.	768.5	26.9	1
329	0	400	37.1970	88.6771	-872.5	KU	6.28	2.75	1.12	0.437	2.451	5.611	1638.	44.	16.	769.5	26.9	1
330	0	396	37.1976	88.6771	-875.0	KU	7.58	3.94	0.87	0.520	4.526	8.707	1655.	28.	11.	766.4	26.9	1
331	0	388	37.1982	88.6770	-876.2	KU	6.63	1.96	1.05	0.295	1.865	6.320	1543.	32.	12.	766.4	26.9	1
332	0	384	37.1988	88.6770	-880.0	KU	5.87	2.80	0.94	0.478	2.969	6.217	1416.	40.	10.	769.5	26.9	1
333	0	392	37.1994	88.6770	-882.7	KU	6.67	1.98	1.03	0.296	1.921	6.482	1518.	41.	6.	767.4	26.9	1
334	0	404	37.2000	88.6770	-886.0	KU	6.29	1.79	1.12	0.285	1.590	5.589	1500.	45.	7.	766.4	26.9	1
335	0	412	37.2007	88.6770	-889.5	KU	6.57	3.20	0.97	0.487	3.295	6.771	1522.	38.	8.	768.5	26.9	1
336	0	416	37.2013	88.6770	-892.2	KU	9.70	1.74	1.39	0.179	1.247	6.969	1585.	40.	5.	767.4	26.9	1
337	0	420	37.2019	88.6769	-893.2	KU	6.11	3.95	1.27	0.646	3.105	4.804	1569.	39.	5.	766.4	27.0	1
338	0	420	37.2025	88.6769	-896.2	KU	8.59	1.92	0.88	0.224	2.183	9.740	1692.	37.	7.	768.5	27.0	1
339	0	420	37.2030	88.6769	-898.0	KU	5.99	3.92	0.94	0.655	4.156	6.348	1596.	37.	8.	767.4	27.0	1
340	0	416	37.2037	88.6769	-899.7	KU	8.40	3.36	1.19	0.400	2.831	7.082	1638.	45.	8.	764.3	26.9	1
341	0	408	37.2043	88.6769	-902.7	KU	6.89	2.60	1.12	0.377	2.313	6.133	1659.	29.	13.	766.4	26.9	1
342	0	400	37.2049	88.6769	-904.2	KU	7.12	2.20	0.93	0.309	2.353	7.625	1625.	36.	11.	768.5	26.9	1
343	0	404	37.2055	88.6768	-906.2	KU	9.43	2.52	0.84	0.267	3.018	11.290	1648.	36.	10.	766.4	26.9	1
344	0	400	37.2062	88.6768	-908.5	KU	5.92	3.05	0.99	0.515	3.087	5.990	1524.	39.	12.	765.4	26.9	1
345	0	396	37.2067	88.6768	-910.2	KU	7.22	3.04	0.91	0.420	3.349	7.969	1522.	39.	12.	767.4	26.9	1
346	0	392	37.2074	88.6768	-913.5	KU	6.88	3.03	0.94	0.440	3.230	7.335	1488.	39.	9.	767.4	26.9	1
347	0	392	37.2079	88.6768	-916.5	KU	7.97	2.49	1.25	0.312	1.991	6.387	1635.	37.	8.	766.4	26.9	1
348	0	396	37.2086	88.6768	-917.0	KU	9.24	2.94	1.12	0.318	2.622	8.251	1661.	42.	5.	766.4	27.0	1
349	0	408	37.2092	88.6767	-918.5	KU	9.12	2.47	0.94	0.271	2.640	9.733	1556.	49.	6.	768.5	27.0	1
350	0	420	37.2098	88.6767	-922.2	KU	6.73	2.29	1.26	0.340	1.809	5.320	1644.	43.	8.	768.0	27.0	1
351	10	416	37.2104	88.6767	-923.0	KU	6.93	1.20	1.01	0.0	0.0	6.852	1508.	43.	8.	765.9	26.9	1
352	0	408	37.2110	88.6767	-925.0	KU	7.51	3.48	1.26	0.464	2.755	5.943	1661.	41.	2.	766.9	26.9	1
353	0	400	37.2116	88.6767	-929.0	KU	6.81	2.82	0.98	0.414	2.886	6.965	1614.	49.	8.	768.0	26.8	1
354	0	396	37.2122	88.6767	-930.2	KU	8.62	2.01	1.10	0.233	1.829	7.836	1621.	41.	5.	765.9	26.8	1
355	0	392	37.2128	88.6766	-931.7	KU	7.16	2.12	1.09	0.296	1.947	6.565	1551.	41.	8.	765.9	26.8	1
356	0	380	37.2134	88.6766	-934.7	KU	7.62	2.08	1.07	0.273	1.947	7.133	1485.	29.	7.	768.0	26.8	1
357	0	388	37.2141	88.6766	-935.7	KU	7.26	4.04	0.75	0.557	5.390	9.672	1511.	41.	8.	768.0	26.8	1
358	0	404	37.2147	88.6766	-936.7	KU	7.53	3.59	1.07	0.477	3.363	7.057	1571.	31.	10.	765.9	26.8	1
359	0	400	37.2153	88.6766	-939.7	KU	7.37	2.82	0.83	0.383	3.404	8.896	1460.	40.	9.	766.4	26.8	1
360	0	400	37.2159	88.6766	-939.7	KU	5.59	2.06	0.96	0.368	2.134	5.800	1417.	31.	11.	767.4	26.8	1
361	10	436	37.2165	88.6765	-942.0	KU	6.19	1.42	1.15	0.0	0.0	5.372	1444.	44.	12.	766.4	26.8	1
362	10	440	37.2171	88.6765	-945.5	KU	8.59	1.38	0.90	0.0	0.0	9.569	1438.	36.	8.	765.4	26.8	1
363	0	460	37.2177	88.6765	-947.0	KU	7.86	2.34	1.03	0.298	2.277	7.648	1563.	30.	5.	767.4	26.8	1
364	0	460	37.2183	88.6765	-947.2	KU	7.23	2.84	1.00	0.393	2.836	7.219	1638.	51.	7.	767.4	26.8	1
365	0	464	37.2189	88.6765	-949.2	KU	7.12	2.45	1.13	0.344	2.158	6.279	1547.	35.	4.	765.4	26.8	1
366	0	464	37.2195	88.6765	-949.5	KU	4.48	3.63	1.22	0.811	2.975	3.670	1531.	43.	1.	765.4	26.8	1
367	0	468	37.2202	88.6765	-949.7	KU	6.52	2.62	1.01	0.401	2.597	6.473	1549.	43.	3.	766.4	26.8	1
368	10	472	37.2207	88.6765	-952.0	KU	9.89	-0.06	1.03	0.0	0.0	9.644	1531.	37.	4.	767.4	26.8	1
369	0	468	37.2214	88.6765	-956.5	KU	6.36	2.56	1.20	0.403	2.139	5.305	1519.	49.	6.	765.9	26.7	1
370	0	468	37.2220	88.6765	-958.2	KU	8.22	2.20	0.97	0.268	2.262	8.454	1511.	33.	9.	764.9	26.7	1
371	0	472	37.2226	88.6765	-959.7	KU	6.64	2.60	0.98	0.392	2.666	6.799	1577.	46.	12.	765.9	26.6	1

CP9 IP12

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
372	0	468	37.2232	88.6764	-962.5		KU	6.36	5.28	0.79	0.830	6.685	8.058	1589.	43.	13.	766.9	26.6	1
373	0	468	37.2238	88.6764	-963.7		KU	6.53	3.22	1.03	0.493	3.120	6.324	1516.	44.	13.	765.9	26.6	1
374	10	468	37.2244	88.6764	-965.0		KU	6.27	1.18	1.09	0.0	0.0	5.774	1534.	40.	14.	764.3	26.8	1
375	0	480	37.2250	88.6764	-967.5		KU	8.28	2.09	0.97	0.253	2.151	8.518	1490.	47.	8.	764.3	26.8	1
376	0	492	37.2256	88.6764	-966.7		QAL	5.25	3.62	0.99	0.689	3.641	5.283	1533.	46.	10.	767.4	26.8	1
377	0	500	37.2262	88.6764	-969.0		QAL	8.68	1.94	0.86	0.223	2.260	10.115	1428.	37.	4.	768.0	26.8	1
378	0	504	37.2268	88.6764	-972.7		QAL	7.01	2.20	0.67	0.314	3.284	10.471	1385.	41.	4.	764.9	26.8	1
379	0	500	37.2274	88.6763	-974.2		QAL	6.29	1.84	0.83	0.293	2.211	7.557	1404.	34.	3.	764.3	26.8	1
380	0	500	37.2281	88.6763	-976.0		QAL	7.56	1.94	1.07	0.256	1.805	7.041	1499.	35.	6.	766.4	26.8	1
381	0	484	37.2287	88.6763	-977.5		QAL	6.30	2.91	1.06	0.462	2.747	5.943	1384.	51.	4.	766.4	26.8	1
382	0	428	37.2293	88.6763	-976.5		QAL	4.16	1.80	0.77	0.433	2.344	5.410	1229.	34.	7.	765.4	26.8	1
383	0	444	37.2299	88.6763	-978.5		QAL	4.76	2.36	1.11	0.495	2.130	4.299	1342.	31.	8.	765.4	26.8	1
384	0	484	37.2305	88.6763	-980.7		KU	5.58	4.34	0.90	0.778	4.824	6.198	1543.	39.	9.	766.4	26.8	1
385	10	472	37.2311	88.6762	-980.5		KU	7.54	1.27	0.98	0.0	0.0	7.724	1519.	39.	14.	766.4	26.8	1
386	0	476	37.2317	88.6762	-980.2		KU	8.31	2.31	1.14	0.277	2.019	7.279	1563.	38.	15.	765.4	26.8	1
387	0	472	37.2323	88.6762	-983.5		KU	7.52	3.71	0.91	0.494	4.101	8.301	1579.	39.	9.	765.4	26.7	1
388	0	464	37.2329	88.6762	-985.2		KU	6.69	2.01	1.03	0.300	1.950	6.501	1475.	40.	14.	767.4	26.8	1
389	0	456	37.2335	88.6762	-986.7		KU	7.07	4.55	0.86	0.643	5.298	8.233	1564.	48.	7.	766.4	26.7	1
390	10	448	37.2342	88.6761	-989.2		KU	8.27	0.88	1.25	0.0	0.0	6.617	1552.	43.	7.	765.4	26.7	1
391	0	440	37.2347	88.6761	-991.2		KU	7.40	3.10	0.94	0.419	3.305	7.891	1658.	37.	4.	766.4	26.7	1
392	0	444	37.2354	88.6761	-991.5		KU	6.19	3.60	0.98	0.581	3.674	6.319	1582.	35.	3.	766.9	26.7	1
393	0	448	37.2360	88.6761	-993.5		KU	7.17	4.46	0.82	0.622	5.453	8.766	1632.	43.	4.	765.9	26.7	1
394	0	452	37.2366	88.6761	-995.5		KU	8.63	2.81	0.86	0.326	3.252	9.983	1457.	43.	2.	764.9	26.8	1
395	0	456	37.2372	88.6761	-997.2		KU	5.55	4.33	0.64	0.780	6.721	8.622	1488.	40.	5.	765.9	26.8	1
396	0	472	37.2378	88.6761	-1000.0		KU	6.20	3.23	1.00	0.520	3.242	6.230	1536.	42.	5.	767.4	26.9	1
397	0	468	37.2384	88.6761	-1000.7		KU	7.51	2.06	0.76	0.274	2.697	9.830	1518.	40.	11.	767.4	26.9	1
398	0	456	37.2390	88.6760	-1001.7		KU	8.29	3.49	0.82	0.420	4.247	10.104	1621.	33.	11.	765.4	26.8	1
399	0	448	37.2396	88.6760	-1003.7		KU	4.85	3.07	1.23	0.633	2.490	3.935	1607.	36.	8.	764.3	26.9	1
400	0	444	37.2402	88.6760	-1005.0		KU	5.73	2.79	1.24	0.487	2.252	4.625	1553.	53.	8.	765.4	26.9	1
401	0	448	37.2409	88.6760	-1005.2		KU	4.52	3.16	1.09	0.698	2.909	4.165	1519.	38.	10.	766.9	26.9	1
402	0	448	37.2414	88.6760	-1008.0		KU	6.29	2.15	0.80	0.341	2.687	7.881	1356.	44.	4.	766.9	26.9	1
403	0	428	37.2421	88.6760	-1010.7		KU	5.36	2.18	0.94	0.406	2.315	5.694	1397.	35.	4.	764.9	26.9	1
404	0	400	37.2427	88.6759	-1010.5		KU	6.41	1.42	0.93	0.222	1.534	6.919	1296.	35.	2.	765.4	26.9	1
405	0	396	37.2433	88.6759	-1012.5		KU	7.14	2.48	0.98	0.347	2.531	7.293	1381.	41.	0.	767.4	26.9	1
406	0	448	37.2439	88.6759	-1013.0		KU	5.70	3.99	0.92	0.699	4.338	6.203	1429.	37.	0.	766.9	26.9	1
407	0	476	37.2445	88.6759	-1012.7		KU	10.80	2.39	1.09	0.221	2.190	9.903	1555.	35.	0.	765.9	26.8	1
408	0	480	37.2451	88.6759	-1015.0		KU	6.64	2.97	1.08	0.447	2.748	6.149	1521.	32.	0.	764.9	26.9	1
409	0	476	37.2457	88.6759	-1016.7		KU	5.62	2.27	0.89	0.404	2.558	6.335	1386.	37.	6.	764.9	26.9	1
410	0	428	37.2463	88.6758	-1017.2		QAL	5.97	2.07	0.91	0.347	2.277	6.562	1266.	47.	5.	766.4	26.9	1
411	0	428	37.2470	88.6758	-1019.5		QAL	6.03	3.01	0.68	0.498	4.431	8.889	1287.	45.	9.	766.9	26.8	1
412	0	464	37.2475	88.6758	-1020.5		QAL	5.71	3.33	0.88	0.583	3.782	6.490	1353.	49.	11.	765.9	26.8	1
413	10	492	37.2482	88.6758	-1022.5		QAL	8.09	1.04	1.08	0.0	0.0	7.495	1433.	39.	13.	765.9	26.8	1
414	0	488	37.2488	88.6758	-1025.0		QAL	7.64	1.88	0.77	0.246	2.452	9.956	1446.	44.	11.	764.9	26.9	1
415	10	492	37.2494	88.6758	-1025.2		QAL	8.22	1.03	0.82	0.0	0.0	10.079	1495.	39.	10.	765.4	26.9	1
416	10	496	37.2500	88.6757	-1025.0		QAL	5.70	1.22	1.16	0.0	0.0	4.907	1365.	44.	8.	767.4	26.9	1
417	0	500	37.2506	88.6757	-1026.5		QAL	7.41	3.74	0.57	0.505	6.510	12.885	1440.	43.	6.	766.9	26.9	1
418	0	504	37.2512	88.6757	-1027.2		QAL	6.03	4.30	0.55	0.713	7.791	10.923	1363.	40.	5.	765.9	26.9	1
419	0	504	37.2518	88.6757	-1029.5		QAL	6.09	3.34	0.74	0.549	4.521	8.236	1392.	29.	6.	765.9	26.8	1
420	0	500	37.2524	88.6757	-1031.0		QAL	7.21	2.80	0.89	0.388	3.140	8.097	1494.	38.	3.	765.4	26.8	1
421	0	496	37.2530	88.6757	-1030.7		QAL	7.39	2.11	1.06	0.286	1.991	6.972	1539.	36.	3.	765.4	26.8	1
422	0	484	37.2537	88.6757	-1032.0		QAL	8.41	4.29	0.74	0.510	5.768	11.301	1448.	38.	0.	764.3	26.8	1
423	0	480	37.2542	88.6757	-1032.7		QAL	9.82	2.29	1.15	0.233	1.987	8.529	1609.	35.	3.	763.8	26.8	1
424	0	480	37.2549	88.6757	-1034.5		KU	7.33	3.36	0.93	0.458	3.591	7.843	1484.	47.	0.	765.9	26.8	1

CP 9 IP 12

FLIGHT LINE 105 DAY 178 REDUCED DATA TEX-KENT 1979 PADUCAH

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
425	10	484	37.2554	88.6757	-1035.2	KU	6.39	1.10	1.17	0.0	0.0	5.446	1490.	43.	9.	768.0	26.8	1
426	0	484	37.2561	88.6757	-1036.0	KU	6.49	2.18	0.86	0.335	2.532	7.548	1352.	38.	8.	768.0	26.8	1
427	0	484	37.2567	88.6757	-1036.2	KU	8.26	2.78	0.83	0.337	3.356	9.957	1418.	36.	10.	766.9	26.8	1
428	0	476	37.2573	88.6756	-1036.2	KU	7.01	3.30	0.75	0.470	4.403	9.363	1454.	38.	11.	765.9	26.8	1
429	10	472	37.2579	88.6756	-1038.5	KU	7.27	1.06	0.85	0.0	0.0	8.504	1498.	39.	9.	764.3	26.8	1
430	0	460	37.2585	88.6756	-1041.5	KU	7.38	3.56	1.17	0.482	3.050	6.323	1646.	32.	6.	764.3	26.9	1
431	0	444	37.2591	88.6756	-1041.5	KU	7.73	1.97	1.03	0.255	1.908	7.472	1509.	49.	7.	765.4	26.9	1
432	10	436	37.2597	88.6756	-1042.5	KU	7.20	1.43	1.18	0.0	0.0	6.080	1460.	42.	9.	766.4	26.9	1
433	0	384	37.2603	88.6756	-1043.2	KU	5.27	3.29	0.59	0.624	5.577	8.941	1268.	50.	3.	766.4	26.9	1
434	0	360	37.2609	88.6755	-1043.0	KU	7.12	2.48	0.87	0.348	2.843	8.166	1261.	39.	3.	766.4	26.9	1
435	0	344	37.2616	88.6754	-1043.5	KU	6.04	2.07	0.69	0.342	3.011	8.802	1228.	32.	2.	765.4	26.9	1
436	0	348	37.2622	88.6754	-1046.0	KU	6.78	2.99	0.87	0.441	3.425	7.762	1307.	26.	3.	763.8	26.8	1
437	0	348	37.2628	88.6754	-1045.2	KU	5.36	3.95	0.58	0.736	6.827	9.277	1406.	45.	3.	763.8	26.8	1
438	0	400	37.2634	88.6754	-1045.7	KU	5.68	3.29	0.87	0.580	3.790	6.535	1457.	45.	3.	763.8	26.8	1
439	0	432	37.2640	88.6754	-1047.2	KU	6.35	3.95	1.06	0.622	3.712	5.968	1666.	45.	3.	764.3	26.8	1
440	0	424	37.2646	88.6754	-1048.0	KU	9.86	4.19	0.90	0.425	4.676	11.006	1680.	32.	2.	765.9	26.8	1
441	0	416	37.2652	88.6754	-1047.2	KU	9.43	1.69	1.41	0.179	1.199	6.704	1654.	38.	4.	766.9	26.8	1
442	0	404	37.2658	88.6754	-1049.5	KU	4.46	5.29	1.07	1.185	4.929	4.160	1593.	51.	2.	765.9	26.8	1
443	0	388	37.2665	88.6754	-1049.2	KU	7.91	2.13	1.08	0.269	1.972	7.320	1517.	33.	2.	765.9	26.8	1
444	0	360	37.2670	88.6754	-1050.5	KU	7.56	2.96	1.09	0.392	2.709	6.920	1548.	31.	4.	765.4	26.8	1
445	0	372	37.2677	88.6754	-1051.2	KU	7.41	2.24	1.01	0.302	2.224	7.361	1513.	39.	5.	764.3	26.8	1
446	10	376	37.2682	88.6753	-1051.2	KU	8.02	1.06	0.86	0.0	0.0	9.346	1498.	33.	7.	764.3	26.9	1
447	0	360	37.2689	88.6753	-1052.7	KU	5.00	2.00	1.02	0.400	1.959	4.895	1419.	43.	7.	765.4	26.9	1
448	10	360	37.2695	88.6753	-1053.5	QTC-1	7.72	0.86	1.19	0.0	0.0	6.498	1464.	32.	10.	765.4	26.9	1
449	10	368	37.2701	88.6753	-1054.0	QTC-1	7.03	1.15	0.95	0.0	0.0	7.388	1441.	38.	13.	766.4	27.0	1
450	0	372	37.2707	88.6753	-1054.5	QTC-1	6.57	2.11	0.90	0.322	2.356	7.325	1440.	37.	9.	766.4	27.0	1
451	10	356	37.2713	88.6753	-1055.2	QTC-1	8.61	0.74	0.91	0.0	0.0	9.412	1415.	31.	14.	766.4	27.0	1
452	0	332	37.2719	88.6752	-1054.2	QTC-1	5.80	1.81	0.88	0.313	2.063	6.600	1360.	42.	11.	766.4	27.0	1
453	0	312	37.2726	88.6752	-1055.0	QTC-1	5.70	1.39	0.71	0.243	1.955	8.043	1298.	39.	13.	765.4	27.0	1
454	10	340	37.2731	88.6752	-1056.5	QTC-1	6.48	1.20	0.98	0.0	0.0	6.622	1290.	31.	11.	764.3	27.0	1
455	0	332	37.2737	88.6752	-1057.0	QTC-1	4.88	2.19	0.69	0.449	3.190	7.111	1266.	39.	9.	764.3	26.9	1
456	0	328	37.2744	88.6752	-1055.2	QTC-1	5.48	2.83	0.78	0.517	3.652	7.066	1177.	46.	3.	765.4	27.0	1
457	0	360	37.2750	88.6752	-1054.7	QTC-1	7.17	1.32	0.75	0.184	1.768	9.595	1319.	31.	5.	765.9	27.0	1
458	0	364	37.2756	88.6751	-1056.2	KU	4.60	3.40	0.85	0.739	4.013	5.431	1305.	41.	2.	765.9	27.0	1
459	0	360	37.2762	88.6751	-1056.7	KU	5.22	2.04	1.02	0.391	1.997	5.106	1405.	36.	5.	766.9	27.0	1
460	0	392	37.2768	88.6751	-1055.5	KU	5.68	2.29	1.17	0.403	1.950	4.843	1501.	52.	7.	766.9	26.9	1
461	0	368	37.2774	88.6751	-1057.0	KU	8.38	2.27	0.79	0.270	2.857	10.562	1480.	36.	4.	765.4	27.0	1
462	0	392	37.2780	88.6751	-1056.2	KU	5.56	2.13	1.06	0.384	2.007	5.227	1479.	48.	6.	764.3	27.0	1
463	0	408	37.2786	88.6751	-1056.0	KU	8.77	1.64	1.09	0.187	1.512	8.078	1578.	37.	8.	764.3	27.0	1
464	10	424	37.2792	88.6751	-1055.5	KU	8.03	1.33	1.18	0.0	0.0	6.791	1623.	32.	9.	764.3	27.0	1
465	0	420	37.2798	88.6751	-1055.7	KU	7.68	1.88	1.21	0.244	1.547	6.328	1580.	41.	7.	765.4	27.0	1
466	0	412	37.2805	88.6750	-1057.0	KU	8.82	1.53	1.43	0.174	1.071	6.165	1661.	42.	4.	766.4	27.0	1
467	0	408	37.2810	88.6750	-1057.0	KU	9.22	2.02	1.12	0.219	1.798	8.225	1571.	35.	5.	766.4	26.9	1
468	0	408	37.2817	88.6750	-1057.0	KU	5.99	4.39	0.92	0.733	4.773	6.512	1627.	40.	4.	766.4	27.0	1
469	0	416	37.2822	88.6752	-1057.2	KU	7.43	2.56	1.21	0.345	2.110	6.121	1612.	47.	7.	766.4	26.9	1
470	0	424	37.2829	88.6752	-1056.5	MCL	8.79	2.11	1.20	0.240	1.758	7.327	1577.	47.	5.	765.4	26.9	1
471	0	436	37.2834	88.6752	-1057.0	MCL	8.28	3.38	0.98	0.408	3.441	8.426	1584.	44.	6.	764.3	26.9	1
472	0	444	37.2841	88.6751	-1056.7	MCL	6.97	4.40	1.06	0.631	4.151	6.580	1621.	27.	2.	764.3	26.9	1
473	10	456	37.2847	88.6752	-1057.0	MCL	7.15	0.88	1.36	0.0	0.0	5.265	1594.	30.	2.	765.4	26.9	1
474	0	476	37.2853	88.6752	-1055.2	MCL	8.31	3.38	1.30	0.407	2.590	6.372	1644.	40.	2.	767.4	27.0	1
475	0	432	37.2859	88.6752	-1054.5	MCL	4.76	4.01	0.86	0.842	4.681	5.556	1432.	40.	0.	767.4	27.0	1
476	0	432	37.2865	88.6752	-1055.5	MCL	7.29	2.77	1.09	0.381	2.556	6.713	1434.	42.	0.	765.9	27.0	1
477	0	412	37.2870	88.6753	-1055.0	MCL	7.24	2.21	0.82	0.305	2.698	8.844	1379.	31.	0.	765.9	27.0	1

CP9 1P12

FLIGHT LINE 105 DAY 178 REDUCED DATA TEX-KENT 1979 PADUCAH

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
478	0	420	37.2877	88.6753	-1053.7	MCL	5.35	1.65	1.10	0.308	1.493	4.856	1332.	48.	6.	766.9	27.1	1
479	0	448	37.2883	88.6753	-1053.5	MCL	5.86	3.47	0.85	0.593	4.096	6.912	1373.	44.	5.	766.4	27.1	1
480	10	480	37.2889	88.6753	-1053.2	MCL	6.95	1.56	1.13	0.0	0.0	6.131	1485.	32.	10.	765.4	27.1	1
481	0	492	37.2895	88.6753	-1054.5	QAL	5.35	2.42	0.87	0.452	2.788	6.165	1523.	29.	12.	764.3	27.1	1
482	10	520	37.2901	88.6753	-1055.2	QAL	8.24	0.62	1.36	0.0	0.0	6.071	1564.	25.	12.	764.9	27.1	1
483	10	520	37.2907	88.6753	-1054.7	QAL	5.68	1.54	1.05	0.0	0.0	5.387	1519.	37.	14.	766.4	27.0	1
484	10	520	37.2913	88.6753	-1053.2	QAL	8.28	1.34	1.07	0.0	0.0	7.722	1585.	42.	14.	767.4	27.0	1
485	10	512	37.2919	88.6753	-1053.2	QAL	7.23	1.67	1.25	0.0	0.0	5.765	1562.	39.	11.	767.4	27.0	1
486	0	504	37.2925	88.6754	-1052.5	QAL	7.20	2.32	1.09	0.322	2.131	6.609	1613.	31.	11.	767.4	27.0	1
487	0	516	37.2931	88.6754	-1052.2	QAL	7.55	2.01	1.46	0.266	1.379	5.178	1631.	50.	3.	766.9	27.0	1
488	0	520	37.2937	88.6754	-1053.0	QAL	7.33	3.07	1.20	0.419	2.565	6.125	1606.	30.	1.	765.9	27.0	1
489	0	524	37.2943	88.6754	-1052.5	QAL	8.61	2.25	1.20	0.262	1.881	7.181	1623.	38.	0.	765.9	26.9	1
490	0	528	37.2949	88.6754	-1052.2	QAL	7.72	2.50	1.30	0.324	1.924	5.931	1670.	35.	4.	765.9	27.0	1
491	0	528	37.2955	88.6754	-1053.5	QAL	8.57	2.33	0.95	0.271	2.458	9.055	1507.	49.	5.	764.9	27.0	1
492	0	532	37.2961	88.6754	-1053.2	QAL	6.78	2.79	1.09	0.411	2.551	6.203	1524.	30.	3.	764.3	27.0	1
493	0	540	37.2967	88.6754	-1052.2	QAL	6.83	3.53	0.73	0.516	4.827	9.355	1577.	48.	8.	765.4	27.0	1
494	0	544	37.2973	88.6754	-1052.0	QAL	7.86	3.66	0.86	0.466	4.247	9.123	1526.	39.	6.	766.4	26.9	1
495	10	548	37.2979	88.6755	-1050.7	QAL	4.24	1.83	1.23	0.0	0.0	3.446	1558.	34.	13.	766.4	27.0	1
496	0	552	37.2985	88.6755	-1050.7	QAL	5.06	2.66	1.16	0.526	2.283	4.341	1514.	43.	14.	766.4	27.0	1
497	0	556	37.2991	88.6755	-1051.5	QAL	5.71	3.76	0.81	0.659	4.626	7.023	1567.	36.	14.	766.4	27.0	1
498	10	556	37.2997	88.6755	-1052.0	QAL	6.26	1.86	1.16	0.0	0.0	5.378	1557.	34.	16.	765.4	27.0	1
499	0	552	37.3003	88.6756	-1050.2	QAL	6.00	2.18	1.02	0.363	2.147	5.911	1556.	31.	13.	765.4	26.9	1
500	10	548	37.3009	88.6756	-1050.7	QAL	6.72	1.72	1.14	0.0	0.0	5.912	1549.	43.	13.	765.4	26.9	1
501	10	544	37.3015	88.6756	-1050.2	QAL	7.84	1.13	1.33	0.0	0.0	5.909	1609.	47.	11.	764.9	26.9	1
502	0	536	37.3022	88.6756	-1049.0	QAL	6.22	2.13	1.04	0.343	2.043	5.959	1439.	36.	10.	764.9	26.9	1
503	0	528	37.3027	88.6756	-1048.2	QAL	4.36	4.15	1.08	0.953	3.859	4.051	1521.	44.	8.	764.9	26.9	1
504	0	524	37.3034	88.6756	-1049.0	QAL	6.88	2.53	1.02	0.368	2.483	6.746	1570.	41.	5.	764.9	27.0	1
505	0	524	37.3039	88.6756	-1047.5	MCU	6.04	2.40	1.24	0.398	1.936	4.865	1540.	36.	11.	764.9	27.1	1
506	0	520	37.3046	88.6756	-1047.2	MCU	6.99	2.76	0.99	0.396	2.802	7.080	1582.	33.	5.	765.4	27.1	1
507	0	516	37.3051	88.6756	-1047.7	MCU	6.00	2.44	0.98	0.406	2.498	6.154	1531.	35.	9.	766.4	27.1	1
508	0	504	37.3058	88.6757	-1046.2	MCU	7.15	4.17	0.96	0.584	4.331	7.417	1603.	39.	5.	767.4	27.1	1
509	0	496	37.3064	88.6757	-1046.2	MCU	6.08	3.71	0.97	0.610	3.830	6.280	1508.	44.	7.	768.5	27.1	1
510	0	496	37.3070	88.6757	-1047.0	MCU	7.64	3.96	1.14	0.518	3.465	6.689	1545.	39.	3.	768.0	27.1	1
511	0	488	37.3075	88.6757	-1045.2	MCU	6.69	3.09	1.15	0.462	2.679	5.801	1579.	39.	5.	767.4	27.2	1
512	10	496	37.3082	88.6757	-1044.2	MCU	5.95	1.24	1.38	0.0	0.0	4.304	1538.	41.	7.	766.4	27.2	1
513	0	504	37.3087	88.6757	-1044.7	MCU	4.33	3.01	0.89	0.695	3.385	4.873	1563.	36.	5.	766.4	27.2	1
514	0	508	37.3094	88.6757	-1042.5	MCU	7.17	4.77	0.89	0.666	5.342	8.018	1531.	52.	3.	766.4	27.2	1
515	0	508	37.3100	88.6757	-1041.2	MCU	7.12	3.96	0.95	0.556	4.176	7.515	1459.	33.	3.	765.4	27.2	1
516	10	508	37.3106	88.6758	-1043.2	MCU	8.41	0.80	1.10	0.0	0.0	7.627	1553.	41.	6.	766.4	27.2	1
517	0	508	37.3112	88.6758	-1043.0	MCU	7.63	3.34	1.21	0.437	2.761	6.312	1654.	29.	3.	766.4	27.2	1
518	0	508	37.3118	88.6758	-1040.2	MCU	5.78	2.83	1.42	0.489	1.987	4.064	1588.	37.	6.	765.4	27.2	1
519	0	508	37.3123	88.6758	-1041.5	QAL	7.20	1.72	1.14	0.239	1.516	6.335	1631.	28.	6.	765.4	27.2	1
520	10	504	37.3130	88.6758	-1041.2	QAL	5.65	1.70	1.25	0.0	0.0	4.527	1552.	44.	10.	766.4	27.2	1
521	10	504	37.3136	88.6759	-1040.5	QAL	4.39	1.49	1.58	0.0	0.0	2.773	1520.	44.	6.	765.4	27.2	1
522	0	500	37.3142	88.6758	-1039.5	QAL	7.93	3.42	1.09	0.432	3.132	7.249	1532.	42.	0.	766.4	27.2	1
523	0	496	37.3148	88.6758	-1038.7	QAL	5.06	3.57	1.11	0.706	3.217	4.556	1531.	37.	6.	767.4	27.2	1
524	10	484	37.3154	88.6758	-1038.5	QAL	9.92	1.40	1.06	0.0	0.0	9.319	1512.	47.	5.	767.4	27.2	1
525	0	488	37.3160	88.6759	-1038.0	QAL	7.52	2.51	1.09	0.333	2.291	6.869	1582.	49.	8.	767.4	27.2	1
526	0	440	37.3166	88.6759	-1036.2	QAL	6.41	2.83	0.68	0.442	4.145	9.382	1328.	37.	6.	767.4	27.2	1
527	10	412	37.3172	88.6759	-1037.5	QAL	5.12	1.25	0.79	0.0	0.0	6.462	1158.	40.	7.	768.5	27.1	1
528	0	416	37.3178	88.6759	-1037.2	QAL	6.10	2.55	0.73	0.417	3.469	8.313	1253.	29.	5.	769.5	27.2	1
529	0	416	37.3184	88.6760	-1036.7	QAL	5.38	2.26	0.94	0.420	2.415	5.746	1275.	40.	7.	768.5	27.1	1
530	0	436	37.3190	88.6760	-1036.2	QAL	5.64	3.05	0.50	0.540	6.108	11.307	1253.	31.	4.	768.5	27.1	1

CP9 1P 12

*	TAGS		* LOCATION		*			REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
531	10	436	37.3196	88.6760	-1035.7		QAL	6.56	0.10	0.97	0.0	0.0	6.797	1206.	41.	8.	768.5	27.1	1
532	10	420	37.3202	88.6760	-1035.7		QAL	8.88	0.44	1.15	0.0	0.0	7.744	1302.	37.	4.	768.5	27.1	1
533	0	452	37.3208	88.6759	-1034.5		QAL	5.30	2.42	0.93	0.456	2.599	5.697	1337.	35.	7.	768.5	27.1	1
534	10	500	37.3214	88.6760	-1033.0		QAL	8.09	1.77	0.78	0.0	0.0	10.404	1422.	53.	6.	768.5	27.1	1
535	0	496	37.3220	88.6760	-1034.0		QAL	6.60	2.58	0.88	0.392	2.949	7.525	1422.	38.	6.	768.5	27.0	1
536	0	492	37.3226	88.6760	-1033.7		QAL	5.05	3.25	1.01	0.644	3.222	5.002	1348.	45.	10.	768.5	27.0	1
537	10	496	37.3232	88.6760	-1032.2		QAL	5.90	1.25	1.04	0.0	0.0	5.681	1382.	41.	12.	768.5	27.0	1
538	0	500	37.3239	88.6761	-1032.2		QAL	5.89	3.70	0.96	0.628	3.841	6.121	1366.	39.	6.	768.5	27.0	1
539	10	496	37.3244	88.6761	-1031.0		QAL	8.05	1.20	1.15	0.0	0.0	7.027	1411.	40.	7.	768.5	27.0	1
540	0	492	37.3250	88.6761	-1030.7		QAL	5.32	1.93	0.98	0.362	1.969	5.435	1317.	30.	7.	769.5	27.0	1
541	0	488	37.3256	88.6761	-1030.7		QAL	6.04	1.62	0.95	0.268	1.704	6.348	1293.	34.	7.	768.5	27.0	1
542	0	488	37.3262	88.6761	-1028.0		QAL	4.03	3.38	0.94	0.964	4.127	4.282	1263.	52.	5.	768.5	27.0	1
543	0	484	37.3268	88.6761	-1029.0		QAL	4.31	3.11	0.99	0.721	3.148	4.365	1314.	37.	5.	768.5	27.0	1
544	0	484	37.3274	88.6761	-1029.2		QAL	5.16	2.75	0.81	0.534	3.402	6.372	1197.	36.	5.	768.5	27.0	1
545	0	488	37.3280	88.6761	-1027.7		QAL	4.22	1.62	0.85	0.383	1.891	4.937	1281.	37.	8.	768.0	27.0	1
546	0	492	37.3287	88.6761	-1027.5		QAL	6.11	2.03	0.89	0.333	2.284	6.866	1272.	30.	5.	768.0	27.1	1
547	0	500	37.3292	88.6762	-1028.5		QAL	3.39	2.45	0.82	0.722	2.972	4.116	1167.	43.	6.	768.0	27.0	1
548	10	508	37.3298	88.6762	-1029.5		QAL	4.51	0.23	0.95	0.0	0.0	4.759	1014.	43.	5.	768.0	27.1	1
549	10	512	37.3304	88.6762	-1030.5		QAL	3.59	0.24	0.79	0.0	0.0	4.534	1005.	41.	9.	768.0	27.1	1
550	0	516	37.3311	88.6762	-1029.0		QAL	3.03	2.46	0.78	0.811	3.151	3.884	1000.	42.	5.	767.4	27.1	1
551	0	520	37.3316	88.6763	-1028.7		QAL	4.57	2.53	0.63	0.555	4.032	7.270	1141.	40.	5.	766.9	27.0	1
552	0	524	37.3323	88.6763	-1028.5		QAL	7.50	1.93	0.82	0.258	2.364	9.168	1252.	35.	4.	768.0	27.0	1
553	0	520	37.3329	88.6763	-1027.7		QAL	4.38	2.77	0.87	0.633	3.166	5.006	1238.	44.	8.	768.5	27.0	1
554	0	520	37.3335	88.6763	-1026.7		QAL	5.88	2.09	0.87	0.356	2.397	6.726	1334.	45.	7.	767.4	26.9	1
555	0	520	37.3340	88.6763	-1026.7		QAL	4.79	2.69	1.06	0.562	2.544	4.530	1365.	46.	11.	766.9	26.9	1
556	0	516	37.3347	88.6763	-1026.2		QAL	7.29	1.91	1.16	0.262	1.641	6.259	1535.	37.	10.	766.9	26.9	1
557	0	512	37.3353	88.6763	-1024.7		QAL	6.19	3.21	0.97	0.518	3.298	6.362	1570.	33.	9.	766.4	26.8	1
558	10	512	37.3359	88.6763	-1025.0		QAL	7.77	1.57	0.92	0.0	0.0	8.456	1438.	40.	11.	766.4	27.0	1
559	0	512	37.3365	88.6764	-1025.5		QAL	8.88	3.64	0.79	0.410	4.609	11.250	1427.	23.	8.	766.9	27.0	1
560	0	516	37.3371	88.6764	-1025.5		QAL	5.62	2.54	0.64	0.453	3.994	8.823	1297.	41.	12.	765.9	27.0	1
561	0	516	37.3377	88.6764	-1024.2		QAL	5.04	3.34	0.53	0.662	6.283	9.486	1224.	39.	9.	765.9	26.9	1
562	10	512	37.3383	88.6764	-1024.0		QAL	8.07	0.72	0.86	0.0	0.0	9.355	1291.	40.	7.	765.9	27.0	1
563	10	508	37.3389	88.6764	-1022.5		QAL	9.33	1.29	1.06	0.0	0.0	8.821	1372.	39.	7.	765.9	26.9	1
564	0	504	37.3395	88.6764	-1021.5		QAL	5.66	4.16	0.73	0.736	5.702	7.747	1447.	40.	5.	766.4	26.9	1
565	0	504	37.3401	88.6764	-1018.2		QAL	9.13	2.36	0.94	0.259	2.524	9.757	1523.	46.	6.	765.9	26.9	1
566	0	500	37.3407	88.6764	-1017.5		QAL	5.86	3.49	1.08	0.595	3.226	5.423	1434.	37.	5.	765.9	26.9	1
567	0	496	37.3413	88.6764	-1016.7		QAL	5.86	3.18	0.85	0.542	3.758	6.933	1300.	43.	3.	767.4	26.9	1
568	0	496	37.3419	88.6765	-1017.7		QAL	3.48	2.73	0.83	0.785	3.313	4.220	1339.	41.	8.	768.5	26.9	1
569	0	504	37.3425	88.6765	-1020.0		QAL	5.48	2.87	1.32	0.523	2.171	4.149	1421.	36.	5.	768.0	26.9	1
570	0	508	37.3431	88.6765	-1018.2		QAL	5.53	3.94	0.60	0.713	6.608	9.274	1366.	37.	9.	768.0	26.9	1
571	0	512	37.3437	88.6765	-1018.0		QAL	7.36	2.68	1.11	0.365	2.421	6.639	1461.	37.	4.	768.5	26.9	1
572	0	516	37.3443	88.6765	-1019.5		QAL	6.79	1.93	1.04	0.285	1.862	6.540	1493.	35.	8.	768.5	26.9	1
573	0	524	37.3449	88.6765	-1018.5		QAL	5.03	2.39	1.46	0.476	1.637	3.440	1648.	43.	10.	767.4	26.9	1
574	0	528	37.3455	88.6765	-1016.7		QAL	9.76	2.78	0.93	0.285	2.983	10.460	1574.	31.	5.	766.9	27.0	1
575	0	528	37.3461	88.6765	-1017.2		QAL	8.95	2.31	1.15	0.258	1.999	7.748	1547.	37.	4.	766.9	26.9	1
576	0	532	37.3467	88.6765	-1017.0		QAL	7.35	2.91	1.32	0.396	2.208	5.569	1580.	38.	5.	765.9	27.0	1
577	0	528	37.3473	88.6766	-1015.2		QAL	8.14	2.40	0.75	0.294	3.204	10.885	1563.	36.	5.	765.4	27.0	1
578	0	528	37.3479	88.6766	-1016.7		QAL	7.38	4.47	0.99	0.606	4.508	7.441	1661.	34.	5.	766.4	27.0	1
579	0	528	37.3485	88.6766	-1015.2		QAL	5.03	2.86	1.19	0.569	2.409	4.236	1577.	48.	6.	766.4	26.9	1
580	0	524	37.3492	88.6766	-1013.2		QAL	7.09	4.23	0.95	0.596	4.461	7.487	1681.	35.	6.	767.4	26.9	1
581	0	520	37.3497	88.6767	-1013.5		QAL	7.41	2.22	1.15	0.300	1.939	6.466	1551.	42.	10.	769.0	26.9	1
582	0	520	37.3504	88.6767	-1013.5		QAL	8.15	4.69	1.00	0.576	4.676	8.118	1625.	33.	4.	768.0	27.0	1
583	0	516	37.3509	88.6767	-1012.7		QAL	8.74	3.07	1.26	0.351	2.434	6.937	1592.	45.	7.	766.4	27.0	1

CP9 IP12

FLIGHT LINE 105 DAY 178 REDUCED DATA TEX-KENT 1979 PADUCAH PAGE NO 720

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
584	0	516	37.3515	88.6766	-1011.2	QAL	6.97	3.15	1.04	0.452	3.027	6.695	1514.	24.	12.	766.4	27.0	1
585	10	516	37.3521	88.6767	-1011.0	QAL	5.38	-0.02	1.14	0.0	0.0	4.735	1474.	38.	12.	766.4	26.9	1
586	10	512	37.3528	88.6767	-1013.5	QAL	7.38	1.68	0.89	0.0	0.0	8.276	1455.	43.	13.	766.4	27.0	1
587	0	504	37.3533	88.6767	-1017.0	MCU	3.15	4.07	0.75	1.291	5.388	4.175	1386.	46.	12.	767.4	27.0	1
588	10	488	37.3540	88.6767	-1015.2	MCU	5.64	1.60	0.84	0.0	0.0	6.686	1389.	29.	9.	767.4	27.0	1
589	0	488	37.3545	88.6767	-1011.5	MCU	5.97	1.80	0.88	0.301	2.037	6.772	1389.	40.	10.	767.4	27.0	1
590	0	496	37.3552	88.6768	-1012.0	MCU	6.15	3.60	0.92	0.586	3.917	6.687	1419.	39.	7.	768.5	27.0	1
591	0	468	37.3557	88.6768	-1011.2	MCU	6.17	3.37	0.83	0.546	4.065	7.443	1363.	45.	2.	768.5	27.0	1
592	0	448	37.3564	88.6768	-1010.5	MCU	4.81	2.32	1.03	0.482	2.255	4.676	1355.	31.	8.	768.5	27.0	1
593	0	392	37.3570	88.6768	-1008.2	MCU	2.40	3.28	0.89	1.364	3.682	2.700	1288.	42.	0.	767.4	27.0	1
594	0	384	37.3576	88.6768	-1009.0	MCU	5.42	1.48	0.89	0.272	1.660	6.093	1258.	41.	4.	766.4	27.0	1
595	0	380	37.3582	88.6768	-1008.5	MCU	4.06	2.82	0.77	0.694	3.666	5.283	1265.	41.	2.	766.4	27.0	1
596	0	360	37.3588	88.6768	-1007.7	MCU	5.91	3.56	0.60	0.602	5.929	9.855	1281.	41.	0.	766.4	27.1	1
597	0	348	37.3594	88.6768	-1007.2	MCU	4.07	3.52	0.73	0.865	4.792	5.538	1210.	31.	2.	766.4	27.1	1
598	0	364	37.3600	88.6769	-1006.2	MCU	6.01	2.59	0.74	0.430	3.474	8.079	1340.	40.	0.	766.4	27.1	1
599	10	412	37.3606	88.6769	-1004.5	MCU	10.10	1.09	0.98	0.0	0.0	10.317	1389.	42.	0.	766.4	27.0	1
600	10	428	37.3612	88.6769	-1004.7	MCU	5.73	1.13	1.35	0.0	0.0	4.254	1486.	50.	4.	768.5	27.0	1
601	0	416	37.3618	88.6769	-1004.0	MCU	6.91	1.47	0.90	0.213	1.628	7.634	1386.	45.	0.	768.5	27.0	1
602	0	428	37.3624	88.6769	-1003.7	MCU	5.21	2.95	1.18	0.566	2.496	4.407	1490.	40.	3.	768.5	27.0	1
603	0	440	37.3630	88.6770	-1004.7	MCU	6.20	3.58	0.92	0.578	3.915	6.772	1430.	35.	2.	768.5	26.9	1
604	0	464	37.3636	88.6770	-1003.7	MCU	6.11	4.08	1.23	0.667	3.314	4.971	1567.	29.	0.	767.4	26.9	1
605	0	472	37.3642	88.6770	-1002.2	MCU	6.41	2.41	1.30	0.375	1.855	4.944	1547.	24.	5.	766.4	26.9	1
606	0	428	37.3648	88.6770	-1002.5	MCU	5.12	2.96	0.93	0.578	3.183	5.506	1360.	39.	4.	766.4	26.9	1
607	0	412	37.3654	88.6770	-1001.5	MCU	7.02	2.03	0.98	0.289	2.066	7.149	1359.	42.	5.	766.4	27.0	1
608	0	428	37.3660	88.6770	-1000.0	PPCV	6.77	2.41	0.98	0.356	2.450	6.881	1395.	40.	6.	766.4	27.1	1
609	0	468	37.3666	88.6770	-1000.2	PPCV	4.61	2.32	1.04	0.504	2.240	4.442	1559.	28.	9.	767.4	27.1	1
610	0	468	37.3672	88.6770	-1000.0	PPCV	7.24	4.19	0.91	0.579	4.591	7.927	1475.	40.	6.	767.4	27.1	1
611	0	460	37.3678	88.6771	-999.5	PPCV	6.84	2.66	1.07	0.389	2.493	6.405	1502.	40.	12.	767.4	27.1	1
612	10	460	37.3684	88.6771	-1001.2	PPCV	5.30	.52	1.20	0.0	0.0	4.409	1576.	46.	11.	767.4	27.1	1
613	10	472	37.3690	88.6771	-1000.2	PPCV	8.06	1.73	1.01	0.0	0.0	7.988	1501.	42.	11.	766.9	27.1	1
614	10	492	37.3696	88.6771	-1000.0	QAL	6.47	0.61	1.25	0.0	0.0	5.187	1576.	42.	12.	765.9	27.1	1
615	0	504	37.3702	88.6771	-999.2	QAL	7.59	3.68	0.86	0.484	4.297	8.869	1615.	35.	10.	765.9	27.0	1
616	0	508	37.3708	88.6771	-999.0	QAL	8.77	2.26	1.25	0.258	1.808	7.006	1596.	35.	9.	765.9	27.1	1
617	0	508	37.3714	88.6771	-998.5	QAL	5.42	3.62	0.96	0.669	3.770	5.635	1495.	25.	7.	766.9	27.0	1
618	0	504	37.3721	88.6771	-997.7	QAL	5.75	2.06	0.96	0.359	2.138	5.961	1445.	37.	8.	766.9	27.0	1
619	0	500	37.3726	88.6771	-997.0	QAL	4.73	4.04	1.09	0.854	3.694	4.326	1552.	38.	8.	768.0	26.9	1
620	10	496	37.3732	88.6772	-996.5	QAL	7.13	1.39	1.22	0.0	0.0	5.854	1461.	36.	4.	768.0	26.9	1
621	0	496	37.3738	88.6772	-994.5	QAL	5.45	4.66	1.02	0.856	4.553	5.320	1491.	38.	3.	768.0	26.9	1
622	0	492	37.3744	88.6772	-994.7	QAL	5.47	3.48	1.05	0.635	3.322	5.228	1453.	42.	3.	768.0	27.0	1
623	0	492	37.3750	88.6772	-995.7	QAL	5.31	4.24	1.04	0.797	4.056	5.088	1448.	29.	4.	768.0	27.0	1
624	0	496	37.3757	88.6772	-995.0	QAL	5.87	2.34	1.16	0.400	2.017	5.046	1516.	34.	5.	766.9	27.1	1
625	0	492	37.3762	88.6772	-994.0	QAL	6.92	4.85	0.82	0.701	5.926	8.450	1537.	31.	3.	766.9	27.1	1
626	0	496	37.3769	88.6772	-993.5	QAL	8.21	4.17	0.64	0.508	6.533	12.863	1509.	44.	4.	765.9	27.1	1
627	0	504	37.3774	88.6772	-992.0	QAL	7.76	2.62	1.00	0.337	2.607	7.731	1595.	42.	4.	764.9	27.1	1
628	0	508	37.3781	88.6772	-991.0	QAL	5.18	4.96	1.04	0.958	4.793	5.001	1546.	34.	7.	764.9	27.1	1
629	0	512	37.3786	88.6773	-990.2	MCL	6.27	3.12	0.98	0.497	3.168	6.379	1530.	37.	8.	765.4	27.1	1
630	0	516	37.3793	88.6773	-990.2	MCL	5.63	2.81	0.90	0.499	3.114	6.235	1485.	45.	7.	765.4	27.1	1
631	10	520	37.3799	88.6773	-991.7	MCL	6.92	1.67	0.97	0.0	0.0	7.112	1460.	39.	4.	765.4	27.1	1
632	0	520	37.3805	88.6773	-991.7	MCL	6.31	6.09	0.82	0.965	7.399	7.670	1458.	43.	0.	766.4	27.1	1
633	0	516	37.3810	88.6774	-991.0	MCL	7.50	3.40	1.13	0.453	3.008	6.640	1429.	41.	0.	766.4	27.1	1
634	0	512	37.3817	88.6774	-990.5	MCL	4.79	2.80	1.00	0.584	2.788	4.777	1413.	37.	1.	766.4	27.1	1
635	0	448	37.3823	88.6774	-988.2	MCL	4.59	2.98	0.54	0.650	5.478	8.428	1134.	40.	1.	766.4	27.1	1
636	0	416	37.3829	88.6774	-986.7	MCL	5.96	1.46	0.73	0.245	1.987	8.115	1087.	32.	2.	767.4	27.1	1

CP9 IP 12
CP6 IP 12

*	TAGS			* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
637	0	392	37.3835	88.6775	-987.5		MCL	4.44	2.23	0.75	0.502	2.965	5.911	1114.	35.	0.	766.4	27.1	1
638	0	424	37.3841	88.6775	-988.0		PPCV	4.99	2.72	0.94	0.546	2.902	5.319	1269.	42.	1.	765.4	27.1	1
639	10	440	37.3847	88.6775	-985.5		PPCV	5.49	1.11	1.07	0.0	0.0	5.113	1327.	46.	4.	765.4	27.1	1
640	0	432	37.3853	88.6774	-983.5		MCU	6.08	2.49	0.73	0.410	3.437	8.385	1271.	34.	8.	765.4	27.1	1
641	0	432	37.3859	88.6774	-982.0		MCU	7.43	2.71	0.88	0.365	3.094	8.467	1327.	41.	11.	764.3	27.1	1
642	10	444	37.3865	88.6774	-983.2		MCU	4.81	1.38	0.84	0.0	0.0	5.699	1285.	38.	15.	765.4	27.1	1
643	0	412	37.3870	88.6774	-987.2		MCU	4.62	1.61	0.79	0.348	2.034	5.841	1264.	33.	12.	766.9	27.1	1
644	10	400	37.3876	88.6774	-987.2		MCU	6.21	1.09	0.79	0.0	0.0	7.833	1239.	31.	15.	766.9	27.1	1
645	10	392	37.3882	88.6774	-985.5		MCU	6.80	1.06	0.97	0.0	0.0	7.004	1345.	42.	12.	766.9	27.0	1
646	0	400	37.3887	88.6774	-983.5		MCU	5.48	2.62	0.91	0.478	2.884	6.036	1375.	31.	10.	768.0	27.1	1
647	0	404	37.3893	88.6774	-981.7		MCU	5.97	2.38	0.95	0.399	2.514	6.305	1495.	47.	12.	767.4	27.0	1
648	0	420	37.3899	88.6774	-980.2		MCU	7.13	1.94	1.28	0.272	1.516	5.582	1569.	38.	8.	766.4	27.0	1
649	10	428	37.3905	88.6774	-980.5		MCU	6.89	0.66	1.31	0.0	0.0	5.263	1557.	40.	11.	765.4	27.0	1
650	0	424	37.3910	88.6774	-980.0		MCU	6.59	2.87	1.08	0.435	2.648	6.090	1529.	36.	7.	765.4	27.0	1
651	0	424	37.3915	88.6774	-977.5		MCU	7.57	2.90	1.13	0.383	2.555	6.670	1542.	47.	5.	766.4	27.0	1
652	0	424	37.3921	88.6774	-976.7		MCU	6.40	2.29	1.08	0.358	2.120	5.921	1549.	33.	6.	767.4	27.0	1
653	0	428	37.3927	88.6772	-976.7		MCU	5.77	4.91	0.84	0.851	5.870	6.895	1507.	40.	4.	767.4	27.0	1
654	0	428	37.3933	88.6772	-976.7		MCU	6.01	2.18	1.23	0.363	1.772	4.886	1515.	41.	9.	767.4	27.0	1
655	0	404	37.3939	88.6772	-975.5		MCU	7.28	1.89	0.84	0.260	2.243	8.628	1363.	36.	7.	767.4	27.0	1
656	0	388	37.3944	88.6772	-974.5		MCU	6.18	3.01	0.77	0.487	3.932	8.067	1379.	54.	9.	767.4	27.1	1
657	0	388	37.3950	88.6772	-973.2		MCU	7.62	3.07	0.66	0.403	4.667	11.577	1443.	39.	7.	766.4	27.0	1
658	0	376	37.3956	88.6772	-969.5		MCU	7.54	2.09	1.10	0.278	1.903	6.853	1542.	44.	9.	765.4	27.1	1
659	0	364	37.3961	88.6772	-969.7		MCU	6.01	1.39	1.31	0.231	1.057	4.575	1564.	28.	12.	766.4	27.1	1
660	0	368	37.3967	88.6771	-973.7		MCU	6.60	2.54	1.06	0.384	2.389	6.217	1563.	35.	10.	766.4	27.1	1
661	10	392	37.3972	88.6771	-972.0		MCU	7.38	1.35	1.23	0.0	0.0	5.992	1562.	46.	7.	766.4	27.1	1
662	0	416	37.3978	88.6771	-970.7		QAL	6.61	4.53	1.03	0.686	4.392	6.404	1554.	45.	8.	767.4	27.1	1
663	0	432	37.3984	88.6771	-972.0		QAL	8.62	2.04	0.88	0.237	2.331	9.848	1542.	34.	8.	768.5	27.1	1
664	0	436	37.3989	88.6771	-968.2		QAL	5.78	2.98	1.09	0.516	2.745	5.326	1531.	38.	11.	768.5	27.1	1
665	0	440	37.3995	88.6771	-967.5		QAL	4.76	2.05	0.75	0.430	2.717	6.318	1359.	36.	13.	769.0	27.0	1
666	0	384	37.4001	88.6771	-969.5		QAL	3.48	1.97	0.87	0.565	2.270	4.018	1152.	35.	11.	769.0	27.0	1
667	0	404	37.4007	88.6771	-966.7		QAL	2.96	3.25	0.71	1.096	4.562	4.165	1174.	41.	9.	768.0	27.0	1
668	10	464	37.4012	88.6771	-965.7		MCU	7.07	0.62	0.85	0.0	0.0	8.303	1246.	38.	11.	766.9	27.0	1
669	10	464	37.4018	88.6771	-966.2		MCU	5.59	1.34	0.90	0.0	0.0	6.206	1350.	40.	13.	766.4	27.0	1
670	0	464	37.4023	88.6770	-966.0		MCU	4.87	2.73	0.69	0.560	3.946	7.049	1300.	40.	12.	766.4	27.0	1
671	10	464	37.4029	88.6770	-964.0		MCU	7.77	1.70	1.08	0.0	0.0	7.218	1404.	35.	12.	766.4	27.0	1
672	10	456	37.4035	88.6770	-962.2		MCU	5.53	1.58	0.95	0.0	0.0	5.811	1440.	44.	10.	766.4	27.0	1
673	0	432	37.4041	88.6770	-963.0		MCU	6.55	2.73	0.77	0.417	3.525	8.461	1460.	43.	8.	767.4	27.0	1
674	0	420	37.4046	88.6770	-961.2		MCU	6.83	3.11	0.86	0.456	3.629	7.957	1401.	35.	6.	767.4	27.0	1
675	0	372	37.4052	88.6769	-960.5		MCU	6.61	2.92	0.84	0.442	3.479	7.872	1304.	29.	3.	768.5	27.0	1
676	0	376	37.4058	88.6769	-960.2		MCU	8.20	1.50	0.89	0.184	1.695	9.231	1444.	38.	9.	769.5	27.0	1
677	0	384	37.4064	88.6769	-960.0		MCU	8.24	1.86	1.09	0.225	1.696	7.527	1538.	25.	6.	769.5	27.0	1
678	10	392	37.4069	88.6769	-958.5		MCU	8.66	1.23	0.98	0.0	0.0	8.870	1473.	44.	9.	768.5	27.0	1
679	0	392	37.4075	88.6769	-957.7		MCU	6.23	2.13	1.03	0.342	2.071	6.057	1547.	40.	10.	767.4	27.0	1
680	0	396	37.4080	88.6768	-957.0		MCU	5.58	2.55	1.26	0.456	2.026	4.437	1505.	27.	11.	766.4	27.0	1
681	10	404	37.4086	88.6768	-955.7		MCU	6.78	-0.32	1.11	0.0	0.0	6.093	1599.	37.	15.	766.4	27.0	1
682	0	412	37.4092	88.6768	-955.5		MCU	6.72	2.96	1.29	0.441	2.291	5.201	1470.	48.	8.	765.4	27.0	1
683	0	424	37.4097	88.6768	-955.2		MCU	6.78	2.92	0.85	0.431	3.458	8.021	1469.	40.	10.	765.4	26.9	1
684	0	440	37.4103	88.6768	-954.7		MCU	5.91	2.48	1.14	0.420	2.186	5.201	1424.	42.	6.	765.4	27.0	1
685	0	456	37.4109	88.6768	-954.0		MCU	6.01	2.15	1.03	0.358	2.088	5.837	1523.	43.	8.	765.4	27.0	1
686	10	472	37.4115	88.6768	-952.2		MCU	7.15	1.60	0.91	0.0	0.0	7.827	1321.	52.	7.	766.4	27.0	1
687	0	436	37.4120	88.6767	-952.0		MCU	4.97	2.22	0.75	0.446	2.959	6.638	1234.	45.	9.	766.4	27.0	1
688	10	436	37.4126	88.6767	-951.0		MCU	4.74	1.44	0.84	0.0	0.0	5.668	1259.	29.	11.	767.4	27.0	1
689	0	444	37.4132	88.6767	-950.5		MCU	5.09	2.91	0.68	0.572	4.302	7.515	1146.	47.	10.	767.4	27.0	1

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
690	0	448	37.4137	88.6767	-950.2	MCU	2.37	2.98	0.76	1.254	3.897	3.109	1064.	46.	7.	766.4	26.9	1
691	0	448	37.4143	88.6767	-949.5	MCU	3.74	1.99	0.82	0.531	2.423	4.567	1177.	41.	8.	766.4	26.9	1
692	0	456	37.4148	88.6766	-947.2	MCU	3.84	3.73	0.68	0.970	5.476	5.648	1234.	28.	6.	765.4	26.8	1
693	0	456	37.4154	88.6766	-947.2	MCU	4.76	3.33	0.64	0.701	5.235	7.470	1223.	31.	9.	764.3	26.8	1
694	0	452	37.4160	88.6766	-947.0	MCU	4.85	2.49	0.60	0.514	4.130	8.036	1237.	33.	11.	764.3	26.8	1
695	10	452	37.4165	88.6766	-946.7	MCU	3.82	1.19	0.86	0.0	0.0	4.454	1286.	38.	12.	764.3	26.6	1
696	0	456	37.4171	88.6766	-945.7	MCU	6.07	3.64	0.62	0.600	5.901	9.835	1285.	38.	2.	764.9	26.6	1
697	0	452	37.4177	88.6766	-944.5	MCU	3.91	1.95	1.16	0.500	1.680	3.358	1310.	36.	9.	765.9	26.6	1
698	0	464	37.4183	88.6765	-943.7	MCU	5.55	2.42	0.95	0.436	2.560	5.873	1329.	44.	10.	765.9	26.8	1
699	10	516	37.4188	88.6765	-943.0	MCU	6.58	1.45	0.94	0.0	0.0	7.041	1418.	46.	10.	765.9	26.8	1
700	0	512	37.4194	88.6765	-942.2	MCU	3.96	2.69	0.78	0.679	3.440	5.066	1323.	42.	12.	764.9	26.8	1
701	0	468	37.4199	88.6765	-941.0	MCU	7.15	2.30	0.85	0.321	2.694	8.382	1345.	36.	2.	763.3	26.7	1
702	0	444	37.4205	88.6765	-939.7	MCU	6.93	2.11	0.95	0.304	2.206	7.263	1283.	33.	9.	763.8	26.7	1
703	0	428	37.4211	88.6765	-939.0	MCU	4.88	2.48	0.77	0.509	3.243	6.370	1232.	31.	7.	764.3	26.8	1
704	0	408	37.4217	88.6765	-938.7	MCU	5.40	2.84	0.72	0.525	3.953	7.527	1163.	43.	7.	764.3	26.8	1
705	0	412	37.4222	88.6765	-938.5	MCU	4.54	1.74	0.60	0.383	2.903	7.585	1092.	41.	8.	765.4	26.8	1
706	10	444	37.4228	88.6765	-938.0	MCU	5.14	1.21	0.56	0.0	0.0	9.118	1038.	43.	11.	765.4	26.7	1
707	0	480	37.4234	88.6764	-938.2	MCU	2.81	2.81	0.84	1.002	3.364	3.359	1125.	49.	11.	765.4	26.6	1
708	10	476	37.4240	88.6764	-937.2	MCU	3.86	1.67	0.48	0.0	0.0	8.009	998.	52.	15.	765.4	26.7	1
709	0	452	37.4245	88.6764	-935.0	MCU	4.36	2.07	0.62	0.475	3.334	7.013	1086.	30.	9.	763.8	26.7	1
710	0	432	37.4250	88.6764	-934.5	MCU	5.16	1.73	0.61	0.335	2.822	8.419	1081.	44.	11.	763.8	26.7	1
711	0	412	37.4256	88.6764	-933.2	MCU	5.62	3.68	0.44	0.656	8.350	12.734	1168.	28.	8.	764.3	26.6	1
712	10	416	37.4262	88.6764	-931.7	MCU	5.73	0.55	1.09	0.0	0.0	5.240	1305.	38.	10.	765.4	26.6	1
713	0	440	37.4268	88.6764	-932.5	MCU	6.76	2.64	0.83	0.390	3.183	8.154	1396.	26.	10.	766.4	26.6	1
714	0	416	37.4274	88.6764	-931.2	MCU	6.27	3.29	0.93	0.525	3.536	6.732	1407.	46.	7.	765.9	26.6	1
715	0	432	37.4279	88.6763	-930.5	MCU	8.50	2.09	1.19	0.246	1.756	7.137	1565.	40.	5.	764.9	26.6	1
716	0	456	37.4285	88.6763	-929.7	MCU	6.54	3.17	0.83	0.485	3.835	7.901	1557.	48.	9.	764.9	26.7	1
717	0	460	37.4291	88.6763	-929.0	MCU	7.89	3.84	1.07	0.487	3.588	7.373	1671.	43.	3.	764.3	26.8	1
718	0	468	37.4297	88.6763	-928.2	MCU	8.69	3.95	1.16	0.454	3.394	7.476	1634.	39.	8.	763.3	26.7	1
719	0	472	37.4302	88.6763	-927.5	MCU	5.57	2.55	1.34	0.457	1.904	4.163	1603.	44.	9.	764.3	26.6	1
720	10	476	37.4307	88.6762	-925.7	MCU	7.43	1.09	1.09	0.0	0.0	6.795	1628.	30.	9.	765.9	26.6	1
721	10	472	37.4313	88.6762	-924.7	MCU	6.62	0.59	1.47	0.0	0.0	4.503	1657.	43.	5.	765.9	26.6	1
722	0	472	37.4319	88.6762	-923.2	MCU	6.29	4.53	0.86	0.720	5.261	7.306	1608.	47.	4.	765.9	26.6	1
723	0	468	37.4325	88.6762	-922.5	MCU	7.48	2.24	1.35	0.299	1.656	5.533	1733.	27.	8.	764.9	26.7	1
724	0	472	37.4330	88.6762	-922.7	MCU	6.88	2.30	0.97	0.335	2.376	7.099	1504.	46.	10.	764.3	26.8	1
725	0	464	37.4336	88.6762	-921.7	MCU	8.86	3.79	0.70	0.428	5.388	12.595	1513.	37.	5.	763.8	26.8	1
726	0	464	37.4342	88.6761	-920.2	MCU	7.23	3.10	0.91	0.429	3.395	7.909	1581.	34.	6.	763.8	26.8	1
727	0	456	37.4347	88.6761	-920.2	MCU	5.64	2.97	1.03	0.527	2.875	5.454	1484.	37.	12.	764.9	26.8	1
728	10	408	37.4353	88.6761	-919.2	MCU	6.19	1.28	0.81	0.0	0.0	7.646	1376.	40.	12.	765.9	26.8	1
729	10	388	37.4359	88.6761	-917.2	MCU	8.18	0.24	0.81	0.0	0.0	10.062	1422.	31.	11.	766.4	26.7	1
730	10	380	37.4364	88.6761	-917.0	MCU	5.84	1.41	0.90	0.0	0.0	6.493	1402.	30.	12.	766.4	26.7	1
731	0	364	37.4370	88.6761	-915.2	MCU	6.43	2.49	0.86	0.388	2.898	7.477	1333.	48.	8.	764.3	26.7	1
732	0	360	37.4375	88.6760	-914.0	MCU	6.04	1.68	0.93	0.278	1.814	6.513	1344.	31.	11.	763.3	26.7	1
733	10	384	37.4381	88.6760	-914.0	MCU	6.97	0.83	0.81	0.0	0.0	8.598	1358.	43.	7.	764.9	26.7	1
734	0	400	37.4387	88.6760	-913.2	MCU	6.32	3.12	0.65	0.493	4.827	9.786	1418.	40.	9.	765.9	26.8	1
735	10	424	37.4393	88.6760	-912.2	MCU	8.03	0.96	1.20	0.0	0.0	6.710	1510.	46.	5.	766.4	26.8	1
736	0	432	37.4398	88.6760	-911.7	MCU	5.94	2.92	1.23	0.492	2.380	4.839	1586.	37.	3.	766.4	26.8	1
737	0	436	37.4404	88.6759	-911.0	MCU	6.55	3.50	0.88	0.534	3.993	7.473	1518.	46.	0.	765.4	26.8	1
738	0	448	37.4409	88.6759	-909.2	MCU	5.70	3.23	0.96	0.566	3.379	5.967	1486.	42.	0.	764.3	26.8	1
739	0	464	37.4415	88.6759	-908.7	MCU	8.64	3.77	1.00	0.437	3.766	8.624	1473.	47.	1.	764.3	26.8	1
740	0	448	37.4421	88.6759	-906.7	MCU	6.11	1.67	0.97	0.273	1.716	6.277	1422.	48.	5.	765.4	26.9	1
741	0	472	37.4427	88.6759	-905.7	MCU	7.01	2.79	1.15	0.398	2.430	6.110	1530.	47.	2.	766.4	26.8	1
742	0	468	37.4432	88.6759	-906.2	MCU	7.34	3.52	1.05	0.479	3.348	6.987	1589.	33.	3.	766.4	26.8	1

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*	TAGS		* LOCATION		*			REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
743	0	468	37.4438	88.6758	-904.7		MCU	6.27	3.39	1.25	0.540	2.715	5.024	1507.	40.	2.	766.4	26.8	1
744	0	476	37.4444	88.6758	-903.0		MCU	7.23	3.40	0.96	0.470	3.522	7.497	1613.	31.	5.	764.3	26.8	1
745	10	480	37.4450	88.6758	-902.5		MCU	6.67	0.90	1.25	0.0	0.0	5.315	1612.	28.	10.	763.8	26.8	1
746	0	472	37.4455	88.6758	-902.2		MCU	6.79	2.93	1.10	0.431	2.666	6.187	1604.	34.	7.	764.3	26.8	1
747	10	480	37.4461	88.6758	-900.5		MCU	6.90	0.52	1.10	0.0	0.0	6.251	1623.	34.	10.	765.4	26.8	1
748	10	496	37.4466	88.6758	-899.5		MCU	6.41	1.77	1.00	0.0	0.0	6.396	1606.	40.	11.	766.4	26.9	1
749	0	500	37.4472	88.6758	-899.5		MCU	7.17	3.07	1.22	0.429	2.524	5.886	1738.	27.	7.	766.4	26.9	1
750	0	500	37.4478	88.6758	-898.7		MCU	10.35	2.55	1.24	0.246	2.053	8.338	1656.	36.	7.	764.9	26.9	1
751	0	508	37.4483	88.6758	-897.5		MCU	9.29	2.89	1.21	0.311	2.388	7.675	1733.	35.	5.	763.8	26.9	1
752	0	516	37.4489	88.6758	-896.2		MCU	6.25	2.59	0.77	0.415	3.380	8.149	1546.	35.	5.	764.9	27.1	1
753	0	520	37.4495	88.6758	-894.5		QAL	9.19	3.48	1.27	0.379	2.733	7.206	1647.	46.	0.	766.4	27.1	1
754	0	528	37.4501	88.6757	-895.0		QAL	6.21	2.56	1.20	0.412	2.134	5.176	1602.	37.	1.	766.4	27.1	1
755	0	540	37.4507	88.6757	-893.2		QAL	7.91	2.25	1.14	0.284	1.979	6.969	1487.	40.	2.	764.3	27.1	1
756	0	560	37.4512	88.6757	-893.2		QAL	7.69	3.91	0.97	0.508	4.041	7.952	1581.	29.	0.	762.8	27.1	1
757	0	564	37.4517	88.6757	-892.7		QAL	6.43	3.87	1.06	0.603	3.657	6.066	1484.	37.	1.	764.3	27.0	1
758	0	564	37.4523	88.6757	-891.7		QAL	7.03	4.99	1.16	0.709	4.315	6.089	1486.	34.	0.	764.3	27.1	1
759	10	544	37.4529	88.6757	-891.2		QAL	7.64	1.34	1.12	0.0	0.0	6.851	1452.	51.	4.	764.3	27.1	1
760	10	524	37.4535	88.6756	-889.2		QAL	8.22	1.68	0.87	0.0	0.0	9.408	1380.	34.	2.	764.3	27.1	1
761	0	544	37.4540	88.6756	-888.5		QAL	8.05	3.44	1.06	0.428	3.262	7.625	1593.	38.	4.	763.8	27.1	1
762	0	548	37.4546	88.6756	-889.0		QAL	7.07	4.10	1.10	0.580	3.727	6.428	1631.	41.	7.	762.8	27.1	1
763	0	548	37.4552	88.6756	-887.0		MCU	6.83	3.25	1.47	0.476	2.213	4.651	1656.	36.	8.	764.3	27.1	1
764	10	536	37.4557	88.6756	-885.2		MCU	5.45	1.91	1.32	0.0	0.0	4.137	1583.	36.	14.	765.4	27.1	1
765	10	528	37.4563	88.6755	-883.5		MCU	5.85	1.62	1.03	0.0	0.0	5.703	1506.	42.	13.	765.4	27.1	1
766	10	524	37.4569	88.6755	-883.2		MCU	6.32	0.44	1.32	0.0	0.0	4.770	1689.	20.	17.	763.8	27.1	1
767	0	524	37.4574	88.6755	-882.2		MCU	5.94	2.77	1.16	0.467	2.399	5.141	1609.	42.	12.	763.8	27.0	1
768	10	512	37.4580	88.6755	-881.2		MCU	8.30	1.71	1.18	0.0	0.0	7.064	1586.	34.	15.	764.3	27.0	1
769	0	520	37.4586	88.6755	-881.2		MCU	8.30	3.57	1.06	0.430	3.375	7.845	1634.	42.	10.	766.4	27.0	1
770	10	512	37.4591	88.6755	-879.2		MCU	8.00	1.60	0.88	0.0	0.0	9.120	1665.	45.	7.	766.4	27.1	1
771	0	512	37.4597	88.6754	-877.7		MCU	7.38	3.42	1.25	0.464	2.745	5.922	1644.	50.	6.	764.3	27.0	1
772	0	500	37.4603	88.6754	-876.5		MCU	6.47	3.28	1.02	0.507	3.233	6.376	1616.	46.	2.	763.8	27.1	1
773	0	492	37.4608	88.6754	-876.0		MCU	8.66	2.39	1.29	0.276	1.856	6.734	1655.	37.	4.	765.4	27.1	1
774	0	480	37.4614	88.6754	-874.2		MCU	7.57	4.34	1.07	0.574	4.053	7.065	1658.	35.	3.	766.4	27.1	1
775	0	480	37.4620	88.6754	-873.7		MCU	7.41	3.87	0.90	0.523	4.326	8.279	1587.	43.	2.	766.4	27.1	1
776	0	480	37.4625	88.6754	-872.7		MCU	8.20	3.66	1.40	0.447	2.621	5.869	1568.	46.	3.	765.4	27.0	1
777	10	472	37.4631	88.6754	-872.5		MCU	7.83	0.91	1.11	0.0	0.0	7.026	1572.	50.	6.	764.3	27.0	1
778	10	476	37.4637	88.6754	-869.5		MCU	4.96	1.46	1.47	0.0	0.0	3.362	1598.	53.	5.	765.4	27.0	1
779	0	472	37.4643	88.6754	-869.0		MCU	5.48	5.31	0.90	0.969	5.917	6.103	1585.	29.	3.	765.4	26.9	1
780	0	472	37.4649	88.6754	-869.2		MCU	7.26	3.42	1.13	0.471	3.018	6.405	1645.	26.	4.	766.4	27.0	1
781	0	472	37.4654	88.6754	-867.5		MCU	6.35	3.23	1.12	0.508	2.883	5.670	1654.	35.	6.	766.4	27.0	1
782	0	460	37.4660	88.6754	-867.0		MCU	6.81	3.25	1.15	0.478	2.832	5.923	1600.	35.	5.	763.8	27.1	1
783	0	448	37.4666	88.6754	-865.7		MCU	9.16	2.30	1.27	0.251	1.804	7.182	1653.	28.	6.	763.8	27.0	1
784	0	448	37.4672	88.6754	-866.0		MCU	7.72	2.35	1.27	0.305	1.847	6.061	1604.	45.	6.	765.4	27.0	1
785	0	460	37.4677	88.6754	-865.5		MCU	8.48	3.11	0.90	0.367	3.439	9.377	1669.	44.	6.	766.4	27.0	1
786	10	472	37.4683	88.6754	-863.5		MCU	5.92	1.34	1.34	0.0	0.0	4.434	1524.	46.	8.	765.4	26.9	1
787	0	480	37.4689	88.6753	-862.5		MCU	6.68	3.60	0.96	0.538	3.754	6.975	1509.	30.	8.	763.3	26.9	1
788	0	500	37.4695	88.6753	-863.0		MCU	5.18	2.17	0.89	0.419	2.433	5.804	1368.	46.	15.	763.8	26.9	1
789	10	544	37.4701	88.6753	-860.5		MCU	5.14	0.62	0.99	0.0	0.0	5.186	1474.	49.	15.	765.4	26.9	1
790	10	576	37.4707	88.6753	-859.7		MCU	6.79	0.49	1.09	0.0	0.0	6.199	1511.	55.	16.	765.4	26.9	1
791	10	580	37.4712	88.6753	-858.2		MCU	8.72	-0.13	1.25	0.0	0.0	6.982	1535.	37.	18.	763.8	26.8	1
792	10	588	37.4718	88.6753	-856.2		QAL	6.36	1.88	1.14	0.0	0.0	5.571	1583.	39.	16.	763.3	26.8	1
793	10	592	37.4724	88.6753	-855.5		QAL	6.83	0.59	1.24	0.0	0.0	5.495	1680.	27.	16.	763.3	26.7	1
794	10	592	37.4730	88.6753	-855.5		QAL	7.90	1.90	1.17	0.0	0.0	6.773	1721.	29.	13.	764.3	26.7	1
795	10	596	37.4735	88.6753	-854.2		QAL	7.33	1.85	1.13	0.0	0.0	6.484	1687.	43.	13.	764.3	26.6	1

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TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
796	0	592	37.4741	88.6753	-853.0	QAL	7.15	4.28	1.06	0.599	4.053	6.771	1696.	28.	9.	762.8	26.6	1
797	10	576	37.4747	88.6753	-851.2	QAL	7.30	1.71	1.10	0.0	0.0	6.616	1588.	43.	9.	762.3	26.6	1
798	10	564	37.4753	88.6753	-851.2	QAL	9.60	1.77	0.66	0.0	0.0	14.636	1556.	37.	11.	763.3	26.7	1
799	0	548	37.4759	88.6753	-851.5	MCU	6.25	2.95	0.89	0.472	3.323	7.037	1386.	37.	12.	764.3	26.7	1
800	0	480	37.4765	88.6753	-850.7	MCU	4.32	1.78	0.70	0.411	2.550	6.199	1200.	41.	12.	763.8	26.7	1
801	10	436	37.4770	88.6754	-849.7	MCU	7.06	0.61	0.42	0.0	0.0	16.820	1075.	43.	14.	762.8	26.6	1
802	0	388	37.4776	88.6754	-847.2	MCU	4.91	2.71	0.27	0.553	9.971	18.041	1004.	24.	13.	762.8	26.6	1
803	0	352	37.4782	88.6754	-846.7	MCU	3.14	1.42	0.73	0.451	1.944	4.310	1051.	37.	11.	763.8	26.8	1
804	0	364	37.4787	88.6754	-844.7	PPCV	4.09	3.21	0.81	0.784	3.949	5.037	1247.	36.	8.	762.8	26.8	1
805	0	340	37.4793	88.6754	-844.2	PPCV	4.95	2.53	0.89	0.511	2.842	5.564	1281.	31.	9.	761.8	26.8	1
806	0	332	37.4799	88.6754	-844.0	PPCV	6.90	2.32	0.87	0.336	2.679	7.970	1266.	33.	9.	762.8	26.7	1
807	0	340	37.4805	88.6754	-842.5	PPCV	4.41	2.71	0.91	0.615	2.979	4.840	1283.	32.	8.	764.3	26.6	1
808	0	340	37.4811	88.6754	-842.7	PPCV	4.93	2.61	0.77	0.529	3.398	6.419	1317.	41.	8.	764.3	26.6	1
809	0	344	37.4817	88.6754	-840.5	PPCV	6.28	3.57	0.73	0.568	4.920	8.660	1321.	37.	3.	762.8	26.6	1
810	0	356	37.4823	88.6754	-838.5	PPCV	7.19	1.76	0.87	0.244	2.029	8.305	1435.	33.	6.	761.8	26.6	1
811	0	372	37.4828	88.6753	-837.7	PPCV	4.86	4.23	1.05	0.870	4.037	4.639	1404.	53.	4.	763.8	26.6	1
812	0	380	37.4834	88.6753	-837.5	PPCV	6.70	1.94	1.01	0.289	1.915	6.622	1409.	44.	7.	764.3	26.7	1
813	0	388	37.4840	88.6753	-837.5	PPCV	6.27	3.13	0.95	0.499	3.303	6.615	1441.	37.	4.	762.8	26.6	1
814	0	388	37.4845	88.6753	-836.5	PPCV	5.53	2.49	0.90	0.450	2.767	6.148	1411.	54.	9.	763.3	26.6	1
815	0	400	37.4851	88.6753	-835.2	PPCV	6.22	1.84	0.90	0.296	2.047	6.915	1539.	44.	10.	764.9	26.6	1
816	0	392	37.4857	88.6753	-833.5	PPCV	4.93	3.10	0.81	0.628	3.805	6.061	1401.	34.	6.	763.8	26.7	1
817	0	380	37.4863	88.6753	-832.7	PPCV	6.62	1.76	0.72	0.266	2.445	9.206	1303.	49.	7.	763.3	26.8	1
818	0	400	37.4869	88.6753	-832.2	PPCV	5.41	2.92	0.79	0.540	3.716	6.886	1419.	46.	9.	763.8	26.8	1
819	0	408	37.4875	88.6753	-831.7	PPCV	5.80	2.54	0.69	0.438	3.651	8.341	1375.	39.	5.	764.3	26.8	1
820	0	420	37.4881	88.6753	-829.5	PPCV	4.52	3.19	0.64	0.705	5.012	7.109	1206.	46.	3.	763.8	26.9	1
821	0	432	37.4886	88.6753	-829.7	PPCV	3.21	2.55	0.55	0.795	4.641	5.841	933.	47.	7.	762.8	26.8	1
822	10	464	37.4892	88.6753	-829.0	PPCV	5.29	1.40	0.48	0.0	0.0	10.948	845.	39.	3.	763.8	26.8	1
823	0	472	37.4898	88.6753	-826.7	PPCV	3.91	2.25	0.21	0.577	10.938	18.968	785.	30.	6.	765.4	26.8	1
824	0	488	37.4904	88.6753	-825.5	PPCV	2.18	1.36	0.57	0.623	2.380	3.819	781.	40.	5.	764.3	26.8	1
825	10	544	37.4909	88.6753	-825.7	QAL	4.09	0.75	0.69	0.0	0.0	5.949	924.	42.	5.	762.8	26.8	1
826	10	556	37.4915	88.6754	-824.2	QAL	5.95	1.43	0.45	0.0	0.0	13.315	1088.	42.	8.	763.8	26.8	1
827	0	456	37.4921	88.6754	-823.5	QAL	4.44	2.77	0.65	0.624	4.281	6.863	1042.	55.	6.	765.4	26.8	1
828	10	420	37.4927	88.6754	-823.0	QAL	3.63	0.96	0.81	0.0	0.0	4.479	1165.	29.	13.	763.8	26.8	1
829	10	440	37.4933	88.6754	-821.2	QAL	6.08	0.38	1.08	0.0	0.0	5.615	1434.	28.	14.	762.8	26.8	1
830	10	424	37.4939	88.6754	-820.0	QAL	7.90	0.85	1.22	0.0	0.0	6.494	1514.	35.	12.	765.4	26.8	1
831	0	416	37.4944	88.6754	-819.7	PPCV	8.47	1.93	1.01	0.228	1.911	8.387	1685.	20.	15.	764.3	26.8	1
832	10	408	37.4950	88.6754	-817.5	PPCV	5.80	0.29	1.34	0.0	0.0	4.336	1555.	43.	19.	762.8	26.8	1
833	10	388	37.4956	88.6754	-816.5	PPCV	8.73	0.47	1.01	0.0	0.0	8.654	1524.	46.	15.	764.3	26.8	1
834	10	380	37.4961	88.6754	-816.7	PPCV	5.30	0.76	0.96	0.0	0.0	5.538	1425.	45.	17.	764.9	26.8	1
835	0	412	37.4967	88.6754	-814.2	PPCV	5.54	3.00	1.03	0.541	2.915	5.391	1540.	39.	18.	762.3	26.8	1
836	10	404	37.4973	88.6753	-815.0	PPCV	5.41	0.72	1.02	0.0	0.0	5.286	1388.	34.	22.	762.8	26.8	1
837	10	344	37.4978	88.6753	-814.2	PPCV	8.07	0.42	0.84	0.0	0.0	9.556	1300.	28.	20.	765.4	26.8	1
838	0	336	37.4985	88.6753	-812.7	PPCV	6.78	2.81	0.69	0.414	4.063	9.803	1395.	31.	16.	763.8	26.8	1
839	10	336	37.4991	88.6753	-811.7	PPCV	8.44	0.56	1.21	0.0	0.0	6.989	1605.	45.	18.	762.8	26.7	1
840	10	332	37.4996	88.6753	-811.0	PPCV	7.12	1.41	1.01	0.0	0.0	7.076	1632.	53.	19.	765.4	26.6	1
841	0	328	37.5002	88.6753	-810.0	PPCV	8.25	1.55	1.08	0.187	1.436	7.660	1607.	40.	18.	763.8	26.6	1
842	10	328	37.5008	88.6753	-807.2	PPCV	9.58	1.30	0.92	0.0	0.0	10.403	1577.	38.	15.	761.8	26.6	1
843	0	332	37.5014	88.6753	-807.0	PPCV	9.84	2.39	0.88	0.243	2.701	11.131	1744.	31.	14.	764.3	26.6	1
844	10	344	37.5019	88.6753	-807.5	PPCV	7.88	0.74	1.55	0.0	0.0	5.077	1858.	35.	19.	764.3	26.6	1
845	0	348	37.5025	88.6753	-805.7	PPCV	6.72	3.69	1.05	0.550	3.513	6.390	1751.	49.	16.	763.8	26.6	1
846	0	356	37.5031	88.6753	-803.2	PPCV	8.00	3.19	1.06	0.400	3.028	7.580	1726.	42.	15.	764.3	26.6	1
847	0	364	37.5037	88.6753	-805.0	PPCV	7.95	2.34	1.10	0.294	2.127	7.237	1715.	43.	14.	762.8	26.6	1
848	0	364	37.5043	88.6753	-803.2	PPCV	7.91	3.79	1.10	0.479	3.456	7.216	1761.	35.	12.	762.8	26.8	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
849	0	352	37.5049	88.6753	-801.2	PPCV	7.39	2.42	1.08	0.328	2.247	6.853	1680.	38.	14.	764.3	26.8	1
850	0	340	37.5054	88.6754	-802.2	PPCV	6.60	2.58	1.10	0.392	2.344	5.985	1662.	29.	12.	762.8	26.8	1
851	0	328	37.5060	88.6754	-801.0	PPCV	6.58	2.96	0.83	0.450	3.580	7.962	1515.	31.	10.	761.8	26.8	1
852	10	316	37.5066	88.6754	-798.5	PPCV	6.23	1.13	1.20	0.0	0.0	5.203	1508.	31.	11.	762.8	26.8	1
853	0	332	37.5072	88.6754	-799.0	PPCV	8.06	2.54	0.89	0.315	2.853	9.069	1527.	41.	9.	761.8	26.7	1
854	0	328	37.5077	88.6754	-797.7	PPCV	6.36	1.62	0.94	0.254	1.729	6.803	1388.	38.	8.	760.7	26.7	1
855	0	336	37.5083	88.6754	-798.0	PPCV	6.05	2.56	0.63	0.423	4.085	9.665	1341.	48.	7.	762.8	26.6	1
856	0	332	37.5089	88.6754	-798.0	PPCV	7.41	2.17	0.55	0.293	3.918	13.392	1323.	38.	7.	761.8	26.6	1
857	0	316	37.5095	88.6754	-796.0	PPCV	5.55	2.19	0.90	0.394	2.421	6.145	1355.	37.	8.	760.7	26.6	1
858	0	320	37.5100	88.6754	-794.0	PPCV	4.76	3.69	1.01	0.775	3.667	4.734	1445.	37.	4.	762.8	26.6	1
859	0	336	37.5107	88.6754	-793.5	PPCV	7.60	2.16	1.11	0.284	1.946	6.860	1479.	38.	2.	760.7	26.5	1
860	0	340	37.5112	88.6753	-793.7	PPAB	6.44	3.00	0.79	0.467	3.785	8.109	1389.	44.	2.	760.7	26.5	1
861	0	344	37.5118	88.6753	-793.2	PPAB	5.19	2.52	0.95	0.485	2.651	5.460	1345.	45.	1.	762.8	26.5	1
862	0	348	37.5124	88.6753	-792.5	PPAB	5.49	2.08	0.96	0.378	2.155	5.695	1364.	30.	5.	760.7	26.4	1
863	0	360	37.5129	88.6753	-792.0	PPAB	4.98	4.09	0.76	0.822	5.358	6.518	1305.	43.	0.	760.7	26.3	1
864	0	356	37.5135	88.6753	-790.7	PPAB	4.82	2.95	0.84	0.611	3.515	5.750	1407.	40.	2.	762.8	26.4	1
865	0	368	37.5141	88.6753	-790.0	PPAB	6.56	1.84	0.86	0.280	2.123	7.589	1407.	32.	8.	761.8	26.4	1
866	0	356	37.5147	88.6753	-789.2	PPAB	5.50	3.96	0.83	0.721	4.769	6.619	1446.	44.	2.	761.8	26.4	1
867	0	336	37.5152	88.6753	-789.0	PPAB	5.90	1.99	1.19	0.338	1.677	4.964	1463.	44.	9.	763.8	26.4	1
868	0	312	37.5158	88.6753	-788.0	PPAB	4.98	3.10	0.82	0.622	3.775	6.065	1444.	49.	8.	762.8	26.5	1
869	0	308	37.5164	88.6753	-785.5	PPAB	5.61	2.11	1.07	0.376	1.972	5.250	1506.	47.	11.	761.8	26.6	1
870	0	300	37.5170	88.6753	-786.0	PPAB	6.87	3.56	0.97	0.518	3.687	7.118	1579.	32.	8.	761.8	26.6	1
871	0	296	37.5176	88.6753	-785.5	PPAB	8.17	1.94	1.16	0.237	1.674	7.063	1668.	39.	12.	761.8	26.6	1
872	0	336	37.5182	88.6753	-785.5	PPAB	9.90	2.09	1.06	0.211	1.978	9.374	1679.	35.	9.	762.8	26.7	1
873	0	360	37.5187	88.6753	-784.2	PPAB	9.32	1.90	1.09	0.204	1.741	8.532	1740.	42.	11.	762.8	26.7	1
874	0	360	37.5193	88.6753	-783.7	PPAB	7.59	2.89	1.07	0.380	2.695	7.086	1673.	44.	12.	761.8	26.6	1
875	0	336	37.5199	88.6754	-783.5	PPAB	6.79	3.85	0.62	0.567	6.257	11.035	1592.	37.	11.	763.3	26.6	1
876	0	340	37.5205	88.6754	-782.7	PPAB	7.24	1.67	1.02	0.231	1.640	7.113	1592.	32.	13.	764.3	26.6	1
877	0	372	37.5210	88.6754	-782.0	PPAB	6.18	2.21	1.12	0.358	1.978	5.531	1599.	49.	12.	762.3	26.6	1
878	0	376	37.5216	88.6754	-781.5	PPAB	5.53	3.06	1.04	0.554	2.948	5.326	1620.	41.	8.	762.8	26.7	1
879	0	388	37.5222	88.6754	-781.5	PPAB	6.92	2.12	1.15	0.306	1.841	6.007	1576.	35.	11.	764.3	26.8	1
880	0	380	37.5228	88.6754	-780.0	PPAB	5.82	2.33	0.91	0.401	2.559	6.389	1370.	56.	8.	763.3	26.8	1
881	0	384	37.5234	88.6754	-780.7	PPAB	6.19	2.44	0.92	0.395	2.655	6.726	1353.	41.	6.	763.3	26.7	1
882	0	408	37.5240	88.6754	-779.2	PPCV	6.15	1.78	0.93	0.289	1.918	6.633	1369.	35.	10.	763.3	26.7	1
883	10	428	37.5246	88.6754	-779.5	PPCV	4.53	0.55	1.07	0.0	0.0	4.216	1291.	39.	11.	762.3	26.7	1
884	0	396	37.5251	88.6754	-778.5	PPCV	5.06	2.64	0.91	0.523	2.908	5.559	1306.	37.	7.	763.8	26.7	1
885	0	368	37.5257	88.6753	-778.2	PPCV	6.04	2.29	0.87	0.378	2.618	6.917	1322.	47.	11.	764.3	26.7	1
886	0	352	37.5263	88.6753	-778.2	PPCV	6.53	1.45	0.85	0.222	1.711	7.699	1243.	43.	10.	762.8	26.7	1
887	0	384	37.5268	88.6753	-777.5	PPCV	6.95	1.64	0.82	0.236	2.010	8.516	1377.	41.	9.	762.8	26.6	1
888	0	384	37.5274	88.6753	-776.2	PPCV	4.92	2.70	0.96	0.549	2.810	5.116	1436.	48.	9.	762.3	26.8	1
889	0	352	37.5280	88.6753	-776.0	PPCV	7.08	1.67	0.72	0.236	2.312	9.811	1406.	29.	7.	762.3	26.8	1
890	10	344	37.5286	88.6753	-775.5	PPCV	4.10	1.04	0.90	0.0	0.0	4.561	1347.	37.	12.	763.3	26.9	1
891	0	332	37.5292	88.6753	-774.7	PPCV	4.29	2.12	0.72	0.495	2.928	5.921	1314.	38.	10.	760.7	26.8	1
892	0	316	37.5298	88.6753	-774.7	PPCV	6.05	2.94	0.77	0.486	3.848	7.912	1351.	41.	5.	760.7	26.8	1
893	0	328	37.5303	88.6753	-773.7	PPCV	5.99	2.59	0.82	0.432	3.155	7.297	1514.	40.	6.	762.3	26.9	1
894	0	352	37.5309	88.6753	-774.0	PPAB	5.43	3.09	0.92	0.570	3.361	5.895	1553.	47.	3.	760.7	26.9	1
895	0	356	37.5315	88.6753	-772.2	PPAB	6.68	2.73	1.05	0.409	2.595	6.348	1653.	34.	6.	761.8	26.8	1
896	0	344	37.5320	88.6753	-773.5	PPAB	6.74	3.88	0.96	0.576	4.021	6.987	1584.	38.	1.	762.3	26.7	1
897	0	320	37.5326	88.6753	-772.2	PPAB	5.41	2.32	0.90	0.428	2.578	6.025	1408.	50.	3.	760.2	26.6	1
898	0	328	37.5332	88.6753	-771.5	PPAB	6.44	2.60	0.96	0.403	2.699	6.695	1447.	38.	5.	761.2	26.6	1
899	0	336	37.5338	88.6753	-772.7	PPAB	6.89	3.54	0.96	0.514	3.680	7.163	1522.	38.	4.	761.8	26.5	1
900	0	376	37.5344	88.6753	-772.5	PPAB	5.80	5.80	0.95	1.001	6.081	6.073	1713.	45.	1.	760.2	26.5	1
901	0	380	37.5350	88.6753	-770.2	PPAB	8.31	3.04	1.15	0.366	2.644	7.221	1755.	29.	5.	761.2	26.4	1

CP 9 LP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
902	0	384	37.5356	88.6753	-770.7	PPAB	7.20	5.31	0.93	0.737	5.722	7.763	1756.	32.	0.	761.2	26.4	1
903	0	396	37.5362	88.6753	-771.2	PPAB	8.57	3.02	1.11	0.352	2.714	7.714	1755.	43.	5.	759.7	26.4	1
904	0	404	37.5368	88.6753	-771.5	PPAB	7.98	1.59	1.22	0.199	1.301	6.541	1667.	46.	6.	760.2	26.5	1
905	0	380	37.5374	88.6753	-771.7	PPAB	8.24	1.53	1.22	0.186	1.250	6.730	1585.	34.	2.	760.2	26.5	1
906	0	400	37.5380	88.6753	-772.0	PPAB	8.91	3.91	0.79	0.438	4.946	11.284	1661.	40.	4.	760.2	26.4	1
907	0	428	37.5385	88.6753	-771.7	PPAB	6.64	1.86	1.25	0.280	1.480	5.289	1667.	46.	5.	760.2	26.3	1
908	0	424	37.5392	88.6752	-771.0	PPAB	6.51	3.19	1.46	0.490	2.187	4.462	1678.	48.	5.	758.7	26.4	1
909	0	416	37.5397	88.6752	-769.5	PPAB	8.41	3.76	1.10	0.447	3.433	7.672	1724.	35.	4.	758.7	26.3	1
910	0	412	37.5403	88.6752	-769.7	PPAB	8.12	2.48	1.09	0.306	2.277	7.440	1691.	42.	8.	760.7	26.3	1
911	0	408	37.5409	88.6752	-768.5	PPAB	8.02	4.56	0.99	0.568	4.607	8.105	1718.	54.	4.	759.7	26.3	1
912	0	408	37.5415	88.6752	-770.0	PPAB	6.25	4.41	0.96	0.705	4.568	6.480	1662.	44.	4.	758.1	26.3	1
913	0	412	37.5421	88.6752	-770.0	PPAB	8.04	1.99	1.37	0.247	1.448	5.858	1717.	26.	8.	759.2	26.4	1
914	0	412	37.5427	88.6752	-769.0	PPAB	6.59	3.09	1.20	0.469	2.571	5.486	1727.	46.	13.	759.7	26.4	1
915	0	400	37.5433	88.6752	-768.0	PPAB	8.67	3.62	1.03	0.418	3.517	8.417	1779.	44.	10.	759.2	26.4	1
916	0	392	37.5439	88.6752	-766.2	PPAB	5.96	2.41	1.26	0.405	1.920	4.739	1683.	48.	13.	760.2	26.4	1
917	0	400	37.5445	88.6751	-768.0	PPAB	8.56	1.70	0.99	0.199	1.718	8.631	1709.	47.	16.	759.7	26.5	1
918	10	420	37.5451	88.6751	-768.2	PPAB	10.14	1.29	1.24	0.0	0.0	8.209	1698.	51.	13.	758.7	26.6	1
919	0	424	37.5457	88.6751	-767.7	PPAB	7.61	2.61	0.84	0.342	3.114	9.094	1587.	49.	14.	760.2	26.6	1
920	0	432	37.5463	88.6751	-767.0	PPAB	8.86	2.42	1.04	0.273	2.324	8.498	1634.	47.	12.	759.7	26.8	1
921	0	440	37.5469	88.6751	-766.7	PPAB	9.08	2.30	0.88	0.253	2.625	10.369	1665.	45.	10.	758.7	26.8	1
922	10	456	37.5475	88.6751	-765.5	PPAB	7.15	1.17	1.24	0.0	0.0	5.788	1625.	46.	10.	759.2	26.8	1
923	0	464	37.5480	88.6751	-766.2	PPAB	6.47	2.07	1.27	0.319	1.624	5.086	1574.	30.	7.	759.2	26.8	1
924	0	468	37.5486	88.6751	-768.2	PPAB	6.99	3.13	1.01	0.448	3.111	6.938	1527.	40.	7.	759.2	26.8	1
925	0	480	37.5493	88.6751	-768.5	PPAB	6.04	4.54	1.09	0.753	4.179	5.549	1646.	37.	5.	759.2	26.8	1
926	10	484	37.5499	88.6750	-769.0	PPAB	8.38	1.52	0.93	0.0	0.0	9.022	1660.	28.	7.	758.7	26.8	1
927	0	484	37.5504	88.6750	-769.5	PPAB	7.54	1.92	1.05	0.255	1.835	7.209	1630.	43.	5.	758.1	26.6	1
928	0	488	37.5510	88.6750	-770.2	PPAB	4.20	2.45	0.94	0.583	2.606	4.468	1566.	42.	8.	758.7	26.6	1
929	0	488	37.5516	88.6750	-769.0	PPAB	7.04	2.72	0.81	0.386	3.353	8.696	1490.	32.	3.	758.7	26.5	1
930	0	460	37.5522	88.6750	-768.7	PPAB	4.52	2.46	1.00	0.544	2.449	4.505	1464.	30.	13.	758.7	26.5	1
931	0	460	37.5528	88.6750	-768.5	PPAB	5.09	2.68	0.85	0.527	3.168	6.012	1368.	35.	12.	759.7	26.5	1
932	0	456	37.5534	88.6750	-766.5	PPAB	4.55	1.99	1.21	0.436	1.638	3.757	1429.	37.	12.	759.7	26.5	1
933	10	460	37.5540	88.6750	-766.5	PPAB	7.21	1.09	1.21	0.0	0.0	5.950	1595.	51.	11.	759.2	26.4	1
934	0	448	37.5546	88.6750	-767.7	PPAB	6.99	5.01	1.10	0.716	4.552	6.358	1752.	30.	9.	758.7	26.5	1
935	0	448	37.5552	88.6749	-766.7	PPAB	7.85	2.04	1.20	0.260	1.702	6.556	1749.	37.	10.	759.2	26.4	1
936	0	448	37.5558	88.6749	-766.7	PPAB	8.91	4.33	0.89	0.487	4.872	10.011	1724.	39.	5.	759.7	26.5	1
937	0	452	37.5564	88.6749	-766.5	PPAB	7.20	3.53	1.45	0.490	2.437	4.973	1844.	35.	10.	759.7	26.5	1
938	0	464	37.5570	88.6749	-766.0	PPAB	8.60	2.39	1.30	0.278	1.847	6.636	1787.	42.	8.	759.7	26.5	1
939	0	464	37.5575	88.6749	-764.7	PPAB	8.30	2.01	1.11	0.242	1.809	7.471	1693.	40.	9.	759.7	26.4	1
940	0	460	37.5582	88.6749	-765.7	PPAB	7.55	2.33	1.23	0.309	1.895	6.141	1562.	49.	6.	759.7	26.5	1
941	0	456	37.5587	88.6749	-764.7	PPAB	7.61	4.07	0.90	0.534	4.510	8.437	1583.	45.	4.	759.2	26.4	1
942	0	460	37.5593	88.6749	-764.0	PPAB	8.37	1.81	1.19	0.217	1.528	7.053	1463.	42.	7.	758.1	26.4	1
943	0	428	37.5599	88.6749	-764.0	PPAB	4.90	2.78	0.74	0.568	3.763	6.625	1401.	45.	8.	759.2	26.5	1
944	0	440	37.5605	88.6749	-763.7	PPAB	5.53	2.68	0.85	0.485	3.146	6.480	1427.	37.	8.	760.7	26.5	1
945	0	460	37.5612	88.6749	-761.7	PPAB	5.86	2.80	0.73	0.478	3.839	8.027	1402.	42.	11.	759.7	26.4	1
946	0	464	37.5617	88.6749	-762.2	PPAB	5.07	4.07	0.76	0.803	5.367	6.681	1467.	40.	10.	760.2	26.5	1
947	0	476	37.5623	88.6748	-763.2	PPAB	7.18	4.25	0.92	0.593	4.643	7.835	1473.	45.	7.	761.2	26.4	1
948	0	488	37.5629	88.6748	-761.2	PPAB	5.83	3.39	1.01	0.581	3.360	5.778	1489.	33.	8.	759.7	26.4	1
949	0	476	37.5635	88.6748	-760.2	PPAB	5.13	1.98	0.79	0.386	2.495	6.467	1472.	27.	12.	759.7	26.4	1
950	0	460	37.5641	88.6748	-760.5	PPAB	5.64	2.56	0.86	0.454	2.976	6.560	1331.	45.	10.	760.8	26.5	1
951	10	468	37.5647	88.6748	-758.5	PPAB	6.02	0.65	1.21	0.0	0.0	4.984	1542.	40.	9.	760.7	26.4	1
952	10	468	37.5653	88.6748	-758.7	PPAB	9.13	1.45	1.23	0.0	0.0	7.412	1581.	38.	9.	759.2	26.5	1
953	0	472	37.5659	88.6747	-759.2	PPAB	7.57	2.49	1.18	0.329	2.119	6.444	1633.	41.	11.	761.2	26.5	1
954	0	480	37.5665	88.6747	-757.7	PPAB	5.55	2.81	1.18	0.506	2.392	4.723	1588.	37.	11.	761.8	26.5	1

CP 9 1P 12
CP 9 1P 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
955	0	484	37.5670	88.6747	-757.2	PPAB	6.70	2.27	0.78	0.338	2.887	8.533	1620.	40.	15.	759.7	26.5	1
956	0	484	37.5676	88.6747	-757.2	PPAB	6.22	1.93	0.85	0.310	2.259	7.287	1517.	37.	16.	758.7	26.6	1
957	0	476	37.5683	88.6747	-756.0	PPAB	6.79	2.02	0.92	0.298	2.201	7.386	1529.	32.	18.	758.7	26.6	1
958	0	488	37.5688	88.6747	-755.0	PPAB	6.20	2.66	1.07	0.429	2.488	5.795	1512.	40.	15.	759.7	26.6	1
959	10	488	37.5694	88.6747	-755.5	PPAB	5.43	1.05	0.96	0.0	0.0	5.651	1477.	36.	16.	760.7	26.5	1
960	0	508	37.5700	88.6747	-754.0	PPAB	5.88	2.38	0.96	0.404	2.477	6.137	1506.	43.	17.	761.8	26.5	1
961	0	508	37.5706	88.6747	-753.0	PPAB	6.51	2.50	0.80	0.384	3.110	8.092	1611.	39.	16.	760.2	26.5	1
962	10	504	37.5712	88.6746	-752.5	PPAB	6.15	1.32	0.93	0.0	0.0	6.617	1481.	39.	14.	759.2	26.4	1
963	10	504	37.5718	88.6746	-751.5	PPAB	8.33	1.84	1.13	0.0	0.0	7.352	1587.	41.	13.	761.2	26.3	1
964	10	500	37.5724	88.6746	-750.7	PPAB	8.15	0.11	1.12	0.0	0.0	7.282	1534.	32.	14.	762.3	26.4	1
965	0	508	37.5730	88.6746	-748.7	PPAB	7.68	2.53	0.91	0.329	2.788	8.469	1585.	40.	11.	760.7	26.3	1
966	0	508	37.5736	88.6746	-748.5	PPAB	8.61	2.47	1.07	0.287	2.319	8.068	1590.	41.	8.	760.7	26.4	1
967	0	504	37.5742	88.6746	-747.5	PPAB	5.25	2.25	0.54	0.428	4.202	9.809	1425.	52.	12.	760.7	26.4	1
968	0	508	37.5748	88.6746	-746.0	PPAB	7.82	3.71	0.74	0.475	5.013	10.556	1605.	39.	7.	760.7	26.4	1
969	0	484	37.5754	88.6746	-745.7	PPAB	4.30	3.03	0.72	0.706	4.235	5,998	1395.	43.	5.	761.8	26.4	1
970	10	472	37.5760	88.6746	-745.0	PPAB	6.56	0.53	1.07	0.0	0.0	6.107	1371.	41.	6.	761.2	26.5	1
971	10	476	37.5766	88.6745	-742.7	PPAB	6.85	1.48	0.92	0.0	0.0	7.458	1354.	28.	10.	761.2	26.5	1
972	10	472	37.5772	88.6745	-742.7	PPAB	5.35	0.60	0.98	0.0	0.0	5.431	1188.	43.	12.	761.8	26.6	1
973	0	476	37.5777	88.6745	-741.2	PPAB	5.06	2.04	0.45	0.403	4.515	11.191	1210.	22.	11.	760.7	26.6	1
974	10	496	37.5784	88.6745	-740.5	PPAB	7.55	0.96	0.66	0.0	0.0	11.460	1202.	48.	11.	759.7	26.8	1
975	10	516	37.5789	88.6745	-739.7	PPAB	1.80	1.72	0.60	0.0	0.0	2.999	1092.	46.	15.	760.7	26.8	1
976	10	536	37.5795	88.6745	-738.5	PPAB	4.52	0.93	0.94	0.0	0.0	4.808	1236.	33.	11.	762.8	26.8	1
977	10	556	37.5801	88.6745	-735.5	PPAB	5.81	0.80	0.94	0.0	0.0	6.214	1267.	45.	15.	762.8	26.8	1
978	0	560	37.5807	88.6745	-735.7	PPAB	4.56	2.95	0.75	0.648	3.929	6.066	1394.	25.	14.	760.7	26.8	1
979	10	556	37.5813	88.6745	-734.5	PPAB	8.23	0.69	1.02	0.0	0.0	8.057	1481.	40.	12.	759.7	26.8	1
980	0	560	37.5819	88.6744	-733.7	PPAB	6.68	3.21	0.81	0.481	3.952	8.220	1521.	31.	10.	760.7	26.9	1
981	0	576	37.5825	88.6744	-731.5	PPAB	6.22	3.01	1.12	0.485	2.678	5.527	1538.	48.	12.	759.7	26.9	1
982	0	588	37.5831	88.6744	-731.0	PPAB	6.19	4.18	1.12	0.676	3.751	5.548	1686.	38.	11.	760.7	26.8	1
983	10	572	37.5837	88.6744	-729.0	PPAB	5.75	1.66	1.34	0.0	0.0	4.294	1529.	33.	10.	762.8	26.9	1
984	10	560	37.5843	88.6744	-727.7	PPAB	7.75	0.06	1.02	0.0	0.0	7.599	1497.	40.	16.	762.8	26.9	1
985	10	556	37.5849	88.6744	-726.2	PPAB	7.24	1.35	1.02	0.0	0.0	7.068	1408.	42.	13.	762.8	26.8	1
986	10	572	37.5855	88.6744	-724.5	QAL	6.81	2.05	0.84	0.0	0.0	8.112	1373.	34.	16.	762.8	26.8	1
987	10	628	37.5860	88.6744	-723.2	QAL	8.24	1.03	1.07	0.0	0.0	7.712	1541.	50.	14.	761.2	26.9	1
988	10	644	37.5866	88.6744	-721.5	QAL	6.17	0.95	1.05	0.0	0.0	5.859	1624.	38.	14.	761.2	26.9	1
989	10	648	37.5872	88.6743	-719.7	QAL	6.23	2.11	1.28	0.0	0.0	4.878	1620.	34.	18.	762.8	26.9	1
990	10	648	37.5878	88.6743	-718.7	QAL	6.76	0.90	1.04	0.0	0.0	6.469	1476.	26.	17.	761.8	26.9	1
991	0	616	37.5885	88.6743	-718.0	QAL	3.81	3.89	0.71	1.023	5.475	5.353	1370.	39.	11.	761.2	26.8	1
992	10	596	37.5890	88.6743	-716.5	PPAB	6.34	1.44	0.71	0.0	0.0	8.918	1267.	35.	13.	762.3	26.8	1
993	10	624	37.5896	88.6743	-714.2	PPAB	5.59	0.41	0.64	0.0	0.0	8.702	1203.	32.	11.	762.8	26.8	1
994	10	604	37.5902	88.6743	-713.0	PPAB	4.14	1.05	1.10	0.0	0.0	3.765	1160.	36.	14.	762.8	26.8	1
995	10	528	37.5908	88.6743	-713.0	PPAB	4.38	1.36	0.56	0.0	0.0	7.778	994.	35.	14.	762.8	26.8	1
996	10	496	37.5914	88.6743	-711.5	PPAB	5.98	-0.55	0.62	0.0	0.0	9.677	1026.	27.	19.	761.8	26.8	1
997	10	464	37.5920	88.6742	-708.5	PPAB	4.98	0.73	0.65	0.0	0.0	7.616	1060.	35.	19.	761.2	26.7	1
998	10	424	37.5926	88.6742	-706.2	PPAB	5.79	1.49	0.39	0.0	0.0	14.807	1151.	35.	18.	761.2	26.8	1
999	10	416	37.5932	88.6742	-705.5	PPAB	6.19	1.10	0.83	0.0	0.0	7.471	1273.	36.	16.	761.8	26.8	1
1000	0	420	37.5938	88.6742	-703.5	PPAB	6.41	1.97	1.18	0.307	1.676	5.457	1476.	35.	16.	761.8	26.8	1
1001	10	412	37.5944	88.6742	-703.0	PPAB	7.10	1.14	0.88	0.0	0.0	8.102	1386.	43.	18.	761.8	26.8	1
1002	0	408	37.5949	88.6742	-702.0	PPAB	5.65	1.83	1.00	0.323	1.832	5.667	1401.	42.	17.	762.8	26.8	1
1003	0	392	37.5956	88.6742	-699.0	PPAB	6.20	2.25	0.87	0.362	2.570	7.098	1375.	42.	11.	764.3	26.8	1
1004	0	412	37.5961	88.6742	-697.7	PPAB	6.94	2.19	1.11	0.315	1.970	6.246	1585.	42.	9.	764.3	26.8	1
1005	0	388	37.5967	88.6742	-696.2	PPAB	6.02	2.23	0.99	0.371	2.258	6.092	1487.	30.	7.	764.3	26.8	1
1006	0	400	37.5974	88.6741	-694.5	PPAB	5.56	4.02	0.85	0.723	4.707	6.514	1430.	42.	2.	764.3	26.8	1
1007	0	404	37.5979	88.6741	-693.5	PPAB	5.17	1.53	0.73	0.297	2.107	7.099	1376.	46.	4.	764.3	26.8	1

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1008	0	408	37.5985	88.6741	-691.5	PPAB	6.31	2.49	0.82	0.394	3.036	7.705	1340.	43.	4.	764.3	26.9	1
1009	0	428	37.5991	88.6741	-689.5	PPAB	6.31	1.60	1.06	0.254	1.514	5.955	1358.	41.	6.	764.9	26.9	1
1010	10	456	37.5997	88.6741	-688.5	PPAB	5.70	1.06	1.25	0.0	0.0	4.559	1411.	57.	6.	764.9	26.9	1
1011	0	452	37.6003	88.6741	-686.7	PPAB	7.88	2.28	1.08	0.289	2.105	7.291	1431.	36.	9.	763.3	26.9	1
1012	10	436	37.6009	88.6741	-683.7	PPAB	6.30	0.23	1.07	0.0	0.0	5.864	1452.	47.	13.	762.3	27.0	1
1013	10	444	37.6015	88.6741	-683.0	PPAB	7.80	1.49	1.14	0.0	0.0	6.826	1507.	42.	13.	762.8	26.9	1
1014	10	460	37.6021	88.6741	-681.2	PPS	6.55	1.52	0.90	0.0	0.0	7.280	1508.	45.	15.	763.8	27.0	1
1015	0	476	37.6027	88.6740	-679.7	PPS	7.05	2.61	0.73	0.370	3.571	9.657	1568.	42.	13.	763.8	27.0	1
1016	0	496	37.6032	88.6740	-677.0	PPS	6.93	2.52	0.92	0.364	2.748	7.552	1595.	49.	14.	763.3	26.9	1
1017	10	504	37.6039	88.6740	-676.7	PPS	9.71	1.96	0.92	0.0	0.0	10.534	1737.	34.	12.	763.8	26.9	1
1018	0	504	37.6045	88.6740	-674.2	PPS	7.06	3.61	0.82	0.511	4.408	8.627	1631.	38.	11.	764.9	26.9	1
1019	0	504	37.6050	88.6740	-672.5	PPS	7.60	3.85	0.92	0.508	4.202	8.280	1654.	52.	9.	764.3	26.9	1
1020	0	512	37.6057	88.6740	-671.7	PPS	8.62	3.16	1.30	0.366	2.431	6.639	1669.	42.	6.	764.3	26.9	1
1021	10	528	37.6062	88.6740	-670.2	PPS	7.85	0.76	1.02	0.0	0.0	7.677	1679.	52.	11.	764.3	26.9	1
1022	0	520	37.6068	88.6740	-669.2	PPS	8.74	2.91	1.36	0.333	2.138	6.423	1707.	38.	10.	765.4	26.9	1
1023	0	512	37.6074	88.6740	-668.5	PPS	4.71	2.90	1.06	0.617	2.739	4.441	1678.	42.	15.	765.9	26.8	1
1024	10	512	37.6080	88.6739	-665.7	PPS	7.38	1.66	1.28	0.0	0.0	5.743	1577.	41.	11.	764.9	26.9	1
1025	0	492	37.6086	88.6739	-662.5	PPS	5.95	3.38	1.00	0.569	3.377	5.940	1686.	29.	14.	764.9	26.8	1
1026	10	484	37.6092	88.6739	-661.5	PPS	8.74	0.51	1.36	0.0	0.0	6.431	1701.	39.	15.	764.9	26.9	1
1027	0	472	37.6098	88.6739	-660.7	PPS	6.36	2.21	0.97	0.348	2.285	6.561	1611.	42.	15.	764.9	26.9	1
1028	0	472	37.6104	88.6739	-658.2	PPS	7.41	3.33	1.09	0.448	3.044	6.787	1673.	53.	10.	763.8	26.9	1
1029	0	468	37.6110	88.6739	-657.2	PPS	7.19	2.60	1.13	0.362	2.311	6.380	1719.	38.	11.	764.3	26.9	1
1030	0	452	37.6116	88.6739	-656.2	PPS	7.17	3.33	1.05	0.464	3.162	6.812	1675.	44.	12.	765.4	27.0	1
1031	0	456	37.6122	88.6739	-654.2	PPS	7.11	3.28	1.07	0.462	3.075	6.662	1659.	43.	12.	765.9	27.0	1
1032	0	464	37.6128	88.6739	-653.5	PPS	7.68	2.53	1.07	0.329	2.360	7.171	1687.	45.	10.	765.9	27.1	1
1033	0	464	37.6134	88.6738	-651.7	PPS	8.32	2.64	0.99	0.317	2.676	8.438	1649.	35.	9.	765.9	27.2	1
1034	0	468	37.6140	88.6738	-649.5	PPS	5.54	2.24	1.11	0.404	2.015	4.984	1661.	49.	10.	765.9	27.2	1
1035	0	468	37.6145	88.6738	-647.2	PPS	7.92	4.01	1.00	0.506	4.023	7.945	1652.	46.	9.	768.0	27.2	1
1036	0	468	37.6151	88.6738	-647.0	PPS	8.10	2.32	1.16	0.287	2.008	7.008	1667.	47.	8.	768.5	27.2	1
1037	0	464	37.6158	88.6738	-645.2	PPS	7.29	2.08	1.34	0.285	1.554	5.457	1663.	44.	7.	767.4	27.2	1
1038	10	464	37.6163	88.6738	-643.2	PPS	7.30	1.44	1.28	0.0	0.0	5.724	1686.	47.	11.	766.9	27.2	1
1039	0	464	37.6169	88.6738	-642.7	PPS	7.86	1.87	1.52	0.238	1.228	5.169	1745.	44.	8.	768.0	27.2	1
1040	0	464	37.6176	88.6738	-641.2	PPS	8.04	4.12	1.21	0.512	3.392	6.629	1727.	46.	9.	768.0	27.3	1
1041	0	460	37.6181	88.6738	-638.2	PPS	8.28	5.18	1.38	0.626	3.745	5.987	1748.	44.	8.	767.4	27.2	1
1042	0	460	37.6187	88.6737	-637.5	PPS	6.92	2.32	1.25	0.335	1.848	5.522	1637.	47.	14.	767.4	27.2	1
1043	0	456	37.6193	88.6737	-635.2	PPS	8.85	2.06	1.06	0.232	1.934	8.322	1768.	26.	10.	766.9	27.1	1
1044	10	448	37.6199	88.6737	-635.0	PPS	8.27	1.40	1.31	0.0	0.0	6.298	1716.	35.	11.	766.9	27.2	1
1045	0	448	37.6205	88.6737	-633.2	PPS	7.25	2.76	1.15	0.381	2.408	6.321	1724.	41.	13.	766.9	27.2	1
1046	10	448	37.6211	88.6737	-631.5	PPS	6.28	0.34	1.01	0.0	0.0	6.238	1511.	37.	13.	766.4	27.3	1
1047	10	448	37.6217	88.6737	-630.0	PPS	7.79	1.22	1.37	0.0	0.0	5.685	1616.	38.	10.	766.4	27.5	1
1048	0	436	37.6222	88.6737	-628.7	QAL	6.50	3.69	1.03	0.567	3.577	6.306	1542.	43.	7.	767.4	27.6	1
1049	0	408	37.6229	88:6737	-626.7	QAL	5.97	1.79	1.16	0.300	1.551	5.167	1395.	44.	8.	766.4	27.6	1
1050	0	412	37.6235	88.6737	-624.7	QAL	5.02	2.36	1.17	0.471	2.026	4.298	1461.	42.	7.	766.4	27.5	1
1051	0	408	37.6240	88.6736	-622.7	QAL	5.26	2.83	1.24	0.539	2.283	4.238	1469.	33.	8.	767.4	27.5	1
1052	10	412	37.6247	88.6736	-622.5	QAL	9.19	1.04	0.98	0.0	0.0	9.407	1512.	39.	2.	766.9	27.5	1
1053	0	400	37.6252	88.6736	-620.5	QAL	5.83	2.84	1.02	0.488	2.801	5.740	1467.	47.	0.	766.9	27.5	1
1054	0	396	37.6258	88.6736	-619.0	QAL	6.84	2.16	1.24	0.316	1.742	5.510	1516.	48.	4.	767.4	27.5	1
1055	0	436	37.6264	88.6736	-618.2	QAL	8.11	2.38	1.26	0.293	1.895	6.461	1700.	40.	7.	767.4	27.5	1
1056	0	432	37.6270	88.6736	-615.7	QAL	8.28	2.14	1.25	0.258	1.715	6.642	1674.	41.	5.	769.0	27.5	1
1057	0	428	37.6276	88.6736	-614.0	QAL	7.49	3.43	1.49	0.458	2.297	5.018	1757.	37.	4.	768.5	27.5	1
1058	0	424	37.6282	88.6736	-615.0	QAL	6.53	4.63	1.59	0.709	2.919	4.118	1765.	42.	1.	768.0	27.6	1
1059	0	420	37.6288	88.6736	-612.2	QAL	6.39	3.70	1.35	0.579	2.735	4.726	1744.	36.	2.	768.5	27.6	1
1060	0	416	37.6294	88.6735	-612.0	QAL	8.07	3.38	1.38	0.419	2.440	5.828	1704.	46.	3.	769.5	27.6	1

CP9 1P 12
CP9 1P 12

*	TAGS		* LOCATION		*			REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1061	0	416	37.6300	88.6735	-611.2		QAL	7.42	3.71	1.08	0.501	3.441	6.875	1774.	34.	4.	768.5	27.5	1
1062	0	408	37.6306	88.6735	-609.2		QAL	7.49	2.35	1.33	0.313	1.762	5.628	1687.	40.	6.	768.0	27.6	1
1063	0	404	37.6312	88.6735	-607.2		QAL	5.96	3.12	1.25	0.524	2.492	4.760	1709.	38.	7.	769.0	27.6	1
1064	0	404	37.6318	88.6735	-608.5		QAL	9.29	3.01	1.00	0.324	3.009	9.281	1596.	54.	9.	769.5	27.6	1
1065	0	400	37.6323	88.6735	-606.5		QAL	7.81	2.50	1.00	0.320	2.494	7.805	1579.	29.	10.	769.5	27.6	1
1066	10	396	37.6330	88.6735	-604.7		QAL	7.20	1.50	1.14	0.0	0.0	6.344	1426.	35.	13.	769.5	27.6	1
1067	0	396	37.6335	88.6735	-603.7		QAL	5.97	2.46	0.77	0.412	3.207	7.792	1477.	40.	14.	768.0	27.5	1
1068	0	392	37.6341	88.6735	-601.2		QAL	7.51	1.65	0.92	0.220	1.783	8.121	1388.	55.	10.	768.5	27.5	1
1069	0	392	37.6348	88.6734	-601.7		QAL	5.89	2.03	1.05	0.344	1.935	5.627	1497.	40.	11.	769.0	27.5	1
1070	10	392	37.6353	88.6734	-600.2		QAL	7.93	1.14	0.99	0.0	0.0	7.976	1397.	38.	12.	769.0	27.4	1
1071	0	392	37.6359	88.6734	-598.7		QAL	6.68	2.97	1.11	0.445	2.688	6.041	1515.	31.	8.	770.0	27.4	1
1072	10	400	37.6365	88.6734	-597.0		QAL	7.39	0.39	0.95	0.0	0.0	7.753	1427.	37.	10.	771.1	27.5	1
1073	0	392	37.6371	88.6734	-597.5		QAL	6.89	3.23	1.01	0.468	3.210	6.855	1437.	54.	4.	770.5	27.4	1
1074	0	396	37.6377	88.6734	-599.0		QAL	6.44	3.06	0.92	0.476	3.341	7.024	1515.	46.	0.	770.0	27.4	1
1075	0	388	37.6383	88.6734	-600.5		QAL	6.12	2.76	1.20	0.451	2.290	5.080	1608.	34.	5.	769.0	27.4	1
1076	0	376	37.6389	88.6734	-600.2		PPS	8.71	3.03	1.26	0.348	2.405	6.917	1689.	35.	2.	769.0	27.4	1
1077	0	376	37.6395	88.6734	-598.5		PPS	8.28	5.00	0.73	0.604	6.881	11.394	1688.	36.	4.	768.0	27.4	1
1078	0	372	37.6401	88.6734	-596.0		PPS	7.93	5.37	1.05	0.677	5.090	7.520	1832.	48.	3.	766.9	27.5	1
1079	0	372	37.6407	88.6734	-592.7		PPS	7.43	2.84	1.57	0.383	1.813	4.733	1831.	37.	9.	767.4	27.4	1
1080	0	364	37.6412	88.6734	-591.7		PPS	7.22	3.82	1.32	0.530	2.887	5.450	1841.	32.	10.	769.5	27.4	1
1081	0	328	37.6418	88.6734	-591.5		PPS	7.59	3.19	1.37	0.421	2.335	5.551	1854.	38.	11.	770.5	27.4	1
1082	0	348	37.6424	88.6734	-591.7		PPS	9.97	3.94	0.99	0.395	3.982	10.081	1873.	44.	11.	771.1	27.4	1
1083	0	352	37.6430	88.6735	-591.0		PPS	8.44	2.76	1.16	0.327	2.378	7.270	1778.	41.	15.	770.0	27.3	1
1084	0	364	37.6436	88.6735	-584.7		PPS	6.56	2.78	1.23	0.423	2.251	5.317	1734.	33.	14.	769.0	27.3	1
1085	0	360	37.6442	88.6735	-576.2		PPS	7.72	3.17	1.28	0.410	2.467	6.010	1740.	45.	13.	768.5	27.3	1
1086	0	356	37.6447	88.6735	-573.7		PPS	6.94	1.96	1.10	0.282	1.780	6.320	1684.	43.	16.	768.5	27.3	1
1087	0	356	37.6453	88.6735	-579.0		PPS	6.35	4.09	1.18	0.643	3.466	5.390	1659.	40.	13.	769.5	27.4	1
1088	0	368	37.6459	88.6735	-580.2		PPS	9.66	3.52	1.24	0.365	2.850	7.818	1727.	36.	7.	770.5	27.4	1
1089	0	376	37.6465	88.6735	-578.7		PPS	9.39	1.61	1.45	0.171	1.108	6.478	1736.	41.	9.	770.5	27.4	1
1090	0	384	37.6471	88.6735	-577.2		PPS	7.14	3.29	1.37	0.461	2.407	5.220	1761.	31.	5.	769.5	27.4	1
1091	0	384	37.6477	88.6735	-576.2		PPS	6.74	3.31	1.29	0.491	2.571	5.237	1670.	38.	8.	768.5	27.3	1
1092	0	388	37.6482	88.6735	-576.2		PPS	5.19	3.87	1.23	0.745	3.148	4.225	1446.	49.	0.	767.4	27.3	1
1093	0	388	37.6488	88.6735	-576.7		PPS	4.98	2.99	0.89	0.600	3.339	5.569	1234.	34.	2.	767.4	27.3	1
1094	0	388	37.6494	88.6736	-572.0		PPS	5.76	2.95	0.73	0.512	4.061	7.933	1102.	45.	1.	768.5	27.4	1
1095	0	388	37.6500	88.6736	-570.2		PPS	3.72	1.44	0.62	0.388	2.326	6.000	911.	38.	3.	769.5	27.5	1
1096	0	392	37.6506	88.6736	-571.7		PPS	3.87	2.31	0.48	0.596	4.820	8.083	873.	47.	3.	769.5	27.5	1
1097	0	392	37.6512	88.6736	-568.2		PPS	2.50	1.81	0.40	0.723	4.473	6.189	793.	32.	7.	769.5	27.4	1
1098	10	392	37.6517	88.6736	-566.5		PPS	4.05	0.79	0.43	0.0	0.0	9.508	732.	43.	6.	770.5	27.4	1
1099	10	392	37.6523	88.6736	-565.2		PPS	4.68	0.16	0.50	0.0	0.0	9.335	607.	35.	7.	770.0	27.4	1
1100	0	388	37.6529	88.6736	-563.7		PPS	1.83	2.01	0.23	1.099	8.708	7.921	630.	35.	6.	769.0	27.4	1
1101	0	388	37.6535	88.6736	-562.5		PPS	3.45	2.65	0.39	0.769	6.744	8.770	789.	39.	7.	768.0	27.3	1
1102	10	384	37.6541	88.6736	-560.5		PPS	6.35	1.06	0.66	0.0	0.0	9.678	1171.	33.	5.	768.0	27.4	1
1103	0	384	37.6547	88.6736	-558.2		PPS	6.05	2.95	1.23	0.488	2.402	4.926	1557.	36.	5.	768.5	27.4	1
1104	0	376	37.6552	88.6736	-556.5		PPS	5.59	3.58	0.97	0.640	3.674	5.744	1550.	37.	8.	768.5	27.4	1
1105	10	372	37.6558	88.6737	-554.5		PPS	9.58	0.72	1.62	0.0	0.0	5.909	1689.	34.	4.	768.0	27.4	1
1106	0	372	37.6564	88.6737	-554.0		PPS	9.02	2.24	1.29	0.249	1.737	6.988	1623.	34.	7.	768.0	27.4	1
1107	0	372	37.6570	88.6737	-552.7		PPS	9.28	2.36	0.95	0.254	2.471	9.727	1660.	33.	8.	768.5	27.4	1
1108	0	380	37.6576	88.6737	-551.2		PPS	6.46	2.66	1.13	0.412	2.362	5.728	1680.	42.	8.	768.5	27.4	1
1109	10	384	37.6582	88.6737	-549.7		PPS	7.28	0.94	1.26	0.0	0.0	5.752	1614.	45.	9.	769.0	27.4	1
1110	0	388	37.6587	88.6737	-548.0		PPS	7.58	3.23	1.05	0.427	3.082	7.227	1674.	43.	9.	770.0	27.4	1
1111	0	388	37.6594	88.6737	-545.5		PPS	8.21	2.10	1.23	0.255	1.703	6.669	1661.	42.	10.	769.5	27.4	1
1112	0	368	37.6599	88.6737	-543.5		PPS	5.77	1.90	1.13	0.330	1.689	5.126	1489.	37.	9.	768.0	27.4	1
1113	0	328	37.6605	88.6737	-542.2		PPS	5.52	2.40	0.77	0.435	3.136	7.204	1443.	47.	10.	768.5	27.3	1

CP9 IP 12

FLIGHT LINE 105 DAY 178 REDUCED DATA TEX-KENT 1979 PADUCAH

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1114	0	324	37.6611	88.6737	-539.5	PPS	5.42	2.47	1.11	0.456	2.230	4.890	1516.	41.	10.	768.5	27.3	1
1115	0	324	37.6617	88.6738	-538.5	PPS	4.61	5.24	0.93	1.137	5.618	4.943	1586.	38.	9.	767.4	27.3	1
1116	0	332	37.6622	88.6738	-537.5	PPS	7.37	1.59	1.28	0.215	1.243	5.777	1617.	38.	9.	768.5	27.3	1
1117	0	396	37.6629	88.6738	-535.0	PPCA-1	8.18	2.89	1.11	0.353	2.590	7.335	1694.	46.	8.	768.0	27.3	1
1118	0	400	37.6634	88.6738	-532.7	PPCA-1	6.90	1.94	1.24	0.281	1.566	5.581	1671.	31.	10.	768.0	27.3	1
1119	0	404	37.6640	88.6738	-532.0	PPCA-1	7.91	1.78	1.36	0.225	1.309	5.822	1830.	44.	8.	770.0	27.2	1
1120	0	404	37.6646	88.6738	-530.2	PPCA-1	8.51	2.50	1.17	0.294	2.138	7.275	1753.	38.	11.	769.0	27.2	1
1121	0	408	37.6652	88.6739	-528.2	PPCA-1	7.14	4.01	1.26	0.562	3.178	5.659	1677.	40.	7.	769.0	27.3	1
1122	0	408	37.6658	88.6739	-525.7	PPCA-1	8.91	4.10	0.72	0.461	5.711	12.398	1684.	25.	8.	770.5	27.3	1
1123	0	412	37.6664	88.6739	-523.0	PPCA-1	5.23	4.09	1.09	0.783	3.745	4.783	1627.	37.	7.	769.5	27.3	1
1124	0	420	37.6669	88.6739	-521.7	PPCA-1	6.00	3.95	0.94	0.658	4.220	6.409	1661.	40.	6.	769.5	27.3	1
1125	0	424	37.6675	88.6739	-518.2	PPCA-1	8.52	3.12	1.03	0.366	3.018	8.245	1653.	31.	2.	768.5	27.3	1
1126	0	424	37.6681	88.6739	-516.7	PPCA-1	8.19	3.77	1.20	0.461	3.147	6.826	1704.	39.	0.	768.0	27.3	1
1127	0	420	37.6687	88.6739	-514.2	PPCA-1	6.83	3.97	0.94	0.581	4.220	7.266	1671.	38.	2.	769.0	27.3	1
1128	0	420	37.6693	88.6739	-512.7	PPCA-1	5.45	4.10	1.14	0.752	3.600	4.786	1533.	52.	1.	769.0	27.3	1
1129	0	420	37.6699	88.6739	-511.7	PPCA-1	8.30	4.02	1.05	0.485	3.816	7.873	1671.	30.	0.	769.0	27.3	1
1130	0	428	37.6704	88.6739	-508.7	PPCA-1	8.69	4.04	1.11	0.464	3.629	7.816	1652.	25.	0.	770.0	27.3	1
1131	0	436	37.6710	88.6739	-506.2	PPCA-1	8.25	4.31	0.87	0.523	4.939	9.444	1609.	45.	0.	769.5	27.3	1
1132	0	440	37.6716	88.6740	-505.2	PPCA-1	6.72	5.88	0.95	0.874	6.157	7.045	1715.	26.	2.	768.5	27.3	1
1133	0	448	37.6722	88.6740	-502.7	PPCA-1	5.97	4.31	1.10	0.722	3.906	5.412	1718.	34.	3.	767.4	27.3	1
1134	0	440	37.6728	88.6740	-499.7	PPCA-1	6.41	3.11	0.92	0.485	3.363	6.936	1541.	42.	9.	767.4	27.3	1
1135	0	444	37.6734	88.6740	-498.5	PPCA-1	4.56	5.53	0.67	1.215	8.240	6.784	1661.	38.	13.	767.4	27.3	1
1136	0	456	37.6739	88.6740	-496.7	PPCA-1	4.03	.40	0.94	1.341	5.770	4.303	1833.	43.	13.	768.5	27.3	1
1137	0	456	37.6745	88.6740	-495.5	PPCA-1	4.83	.67	1.25	1.382	5.361	3.878	2272.	50.	16.	769.0	27.3	1
1138	0	460	37.6751	88.6740	-493.2	PPCA-1	6.87	7.26	1.02	1.056	7.128	6.749	2402.	38.	16.	769.0	27.3	1
1139	0	452	37.6757	88.6740	-490.7	PPCA-1	6.83	6.62	1.49	0.968	4.440	4.586	2630.	30.	19.	768.0	27.3	1
1140	0	444	37.6763	88.6740	-489.0	PPCA-1	7.66	4.74	1.58	0.619	3.006	4.855	2623.	28.	18.	766.4	27.3	1
1141	0	444	37.6769	88.6740	-487.5	PPCA-1	7.28	6.36	1.59	0.873	4.001	4.582	2614.	44.	19.	766.4	27.3	1
1142	0	444	37.6774	88.6741	-484.2	PPCA-1	7.42	6.03	1.90	0.813	3.179	3.908	2687.	32.	19.	766.9	27.3	1
1143	0	444	37.6780	88.6741	-481.0	PPCA-1	10.70	5.33	1.76	0.498	3.039	6.098	2536.	51.	14.	765.9	27.2	1
1144	0	444	37.6786	88.6741	-479.7	PPCA-1	7.83	3.46	1.37	0.441	2.522	5.715	2288.	38.	21.	766.4	27.2	1
1145	0	464	37.6792	88.6741	-477.7	PPCA-1	6.24	2.49	1.50	0.400	1.668	4.174	2017.	42.	20.	768.5	27.2	1
1146	0	456	37.6798	88.6741	-475.7	PPCA-1	7.01	2.14	1.52	0.306	1.411	4.614	1898.	25.	18.	768.5	27.2	1
1147	0	452	37.6804	88.6741	-474.0	PPCA-1	7.12	3.21	1.32	0.451	2.423	5.377	1741.	40.	12.	769.5	27.2	1
1148	0	444	37.6809	88.6741	-472.0	PPCA-1	6.63	1.73	1.33	0.261	1.297	4.976	1751.	35.	12.	770.0	27.2	1
1149	0	440	37.6815	88.6741	-469.2	PPCA-1	6.87	4.84	1.17	0.704	4.151	5.894	1785.	42.	8.	768.0	27.1	1
1150	0	436	37.6821	88.6741	-466.5	PPCA-1	7.39	3.12	1.23	0.422	2.534	6.007	1673.	50.	8.	766.9	27.1	1
1151	0	440	37.6827	88.6741	-463.7	PPCA-1	8.42	3.50	1.28	0.416	2.738	6.578	1745.	30.	7.	766.9	27.1	1
1152	0	456	37.6833	88.6741	-463.0	PPCA-1	7.48	3.70	1.05	0.494	3.530	7.139	1719.	22.	4.	765.9	27.2	1
1153	0	460	37.6839	88.6742	-462.0	PPCA-1	7.21	1.98	1.13	0.275	1.753	6.365	1600.	24.	6.	765.9	27.2	1
1154	0	448	37.6844	88.6742	-459.2	PPCA-1	7.30	4.07	0.79	0.558	5.122	9.187	1488.	28.	9.	765.9	27.2	1
1155	0	460	37.6850	88.6742	-457.7	QAL	5.61	3.20	0.88	0.570	3.615	6.342	1480.	40.	7.	765.4	27.1	1
1156	0	476	37.6857	88.6742	-456.0	QAL	8.54	3.09	1.02	0.362	3.027	8.365	1586.	34.	8.	765.9	27.1	1
1157	0	472	37.6862	88.6742	-453.5	QAL	5.51	2.70	1.11	0.490	2.426	4.947	1572.	44.	8.	766.9	27.1	1
1158	0	468	37.6868	88.6742	-452.7	QAL	3.89	5.52	0.60	1.419	9.149	6.445	1543.	41.	6.	766.9	27.1	1
1159	0	472	37.6873	88.6742	-448.7	PPCA-1	8.35	2.80	1.09	0.335	2.570	7.662	1601.	47.	11.	765.9	27.1	1
1160	0	480	37.6879	88.6742	-447.0	PPCA-1	5.96	4.18	1.03	0.701	4.074	5.810	1650.	41.	13.	765.9	27.1	1
1161	10	484	37.6885	88.6742	-447.5	PPCA-1	7.28	-0.21	0.99	0.0	0.0	7.365	1549.	45.	15.	766.9	27.0	1
1162	10	484	37.6891	88.6742	-445.5	PPCA-1	9.23	1.02	0.95	0.0	0.0	9.705	1564.	35.	17.	767.4	27.0	1
1163	0	488	37.6897	88.6742	-443.5	PPCA-1	7.19	3.12	0.77	0.434	4.035	9.296	1579.	41.	14.	768.0	27.0	1
1164	10	488	37.6903	88.6743	-440.7	PPCA-1	8.50	0.84	1.33	0.0	0.0	6.380	1640.	42.	18.	768.0	27.0	1
1165	10	480	37.6909	88.6743	-441.0	PPCA-1	7.60	1.36	1.07	0.0	0.0	7.121	1575.	43.	20.	766.9	27.0	1
1166	10	476	37.6914	88.6743	-438.7	PPCA-1	6.12	0.70	1.32	0.0	0.0	4.632	1602.	42.	23.	765.9	27.0	1

CP9 1P 12
CP9 1P 12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1167	10	476	37.6921	88.6743	-436.7	PPCA-1	7.64	1.02	1.36	0.0	0.0	5.626	1669.	33.	19.	765.9	27.1	1
1168	10	480	37.6927	88.6743	-436.0	PPCA-1	7.59	0.29	1.30	0.0	0.0	5.861	1589.	33.	17.	764.9	27.1	1
1169	0	492	37.6932	88.6743	-434.5	PPCA-1	6.19	2.70	1.24	0.436	2.174	4.980	1615.	49.	16.	765.4	27.1	1
1170	10	504	37.6938	88.6743	-432.5	PPCA-1	8.25	-0.18	1.36	0.0	0.0	6.076	1595.	40.	16.	767.4	27.1	1
1171	10	496	37.6944	88.6743	-432.7	PPCA-1	7.89	1.08	1.05	0.0	0.0	7.523	1612.	44.	13.	767.4	27.1	1
1172	0	492	37.6949	88.6743	-430.2	PPCA-1	7.15	3.23	1.15	0.451	2.801	6.213	1573.	32.	8.	767.4	27.0	1
1173	0	484	37.6956	88.6743	-429.2	PPCA-1	4.74	1.76	1.17	0.371	1.501	4.050	1609.	35.	12.	766.4	27.0	1
1174	0	480	37.6962	88.6743	-429.0	PPCA-1	8.11	2.36	1.10	0.291	2.148	7.371	1567.	41.	8.	764.9	27.1	1
1175	0	476	37.6967	88.6744	-427.2	PPCA-1	5.03	4.49	0.94	0.892	4.774	5.350	1444.	40.	5.	764.9	27.0	1
1176	0	468	37.6973	88.6744	-426.0	PPCA-1	5.77	2.22	1.13	0.385	1.967	5.110	1527.	51.	4.	765.9	27.0	1
1177	0	460	37.6979	88.6744	-424.0	PPCA-1	6.33	2.47	1.23	0.390	2.000	5.127	1594.	33.	2.	766.4	27.0	1
1178	0	460	37.6984	88.6744	-424.0	PPCA-1	8.34	3.61	0.61	0.433	5.923	13.673	1543.	45.	0.	767.4	27.0	1
1179	0	452	37.6991	88.6744	-424.0	PPCA-1	6.02	3.74	0.88	0.620	4.232	6.823	1516.	57.	0.	767.4	27.0	1
1180	0	448	37.6997	88.6744	-423.2	PPCA-1	6.64	1.89	1.22	0.284	1.541	5.421	1521.	45.	0.	765.9	27.1	1
1181	0	448	37.7002	88.6744	-422.2	PPCA-1	6.87	4.06	0.93	0.591	4.371	7.395	1523.	42.	4.	764.3	27.1	1
1182	0	452	37.7008	88.6744	-421.0	PPCA-1	5.76	3.99	0.87	0.693	4.575	6.602	1596.	46.	9.	765.4	27.1	1
1183	0	452	37.7014	88.6744	-421.0	PPCA-1	5.76	3.42	0.91	0.594	3.760	6.333	1484.	50.	10.	766.4	27.1	1
1184	0	424	37.7020	88.6744	-421.2	PPCA-1	6.54	3.82	1.09	0.583	3.497	5.996	1651.	40.	12.	766.4	27.1	1
1185	0	408	37.7026	88.6744	-420.5	PPCA-1	4.45	2.77	0.87	0.623	3.190	5.121	1478.	35.	16.	766.4	27.1	1
1186	10	412	37.7032	88.6745	-421.2	PPCA-1	6.10	1.39	1.06	0.0	0.0	5.771	1370.	44.	15.	765.4	27.1	1
1187	0	412	37.7037	88.6745	-421.5	PPCA-1	2.28	4.39	0.85	1.919	5.152	2.684	1296.	45.	13.	765.4	27.1	1
1188	0	408	37.7043	88.6745	-419.5	PPCA-1	2.17	2.52	0.98	1.162	2.563	2.206	1297.	41.	18.	766.4	27.1	1
1189	0	408	37.7049	88.6745	-419.7	PPCA-1	3.45	3.52	0.86	1.018	4.090	4.018	1306.	38.	11.	767.4	27.1	1
1190	0	412	37.7055	88.6745	-420.5	PPCA-1	4.55	3.24	0.78	0.713	4.169	5.847	1416.	40.	14.	765.4	27.1	1
1191	0	420	37.7061	88.6746	-422.2	PPCA-1	5.80	2.06	0.84	0.355	2.463	6.947	1458.	33.	13.	764.3	27.1	1
1192	0	404	37.7066	88.6746	-422.0	PPCA-1	5.90	3.22	0.90	0.546	3.579	6.557	1354.	33.	8.	765.4	27.1	1
1193	0	412	37.7072	88.6746	-422.0	PPCA-1	4.72	1.50	0.91	0.319	1.659	5.202	1222.	47.	9.	767.4	27.1	1
1194	0	420	37.7078	88.6746	-423.2	PPCA-1	4.75	2.75	0.73	0.579	3.781	6.527	1194.	44.	9.	767.4	27.1	1
1195	0	424	37.7084	88.6746	-424.0	PPCA-1	4.32	2.68	1.18	0.620	2.270	3.662	1305.	42.	10.	765.4	27.1	1
1196	0	440	37.7090	88.6746	-423.2	PPCA-1	4.69	2.98	1.26	0.635	2.369	3.732	1606.	29.	12.	765.4	27.1	1
1197	0	448	37.7096	88.6746	-425.5	PPCA-1	3.97	3.42	1.15	0.860	2.972	3.455	1609.	43.	12.	766.9	27.1	1
1198	0	452	37.7101	88.6746	-425.5	PPCA-1	6.36	2.75	1.24	0.433	2.215	5.116	1682.	38.	11.	765.9	27.1	1
1199	0	452	37.7107	88.6746	-424.7	PPCA-1	7.92	1.97	1.20	0.248	1.635	6.585	1704.	46.	9.	764.9	27.1	1
1200	10	456	37.7113	88.6746	-425.2	PPCA-1	6.30	0.91	1.38	0.0	0.0	4.558	1614.	41.	13.	766.4	27.1	1
1201	0	428	37.7119	88.6746	-427.0	PPCA-1	4.48	3.51	1.28	0.783	2.734	3.491	1516.	31.	10.	767.4	27.1	1
1202	0	452	37.7125	88.6747	-426.7	PPCA-1	7.44	2.70	0.77	0.363	3.501	9.652	1425.	23.	9.	765.4	27.1	1
1203	0	460	37.7131	88.6747	-426.5	PPCA-1	3.87	2.47	0.77	0.637	3.212	5.039	1302.	28.	10.	763.8	27.0	1
1204	0	464	37.7137	88.6747	-429.0	PPCA-1	5.20	1.94	1.09	0.372	1.784	4.794	1321.	34.	9.	765.9	27.0	1
1205	0	464	37.7142	88.6747	-427.7	PPCA-1	5.90	4.15	0.85	0.704	4.896	6.956	1389.	54.	9.	766.9	27.0	1
1206	10	456	37.7148	88.6747	-427.0	PPCA-1	5.80	1.28	1.34	0.0	0.0	4.338	1442.	48.	12.	765.9	27.1	1
1207	10	448	37.7154	88.6747	-428.7	PPCA-1	4.18	1.24	0.98	0.0	0.0	4.282	1481.	36.	11.	764.9	27.0	1
1208	0	448	37.7160	88.6747	-428.5	PPCA-1	5.78	2.79	1.03	0.483	2.716	5.618	1490.	33.	8.	765.4	27.0	1
1209	0	456	37.7166	88.6747	-428.7	PPCA-1	5.18	3.26	0.95	0.630	3.453	5.479	1517.	56.	9.	766.4	27.0	1
1210	0	480	37.7171	88.6747	-430.0	PPCA-1	6.38	3.33	1.25	0.522	2.667	5.104	1709.	30.	7.	765.4	27.1	1
1211	0	480	37.7177	88.6747	-430.0	PPCA-1	3.99	5.44	1.46	1.363	3.735	2.741	1729.	41.	5.	764.3	27.0	1
1212	0	464	37.7184	88.6747	-430.2	PPCA-1	6.45	4.49	0.85	0.696	5.273	7.577	1707.	31.	8.	765.4	27.0	1
1213	0	476	37.7189	88.6748	-431.5	PPCA-1	4.49	4.18	1.08	0.931	3.858	4.143	1735.	42.	10.	766.4	27.0	1
1214	0	472	37.7195	88.6748	-431.7	PPCA-1	6.34	2.16	0.87	0.340	2.478	7.288	1763.	46.	13.	765.4	27.0	1
1215	0	468	37.7201	88.6748	-431.2	PPCA-1	5.64	1.71	1.18	0.304	1.450	4.769	1772.	31.	13.	765.4	26.9	1
1216	0	480	37.7206	88.6748	-431.0	PPCA-1	7.15	2.49	1.19	0.348	2.093	6.012	1870.	35.	11.	765.4	26.9	1
1217	0	460	37.7212	88.6748	-431.7	PPCA-1	8.69	3.83	0.94	0.441	4.069	9.233	1902.	38.	15.	766.4	26.9	1
1218	0	460	37.7218	88.6749	-432.0	PPCA-1	5.76	3.54	0.69	0.615	5.100	8.293	1755.	37.	16.	765.4	26.9	1
1219	0	456	37.7224	88.6749	-431.7	PPCA-1	6.64	4.01	0.85	0.604	4.729	7.834	1744.	29.	10.	764.3	26.9	1

CP 9 IP 12
CP 9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1220	10	484	37.7230	88.6749	-432.0	PPCA-1	6.29	0.95	1.28	0.0	0.0	4.902	1721.	42.	18.	765.4	26.9	1
1221	0	448	37.7236	88.6749	-430.5	PPCA-1	4.06	3.78	0.87	0.931	4.321	4.643	1506.	39.	13.	767.4	26.9	1
1222	10	472	37.7242	88.6749	-429.0	QAL	6.23	1.63	1.15	0.0	0.0	5.400	1455.	35.	12.	765.4	26.9	1
1223	10	500	37.7247	88.6749	-429.5	QAL	6.05	0.61	0.92	0.0	0.0	6.555	1263.	31.	14.	764.3	26.9	1
1224	0	500	37.7254	88.6749	-428.2	QAL	1.97	2.21	0.27	1.122	8.264	7.367	779.	47.	12.	765.9	26.9	1
1225	110	520	37.7259	88.6749	-427.2	QAL	1.32	1.38	0.37	0.0	0.0	0.0	566.	46.	10.	765.9	26.9	1
1226	110	532	37.7265	88.6749	-428.5	QAL	1.30	-0.87	0.21	0.0	0.0	0.0	404.	41.	13.	764.9	27.0	1
1227	111	536	37.7271	88.6749	-428.7	QAL	0.81	-0.25	0.12	0.0	0.0	0.0	334.	39.	10.	765.4	27.1	1
1228	111	540	37.7277	88.6749	-426.2	QAL	-0.03	-0.40	-0.05	0.0	0.0	0.0	219.	37.	13.	765.4	27.0	1
1229	111	540	37.7283	88.6749	-427.0	QAL	0.38	-0.48	0.12	0.0	0.0	0.0	261.	44.	11.	764.3	27.0	1
1230	111	544	37.7289	88.6749	-427.0	QAL	1.04	0.09	0.06	0.0	0.0	0.0	301.	43.	11.	764.3	27.0	1
1231	110	544	37.7295	88.6749	-426.0	QAL	1.17	-0.89	0.37	0.0	0.0	0.0	476.	41.	11.	765.4	26.9	1
1232	10	540	37.7300	88.6749	-425.0	QAL	1.67	0.70	0.32	0.0	0.0	5.158	661.	38.	11.	765.4	26.9	1
1233	0	540	37.7306	88.6749	-426.5	QAL	1.85	4.10	0.32	2.216	12.638	5.702	931.	42.	6.	764.3	26.9	1
1234	0	540	37.7312	88.6747	-425.7	QAL	4.50	2.79	0.84	0.621	3.332	5.365	1301.	43.	7.	764.9	26.9	1
1235	0	544	37.7318	88.6747	-424.5	QAL	6.08	3.94	1.04	0.648	3.802	5.868	1473.	49.	4.	765.9	26.9	1
1236	0	536	37.7324	88.6747	-424.2	QAL	8.68	3.85	1.25	0.444	3.088	6.956	1615.	44.	2.	765.9	26.9	1
1237	0	536	37.7330	88.6747	-421.5	QAL	7.68	2.09	1.21	0.272	1.721	6.326	1650.	29.	11.	765.4	26.9	1
1238	0	532	37.7336	88.6747	-420.0	PPCA-1	6.39	2.48	1.25	0.389	1.987	5.113	1721.	44.	8.	764.3	26.9	1
1239	0	532	37.7342	88.6747	-419.5	PPCA-1	6.24	4.21	1.19	0.675	3.537	5.240	1764.	31.	6.	764.3	27.0	1
1240	0	528	37.7347	88.6747	-417.2	PPCA-1	8.21	2.42	1.22	0.295	1.979	6.712	1649.	30.	14.	765.4	27.1	1
1241	10	524	37.7353	88.6747	-415.2	PPCA-1	8.30	1.57	1.25	0.0	0.0	6.659	1729.	32.	11.	764.3	27.1	1
1242	0	520	37.7359	88.6747	-413.2	PPCA-1	6.96	2.57	0.99	0.369	2.599	7.042	1600.	44.	14.	764.9	27.1	1
1243	0	512	37.7365	88.6747	-412.0	PPCA-1	8.38	2.40	1.46	0.287	1.645	5.738	1742.	45.	8.	765.9	27.1	1
1244	0	512	37.7371	88.6747	-409.5	PPCA-1	6.92	2.48	1.31	0.358	1.897	5.301	1577.	49.	13.	764.9	27.2	1
1245	0	508	37.7377	88.6746	-410.7	PPCA-1	7.24	2.24	0.93	0.310	2.414	7.796	1543.	44.	13.	765.4	27.2	1
1246	0	512	37.7383	88.6746	-413.0	PPCA-1	6.44	1.94	1.24	0.301	1.557	5.179	1541.	47.	12.	764.9	27.2	1
1247	10	520	37.7389	88.6746	-411.5	PPCA-1	7.11	1.01	1.58	0.0	0.0	4.503	1638.	39.	12.	764.9	27.1	1
1248	0	524	37.7395	88.6746	-408.0	PPCA-1	7.91	2.49	1.19	0.315	2.092	6.637	1627.	42.	15.	766.4	27.2	1
1249	0	524	37.7401	88.6746	-404.0	PPCA-1	6.21	2.11	1.42	0.339	1.482	4.371	1574.	42.	14.	764.9	27.1	1
1250	[illegible]	516	37.7406	88.6746	-401.0	QAL	6.85	3.39	1.00	0.495	3.381	6.827	1587.	35.	10.	763.8	27.2	1
1251	[illegible]	516	37.7412	88.6746	-396.7	QAL	8.50	2.41	0.99	0.283	2.432	8.589	1653.	32.	10.	766.4	27.2	1
1252	[illegible]	512	37.7418	88.6746	-395.0	QAL	6.33	1.47	1.25	0.0	0.0	5.057	1515.	35.	9.	766.4	27.2	1
1253	[illegible]	504	37.7424	88.6746	-392.7	QAL	8.06	2.87	1.01	0.357	2.841	7.964	1518.	38.	4.	765.9	27.2	1
1254	10	508	37.7430	88.6746	-392.5	QAL	8.22	1.47	1.15	0.0	0.0	7.165	1536.	31.	8.	766.9	27.2	1
1255	0	504	37.7436	88.6745	-390.7	QAL	6.79	1.90	1.27	0.281	1.503	5.354	1514.	36.	6.	766.4	27.2	1
1256	0	504	37.7442	88.6745	-387.5	QAL	6.39	4.37	1.23	0.685	3.557	5.195	1624.	37.	3.	765.9	27.2	1
1257	0	500	37.7447	88.6745	-384.2	QAL	5.74	3.44	0.96	0.598	3.563	5.955	1556.	36.	8.	766.4	27.2	1
1258	0	496	37.7453	88.6745	-381.0	QAL	6.66	4.48	0.74	0.672	6.084	9.052	1630.	35.	4.	766.9	27.2	1
1259	0	492	37.7459	88.6745	-378.0	QAL	6.06	3.22	1.10	0.532	2.940	5.526	1515.	51.	8.	766.4	27.2	1
1260	0	484	37.7465	88.6745	-374.5	QAL	6.20	4.34	1.05	0.700	4.134	5.906	1514.	42.	4.	765.4	27.2	1
1261	0	484	37.7471	88.6745	-371.7	QAL	8.84	3.73	1.17	0.422	3.182	7.535	1536.	41.	4.	766.4	27.2	1
1262	0	476	37.7477	88.6745	-368.5	QAL	8.66	1.89	1.35	0.219	1.402	6.411	1533.	44.	4.	765.9	27.2	1
1263	0	476	37.7483	88.6745	-366.0	QAL	6.39	3.49	1.05	0.547	3.344	6.118	1468.	62.	4.	765.4	27.1	1
1264	0	480	37.7489	88.6745	-361.0	QAL	8.91	2.54	1.11	0.285	2.298	8.053	1570.	51.	4.	766.9	27.1	1
1265	0	480	37.7494	88.6745	-357.0	QAL	8.07	3.70	0.93	0.459	3.998	8.708	1599.	28.	0.	766.4	27.1	1
1266	0	484	37.7501	88.6744	-354.0	QAL	7.37	4.23	0.78	0.575	5.434	9.454	1594.	47.	5.	766.4	27.1	1
1267	0	480	37.7507	88.6744	-351.0	QAL	6.04	3.86	0.97	0.640	3.983	6.226	1601.	52.	7.	766.4	27.1	1
1268	0	472	37.7512	88.6744	-350.2	PPM	8.48	2.62	1.09	0.308	2.402	7.788	1617.	37.	7.	765.4	27.1	1
1269	0	464	37.7518	88.6744	-348.5	PPM	6.70	4.23	1.40	0.632	3.032	4.795	1588.	45.	9.	765.9	27.1	1
1270	0	472	37.7524	88.6744	-344.2	PPM	7.27	2.04	1.20	0.281	1.700	6.053	1577.	35.	13.	766.9	27.1	1
1271	10	468	37.7530	88.6744	-340.2	QAL	5.69	1.40	1.26	0.0	0.0	4.500	1560.	31.	13.	765.4	27.0	1
1272	0	456	37.7536	88.6744	-337.0	QAL	5.93	2.06	1.29	0.347	1.598	4.602	1696.	38.	19.	765.4	27.0	1

CP9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1273	10	444	37.7542	88.6744	-333.0	PPM	6.69	0.97	1.11	0.0	0.0	6.006	1590.	40.	22.	766.4	27.0	1
1274	10	444	37.7548	88.6744	-328.2	PPM	7.46	1.44	1.24	0.0	0.0	6.028	1678.	37.	21.	765.4	27.1	1
1275	10	440	37.7554	88.6744	-327.0	PPM	8.61	1.01	1.12	0.0	0.0	7.708	1628.	40.	21.	764.9	27.1	1
1276	10	452	37.7559	88.6744	-323.5	PPM	7.32	0.63	1.15	0.0	0.0	6.354	1574.	33.	21.	765.9	27.1	1
1277	10	436	37.7565	88.6743	-319.2	PPM	6.90	0.60	0.93	0.0	0.0	7.426	1525.	37.	19.	765.4	27.1	1
1278	10	500	37.7571	88.6743	-315.7	PPM	8.06	1.89	0.94	0.0	0.0	8.541	1554.	53.	18.	765.4	27.2	1
1279	10	504	37.7577	88.6743	-313.2	PPM	6.99	0.91	1.27	0.0	0.0	5.514	1639.	43.	19.	765.9	27.1	1
1280	0	496	37.7583	88.6743	-312.5	PPM	5.75	1.95	1.26	0.339	1.551	4.569	1640.	41.	14.	764.9	27.1	1
1281	10	484	37.7589	88.6743	-314.0	PPM	6.53	1.39	1.07	0.0	0.0	6.080	1731.	43.	15.	764.9	27.1	1
1282	0	472	37.7595	88.6743	-312.7	PPM	4.57	3.79	1.25	0.828	3.037	3.666	1578.	53.	10.	765.4	27.2	1
1283	0	464	37.7601	88.6743	-309.5	PPM	5.42	2.52	1.18	0.465	2.143	4.608	1621.	39.	8.	765.9	27.2	1
1284	0	460	37.7606	88.6743	-306.7	PPM	5.80	5.17	0.83	0.891	6.232	6.998	1557.	37.	7.	765.4	27.2	1
1285	0	468	37.7612	88.6743	-303.7	PPM	5.62	3.79	0.72	0.675	5.241	7.769	1492.	27.	10.	765.4	27.2	1
1286	10	460	37.7618	88.6743	-300.0	PPM	6.41	0.06	1.17	0.0	0.0	5.495	1440.	56.	14.	765.9	27.2	1
1287	0	452	37.7624	88.6742	-296.0	PPM	5.50	2.50	0.93	0.454	2.670	5.882	1499.	53.	10.	765.4	27.1	1
1288	10	436	37.7630	88.6742	-294.0	PPM	9.28	1.64	1.09	0.0	0.0	8.497	1607.	43.	7.	764.9	27.2	1
1289	0	428	37.7635	88.6742	-290.0	PPM	6.71	3.78	1.21	0.563	3.135	5.566	1730.	37.	10.	765.4	27.1	1
1290	10	412	37.7642	88.6742	-287.2	PPM	7.65	0.58	1.34	0.0	0.0	5.689	1672.	42.	15.	764.9	27.2	1
1291	0	372	37.7648	88.6742	-285.5	PPM	10.48	2.03	1.00	0.193	2.025	10.468	1538.	37.	8.	764.9	27.1	1
1292	0	396	37.7654	88.6742	-280.7	PPM	5.72	2.85	1.08	0.499	2.636	5.282	1572.	42.	10.	765.4	27.1	1
1293	0	364	37.7659	88.6742	-278.0	PPM	6.95	1.95	1.08	0.281	1.808	6.443	1518.	35.	7.	764.9	27.1	1
1294	0	352	37.7665	88.6742	-274.2	PPM	7.18	2.62	0.94	0.365	2.776	7.608	1475.	34.	6.	764.9	27.2	1
1295	0	364	37.7671	88.6742	-268.2	PPM	7.38	3.17	0.90	0.429	3.522	8.204	1497.	31.	4.	765.4	27.1	1
1296	0	396	37.7677	88.6742	-262.5	PPM	4.73	3.74	0.87	0.791	4.299	5.437	1564.	31.	3.	765.4	27.2	1
1297	0	420	37.7683	88.6742	-256.7	PPM	7.48	2.72	1.02	0.364	2.665	7.320	1526.	39.	0.	765.4	27.1	1
1298	0	460	37.7689	88.6741	-256.7	PPM	5.59	3.83	0.95	0.685	4.041	5.900	1573.	42.	6.	765.4	27.1	1
1299	0	448	37.7695	88.6741	-259.0	PPM	6.75	3.47	1.19	0.515	2.918	5.670	1563.	41.	2.	765.4	27.1	1
1300	0	444	37.7701	88.6741	-258.7	PPM	7.87	3.90	1.15	0.496	3.396	6.853	1704.	36.	6.	765.4	27.1	1
1301	10	448	37.7706	88.6741	-257.5	PPM	8.51	1.06	1.32	0.0	0.0	6.429	1604.	48.	10.	765.9	27.1	1
1302	10	448	37.7712	88.6741	-256.2	PPM	6.29	1.62	1.18	0.0	0.0	5.344	1653.	39.	13.	765.9	27.1	1
1303	0	460	37.7718	88.6741	-253.0	PPM	7.42	2.54	1.17	0.343	2.170	6.331	1720.	28.	11.	765.4	27.1	1
1304	10	468	37.7724	88.6741	-251.5	PPM	8.89	0.99	1.07	0.0	0.0	8.323	1609.	37.	13.	765.4	27.1	1
1305	0	468	37.7730	88.6741	-248.2	PPM	7.15	2.24	1.42	0.314	1.581	5.039	1653.	35.	12.	764.9	27.2	1
1306	0	476	37.7736	88.6741	-244.7	PPM	5.11	2.43	1.04	0.476	2.335	4.904	1540.	36.	12.	764.9	27.3	1
1307	0	480	37.7742	88.6741	-242.5	PPM	7.44	2.97	0.87	0.399	3.400	8.523	1519.	41.	10.	765.4	27.3	1
1308	0	492	37.7747	88.6741	-239.7	PPM	6.82	2.44	0.84	0.358	2.914	8.152	1560.	41.	8.	765.4	27.2	1
1309	0	492	37.7754	88.6740	-237.7	PPM	6.31	2.93	1.03	0.465	2.841	6.107	1545.	41.	5.	765.4	27.2	1
1310	0	488	37.7759	88.6740	-236.7	PPM	8.73	3.84	1.08	0.440	3.571	8.113	1764.	36.	2.	766.4	27.2	1
1311	0	480	37.7765	88.6740	-233.7	QAL	6.52	3.01	1.22	0.462	2.477	5.364	1624.	42.	4.	765.9	27.2	1
1312	0	476	37.7771	88.6740	-232.5	QAL	8.18	3.70	0.90	0.453	4.134	9.132	1524.	37.	3.	766.4	27.2	1
1313	0	488	37.7777	88.6740	-231.5	QAL	5.29	2.18	1.27	0.412	1.722	4.177	1637.	48.	7.	766.9	27.2	1
1314	0	488	37.7783	88.6740	-229.0	QAL	8.93	2.11	1.01	0.236	2.080	8.818	1624.	35.	11.	765.9	27.2	1
1315	10	488	37.7789	88.6740	-226.7	QAL	7.51	1.60	1.04	0.0	0.0	7.211	1480.	34.	10.	765.9	27.1	1
1316	10	484	37.7795	88.6740	-224.7	QAL	6.03	0.56	1.20	0.0	0.0	5.020	1481.	46.	16.	766.9	27.2	1
1317	0	480	37.7801	88.6740	-222.7	QAL	6.24	3.64	0.77	0.584	4.757	8.148	1529.	40.	16.	766.4	27.1	1
1318	10	480	37.7807	88.6740	-221.0	PPM	8.48	0.07	1.35	0.0	0.0	6.296	1577.	41.	20.	765.4	27.1	1
1319	10	484	37.7812	88.6739	-218.2	PPM	8.49	0.31	1.18	0.0	0.0	7.175	1566.	33.	19.	765.4	27.1	1
1320	10	480	37.7818	88.6739	-217.0	PPM	7.42	0.92	0.99	0.0	0.0	7.504	1591.	39.	18.	766.4	27.1	1
1321	10	480	37.7824	88.6739	-215.2	PPM	8.46	1.55	0.91	0.0	0.0	9.304	1521.	50.	19.	766.4	27.1	1
1322	0	488	37.7830	88.6739	-214.5	PPM	7.18	2.45	1.01	0.340	2.427	7.127	1677.	37.	15.	765.4	27.1	1
1323	10	488	37.7836	88.6739	-215.0	PPM	7.41	0.71	1.41	0.0	0.0	5.236	1591.	33.	13.	765.4	27.1	1
1324	0	488	37.7842	88.6739	-213.2	PPM	7.22	3.70	1.13	0.512	3.262	6.367	1711.	27.	9.	766.9	27.2	1
1325	0	488	37.7848	88.6739	-212.7	PPM	6.62	2.54	1.25	0.384	2.034	5.296	1625.	40.	9.	766.9	27.2	1

CP9 IP12

FLIGHT LINE 105 DAY 178 REDUCED DATA TEX-KENT 1979 PADUCAH PAGE NO 734

* TAGS *			LOCATION *				REDUCED DATA											
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
1326	0	488	37.7854	88.6739	-210.2	PPM	7.64	3.16	1.12	0.413	2.827	6.841	1679.	38.	8.	764.9	27.2	1
1327	0	492	37.7859	88.6739	-211.5	PPM	6.54	4.74	0.77	0.724	6.117	8.447	1606.	46.	9.	764.3	27.2	1
1328	0	492	37.7865	88.6739	-210.2	PPM	7.56	2.68	1.19	0.354	2.253	6.365	1652.	31.	7.	765.4	27.2	1
1329	0	480	37.7871	88.6739	-208.5	PPM	6.95	1.85	1.29	0.266	1.439	5.405	1692.	32.	8.	765.4	27.2	1
1330	0	472	37.7877	88.6738	-208.7	PPM	7.66	4.06	1.35	0.531	3.008	5.666	1683.	43.	7.	765.4	27.2	1
1331	10	468	37.7883	88.6738	-207.0	PPM	7.78	1.65	1.17	0.0	0.0	6.637	1644.	37.	10.	765.4	27.1	1
1332	0	464	37.7888	88.6738	-205.7	PPM	4.97	1.91	1.39	0.384	1.370	3.566	1707.	42.	16.	765.4	27.1	1
1333	10	472	37.7895	88.6738	-204.7	PPM	6.34	1.37	1.28	0.0	0.0	4.949	1591.	41.	12.	764.9	27.1	1
1334	10	464	37.7901	88.6738	-203.7	PPM	7.36	1.13	1.19	0.0	0.0	6.178	1626.	23.	8.	765 9	27.1	1
1335	0	460	37.7906	88.6738	-202.7	PPM	7.09	3.94	0.95	0.555	4.156	7.487	1506.	51.	8.	766.4	27.1	1
1336	0	456	37.7912	88.6738	-203.2	PPM	6.05	3.63	0.89	0.600	4.099	6.830	1536.	41.	9.	765.4	27.2	1
1337	0	456	37.7919	88.6738	-202.7	PPM	6.44	1.93	1.26	0.300	1.528	5.094	1568.	40.	14.	764.9	27.1	1
1338	0	456	37.7924	88.6738	-200.5	PPM	7.10	2.87	1.26	0.404	2.279	5.638	1715.	35.	15.	765.4	27.2	1
1339	0	452	37.7930	88.6738	-200.0	PPM	8.19	3.68	0.81	0.450	4.539	10.094	1708.	37.	12.	764.9	27.1	1
1340	10	444	37.7936	88.6737	-199.7	PPM	8.34	1.19	1.18	0.0	0.0	7.058	1604.	37.	11.	764.9	27.1	1
1341	10	444	37.7942	88.6737	-200.0	PPM	7.27	1.26	1.51	0.0	0.0	4.824	1655.	40.	14.	765.4	27.1	1
1342	0	444	37.7948	88.6737	-201.5	PPM	4.95	3.31	0.98	0.668	3.377	5.057	1592.	40.	15.	765.4	27.1	1
1343	10	444	37.7953	88.6737	-202.2	PPM	10.46	0.78	1.23	0.0	0.0	8.515	1601.	52.	13.	764.9	27.1	1
1344	0	440	37.7959	88.6737	-202.0	PPM	6.40	2.42	1.20	0.378	2.012	5.328	1682.	35.	13.	765.4	27.1	1
1345	10	436	37.7965	88.6737	-201.2	PPM	7.73	0.78	1.32	0.0	0.0	5.866	1731.	39.	15.	766.4	27.1	1
1346	0	436	37.7971	88.6737	-201.2	PPM	8.15	1.95	1.41	0.240	1.384	5.772	1733.	27.	17.	765.9	27.2	1
1347	0	436	37.7977	88.6737	-200.5	PPM	5.23	2.84	1.13	0.544	2.518	4.633	1618.	38.	14.	764.9	27.1	1
1348	0	440	37.7982	88.6737	-201.2	PPM	8.01	2.09	0.88	0.261	2.385	9.144	1519.	42.	16.	765.9	27.2	1
1349	10	440	37.7988	88.6736	-202.7	PPM	7.14	0.54	1.27	0.0	0.0	5.637	1556.	41.	17.	766.4	27.1	1
1350	10	448	37.7993	88.6736	-202.0	PPM	4.48	1.54	1.32	0.0	0.0	3.386	1537.	44.	15.	765.4	27.1	1
1351	0	444	37.7999	88.6736	-202.2	PPM	7.13	1.84	1.09	0.259	1.696	6.560	1576.	46.	9.	765.4	27.1	1
1352	0	452	37.8005	88.6736	-202.5	PPM	6.93	3.94	1.21	0.569	3.268	5.746	1580.	42.	7.	765.4	27.2	1
1353	0	464	37.8011	88.6736	-204.2	PPM	7.33	3.55	1.02	0.485	3.492	7.206	1559.	35.	8.	765.4	27.2	1
1354	0	476	37.8017	88.6736	-205.5	PPM	6.59	1.93	1.25	0.292	1.539	5.262	1700.	38.	6.	764.9	27.2	1
1355	0	480	37.8023	88.6736	-205.0	PPM	7.79	2.19	1.18	0.281	1.857	6.598	1593.	48.	6.	765.4	27.2	1
1356	0	480	37.8029	88.6736	-207.0	PPM	7.15	2.85	1.07	0.399	2.673	6.700	1527.	42.	8.	765.4	27.3	1
1357	10	484	37.8034	88.6735	-207.5	PPM	6.86	1.14	1.37	0.0	0.0	5.006	1625.	31.	10.	764.9	27.2	1
1358	0	484	37.8040	88.6735	-207.7	PPM	8.07	3.12	1.12	0.387	2.794	7.218	1634.	26.	12.	765.4	27.3	1
1359	10	492	37.8046	88.6735	-209.2	PPM	9.08	0.09	1.21	0.0	0.0	7.521	1655.	40.	13.	765.4	27.3	1
1360	10	500	37.8052	88.6735	-210.0	PPM	7.64	-0.35	1.18	0.0	0.0	6.492	1618.	40.	14.	764.9	27.3	1
1361	0	504	37.8057	88.6735	-210.0	PPM	8.68	4.14	0.99	0.477	4.205	8.809	1651.	42.	11.	765.4	27.3	1
1362	10	508	37.8063	88.6735	-211.7	PPM	7.69	1.43	0.78	0.0	0.0	9.811	1504.	42.	16.	765.4	27.4	1
1363	10	512	37.8069	88.6735	-214.2	PPM	7.76	-0.03	1.26	0.0	0.0	6.177	1510.	47.	16.	764.3	27.4	1
1364	0	516	37.8074	88.6735	-217.0	PPM	6.79	3.21	0.94	0.473	3.399	7.187	1462.	61.	15.	764.3	27.4	1
1365	0	516	37.8080	88.6734	-217.5	PPM	7.09	2.98	0.75	0.421	3.957	9.400	1572.	39.	8.	764.9	27.4	1
1366	0	516	37.8086	88.6734	-218.7	PPM	7.71	5.72	0.91	0.742	6.276	8.454	1476.	35.	5.	764.9	27.3	1
1367	0	512	37.8092	88.6734	-221.5	PPM	7.98	3.14	1.02	0.393	3.082	7.832	1583.	32.	4.	765.4	27.3	1
1368	0	512	37.8098	88.6734	-223.7	PPM	6.40	2.00	1.32	0.312	1.512	4.842	1590.	37.	4.	765.4	27.3	1
1369	0	508	37.8104	88.6734	-225.5	PPM	8.73	4.44	0.99	0.509	4.487	8.818	1634.	41.	1.	764.3	27.2	1
1370	0	508	37.8109	88.6734	-227.0	PPM	7.05	2.68	0.94	0.380	2.849	7.490	1645.	48.	7.	764.3	27.2	1
1371	0	512	37.8115	88.6734	-226.7	PPM	7.36	3.73	0.99	0.507	3.757	7.416	1619.	48.	5.	764.3	27.2	1
1372	0	516	37.8121	88.6734	-227.5	PPM	8.23	2.49	0.87	0.303	2.867	9.457	1638.	31.	8.	765.4	27.2	1
1373	0	516	37.8127	88.6734	-229.0	PPM	5.29	2.77	0.84	0.524	3.283	6.270	1519.	33.	14.	765.4	27.2	1
1374	0	516	37.8132	88.6733	-232.0	PPM	6.51	2.07	1.36	0.318	1.518	4.774	1618.	37.	15.	764.9	27.1	1
1375	10	516	37.8138	88.6733	-236.0	PPM	9.13	1.42	0.90	0.0	0.0	10.160	1564.	39.	13.	764.9	27.1	1
1376	10	516	37.8144	88.6733	-240.2	PPM	8.57	1.40	1.10	0.0	0.0	7.784	1635.	29.	12.	765.4	27.2	1
1377	0	516	37.8150	88.6733	-242.7	QAL	7.43	2.38	0.95	0.321	2.514	7.836	1586.	34.	14.	765.4	27.2	1
1378	0	524	37.8156	88.6733	-243.7	QAL	6.71	2.02	1.01	0.301	1.994	6.619	1496.	46.	12.	764.3	27.2	1

CP9 1P12

CP9 1P12

*	TAGS		* LOCATION		*			REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1379	0	528	37.8161	88.6733	-246.5		QAL	6.60	3.02	0.80	0.458	3.777	8.256	1587.	33.	16.	764.3	27.2	1
1380	0	528	37.8167	88.6733	-249.2		QAL	8.09	2.22	1.06	0.274	2.102	7.657	1624.	42.	14.	765.4	27.3	1
1381	10	528	37.8172	88.6733	-251.5		QAL	7.38	0.95	1.59	0.0	0.0	4.630	1576.	41.	13.	764.9	27.3	1
1382	0	532	37.8179	88.6732	-254.2		QAL	4.24	4.85	0.57	1.145	8.579	7.493	1551.	45.	17.	764.3	27.3	1
1383	10	532	37.8185	88.6732	-257.7		QAL	7.07	1.59	0.96	0.0	0.0	7.327	1569.	36.	16.	765.4	27.3	1
1384	10	536	37.8190	88.6732	-260.0		QAL	8.98	1.06	0.98	0.0	0.0	9.132	1473.	40.	15.	765.4	27.4	1
1385	0	544	37.8196	88.6732	-262.2		QAL	4.79	2.01	1.63	0.420	1.235	2.941	1561.	43.	15.	764.9	27.3	1
1386	10	544	37.8202	88.6732	-266.2		QAL	6.94	0.65	1.14	0.0	0.0	6.101	1510.	28.	15.	764.9	27.3	1
1387	0	540	37.8208	88.6732	-268.0		QAL	8.22	3.07	0.77	0.373	3.958	10.609	1515.	50.	10.	764.3	27.3	1
1388	10	544	37.8213	88.6732	-270.0		PPM	6.73	1.45	1.10	0.0	0.0	6.124	1459.	41.	10.	763.3	27.3	1
1389	0	548	37.8219	88.6732	-274.5		PPM	6.29	3.37	0.95	0.535	3.537	6.608	1526.	34.	9.	763.8	27.3	1
1390	10	552	37.8225	88.6731	-277.2		PPM	8.10	0.96	1.10	0.0	0.0	7.385	1388.	37.	11.	764.9	27.2	1
1391	0	560	37.8230	88.6731	-279.5		PPM	5.20	2.92	0.90	0.561	3.233	5.765	1439.	47.	9.	763.8	27.4	1
1392	0	560	37.8236	88.6731	-283.7		PPM	6.66	3.07	1.01	0.461	3.041	6.595	1449.	28.	7.	764.3	27.7	1
1393	0	556	37.8242	88.6731	-287.0		PPM	7.86	4.14	0.84	0.528	4.915	9.315	1501.	43.	6.	764.9	27.8	1
1394	0	556	37.8248	88.6731	-289.2		PPM	4.05	4.02	1.13	0.991	3.567	3.598	1419.	29.	9.	764.9	27.7	1
1395	10	552	37.8253	88.6731	-292.2		PPM	8.48	0.37	0.98	0.0	0.0	8.616	1486.	47.	12.	764.9	27.7	1
1396	0	548	37.8260	88.6731	-296.2		QAL	4.00	3.36	0.79	0.840	4.237	5.041	1508.	36.	9.	763.8	27.7	1
1397	0	548	37.8266	88.6731	-300.2		QAL	5.23	2.41	1.00	0.462	2.405	5.208	1473.	43.	10.	764.3	27.7	1
1398	10	544	37.8271	88.6731	-303.2		QAL	8.45	1.64	0.88	0.0	0.0	9.603	1464.	48.	10.	765.9	27.5	1
1399	0	540	37.8277	88.6730	-306.5		PPM	6.30	4.69	1.25	0.744	3.740	5.025	1590.	36.	7.	765.9	27.2	1
1400	0	536	37.8283	88.6730	-308.7		PPM	7.77	2.13	0.99	0.274	2.146	7.829	1549.	41.	10.	765.4	27.3	1
1401	0	536	37.8288	88.6730	-312.2		PPM	6.36	3.20	1.18	0.502	2.719	5.414	1613.	41.	12.	765.4	27.3	1
1402	10	544	37.8294	88.6730	-317.5		PPM	8.01	1.93	0.91	0.0	0.0	8.762	1518.	41.	13.	764.3	27.4	1
1403	10	548	37.8300	88.6730	-319.2		QAL	8.58	1.90	1.21	0.0	0.0	7.098	1601.	30.	9.	764.3	27.3	1
1404	10	552	37.8306	88.6730	-323.0		QAL	7.60	0.77	1.25	0.0	0.0	6.077	1646.	36.	14.	764.9	27.3	1
1405	0	552	37.8311	88.6730	-327.0		QAL	8.17	2.25	1.16	0.275	1.935	7.030	1552.	52.	12.	764.3	27.7	1
1406	0	552	37.8317	88.6730	-330.5		QAL	8.13	2.05	1.10	0.252	1.868	7.415	1587.	43.	8.	764.3	27.7	1
1407	0	552	37.8323	88.6729	-335.0		PPM	7.20	2.90	1.17	0.403	2.474	6.135	1599.	33.	6.	764.9	27.2	1
1408	0	552	37.8329	88.6729	-336.7		PPM	6.77	3.05	1.25	0.451	2.441	5.417	1576.	48.	11.	764.3	27.2	1
1409	10	548	37.8334	88.6729	-341.0		QAL	5.41	1.07	1.35	0.0	0.0	4.010	1488.	33.	9.	764.3	27.2	1
1410	0	548	37.8341	88.6729	-345.0		QAL	5.20	4.21	1.13	0.809	3.717	4.597	1605.	48.	6.	765.4	27.3	1
1411	0	544	37.8346	88.6729	-348.5		QAL	5.00	3.23	1.28	0.646	2.527	3.908	1730.	42.	6.	765.4	27.7	1
1412	10	540	37.8352	88.6729	-352.0		QAL	8.59	1.96	1.32	0.0	0.0	6.505	1666.	32.	10.	764.3	27.7	1
1413	10	536	37.8358	88.6729	-355.5		QAL	10.79	1.49	1.18	0.0	0.0	9.134	1740.	25.	8.	764.3	27.7	1
1414	0	536	37.8363	88.6729	-359.2		QAL	6.84	3.24	1.56	0.474	2.075	4.377	1682.	41.	8.	764.9	27.8	1
1415	10	536	37.8369	88.6728	-364.0		QAL	9.08	1.53	1.38	0.0	0.0	6.582	1744.	32.	13.	764.9	27.8	1
1416	0	536	37.837	88.6728	-366.7		QAL	8.05	4.03	1.33	0.500	3.020	6.034	1691.	53.	7.	764.9	27.8	1
1417	0	540	37.8	88.6728	-370.7		QAL	7.59	2.33	0.95	0.307	2.449	7.991	1542.	39.	11.	764.9	27.9	1
1418	10	544	37. .7	88.6728	-373.5		QAL	6.11	1.81	1.11	0.0	0.0	5.502	1623.	37.	12.	765.9	27.8	1
1419	0	548	37. 92	88.6728	-376.2		QAL	5.76	2.84	0.99	0.493	2.858	5.801	1646.	42.	10.	764.9	27.5	1
1420	10	548	37.8398	88.6728	-381.0		QAL	10.03	1.63	0.78	0.0	0.0	12.817	1488.	33.	8.	764.9	27.4	1
1421	0	524	37.8404	88.6728	-382.7		QAL	6.80	2.81	1.23	0.413	2.273	5.510	1524.	35.	4.	764.3	27.4	1
1422	0	508	37.8410	88.6728	-386.2		QAL	4.90	1.93	0.83	0.393	2.312	5.879	1329.	56.	9.	764.3	27.4	1
1423	0	508	37.8415	88.6728	-389.2		QAL	8.18	3.01	0.85	0.368	3.556	9.665	1358.	48.	7.	765.4	27.3	1
1424	0	504	37.8422	88.6727	-391.2		QAL	6.41	3.25	0.68	0.507	4.771	9.415	1359.	46.	8.	764.9	27.3	1
1425	0	528	37.8427	88.6727	-395.0		QAL	8.09	3.58	1.05	0.443	3.423	7.730	1516.	40.	7.	764.3	27.4	1
1426	0	544	37.8433	88.6727	-399.0		QAL	4.82	4.18	1.21	0.867	3.451	3.982	1538.	45.	12.	765.4	27.4	1
1427	0	540	37.8439	88.6727	-401.2		QAL	6.94	2.22	1.14	0.319	1.942	6.085	1586.	38.	12.	764.9	27.4	1
1428	0	540	37.8444	88.6727	-405.5		QAL	7.42	3.58	1.15	0.482	3.119	6.470	1571.	37.	7.	764.9	27.4	1
1429	10	540	37.8450	88.6727	-410.0		QAL	9.56	1.93	1.28	0.0	0.0	7.444	1579.	38.	8.	765.4	27.4	1
1430	10	544	37.8456	88.6727	-411.7		QAL	9.22	0.76	1.31	0.0	0.0	7.035	1547.	50.	6.	764.9	27.4	1
1431	0	548	37.8462	88.6727	-414.2		QAL	6.73	3.22	1.05	0.478	3.072	6.425	1625.	43.	6.	765.4	27.4	1

CP9 IP 12

* TAGS *			* LOCATION *				REDUCED DATA												*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS	
1432	0	548	37.8467	88.6727	-417.7	QAL	5.60	2.22	1.41	0.397	1.578	3.977	1514.	46.	4.	765.4	27.4	1	
1433	0	544	37.8473	88.6727	-420.5	QAL	7.00	2.58	1.18	0.369	2.195	5.943	1522.	31.	5.	764.9	27.3	1	
1434	10	540	37.8479	88.6726	-423.2	QAL	6.46	1.41	0.96	0.0	0.0	6.744	1392.	48.	5.	765.4	27.3	1	
1435	0	536	37.8485	88.6726	-425.7	QAL	9.07	1.88	0.99	0.207	1.895	9.136	1514.	41.	3.	765.4	27.3	1	
1436	10	536	37.8490	88.6726	-428.0	QAL	9.10	1.75	1.30	0.0	0.0	6.985	1552.	34.	5.	764.9	27.3	1	
1437	0	532	37.8497	88.6726	-430.5	QAL	6.83	3.12	0.94	0.457	3.313	7.247	1455.	51.	7.	765.4	27.3	1	
1438	0	532	37.8502	88.6726	-431.7	QAL	7.81	2.61	1.00	0.334	2.609	7.810	1495.	49.	10.	765.4	27.4	1	
1439	0	532	37.8508	88.6726	-434.2	QAL	7.67	2.26	1.04	0.295	2.178	7.380	1473.	41.	6.	764.9	27.4	1	
1440	10	528	37.8514	88.6725	-437.0	QAL	6.81	1.44	1.09	0.0	0.0	6.235	1497.	33.	9.	765.4	27.3	1	
1441	0	524	37.8520	88.6725	-437.2	QAL	5.61	2.81	0.93	0.500	3.029	6.052	1445.	47.	10.	765.4	27.3	1	
1442	0	516	37.8525	88.6725	-441.2	QAL	6.27	2.25	0.96	0.359	2.359	6.564	1514.	38.	11.	765.9	27.3	1	
1443	0	512	37.8531	88.6725	-445.2	QAL	8.37	2.17	0.97	0.260	2.246	8.640	1490.	32.	9.	766.4	27.3	1	
1444	0	508	37.8537	88.6725	-446.2	QAL	6.90	2.05	1.18	0.297	1.739	5.850	1487.	38.	12.	765.9	27.3	1	
1445	0	500	37.8543	88.6725	-448.5	QAL	6.12	3.45	1.12	0.564	3.081	5.460	1472.	35.	9.	765.4	27.3	1	
1446	10	488	37.8548	88.6725	-450.2	QAL	6.64	0.69	1.22	0.0	0.0	5.434	1435.	44.	14.	766.4	27.3	1	
1447	0	452	37.8554	88.6725	-452.0	QAL	5.35	3.69	0.87	0.690	4.218	6.115	1461.	47.	10.	766.4	27.4	1	
1448	0	440	37.8560	88.6724	-454.2	QAL	5.71	1.79	0.97	0.313	1.838	5.878	1410.	50.	14.	766.9	27.7	1	
1449	0	440	37.8566	88.6724	-455.5	QAL	6.82	1.83	1.20	0.268	1.525	5.688	1493.	40.	8.	766.9	27.9	1	
1450	0	432	37.8571	88.6724	-457.0	QAL	6.37	3.02	0.98	0.473	3.092	6.531	1564.	34.	10.	765.4	27.8	1	
1451	0	412	37.8577	88.6724	-458.2	QAL	4.92	3.77	0.93	0.766	4.043	5.280	1442.	42.	4.	765.9	27.8	1	
1452	0	408	37.8583	88.6724	-460.2	QAL	4.64	4.87	0.93	1.050	5.259	5.010	1490.	49.	6.	766.9	27.8	1	
1453	0	412	37.8589	88.6724	-461.7	QAL	5.69	3.30	1.30	0.580	2.536	4.373	1598.	44.	5.	766.4	27.4	1	
1454	0	428	37.8595	88.6724	-463.2	QAL	6.86	2.88	1.00	0.420	2.867	6.832	1578.	36.	3.	765.9	27.4	1	
1455	0	444	37.8600	88.6724	-465.5	QAL	6.45	2.35	1.36	0.364	1.734	4.760	1665.	42.	3.	766.9	27.4	1	
1456	0	448	37.8606	88.6724	-467.7	QAL	8.23	2.72	1.23	0.331	2.210	6.674	1569.	43.	0.	766.9	27.4	1	
1457	0	464	37.8612	88.6723	-468.2	QAL	5.46	3.83	0.96	0.702	3.992	5.687	1596.	47.	5.	765.4	27.3	1	
1458	0	476	37.8618	88.6723	-469.5	QAL	5.17	2.79	1.18	0.540	2.377	4.402	1585.	54.	5.	765.4	27.4	1	
1459	0	480	37.8624	88.6723	-469.5	QAL	8.89	2.31	1.10	0.260	2.091	8.054	1542.	49.	1.	765.9	27.3	1	
1460	0	484	37.8629	88.6723	-470.0	QAL	8.45	1.73	0.84	0.205	2.059	10.034	1555.	34.	6.	765.9	27.3	1	
1461	0	496	37.8635	88.6723	-471.5	QAL	6.27	3.46	1.13	0.551	3.058	5.549	1513.	41.	9.	766.4	27.3	1	
1462	0	496	37.8641	88.6723	-473.5	PPB	6.14	1.69	1.34	0.275	1.259	4.572	1467.	47.	5.	766.4	27.3	1	
1463	0	496	37.8647	88.6723	-473.0	PPB	4.89	2.83	1.03	0.580	2.751	4.745	1546.	50.	12.	765.9	27.2	1	
1464	0	496	37.8652	88.6723	-474.7	PPB	5.71	1.96	1.21	0.343	1.621	4.726	1649.	32.	14.	766.4	27.3	1	
1465	0	492	37.8659	88.6722	-476.2	PPB	7.69	1.99	1.02	0.259	1.956	7.540	1663.	41.	12.	765.9	27.3	1	
1466	10	488	37.8664	88.6722	-474.0	PPB	7.91	0.48	1.23	0.0	0.0	6.456	1603.	45.	18.	765.9	27.3	1	
1467	0	480	37.8670	88.6722	-473.7	PPB	6.13	2.26	1.18	0.368	1.920	5.210	1642.	42.	18.	766.4	27.3	1	
1468	10	472	37.8676	88.6722	-476.5	PPB	8.54	1.56	1.28	0.0	0.0	6.656	1641.	50.	13.	765.4	27.3	1	
1469	0	468	37.8681	88.6722	-477.7	PPB	7.42	2.50	0.80	0.336	3.139	9.330	1573.	50.	13.	765.9	27.3	1	
1470	10	472	37.8687	88.6722	-478.7	PPB	8.93	1.62	1.04	0.0	0.0	8.568	1629.	41.	17.	766.9	27.3	1	
1471	0	468	37.8693	88.6722	-478.2	PPB	8.29	3.07	0.82	0.371	3.739	10.087	1664.	32.	12.	764.9	27.2	1	
1472	0	464	37.8699	88.6722	-479.7	PPB	7.10	4.52	1.23	0.636	3.671	5.772	1716.	32.	6.	766.4	27.2	1	
1473	10	464	37.8704	88.6722	-480.5	PPB	6.96	1.35	1.29	0.0	0.0	5.384	1637.	45.	9.	766.9	27.2	1	
1474	0	464	37.8710	88.6722	-480.5	QAL	5.54	2.03	1.20	0.366	1.691	4.623	1621.	43.	5.	765.9	27.3	1	
1475	0	472	37.8716	88.6722	-481.7	QAL	7.79	3.42	1.41	0.439	2.421	5.520	1694.	37.	7.	766.9	27.3	1	
1476	0	476	37.8722	88.6722	-480.7	QAL	6.08	2.36	1.27	0.388	1.860	4.792	1626.	38.	5.	765.4	27.4	1	
1477	0	476	37.8727	88.6721	-479.7	QAL	7.07	3.98	1.09	0.562	3.660	6.510	1659.	32.	4.	765.9	27.4	1	
1478	0	476	37.8733	88.6721	-481.0	QAL	7.22	3.43	0.96	0.475	3.561	7.503	1553.	50.	3.	768.0	27.5	1	
1479	0	476	37.8739	88.6721	-480.7	QAL	8.70	3.32	1.03	0.381	3.211	8.423	1527.	27.	6.	765.9	27.5	1	
1480	0	472	37.8745	88.6721	-480.2	QAL	6.65	1.68	1.10	0.253	1.530	6.047	1466.	27.	9.	766.4	27.5	1	
1481	10	468	37.8751	88.6721	-480.0	QAL	8.36	0.97	0.99	0.0	0.0	8.460	1482.	46.	8.	768.0	27.4	1	
1482	0	464	37.8757	88.6720	-480.5	QAL	9.45	3.44	0.81	0.364	4.241	11.659	1568.	28.	8.	765.9	27.4	1	
1483	0	444	37.8762	88.6720	-480.0	QAL	6.13	1.91	1.01	0.312	1.895	6.067	1413.	48.	11.	768.0	27.4	1	
1484	0	452	37.8768	88.6720	-479.7	QAL	6.73	3.32	0.74	0.493	4.478	9.075	1552.	42.	11.	768.0	27.5	1	

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1485	0	448	37.8774	88.6720	-481.2	QAL	7.08	2.88	0.89	0.407	3.248	7.989	1478.	39.	8.	764.3	27.4	1
1486	0	444	37.8780	88.6720	-480.7	QAL	8.42	2.45	1.27	0.291	1.932	6.642	1578.	38.	5.	766.4	27.5	1
1487	0	440	37.8785	88.6720	-479.5	QAL	10.20	3.62	0.90	0.355	4.003	11.288	1569.	35.	5.	767.4	27.4	1
1488	0	440	37.8791	88.6720	-480.0	QAL	6.89	3.51	0.81	0.508	4.330	8.518	1516.	34.	7.	765.4	27.5	1
1489	0	440	37.8797	88.6720	-479.7	QAL	5.62	2.64	1.22	0.469	2.157	4.598	1531.	47.	6.	767.4	27.5	1
1490	0	440	37.8803	88.6719	-478.2	QAL	7.65	2.41	0.99	0.315	2.430	7.714	1514.	40.	8.	768.0	27.5	1
1491	10	436	37.8808	88.6719	-478.5	QAL	9.05	1.58	1.09	0.0	0.0	8.310	1598.	39.	11.	766.9	27.5	1
1492	0	432	37.8814	88.6719	-479.7	QAL	7.24	2.36	1.07	0.326	2.207	6.763	1671.	26.	9.	768.0	27.5	1
1493	0	428	37.8820	88.6719	-478.5	QAL	9.15	2.52	1.[illegible]	0.276	1.851	6.711	1685.	35.	7.	766.4	27.5	1
1494	0	420	37.8826	88.6719	-478.0	QAL	5.53	2.91	1.12	0.527	2.597	4.928	1596.	32.	10.	766.4	27.5	1
1495	10	416	37.8832	88.6719	-477.7	QAL	8.34	0.95	1.16	0.0	0.0	7.218	1594.	40.	9.	768.0	27.5	1
1496	0	412	37.8837	88.6719	-477.5	PPB	8.14	3.30	0.86	0.406	3.845	9.465	1558.	39.	5.	766.9	27.5	1
1497	0	412	37.8843	88.6719	-477.0	PPB	6.44	2.75	1.01	0.427	2.734	6.399	1562.	38.	8.	767.4	27.6	1
1498	0	408	37.8849	88.6718	-476.0	PPB	6.84	2.14	1.00	0.314	2.152	6.862	1602.	39.	9.	769.0	27.5	1
1499	0	408	37.8855	88.6718	-474.0	PPB	4.94	3.85	0.95	0.778	4.057	5.216	1568.	54.	7.	767.4	27.6	1
1500	0	408	37.8860	88.6718	-473.0	PPB	3.93	2.56	1.14	0.650	2.244	3.450	1519.	42.	9.	768.0	27.9	1
1501	0	408	37.8866	88.6718	-474.0	PPB	6.19	4.21	1.12	0.680	3.744	5.508	1614.	29.	3.	768.5	28.0	1
1502	0	408	37.8872	88.6718	-472.0	PPB	8.59	2.29	1.03	0.267	2.226	8.346	1583.	47.	7.	768.0	28.0	1
1503	0	408	37.8878	88.6718	-470.7	PPB	7.21	1.78	1.29	0.246	1.376	5.584	1599.	45.	6.	769.0	28.0	1
1504	0	412	37.8883	88.6718	-469.2	PPB	7.14	3.36	1.16	0.470	2.887	6.141	1668.	32.	5.	769.5	27.6	1
1505	0	416	37.8889	88.6718	-467.5	PPB	8.23	1.77	1.33	0.215	1.332	6.202	1580.	37.	5.	767.4	27.5	1
1506	0	424	37.8895	88.6718	-467.2	PPB	7.66	4.23	0.98	0.551	4.327	7.849	1592.	27.	0.	767.4	27.6	1
1507	0	432	37.8900	88.6718	-468.2	PPB	8.32	2.14	1.29	0.257	1.659	6.449	1715.	28.	6.	768.0	27.5	1
1508	0	436	37.8906	88.6718	-468.2	PPB	7.00	3.22	1.22	0.461	2.634	5.716	1578.	40.	3.	767.4	27.5	1
1509	0	444	37.8912	88.6718	-466.2	PPB	8.41	1.62	1.04	0.192	1.561	8.112	1524.	49.	4.	766.9	27.4	1
1510	0	448	37.8917	88.6719	-464.7	PPB	7.00	5.03	0.97	0.718	5.166	7.192	1691.	33.	0.	766.9	27.4	1
1511	0	452	37.8922	88.6719	-463.2	PPB	7.50	4.14	1.01	0.552	4.108	7.441	1683.	50.	4.	765.9	27.3	1
1512	0	456	37.8927	88.6719	-464.0	PPB	7.62	4.11	1.19	0.540	3.469	6.420	1648.	36.	2.	766.4	27.2	1
1513	0	456	37.8933	88.6719	-461.2	QAL	7.00	3.58	0.90	0.512	3.985	7.783	1634.	38.	4.	766.9	27.3	1
1514	0	464	37.8938	88.6719	-460.0	QAL	7.04	3.47	0.89	0.492	3.912	7.945	1636.	49.	6.	765.9	27.2	1
1515	0	464	37.8943	88.6719	-460.7	QAL	8.30	2.79	1.03	0.336	2.717	8.083	1607.	33.	6.	767.4	27.2	1
1516	0	472	37.8949	88.6719	-460.0	QAL	5.35	2.76	1.16	0.517	2.376	4.597	1590.	38.	9.	767.4	27.6	1
1517	0	476	37.8954	88.6719	-457.5	QAL	6.76	3.03	1.18	0.448	2.560	5.714	1651.	40.	11.	766.9	27.6	1
1518	10	472	37.8960	88.6720	-456.2	QAL	6.61	0.36	1.39	0.0	0.0	4.747	1527.	46.	11.	768.0	27.2	1
1519	0	468	37.8965	88.6720	-456.0	QAL	6.81	2.61	1.02	0.383	2.546	6.650	1550.	42.	12.	765.9	27.2	1
1520	0	456	37.8970	88.6720	-45[illegible].0	QAL	7.80	2.86	1.07	0.366	2.666	7.276	1552.	44.	11.	766.4	27.2	1
1521	0	444	37.8976	88.6720	-452.7	QAL	6.88	2.99	1.17	0.434	2.563	5.899	1634.	25.	13.	768.0	27.3	1
1522	0	432	37.8982	88.6720	-452.5	QAL	7.96	1.88	1.14	0.236	1.639	6.954	1637.	36.	12.	766.9	27.6	1
1523	0	424	37.8987	88.6720	-451.0	PPB	5.35	4.08	0.75	0.762	5.413	7.101	1582.	37.	15.	768.0	27.4	1
1524	0	424	37.8992	88.6720	-447.7	PPB	7.89	2.26	1.09	0.287	2.071	7.218	1568.	46.	14.	767.4	27.2	1
1525	10	420	37.8998	88.6720	-445.7	PPB	6.75	1.16	1.14	0.0	0.0	5.913	1479.	44.	14.	765.4	27.3	1
1526	0	424	37.9003	88.6722	-445.5	PPB	7.60	1.85	1.05	0.244	1.765	7.238	1547.	38.	17.	767.4	27.4	1
1527	10	424	37.9008	88.6721	-445.2	PPB	8.34	-0.16	1.64	0.0	0.0	5.076	1596.	39.	16.	766.4	27.4	1
1528	0	424	37.9014	88.6721	-443.7	PPB	8.78	2.82	0.75	0.321	3.740	11.644	1616.	36.	18.	766.4	27.4	1
1529	0	424	37.9019	88.6721	-442.5	PPB	4.84	2.82	0.90	0.584	3.142	5.383	1561.	38.	15.	769.0	27.4	1
1530	0	420	37.9025	88.6722	-441.7	PPB	7.23	2.10	1.34	0.290	1.570	5.411	1615.	32.	14.	766.9	27.5	1
1531	10	420	37.9030	88.6722	-439.2	PPB	8.34	1.76	1.18	0.0	0.0	7.060	1720.	44.	17.	765.9	27.4	1
1532	10	420	37.9035	88.6722	-435.7	PPB	8.70	1.34	1.32	0.0	0.0	6.614	1684.	46.	9.	768.0	27.5	1
1533	0	412	37.9041	88.6722	-435.7	PPB	7.47	2.24	1.41	0.300	1.587	5.293	1651.	40.	12.	766.4	27.5	1
1534	0	408	37.9046	88.6723	-436.5	PPB	5.10	3.67	0.89	0.719	4.146	5.766	1637.	31.	10.	765.9	27.5	1
1535	0	416	37.9052	88.6723	-434.7	PPB	6.50	3.15	1.00	0.485	3.159	6.510	1565.	50.	7.	766.4	27.6	1
1536	0	424	37.9057	88.6723	-433.0	PPB	9.19	3.58	1.00	0.390	3.585	9.191	1679.	28.	2.	765.4	27.5	1
1537	0	432	37.9063	88.6723	-432.2	PPB	8.54	4.17	1.14	0.488	3.651	7.479	1651.	32.	3.	765.9	27.5	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1538	0	444	37.9068	88.6723	-429.2	PPB	9.81	2.58	1.00	0.263	2.591	9.847	1580.	39.	5.	766.4	27.4	1
1539	0	456	37.9073	88.6723	-426.5	PPB	6.62	1.74	1.06	0.263	1.638	6.224	1478.	45.	4.	765.9	27.4	1
1540	0	464	37.9079	88.6723	-427.0	PPB	6.62	3.95	1.00	0.597	3.961	6.637	1585.	39.	5.	766.4	27.4	1
1541	10	464	37.9084	88.6723	-424.0	PPB	7.89	1.05	1.23	0.0	0.0	6.402	1597.	37.	6.	766.4	27.3	1
1542	0	464	37.9090	88.6724	-421.7	PPB	7.94	3.30	1.02	0.415	3.241	7.802	1680.	32.	5.	766.9	27.3	1
1543	0	456	37.9095	88.6724	-421.5	PPB	7.37	4.34	0.98	0.588	4.424	7.522	1514.	41.	8.	766.4	27.3	1
1544	0	448	37.9101	88.6724	-420.7	PPB	8.05	1.79	1.15	0.223	1.556	6.994	1579.	43.	8.	764.9	27.3	1
1545	0	444	37.9106	88.6724	-420.0	PPB	9.72	3.57	1.00	0.367	3.581	9.755	1639.	31.	6.	765.4	27.3	1
1546	0	444	37.9111	88.6724	-417.5	PPB	8.45	1.41	1.17	0.0	0.0	7.235	1559.	50.	11.	764.9	27.3	1
1547	0	444	37.9117	88.6724	-416.7	PPB	7.65	3.11	1.02	0.407	3.064	7.538	1614.	32.	7.	764.9	27.4	1
1548	0	452	37.9122	88.6724	-415.5	PPB	6.54	2.92	.29	0.446	2.266	5.085	1602.	39.	8.	765.4	27.4	1
1549	0	460	37.9128	88.6724	-414.2	PPB	7.53	3.03	1.14	0.403	2.653	6.591	1561.	42.	7.	764.3	27.3	1
1550	0	452	37.9133	88.6725	-411.7	PPB	7.85	4.13	1.11	0.526	3.721	7.081	1682.	48.	6.	765.4	27.3	1
1551	0	444	37.9139	88.6725	-411.0	PPB	7.02	2.24	1.28	0.318	1.746	5.483	1666.	38.	6.	765.4	27.3	1
1552	0	436	37.9144	88.6725	-409.7	PPB	8.20	3.25	1.38	0.396	2.356	5.953	1699.	31.	3.	764.9	27.3	1
1553	0	428	37.9149	88.6725	-407.0	PPB	6.46	2.99	0.83	0.463	3.611	7.796	1610.	45.	6.	766.9	27.3	1
1554	0	440	37.9155	88.6725	-405.2	PPB	7.87	2.61	1.42	0.331	1.838	5.546	1661.	44.	8.	765.9	27.3	1
1555	0	440	37.9160	88.6725	-404.5	PPB	6.38	2.88	0.85	0.451	3.397	7.528	1609.	32.	8.	764.3	27.2	1
1556	10	444	37.9166	88.6725	-404.0	PPB	7.80	0.99	1.39	0.0	0.0	5.601	1645.	33.	10.	766.4	27.2	1
1557	10	464	37.9171	88.6725	-402.7	PPB	6.28	1.66	1.19	0.0	0.0	5.271	1648.	38.	12.	765.4	27.2	1
1558	0	472	37.9176	88.6726	-401.2	QAL	8.03	1.99	1.06	0.248	1.876	7.553	1657.	50.	15.	763.8	27.2	1
1559	0	476	37.9182	88.6726	-400.5	QAL	6.69	3.17	0.87	0.474	3.643	7.682	1524.	41.	14.	765.4	27.1	1
1560	0	504	37.9187	88.6726	-398.7	QAL	6.44	2.43	1.06	0.377	2.299	6.095	1634.	39.	15.	763.8	27.1	1
1561	10	504	37.9193	88.6727	-396.5	PPB	7.55	1.66	1.06	0.0	0.0	7.151	1587.	37.	15.	764.3	27.0	1
1562	10	496	37.9198	88.6727	-395.0	PPB	7.75	1.05	1.17	0.0	0.0	6.648	1515.	48.	18.	766.4	27.1	1
1563	0	484	37.9203	88.6727	-394.2	PPB	8.13	2.71	1.28	0.333	2.110	6.329	1642.	34.	14.	763.8	27.0	1
1564	10	472	37.9209	88.6727	-392.5	PPB	7.67	1.25	1.16	0.0	0.0	6.631	1590.	53.	9.	764.3	27.1	1
1565	0	460	37.9214	88.6727	-390.5	PPB	10.29	3.71	1.06	0.361	3.510	9.728	1763.	44.	10.	765.9	27.1	1
1566	0	448	37.9220	88.6727	-391.0	PPB	7.55	2.11	1.28	0.280	1.653	5.903	1689.	43.	9.	764.3	27.1	1
1567	0	420	37.9225	88.6727	-388.2	PPB	7.45	1.69	1.11	0.227	1.527	6.740	1584.	40.	9.	764.9	27.1	1
1568	10	432	37.9230	88.6727	-386.7	PPB	8.80	1.35	1.34	0.0	0.0	6.589	1616.	37.	5.	765.9	27.1	1
1569	0	452	37.9236	88.6728	-386.0	PPB	7.94	3.90	1.01	0.492	3.861	7.855	1713.	35.	10.	763.8	27.1	1
1570	0	468	37.9241	88.6728	-385.5	QAL	7.46	2.72	1.13	0.364	2.418	6.633	1705.	42.	8.	764.3	27.1	1
1571	0	464	37.9247	88.6728	-383.0	QAL	8.96	2.02	1.05	0.226	1.927	8.544	1628.	41.	6.	764.3	27.1	1
1572	0	468	37.9252	88.6728	-382.5	QAL	6.77	3.51	1.11	0.518	3.164	6.104	1613.	48.	11.	763.8	27.1	1
1573	0	476	37.9257	88.6729	-382.2	QAL	8.13	2.73	1.19	0.336	2.307	6.864	1658.	34.	9.	765.4	27.0	1
1574	0	480	37.9263	88.6729	-379.5	PPB	9.72	1.92	1.36	0.197	1.415	7.172	1647.	42.	5.	765.4	27.0	1
1575	0	444	37.9268	88.6729	-379.7	PPB	7.55	2.71	1.03	0.358	2.619	7.306	1491.	41.	5.	763.8	27.0	1
1576	0	468	37.9274	88.6729	-378.2	PPB	9.90	2.60	1.26	0.262	2.064	7.865	1652.	31.	3.	765.4	27.0	1
1577	0	416	37.9279	88.6729	-376.0	PPB	5.73	3.57	1.21	0.624	2.965	4.755	1666.	28.	5.	765.4	27.0	1
1578	0	380	37.9284	88.6729	-373.5	PPB	5.45	2.36	1.38	0.433	1.708	3.947	1516.	43.	3.	764.3	27.0	1
1579	0	384	37.9290	88.6729	-373.7	PPB	5.56	3.31	1.19	0.596	2.784	4.675	1575.	44.	2.	766.4	27.0	1
1580	0	384	37.9295	88.6729	-371.5	PPB	8.51	3.03	0.94	0.356	3.238	9.104	1544.	47.	2.	766.4	27.0	1
1581	0	380	37.9301	88.6730	-371.0	PPB	6.47	3.63	1.26	0.561	2.884	5.139	1570.	37.	1.	764.9	27.0	1
1582	0	380	37.9306	88.6730	-369.7	PPB	6.18	3.67	1.29	0.594	2.834	4.771	1524.	46.	3.	766.4	27.1	1
1583	10	372	37.9312	88.6730	-368.0	PPB	7.16	1.16	1.21	0.0	0.0	5.911	1598.	26.	6.	765.4	27.1	1
1584	0	340	37.9317	88.6730	-365.2	PPB	5.30	3.00	1.13	0.565	2.651	4.691	1523.	34.	6.	764.9	27.2	1
1585	0	296	37.9322	88.6730	-361.7	PPB	7.14	2.73	0.97	0.383	2.820	7.358	1490.	34.	5.	766.9	27.2	1
1586	0	300	37.9327	88.6730	-359.7	PPB	7.91	2.13	0.97	0.269	2.193	8.147	1533.	38.	5.	765.9	27.2	1
1587	0	316	37.9333	88.6730	-358.2	PPB	7.86	2.99	1.01	0.381	2.973	7.805	1554.	37.	4.	764.9	27.1	1
1588	0	316	37.9338	88.6730	-359.7	PPB	9.89	2.36	1.28	0.238	1.849	7.757	1615.	35.	4.	768.0	27.1	1
1589	0	316	37.9344	88.6731	-360.7	PPB	4.83	3.48	1.13	0.721	3.067	4.254	1500.	43.	4.	765.9	27.2	1
1590	10	320	37.9349	88.6731	-361.0	PPB	7.95	0.97	1.41	0.0	0.0	5.641	1465.	46.	5.	764.9	27.2	1

CP 9 IP 12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.	UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1591	0	324	37.9354	88.6731	-359.5		PPB	7.19	2.91	1.05	0.405	2.766	6.831	1507.	31.	4.	766.9	27.3	1
1592	0	308	37.9360	88.6731	-358.2		PPB	4.92	2.43	0.96	0.494	2.535	5.134	1411.	42.	4.	765.9	27.3	1
1593	0	316	37.9365	88.6732	-357.5		PPB	5.66	2.22	0.95	0.391	2.339	5.981	1369.	48.	6.	764.3	27.3	1
1594	0	324	37.9371	88.6732	-356.7		PPB	8.27	2.34	0.99	0.282	2.358	8.352	1424.	34.	4.	764.3	27.3	1
1595	0	332	37.9376	88.6732	-357.0		PPB	4.90	2.48	0.74	0.506	3.349	6.620	1312.	49.	1.	764.9	27.3	1
1596	0	348	37.9382	88.6731	-355.5		PPB	5.33	3.50	0.87	0.656	4.017	6.119	1352.	34.	3.	764.9	27.3	1
1597	0	392	37.9387	88.6733	-355.5		PPB	5.19	2.43	0.92	0.468	2.637	5.638	1380.	40.	6.	764.3	27.2	1
1598	0	392	37.9392	88.6733	-354.7		PPB	5.94	1.46	0.94	0.245	1.550	6.314	1376.	49.	8.	765.4	27.3	1
1599	0	392	37.9398	88.6733	-353.0		PPB	10.13	1.81	1.33	0.178	1.357	7.607	1521.	31.	1.	765.4	27.2	1
1600	0	388	37.9403	88.6733	-353.7		PPB	7.37	2.59	0.93	0.352	2.801	7.960	1498.	29.	0.	764.3	27.3	1
1601	0	384	37.9409	88.6733	-351.7		PPB	8.08	1.89	1.25	0.233	1.513	6.483	1458.	36.	3.	766.4	27.3	1
1602	0	392	37.9414	88.6733	-349.7		PPB	7.75	3.07	0.97	0.396	3.165	7.982	1486.	26.	0.	766.4	27.3	1
1603	0	404	37.9419	88.6733	-348.5		PPB	6.73	3.55	1.04	0.528	3.419	6.475	1557.	45.	0.	764.9	27.3	1
1604	0	412	37.9425	88.6733	-349.7		PPB	6.40	2.37	0.97	0.370	2.453	6.626	1420.	44.	2.	765.9	27.3	1
1605	0	380	37.9430	88.6734	-349.0		PPB	5.76	3.54	0.96	0.615	3.672	5.967	1419.	33.	3.	765.9	27.2	1
1606	0	404	37.9436	88.6734	-348.0		PPB	7.15	2.35	1.04	0.329	2.259	6.861	1542.	49.	4.	764.3	27.2	1
1607	0	412	37.9441	88.6734	-346.2		PPB	5.49	2.80	1.05	0.510	2.671	5.234	1476.	27.	4.	766.4	27.2	1
1608	0	400	37.9447	88.6734	-345.7		PPB	6.75	1.88	0.92	0.279	2.044	7.328	1469.	32.	7.	766.4	27.2	1
1609	10	416	37.9452	88.6734	-344.0		PPB	6.82	1.08	1.37	0.0	0.0	4.969	1467.	35.	5.	764.3	27.2	1
1610	0	424	37.9457	88.6734	-343.0		PPB	5.20	3.55	1.01	0.683	3.512	5.144	1400.	43.	4.	765.4	27.2	1
1611	0	420	37.9463	88.6734	-343.7		PPB	7.21	2.20	1.08	0.305	2.029	6.651	1434.	48.	7.	765.4	27.2	1
1612	10	420	37.9468	88.6734	-343.2		PPB	7.68	1.24	1.10	0.0	0.0	6.988	1397.	48.	10.	763.8	27.2	1
1613	0	420	37.9474	88.6735	-342.5		PPB	6.70	2.02	0.98	0.302	2.055	6.807	1441.	47.	5.	765.9	27.2	1
1614	10	428	37.9479	88.6735	-341.5		PPB	7.34	0.90	0.95	0.0	0.0	7.738	1442.	47.	12.	766.9	27.2	1
1615	10	428	37.9485	88.6735	-341.0		PPB	10.02	1.00	0.94	0.0	0.0	10.671	1449.	33.	10.	764.9	27.2	1
1616	0	424	37.9490	88.6735	-339.5		PPB	7.41	3.53	0.95	0.476	3.727	7.828	1575.	33.	3.	765.9	27.2	1
1617	0	416	37.9495	88.6735	-339.0		PPB	6.87	3.06	1.08	0.446	2.822	6.330	1631.	48.	8.	766.4	27.2	1
1618	0	404	37.9501	88.6735	-339.0		PPB	5.79	1.90	1.28	0.328	1.479	4.515	1558.	54.	6.	764.9	27.2	1
1619	0	392	37.9506	88.6735	-338.5		PPB	6.38	3.13	1.18	0.491	2.655	5.409	1640.	38.	6.	765.9	27.2	1
1620	0	384	37.9512	88.6736	-337.2		PPB	5.39	2.91	1.06	0.540	2.748	5.091	1663.	39.	8.	765.9	27.1	1
1621	0	364	37.9517	88.6736	-336.5		PPB	5.46	3.24	1.10	0.594	2.943	4.953	1650.	45.	6.	763.8	27.1	1
1622	0	352	37.9522	88.6736	-336.7		PPB	7.17	4.27	0.90	0.596	4.751	7.976	1483.	36.	4.	765.4	27.2	1
1623	10	356	37.9528	88.6736	-337.5		PPB	4.84	0.97	1.18	0.0	0.0	4.113	1531.	57.	6.	765.4	27.1	1
1624	0	348	37.9533	88.6737	-337.2		PPB	6.77	2.94	0.89	0.442	3.363	7.613	1415.	39.	2.	764.3	27.2	1
1625	10	360	37.9539	88.6737	-337.2		PPB	6.41	1.06	0.98	0.0	0.0	6.571	1437.	30.	5.	765.9	27.2	1
1626	0	340	37.9544	88.6737	-336.2		PPB	7.94	2.35	0.90	0.296	2.614	8.838	1406.	36.	5.	765.9	27.2	1
1627	0	336	37.9549	88.6737	-335.2		PPB	4.59	2.35	0.95	0.511	2.482	4.856	1331.	44.	7.	764.3	27.2	1
1628	0	340	37.9555	88.6737	-335.7		PPB	7.19	2.72	0.88	0.378	3.106	8.217	1384.	27.	4.	764.9	27.2	1
1629	0	348	37.9560	88.6737	-335.5		PPB	7.23	2.27	0.89	0.314	2.550	8.130	1441.	49.	8.	764.9	27.2	1
1630	0	348	37.9565	88.6737	-334.7		PPB	7.75	2.20	0.98	0.284	2.254	7.924	1513.	35.	5.	765.4	27.2	1
1631	0	340	37.9571	88.6737	-334.0		PPB	8.12	1.92	1.06	0.237	1.819	7.677	1528.	42.	7.	765.4	27.1	1
1632	0	336	37.9577	88.6738	-333.7		PPB	5.78	2.39	0.86	0.413	2.795	6.763	1448.	37.	7.	764.9	27.2	1
1633	0	368	37.9582	88.6738	-334.5		PPB	5.98	3.53	0.85	0.591	4.140	7.006	1489.	48.	1.	765.9	27.2	1
1634	0	360	37.9587	88.6738	-334.2		PPB	8.51	1.75	1.23	0.205	1.421	6.915	1518.	39.	3.	764.9	27.2	1
1635	10	352	37.9592	88.6738	-333.2		PPB	6.66	1.16	0.93	0.0	0.0	7.137	1430.	40.	3.	763.3	27.2	1
1636	0	364	37.9598	88.6739	-334.2		PPB	5.80	3.41	1.01	0.588	3.375	5.739	1396.	36.	0.	764.9	27.2	1
1637	0	388	37.9603	88.6739	-335.5		PPB	4.03	2.96	1.07	0.733	2.772	3.780	1423.	33.	3.	763.8	27.1	1
1638	0	416	37.9608	88.6739	-335.7		PPB	6.06	1.96	0.95	0.323	2.059	6.369	1332.	40.	3.	763.3	27.1	1
1639	10	468	37.9614	88.6739	-337.5		PPB	9.18	1.42	1.03	0.0	0.0	8.873	1514.	36.	4.	764.9	27.1	1
1640	0	464	37.9620	88.6739	-337.7		PPB	5.35	3.44	1.27	0.644	2.716	4.215	1573.	31.	9.	763.8	27.1	1
1641	10	416	37.9625	88.6739	-336.7		PPB	6.55	0.07	1.12	0.0	0.0	5.862	1387.	30.	12.	762.8	27.0	1
1642	10	396	37.9630	88.6739	-336.2		PPB	4.61	0.91	0.92	0.0	0.0	5.016	1395.	50.	14.	764.3	27.0	1
1643	0	420	37.9635	88.6739	-337.5		PPB	5.35	2.02	1.20	0.378	1.692	4.476	1450.	33.	14.	762.8	27.0	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1644	10	428	37.9641	88.6740	-337.5	PPB	6.79	0.03	0.93	0.0	0.0	7.311	1445.	43.	17.	762.8	27.1	1
1645	0	432	37.9646	88.6740	-337.5	PPB	5.70	2.93	0.92	0.514	3.181	6.193	1520.	40.	9.	764.3	27.0	1
1646	0	440	37.9652	88.6740	-339.2	PPB	5.57	2.44	1.18	0.439	2.074	4.729	1546.	27.	17.	762.8	27.1	1
1647	0	440	37.9657	88.6740	-340.5	PPB	6.35	1.69	1.24	0.266	1.365	5.140	1542.	35.	15.	761.8	27.1	1
1648	0	444	37.9663	88.6740	-342.0	PPB	6.44	2.46	0.99	0.382	2.479	6.497	1515.	37.	13.	764.3	27.1	1
1649	10	456	37.9668	88.6740	-341.5	PPB	5.96	1.62	0.96	0.0	0.0	6.222	1454.	54.	10.	763.3	27.0	1
1650	0	424	37.9673	88.6740	-343.2	PPB	5.60	1.79	1.09	0.320	1.637	5.122	1334.	33.	12.	762.3	27.0	1
1651	0	444	37.9679	88.6740	-344.7	PPB	4.67	2.66	0.90	0.571	2.957	5.182	1294.	54.	9.	763.8	27.0	1
1652	0	456	37.9684	88.6741	-345.0	PPB	7.11	2.26	0.89	0.318	2.538	7.977	1399.	36.	8.	762.8	27.0	1
1653	0	452	37.9690	88.6741	-346.7	PPB	7.91	1.86	0.75	0.235	2.470	10.517	1363.	36.	6.	761.8	27.0	1
1654	10	460	37.9695	88.6741	-347.5	PPB	7.91	0.46	1.21	0.0	0.0	6.556	1420.	39.	9.	762.8	27.1	1
1655	0	464	37.9700	88.6741	-348.7	PPB	7.53	3.18	0.63	0.422	5.090	12.047	1380.	34.	7.	761.8	27.1	1
1656	10	456	37.9706	88.6742	-349.0	PPB	5.21	1.52	1.08	0.0	0.0	4.810	1438.	39.	12.	762.3	27.0	1
1657	0	480	37.9711	88.6742	-351.5	PPB	5.37	2.30	0.95	0.428	2.408	5.630	1445.	47.	11.	763.8	27.1	1
1658	0	488	37.9717	88.6742	-352.5	PPB	3.93	2.86	0.95	0.726	3.016	4.154	1410.	35.	11.	761.8	27.1	1
1659	10	496	37.9722	88.6742	-353.5	PPB	7.15	1.52	1.04	0.0	0.0	6.890	1416.	36.	10.	761.8	27.0	1
1660	10	480	37.9728	88.6742	-355.0	PPB	7.68	1.00	1.05	0.0	0.0	7.340	1469.	35.	17.	763.8	27.0	1
1661	10	476	37.9733	88.6742	-357.7	PPB	6.41	0.49	1.12	0.0	0.0	5.722	1465.	39.	15.	762.3	27.0	1
1662	10	480	37.9738	88.6742	-358.7	PPB	6.30	0.91	1.28	0.0	0.0	4.915	1530.	39.	15.	762.3	27.0	1
1663	0	472	37.9744	88.6742	-360.2	PPB	4.89	1.95	1.04	0.399	1.874	4.702	1452.	49.	10.	763.8	27.0	1
1664	0	468	37.9749	88.6743	-361.2	PPB	6.92	2.52	1.10	0.364	2.299	6.320	1428.	38.	7.	762.8	27.0	1
1665	10	468	37.9755	88.6743	-364.0	PPB	6.68	-0.32	1.24	0.0	0.0	5.394	1495.	43.	12.	762.8	27.0	1
1666	10	464	37.9760	88.6743	-365.5	PPB	7.60	0.86	0.97	0.0	0.0	7.837	1445.	39.	9.	763.3	27.0	1
1667	0	464	37.9765	88.6743	-367.5	PPB	6.59	3.04	1.17	0.462	2.598	5.629	1527.	33.	7.	762.3	27.0	1
1668	0	464	37.9771	88.6743	-370.5	PPB	5.50	2.21	1.57	0.401	1.409	3.510	1588.	44.	7.	761.8	27.0	1
1669	0	464	37.9777	88.6743	-372.5	PPB	8.14	1.87	1.10	0.230	1.694	7.379	1557.	43.	9.	761.8	27.0	1
1670	0	464	37.9782	88.6744	-374.0	PPB	9.13	2.21	0.99	0.242	2.240	9.249	1536.	34.	4.	762.3	27.0	1
1671	10	464	37.9788	88.6744	-376.7	PPB	6.56	1.08	1.39	0.0	0.0	4.714	1490.	42.	8.	763.3	26.9	1
1672	0	464	37.9793	88.6744	-379.5	PPB	5.82	1.75	1.30	0.301	1.350	4.490	1557.	40.	9.	762.8	27.0	1
1673	10	464	37.9799	88.6744	-381.2	PPB	7.01	0.64	1.21	0.0	0.0	5.810	1437.	42.	11.	762.3	26.9	1
1674	10	436	37.9804	88.6746	-383.5	PPB	8.85	0.22	1.15	0.0	0.0	7.674	1421.	46.	9.	763.8	26.9	1
1675	0	452	37.9810	88.6746	-385.5	PPB	5.13	1.63	1.28	0.319	1.274	4.000	1411.	48.	12.	762.3	26.9	1
1676	10	492	37.9815	88.6746	-389.0	PPB	7.17	1.19	1.77	0.0	0.0	4.048	1657.	42.	12.	761.8	26.9	1
1677	0	484	37.9820	88.6746	-392.2	PPB	8.76	2.21	1.11	0.253	1.985	7.855	1664.	31.	9.	763.8	26.9	1
1678	0	484	37.9826	88.6747	-397.2	PPB	8.72	2.32	1.12	0.266	2.063	7.756	1624.	33.	4.	763.3	26.9	1
1679	0	488	37.9831	88.6747	-401.0	PPB	8.57	2.50	1.01	0.292	2.467	8.455	1549.	36.	6.	762.3	26.9	1
1680	10	492	37.9837	88.6747	-403.0	PPB	6.02	1.53	1.27	0.0	0.0	4.756	1601.	36.	7.	763.3	27.0	1
1681	0	492	37.9842	88.6747	-405.7	PPB	7.77	2.58	0.97	0.331	2.664	8.037	1564.	30.	3.	762.3	26.9	1
1682	10	508	37.9848	88.6747	-410.2	PPB	6.09	0.59	1.26	0.0	0.0	4.855	1516.	39.	10.	762.3	27.0	1
1683	0	468	37.9853	88.6749	-412.7	PPB	7.24	2.29	0.89	0.316	2.559	8.096	1423.	48.	5.	763.8	26.9	1
1684	10	456	37.9859	88.6749	-415.7	PPB	7.84	1.00	1.13	0.0	0.0	6.957	1408.	31.	9.	762.8	26.9	1
1685	0	460	37.9865	88.6749	-420.7	PPB	6.70	3.15	0.92	0.470	3.440	7.316	1377.	35.	6.	762.3	26.9	1
1686	0	472	37.9870	88.6749	-424.5	PPB	5.91	2.62	0.90	0.443	2.921	6.595	1459.	44.	8.	762.8	26.9	1
1687	0	472	37.9875	88.6750	-427.5	PPB	5.66	2.05	1.24	0.362	1.652	4.567	1427.	34.	9.	762.8	26.9	1
1688	0	428	37.9881	88.6750	-430.2	PPB	5.24	2.87	0.84	0.547	3.421	6.257	1343.	48.	11.	763.3	26.9	1
1689	0	420	37.9886	88.6750	-435.5	PPB	6.27	2.92	0.97	0.466	3.023	6.483	1345.	41.	8.	762.3	26.9	1
1690	0	436	37.9891	88.6750	-439.7	PPB	7.34	2.31	0.66	0.315	3.500	11.111	1364.	35.	8.	761.8	26.9	1
1691	10	476	37.9897	88.6750	-443.2	PPB	5.86	1.49	1.06	0.0	0.0	5.517	1417.	42.	10.	763.3	26.9	1
1692	0	500	37.9903	88.6750	-448.0	PPB	6.66	1.97	0.94	0.295	2.095	7.096	1470.	43.	8.	762.3	26.9	1
1693	0	492	37.9908	88.6752	-451.2	PPB	5.11	1.87	1.14	0.366	1.636	4.467	1485.	36.	10.	762.3	26.9	1
1694	10	484	37.9914	88.6752	-455.5	PPB	7.07	1.37	1.23	0.0	0.0	5.729	1389.	37.	4.	763.8	27.0	1
1695	10	496	37.9919	88.6752	-459.2	PPB	8.46	0.93	0.88	0.0	0.0	9.650	1268.	40.	7.	761.8	27.0	1
1696	10	500	37.9925	88.6752	-465.0	PPB	7.34	0.90	0.77	0.0	0.0	9.512	1255.	40.	9.	762.8	27.1	1

FLIGHT LINE 105 DAY 178 REDUCED DATA TEX-KENT 1979 PADUCAH

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1697	10	504	37.9930	88.6752	-467.2	PPB	7.71	0.69	0.90	0.0	0.0	8.527	1337.	47.	6.	764.3	27.0	1
1698	0	500	37.9936	88.6753	-470.5	PPB	5.15	4.19	0.94	0.813	4.465	5.492	1467.	43.	5.	761.2	27.1	1
1699	0	488	37.9941	88.6753	-476.0	PPB	9.54	1.98	1.10	0.208	1.804	8.677	1588.	32.	4.	761.8	27.0	1
1700	0	484	37.9947	88.6753	-480.7	PPB	8.77	1.87	1.36	0.213	1.375	6.460	1567.	38.	7.	763.8	27.0	1
1701	0	480	37.9952	88.6753	-485.2	PPB	7.55	2.32	1.39	0.308	1.668	5.420	1572.	43.	5.	761.8	27.0	1
1702	10	476	37.9957	88.6754	-489.2	PPB	9.18	0.29	1.20	0.0	0.0	7.669	1591.	40.	7.	761.2	27.0	1
1703	10	476	37.9963	88.6754	-494.5	PPB	7.43	1.63	1.18	0.0	0.0	6.282	1562.	53.	5.	761.8	27.0	1
1704	0	488	37.9968	88.6755	-498.5	PPB	4.73	5.27	0.80	1.115	6.608	5.927	1657.	33.	3.	760.7	27.0	1
1705	0	472	37.9974	88.6755	-503.2	PPB	6.33	3.48	1.33	0.550	2.624	4.767	1515.	46.	1.	761.2	26.9	1
1706	0	460	37.9979	88.6756	-508.5	PPB	8.10	2.27	0.99	0.281	2.295	8.172	1415.	46.	0.	761.2	27.0	1
1707	0	480	37.9985	88.6756	-512.2	PPB	7.32	2.19	1.11	0.299	1.968	6.592	1444.	41.	4.	760.7	27.0	1
1708	0	492	37.9990	88.6756	-516.7	PPB	8.02	3.15	1.35	0.392	2.329	5.935	1626.	33.	2.	761.8	27.0	1

* TAGS *			* LOCATION *				REDUCED DATA											
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS *
1	10	384	37.9992	88.0277	-607.2	PPB	5.68	0.33	1.80	0.0	0.0	3.149	1522.	41.	6.	770.0	28.	1
2	0	388	37.9987	88.0277	-607.5	PPB	4.85	2.78	1.71	0.574	1.623	2.828	1579.	36.	5.	769.0	28.1	1
3	0	392	37.9982	88.0275	-606.7	PPB	6.86	2.17	1.26	0.317	1.721	5.429	1617.	42.	5.	768.5	28.1	1
4	0	396	37.9977	88.0275	-608.2	PPB	3.64	2.67	1.57	0.733	1.696	2.314	1579.	53.	4.	769.5	28.1	1
5	0	400	37.9972	88.0274	-609.5	QT-1	4.94	3.25	1.76	0.657	1.846	2.808	1634.	39.	4.	768.5	28.0	1
6	10	400	37.9968	88.0274	-609.2	QT-1	7.14	0.45	1.51	0.0	0.0	4.741	1531.	40.	5.	767.4	28.1	1
7	0	400	37.9963	88.0273	-609.2	QT-1	7.01	1.82	1.48	0.259	1.231	4.750	1534.	36.	3.	769.5	28.0	1
8	0	396	37.9958	88.0273	-610.0	QT-1	5.43	2.16	1.19	0.398	1.824	4.579	1435.	41.	4.	769.5	28.0	1
9	0	396	37.9953	88.0273	-610.5	QT-1	5.33	3.21	1.42	0.603	2.261	3.751	1471.	32.	3.	769.0	28.0	1
10	0	392	37.9948	88.0272	-611.2	QT-1	4.29	1.57	1.63	0.366	0.963	2.631	1571.	38.	5.	770.0	28.0	1
11	0	392	37.9944	88.0271	-609.5	QT-1	4.54	1.72	1.28	0.380	1.343	3.537	1371.	43.	3.	769.0	28.0	1
12	0	396	37.9939	88.0271	-611.0	QT-1	5.35	2.30	1.39	0.431	1.659	3.851	1452.	37.	6.	768.0	28.1	1
13	0	404	37.9934	88.0270	-612.5	QT-1	5.14	1.92	1.25	0.375	1.540	4.112	1455.	42.	6.	769.0	28.1	1
14	0	408	37.9929	88.0270	-613.7	QT-1	5.44	2.65	1.24	0.486	2.140	4.400	1443.	40.	7.	770.0	28.0	1
15	0	416	37.9925	88.0270	-613.2	QT-1	4.19	1.48	1.56	0.355	0.950	2.680	1487.	42.	3.	769.0	28.0	1
16	0	424	37.9920	88.0269	-613.2	QT-1	5.84	2.02	1.69	0.346	1.195	3.452	1500.	27.	7.	769.5	28.1	1
17	10	428	37.9915	88.0268	-613.0	QT-1	5.15	0.97	1.28	0.0	0.0	4.032	1432.	43.	10.	770.5	28.0	1
18	10	436	37.9910	88.0267	-615.7	QT-1	5.96	1.12	1.35	0.0	0.0	4.398	1510.	41.	11.	770.5	27.9	1
19	10	440	37.9905	88.0267	-616.2	QT-1	5.55	0.60	1.27	0.0	0.0	4.376	1544.	32.	9.	769.5	27.9	1
20	0	440	37.9901	88.0267	-615.7	QT-1	7.07	2.17	1.65	0.307	1.315	4.277	1569.	42.	8.	769.5	27.9	1
21	0	436	37.9895	88.0266	-618.0	QT-1	6.43	2.91	1.76	0.452	1.651	3.651	1583.	49.	8.	770.0	27.8	1
22	0	432	37.9891	88.0266	-618.5	QT-1	6.64	3.00	1.41	0.452	2.131	4.711	1546.	34.	4.	770.0	27.8	1
23	0	424	37.9886	88.0265	-618.5	QT-1	6.63	1.61	1.33	0.243	1.209	4.972	1590.	36.	6.	770.0	27.8	1
24	0	404	37.9881	88.0264	-620.2	QT-1	5.88	2.84	1.37	0.483	2.076	4.295	1535.	31.	4.	770.0	27.9	1
25	0	380	37.9877	88.0264	-621.7	QT-1	5.85	2.61	1.33	0.446	1.966	4.404	1502.	28.	4.	770.0	27.9	1
26	10	372	37.9872	88.0264	-623.5	QT-1	6.79	0.54	0.97	0.0	0.0	7.004	1353.	40.	5.	769.0	27.9	1
27	10	384	37.9867	88.0263	-624.7	QT-1	5.25	0.42	1.53	0.0	0.0	3.442	1371.	31.	8.	770.0	28.0	1
28	0	404	37.9862	88.0262	-626.0	QT-1	7.80	1.83	1.23	0.235	1.493	6.365	1390.	44.	5.	770.0	28.0	1
29	10	432	37.9858	88.0262	-624.7	QT-1	5.03	1.38	1.45	0.0	0.0	3.477	1348.	42.	8.	769.0	28.0	1
30	0	436	37.9852	88.0261	-623.7	QT-1	3.74	2.04	1.34	0.547	1.522	2.785	1400.	44.	7.	769.0	28.1	1
31	10	436	37.9848	88.0260	-623.2	QT-1	5.31	0.14	1.22	0.0	0.0	4.341	1366.	37.	9.	770.0	28.1	1
32	0	440	37.9843	88.0260	-625.0	QT-1	4.22	2.83	1.16	0.672	2.435	3.624	1422.	42.	8.	770.0	28.1	1
33	10	444	37.9838	88.0260	-626.7	PPB	6.40	1.40	1.31	0.0	0.0	4.887	1459.	42.	7.	769.5	28.1	1
34	0	448	37.9834	88.0259	-629.5	PPB	6.81	3.08	1.20	0.452	2.563	5.671	1582.	40.	10.	769.5	28.1	1
35	0	444	37.9829	88.0258	-631.2	PPB	6.76	3.85	1.46	0.570	2.636	4.627	1659.	28.	6.	769.5	28.0	1
36	0	440	37.9824	88.0258	-633.0	PPB	5.20	1.74	1.27	0.335	1.372	4.095	1584.	37.	10.	768.5	28.0	1
37	0	440	37.9819	88.0257	-634.5	PPB	6.76	1.56	1.53	0.231	1.018	4.403	1540.	41.	7.	767.4	27.9	1
38	10	436	37.9815	88.0257	-637.7	PPB	9.06	1.50	1.51	0.0	0.0	6.008	1754.	35.	8.	768.5	27.9	1
39	0	428	37.9809	88.0256	-636.5	PPB	7.79	1.57	1.61	0.201	0.973	4.845	1764.	37.	5.	769.5	28.0	1
40	0	424	37.9805	88.0256	-637.7	PPB	8.39	2.41	1.64	0.288	1.468	5.107	1771.	42.	6.	769.5	28.0	1
41	0	416	37.9800	88.0255	-639.5	PPB	7.60	2.79	1.57	0.367	1.781	4.852	1859.	31.	7.	767.4	28.0	1
42	10	412	37.9795	88.0255	-640.7	PPB	8.25	0.33	1.74	0.0	0.0	4.732	1743.	37.	11.	768.0	27.9	1
43	10	412	37.9790	88.0254	-640.5	QAL	10.90	0.90	1.46	0.0	0.0	7.442	1779.	43.	12.	771.1	28.0	1
44	0	412	37.9785	88.0253	-642.7	QAL	6.20	1.73	1.51	0.280	1.147	4.101	1805.	50.	14.	771.1	28.1	1
45	0	412	37.9780	88.0253	-643.7	QAL	10.43	1.78	1.39	0.171	1.282	7.503	1829.	45.	9.	769.0	28.1	1
46	10	412	37.9776	88.0253	-645.0	QAL	9.15	0.89	1.52	0.0	0.0	6.017	1875.	44.	13.	770.0	28.1	1
47	10	408	37.9771	88.0252	-645.2	QAL	9.31	1.38	2.16	0.0	0.0	4.318	1899.	42.	13.	771.1	28.1	1
48	10	408	37.9766	88.0252	-647.5	QAL	9.53	0.99	1.56	0.0	0.0	6.110	1848.	52.	13.	770.0	28.1	1
49	0	404	37.9762	88.0251	-649.5	QAL	8.63	2.20	1.31	0.254	1.682	6.614	1837.	20.	11.	768.5	28.1	1
50	10	404	37.9757	88.0250	-651.2	QAL	9.83	1.53	1.52	0.0	0.0	6.464	1919.	43.	10.	769.5	28.2	1
51	0	408	37.9752	88.0250	-653.5	QAL	8.52	2.56	1.66	0.301	1.547	5.141	1818.	39.	10.	770.5	28.2	1
52	0	412	37.9747	88.0249	-653.5	QAL	9.71	3.02	1.43	0.310	2.105	6.778	1912.	28.	7.	769.5	28.3	1
53	0	412	37.9742	88.0249	-655.0	QAL	9.86	2.56	1.69	0.260	1.519	5.850	1932.	34.	8.	769.5	28.3	1

CP9 IP12

*	TAGS		*	LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
54	0	416	37.9737	88.0248	-656.7		QAL	7.98	3.13	1.43	0.392	2.180	5.560	1850.	36.	9.	770.5	28.4	1
55	0	420	37.9733	88.0248	-658.5		QAL	9.36	2.33	1.28	0.249	1.819	7.295	1886.	43.	10.	770.5	28.3	1
56	0	416	37.9728	88.0247	-659.0		QAL	7.79	2.35	1.66	0.302	1.414	4.681	1802.	37.	8.	770.5	28.3	1
57	0	416	37.9723	88.0247	-661.0		QAL	8.67	2.37	1.54	0.273	1.534	5.615	1859.	35.	6.	770.5	28.2	1
58	0	416	37.9718	88.0246	-662.7		QAL	8.37	1.81	1.73	0.217	1.050	4.842	1878.	35.	14.	770.5	28.2	1
59	0	412	37.9713	88.0246	-664.0		QAL	7.42	2.34	1.57	0.315	1.490	4.732	1866.	29.	12.	770.5	28.2	1
60	0	416	37.9709	88.0245	-664.5		QAL	7.10	1.74	1.78	0.245	0.978	3.987	1819.	47.	10.	770.5	28.2	1
61	0	416	37.9704	88.0244	-667.0		QAL	8.06	2.16	1.66	0.268	1.297	4.848	1848.	34.	10.	770.5	28.1	1
62	0	412	37.9699	88.0244	-667.5		QAL	6.65	4.67	1.25	0.702	3.747	5.334	1823.	31.	7.	770.5	28.2	1
63	0	412	37.9694	88.0244	-669.7		QAL	6.01	2.83	1.31	0.471	2.160	4.584	1714.	43.	7.	768.5	28.1	1
64	0	412	37.9689	88.0243	-670.0		QAL	6.89	2.44	1.69	0.354	1.439	4.067	1745.	46.	4.	768.5	28.1	1
65	0	412	37.9685	88.0242	-672.5		QAL	9.35	2.56	1.54	0.274	1.664	6.071	1653.	39.	5.	769.5	28.1	1
66	0	408	37.9680	88.0242	-674.5		QAL	7.33	2.76	1.22	0.376	2.257	5.996	1593.	43.	2.	768.5	28.1	1
67	0	404	37.9675	88.0241	-675.7		QAL	6.21	3.02	1.44	0.487	2.097	4.307	1604.	33.	0.	769.5	28.1	1
68	0	404	37.9670	88.0240	-675.0		QAL	4.39	3.16	1.16	0.720	2.725	3.785	1459.	39.	5.	771.1	28.1	1
69	0	400	37.9666	88.0240	-678.0		QAL	4.53	2.07	1.09	0.456	1.892	4.144	1336.	50.	6.	771.1	28.1	1
70	0	380	37.9660	88.0240	-680.0		QAL	5.24	2.08	1.01	0.397	2.061	5.186	1300.	33.	3.	770.5	28.1	1
71	0	360	37.9656	88.0239	-681.5		QAL	4.40	2.62	0.93	0.597	2.816	4.720	1305.	32.	3.	769.5	28.1	1
72	10	352	37.9651	88.0238	-682.5		QAL	5.54	1.09	1.12	0.0	0.0	4.968	1189.	39.	7.	769.0	28.1	1
73	0	352	37.9646	88.0238	-684.2		QAL	4.79	3.12	0.74	0.651	4.228	6.497	1124.	35.	3.	769.0	28.1	1
74	0	348	37.9642	88.0237	-685.5		QAL	3.06	1.12	0.66	0.364	1.700	4.669	999.	29.	8.	768.5	28.2	1
75	10	368	37.9637	88.0237	-688.0		QAL	2.98	0.11	0.59	0.0	0.0	5.022	782.	40.	9.	769.5	28.0	1
76	100	416	37.9631	88.0237	-687.5	(WATER)		0.47	1.51	0.27	0.0	5.673	0.0	526.	40.	8.	770.5	27.8	1
77	11	420	37.9625	88.0237	-689.0	(WATER)		1.39	0.55	0.13	0.0	0.0	0.0	318.	37.	10.	769.5	27.9	1
78	110	424	37.9619	88.0237	-691.5	(WATER)		0.84	-0.40	0.28	0.0	0.0	0.0	282.	32.	7.	769.5	28.1	1
79	101	424	37.9613	88.0236	-691.2	(WATER)		0.84	1.73	0.14	0.0	0.0	0.0	320.	33.	2.	770.5	28.1	1
80	10	432	37.9608	88.0236	-694.7	(WATER)		3.45	0.66	0.57	0.0	0.0	6.084	630.	28.	2.	771.6	28.2	1
81	0	376	37.9601	88.0236	-696.7	(WATER)		1.75	1.32	0.66	0.753	1.988	2.639	721.	40.	0.	770.5	28.2	1
82	0	364	37.9596	88.0236	-696.7	(WATER)		3.17	1.90	0.86	0.600	2.223	3.708	947.	27.	3.	770.5	28.2	1
83	0	356	37.9590	88.0236	-697.5		QAL	4.27	1.63	0.68	0.381	2.386	6.261	948.	40.	3.	770.5	28.1	1
84	0	348	37.9584	88.0236	-698.2		QAL	4.75	1.46	1.06	0.307	1.370	4.471	1115.	38.	3.	770.5	28.1	1
85	0	404	37.9579	88.0236	-700.0		QAL	4.72	1.57	1.31	0.332	1.192	3.587	1292.	56.	6.	770.5	28.1	1
86	10	432	37.9573	88.0236	-701.5		QAL	7.94	1.37	1.30	0.0	0.0	6.094	1445.	32.	6.	770.0	28.1	1
87	0	428	37.9566	88.0236	-704.0		QAL	5.52	1.85	1.41	0.335	1.308	3.904	1449.	30.	12.	770.0	28.1	1
88	0	424	37.9561	88.0236	-703.7		QAL	4.75	1.53	1.37	0.321	1.115	3.473	1488.	38.	11.	769.5	28.1	1
89	0	420	37.9555	88.0236	-704.2		QAL	6.82	1.54	1.27	0.226	1.214	5.373	1510.	26.	10.	769.0	28.0	1
90	10	420	37.9549	88.0236	-705.2		QAL	7.82	1.05	1.22	0.0	0.0	6.396	1551.	44.	11.	769.0	28.1	1
91	0	416	37.9544	88.0235	-706.5		QAL	7.30	1.70	1.36	0.232	1.250	5.387	1479.	49.	9.	767.4	28.0	1
92	0	416	37.9537	88.0235	-707.7		QAL	8.26	4.63	1.37	0.561	3.376	6.022	1645.	39.	3.	768.0	28.1	1
93	0	424	37.9531	88.0235	-708.7		QAL	8.53	2.19	1.53	0.257	1.431	5.569	1723.	31.	0.	770.0	28.1	1
94	0	428	37.9526	88.0235	-709.5		QAL	5.07	3.75	1.26	0.740	2.974	4.020	1612.	39.	3.	769.0	28.1	1
95	0	428	37.9520	88.0235	-711.0		QAL	6.58	2.68	1.50	0.407	1.787	4.387	1701.	37.	2.	768.5	28.1	1
96	0	432	37.9514	88.0235	-712.7		QAL	8.76	4.33	1.25	0.494	3.467	7.013	1780.	35.	2.	770.5	28.1	1
97	0	436	37.9509	88.0235	-714.5		QAL	5.70	4.83	1.74	0.848	2.775	3.272	1814.	38.	0.	770.5	28.1	1
98	0	440	37.9502	88.0235	-717.5		QAL	9.16	2.96	1.40	0.323	2.122	6.565	1788.	34.	2.	770.5	28.1	1
99	0	440	37.9496	88.0234	-718.2		QAL	8.27	2.24	1.49	0.270	1.497	5.539	1768.	43.	4.	769.5	28.0	1
100	10	436	37.9491	88.0235	-721.0		QAL	7.47	1.19	1.66	0.0	0.0	4.485	1806.	40.	7.	768.5	28.0	1
101	0	436	37.9485	88.0235	-723.7		QAL	8.72	2.28	1.65	0.262	1.381	5.273	1830.	27.	7.	768.5	28.1	1
102	0	436	37.9479	88.0235	-727.2		QAL	8.86	4.22	1.28	0.476	3.295	6.916	1802.	31.	7.	768.0	28.0	1
103	0	436	37.9473	88.0234	-722.2		QAL	8.81	2.90	1.46	0.329	1.984	6.027	1779.	39.	7.	768.0	28.0	1
104	10	424	37.9467	88.0234	-693.7		QAL	8.57	0.71	1.42	0.0	0.0	6.050	1595.	44.	11.	769.0	27.8	1
105	0	412	37.9461	88.0234	-673.2		QAL	7.64	2.08	1.01	0.273	2.068	7.579	1521.	35.	12.	769.5	28.0	1
106	10	436	37.9456	88.0234	-689.5		QAL	7.70	0.74	1.36	0.0	0.0	5.675	1658.	29.	10.	770.0	28.2	1

CP 9 1P 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
107	0	440	37.9450	88.0233	-711.0	QAL	7.81	1.98	1.50	0.253	1.320	5.210	1725.	30.	9.	770.0	28.1	1
108	0	448	37.9444	88.0233	-717.2	QAL	6.03	2.37	1.42	0.393	1.672	4.260	1721.	38.	9.	768.5	28.1	1
109	0	448	37.9438	88.0233	-720.2	QT-2	6.20	4.64	1.25	0.749	3.702	4.944	1702.	32.	5.	767.4	28.1	1
110	0	444	37.9432	88.0233	-721.2	QT-2	5.52	1.95	1.45	0.353	1.350	3.821	1646.	41.	10.	766.9	28.1	1
111	0	444	37.9426	88.0233	-721.2	QT-2	7.98	2.45	1.34	0.307	1.833	5.963	1639.	38.	4.	768.0	28.0	1
112	0	448	37.9420	88.0233	-721.5	QT-2	7.71	2.97	0.85	0.385	3.482	9.044	1506.	41.	6.	769.5	28.0	1
113	0	448	37.9415	88.0233	-722.0	QT-2	8.01	2.72	1.30	0.339	2.093	6.167	1601.	38.	7.	769.5	28.0	1
114	10	444	37.9409	88.0233	-722.5	QT-2	6.94	0.28	1.54	0.0	0.0	4.495	1582.	40.	10.	769.5	28.0	1
115	0	448	37.9403	88.0233	-723.5	QT-2	9.95	2.49	1.21	0.250	2.059	8.221	1559.	28.	8.	768.5	28.0	1
116	10	444	37.9397	88.0233	-722.2	QAL	7.30	1.28	1.33	0.0	0.0	5.474	1529.	39.	11.	767.4	28.0	1
117	10	408	37.9391	88.0233	-722.0	QAL	8.63	1.38	0.87	0.0	0.0	9.971	1387.	37.	8.	767.4	28.1	1
118	10	388	37.9386	88.0233	-722.5	QAL	7.13	0.88	1.05	0.0	0.0	6.767	1306.	37.	11.	768.5	27.9	1
119	10	392	37.9380	88.0232	-723.0	QAL	6.98	0.95	1.03	0.0	0.0	6.769	1313.	26.	6.	768.0	27.7	1
120	0	392	37.9373	88.0232	-722.7	QAL	4.80	2.86	0.78	0.596	3.653	6.132	1276.	31.	4.	768.0	27.9	1
121	10	388	37.9368	88.0232	-723.7	QAL	5.45	0.64	1.11	0.0	0.0	4.905	1113.	36.	8.	769.0	28.1	1
122	10	388	37.9362	88.0232	-722.2	QAL	5.72	0.93	0.86	0.0	0.0	6.685	1040.	43.	5.	769.0	28.1	1
123	0	384	37.9356	88.0232	-722.7	QAL	4.12	1.60	0.64	0.388	2.485	6.398	923.	28.	4.	769.0	28.0	1
124	0	380	37.9350	88.0232	-722.7	QAL	3.07	2.43	0.50	0.790	4.858	6.147	767.	30.	2.	770.0	28.0	1
125	0	408	37.9344	88.0232	-723.2	QAL	1.92	1.96	0.52	1.022	3.757	3.676	602.	29.	3.	769.0	28.0	1
126	10	440	37.9339	88.0232	-723.2	QAL	2.05	0.94	0.42	0.0	0.0	4.873	412.	45.	3.	768.0	28.0	1
127	110	440	37.9333	88.0231	-724.0	QAL	-0.06	0.52	0.32	0.0	0.0	0.0	282.	48.	2.	768.5	28.0	1
128	10	440	37.9327	88.0232	-724.7	(WATER)	1.90	-0.31	0.16	0.0	0.0	12.208	249.	35.	1.	768.5	28.1	1
129	111	436	37.9321	88.0232	-725.5	(WATER)	-0.03	0.14	0.12	0.0	0.0	0.0	222.	28.	3.	769.0	28.0	1
130	11	440	37.9315	88.0232	-724.5	(WATER)	1.24	0.27	-0.00	0.0	0.0	0.0	205.	35.	2.	770.0	28.1	1
131	11	440	37.9309	88.0231	-725.7	(WATER)	1.57	0.54	0.11	0.0	0.0	0.0	286.	40.	3.	768.5	28.1	1
132	110	440	37.9304	88.0231	-724.2	(WATER)	0.87	0.22	0.34	0.0	0.0	0.0	410.	33.	6.	767.4	28.1	1
133	10	424	37.9298	88.0231	-721.5	(WATER)	2.10	0.08	0.48	0.0	0.0	4.337	604.	35.	7.	768.0	28.1	1
134	10	404	37.9292	88.0231	-719.2	(WATER)	3.08	0.94	0.76	0.0	0.0	4.051	774.	38.	5.	768.0	28.1	1
135	10	416	37.9286	88.0231	-715.2	(WATER)	2.50	0.83	1.01	0.0	0.0	2.469	966.	41.	5.	769.0	28.1	1
136	0	416	37.9280	88.0231	-715.0	(WATER)	3.93	1.63	0.90	0.415	1.819	4.380	1150.	48.	6.	769.5	28.1	1
137	10	416	37.9274	88.0231	-716.0	QAL	6.06	1.22	1.31	0.0	0.0	4.644	1281.	43.	6.	769.5	28.1	1
138	0	420	37.9268	88.0231	-711.5	QAL	3.86	2.24	1.35	0.580	1.663	2.868	1371.	38.	8.	770.5	28.2	1
139	10	424	37.9263	88.0230	-710.7	QAL	5.37	1.48	1.26	0.0	0.0	4.252	1429.	30.	11.	770.0	28.1	1
140	10	424	37.9257	88.0231	-714.2	QAL	5.09	0.98	1.17	0.0	0.0	4.335	1431.	34.	12.	768.0	28.1	1
141	10	424	37.9251	88.0231	-714.2	QAL	5.30	1.50	1.20	0.0	0.0	4.418	1429.	32.	12.	768.0	28.1	1
142	10	420	37.9245	88.0231	-711.5	QAL	6.12	1.03	1.36	0.0	0.0	4.502	1462.	46.	11.	768.0	28.1	1
143	0	416	37.9239	88.0230	-712.5	QAL	4.94	1.70	1.17	0.344	1.454	4.229	1433.	48.	12.	769.0	28.1	1
144	0	416	37.9234	88.0230	-715.0	QAL	7.09	1.83	1.60	0.258	1.146	4.439	1563.	31.	5.	770.0	28.1	1
145	0	412	37.9228	88.0230	-712.2	QAL	5.72	2.22	1.25	0.388	1.775	4.576	1485.	40.	7.	770.0	28.1	1
146	0	416	37.9222	88.0230	-714.2	QAL	6.73	4.12	1.49	0.612	2.767	4.520	1677.	41.	4.	770.0	28.1	1
147	0	412	37.9216	88.0230	-717.5	QAL	5.54	1.93	1.38	0.348	1.398	4.018	1547.	47.	7.	769.0	28.1	1
148	0	416	37.9210	88.0230	-717.2	QAL	7.54	2.10	1.45	0.279	1.448	5.195	1648.	38.	4.	769.5	28.2	1
149	0	420	37.9204	88.0230	-717.2	QAL	6.19	4.68	1.28	0.756	3.644	4.818	1645.	29.	2.	769.5	28.2	1
150	0	424	37.9199	88.0230	-719.0	QAL	7.87	2.44	1.50	0.310	1.629	5.264	1722.	28.	3.	768.0	28.2	1
151	0	424	37.9193	88.0229	-718.0	QAL	6.64	2.39	1.50	0.360	1.596	4.430	1724.	45.	7.	768.5	28.2	1
152	0	420	37.9187	88.0229	-718.0	QAL	5.89	2.92	1.57	0.495	1.858	3.757	1669.	40.	10.	769.5	28.2	1
153	0	424	37.9181	88.0230	-717.5	QAL	6.41	3.74	1.13	0.584	3.299	5.648	1576.	47.	10.	769.5	28.2	1
154	10	424	37.9175	88.0230	-717.7	QAL	6.80	0.92	1.55	0.0	0.0	4.381	1663.	35.	13.	770.5	28.2	1
155	10	424	37.9169	88.0229	-717.2	QAL	6.00	1.50	1.35	0.0	0.0	4.437	1584.	43.	14.	769.5	28.2	1
156	10	420	37.9164	88.0229	-717.2	QAL	8.19	0.78	1.22	0.0	0.0	6.718	1472.	42.	9.	767.4	28.2	1
157	0	424	37.9158	88.0229	-717.0	QAL	6.71	2.90	1.20	0.433	2.426	5.601	1525.	35.	10.	766.4	28.2	1
158	0	424	37.9152	88.0229	-715.2	QAL	5.93	2.26	1.16	0.380	1.949	5.125	1461.	32.	10.	768.0	28.3	1
159	0	432	37.9146	88.0229	-715.5	QAL	7.07	1.72	1.11	0.244	1.557	6.378	1430.	48.	7.	770.0	28.4	1

CP9 LP 12

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
160	10	436	37.9140	88.0229	-715.2	QAL	6.12	1.39	1.22	0.0	0.0	5.032	1326.	36.	6.	771.1	28.4	1
161	0	440	37.9134	88.0229	-713.5	QAL	4.30	2.84	1.09	0.660	2.607	3.951	1383.	34.	5.	770.0	28.3	1
162	0	440	37.9129	88.0229	-712.0	QAL	6.61	1.50	1.32	0.227	1.134	5.004	1422.	35.	1.	768.5	28.3	1
163	0	440	37.9123	88.0228	-711.7	QAL	5.89	2.09	1.48	0.355	1.418	3.990	1505.	37.	3.	768.5	28.2	1
164	0	440	37.9117	88.0228	-714.0	QAL	6.54	2.04	1.56	0.312	1.308	4.198	1545.	37.	3.	768.0	28.3	1
165	10	444	37.9111	88.0228	-712.5	QAL	8.74	0.37	1.28	0.0	0.0	6.802	1535.	41.	6.	768.0	28.4	1
166	0	452	37.9105	88.0229	-710.2	QAL	5.16	3.73	1.44	0.724	2.590	3.577	1588.	34.	5.	769.0	28.5	1
167	0	452	37.9099	88.0227	-711.5	QAL	4.42	3.50	1.20	0.791	2.925	3.696	1529.	53.	6.	769.5	28.4	1
168	10	452	37.9093	88.0228	-711.2	QAL	5.82	1.52	1.33	0.0	0.0	4.363	1555.	52.	12.	769.5	28.4	1
169	0	448	37.9087	88.0228	-707.5	QAL	6.41	1.85	1.27	0.288	1.457	5.051	1587.	39.	11.	769.5	28.4	1
170	10	448	37.9082	88.0228	-704.2	QAL	4.47	1.42	1.42	0.0	0.0	3.158	1473.	47.	13.	768.5	28.5	1
171	10	452	37.9076	88.0227	-704.2	QAL	5.99	0.51	1.42	0.0	0.0	4.224	1467.	41.	11.	768.5	28.5	1
172	0	456	37.9070	88.0227	-705.5	QAL	5.81	1.68	1.18	0.289	1.417	4.905	1438.	27.	11.	768.5	28.5	1
173	0	464	37.9064	88.0227	-704.5	QAL	5.77	2.00	1.49	0.346	1.340	3.875	1581.	54.	10.	769.0	28.4	1
174	10	468	37.9059	88.0227	-704.7	QAL	5.08	1.49	1.50	0.0	0.0	3.389	1535.	50.	12.	769.0	28.5	1
175	10	472	37.9052	88.0227	-703.5	QAL	5.70	0.41	1.72	0.0	0.0	3.307	1548.	43.	8.	766.9	28.4	1
176	0	476	37.9046	88.0227	-702.0	QAL	8.11	2.53	1.33	0.312	1.903	6.103	1633.	46.	11.	766.4	28.4	1
177	0	484	37.9041	88.0227	-702.0	QAL	6.46	3.04	1.29	0.470	2.359	5.020	1609.	44.	11.	767.4	28.3	1
178	0	484	37.9035	88.0227	-702.2	QAL	6.25	4.06	1.16	0.650	3.506	5.394	1524.	34.	7.	766.4	28.3	1
179	10	484	37.9029	88.0226	-703.0	QAL	5.55	0.97	1.51	0.0	0.0	3.680	1527.	43.	7.	766.4	28.2	1
180	0	480	37.9023	88.0226	-702.2	QAL	9.92	1.78	1.29	0.180	1.385	7.696	1680.	35.	5.	766.4	28.2	1
181	0	472	37.9017	88.0227	-702.0	QAL	5.46	3.11	1.41	0.569	2.200	3.868	1610.	38.	7.	766.4	28.2	1
182	0	464	37.9011	88.0227	-701.7	QAL	8.01	3.30	1.59	0.411	2.068	5.027	1743.	37.	4.	767.4	28.2	1
183	10	460	37.9006	88.0226	-701.7	QAL	8.77	1.16	1.51	0.0	0.0	5.819	1566.	41.	4.	766.4	28.1	1
184	0	452	37.9000	88.0226	-699.2	QAL	3.81	3.51	1.25	0.922	2.799	3.037	1574.	32.	5.	766.4	28.2	1
185	0	440	37.8994	88.0226	-696.7	QAL	6.47	1.73	1.27	0.268	1.360	5.077	1508.	39.	7.	766.9	28.2	1
186	0	444	37.8988	88.0226	-693.2	QAL	5.26	2.05	1.29	0.390	1.595	4.094	1404.	55.	4.	766.9	28.2	1
187	10	436	37.8982	88.0226	-694.0	QAL	4.84	1.02	1.45	0.0	0.0	3.331	1394.	37.	4.	768.0	28.2	1
188	0	436	37.8976	88.0226	-694.2	QAL	5.09	1.61	1.37	0.317	1.178	3.714	1329.	45.	4.	769.0	28.1	1
189	0	432	37.8970	88.0226	-695.5	QAL	4.97	2.09	1.17	0.420	1.780	4.233	1292.	39.	5.	769.0	28.2	1
190	0	428	37.8965	88.0226	-696.0	QAL	3.40	1.37	1.13	0.401	1.206	3.005	1261.	44.	6.	770.0	28.2	1
191	10	428	37.8959	88.0225	-694.2	QAL	6.36	0.51	1.26	0.0	0.0	5.041	1301.	29.	5.	769.0	28.2	1
192	0	432	37.8953	88.0225	-694.5	QAL	6.66	1.66	1.07	0.250	1.558	6.241	1370.	40.	7.	767.4	28.2	1
193	0	428	37.8947	88.0225	-694.0	QAL	5.40	2.67	1.14	0.494	2.331	4.717	1417.	40.	1.	767.4	28.2	1
194	10	424	37.8941	88.0226	-691.7	QAL	6.31	0.16	1.16	0.0	0.0	5.439	1328.	37.	2.	767.4	28.2	1
195	10	420	37.8936	88.0225	-690.2	QAL	7.08	1.30	1.26	0.0	0.0	5.608	1200.	37.	1.	767.4	28.2	1
196	10	404	37.8930	88.0225	-690.2	QAL	3.00	0.87	0.63	0.0	0.0	4.753	858.	32.	6.	768.0	28.2	1
197	10	436	37.8923	88.0225	-689.5	QAL	1.91	0.61	0.56	0.0	0.0	3.387	620.	51.	5.	768.0	28.2	1
198	10	440	37.8918	88.0225	-688.2	QAL	1.74	-0.36	0.48	0.0	0.0	3.652	483.	41.	8.	769.0	28.2	1
199	10	448	37.8912	88.0225	-687.2	(WATER)	2.15	-0.21	0.36	0.0	0.0	5.979	431.	42.	7.	769.0	28.2	1
200	0	452	37.8906	88.0225	-686.5	(WATER)	1.88	1.58	0.28	0.840	5.695	6.782	473.	30.	8.	767.4	28.2	1
201	10	456	37.8900	88.0225	-685.2	(WATER)	1.59	-0.14	0.41	0.0	0.0	3.884	558.	34.	12.	766.4	28.1	1
202	10	460	37.8895	88.0225	-684.7	(WATER)	1.73	0.62	0.49	0.0	0.0	3.545	652.	41.	7.	766.4	28.1	1
203	10	464	37.8889	88.0225	-684.5	(WATER)	2.70	-0.67	0.60	0.0	0.0	4.501	675.	43.	13.	766.9	28.2	1
204	10	460	37.8883	88.0225	-682.2	(WATER)	2.85	-0.50	0.70	0.0	0.0	4.041	810.	37.	10.	766.9	28.3	1
205	0	444	37.8877	88.0226	-680.0	(WATER)	4.27	2.32	0.69	0.544	3.362	6.182	984.	34.	5.	766.9	28.3	1
206	0	444	37.8871	88.0226	-679.0	(WATER)	3.24	1.50	0.84	0.463	1.791	3.872	1082.	40.	10.	768.0	28.3	1
207	10	448	37.8866	88.0227	-677.5	QT-1	4.64	1.27	0.99	0.0	0.0	4.668	1291.	44.	9.	768.5	28.3	1
208	0	452	37.8860	88.0227	-677.2	QT-1	5.03	2.73	1.33	0.542	2.056	3.792	1429.	46.	8.	768.5	28.3	1
209	0	452	37.8854	88.0227	-675.2	QT-1	5.69	2.26	1.26	0.397	1.792	4.517	1469.	29.	6.	768.0	28.2	1
210	0	452	37.8848	88.0227	-674.7	QT-1	3.82	3.30	1.06	0.865	3.111	3.597	1322.	50.	7.	766.9	28.2	1
211	0	448	37.8842	88.0228	-673.7	QT-1	3.93	3.07	1.26	0.781	2.430	3.110	1451.	41.	9.	766.4	28.2	1
212	0	448	37.8836	88.0229	-672.5	QT-1	5.35	3.04	1.25	0.569	2.436	4.282	1465.	43.	2.	766.9	28.3	1

CP9 1P12
CP9 1P12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
213	0	448	37.8831	88.0229	-671.2	QT-1	9.75	4.01	0.92	0.411	4.351	10.587	1638.	26.	1.	767.4	28.2	1
214	0	452	37.8825	88.0229	-669.7	QT-1	6.92	3.10	1.02	0.448	3.039	6.786	1551.	30.	0.	767.4	28.3	1
215	0	460	37.8819	88.0230	-668.5	QT-2	7.36	2.02	1.32	0.274	1.534	5.589	1500.	52.	4.	766.4	28.3	1
216	0	464	37.8813	88.0230	-667.7	QT-2	6.45	2.87	0.90	0.446	3.184	7.142	1544.	41.	5.	766.9	28.3	1
217	0	448	37.8807	88.0230	-667.0	QT-2	6.84	2.53	1.01	0.370	2.512	6.788	1595.	36.	2.	768.5	28.2	1
218	0	412	37.8801	88.0231	-663.5	QT-2	6.88	2.64	1.02	0.384	2.592	6.748	1500.	30.	4.	768.0	28.1	1
219	0	408	37.8796	88.0231	-663.0	QT-2	8.26	2.77	0.86	0.336	3.238	9.644	1436.	39.	4.	768.0	28.1	1
220	10	396	37.8790	88.0231	-662.7	QT-2	9.58	1.24	0.93	0.0	0.0	10.355	1480.	41.	6.	768.5	28.0	1
221	0	404	37.8784	88.0231	-659.7	QT-2	5.74	2.09	0.88	0.363	2.364	6.508	1393.	33.	9.	767.4	28.0	1
222	0	396	37.8778	88.0232	-657.5	QT-2	7.38	2.13	0.91	0.288	2.326	8.069	1455.	41.	7.	766.9	28.0	1
223	10	388	37.8772	88.0232	-655.7	QT-2	9.30	0.71	1.06	0.0	0.0	8.805	1354.	41.	7.	766.9	28.0	1
224	0	412	37.8766	88.0232	-652.7	QT-2	6.35	2.35	1.21	0.370	1.946	5.255	1475.	45.	7.	767.4	28.0	1
225	0	444	37.8761	88.0233	-651.7	QT-2	4.88	2.25	1.19	0.460	1.887	4.101	1678.	44.	10.	767.4	28.0	1
226	0	440	37.8755	88.0233	-650.2	QT-2	6.72	3.47	1.10	0.517	3.153	6.102	1592.	38.	8.	768.0	27.9	1
227	10	440	37.8748	88.0234	-647.7	QT-2	9.18	1.18	1.13	0.0	0.0	8.093	1589.	32.	10.	769.0	28.0	1
228	10	440	37.8743	88.0234	-646.2	QT-2	8.34	1.36	0.98	0.0	0.0	8.494	1572.	41.	11.	768.0	28.0	1
229	10	440	37.8737	88.0235	-645.5	QT-2	7.49	0.19	1.46	0.0	0.0	5.126	1577.	33.	9.	768.0	27.9	1
230	10	436	37.8732	88.0235	-643.0	QT-2	5.37	1.34	1.45	0.0	0.0	3.699	1533.	50.	12.	767.4	28.0	1
231	0	432	37.8726	88.0235	-639.7	QT-1	6.79	2.33	1.01	0.344	2.311	6.726	1489.	40.	5.	766.4	28.0	1
232	0	436	37.8720	88.0236	-638.7	QT-1	5.40	2.69	0.92	0.498	2.913	5.845	1492.	41.	6.	767.4	28.1	1
233	0	436	37.8714	88.0236	-637.5	QT-1	5.59	1.51	1.07	0.270	1.411	5.215	1439.	43.	6.	767.4	28.0	1
234	0	436	37.8708	88.0236	-634.5	QT-1	5.63	2.28	1.20	0.405	1.896	4.681	1379.	41.	4.	767.4	28.1	1
235	0	440	37.8702	88.0237	-632.5	QT-1	5.35	1.76	1.14	0.329	1.549	4.707	1399.	44.	4.	768.5	28.1	1
236	10	444	37.8696	88.0237	-630.7	QT-1	5.85	1.10	1.21	0.0	0.0	4.831	1269.	51.	5.	769.0	28.1	1
237	0	448	37.8691	88.0238	-627.7	QT-1	6.45	3.98	0.85	0.616	4.679	7.591	1393.	30.	4.	768.0	28.1	1
238	0	452	37.8685	88.0238	-626.5	QT-1	6.21	2.37	1.27	0.381	1.862	4.885	1445.	32.	4.	766.9	28.2	1
239	0	456	37.8679	88.0239	-624.5	QT-1	4.18	2.18	1.08	0.522	2.028	3.884	1355.	34.	5.	766.4	28.2	1
240	10	456	37.8673	88.0239	-620.5	QT-1	6.08	1.37	1.39	0.0	0.0	4.364	1419.	39.	3.	766.4	28.2	1
241	0	464	37.8667	88.0239	-617.7	QT-2	6.70	2.27	1.03	0.338	2.194	6.486	1514.	40.	6.	767.4	28.2	1
242	0	472	37.8661	88.0240	-616.0	QT-2	7.66	2.92	1.35	0.380	2.164	5.689	1532.	45.	0.	768.5	28.2	1
243	0	472	37.8656	88.0240	-614.2	QT-2	7.04	3.78	1.17	0.536	3.217	5.997	1569.	40.	0.	768.5	28.1	1
244	0	472	37.8650	88.0240	-611.5	QT-2	9.80	2.20	1.40	0.225	1.573	6.991	1601.	51.	4.	766.4	27.9	1
245	0	468	37.8644	88.0240	-608.7	QT-2	6.40	3.21	1.31	0.501	2.448	4.883	1584.	41.	2.	765.9	28.1	1
246	0	464	37.8638	88.0241	-605.5	QT-2	7.93	3.00	1.48	0.378	2.027	5.362	1643.	31.	1.	766.9	28.1	1
247	0	464	37.8632	88.0242	-604.5	QT-1	5.41	2.83	1.05	0.522	2.695	5.162	1550.	32.	2.	768.0	28.0	1
248	0	460	37.8627	88.0242	-602.0	QT-1	4.86	4.05	1.13	0.833	3.582	4.298	1450.	43.	4.	768.0	28.0	1
249	0	460	37.8621	88.0243	-598.7	QT-1	5.84	3.46	1.17	0.593	2.961	4.989	1514.	39.	4.	766.9	28.0	1
250	0	456	37.8615	88.0243	-595.5	QT-1	4.12	3.64	1.01	0.884	3.622	4.096	1528.	46.	7.	766.4	28.0	1
251	0	448	37.8609	88.0243	-593.5	QT-1	7.13	2.31	1.05	0.324	2.204	6.798	1540.	43.	6.	768.0	28.0	1
252	10	452	37.8603	88.0243	-591.5	QT-2	7.31	1.01	1.24	0.0	0.0	5.884	1498.	44.	7.	768.5	28.0	1
253	10	448	37.8597	88.0244	-588.0	QT-2	8.05	1.53	1.29	0.0	0.0	6.264	1526.	39.	10.	767.4	28.0	1
254	0	448	37.8591	88.0244	-585.2	QT-2	8.07	3.26	1.08	0.404	3.014	7.465	1638.	41.	6.	768.5	28.0	1
255	0	444	37.8586	88.0244	-583.7	QT-2	7.39	3.23	1.04	0.437	3.111	7.125	1631.	39.	7.	768.5	28.0	1
256	0	444	37.8580	88.0244	-581.0	QT-2	7.30	3.72	1.04	0.510	3.591	7.043	1691.	41.	7.	766.9	28.0	1
257	0	440	37.8574	88.0246	-576.5	QT-2	6.12	3.00	1.04	0.490	2.882	5.880	1595.	40.	7.	767.4	28.0	1
258	10	444	37.8568	88.0246	-573.7	QT-2	7.11	1.07	1.45	0.0	0.0	4.896	1641.	43.	9.	768.5	28.0	1
259	0	440	37.8562	88.0247	-571.0	QT-2	8.20	2.58	1.35	0.315	1.917	6.092	1769.	28.	9.	769.0	28.0	1
260	0	432	37.8557	88.0247	-567.7	QT-2	9.22	3.18	1.58	0.345	2.006	5.822	1725.	40.	4.	770.0	28.0	1
261	0	432	37.8551	88.0247	-565.2	QT-2	7.19	3.52	1.38	0.489	2.547	5.207	1746.	28.	6.	769.0	28.0	1
262	0	432	37.8545	88.0247	-563.7	QT-2	8.09	1.87	1.12	0.231	1.669	7.226	1602.	49.	5.	768.0	28.1	1
263	10	440	37.8539	88.0247	-559.2	QT-2	8.74	1.50	1.22	0.0	0.0	7.139	1623.	30.	7.	767.4	28.1	1
264	0	448	37.8533	88.0248	-556.5	QT-2	7.87	1.76	1.16	0.224	1.516	6.766	1596.	38.	4.	767.4	28.1	1
265	0	408	37.8527	88.0248	-555.0	QT-2	7.76	2.01	1.08	0.259	1.870	7.212	1579.	35.	4.	768.5	28.1	1

CP9 1P 12

ID	TAGS QUAL	ALT	LOCATION LAT	LONG	MAG	RK.UNIT	REDUCED DATA TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
266	0	392	37.8521	88.0248	-551.7	QT-2	7.85	2.54	1.15	0.324	2.219	6.856	1494.	28.	4.	768.5	28.1	1
267	0	388	37.8516	88.0249	-547.0	QT-2	6.56	2.83	0.94	0.432	3.009	6.971	1492.	60.	4.	768.5	28.1	1
268	0	392	37.8510	88.0249	-542.2	QT-2	7.67	1.95	1.06	0.255	1.840	7.228	1517.	35.	4.	766.4	28.2	1
269	0	400	37.8504	88.0250	-540.0	QT-2	6.60	1.92	0.97	0.290	1.976	6.805	1449.	28.	4.	766.4	28.2	1
270	0	480	37.8499	88.0250	-536.5	QT-2	9.25	3.30	1.15	0.357	2.867	8.039	1704.	31.	3.	767.4	28.3	1
271	0	400	37.8492	88.0250	-533.7	QT-2	6.63	3.17	1.13	0.478	2.795	5.844	1483.	37.	1.	768.5	28.3	1
272	0	404	37.8486	88.0251	-532.0	QT-2	6.31	3.05	0.92	0.483	3.315	6.865	1512.	41.	0.	768.5	28.4	1
273	0	400	37.8481	88.0251	-528.7	QT-2	6.58	2.70	1.11	0.411	2.436	5.929	1504.	52.	0.	768.5	28.4	1
274	0	400	37.8475	88.0252	-524.2	QT-2	6.52	2.82	1.19	0.433	2.378	5.496	1543.	42.	1.	766.4	28.4	1
275	0	400	37.8469	88.0252	-519.7	QT-2	6.56	3.20	0.99	0.488	3.245	6.653	1496.	41.	0.	766.4	28.4	1
276	0	404	37.8464	88.0253	-517.0	QT-2	7.37	1.71	1.32	0.233	1.304	5.601	1608.	49.	2.	768.5	28.3	1
277	0	440	37.8457	88.0253	-512.5	(WATER)	7.25	6.24	1.18	0.861	5.286	6.143	1761.	40.	3.	768.5	28.3	1
278	0	440	37.8452	88.0253	-508.7	(WATER)	10.09	3.11	1.25	0.308	2.487	8.070	1896.	32.	5.	768.5	28.2	1
279	0	440	37.8446	88.0254	-506.5	(WATER)	10.13	1.77	1.50	0.175	1.175	6.735	1994.	39.	6.	767.4	28.2	1
280	0	436	37.8440	88.0254	-502.0	(WATER)	9.78	2.04	1.36	0.209	1.500	7.187	1798.	35.	6.	767.4	28.2	1
281	0	436	37.8434	88.0255	-495.5	(WATER)	8.95	2.22	1.46	0.248	1.521	6.143	1870.	40.	2.	767.4	28.1	1
282	0	400	37.8428	88.0255	-494.7	(WATER)	6.73	4.47	1.17	0.665	3.825	5.755	1711.	41.	2.	767.4	28.1	1
283	0	424	37.8422	88.0255	-493.5	(WATER)	8.35	2.92	1.32	0.350	2.211	6.311	1803.	44.	1.	767.4	28.0	1
284	0	428	37.8417	88.0256	-490.2	(WATER)	11.45	2.48	1.22	0.216	2.026	9.364	1826.	50.	3.	769.5	28.0	1
285	0	400	37.8411	88.0256	-487.2	(WATER)	9.00	3.12	1.22	0.347	2.567	7.391	1627.	43.	0.	770.0	27.9	1
286	0	388	37.8405	88.0256	-484.7	QAL	6.65	4.66	1.09	0.701	4.261	6.077	1436.	37.	0.	768.0	28.0	1
287	0	396	37.8399	88.0256	-482.2	QAL	5.43	2.69	0.80	0.496	3.351	6.757	1388.	37.	1.	768.0	27.9	1
288	0	432	37.8394	88.0257	-478.0	QAL	3.71	2.98	0.77	0.803	3.855	4.802	1156.	31.	4.	768.0	27.9	1
289	0	452	37.8388	88.0257	-473.5	QAL	3.77	1.59	0.39	0.423	4.041	9.559	903.	37.	8.	767.4	27.9	1
290	10	452	37.8382	88.0257	-472.7	QAL	2.72	0.45	0.43	0.0	0.0	6.371	620.	32.	7.	768.5	27.9	1
291	10	452	37.8376	88.0258	-471.7	QAL	1.30	-0.31	0.29	0.0	0.0	4.481	414.	32.	12.	769.5	27.9	1
292	110	452	37.8370	88.0258	-468.2	QAL	0.54	0.45	0.36	0.0	0.0	0.0	424.	23.	9.	768.5	27.9	1
293	110	452	37.8364	88.0258	-463.5	QAL	1.10	-0.41	0.17	0.0	0.0	0.0	293.	38.	7.	767.4	27.9	1
294	11	448	37.8358	88.0259	-462.0	QAL	1.93	0.62	0.03	0.0	0.0	0.0	354.	28.	11.	768.5	27.9	1
295	10	448	37.8353	88.0260	-459.2	QAL	1.35	0.14	0.26	0.0	0.0	5.158	394.	36.	11.	769.5	27.9	1
296	10	448	37.8347	88.0260	-456.7	QAL	1.62	-1.12	0.37	0.0	0.0	4.401	434.	55.	12.	768.5	27.9	1
297	10	452	37.8341	88.0260	-452.0	QAL	2.01	0.00	0.31	0.0	0.0	6.398	592.	41.	13.	766.4	28.0	1
298	10	456	37.8335	88.0260	-449.7	QAL	2.40	0.10	0.37	0.0	0.0	6.432	726.	31.	15.	767.4	28.0	1
299	10	460	37.8329	88.0261	-447.0	QAL	2.59	0.88	0.67	0.0	0.0	3.884	859.	38.	10.	768.5	28.1	1
300	0	464	37.8324	88.0261	-442.7	QAL	3.54	1.55	0.70	0.438	2.216	5.054	893.	36.	9.	767.4	28.2	1
301	0	472	37.8318	88.0262	-441.0	QAL	4.62	1.88	0.83	0.407	2.252	5.539	940.	46.	8.	768.5	28.2	1
302	0	476	37.8312	88.0262	-438.5	(WATER)	2.96	2.55	0.68	0.859	3.741	4.356	1037.	36.	5.	768.0	28.2	1
303	10	480	37.8306	88.0262	-433.7	(WATER)	3.77	0.73	0.82	0.0	0.0	4.569	1023.	41.	9.	766.9	28.1	1
304	0	480	37.8300	88.0263	-432.0	(WATER)	2.70	2.86	0.54	1.057	5.312	5.025	1004.	39.	4.	769.0	28.0	1
305	0	484	37.8294	88.0263	-430.5	(WATER)	2.63	3.16	0.63	1.201	5.011	4.174	867.	43.	1.	768.5	27.9	1
306	10	484	37.8289	88.0264	-426.5	(WATER)	6.07	1.18	0.93	0.0	0.0	6.513	935.	32.	1.	766.4	27.9	1
307	0	480	37.8283	88.0264	-424.2	(WATER)	1.55	1.94	0.57	1.245	3.416	2.743	688.	44.	1.	766.9	27.8	1
308	0	476	37.8277	88.0264	-421.2	(WATER)	2.28	1.54	0.34	0.677	4.472	6.608	629.	40.	2.	766.9	27.8	1
309	0	472	37.8271	88.0265	-416.2	(WATER)	2.66	1.69	0.29	0.636	5.906	9.289	548.	38.	1.	767.4	27.9	1
310	100	472	37.8265	88.0265	-415.7	(WATER)	0.62	1.87	0.23	0.0	8.137	0.0	460.	39.	3.	768.5	27.9	1
311	10	468	37.8259	88.0266	-413.7	QAL	1.37	0.38	0.46	0.0	0.0	2.953	511.	47.	5.	768.0	27.8	1
312	0	468	37.8253	88.0266	-411.0	QAL	2.56	2.15	0.40	0.841	5.368	6.385	693.	31.	4.	769.0	27.8	1
313	0	464	37.8248	88.0267	-408.0	QAL	3.94	2.38	0.80	0.603	2.958	4.906	941.	39.	4.	768.5	27.8	1
314	0	456	37.8242	88.0267	-406.0	QAL	2.07	1.54	1.07	0.743	1.440	1.938	1209.	34.	5.	766.4	27.8	1
315	0	448	37.8236	88.0267	-403.0	QAL	5.83	1.81	1.25	0.311	1.453	4.675	1468.	37.	5.	768.5	27.8	1
316	0	448	37.8230	88.0268	-399.5	QAL	6.78	3.30	1.33	0.487	2.477	5.089	1656.	48.	3.	769.5	27.8	1
317	0	444	37.8224	88.0268	-397.7	QAL	11.85	2.55	1.14	0.215	2.240	10.408	1801.	32.	3.	767.4	27.8	1
318	0	444	37.8219	88.0269	-394.5	QAL	6.96	3.86	1.36	0.554	2.840	5.123	1771.	39.	3.	768.5	27.8	1

CP9 IP12

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
319	0	440	37.8213	88.0269	-391.0	QAL	7.77	1.97	1.44	0.253	1.366	5.402	1816.	48.	2.	769.0	27.8	1
320	0	436	37.8207	88.0269	-390.0	QAL	7.10	4.14	1.31	0.583	3.160	5.416	1735.	31.	0.	766.9	27.9	1
321	0	440	37.8201	88.0270	-388.7	QAL	6.99	3.90	1.46	0.557	2.674	4.797	1808.	32.	0.	768.0	28.0	1
322	0	444	37.8195	88.0270	-387.0	QAL	7.04	3.02	1.49	0.429	2.032	4.737	1700.	38.	0.	769.0	28.0	1
323	0	456	37.8189	88.0271	-384.5	QAL	9.18	3.31	1.45	0.361	2.290	6.350	1774.	48.	1.	768.0	28.0	1
324	0	460	37.8184	88.0271	-380.7	QAL	8.42	4.01	1.45	0.476	2.766	5.810	1772.	36.	4.	767.4	28.0	1
325	0	460	37.8178	88.0271	-376.7	QAL	7.80	3.80	1.23	0.487	3.100	6.359	1772.	37.	5.	767.4	28.0	1
326	0	460	37.8172	88.0272	-376.7	QAL	7.86	1.96	1.41	0.249	1.390	5.584	1737.	44.	9.	768.0	27.9	1
327	0	460	37.8166	88.0272	-375.2	QAL	5.94	2.08	1.25	0.351	1.663	4.744	1685.	49.	13.	768.5	27.9	1
328	0	460	37.8160	88.0272	-372.0	QAL	6.94	2.98	1.30	0.430	2.290	5.327	1781.	32.	12.	768.5	27.9	1
329	10	456	37.8154	88.0272	-370.0	QAL	10.94	0.56	1.27	0.0	0.0	8.585	1792.	34.	13.	768.0	27.8	1
330	0	456	37.8148	88.0273	-369.5	QAL	7.08	3.41	1.54	0.482	2.214	4.598	1815.	36.	15.	768.0	27.8	1
331	10	452	37.8143	88.0273	-367.2	QAL	9.42	0.84	1.50	0.0	0.0	6.265	1807.	27.	14.	768.5	27.8	1
332	0	452	37.8137	88.0273	-365.0	QAL	6.82	4.15	1.45	0.608	2.866	4.715	1793.	37.	10.	768.5	27.8	1
333	0	452	37.8131	88.0274	-365.0	QAL	6.73	3.76	1.63	0.559	2.306	4.127	1814.	29.	6.	767.4	27.8	1
334	0	452	37.8125	88.0274	-362.2	QAL	8.60	3.41	1.12	0.396	3.049	7.692	1764.	27.	2.	768.5	27.8	1
335	0	452	37.8119	88.0274	-361.0	QAL	9.24	2.19	1.25	0.237	1.757	7.402	1733.	28.	4.	768.5	27.8	1
336	0	448	37.8114	88.0275	-360.0	QAL	4.91	4.34	1.37	0.885	3.171	3.584	1551.	37.	4.	767.4	27.9	1
337	0	448	37.8108	88.0275	-356.5	QAL	6.63	3.85	0.94	0.581	4.094	7.051	1579.	42.	0.	769.0	27.9	1
338	0	448	37.8102	88.0276	-355.7	QAL	7.87	1.65	1.41	0.210	1.170	5.570	1484.	36.	0.	769.5	27.9	1
339	0	412	37.8096	88.0276	-355.2	QAL	8.36	2.70	1.16	0.322	2.325	7.210	1566.	28.	0.	767.4	27.8	1
340	0	392	37.8090	88.0276	-352.0	QAL	5.23	2.20	1.08	0.421	2.032	4.830	1397.	48.	0.	767.4	27.9	1
341	0	400	37.8084	88.0277	-348.7	QAL	6.60	1.91	1.28	0.290	1.495	5.164	1501.	33.	4.	768.5	27.8	1
342	0	404	37.8079	88.0277	-349.5	QAL	4.92	2.59	1.25	0.526	2.078	3.951	1473.	38.	4.	769.0	27.8	1
343	0	448	37.8073	88.0278	-350.7	QAL	6.88	4.21	1.37	0.612	3.074	5.023	1709.	41.	1.	767.4	27.8	1
344	0	460	37.8067	88.0278	-348.0	QAL	7.79	1.66	1.29	0.213	1.281	6.020	1675.	30.	4.	768.0	27.8	1
345	0	456	37.8062	88.0278	-346.5	QAL	7.33	2.63	1.33	0.359	1.969	5.489	1599.	37.	4.	769.0	27.8	1
346	0	456	37.8056	88.0278	-345.5	(WATER)	3.93	1.83	0.93	0.466	1.980	4.245	1265.	46.	8.	768.5	27.8	1
347	0	464	37.8051	88.0278	-345.7	(WATER)	4.12	2.38	0.72	0.578	3.324	5.755	965.	44.	6.	767.4	27.8	1
348	0	464	37.8046	88.0278	-345.0	(WATER)	2.02	2.13	0.29	1.052	7.440	7.069	734.	31.	8.	769.0	27.8	1
349	110	464	37.8040	88.0278	-342.2	(WATER)	0.71	1.09	0.39	0.0	0.0	0.0	567.	44.	10.	769.0	27.8	1
350	110	464	37.8035	88.0278	-343.2	(WATER)	-0.08	0.01	0.26	0.0	0.0	0.0	416.	36.	9.	767.4	27.8	1
351	1	464	37.8029	88.0278	-344.0	(WATER)	1.48	1.33	-0.09	0.895	0.0	0.0	386.	29.	6.	767.4	27.7	1
352	10	464	37.8024	88.0278	-342.7	(WATER)	1.42	-0.12	0.29	0.0	0.0	4.910	320.	43.	8.	768.0	27.7	1
353	111	464	37.8019	88.0278	-342.0	(WATER)	0.85	1.24	0.13	0.0	0.0	0.0	369.	32.	8.	768.0	27.7	1
354	101	464	37.8014	88.0277	-343.0	(WATER)	1.15	1.44	0.07	0.0	0.0	0.0	313.	31.	2.	768.5	27.8	1
355	110	468	37.8009	88.0278	-342.7	(WATER)	0.10	0.54	0.18	0.0	0.0	0.0	288.	38.	7.	768.5	27.8	1
356	111	468	37.8004	88.0278	-339.5	(WATER)	0.97	0.17	0.13	0.0	0.0	0.0	246.	34.	7.	768.0	27.8	1
357	111	468	37.7998	88.0278	-340.2	(WATER)	1.08	0.97	0.03	0.0	0.0	0.0	260.	27.	6.	768.0	27.8	1
358	111	472	37.7993	88.0278	-341.7	(WATER)	0.24	0.72	-0.03	0.0	0.0	0.0	189.	25.	7.	768.0	27.8	1
359	111	472	37.7987	88.0277	-341.0	(WATER)	0.61	0.02	-0.06	0.0	0.0	0.0	171.	36.	8.	767.4	27.8	1
360	111	476	37.7982	88.0277	-338.2	(WATER)	0.18	-0.91	0.05	0.0	0.0	0.0	143.	30.	11.	769.0	27.8	1
361	111	476	37.7977	88.0277	-337.2	(WATER)	-0.04	-0.65	0.12	0.0	0.0	0.0	173.	26.	10.	769.5	27.7	1
362	111	476	37.7972	88.0277	-339.0	(WATER)	0.29	0.76	-0.08	0.0	0.0	0.0	157.	33.	9.	766.4	27.8	1
363	111	476	37.7966	88.0277	-341.0	(WATER)	-0.17	1.20	-0.10	0.0	0.0	0.0	146.	38.	9.	765.4	27.8	1
364	111	476	37.7961	88.0277	-340.0	(WATER)	0.73	0.80	-0.16	0.0	0.0	0.0	171.	35.	9.	768.5	27.8	1
365	111	480	37.7956	88.0277	-339.5	(WATER)	1.09	-0.32	0.05	0.0	0.0	0.0	223.	30.	11.	769.0	27.8	1
366	110	480	37.7951	88.0277	-340.7	(WATER)	1.09	-0.19	0.30	0.0	0.0	0.0	373.	38.	11.	766.4	27.8	1
367	100	476	37.7945	88.0276	-340.0	(WATER)	0.03	1.32	0.25	0.0	5.292	0.0	484.	37.	10.	768.0	27.8	1
368	0	468	37.7940	88.0276	-340.0	(WATER)	3.55	1.83	0.53	0.516	3.461	6.702	842.	30.	11.	770.5	27.8	1
369	10	460	37.7935	88.0276	-339.2	(WATER)	6.17	0.15	0.83	0.0	0.0	7.440	1068.	40.	7.	768.5	27.8	1
370	10	460	37.7929	88.0277	-340.7	(WATER)	6.77	1.57	0.92	0.0	0.0	7.382	1396.	34.	13.	766.9	27.8	1
371	0	460	37.7924	88.0277	-340.0	(WATER)	7.77	2.37	1.00	0.305	2.369	7.755	1442.	39.	9.	768.0	27.7	1

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
372	0	456	37.7919	88.0276	-340.2	(WATER)	7.09	1.89	1.51	0.267	1.255	4.699	1664.	41.	8.	767.4	27.7	1
373	0	452	37.7914	88.0276	-342.5	(WATER)	6.77	3.40	1.33	0.503	2.565	5.101	1855.	35.	8.	767.4	27.7	1
374	0	452	37.7909	88.0276	-342.2	(WATER)	7.11	3.45	1.36	0.485	2.536	5.224	1849.	34.	8.	768.5	27.8	1
375	0	444	37.7903	88.0276	-342.5	(WATER)	8.59	3.92	1.46	0.457	2.683	5.874	1911.	40.	5.	767.4	27.9	1
376	0	440	37.7898	88.0275	-344.5	(WATER)	7.04	4.60	1.45	0.654	3.179	4.858	1821.	42.	1.	767.4	27.8	1
377	0	440	37.7893	88.0275	-345.2	(WATER)	9.30	4.47	1.15	0.481	3.874	8.059	1910.	47.	1.	769.5	27.8	1
378	0	436	37.7887	88.0275	-346.2	(WATER)	8.15	3.58	1.50	0.439	2.391	5.446	1838.	42.	4.	768.5	27.8	1
379	0	436	37.7882	88.0275	-346.7	(WATER)	8.73	4.44	1.31	0.509	3.385	6.656	1841.	24.	0.	768.5	27.9	1
380	0	432	37.7877	88.0275	-347.7	(WATER)	7.35	4.11	1.48	0.558	2.772	4.963	1871.	33.	2.	770.5	27.9	1
381	0	428	37.7872	88.0275	-348.7	(WATER)	9.19	3.60	1.54	0.392	2.345	5.977	1971.	33.	5.	769.0	27.9	1
382	0	428	37.7866	88.0275	-349.7	(WATER)	10.20	3.14	1.29	0.308	2.441	7.918	1963.	26.	8.	768.5	28.0	1
383	0	424	37.7861	88.0275	-351.0	(WATER)	7.46	2.57	1.64	0.345	1.571	4.558	1889.	41.	10.	769.0	28.0	1
384	10	420	37.7856	88.0275	-351.0	(WATER)	9.94	1.43	1.69	0.0	0.0	5.890	1944.	39.	9.	769.0	28.1	1
385	0	420	37.7851	88.0274	-349.0	(WATER)	7.78	2.69	1.60	0.346	1.685	4.868	1954.	43.	10.	769.0	28.1	1
386	0	428	37.7846	88.0275	-352.2	(WATER)	10.73	3.18	1.42	0.297	2.239	7.546	1933.	39.	7.	768.5	28.2	1
387	0	428	37.7840	88.0275	-357.5	QAL	8.64	3.65	1.57	0.423	2.320	5.491	1917.	41.	6.	769.0	28.2	1
388	0	432	37.7835	88.0275	-358.5	QAL	12.19	2.83	1.39	0.232	2.028	8.750	1987.	34.	6.	769.5	28.3	1
389	0	436	37.7830	88.0274	-359.0	QAL	6.96	2.86	1.47	0.411	1.948	4.742	2005.	40.	9.	767.4	28.2	1
390	0	440	37.7824	88.0274	-360.5	QAL	7.87	5.93	1.30	0.753	4.574	6.075	2050.	31.	2.	768.5	28.2	1
391	0	444	37.7819	88.0274	-361.5	QAL	8.48	5.12	1.46	0.603	3.498	5.800	1923.	29.	2.	769.5	28.1	1
392	0	448	37.7814	88.0274	-363.7	QAL	8.38	4.50	1.51	0.537	2.972	5.534	1993.	29.	5.	767.4	28.1	1
393	0	452	37.7808	88.0274	-365.7	QAL	6.71	2.73	1.74	0.407	1.575	3.867	1879.	36.	3.	767.4	28.0	1
394	0	452	37.7803	88.0274	-368.7	QAL	8.51	4.85	1.50	0.569	3.237	5.684	2047.	35.	5.	769.0	28.0	1
395	0	452	37.7798	88.0274	-370.2	QAL	6.95	1.92	1.92	0.276	1.000	3.623	2084.	35.	8.	768.0	28.0	1
396	0	452	37.7793	88.0274	-370.0	QAL	10.08	2.65	1.96	0.263	1.352	5.135	1935.	41.	3.	766.4	28.0	1
397	0	452	37.7788	88.0274	-373.0	QAL	7.87	4.62	1.60	0.587	2.884	4.911	2124.	33.	8.	767.4	27.9	1
398	10	448	37.7782	88.0273	-376.5	QAL	9.76	1.25	1.75	0.0	0.0	5.566	2021.	46.	9.	769.0	27.9	1
399	0	448	37.7777	88.0273	-379.0	QAL	8.96	2.42	1.86	0.271	1.302	4.813	2104.	36.	9.	768.0	27.9	1
400	0	448	37.7772	88.0273	-380.2	QAL	9.07	3.79	1.46	0.418	2.599	6.222	1973.	38.	6.	768.5	27.9	1
401	0	448	37.7767	88.0274	-383.5	QAL	8.75	2.46	1.51	0.281	1.633	5.810	1995.	44.	7.	769.5	27.9	1
402	0	444	37.7761	88.0273	-385.2	QAL	9.43	2.93	1.70	0.311	1.722	5.530	1999.	41.	5.	766.9	28.0	1
403	0	444	37.7756	88.0273	-388.2	QAL	8.73	1.88	1.77	0.216	1.065	4.937	1939.	39.	5.	766.9	28.0	1
404	0	444	37.7750	88.0273	-389.7	QAL	10.78	2.86	1.64	0.265	1.745	6.578	2021.	34.	0.	770.0	28.0	1
405	0	440	37.7745	88.0273	-392.2	QAL	10.57	4.14	1.65	0.391	2.508	6.408	2101.	34.	3.	769.0	28.0	1
406	0	440	37.7740	88.0273	-395.7	QAL	9.79	4.98	1.22	0.508	4.090	8.050	2075.	30.	6.	768.0	28.0	1
407	0	440	37.7735	88.0273	-398.2	QAL	9.28	2.54	1.50	0.274	1.695	6.182	1994.	46.	5.	769.0	28.0	1
408	0	440	37.7730	88.0273	-401.5	QAL	9.22	2.05	2.02	0.222	1.014	4.569	2058.	53.	6.	767.4	27.9	1
409	0	436	37.7725	88.0273	-403.2	QAL	10.94	4.74	1.53	0.433	3.092	7.132	1978.	38.	1.	766.9	27.9	1
410	0	436	37.7719	88.0273	-407.0	QAL	8.60	6.34	1.33	0.737	4.751	6.450	1984.	34.	2.	769.0	27.9	1
411	0	432	37.7713	88.0272	-410.0	QAL	11.50	1.91	1.70	0.166	1.125	6.771	2057.	31.	9.	768.0	27.9	1
412	0	432	37.7709	88.0272	-411.0	QAL	8.65	2.32	1.60	0.268	1.447	5.402	1884.	40.	7.	768.0	27.8	1
413	10	432	37.7703	88.0272	-413.0	QAL	7.89	1.40	1.39	0.0	0.0	5.654	1780.	41.	9.	769.0	27.8	1
414	0	428	37.7698	88.0272	-417.5	QAL	7.27	2.14	1.30	0.295	1.644	5.582	1545.	37.	6.	768.5	27.8	1
415	0	428	37.7693	88.0272	-420.2	QAL	3.34	3.47	0.95	1.039	3.659	3.521	1274.	38.	6.	768.0	27.8	1
416	0	440	37.7687	88.0272	-424.0	(WATER)	2.64	1.54	0.44	0.584	3.505	6.003	856.	30.	8.	769.5	27.8	1
417	10	440	37.7682	88.0272	-428.2	(WATER)	2.57	-0.50	0.43	0.0	0.0	5.918	525.	38.	10.	769.0	27.8	1
418	11	440	37.7677	88.0272	-432.0	(WATER)	1.40	1.13	0.08	0.0	0.0	0.0	344.	30.	6.	768.0	27.8	1
419	101	440	37.7672	88.0272	-436.7	(WATER)	0.79	1.34	-0.03	0.0	0.0	0.0	275.	32.	6.	769.5	27.8	1
420	11	440	37.7667	88.0272	-438.0	(WATER)	1.61	0.18	0.09	0.0	0.0	0.0	306.	38.	8.	771.1	27.8	1
421	100	440	37.7661	88.0272	-441.0	(WATER)	0.81	1.25	0.27	0.0	4.601	0.0	490.	37.	5.	769.0	27.8	1
422	0	440	37.7656	88.0272	-445.2	(WATER)	3.90	2.17	0.51	0.555	4.261	7.677	789.	34.	5.	769.0	27.8	1
423	0	428	37.7650	88.0272	-449.7	(WATER)	4.85	1.61	0.70	0.332	2.312	6.961	1029.	42.	6.	769.5	27.8	1
424	10	424	37.7645	88.0271	-451.5	(WATER)	6.83	1.01	1.27	0.0	0.0	5.382	1303.	45.	5.	768.0	27.8	1

* TAGS *			LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
425	0	428	37.7640	88.0271	-455.2	(WATER)	8.04	1.91	1.69	0.238	1.132	4.761	1654.	40.	6.	768.5	27.8	1
426	0	432	37.7635	88.0271	-458.5	QAL	6.25	3.68	1.41	0.588	2.600	4.420	1711.	47.	4.	770.0	27.8	1
427	0	428	37.7630	88.0271	-464.0	QAL	8.96	3.64	1.63	0.406	2.238	5.509	1847.	35.	1.	768.5	27.8	1
428	0	428	37.7624	88.0271	-468.7	QAL	6.35	3.63	1.28	0.571	2.826	4.946	1863.	39.	10.	769.0	27.8	1
429	10	424	37.7619	88.0271	-470.0	QAL	7.74	1.31	1.62	0.0	0.0	4.777	1855.	43.	14.	769.5	27.7	1
430	0	424	37.7614	88.0271	-473.2	QAL	7.41	3.03	1.64	0.408	1.841	4.507	2021.	36.	11.	769.0	27.8	1
431	0	424	37.7608	88.0271	-478.0	QAL	8.29	2.81	1.47	0.340	1.918	5.647	2081.	34.	15.	768.5	27.7	1
432	0	424	37.7603	88.0270	-479.5	QAL	8.83	3.70	1.42	0.419	2.612	6.231	2033.	31.	12.	769.5	27.8	1
433	10	428	37.7598	88.0270	-482.5	QAL	9.68	1.19	1.90	0.0	0.0	5.101	1973.	36.	16.	770.0	27.8	1
434	0	424	37.7592	88.0271	-488.2	QAL	7.75	2.57	1.54	0.332	1.670	5.035	1962.	41.	14.	768.5	27.8	1
435	0	424	37.7587	88.0271	-493.7	QAL	8.80	2.15	1.68	0.244	1.282	5.249	1957.	42.	16.	768.0	27.8	1
436	0	428	37.7582	88.0271	-497.5	QAL	8.81	2.78	1.50	0.316	1.853	5.870	1983.	37.	11.	769.5	27.9	1
437	0	432	37.7577	88.0270	-501.5	QAL	9.70	4.40	1.79	0.454	2.458	5.418	2131.	34.	12.	770.0	27.9	1
438	0	432	37.7572	88.0270	-506.7	QAL	8.24	4.25	1.48	0.515	2.874	5.580	2071.	38.	10.	768.0	27.9	1
439	0	432	37.7566	88.0270	-509.2	QAL	9.46	3.17	1.85	0.335	1.715	5.118	2082.	32.	10.	768.5	27.8	1
440	0	432	37.7561	88.0270	-512.5	QAL	8.31	3.97	1.59	0.478	2.501	5.233	2106.	48.	8.	770.0	27.9	1
441	0	432	37.7556	88.0270	-517.2	QAL	10.87	4.18	1.52	0.385	2.743	7.133	2054.	37.	5.	769.0	27.8	1
442	0	436	37.7551	88.0270	-522.0	QAL	9.58	2.95	1.96	0.307	1.501	4.883	2036.	43.	3.	767.4	27.9	1
443	0	440	37.7545	88.0270	-526.0	QAL	7.34	5.48	1.43	0.747	3.830	5.126	1999.	42.	0.	768.0	27.9	1
444	0	452	37.7540	88.0270	-530.0	QAL	8.70	4.07	1.39	0.468	2.934	6.273	1998.	35.	0.	768.0	28.0	1
445	0	460	37.7535	88.0269	-533.7	QAL	11.53	2.16	1.46	0.187	1.484	7.920	2052.	36.	1.	768.0	27.9	1
446	0	468	37.7529	88.0269	-538.2	QAL	10.11	4.36	1.55	0.431	2.813	6.521	1938.	33.	0.	768.0	27.9	1
447	0	480	37.7524	88.0269	-542.7	QAL	7.02	3.95	1.62	0.563	2.432	4.323	1923.	35.	3.	766.9	27.9	1
448	0	488	37.7519	88.0270	-546.0	QAL	8.53	4.93	1.21	0.579	4.071	7.038	1728.	41.	2.	766.4	27.9	1
449	0	492	37.7514	88.0270	-547.5	QAL	8.50	2.61	1.35	0.307	1.936	6.307	1746.	43.	5.	767.4	27.8	1
450	0	500	37.7509	88.0269	-553.5	QAL	7.73	2.51	1.72	0.325	1.461	4.494	1783.	46.	4.	766.9	27.8	1
451	0	504	37.7503	88.0269	-553.2	QAL	8.62	3.50	1.22	0.406	2.855	7.038	1683.	34.	6.	766.9	27.7	1
452	0	504	37.7498	88.0269	-560.5	QAL	9.68	3.43	1.34	0.355	2.556	7.206	1821.	27.	6.	768.0	27.7	1
453	0	500	37.7493	88.0269	-563.0	QAL	7.71	4.19	1.30	0.544	3.224	5.929	1813.	46.	8.	766.9	27.6	1
454	10	496	37.7487	88.0269	-565.7	QAL	7.95	1.53	1.39	0.0	0.0	5.725	1604.	42.	7.	766.9	27.6	1
455	10	496	37.7482	88.0269	-569.5	QAL	9.27	1.73	1.31	0.0	0.0	7.079	1675.	30.	7.	768.0	27.6	1
456	0	492	37.7477	88.0269	-575.0	QAL	6.23	3.90	1.15	0.626	3.386	5.413	1606.	42.	5.	765.9	27.6	1
457	0	472	37.7471	88.0269	-578.0	QAL	5.63	6.07	1.05	1.079	5.758	5.337	1616.	40.	4.	765.9	27.5	1
458	0	384	37.7466	88.0268	-581.5	QT-1	6.04	2.61	0.91	0.432	2.860	6.621	1352.	59.	5.	766.9	27.5	1
459	0	372	37.7461	88.0268	-586.5	QT-1	6.85	2.32	0.82	0.339	2.818	8.321	1399.	37.	6.	765.9	27.5	1
460	0	404	37.7456	88.0268	-588.2	QT-1	3.35	3.08	1.06	0.918	2.909	3.168	1469.	25.	9.	766.9	27.5	1
461	0	412	37.7451	88.0268	-591.5	QT-1	6.35	2.55	0.97	0.402	2.639	6.568	1463.	35.	9.	767.4	27.4	1
462	0	408	37.7446	88.0269	-593.5	QT-1	7.54	1.61	0.79	0.214	2.039	9.544	1431.	42.	10.	764.9	27.4	1
463	10	420	37.7440	88.0267	-596.7	QT-1	6.08	0.98	1.21	0.0	0.0	5.037	1492.	48.	13.	765.4	27.4	1
464	0	440	37.7435	88.0268	-601.7	QT-1	6.01	2.29	0.82	0.381	2.795	7.332	1399.	42.	12.	766.9	27.4	1
465	0	456	37.7429	88.0268	-604.2	QT-1	3.77	3.66	0.88	0.972	4.179	4.298	1359.	47.	11.	766.9	27.3	1
466	0	400	37.7424	88.0268	-610.0	QT-1	6.01	3.10	0.64	0.516	4.863	9.417	1378.	30.	3.	766.4	27.3	1
467	0	372	37.7419	88.0267	-612.5	QT-1	7.06	1.98	0.74	0.281	2.662	9.477	1215.	30.	7.	766.4	27.4	1
468	0	384	37.7414	88.0267	-613.7	QT-1	5.41	1.76	0.77	0.325	2.281	7.017	1252.	41.	4.	766.9	27.4	1
469	0	392	37.7408	88.0267	-615.0	QT-1	6.19	1.86	0.89	0.301	2.099	6.982	1359.	29.	4.	766.9	27.5	1
470	0	400	37.7403	88.0267	-620.7	QT-1	5.89	1.61	1.09	0.273	1.471	5.379	1285.	43.	0.	766.9	27.6	1
471	0	440	37.7398	88.0267	-625.5	QT-1	6.82	1.82	1.06	0.267	1.715	6.418	1347.	44.	1.	766.9	27.6	1
472	10	420	37.7393	88.0267	-628.7	PPST	6.39	1.21	0.82	0.0	0.0	7.784	1322.	43.	4.	766.4	27.7	1
473	0	416	37.7388	88.0267	-631.7	PPST	6.94	1.58	0.94	0.227	1.672	7.366	1293.	55.	4.	766.4	27.7	1
474	0	396	37.7382	88.0267	-635.0	PPST	6.87	2.08	1.10	0.303	1.896	6.253	1299.	44.	5.	766.4	27.7	1
475	0	388	37.7377	88.0267	-640.7	PPST	3.81	2.42	0.97	0.634	2.481	3.914	1287.	34.	6.	766.4	27.7	1
476	0	356	37.7372	88.0266	-642.7	PPST	5.92	1.80	1.01	0.303	1.779	5.866	1322.	44.	6.	766.4	27.7	1
477	0	344	37.7366	88.0266	-644.5	PPST	5.42	1.60	0.76	0.294	2.106	7.155	1325.	33.	10.	766.4	27.6	1

CP9 LP 12
CP9 LP 12

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
478	0	336	37.7361	88.0266	-650.5	PPST	6.38	1.69	0.86	0.264	1.951	7.382	1299.	35.	8.	766.4	27.7	1
479	10	336	37.7356	88.0267	-656.0	PPST	5.97	0.96	0.98	0.0	0.0	6.086	1328.	40.	8.	766.4	27.6	1
480	0	340	37.7351	88.0266	-657.2	PPST	6.26	2.80	0.81	0.447	3.445	7.708	1361.	33.	6.	766.4	27.6	1
481	10	316	37.7345	88.0266	-662.0	PPST	6.21	0.99	1.01	0.0	0.0	6.171	1305.	35.	6.	766.4	27.6	1
482	0	324	37.7340	88.0266	-665.0	PPST	4.19	1.33	1.05	0.319	1.267	3.977	1295.	31.	5.	766.4	27.7	1
483	0	336	37.7335	88.0266	-667.2	PPST	7.30	2.15	0.87	0.294	2.455	8.343	1322.	29.	1.	765.9	27.6	1
484	0	372	37.7330	88.0266	-670.5	PPST	5.31	2.64	0.99	0.497	2.651	5.337	1380.	33.	3.	765.4	27.7	1
485	10	384	37.7324	88.0266	-674.5	PPST	6.02	1.28	0.95	0.0	0.0	6.313	1315.	39.	5.	766.4	27.7	1
486	0	384	37.7319	88.0266	-678.5	PPST	6.15	1.52	1.05	0.248	1.457	5.883	1342.	27.	5.	766.4	27.7	1
487	0	392	37.7314	88.0266	-680.7	PPST	4.55	3.77	0.86	0.828	4.380	5.288	1280.	45.	2.	764.3	27.7	1
488	10	428	37.7309	88.0266	-683.0	PPST	5.96	1.44	1.02	0.0	0.0	5.818	1362.	37.	7.	764.9	27.7	1
489	0	432	37.7303	88.0265	-685.5	PPST	4.74	1.84	0.92	0.387	1.993	5.148	1309.	38.	9.	765.9	27.5	1
490	0	456	37.7298	88.0265	-689.0	PPST	4.80	3.15	0.70	0.656	4.487	6.837	1359.	44.	7.	764.9	27.5	1
491	0	456	37.7293	88.0265	-691.2	PPST	6.01	2.10	0.95	0.349	2.198	6.300	1289.	44.	12.	764.9	27.5	1
492	10	524	37.7287	88.0265	-697.2	PPST	6.43	0.71	1.24	0.0	0.0	5.176	1440.	46.	14.	765.9	27.5	1
493	0	536	37.7282	88.0265	-702.5	PPST	7.05	2.63	1.16	0.373	2.276	6.099	1484.	30.	10.	764.9	27.4	1
494	0	540	37.7277	88.0265	-704.2	PPST	7.38	2.20	0.84	0.297	2.602	8.747	1454.	39.	15.	764.9	27.4	1
495	10	540	37.7272	88.0265	-708.2	PPST	8.02	-0.14	1.13	0.0	0.0	7.124	1564.	46.	13.	765.4	27.4	1
496	0	540	37.7267	88.0265	-710.0	PPST	7.98	3.83	0.77	0.479	4.993	10.414	1482.	41.	9.	764.9	27.5	1
497	0	496	37.7261	88.0264	-711.7	PPST	4.85	3.77	1.16	0.777	3.261	4.198	1482.	33.	5.	763.8	27.5	1
498	0	480	37.7256	88.0265	-713.2	PPST	3.97	2.02	1.02	0.509	1.973	3.878	1330.	45.	8.	763.8	27.5	1
499	0	532	37.7251	88.0265	-715.2	PPST	6.80	3.76	1.17	0.553	3.228	5.835	1599.	25.	8.	764.3	27.4	1
500	0	508	37.7245	88.0265	-717.0	PPST	5.10	4.31	1.11	0.846	3.866	4.572	1539.	37.	5.	765.4	27.5	1
501	10	508	37.7240	88.0265	-718.2	PPST	7.98	1.80	1.27	0.0	0.0	6.276	1569.	38.	9.	764.3	27.5	1
502	0	504	37.7235	88.0264	-722.2	PPST	9.63	2.80	0.97	0.291	2.885	9.914	1577.	35.	5.	763.8	27.5	1
503	10	488	37.7230	88.0264	-726.2	PPST	7.56	0.69	1.28	0.0	0.0	5.894	1597.	33.	10.	764.9	27.5	1
504	0	496	37.7224	88.0264	-728.0	PPST	7.69	4.13	1.02	0.537	4.041	7.525	1620.	43.	6.	764.9	27.5	1
505	0	496	37.7219	88.0264	-730.7	PPST	6.30	3.61	0.85	0.574	4.262	7.430	1590.	54.	8.	764.9	27.5	1
506	10	512	37.7214	88.0264	-734.0	PPST	5.98	0.75	1.74	0.0	0.0	3.436	1646.	40.	9.	765.4	27.6	1
507	0	520	37.7209	88.0264	-735.2	PPST	7.80	2.48	1.15	0.317	2.157	6.793	1668.	29.	8.	764.9	27.5	1
508	0	512	37.7204	88.0264	-739.0	PPST	7.47	1.82	1.09	0.244	1.674	6.854	1568.	32.	9.	764.3	27.5	1
509	0	476	37.7198	88.0264	-741.7	PPST	8.11	2.75	0.92	0.339	2.983	8.808	1496.	37.	7.	765.4	27.5	1
510	0	448	37.7192	88.0263	-743.2	PPST	4.06	3.08	1.05	0.758	2.941	3.882	1480.	41.	7.	765.4	27.6	1
511	0	384	37.7187	88.0263	-744.5	PPST	7.09	2.25	0.99	0.317	2.272	7.167	1385.	49.	2.	765.4	27.5	1
512	0	412	37.7182	88.0264	-747.7	PPST	7.43	4.27	1.20	0.575	3.546	6.169	1586.	35.	0.	765.4	27.6	1
513	0	440	37.7177	88.0264	-747.2	PPST	6.55	3.19	1.14	0.488	2.797	5.731	1618.	41.	2.	765.9	27.6	1
514	0	456	37.7172	88.0264	-746.0	PPST	8.97	3.79	1.13	0.422	3.357	7.951	1626.	29.	4.	765.9	27.6	1
515	10	460	37.7167	88.0263	-748.7	PPST	9.82	1.44	0.99	0.0	0.0	9.952	1648.	33.	3.	766.4	27.5	1
516	10	468	37.7161	88.0263	-750.7	PPST	7.95	0.67	1.31	0.0	0.0	6.077	1587.	50.	7.	766.4	27.5	1
517	0	488	37.7156	88.0263	-751.2	PPST	8.39	4.11	0.92	0.490	4.455	9.097	1600.	34.	4.	765.4	27.4	1
518	0	496	37.7150	88.0263	-755.7	PPST	7.10	2.17	1.25	0.305	1.739	5.692	1652.	40.	9.	765.4	27.5	1
519	0	500	37.7146	88.0262	-759.5	PPST	9.03	2.93	1.16	0.324	2.529	7.809	1613.	46.	7.	766.9	27.5	1
520	10	496	37.7140	88.0262	-760.2	PPST	8.70	1.08	1.17	0.0	0.0	7.458	1536.	35.	7.	766.9	27.5	1
521	0	484	37.7135	88.0262	-764.0	PPST	8.41	2.60	1.11	0.309	2.346	7.583	1597.	28.	5.	766.9	27.5	1
522	10	468	37.7129	88.0262	-765.0	PPST	5.74	1.04	1.13	0.0	0.0	5.088	1539.	29.	9.	766.4	27.6	1
523	0	484	37.7124	88.0262	-765.2	PPST	9.23	3.88	0.91	0.421	4.279	10.173	1550.	43.	9.	764.3	27.5	1
524	0	508	37.7119	88.0262	-767.5	PPST	7.51	2.01	0.82	0.267	2.434	9.104	1484.	44.	10.	764.3	27.6	1
525	0	520	37.7114	88.0262	-768.2	PPST	7.97	2.65	0.75	0.333	3.534	10.614	1516.	28.	9.	764.9	27.6	1
526	0	528	37.7109	88.0262	-772.0	PPST	6.72	2.20	0.88	0.327	2.499	7.646	1527.	41.	12.	764.9	27.7	1
527	0	524	37.7104	88.0262	-773.5	PPST	8.70	2.53	0.91	0.291	2.790	9.600	1565.	37.	11.	765.9	27.7	1
528	10	520	37.7098	88.0262	-776.0	PPST	7.42	0.43	1.12	0.0	0.0	6.653	1450.	28.	13.	765.9	27.7	1
529	0	524	37.7092	88.0262	-778.2	PPST	4.89	3.68	0.67	0.753	5.498	7.297	1511.	45.	11.	764.3	27.8	1
530	0	524	37.7086	88.0262	-778.0	PPST	5.35	2.05	0.85	0.383	2.423	6.329	1457.	44.	11.	763.8	27.7	1

CP9 IP12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
531	10	524	37.7081	88.0261	-779.5	PPST	8.45	1.67	1.04	0.0	0.0	8.157	1574.	37.	10.	764.3	27.7	1
532	0	528	37.7075	88.0261	-780.7	PPST	5.78	2.99	1.18	0.517	2.523	4.880	1583.	35.	7.	765.9	27.7	1
533	0	532	37.7070	88.0261	-779.7	PPST	6.09	4.45	0.98	0.731	4.547	6.218	1509.	43.	4.	765.9	27.7	1
534	0	532	37.7064	88.0261	-783.0	PPST	7.43	1.93	1.30	0.260	1.483	5.700	1517.	35.	6.	763.8	27.7	1
535	0	524	37.7058	88.0261	-784.5	PPST	7.62	2.50	0.95	0.329	2.626	7.985	1466.	38.	6.	764.3	27.7	1
536	0	536	37.7052	88.0261	-781.2	PPST	6.26	2.90	1.14	0.464	2.538	5.474	1521.	40.	5.	765.9	27.8	1
537	0	548	37.7047	88.0261	-783.7	PPST	6.80	2.71	1.07	0.399	2.524	6.328	1456.	40.	5.	765.4	27.7	1
538	0	552	37.7041	88.0260	-786.5	PPST	8.06	2.72	0.97	0.337	2.789	8.277	1528.	43.	7.	765.4	27.7	1
539	0	552	37.7036	88.0260	-787.7	PPST	7.18	2.07	1.14	0.288	1.821	6.320	1597.	44.	4.	764.9	27.7	1
540	0	556	37.7030	88.0260	-790.7	PPST	6.21	2.81	0.93	0.452	3.015	6.667	1602.	30.	5.	764.3	27.8	1
541	0	556	37.7024	88.0260	-789.0	PPST	8.91	2.68	0.92	0.301	2.919	9.715	1544.	37.	4.	764.3	27.8	1
542	0	552	37.7019	88.0260	-787.7	PPST	7.70	2.88	1.20	0.374	2.402	6.430	1490.	48.	7.	763.3	27.8	1
543	0	560	37.7013	88.0260	-788.7	PPST	6.51	2.79	1.16	0.429	2.399	5.597	1534.	33.	8.	763.8	27.7	1
544	10	556	37.7007	88.0260	-788.0	PPST	7.87	1.00	1.32	0.0	0.0	5.967	1646.	33.	12.	763.8	27.8	1
545	10	548	37.7002	88.0259	-789.0	PPST	7.18	0.62	1.36	0.0	0.0	5.291	1554.	44.	11.	763.3	27.7	1
546	10	552	37.6996	88.0260	-790.7	PPST	7.24	1.12	1.14	0.0	0.0	6.376	1574.	40.	12.	763.8	27.7	1
547	10	548	37.6991	88.0260	-789.7	PPST	6.36	1.85	0.76	0.0	0.0	8.362	1504.	34.	16.	764.3	27.7	1
548	0	544	37.6985	88.0259	-789.7	PPST	8.46	2.77	0.78	0.327	3.542	10.830	1507.	35.	12.	763.3	27.7	1
549	10	560	37.6979	88.0259	-791.2	PPST	8.38	1.11	1.13	0.0	0.0	7.422	1629.	39.	14.	763.8	27.7	1
550	10	560	37.6973	88.0259	-790.2	PPST	8.68	0.00	1.17	0.0	0.0	7.408	1619.	48.	13.	765.4	27.7	1
551	10	564	37.6968	88.0258	-791.0	PPST	7.89	0.88	1.05	0.0	0.0	7.487	1616.	36.	15.	765.4	27.7	1
552	0	568	37.6962	88.0258	-792.2	PPST	4.91	2.22	1.08	0.451	2.058	4.562	1589.	47.	13.	764.3	27.8	1
553	10	564	37.6957	88.0258	-792.0	PPST	7.08	1.99	1.08	0.0	0.0	6.524	1531.	37.	10.	763.8	27.8	1
554	10	564	37.6951	88.0258	-790.7	PPST	10.07	1.22	1.00	0.0	0.0	10.060	1612.	43.	9.	763.8	27.8	1
555	10	556	37.6945	88.0258	-792.7	PPST	9.78	0.57	1.36	0.0	0.0	7.209	1671.	43.	12.	764.3	27.7	1
556	0	540	37.6939	88.0258	-790.5	PPST	7.36	4.74	0.75	0.644	6.340	9.849	1686.	44.	7.	765.4	27.8	1
557	0	528	37.6934	88.0258	-787.2	PPST	7.46	3.62	0.92	0.486	3.939	8.113	1522.	37.	6.	763.3	27.7	1
558	10	520	37.6929	88.0257	-787.7	PPST	8.31	1.74	1.20	0.0	0.0	6.948	1575.	39.	7.	763.3	27.8	1
559	10	532	37.6923	88.0257	-785.0	PPST	7.81	1.87	1.10	0.0	0.0	7.110	1585.	29.	10.	764.3	27.7	1
560	0	544	37.6917	88.0257	-787.0	PPST	9.12	2.52	0.87	0.276	2.884	10.432	1492.	34.	3.	763.8	27.7	1
561	0	552	37.6911	88.0258	-789.2	PPST	7.62	2.96	1.02	0.388	2.906	7.490	1607.	38.	7.	764.3	27.7	1
562	0	556	37.6906	88.0257	-786.2	PPST	6.16	3.36	0.97	0.546	3.475	6.365	1605.	41.	5.	764.3	27.8	1
563	10	564	37.6900	88.0257	-786.0	PPST	8.46	1.49	0.96	0.0	0.0	8.849	1489.	45.	5.	762.8	27.8	1
564	0	564	37.6895	88.0257	-784.0	PPST	6.79	4.22	0.66	0.622	6.423	10.327	1518.	43.	5.	763.3	27.9	1
565	0	556	37.6889	88.0256	-782.2	PPST	5.95	3.12	1.29	0.525	2.417	4.607	1519.	46.	5.	764.9	27.9	1
566	0	544	37.6883	88.0257	-781.5	PPST	7.27	2.33	1.19	0.321	1.969	6.133	1587.	36.	4.	764.9	27.9	1
567	0	540	37.6877	88.0257	-779.5	QT-2	7.37	2.36	0.83	0.321	2.858	8.912	1454.	29.	4.	764.3	27.9	1
568	10	556	37.6872	88.0256	-778.7	QT-2	9.21	1.99	1.03	0.0	0.0	8.953	1593.	38.	7.	763.8	27.9	1
569	0	556	37.6866	88.0256	-780.2	QT-2	5.01	2.33	1.11	0.466	2.101	4.504	1510.	40.	8.	763.8	27.9	1
570	0	544	37.6861	88.0256	-778.7	QT-2	7.21	2.59	0.95	0.359	2.730	7.605	1506.	44.	7.	764.3	27.9	1
571	0	536	37.6855	88.0256	-777.7	QT-2	6.00	2.93	1.09	0.488	2.677	5.488	1608.	44.	8.	765.4	27.8	1
572	10	528	37.6849	88.0256	-777.5	QT-2	8.41	1.22	1.09	0.0	0.0	7.743	1603.	44.	9.	765.4	27.8	1
573	0	520	37.6844	88.0256	-775.7	QT-2	9.13	2.85	0.96	0.312	2.964	9.488	1697.	35.	8.	763.8	27.8	1
574	0	496	37.6838	88.0256	-772.7	PPST	5.53	5.39	0.56	0.975	9.660	9.908	1443.	37.	3.	764.3	27.8	1
575	0	476	37.6832	88.0255	-773.0	PPST	7.46	4.14	0.86	0.555	4.830	8.707	1520.	36.	1.	764.3	27.7	1
576	0	476	37.6827	88.0255	-771.5	PPST	7.83	3.16	0.95	0.403	3.310	8.208	1542.	37.	3.	765.4	27.7	1
577	0	440	37.6821	88.0255	-768.2	PPST	7.37	3.11	0.79	0.422	3.960	9.379	1395.	34.	0.	766.4	27.7	1
578	0	440	37.6815	88.0255	-765.0	PPST	6.19	4.15	0.89	0.670	4.671	6.972	1466.	31.	0.	764.3	27.8	1
579	0	460	37.6810	88.0255	-762.7	PPST	5.36	3.19	1.03	0.596	3.098	5.199	1471.	39.	3.	763.8	27.8	1
580	0	480	37.6804	88.0255	-761.7	PPST	7.35	2.28	1.13	0.311	2.026	6.517	1362.	43.	0.	765.4	27.9	1
581	0	496	37.6799	88.0255	-759.2	PPST	7.53	3.53	0.84	0.469	4.197	8.952	1469.	46.	8.	766.4	27.8	1
582	0	460	37.6793	88.0254	-758.5	PPST	4.43	2.02	1.01	0.455	1.998	4.388	1400.	38.	7.	765.4	27.8	1
583	0	452	37.6787	88.0255	-757.0	PPST	5.58	2.62	1.05	0.469	2.498	5.322	1476.	41.	7.	763.8	27.8	1

CP9 1P12

FLIGHT LINE 107 DAY 178 REDUCED DATA TEX-KENT 1979 PADUCAH

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
584	10	456	37.6782	88.0255	-756.0	PPST	7.42	0.60	1.05	0.0	0.0	7.055	1514.	35.	9.	764.3	27.9	1
585	0	476	37.6776	88.0255	-754.5	PPST	5.69	2.14	1.25	0.375	1.706	4.550	1519.	32.	6.	766.4	27.8	1
586	0	428	37.6770	88.0254	-753.0	PPST	7.18	2.99	0.84	0.416	3.564	8.567	1458.	32.	4.	766.4	27.8	1
587	0	388	37.6765	88.0254	-750.7	PPST	6.59	1.94	1.11	0.295	1.753	5.937	1412.	38.	5.	764.3	27.7	1
588	0	416	37.6759	88.0254	-746.7	PPST	6.66	3.53	0.92	0.530	3.836	7.240	1540.	40.	4.	764.3	27.7	1
589	0	444	37.6753	88.0254	-743.7	PPST	7.08	3.04	1.13	0.429	2.695	6.277	1613.	36.	0.	765.4	27.6	1
590	0	480	37.6748	88.0254	-741.5	PPST	7.81	4.03	1.07	0.516	3.754	7.278	1640.	33.	3.	765.9	27.6	1
591	0	480	37.6742	88.0254	-739.5	PPST	9.12	2.72	1.11	0.298	2.444	8.198	1720.	41.	5.	765.9	27.5	1
592	10	488	37.6737	88.0253	-737.7	PPST	10.06	1.11	1.10	0.0	0.0	9.152	1552.	39.	9.	764.9	27.4	1
593	10	508	37.6731	88.0253	-735.7	PPST	8.95	1.57	0.91	0.0	0.0	9.826	1565.	39.	12.	763.3	27.4	1
594	0	520	37.6725	88.0253	-734.5	PPST	8.50	2.87	1.19	0.337	2.408	7.140	1636.	40.	12.	764.3	27.4	1
595	10	524	37.6719	88.0253	-728.0	PPST	6.84	1.26	1.02	0.0	0.0	6.743	1504.	53.	13.	763.8	27.4	1
596	0	524	37.6714	88.0253	-721.0	PPST	5.02	3.62	0.72	0.720	4.996	6.943	1532.	33.	11.	764.9	27.5	1
597	10	524	37.6709	88.0253	-718.2	PPST	12.18	1.55	1.11	0.0	0.0	10.932	1521.	43.	14.	766.4	27.5	1
598	10	524	37.6703	88.0253	-714.7	PPST	5.03	1.50	0.89	0.0	0.0	5.647	1539.	36.	15.	765.4	27.5	1
599	10	516	37.6697	88.0252	-711.7	PPST	6.03	0.50	0.87	0.0	0.0	6.941	1439.	46.	15.	764.3	27.5	1
600	10	512	37.6691	88.0252	-709.7	PPST	8.55	1.76	1.04	0.0	0.0	8.238	1520.	44.	14.	764.9	27.6	1
601	0	512	37.6685	88.0253	-707.0	PPST	8.69	2.16	1.12	0.248	1.933	7.782	1636.	33.	15.	765.4	27.6	1
602	10	508	37.6680	88.0253	-706.7	PPST	8.15	-0.03	1.34	0.0	0.0	6.098	1566.	45.	13.	766.4	27.7	1
603	0	500	37.6675	88.0252	-706.5	PPST	9.19	2.80	1.26	0.304	2.211	7.266	1508.	38.	6.	766.9	27.7	1
604	0	496	37.6669	88.0252	-703.0	PPST	6.39	3.70	0.97	0.578	3.822	6.612	1613.	37.	8.	765.9	27.7	1
605	0	500	37.6663	88.0252	-698.5	PPST	6.45	2.36	1.16	0.366	2.034	5.560	1523.	39.	8.	765.9	27.6	1
606	10	504	37.6657	88.0252	-696.5	PPST	8.36	1.43	1.29	0.0	0.0	6.496	1674.	37.	8.	766.4	27.6	1
607	0	500	37.6652	88.0252	-693.2	PPST	8.29	4.49	1.06	0.542	4.237	7.815	1592.	47.	0.	766.4	27.6	1
608	0	492	37.6646	88.0252	-689.2	PPST	5.45	4.00	1.26	0.734	3.176	4.327	1639.	32.	7.	767.4	27.7	1
609	0	484	37.6641	88.0251	-684.2	PPST	6.55	3.38	1.18	0.517	2.874	5.559	1514.	53.	8.	767.4	27.7	1
610	0	480	37.6635	88.0251	-681.2	PPST	8.16	2.86	1.17	0.351	2.451	6.987	1584.	32.	7.	765.4	27.8	1
611	10	472	37.6629	88.0251	-679.0	PPST	9.17	1.46	1.38	0.0	0.0	6.657	1573.	45.	7.	765.4	27.9	1
612	0	468	37.6624	88.0251	-675.0	PPST	5.32	1.65	1.10	0.311	1.503	4.836	1572.	32.	10.	765.4	27.9	1
613	10	452	37.6618	88.0250	-669.2	PPST	7.28	0.75	1.40	0.0	0.0	5.194	1477.	46.	8.	764.3	27.8	1
614	10	460	37.6612	88.0250	-666.7	PPST	5.31	1.19	1.06	0.0	0.0	4.998	1428.	43.	14.	766.4	27.8	1
615	10	468	37.6607	88.0250	-663.0	PPST	7.65	1.69	1.08	0.0	0.0	7.060	1495.	34.	14.	767.4	27.8	1
616	10	484	37.6601	88.0250	-660.0	PPST	5.17	1.51	1.34	0.0	0.0	3.853	1522.	44.	13.	767.4	27.8	1
617	0	504	37.6595	88.0250	-656.0	QAL	9.76	5.13	0.65	0.526	7.942	15.091	1625.	47.	7.	767.4	27.7	1
618	10	520	37.6590	88.0250	-652.0	QAL	8.02	0.72	1.21	0.0	0.0	6.604	1611.	46.	13.	765.4	27.7	1
619	0	524	37.6584	88.0250	-649.5	QAL	7.93	1.95	1.16	0.246	1.678	6.832	1695.	37.	8.	765.4	27.6	1
620	0	524	37.6578	88.0249	-647.5	QAL	7.68	3.91	0.95	0.509	4.104	8.055	1643.	39.	10.	766.4	27.6	1
621	10	520	37.6573	88.0250	-644.5	QAL	6.64	0.14	1.39	0.0	0.0	4.770	1673.	47.	10.	766.4	27.5	1
622	0	512	37.6567	88.0250	-639.7	QAL	5.36	3.03	1.45	0.566	2.096	3.702	1691.	45.	8.	766.9	27.6	1
623	0	512	37.6562	88.0249	-636.2	QAL	9.38	3.40	1.28	0.362	2.652	7.327	1624.	46.	5.	766.9	27.5	1
624	0	508	37.6556	88.0249	-634.0	QAL	8.63	3.41	1.37	0.395	2.489	6.310	1741.	45.	9.	765.4	27.5	1
625	0	504	37.6550	88.0249	-629.5	QAL	6.40	2.79	1.21	0.437	2.300	5.268	1731.	24.	6.	765.4	27.5	1
626	10	504	37.6544	88.0249	-627.2	QAL	7.66	0.88	1.47	0.0	0.0	5.217	1734.	35.	7.	767.4	27.5	1
627	0	500	37.6539	88.0249	-623.2	QAL	7.76	3.27	1.28	0.421	2.552	6.059	1843.	42.	5.	767.4	27.6	1
628	0	496	37.6534	88.0249	-618.2	QAL	7.71	5.17	1.42	0.671	3.651	5.437	1909.	30.	3.	766.9	27.6	1
629	0	488	37.6528	88.0249	-616.5	QAL	7.37	3.32	1.21	0.450	2.753	6.111	1789.	44.	6.	766.9	27.5	1
630	10	484	37.6522	88.0248	-614.0	QAL	6.75	1.60	1.49	0.0	0.0	4.521	1717.	53.	5.	765.9	27.6	1
631	10	472	37.6516	88.0248	-611.0	QAL	7.29	1.47	1.52	0.0	0.0	4.794	1835.	38.	3.	766.4	27.6	1
632	0	460	37.6511	88.0248	-607.0	QAL	9.62	3.58	1.13	0.373	3.169	8.505	1712.	44.	0.	768.5	27.7	1
633	0	456	37.6505	88.0248	-604.0	QAL	7.07	4.97	1.06	0.702	4.705	6.700	1705.	36.	0.	768.5	27.8	1
634	0	444	37.6500	88.0248	-601.0	QAL	7.25	3.51	1.18	0.484	2.963	6.121	1670.	39.	3.	766.9	27.9	1
635	0	436	37.6494	88.0248	-595.5	QAL	6.67	2.06	1.30	0.308	1.578	5.117	1697.	29.	1.	766.9	27.9	1
636	0	424	37.6488	88.0248	-592.5	QAL	9.24	1.53	1.17	0.165	1.312	7.925	1636.	35.	1.	769.0	28.1	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
637	0	352	37.6482	88.0247	-591.5	QAL	8.00	2.44	0.81	0.305	2.999	9.835	1438.	35.	5.	770.0	28.1	1
638	0	268	37.6477	88.0248	-586.5	PPST	4.07	3.10	0.68	0.762	4.561	5.987	1259.	42.	3.	769.0	28.2	1
639	0	256	37.6472	88.0248	-582.5	PPST	6.32	2.95	0.65	0.466	4.524	9.712	1316.	38.	4.	767.4	28.3	1
640	0	304	37.6466	88.0247	-579.7	PPST	6.64	1.56	1.04	0.236	1.499	6.360	1454.	36.	11.	767.4	28.3	1
641	10	352	37.6460	88.0247	-576.5	PPST	6.96	1.39	1.24	0.0	0.0	5.623	1633.	43.	12.	768.5	28.4	1
642	0	368	37.6454	88.0247	-572.7	PPST	7.61	3.91	0.85	0.514	4.573	8.899	1639.	32.	13.	769.5	28.4	1
643	0	376	37.6449	88.0247	-570.7	PPST	8.68	1.72	1.04	0.198	1.650	8.335	1549.	41.	11.	769.5	28.3	1
644	10	384	37.6443	88.0247	-569.0	PPST	5.35	0.64	1.14	0.0	0.0	4.694	1575.	34.	16.	767.4	28.3	1
645	0	392	37.6438	88.0247	-563.5	PPST	6.43	2.19	1.08	0.340	2.025	5.958	1573.	42.	13.	766.4	28.2	1
646	0	404	37.6432	88.0247	-558.2	PPST	7.84	2.25	1.18	0.286	1.896	6.622	1633.	42.	11.	767.4	28.2	1
647	0	404	37.6426	88.0246	-556.7	PPST	5.30	2.64	1.07	0.498	2.469	4.955	1565.	36.	13.	768.5	28.2	1
648	10	404	37.6420	88.0246	-554.0	PPST	9.59	1.51	1.33	0.0	0.0	7.187	1614.	27.	6.	768.5	28.2	1
649	0	404	37.6415	88.0246	-553.0	PPST	6.54	3.24	1.23	0.495	2.630	5.310	1572.	42.	2.	767.4	28.2	1
650	0	408	37.6410	88.0246	-550.5	PPST	6.72	4.81	1.06	0.715	4.527	6.329	1690.	30.	3.	766.4	28.1	1
651	0	416	37.6404	88.0246	-548.2	PPST	7.55	1.80	1.30	0.239	1.384	5.795	1690.	29.	3.	767.4	28.1	1
652	0	420	37.6398	88.0246	-546.0	PPST	9.40	3.24	1.04	0.345	3.129	9.077	1602.	45.	2.	769.5	28.1	1
653	0	424	37.6392	88.0246	-544.5	PPST	7.23	2.94	1.44	0.406	2.040	5.023	1627.	31.	0.	769.5	28.1	1
654	0	424	37.6387	88.0245	-541.2	PPST	8.26	3.70	1.38	0.448	2.683	5.986	1747.	36.	1.	767.4	28.1	1
655	0	424	37.6381	88.0245	-538.0	PPST	5.48	3.73	1.09	0.682	3.414	5.008	1600.	36.	4.	766.4	28.0	1
656	0	424	37.6376	88.0246	-535.0	PPST	5.52	2.73	1.05	0.495	2.605	5.262	1597.	37.	8.	768.5	28.0	1
657	0	424	37.6370	88.0244	-533.5	QAL	9.05	3.52	1.17	0.389	3.021	7.766	1643.	33.	6.	769.5	28.0	1
658	0	424	37.6364	88.0245	-530.2	QAL	4.99	2.78	0.98	0.557	2.824	5.066	1638.	39.	11.	768.5	28.0	1
659	10	424	37.6358	88.0245	-527.5	QAL	7.45	0.35	1.38	0.0	0.0	5.391	1660.	47.	11.	766.4	28.0	1
660	0	424	37.6353	88.0245	-526.2	QAL	6.39	2.58	1.34	0.404	1.928	4.767	1770.	38.	10.	765.9	28.0	1
661	0	428	37.6347	88.0244	-525.7	QAL	8.53	3.59	1.42	0.421	2.525	5.990	1793.	33.	4.	768.0	28.0	1
662	0	432	37.6342	88.0244	-523.2	QAL	6.83	1.51	1.42	0.221	1.062	4.800	1762.	37.	7.	769.0	28.0	1
663	10	436	37.6336	88.0244	-521.5	QAL	8.74	1.40	1.39	0.0	0.0	6.266	1582.	36.	1.	766.9	27.9	1
664	0	440	37.6330	88.0244	-520.7	QAL	8.74	3.11	0.99	0.356	3.144	8.843	1702.	32.	1.	766.4	28.0	1
665	0	448	37.6325	88.0244	-517.2	QAL	6.96	2.36	1.41	0.340	1.677	4.936	1679.	29.	0.	766.9	28.0	1
666	0	452	37.6319	88.0244	-517.5	QAL	8.99	2.47	1.25	0.275	1.978	7.186	1662.	41.	0.	766.9	28.0	1
667	0	452	37.6313	88.0244	-515.2	QAL	9.16	2.36	1.39	0.257	1.695	6.589	1645.	26.	0.	768.0	28.0	1
668	10	452	37.6308	88.0244	-513.0	QAL	6.68	1.28	1.41	0.0	0.0	4.747	1526.	40.	4.	768.0	28.0	1
669	0	460	37.6302	88.0244	-511.2	QAL	7.02	1.96	1.24	0.279	1.583	5.666	1589.	48.	3.	765.9	27.9	1
670	0	464	37.6297	88.0244	-511.5	PPST	5.65	4.48	1.31	0.792	3.426	4.328	1599.	39.	0.	766.4	28.0	1
671	0	468	37.6291	88.0244	-508.7	PPST	6.56	3.61	1.44	0.550	2.500	4.545	1650.	31.	2.	768.0	27.9	1
672	0	472	37.6285	88.0244	-505.5	PPST	7.47	3.09	1.44	0.414	2.151	5.202	1712.	31.	4.	768.0	27.9	1
673	0	476	37.6279	88.0245	-504.7	PPST	8.31	1.73	1.42	0.208	1.217	5.860	1667.	45.	2.	765.9	27.8	1
674	0	476	37.6273	88.0246	-503.7	PPST	6.37	3.28	1.18	0.515	2.773	5.390	1630.	43.	6.	764.9	27.8	1
675	0	480	37.6268	88.0246	-502.5	PPST	6.45	4.57	1.30	0.707	3.499	4.946	1656.	45.	3.	765.9	27.7	1
676	0	480	37.6262	88.0246	-502.7	PPST	7.33	3.48	1.22	0.474	2.861	6.030	1624.	32.	6.	767.4	27.8	1
677	0	476	37.6256	88.0246	-500.7	QAL	8.00	3.57	1.30	0.446	2.749	6.161	1710.	39.	3.	767.4	27.7	1
678	0	472	37.6250	88.0247	-500.0	QAL	7.00	3.76	1.32	0.537	2.839	5.289	1738.	28.	5.	765.9	27.8	1
679	0	472	37.6245	88.0247	-498.2	QAL	4.94	2.94	1.31	0.594	2.252	3.788	1586.	46.	10.	764.9	27.8	1
680	10	476	37.6239	88.0247	-498.7	QAL	7.83	0.97	1.27	0.0	0.0	6.171	1679.	30.	7.	765.9	27.8	1
681	0	468	37.6233	88.0247	-497.2	PPST	8.11	2.03	1.08	0.251	1.878	7.495	1615.	38.	12.	768.0	27.8	1
682	10	452	37.6227	88.0247	-495.7	PPST	10.11	0.96	0.96	0.0	0.0	10.502	1584.	41.	12.	767.4	27.8	1
683	10	380	37.6222	88.0248	-494.2	PPST	9.04	-0.37	1.06	0.0	0.0	8.506	1407.	46.	11.	765.4	27.8	1
684	0	368	37.6216	88.0248	-492.2	PPST	6.33	1.70	0.92	0.268	1.839	6.862	1376.	33.	10.	763.8	27.8	1
685	10	360	37.6210	88.0248	-490.7	PPST	5.93	-0.61	1.15	0.0	0.0	5.151	1281.	51.	12.	765.4	27.8	1
686	0	368	37.6205	88.0248	-490.7	PPST	5.51	2.26	0.96	0.410	2.354	5.748	1338.	39.	11.	767.4	27.8	1
687	0	336	37.6199	88.0248	-489.7	PPST	4.56	2.39	0.84	0.526	2.840	5.401	1257.	31.	10.	767.4	27.7	1
688	10	320	37.6193	88.0249	-489.5	PPST	5.82	1.06	0.82	0.0	0.0	7.116	1191.	34.	11.	765.4	27.7	1
689	0	284	37.6187	88.0249	-487.5	PPST	4.97	1.50	0.67	0.302	2.232	7.401	1100.	42.	8.	764.9	27.7	1

CP9 IP12

TAGS			LOCATION				REDUCED DATA										
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
690	0	284	37.6182	88.0249	-486.2	PPST	4.43	1.62	0.71	0.365	2.293	6.278	1135.	46.	8.	765.9	27.7	1
691	0	288	37.6176	88.0249	-486.7	PPST	5.64	1.21	0.65	0.214	1.867	8.732	1111.	36.	3.	766.4	27.6	1
692	0	300	37.6170	88.0249	-484.2	PPST	4.92	1.36	0.96	0.276	1.413	5.125	1206.	41.	5.	766.4	27.6	1
693	0	304	37.6164	88.0249	-484.7	PPST	4.51	2.17	0.72	0.481	2.996	6.227	1123.	49.	3.	765.4	27.6	1
694	0	304	37.6159	88.0250	-484.5	PPST	3.99	3.17	0.76	0.793	4.157	5.240	1142.	33.	1.	764.3	27.6	1
695	0	328	37.6153	88.0250	-482.2	PPST	5.07	1.72	0.83	0.340	2.080	6.124	1135.	46.	3.	766.4	27.6	1
696	0	336	37.6147	88.0250	-481.5	PPST	4.05	3.21	0.68	0.792	4.698	5.931	1138.	36.	0.	767.4	27.6	1
697	0	344	37.6141	88.0250	-481.5	PPST	5.22	2.13	0.65	0.409	3.300	8.072	1197.	35.	5.	766.4	27.5	1
698	0	340	37.6136	88.0250	-481.0	PPST	5.09	2.13	0.77	0.418	2.777	6.647	1280.	41.	5.	764.3	27.5	1
699	0	340	37.6131	88.0251	-480.0	PPST	4.05	2.60	0.88	0.641	2.964	4.623	1300.	32.	6.	764.3	27.5	1
700	0	340	37.6125	88.0251	-480.0	PPST	4.16	1.83	0.93	0.440	1.967	4.468	1225.	49.	8.	766.4	27.6	1
701	0	328	37.6119	88.0251	-478.0	PPST	6.87	1.71	0.82	0.249	2.086	8.385	1300.	39.	6.	767.4	27.5	1
702	0	336	37.6113	88.0251	-477.0	PPST	6.82	2.65	0.86	0.388	3.063	7.901	1303.	35.	3.	765.4	27.6	1
703	0	324	37.6108	88.0252	-476.5	PPST	6.84	2.58	0.90	0.377	2.877	7.636	1416.	45.	5.	764.3	27.6	1
704	0	352	37.6102	88.0252	-476.0	PPST	6.34	1.53	0.99	0.241	1.537	6.382	1393.	40.	7.	766.4	27.6	1
705	0	412	37.6096	88.0252	-475.0	PPST	4.87	4.81	1.00	0.987	4.822	4.887	1576.	39.	0.	767.4	27.6	1
706	0	456	37.6091	88.0252	-476.5	PPST	7.46	2.96	1.09	0.397	2.709	6.829	1568.	38.	0.	765.4	27.6	1
707	0	476	37.6085	88.0252	-474.2	PPST	6.92	2.98	1.41	0.431	2.116	4.913	1646.	49.	3.	764.3	27.6	1
708	0	488	37.6079	88.0253	-472.0	PPST	7.12	2.16	1.47	0.304	1.468	4.827	1647.	37.	5.	766.4	27.7	1
709	0	484	37.6073	88.0253	-470.7	PPST	6.96	3.01	1.05	0.432	2.865	6.626	1683.	32.	5.	767.4	27.6	1
710	0	476	37.6068	88.0253	-473.0	PPST	6.82	2.60	1.26	0.381	2.068	5.432	1638.	40.	6.	765.4	27.5	1
711	0	472	37.6062	88.0253	-471.5	PPST	6.93	1.95	1.30	0.282	1.498	5.319	1646.	45.	6.	765.4	27.5	1
712	10	484	37.6056	88.0254	-470.7	PPST	7.94	1.40	1.18	0.0	0.0	6.709	1682.	51.	10.	767.4	27.6	1
713	0	488	37.6050	88.0254	-470.2	PPST	7.12	2.49	1.19	0.349	2.083	5.971	1642.	34.	9.	767.4	27.5	1
714	10	484	37.6045	88.0254	-469.0	QAL	4.38	1.21	1.15	0.0	0.0	3.797	1539.	36.	13.	765.4	27.5	1
715	0	484	37.6039	88.0254	-467.5	QAL	6.04	3.05	1.19	0.506	2.571	5.082	1590.	33.	9.	765.4	27.5	1
716	10	480	37.6033	88.0254	-467.7	QAL	7.54	1.39	1.39	0.0	0.0	5.414	1612.	39.	6.	767.4	27.6	1
717	0	476	37.6027	88.0255	-468.0	QAL	7.40	4.05	1.09	0.547	3.727	6.811	1646.	32.	7.	767.4	27.6	1
718	0	460	37.6022	88.0255	-465.7	QAL	6.76	4.35	0.94	0.644	4.651	7.226	1638.	35.	6.	765.4	27.6	1
719	0	436	37.6016	88.0255	-464.2	QAL	8.20	3.46	1.27	0.422	2.726	6.463	1637.	40.	2.	765.4	27.6	1
720	0	428	37.6010	88.0255	-464.0	QAL	5.39	2.54	1.40	0.472	1.818	3.855	1649.	33.	4.	767.4	27.7	1
721	0	416	37.6004	88.0256	-463.0	PPST	5.91	3.49	1.23	0.590	2.825	4.789	1555.	50.	5.	767.4	27.7	1
722	0	404	37.5999	88.0256	-462.7	PPST	7.53	3.06	1.15	0.407	2.658	6.537	1615.	31.	3.	765.9	27.7	1
723	0	392	37.5993	88.0256	-463.5	PPST	7.34	3.53	1.10	0.481	3.202	6.662	1593.	32.	0.	766.9	27.7	1
724	0	364	37.5987	88.0256	-463.2	PPST	6.21	2.26	1.06	0.364	2.144	5.888	1526.	40.	4.	768.0	27.7	1
725	0	384	37.5982	88.0256	-460.2	PPST	7.60	2.91	0.92	0.382	3.145	8.227	1636.	29.	0.	766.9	27.7	1
726	0	372	37.5976	88.0257	-459.7	PPST	7.52	5.31	1.08	0.707	4.922	6.963	1675.	44.	0.	765.9	27.7	1
727	0	352	37.5970	88.0257	-459.2	PPST	5.42	1.55	1.43	0.286	1.085	3.796	1609.	53.	4.	768.0	27.7	1
728	0	340	37.5965	88.0257	-457.2	PPST	5.96	2.27	1.40	0.381	1.617	4.249	1670.	31.	4.	768.5	27.7	1
729	0	332	37.5959	88.0257	-456.5	PPST	4.49	2.83	1.13	0.630	2.506	3.976	1547.	48.	10.	766.4	27.7	1
730	0	348	37.5953	88.0258	-456.5	PPST	5.96	2.39	1.20	0.401	1.989	4.957	1478.	46.	10.	766.4	27.8	1
731	0	344	37.5948	88.0258	-456.2	PPST	8.28	2.35	1.01	0.284	2.337	8.230	1688.	39.	15.	768.5	27.7	1
732	0	312	37.5942	88.0258	-455.0	PPST	7.53	1.60	1.24	0.213	1.287	6.055	1590.	32.	16.	768.5	27.8	1
733	10	272	37.5936	88.0258	-454.5	PPST	8.47	0.55	1.17	0.0	0.0	7.234	1601.	49.	15.	766.9	27.9	1
734	10	248	37.5930	88.0258	-453.5	PPST	9.37	0.34	1.14	0.0	0.0	8.193	1617.	42.	17.	768.0	27.9	1
735	0	248	37.5925	88.0258	-451.7	PPST	8.20	1.52	1.37	0.186	1.110	5.974	1654.	29.	14.	769.0	27.9	1
736	0	256	37.5919	88.0259	-452.5	PPST	6.51	2.03	1.23	0.312	1.646	5.282	1625.	32.	11.	768.0	27.9	1
737	0	276	37.5913	88.0259	-451.7	PPST	7.74	2.81	1.01	0.363	2.768	7.630	1564.	43.	11.	766.9	27.9	1
738	10	340	37.5907	88.0259	-449.2	PPST	6.83	1.01	1.38	0.0	0.0	4.962	1618.	36.	13.	768.5	27.9	1
739	0	360	37.5902	88.0259	-450.7	PPST	8.05	2.13	1.29	0.265	1.656	6.253	1793.	31.	11.	767.4	27.8	1
740	0	380	37.5896	88.0259	-449.2	PPST	6.00	3.34	1.32	0.556	2.531	4.549	1769.	34.	6.	766.4	27.8	1
741	0	388	37.5890	88.0260	-448.7	PPST	8.62	2.04	1.47	0.236	1.389	5.873	1764.	49.	6.	769.0	27.8	1
742	0	392	37.5885	88.0260	-446.7	PPST	6.00	2.50	1.36	0.417	1.839	4.410	1737.	37.	6.	769.0	27.9	1

CP9 IP12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
743	0	392	37.5879	88.0260	-446.0	PPST	10.51	3.04	1.20	0.289	2.533	8.757	1707.	31.	2.	766.9	27.9	1
744	0	388	37.5873	88.0260	-445.5	PPST	6.56	2.17	1.25	0.330	1.735	5.249	1688.	38.	8.	768.0	27.9	1
745	10	368	37.5867	88.0260	-443.0	PPST	6.90	1.22	1.10	0.0	0.0	6.267	1499.	45.	6.	768.0	27.8	1
746	0	400	37.5862	88.0261	-442.7	PPST	7.22	1.71	1.08	0.237	1.578	6.662	1582.	39.	8.	767.4	27.8	1
747	0	400	37.5856	88.0261	-443.0	PPST	6.77	2.19	1.18	0.323	1.851	5.729	1619.	38.	9.	769.5	27.8	1
748	0	400	37.5850	88.0261	-441.0	PPST	7.51	2.79	1.34	0.371	2.085	5.615	1635.	42.	8.	770.5	27.8	1
749	10	396	37.5844	88.0261	-441.7	PPST	6.93	1.14	1.19	0.0	0.0	5.800	1660.	45.	15.	767.4	27.7	1
750	10	388	37.5838	88.0262	-440.7	PPST	8.11	1.45	1.28	0.0	0.0	6.345	1695.	35.	12.	766.9	27.8	1
751	0	376	37.5833	88.0262	-438.7	PPST	7.23	3.60	1.37	0.498	2.635	5.290	1690.	25.	9.	770.0	27.7	1
752	0	364	37.5827	88.0262	-437.5	PPST	7.05	3.17	1.28	0.450	2.471	5.495	1683.	44.	10.	770.0	27.8	1
753	0	352	37.5821	88.0262	-437.7	PPST	8.53	3.64	1.37	0.426	2.652	6.226	1800.	31.	10.	768.0	27.8	1
754	0	364	37.5816	88.0262	-435.5	PPST	7.99	2.57	1.02	0.322	2.533	7.868	1694.	41.	11.	769.0	27.8	1
755	0	388	37.5810	88.0263	-433.2	PPST	8.24	2.63	1.32	0.319	1.992	6.249	1648.	35.	9.	770.5	27.8	1
756	0	408	37.5804	88.0263	-435.2	PPST	7.13	2.89	1.13	0.406	2.561	6.308	1654.	44.	11.	768.5	27.8	1
757	0	420	37.5798	88.0264	-435.2	PPST	6.78	2.59	1.18	0.382	2.193	5.739	1578.	41.	9.	767.4	27.8	1
758	10	424	37.5793	88.0264	-432.7	PPST	7.32	1.45	1.67	0.0	0.0	4.389	1623.	36.	10.	769.5	27.8	1
759	10	424	37.5788	88.0264	-432.5	PPST	8.74	1.42	1.23	0.0	0.0	7.105	1611.	38.	11.	768.5	27.8	1
760	10	432	37.5782	88.0264	-430.2	QAL	7.44	0.63	1.19	0.0	0.0	6.262	1544.	42.	14.	766.4	27.8	1
761	0	452	37.5776	88.0264	-429.7	QAL	7.29	2.03	0.94	0.279	2.151	7.718	1570.	42.	11.	767.4	27.8	1
762	0	472	37.5770	88.0265	-427.2	QAL	5.72	4.16	1.14	0.728	3.665	5.033	1588.	38.	11.	768.5	27.8	1
763	0	472	37.5765	88.0265	-427.7	QAL	6.39	1.94	1.01	0.304	1.927	6.337	1558.	42.	12.	766.4	27.7	1
764	0	476	37.5759	88.0265	-428.0	QAL	7.30	2.83	0.98	0.387	2.873	7.421	1570.	39.	8.	766.4	27.7	1
765	10	476	37.5753	88.0265	-426.7	QAL	6.99	1.26	1.16	0.0	0.0	6.044	1597.	35.	13.	768.5	27.6	1
766	0	476	37.5747	88.0265	-425.7	QAL	7.40	2.86	1.17	0.386	2.451	6.347	1611.	44.	7.	767.4	27.6	1
767	10	476	37.5742	88.0266	-425.7	QAL	8.03	1.50	1.28	0.0	0.0	6.262	1577.	35.	8.	765.9	27.7	1
768	0	468	37.5736	88.0266	-424.0	QAL	6.89	1.68	1.03	0.243	1.621	6.661	1562.	36.	5.	768.0	27.7	1
769	0	464	37.5730	88.0266	-424.0	QAL	5.62	1.90	1.30	0.338	1.459	4.318	1553.	33.	4.	769.0	27.6	1
770	0	464	37.5724	88.0266	-423.2	QAL	6.99	3.95	0.91	0.565	4.359	7.708	1443.	39.	1.	766.9	27.7	1
771	0	464	37.5719	88.0266	-422.0	QAL	6.27	3.76	1.02	0.600	3.702	6.170	1401.	35.	3.	766.4	27.7	1
772	0	464	37.5713	88.0267	-419.2	QAL	5.25	3.04	1.20	0.580	2.529	4.360	1441.	45.	8.	768.5	27.7	1
773	0	472	37.5707	88.0267	-420.5	QAL	6.04	2.33	0.98	0.386	2.385	6.181	1451.	45.	8.	768.5	27.7	1
774	0	472	37.5701	88.0267	-419.7	QAL	6.24	3.03	1.04	0.486	2.929	6.024	1497.	31.	10.	766.4	27.7	1
775	10	472	37.5696	88.0267	-418.5	QAL	9.04	0.39	0.98	0.0	0.0	9.209	1519.	40.	12.	767.4	27.6	1
776	0	472	37.5690	88.0267	-418.0	PPCA-1	6.47	2.40	1.27	0.371	1.896	5.112	1479.	44.	13.	768.5	27.7	1
777	0	476	37.5684	88.0267	-417.0	PPCA-1	5.81	2.71	1.05	0.467	2.591	5.546	1486.	40.	9.	767.4	27.6	1
778	0	476	37.5679	88.0269	-414.5	PPCA-1	6.76	4.03	0.84	0.596	4.772	8.006	1548.	36.	10.	767.4	27.6	1
779	0	472	37.5673	88.0269	-414.7	PPCA-1	8.08	2.05	1.13	0.253	1.813	7.163	1600.	29.	7.	768.5	27.6	1
780	0	472	37.5667	88.0269	-415.7	PPCA-1	9.72	3.12	1.16	0.321	2.683	8.356	1647.	53.	4.	767.4	27.7	1
781	0	472	37.5661	88.0269	-413.5	PPCA-1	7.46	2.94	1.16	0.394	2.523	6.401	1590.	32.	5.	766.4	27.7	1
782	0	468	37.5656	88.0269	-412.0	PPCA-1	7.92	2.63	1.41	0.332	1.869	5.630	1664.	38.	5.	767.4	27.7	1
783	0	472	37.5650	88.0270	-412.0	PPCA-1	7.46	3.90	1.12	0.523	3.477	6.644	1604.	45.	2.	768.5	27.7	1
784	0	468	37.5644	88.0270	-410.5	PPCA-1	7.33	2.30	1.55	0.313	1.481	4.731	1591.	44.	6.	766.4	27.7	1
785	10	468	37.5638	88.0270	-407.5	PPCA-1	7.77	1.06	1.04	0.0	0.0	7.472	1518.	48.	8.	767.4	27.7	1
786	10	460	37.5633	88.0270	-409.0	PPCA-1	7.38	0.60	1.46	0.0	0.0	5.061	1527.	43.	6.	769.5	27.7	1
787	0	444	37.5627	88.0270	-407.5	PPCA-1	8.22	4.44	1.09	0.540	4.076	7.552	1723.	34.	4.	766.9	27.6	1
788	0	428	37.5621	88.0271	-403.5	PPCA-1	6.05	1.90	1.23	0.313	1.545	4.932	1572.	33.	7.	764.9	27.6	1
789	0	424	37.5616	88.0271	-402.2	PPCA-1	6.49	3.47	1.16	0.535	3.002	5.616	1580.	48.	6.	768.0	27.5	1
790	0	448	37.5610	88.0271	-402.0	QAL	9.09	2.19	1.28	0.241	1.706	7.070	1586.	42.	4.	768.0	27.4	1
791	0	468	37.5604	88.0271	-400.5	QAL	7.71	3.70	0.83	0.480	4.462	9.301	1686.	38.	9.	765.9	27.5	1
792	0	472	37.5599	88.0271	-401.2	QAL	5.92	3.26	1.26	0.551	2.593	4.706	1650.	26.	7.	767.4	27.4	1
793	0	476	37.5593	88.0272	-401.5	QAL	6.44	4.16	1.06	0.647	3.935	6.085	1587.	40.	7.	768.5	27.5	1
794	0	484	37.5587	88.0272	-401.7	QAL	5.33	2.82	1.19	0.530	2.377	4.485	1523.	50.	10.	766.4	27.6	1
795	0	484	37.5582	88.0272	-401.0	PPCA-1	6.56	2.52	0.99	0.384	2.534	6.596	1581.	47.	9.	765.9	27.4	1

CP 9 LP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
796	0	484	37.5576	88.0272	-399.0	PPCA-1	6.14	3.55	1.26	0.578	2.815	4.871	1580.	34.	11.	768.0	27.3	1
797	10	480	37.5570	88.0272	-397.7	PPCA-1	7.77	1.75	1.30	0.0	0.0	5.954	1600.	46.	10.	768.5	27.4	1
798	10	476	37.5564	88.0272	-396.5	PPCA-1	6.80	1.61	1.10	0.0	0.0	6.169	1474.	42.	11.	767.4	27.4	1
799	0	472	37.5558	88.0273	-396.5	PPCA-1	4.15	2.02	1.00	0.487	2.023	4.155	1430.	56.	8.	767.4	27.4	1
800	0	468	37.5553	88.0273	-395.5	PPCA-1	7.75	2.78	0.82	0.359	3.370	9.400	1527.	48.	9.	768.5	27.4	1
801	0	460	37.5547	88.0273	-394.7	PPCA-1	9.67	2.45	1.34	0.254	1.829	7.214	1691.	35.	6.	767.4	27.4	1
802	0	448	37.5542	88.0273	-393.0	QAL	7.02	2.53	1.07	0.361	2.362	6.549	1573.	40.	7.	766.4	27.4	1
803	0	432	37.5536	88.0273	-391.7	QAL	8.17	2.40	1.36	0.293	1.765	6.018	1702.	44.	4.	767.4	27.3	1
804	0	420	37.5530	88.0274	-390.7	QAL	6.95	1.68	1.39	0.241	1.205	4.994	1639.	42.	9.	768.5	27.4	1
805	0	428	37.5524	88.0274	-389.7	QAL	9.36	4.97	0.87	0.531	5.691	10.716	1613.	45.	1.	767.4	27.4	1
806	0	448	37.5518	88.0274	-388.7	QAL	4.33	3.51	1.32	0.811	2.664	3.284	1628.	33.	0.	766.4	27.4	1
807	0	456	37.5513	88.0274	-387.2	QAL	8.24	3.62	0.99	0.439	3.642	8.288	1597.	50.	0.	768.5	27.4	1
808	0	456	37.5507	88.0274	-386.7	QAL	6.64	3.16	1.29	0.476	2.454	5.152	1564.	42.	0.	767.4	27.5	1
809	0	460	37.5501	88.0275	-385.5	QAL	6.29	1.57	0.99	0.250	1.593	6.376	1557.	45.	3.	765.4	27.5	1
810	0	464	37.5495	88.0275	-385.2	QAL	8.43	2.48	1.07	0.294	2.305	7.850	1512.	46.	0.	767.4	27.6	1
811	10	476	37.5490	88.0275	-384.2	QAL	7.92	1.47	1.27	0.0	0.0	6.259	1640.	33.	4.	768.5	27.6	1
812	0	488	37.5484	88.0275	-382.5	QAL	6.54	4.11	0.87	0.628	4.704	7.489	1606.	28.	1.	766.4	27.6	1
813	0	496	37.5478	88.0275	-382.0	QAL	3.63	4.25	1.03	1.171	4.123	3.522	1414.	50.	3.	767.4	27.6	1
814	10	504	37.5473	88.0276	-382.5	QAL	9.14	0.15	1.17	0.0	0.0	7.825	1610.	40.	6.	768.5	27.6	1
815	10	504	37.5467	88.0276	-379.5	QAL	6.69	1.43	1.09	0.0	0.0	6.110	1555.	35.	9.	766.4	27.5	1
816	10	500	37.5461	88.0277	-379.0	QAL	6.06	0.92	1.24	0.0	0.0	4.872	1528.	30.	11.	766.4	27.4	1
817	10	504	37.5455	88.0277	-378.7	QAL	6.12	0.86	1.42	0.0	0.0	4.315	1553.	36.	13.	763.5	27.4	1
818	0	504	37.5450	88.0277	-375.5	QAL	5.22	1.97	1.38	0.377	1.421	3.772	1550.	33.	14.	766.4	27.4	1
819	0	500	37.5444	88.0277	-374.5	QAL	6.24	2.83	0.84	0.452	3.366	7.440	1524.	29.	15.	766.4	27.4	1
820	0	492	37.5439	88.0277	-376.0	QAL	5.50	2.63	1.08	0.478	2.442	5.107	1553.	33.	13.	767.4	27.4	1
821	0	496	37.5434	88.0276	-374.7	QAL	5.49	1.98	1.24	0.361	1.594	4.418	1596.	29.	13.	765.4	27.4	1
822	0	500	37.5428	88.0276	-373.2	QAL	9.06	2.28	1.15	0.251	1.983	7.886	1677.	38.	14.	766.9	27.4	1
823	0	504	37.5423	88.0275	-374.0	QAL	10.30	4.46	0.99	0.433	4.491	10.365	1857.	27.	9.	768.0	27.4	1
824	0	500	37.5418	88.0275	-373.5	QAL	9.76	2.17	1.54	0.222	1.413	6.352	1876.	30.	8.	764.9	27.4	1
825	0	500	37.5413	88.0275	-371.2	QAL	6.78	4.60	0.87	0.680	5.267	7.752	1763.	42.	9.	767.4	27.4	1
826	0	504	37.5408	88.0275	-369.5	QAL	6.33	2.24	1.52	0.353	1.474	4.171	1842.	44.	6.	768.0	27.4	1
827	10	504	37.5402	88.0274	-368.0	QAL	11.02	1.22	1.69	0.0	0.0	6.536	1836.	36.	9.	765.9	27.3	1
828	10	500	37.5397	88.0274	-366.5	QAL	8.15	1.53	1.27	0.0	0.0	6.414	1727.	43.	11.	768.0	27.4	1
829	0	492	37.5392	88.0274	-364.7	QAL	9.30	2.48	1.32	0.266	1.872	7.033	1717.	41.	3.	767.4	27.3	1
830	0	436	37.5387	88.0274	-364.7	QAL	7.66	1.85	1.00	0.241	1.853	7.687	1536.	32.	10.	766.9	27.4	1
831	0	424	37.5382	88.0273	-365.0	QAL	8.26	3.96	0.71	0.480	5.551	11.571	1574.	49.	2.	769.0	27.3	1
832	0	444	37.5377	88.0273	-363.7	QAL	7.57	2.11	1.25	0.279	1.694	6.077	1554.	27.	5.	768.0	27.3	1
833	10	420	37.5372	88.0273	-362.5	QAL	9.28	0.20	1.30	0.0	0.0	7.131	1517.	41.	5.	767.4	27.3	1
834	0	408	37.5366	88.0272	-362.0	QAL	5.36	1.99	1.26	0.371	1.585	4.270	1418.	34.	5.	769.0	27.4	1
835	0	396	37.5361	88.0272	-361.5	QAL	6.63	1.70	0.96	0.256	1.776	6.926	1389.	31.	5.	768.0	27.4	1
836	10	400	37.5356	88.0271	-359.7	QAL	4.99	1.32	1.01	0.0	0.0	4.962	1436.	23.	10.	769.0	27.4	1
837	0	400	37.5351	88.0272	-360.0	QAL	6.44	2.71	1.03	0.420	2.617	6.230	1421.	31.	5.	768.5	27.4	1
838	0	404	37.5346	88.0271	-358.7	QAL	4.58	2.69	1.07	0.587	2.514	4.286	1477.	44.	8.	768.0	27.4	1
839	0	412	37.5340	88.0271	-359.0	QAL	7.17	3.06	0:97	0.426	3.139	7.362	1549.	38.	6.	769.0	27.4	1
840	10	448	37.5335	88.0270	-357.2	QAL	9.08	0.40	1.11	0.0	0.0	8.189	1624.	38.	9.	768.5	27.4	1
841	0	440	37.5330	88.0270	-356.5	QAL	8.74	2.12	1.19	0.243	1.784	7.343	1648.	37.	6.	769.0	27.4	1
842	0	400	37.5324	88.0270	-356.7	QAL	9.30	2.10	1.08	0.226	1.941	8.605	1576.	36.	7.	768.5	27.4	1
843	0	392	37.5319	88.0270	-355.2	QAL	4.48	2.57	1.17	0.574	2.191	3.817	1438.	47.	8.	767.4	27.4	1
844	0	388	37.5314	88.0269	-355.0	QAL	6.53	2.51	1.06	0.385	2.375	6.166	1404.	42.	7.	769.0	27.4	1
845	10	376	37.5309	88.0269	-352.5	QAL	7.06	0.74	1.19	0.0	0.0	5.948	1445.	49.	6.	768.5	27.5	1
846	0	368	37.5304	88.0269	-351.5	QAL	6.61	1.66	1.01	0.252	1.646	6.542	1422.	37.	6.	768.0	27.6	1
847	0	372	37.5299	88.0269	-351.2	QAL	6.07	1.62	0.98	0.266	1.643	6.175	1359.	52.	3.	769.5	27.6	1
848	0	372	37.5293	88.0268	-350.5	QAL	5.84	1.55	1.01	0.265	1.533	5.786	1409.	43.	7.	768.5	27.7	1

CP 9 IP 12

*	TAGS			* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
849	10	376	37.5288	88.0267	-348.7		QAL	7.37	0.92	1.14	0.0	0.0	6.458	1424.	42.	3.	768.5	27.8	1
850	0	380	37.5283	88.0267	-348.2		QAL	6.43	2.37	1.18	0.369	2.007	5.445	1486.	37.	1.	769.0	27.8	1
851	0	396	37.5278	88.0267	-348.5		QAL	9.29	3.18	0.96	0.342	3.326	9.728	1592.	30.	1.	768.0	27.8	1
852	0	408	37.5273	88.0267	-349.0		QAL	7.96	2.52	1.44	0.317	1.756	5.544	1584.	28.	0.	768.0	27.8	1
853	0	432	37.5268	88.0266	-348.5		QAL	7.32	3.40	1.29	0.464	2.629	5.667	1659.	28.	2.	767.4	27.8	1
854	0	444	37.5262	88.0266	-347.2		QAL	8.98	4.56	1.12	0.508	4.059	7.994	1717.	35.	0.	768.0	27.8	1
855	0	448	37.5257	88.0266	-346.7		QAL	8.76	3.73	1.22	0.425	3.062	7.201	1660.	40.	1.	769.0	27.8	1
856	10	452	37.5252	88.0266	-346.0		QAL	8.87	1.52	1.16	0.0	0.0	7.667	1635.	48.	5.	768.5	27.8	1
857	0	460	37.5247	88.0265	-344.2		QAL	8.73	2.32	1.00	0.266	2.322	8.734	1596.	41.	4.	767.4	27.8	1
858	0	464	37.5242	88.0265	-342.7		QAL	7.10	2.52	1.17	0.355	2.155	6.068	1614.	37.	7.	767.4	27.8	1
859	0	468	37.5237	88.0265	-342.7		QAL	7.11	2.77	0.96	0.390	2.876	7.376	1543.	23.	9.	766.9	27.7	1
860	0	448	37.5231	88.0265	-343.0		QAL	5.30	2.89	0.91	0.546	3.186	5.841	1416.	34.	9.	766.4	27.7	1
861	0	464	37.5226	88.0264	-342.0		QAL	4.69	3.16	0.78	0.673	4.059	6.031	1417.	30.	12.	766.9	27.7	1
862	10	444	37.5220	88.0264	-341.7		PPTC	6.37	1.37	0.94	0.0	0.0	6.750	1225.	47.	9.	768.0	27.7	1
863	10	444	37.5215	88.0264	-341.7		PPTC	5.64	0.75	0.80	0.0	0.0	7.046	1205.	33.	8.	768.0	27.6	1
864	10	432	37.5210	88.0262	-341.7		PPTC	6.72	0.38	0.88	0.0	0.0	7.628	1244.	48.	8.	767.4	27.7	1
865	0	424	37.5205	88.0263	-340.0		PPTC	6.26	2.21	0.75	0.352	2.935	8.330	1278.	38.	6.	768.0	27.6	1
866	0	424	37.5200	88.0262	-340.7		PPTC	3.82	2.54	0.99	0.666	2.580	3.873	1187.	49.	2.	767.4	27.5	1
867	0	424	37.5195	88.0262	-340.7		PPTC	5.12	1.99	0.82	0.389	2.426	6.232	1224.	45.	6.	767.4	27.5	1
868	0	428	37.5189	88.0261	-339.7		PPTC	4.84	2.30	0.87	0.476	2.654	5.578	1256.	45.	5.	767.4	27.5	1
869	0	436	37.5184	88.0261	-339.0		PPTC	6.19	2.63	0.96	0.425	2.726	6.421	1333.	27.	3.	766.9	27.5	1
870	0	452	37.5179	88.0261	-339.5		PPTC	5.88	3.04	0.64	0.517	4.766	9.221	1267.	39.	7.	767.4	27.5	1
871	10	464	37.5174	88.0261	-339.5		PPTC	7.16	0.06	1.11	0.0	0.0	6.429	1263.	40.	6.	768.0	27.5	1
872	0	468	37.5169	88.0260	-339.2		PPTC	5.58	1.69	1.07	0.302	1.578	5.226	1360.	46.	5.	767.4	27.5	1
873	10	448	37.5164	88.0260	-339.5		PPTC	9.43	1.02	1.18	0.0	0.0	7.978	1436.	33.	7.	767.4	27.5	1
874	0	432	37.5159	88.0260	-339.5		PPTC	6.82	3.09	0.82	0.453	3.766	8.309	1322.	43.	4.	768.0	27.5	1
875	0	480	37.5153	88.0260	-339.2		PPTC	5.98	1.87	1.25	0.313	1.495	4.780	1454.	44.	8.	767.4	27.5	1
876	0	484	37.5148	88.0259	-338.0		PPTC	4.78	2.28	0.91	0.477	2.513	5.263	1443.	33.	6.	766.4	27.5	1
877	0	456	37.5143	88.0259	-339.0		PPTC	6.38	2.25	0.96	0.353	2.335	6.615	1464.	45.	4.	767.4	27.4	1
878	0	416	37.5138	88.0258	-340.0		PPTC	5.46	2.21	1.01	0.405	2.194	5.413	1342.	41.	3.	768.0	27.5	1
879	0	412	37.5133	88.0258	-340.0		PPTC	8.31	2.55	1.06	0.307	2.399	7.816	1451.	34.	5.	766.9	27.4	1
880	10	460	37.5127	88.0258	-338.5		PPTC	8.53	1.19	1.01	0.0	0.0	8.466	1583.	25.	5.	767.4	27.5	1
881	0	484	37.5122	88.0257	-338.5		PPTC	8.00	1.90	0.99	0.237	1.911	8.049	1534.	47.	6.	768.0	27.5	1
882	0	484	37.5117	88.0257	-338.7		PPTC	6.32	2.52	1.33	0.399	1.891	4.742	1662.	33.	5.	768.0	27.5	1
883	0	484	37.5112	88.0257	-337.2		PPTC	8.60	2.47	1.21	0.288	2.050	7.121	1647.	34.	7.	767.4	27.5	1
884	0	484	37.5106	88.0257	-339.0		PPTC	6.89	2.48	1.56	0.360	1.590	4.413	1699.	35.	7.	767.4	27.5	1
885	0	484	37.5101	88.0256	-337.5		PPTC	7.48	2.84	1.12	0.380	2.536	6.675	1657.	42.	8.	767.4	27.4	1
886	0	488	37.5096	88.0256	-338.7		PPTC	6.13	2.22	1.60	0.363	1.386	3.823	1742.	40.	11.	767.4	27.4	1
887	0	488	37.5091	88.0256	-338.5		PPTC	6.63	2.68	1.49	0.405	1.802	4.451	1710.	40.	10.	767.4	27.5	1
888	0	484	37.5086	88.0256	-338.2		PPTC	7.10	2.96	1.00	0.417	2.955	7.081	1686.	31.	10.	768.0	27.4	1
889	10	484	37.5080	88.0255	-338.5		PPTC	8.30	0.81	1.15	0.0	0.0	7.242	1610.	37.	14.	767.4	27.4	1
890	0	484	37.5075	88.0255	-340.5		PPTC	7.47	6.04	0.89	0.809	6.765	8.362	1728.	42.	6.	767.4	27.5	1
891	10	480	37.5070	88.0255	-338.2		PPTC	9.06	0.95	1.54	0.0	0.0	5.888	1705.	44.	11.	767.4	27.5	1
892	0	480	37.5065	88.0255	-336.7		PPTC	7.06	4.92	1.24	0.697	3.958	5.677	1697.	41.	4.	768.0	27.5	1
893	0	480	37.5060	88.0254	-336.7		PPTC	8.12	2.20	1.12	0.271	1.966	7.258	1656.	45.	9.	768.0	27.5	1
894	0	476	37.5055	88.0253	-335.5		PPTC	6.58	3.78	0.99	0.574	3.803	6.621	1608.	48.	9.	767.4	27.5	1
895	0	412	37.5049	88.0253	-337.7		PPTC	4.43	2.16	0.95	0.487	2.273	4.667	1363.	34.	8.	766.9	27.5	1
896	0	384	37.5044	88.0253	-338.2		PPTC	6.85	2.56	0.77	0.374	3.329	8.906	1337.	44.	2.	766.9	27.5	1
897	10	344	37.5039	88.0253	-338.0		PPTC	5.98	0.76	0.96	0.0	0.0	6.223	1359.	50.	7.	767.4	27.5	1
898	0	328	37.5034	88.0252	-338.0		PPTC	5.56	3.25	0.77	0.585	4.202	7.182	1211.	42.	3.	767.4	27.6	1
899	0	324	37.5029	88.0252	-339.0		PPTC	5.20	2.56	0.83	0.491	3.065	6.241	1225.	39.	6.	766.9	27.6	1
900	0	336	37.5023	88.0252	-339.0		PPTC	6.40	2.59	0.73	0.405	3.556	8.784	1336.	29.	5.	766.4	27.6	1
901	0	344	37.5018	88.0252	-339.5		PPTC	7.31	1.64	0.92	0.224	1.772	7.907	1318.	33.	8.	766.4	27.6	1

CP9 IP12

* TAGS *			* LOCATION *				REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
902	0	352	37.5013	88.0251	-340.5	PPTC	5.43	3.07	0.72	0.565	4.238	7.503	1306.	34.	6.	765.9	27.5	1
903	10	360	37.5008	88.0251	-340.2	PPTC	6.41	0.68	0.84	0.0	0.0	7.582	1178.	43.	8.	766.4	27.5	1
904	10	380	37.5002	88.0250	-340.2	PPTC	5.44	0.94	0.89	0.0	0.0	6.144	1160.	52.	12.	766.9	27.5	1
905	10	400	37.4997	88.0250	-340.2	PPTC	6.00	0.90	0.88	0.0	0.0	6.853	1164.	41.	9.	766.4	27.4	1
906	0	444	37.4992	88.0250	-341.2	PPTC	6.11	3.18	0.56	0.521	5.655	10.864	1263.	32.	7.	766.4	27.4	1
907	0	452	37.4987	88.0249	-340.7	PPTC	6.16	3.13	0.77	0.509	4.049	7.962	1304.	40.	8.	766.4	27.4	1
908	0	396	37.4982	88.0249	-340.0	PPTC	5.80	1.57	0.68	0.271	2.297	8.478	1082.	41.	9.	765.9	27.5	1
909	0	360	37.4977	88.0249	-340.7	PPTC	3.92	1.89	0.93	0.481	2.034	4.228	1223.	35.	8.	766.4	27.4	1
910	0	376	37.4971	88.0249	-342.0	PPTC	5.53	3.75	1.02	0.678	3.666	5.409	1539.	32.	5.	766.9	27.4	1
911	0	368	37.4966	88.0248	-341.5	PPTC	8.42	2.21	1.14	0.262	1.929	7.370	1561.	35.	2.	765.9	27.3	1
912	0	352	37.4961	88.0248	-341.2	PPTC	7.80	1.42	1.25	0.182	1.141	6.262	1577.	43.	2.	766.4	27.3	1
913	0	348	37.4956	88.0248	-342.5	PPTC	6.84	3.68	1.32	0.538	2.788	5.185	1653.	42.	1.	766.4	27.3	1
914	0	332	37.4951	88.0248	-342.5	PPTC	7.60	2.60	1.24	0.342	2.094	6.130	1552.	37.	3.	765.9	27.3	1
915	0	316	37.4946	88.0247	-342.2	PPTC	5.91	3.31	1.23	0.560	2.696	4.819	1603.	45.	2.	766.4	27.3	1
916	0	308	37.4940	88.0247	-341.7	PPTC	6.88	2.12	1.17	0.309	1.815	5.881	1594.	48.	3.	765.9	27.3	1
917	0	304	37.4935	88.0247	-342.7	PPTC	6.69	3.01	1.17	0.450	2.569	5.709	1589.	37.	4.	765.4	27.2	1
918	0	304	37.4930	88.0247	-342.2	PPTC	7.45	2.50	1.21	0.336	2.064	6.143	1643.	47.	3.	765.9	27.3	1
919	0	312	37.4925	88.0246	-343.0	PPTC	7.14	4.02	1.00	0.563	4.035	7.168	1673.	49.	2.	765.9	27.3	1
920	0	308	37.4920	88.0246	-343.2	PPTC	7.05	3.44	1.07	0.488	3.226	6.603	1746.	38.	2.	765.4	27.2	1
921	0	304	37.4914	88.0246	-344.7	PPTC	10.59	1.44	1.10	0.136	1.313	9.649	1713.	41.	2.	765.9	27.3	1
922	0	300	37.4909	88.0244	-344.2	PPTC	7.95	4.63	1.05	0.582	4.403	7.559	1801.	40.	3.	765.4	27.3	1
923	0	296	37.4904	88.0245	-344.0	PPTC	8.68	2.10	1.33	0.242	1.576	6.508	1830.	35.	5.	764.9	27.3	1
924	0	292	37.4899	88.0244	-344.7	PPTC	8.40	2.80	1.19	0.334	2.354	7.057	1663.	48.	5.	765.4	27.3	1
925	0	304	37.4893	88.0244	-344.2	PPTC	6.10	3.39	1.11	0.556	3.059	5.506	1600.	34.	7.	765.4	27.3	1
926	0	316	37.4888	88.0243	-345.0	PPTC	5.97	1.24	0.99	0.208	1.257	6.036	1330.	26.	7.	764.3	27.3	1
927	0	336	37.4883	88.0243	-346.0	PPTC	5.55	1.95	0.74	0.352	2.625	7.463	1199.	42.	6.	765.4	27.2	1
928	10	372	37.4878	88.0243	-346.5	PPTC	4.12	1.05	0.84	0.0	0.0	4.908	1170.	41.	6.	765.9	27.2	1
929	0	380	37.4872	88.0243	-345.7	PPTC	5.49	1.47	0.70	0.268	2.089	7.797	1233.	44.	6.	765.4	27.1	1
930	0	400	37.4867	88.0242	-347.5	PPTC	6.51	2.35	0.74	0.360	3.153	8.748	1281.	44.	2.	764.9	27.1	1
931	10	380	37.4862	88.0242	-347.2	PPTC	6.23	0.87	1.18	0.0	0.0	5.271	1343.	29.	7.	765.4	27.1	1
932	0	348	37.4857	88.0242	-346.7	PPTC	7.25	1.58	0.83	0.218	1.907	8.729	1345.	31.	6.	765.4	27.1	1
933	0	352	37.4852	88.0242	-348.0	PPTC	5.54	2.81	1.02	0.507	2.766	5.458	1504.	41.	12.	765.4	27.1	1
934	0	352	37.4847	88.0241	-348.7	PPTC	6.59	1.54	1.42	0.234	1.083	4.635	1639.	33.	13.	765.4	27.1	1
935	0	344	37.4842	88.0241	-347.7	PPTC	7.73	2.03	1.23	0.263	1.655	6.295	1570.	36.	13.	764.9	27.1	1
936	0	352	37.4836	88.0240	-347.0	PPTC	8.88	2.38	1.04	0.268	2.287	8.526	1663.	36.	14.	765.4	27.2	1
937	10	344	37.4831	88.0240	-348.2	PPTC	6.91	0.41	1.24	0.0	0.0	5.555	1535.	36.	16.	765.4	27.1	1
938	10	344	37.4826	88.0240	-350.2	PPTC	7.31	-0.11	0.92	0.0	0.0	7.962	1332.	36.	16.	765.4	27.1	1
939	0	380	37.4821	88.0239	-350.5	PPTC	4.27	1.56	0.93	0.366	1.689	4.617	1349.	30.	16.	765.4	27.2	1
940	0	388	37.4816	88.0239	-350.5	PPTC	5.91	1.53	0.76	0.260	2.010	7.744	1231.	50.	12.	764.3	27.2	1
941	10	392	37.4810	88.0239	-350.5	PPTC	3.83	0.56	1.10	0.0	0.0	3.490	1231.	26.	11.	764.3	27.1	1
942	0	380	37.4805	88.0239	-351.0	PPTC	5.84	1.87	0.79	0.320	2.352	7.349	1205.	36.	8.	764.9	27.1	1
943	0	420	37.4800	88.0238	-351.7	PPTC	4.68	2.22	0.90	0.474	2.477	5.228	1261.	32.	7.	764.9	27.1	1
944	0	452	37.4795	88.0238	-352.2	PPTC	3.05	3.59	0.63	1.178	5.707	4.847	1242.	42.	6.	764.3	27.1	1
945	0	428	37.4789	88.0238	-351.7	PPTC	4.41	1.77	0.84	0.402	2.105	5.230	1214.	44.	7.	764.9	27.1	1
946	0	396	37.4784	88.0238	-351.2	PPTC	4.70	2.94	0.95	0.625	3.088	4.939	1209.	34.	5.	764.3	27.1	1
947	0	368	37.4779	88.0237	-353.5	PPTC	3.52	2.88	0.64	0.817	4.473	5.476	1176.	39.	10.	764.3	27.0	1
948	0	348	37.4774	88.0237	-354.2	PPTC	5.41	1.56	0.65	0.288	2.378	8.259	1153.	51.	6.	764.9	27.0	1
949	0	328	37.4769	88.0237	-354.0	PPTC	8.13	2.00	0.84	0.246	2.390	9.732	1329.	44.	6.	764.3	27.0	1
950	0	344	37.4763	88.0237	-354.0	PPTC	7.90	1.88	1.12	0.239	1.683	7.055	1574.	29.	4.	763.8	27.0	1
951	0	340	37.4758	88.0236	-354.5	PPTC	8.69	2.01	1.18	0.231	1.706	7.396	1627.	33.	6.	763.8	27.0	1
952	0	344	37.4753	88.0235	-354.2	PPTC	7.71	4.22	1.30	0.547	3.254	5.944	1645.	46.	3.	764.3	26.9	1
953	0	340	37.4748	88.0235	-355.0	PPTC	7.81	2.15	0.97	0.275	2.214	8.045	1574.	24.	6.	764.3	27.0	1
954	0	328	37.4743	88.0235	-356.5	PPTC	8.46	2.64	1.02	0.312	2.588	8.291	1546.	47.	0.	764.3	27.0	1

CP9 1P12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
955	0	324	37.4738	88.0235	-356.5	PPTC	6.44	2.59	0.86	0.402	3.004	7.471	1522.	42.	7.	763.8	27.0	1
956	0	312	37.4732	88.0234	-355.2	PPTC	5.70	2.55	1.22	0.448	2.095	4.680	1478.	43.	4.	764.3	27.0	1
957	0	300	37.4727	88.0234	-356.5	PPTC	7.18	2.29	0.98	0.319	2.350	7.358	1316.	48.	6.	764.9	27.0	1
958	10	312	37.4722	88.0233	-356.7	PPTC	7.21	1.20	0.86	0.0	0.0	8.339	1265.	39.	7.	764.9	27.1	1
959	0	324	37.4717	88.0233	-357.2	PPTC	6.31	1.64	0.82	0.261	1.992	7.645	1350.	32.	8.	764.3	27.1	1
960	0	340	37.4712	88.0233	-357.2	PPTC	5.24	1.53	0.82	0.292	1.868	6.391	1282.	42.	10.	763.8	27.1	1
961	0	328	37.4707	88.0233	-358.2	PPTC	5.77	2.24	0.84	0.388	2.666	6.870	1310.	46.	9.	764.3	27.0	1
962	10	348	37.4702	88.0232	-359.0	PPTC	8.43	0.24	1.14	0.0	0.0	7.388	1463.	42.	11.	763.8	27.0	1
963	0	344	37.4696	88.0232	-358.2	PPTC	6.43	2.26	1.04	0.351	2.166	6.164	1496.	41.	10.	764.3	27.0	1
964	0	336	37.4691	88.0232	-359.7	PPTC	6.39	1.92	1.16	0.300	1.658	5.524	1481.	40.	8.	764.9	27.0	1
965	0	300	37.4686	88.0232	-360.7	PPTC	5.44	2.70	1.01	0.495	2.663	5.374	1422.	47.	10.	763.8	27.0	1
966	0	292	37.4680	88.0232	-361.7	PPTC	6.87	2.99	1.05	0.435	2.835	6.516	1538.	32.	7.	763.3	27.0	1
967	0	296	37.4674	88.0232	-361.5	PPTC	7.66	1.84	1.07	0.241	1.719	7.143	1535.	33.	11.	763.8	27.0	1
968	0	288	37.4669	88.0233	-360.2	PPTC	9.03	1.35	1.08	0.149	1.252	8.390	1629.	26.	11.	763.3	27.0	1
969	0	272	37.4664	88.0233	-361.2	PPTC	7.94	3.06	1.03	0.386	2.977	7.718	1592.	38.	5.	763.8	27.1	1
970	0	268	37.4658	88.0233	-361.7	PPTC	7.13	3.00	1.26	0.421	2.378	5.646	1630.	51.	10.	762.8	27.1	1
971	0	276	37.4652	88.0234	-361.0	PPTC	6.89	1.34	1.21	0.195	1.114	5.712	1614.	51.	13.	761.8	27.1	1
972	0	284	37.4647	88.0234	-360.2	PPTC	6.89	3.20	1.40	0.464	2.287	4.926	1767.	35.	10.	763.3	27.1	1
973	0	288	37.4641	88.0234	-363.0	PPTC	9.65	2.56	1.53	0.265	1.668	6.301	1795.	35.	6.	764.3	27.1	1
974	0	288	37.4635	88.0235	-363.7	PPTC	8.53	3.47	1.21	0.406	2.872	7.069	1815.	55.	5.	763.3	27.1	1
975	0	288	37.4630	88.0235	-363.7	PPTC	8.20	2.24	1.37	0.273	1.630	5.970	1803.	48.	4.	762.3	27.0	1
976	0	276	37.4625	88.0236	-364.7	PPTC	7.06	3.45	1.21	0.489	2.840	5.814	1781.	49.	3.	762.8	27.1	1
977	10	272	37.4619	88.0236	-364.0	PPTC	8.61	1.15	1.34	0.0	0.0	6.399	1804.	42.	7.	763.8	27.1	1
978	0	276	37.4613	88.0236	-364.5	PPTC	6.80	3.49	1.36	0.513	2.566	4.998	1725.	51.	3.	763.3	27.1	1
979	10	280	37.4608	88.0237	-365.5	PPTC	7.32	1.10	1.13	0.0	0.0	6.446	1484.	54.	7.	763.3	27.1	1
980	0	268	37.4602	88.0237	-365.0	PPTC	4.13	1.37	0.78	0.332	1.748	5.270	1151.	24.	6.	763.8	27.1	1
981	0	304	37.4597	88.0237	-365.5	PPTC	3.35	2.85	0.85	0.851	3.367	3.958	1177.	41.	7.	763.3	27.1	1
982	10	344	37.4591	88.0238	-367.0	PPTC	4.95	0.81	0.61	0.0	0.0	8.186	1161.	41.	7.	762.3	27.1	1
983	0	368	37.4586	88.0238	-367.7	PPTC	5.38	2.20	0.74	0.409	2.976	7.271	1188.	53.	3.	763.3	27.1	1
984	0	392	37.4580	88.0238	-368.2	PPTC	7.83	1.62	0.95	0.206	1.700	8.237	1357.	32.	4.	763.8	27.2	1
985	0	452	37.4575	88.0238	-369.0	MCU	6.83	3.25	0.96	0.477	3.386	7.100	1496.	52.	6.	763.8	27.2	1
986	0	480	37.4569	88.0238	-369.2	MCU	5.61	2.91	1.28	0.519	2.281	4.397	1591.	41.	10.	763.3	27.2	1
987	0	488	37.4563	88.0239	-369.7	MCU	8.42	1.97	1.17	0.234	1.680	7.178	1575.	44.	9.	763.3	27.2	1
988	0	452	37.4557	88.0239	-369.7	MCU	4.89	2.22	1.09	0.453	2.035	4.490	1411.	35.	9.	762.8	27.2	1
989	0	448	37.4552	88.0239	-371.0	MCU	8.49	1.82	0.93	0.214	1.954	9.123	1444.	35.	9.	762.8	27.1	1
990	0	480	37.4547	88.0240	-372.0	MCU	5.79	1.94	1.14	0.336	1.707	5.086	1479.	37.	8.	763.3	27.1	1
991	0	484	37.4541	88.0240	-370.2	MCU	6.90	2.46	1.02	0.356	2.400	6.737	1405.	54.	5.	762.8	27.1	1
992	0	480	37.4536	88.0241	-374.0	MCU	6.81	1.82	1.28	0.268	1.420	5.303	1477.	38.	2.	762.3	27.1	1
993	0	472	37.4530	88.0241	-374.7	MCU	6.07	1.75	1.18	0.289	1.484	5.137	1436.	39.	3.	762.8	27.1	1
994	0	468	37.4524	88.0242	-373.0	MCU	6.64	2.34	0.95	0.353	2.468	6.985	1392.	51.	4.	763.8	27.2	1
995	0	468	37.4519	88.0242	-373.5	MCU	5.53	1.89	0.97	0.341	1.943	5.694	1320.	45.	3.	763.3	27.1	1
996	0	456	37.4513	88.0242	-374.7	MCU	3.17	1.49	0.74	0.471	2.018	4.283	1096.	53.	4.	762.8	27.1	1
997	0	504	37.4507	88.0242	-372.7	MCU	4.95	1.97	0.78	0.397	2.520	6.352	1125.	40.	5.	763.3	26.9	1
998	10	532	37.4502	88.0243	-373.7	MCU	4.39	1.38	1.03	0.0	0.0	4.254	1208.	37.	8.	763.3	27.0	1
999	0	528	37.4497	88.0243	-376.7	MCU	3.87	1.69	0.97	0.437	1.749	4.003	1093.	42.	3.	762.8	27.0	1
1000	0	480	37.4491	88.0244	-378.0	MCU	3.75	3.44	0.63	0.918	5.502	5.997	1049.	35.	5.	763.3	27.0	1
1001	0	416	37.4485	88.0244	-377.2	MCU	4.07	2.55	0.52	0.626	4.900	7.823	1076.	38.	4.	763.3	27.0	1
1002	10	404	37.4480	88.0244	-377.7	MCU	5.30	1.06	0.79	0.0	0.0	6.685	1173.	35.	6.	762.8	27.1	1
1003	0	424	37.4474	88.0245	-379.2	MCU	3.56	1.50	1.33	0.422	1.131	2.681	1335.	42.	4.	762.8	27.1	1
1004	10	428	37.4469	88.0245	-380.2	MCU	7.71	0.79	1.23	0.0	0.0	6.261	1440.	35.	6.	763.3	27.1	1
1005	0	428	37.4464	88.0245	-380.2	MCU	7.20	2.61	1.09	0.362	2.399	6.624	1623.	40.	6.	763.8	27.1	1
1006	0	420	37.4458	88.0246	-381.5	MCU	6.30	1.67	1.54	0.265	1.086	4.104	1685.	44.	7.	763.8	27.1	1
1007	10	416	37.4452	88.0246	-382.5	MCU	8.43	1.53	1.19	0.0	0.0	7.091	1607.	53.	7.	763.3	27.1	1

CP9 IP12

*	TAGS		* LOCATION		*			REDUCED DATA										*
* ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1008	0	408	37.4447	88.0247	-381.0		MCU	9.62	2.59	0.91	0.269	2.853	10.613	1642.	43.	9.	762.8	27.1	1
1009	0	404	37.4441	88.0247	-381.7		MCU	8.45	2.23	1.17	0.263	1.905	7.231	1610.	48.	9.	763.3	27.1	1
1010	0	400	37.4435	88.0247	-384.7		MCU	7.99	1.88	1.31	0.235	1.426	6.075	1664.	40.	12.	762.8	27.2	1
1011	0	396	37.4430	88.0248	-384.7		MCU	7.19	2.54	0.86	0.353	2.946	8.350	1615.	46.	10.	762.8	27.3	1
1012	0	396	37.4424	88.0248	-387.5		MCU	6.69	1.72	0.98	0.256	1.758	6.855	1557.	38.	14.	763.3	27.2	1
1013	0	396	37.4419	88.0248	-390.2		MCU	8.03	1.84	1.05	0.229	1.751	7.647	1454.	41.	13.	763.8	27.2	1
1014	10	400	37.4413	88.0249	-381.7		MCU	5.50	0.99	0.97	0.0	0.0	5.664	1363.	30.	14.	763.3	27.2	1
1015	0	384	37.4408	88.0249	-372.7		MCU	6.51	2.04	1.05	0.313	1.941	6.207	1248.	39.	10.	763.8	27.1	1
1016	10	420	37.4402	88.0250	-379.2		MCU	4.97	-0.02	0.73	0.0	0.0	6.831	1114.	32.	12.	763.3	27.1	1
1017	0	476	37.4396	88.0250	-390.5		MCU	5.57	1.76	0.77	0.315	2.290	7.264	1277.	45.	11.	763.8	27.1	1
1018	0	488	37.4391	88.0250	-390.2		MCU	5.86	2.46	0.81	0.419	3.026	7.218	1238.	42.	8.	763.8	27.1	1
1019	0	460	37.4385	88.0250	-391.5		MCU	4.54	3.77	0.51	0.831	7.456	8.972	1179.	34.	8.	763.3	27.1	1
1020	0	416	37.4380	88.0251	-393.2		MCU	3.04	2.24	0.79	0.737	2.818	3.824	1092.	38.	8.	764.9	27.2	1
1021	0	404	37.4374	88.0251	-393.5		MCU	5.95	2.75	0.76	0.463	3.611	7.807	1184.	40.	4.	763.8	27.1	1
1022	0	400	37.4369	88.0252	-395.5		MCU	4.78	3.11	0.78	0.652	3.973	6.098	1390.	31.	5.	763.3	27.1	1
1023	0	400	37.4363	88.0252	-396.2		MCU	6.60	2.90	1.04	0.440	2.803	6.375	1600.	38.	6.	763.8	27.2	1
1024	0	396	37.4357	88.0253	-396.2		MCU	5.56	2.74	1.05	0.493	2.603	5.279	1612.	49.	7.	763.3	27.2	1
1025	0	404	37.4352	88.0253	-398.2		MCU	8.44	1.77	1.26	0.209	1.402	6.693	1713.	38.	6.	763.8	27.2	1
1026	0	408	37.4346	88.0253	-400.0		MCU	6.60	2.66	1.46	0.403	1.828	4.536	1725.	26.	7.	763.3	27.3	1
1027	0	420	37.4341	88.0254	-399.2		MCU	8.09	2.00	1.27	0.247	1.579	6.392	1703.	36.	7.	762.3	27.3	1
1028	0	428	37.4335	88.0254	-400.0		MCU	8.00	2.22	1.00	0.277	2.216	7.995	1584.	38.	5.	763.3	27.3	1
1029	0	420	37.4330	88.0254	-401.5		MCU	7.11	3.34	1.03	0.469	3.247	6.916	1555.	36.	7.	763.3	27.3	1
1030	0	412	37.4324	88.0254	-403.2		MCU	7.96	1.67	1.09	0.209	1.535	7.335	1589.	40.	5.	762.8	27.2	1
1031	0	408	37.4319	88.0254	-404.2		MCU	7.41	3.51	0.93	0.474	3.791	7.998	1557.	42.	4.	763.3	27.2	1
1032	10	408	37.4313	88.0255	-404.7		MCU	6.71	0.67	1.04	0.0	0.0	6.437	1350.	33.	8.	763.3	27.1	1
1033	0	396	37.4307	88.0255	-406.5		MCU	4.72	2.04	0.73	0.432	2.801	6.476	1166.	30.	5.	763.8	27.1	1
1034	0	408	37.4302	88.0255	-407.7		MCU	3.40	2.02	0.77	0.593	2.636	4.448	1190.	40.	11.	763.3	27.1	1
1035	10	440	37.4296	88.0256	-408.7		MCU	6.35	0.96	0.71	0.0	0.0	8.978	1126.	38.	7.	762.8	27.1	1
1036	10	464	37.4291	88.0256	-409.5		MCU	5.31	1.47	0.52	0.0	0.0	10.222	1067.	35.	11.	763.3	27.1	1
1037	10	428	37.4285	88.0256	-411.0		MCU	3.60	0.23	0.77	0.0	0.0	4.676	1106.	48.	13.	763.8	27.1	1
1038	0	396	37.4280	88.0257	-411.5		MCU	6.78	1.55	0.69	0.228	2.228	9.759	1181.	45.	3.	763.8	27.1	1
1039	0	388	37.4274	88.0257	-413.7		MCU	5.65	2.14	0.88	0.379	2.424	6.394	1328.	39.	5.	763.3	27.0	1
1040	0	376	37.4268	88.0258	-415.0		MCU	6.71	2.81	0.93	0.418	3.031	7.248	1432.	31.	8.	762.8	27.1	1
1041	0	380	37.4263	88.0258	-415.5		MCU	6.28	2.87	1.00	0.457	2.872	6.288	1540.	32.	6.	763.3	27.1	1
1042	10	380	37.4257	88.0258	-418.0		MCU	7.43	1.33	1.16	0.0	0.0	6.381	1515.	51.	7.	762.8	27.1	1
1043	0	368	37.4252	88.0259	-418.2		MCU	6.77	3.21	0.99	0.473	3.255	6.874	1528.	49.	4.	763.3	27.1	1
1044	0	364	37.4247	88.0259	-419.7		MCU	6.53	3.08	1.26	0.472	2.452	5.198	1566.	40.	4.	763.3	27.1	1
1045	10	348	37.4241	88.0259	-420.0		MCU	9.00	1.37	1.16	0.0	0.0	7.745	1641.	38.	8.	762.8	27.1	1
1046	0	344	37.4235	88.0260	-422.2		MCU	6.73	1.88	1.42	0.280	1.330	4.753	1682.	42.	6.	763.3	27.2	1
1047	0	348	37.4229	88.0260	-424.7		MCU	6.41	3.89	0.96	0.606	4.040	6.662	1611.	49.	4.	763.3	27.2	1
1048	0	352	37.4224	88.0260	-424.2		MCU	6.08	3.62	0.78	0.596	4.669	7.836	1486.	46.	6.	763.8	27.3	1
1049	0	376	37.4219	88.0261	-427.0		MCU	5.90	3.78	0.94	0.640	4.017	6.272	1405.	38.	7.	763.3	27.2	1
1050	10	384	37.4213	88.0261	-428.5		MCU	6.60	1.19	1.12	0.0	0.0	5.893	1421.	53.	7.	762.3	27.3	1
1051	10	360	37.4207	88.0262	-429.2		MCU	7.23	1.23	0.90	0.0	0.0	8.064	1408.	48.	8.	763.3	27.4	1
1052	10	356	37.4202	88.0262	-431.0		MCU	5.82	1.24	0.88	0.0	0.0	6.591	1352.	42.	8.	762.8	27.4	1
1053	0	420	37.4196	88.0262	-433.2		MCU	6.02	2.17	1.27	0.360	1.707	4.744	1535.	49.	5.	761.8	27.3	1
1054	0	444	37.4191	88.0263	-434.0		MCU	9.72	2.88	0.98	0.296	2.945	9.935	1635.	41.	1.	764.3	27.3	1
1055	0	440	37.4185	88.0263	-435.0		MCU	6.51	3.14	1.49	0.483	2.109	4.368	1678.	35.	4.	762.8	27.2	1
1056	0	448	37.4179	88.0263	-437.5		MCU	8.21	3.07	1.27	0.374	2.426	6.480	1821.	39.	4.	761.8	27.2	1
1057	0	460	37.4174	88.0264	-437.7		MCU	4.79	4.70	1.07	0.981	4.400	4.487	1730.	38.	3.	764.3	27.1	1
1058	0	472	37.4169	88.0264	-438.5		MCU	5.09	5.39	0.98	1.057	5.509	5.210	1695.	48.	2.	763.3	27.1	1
1059	0	472	37.4163	88.0265	-441.2		MCU	6.88	3.46	1.33	0.504	2.609	5.180	1662.	33.	2.	762.8	27.2	1
1060	0	472	37.4157	88.0265	-442.7		MCU	5.94	2.32	1.35	0.390	1.713	4.391	1556.	34.	6.	764.3	27.2	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.	UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1061	0	480	37.4152	88.0265	-444.7		MCU	6.81	2.86	0.95	0.420	3.020	7.195	1614.	34.	4.	762.8	27.2	1
1062	0	492	37.4146	88.0266	-446.2		MCU	8.45	3.72	1.27	0.440	2.927	6.653	1659.	32.	7.	761.8	27.3	1
1063	0	488	37.4140	88.0266	-448.2		MCU	8.10	1.94	1.13	0.240	1.716	7.153	1552.	35.	9.	763.8	27.3	1
1064	0	480	37.4135	88.0266	-448.2		MCU	4.84	4.41	0.93	0.910	4.754	5.223	1566.	43.	5.	762.8	27.3	1
1065	0	476	37.4130	88.0266	-449.0		MCU	5.59	2.11	1.01	0.377	2.085	5.535	1546.	28.	10.	762.3	27.3	1
1066	0	480	37.4124	88.0267	-452.7		MCU	6.24	2.69	1.26	0.430	2.139	4.971	1637.	23.	8.	763.3	27.3	1
1067	0	488	37.4118	88.0267	-453.2		MCU	8.37	4.16	1.18	0.497	3.516	7.074	1680.	33.	4.	762.3	27.2	1
1068	0	484	37.4113	88.0267	-454.0		MCU	5.87	4.38	1.12	0.747	3.907	5.234	1652.	38.	2.	762.8	27.3	1
1069	0	472	37.4107	88.0267	-455.0		MCU	9.81	1.81	0.82	0.184	2.211	11.994	1661.	33.	3.	762.8	27.2	1
1070	0	468	37.4102	88.0269	-458.0		MCU	7.07	2.74	1.07	0.388	2.571	6.628	1559.	39.	4.	761.8	27.3	1
1071	0	460	37.4096	88.0269	-460.5		MCU	9.17	5.95	0.95	0.648	6.258	9.651	1584.	39.	0.	763.8	27.3	1
1072	0	452	37.4090	88.0269	-460.2		MCU	6.81	3.48	1.33	0.511	2.616	5.124	1625.	47.	2.	763.8	27.5	1
1073	0	456	37.4085	88.0270	-461.2		MCU	6.91	3.26	1.09	0.472	2.991	6.341	1652.	39.	2.	762.3	27.6	1
1074	0	460	37.4080	88.0270	-464.0		MCU	8.10	1.70	0.98	0.210	1.726	8.237	1516.	35.	3.	763.3	27.6	1
1075	0	472	37.4074	88.0270	-464.2		MCU	11.05	2.22	0.80	0.201	2.765	13.756	1585.	33.	2.	763.3	27.5	1
1076	0	476	37.4068	88.0270	-466.2		MCU	6.87	3.49	1.14	0.508	3.064	6.029	1596.	34.	5.	761.2	27.6	1
1077	0	488	37.4063	88.0270	-468.2		MCU	6.11	3.51	1.04	0.574	3.377	5.880	1688.	43.	8.	762.3	27.5	1
1078	0	496	37.4057	88.0271	-471.5		MCU	7.63	4.72	0.85	0.619	5.539	8.942	1589.	46.	3.	763.3	27.5	1
1079	0	504	37.4052	88.0271	-471.5		MCU	6.58	2.34	1.35	0.355	1.726	4.859	1553.	35.	7.	762.3	27.5	1
1080	0	504	37.4046	88.0271	-472.7		MCU	8.11	2.43	1.10	0.300	2.215	7.385	1546.	35.	8.	762.8	27.5	1
1081	0	500	37.4041	88.0272	-475.5		MCU	7.08	3.54	0.94	0.499	3.753	7.514	1616.	37.	6.	764.3	27.6	1
1082	0	488	37.4035	88.0272	-476.2		MCU	4.18	3.60	0.99	0.862	3.624	4.204	1479.	47.	5.	762.3	27.6	1
1083	0	480	37.4029	88.0273	-477.5		MCU	6.52	3.69	1.13	0.566	3.268	5.774	1620.	43.	6.	762.3	27.5	1
1084	0	484	37.4024	88.0273	-478.2		MCU	8.04	3.44	1.00	0.428	3.436	8.027	1622.	41.	3.	763.3	27.4	1
1085	0	496	37.4018	88.0273	-479.2		MCU	7.01	2.84	1.15	0.405	2.471	6.095	1579.	32.	8.	761.8	27.3	1
1086	10	504	37.4012	88.0274	-482.2		MCU	6.93	1.50	0.85	0.0	0.0	8.189	1565.	40.	4.	761.8	27.3	1
1087	0	504	37.4007	88.0274	-484.7		MCU	6.75	2.97	1.09	0.439	2.719	6.190	1662.	48.	10.	763.8	27.3	1
1088	0	500	37.4002	88.0274	-486.0		MCU	7.80	2.67	1.16	0.343	2.313	6.749	1593.	33.	5.	762.8	27.3	1
1089	0	484	37.3996	88.0275	-486.7		MCU	7.98	2.56	1.20	0.321	2.131	6.638	1620.	50.	10.	761.8	27.2	1
1090	0	472	37.3990	88.0275	-487.2		MCU	9.43	2.63	1.25	0.279	2.103	7.548	1658.	30.	9.	764.3	27.2	1
1091	0	468	37.3985	88.0275	-489.5		MCU	9.16	2.69	1.24	0.294	2.167	7.372	1712.	40.	8.	763.3	27.2	1
1092	0	460	37.3979	88.0276	-490.7		MCU	8.95	2.53	1.29	0.283	1.965	6.954	1719.	28.	8.	762.3	27.2	1
1093	10	468	37.3974	88.0276	-492.7		MCU	8.48	1.15	1.09	0.0	0.0	7.772	1677.	45.	8.	763.8	27.2	1
1094	0	480	37.3968	88.0277	-493.7		MCU	6.16	3.39	1.19	0.551	2.840	5.158	1704.	51.	11.	762.8	27.2	1
1095	10	476	37.3963	88.0277	-494.7		MCU	6.75	1.70	1.11	0.0	0.0	6.102	1707.	48.	17.	761.8	27.2	1
1096	10	464	37.3957	88.0277	-496.0		MCU	8.22	0.86	1.13	0.0	0.0	7.294	1665.	32.	11.	763.8	27.2	1
1097	0	460	37.3952	88.0278	-497.2		MCU	7.69	3.53	1.15	0.459	3.079	6.706	1647.	44.	12.	763.3	27.1	1
1098	10	472	37.3946	88.0278	-500.0		MCU	11.39	0.91	1.08	0.0	0.0	10.570	1643.	33.	12.	761.2	27.2	1
1099	0	484	37.3940	88.0279	-500.7		MCU	5.78	2.21	1.20	0.382	1.848	4.833	1611.	50.	17.	762.8	27.1	1
1100	10	480	37.3935	88.0279	-502.7		MCU	8.35	0.18	1.05	0.0	0.0	7.924	1540.	43.	17.	762.8	27.2	1
1101	0	468	37.3929	88.0279	-504.7		MCU	6.63	1.99	1.34	0.299	1.482	4.950	1493.	35.	14.	761.8	27.2	1
1102	0	444	37.3923	88.0279	-505.2		MCU	5.53	4.07	0.66	0.735	6.208	8.442	1355.	36.	13.	763.8	27.2	1
1103	10	456	37.3918	88.0279	-506.5		MCU	8.93	1.19	0.56	0.0	0.0	15.961	1337.	33.	16.	763.8	27.2	1
1104	10	484	37.3913	88.0280	-508.2		MCL	6.16	-0.30	0.88	0.0	0.0	6.974	1184.	47.	16.	761.8	27.2	1
1105	10	516	37.3907	88.0280	-511.0		MCL	5.03	1.20	0.61	0.0	0.0	8.177	1260.	38.	16.	762.8	27.2	1
1106	10	568	37.3901	88.0280	-509.2		MCL	6.40	0.28	1.29	0.0	0.0	4.949	1383.	33.	12.	762.8	27.4	1
1107	10	576	37.3896	88.0282	-511.2		MCL	7.87	1.49	0.75	0.0	0.0	10.513	1431.	35.	10.	761.8	27.3	1
1108	10	572	37.3890	88.0282	-514.5		QAL	8.41	1.62	1.19	0.0	0.0	7.050	1538.	34.	11.	762.8	27.3	1
1109	0	548	37.3885	88.0282	-515.2		QAL	8.31	3.80	0.85	0.458	4.470	9.764	1452.	43.	4.	762.8	27.4	1
1110	0	524	37.3879	88.0282	-516.7		QAL	8.52	3.63	1.17	0.426	3.113	7.300	1565.	33.	7.	760.7	27.4	1
1111	10	512	37.3874	88.0283	-518.5		QAL	8.30	0.86	1.14	0.0	0.0	7.249	1567.	43.	10.	761.8	27.4	1
1112	0	512	37.3868	88.0283	-518.7		QAL	5.57	4.92	1.04	0.884	4.730	5.348	1653.	45.	7.	762.8	27.5	1
1113	0	524	37.3862	88.0283	-519.7		MCU	5.15	2.95	1.04	0.572	2.824	4.938	1558.	49.	6.	760.7	27.5	1

TAGS			LOCATION			REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1114	10	528	37.3857	88.0283	-521.5	MCU	7.24	1.65	1.34	0.0	0.0	5.423	1650.	43.	7.	761.8	27.6	1
1115	0	528	37.3851	88.0284	-525.0	MCU	7.17	3.65	1.01	0.509	3.623	7.122	1555.	54.	7.	762.8	27.6	1
1116	0	512	37.3846	88.0284	-526.2	MCU	4.44	5.14	0.83	1.157	6.227	5.383	1593.	52.	8.	760.7	27.5	1
1117	0	500	37.3840	88.0284	-527.2	MCU	8.35	3.21	1.00	0.385	3.207	8.331	1623.	43.	5.	761.8	27.4	1
1118	0	500	37.3835	88.0285	-528.0	MCU	5.76	2.53	1.32	0.440	1.915	4.354	1586.	41.	1.	762.8	27.4	1
1119	0	500	37.3829	88.0285	-527.7	MCU	6.09	3.92	1.12	0.643	3.512	5.461	1600.	35.	2.	760.7	27.4	1
1120	0	508	37.3824	88.0285	-528.5	MCU	3.82	2.57	1.46	0.673	1.758	2.612	1579.	51.	1.	761.8	27.4	1
1121	0	524	37.3818	88.0286	-529.2	MCU	6.93	3.52	1.17	0.508	3.018	5.939	1579.	43.	3.	762.8	27.3	1
1122	0	524	37.3812	88.0286	-530.5	MCU	5.23	2.05	1.31	0.392	1.584	3.986	1644.	43.	5.	761.8	27.3	1
1123	0	512	37.3807	88.0286	-530.0	MCU	5.52	4.52	0.89	0.819	5.077	6.196	1549.	49.	4.	761.8	27.3	1
1124	0	508	37.3801	88.0287	-532.7	MCU	7.05	3.82	1.23	0.542	3.113	5.742	1615.	39.	1.	762.8	27.3	1
1125	0	500	37.3796	88.0287	-534.5	MCU	6.90	2.68	1.13	0.388	2.361	6.090	1469.	56.	0.	762.8	27.3	1
1126	0	496	37.3790	88.0287	-532.7	MCU	10.03	3.07	0.87	0.306	3.530	11.545	1515.	49.	3.	762.8	27.3	1
1127	0	496	37.3784	88.0287	-533.7	MCU	5.44	2.92	1.29	0.538	2.270	4.223	1491.	34.	8.	763.8	27.2	1
1128	0	492	37.3779	88.0286	-536.7	MCU	7.13	2.89	1.14	0.405	2.533	6.258	1581.	40.	7.	762.8	27.3	1
1129	0	496	37.3773	88.0286	-537.5	MCU	5.37	3.04	1.15	0.567	2.655	4.684	1484.	51.	6.	761.8	27.3	1
1130	10	496	37.3767	88.0286	-538.7	MCU	8.09	0.92	1.22	0.0	0.0	6.652	1593.	37.	5.	763.8	27.3	1
1131	0	492	37.3762	88.0286	-539.2	MCU	9.02	2.02	1.22	0.224	1.659	7.403	1639.	34.	9.	764.3	27.3	1
1132	0	488	37.3756	88.0287	-541.5	MCU	7.32	2.74	1.11	0.374	2.471	6.601	1636.	42.	13.	761.2	27.3	1
1133	0	480	37.3750	88.0285	-541.7	MCU	7.56	2.91	1.23	0.385	2.372	6.168	1641.	42.	10.	761.2	27.3	1
1134	10	468	37.3745	88.0285	-542.5	MCU	6.44	1.15	1.60	0.0	0.0	4.029	1676.	47.	13.	763.8	27.4	1
1135	0	464	37.3739	88.0286	-543.7	MCU	7.47	3.17	1.18	0.424	2.692	6.353	1731.	45.	10.	763.3	27.4	1
1136	0	464	37.3733	88.0286	-544.7	MCU	6.57	2.27	0.97	0.345	2.341	6.777	1653.	35.	14.	761.8	27.5	1
1137	10	456	37.3727	88.0286	-544.2	MCU	8.78	0.76	1.38	0.0	0.0	6.364	1691.	38.	11.	763.8	27.5	1
1138	0	464	37.3722	88.0285	-544.2	MCU	6.92	2.32	1.35	0.336	1.720	5.119	1749.	43.	10.	764.3	27.5	1
1139	0	448	37.3717	88.0285	-544.5	MCU	8.39	2.96	1.11	0.352	2.667	7.568	1633.	43.	7.	761.8	27.4	1
1140	0	408	37.3711	88.0285	-546.2	MCU	7.56	2.54	1.13	0.336	2.237	6.665	1642.	43.	7.	761.8	27.5	1
1141	0	372	37.3705	88.0285	-547.7	MCU	7.10	3.60	0.95	0.507	3.799	7.496	1595.	40.	4.	763.8	27.5	1
1142	0	276	37.3699	88.0285	-547.5	MCU	5.70	2.41	0.78	0.423	3.100	7.335	1303.	42.	3.	763.8	27.5	1
1143	0	264	37.3694	88.0285	-547.5	MCU	5.86	2.16	0.73	0.369	2.974	8.063	1286.	30.	4.	762.8	27.4	1
1144	0	280	37.3688	88.0285	-549.0	MCU	7.57	2.47	0.65	0.327	3.780	11.567	1359.	39.	2.	762.8	27.4	1
1145	0	308	37.3682	88.0285	-551.0	MCU	7.01	1.91	1.33	0.272	1.437	5.275	1587.	47.	3.	764.3	27.4	1
1146	0	304	37.3677	88.0285	-551.2	MCU	6.67	2.03	1.28	0.304	1.588	5.217	1677.	38.	2.	764.3	27.4	1
1147	0	308	37.3671	88.0284	-550.7	MCU	8.49	3.11	1.02	0.366	3.034	8.299	1654.	46.	0.	763.3	27.4	1
1148	0	316	37.3665	88.0285	-551.2	MCU	9.54	3.03	1.19	0.317	2.545	8.018	1721.	33.	1.	763.3	27.4	1
1149	0	312	37.3660	88.0285	-552.2	MCU	7.81	1.51	1.27	0.193	1.188	6.149	1677.	39.	6.	763.8	27.3	1
1150	0	320	37.3654	88.0285	-553.2	MCU	8.43	1.83	1.15	0.217	1.588	7.307	1722.	37.	6.	764.9	27.4	1
1151	0	328	37.3648	88.0285	-553.5	MCU	7.29	4.00	1.20	0.548	3.337	6.083	1656.	42.	4.	763.8	27.3	1
1152	0	324	37.3643	88.0284	-555.0	MCU	6.04	3.11	1.33	0.516	2.336	4.532	1723.	46.	9.	761.8	27.3	1
1153	0	336	37.3637	88.0284	-553.2	MCU	7.39	2.16	1.21	0.292	1.790	6.126	1664.	41.	6.	762.8	27.3	1
1154	0	332	37.3632	88.0284	-554.0	MCU	9.18	2.72	1.22	0.297	2.234	7.533	1789.	32.	8.	765.4	27.4	1
1155	0	340	37.3626	88.0284	-555.5	MCU	7.50	2.54	1.15	0.339	2.213	6.525	1754.	42.	10.	764.3	27.4	1
1156	10	352	37.3620	88.0284	-554.0	MCU	10.22	1.49	1.44	0.0	0.0	7.096	1803.	39.	10.	762.8	27.4	1
1157	0	364	37.3614	88.0284	-554.7	MCU	8.69	1.79	1.33	0.206	1.350	6.555	1705.	43.	10.	763.8	27.3	1
1158	0	368	37.3609	88.0284	-556.5	MCU	7.38	2.43	1.16	0.329	2.101	6.379	1632.	40.	10.	765.4	27.4	1
1159	0	376	37.3603	88.0284	-556.0	MCU	8.44	1.93	1.25	0.229	1.552	6.772	1710.	38.	8.	764.3	27.4	1
1160	0	384	37.3598	88.0284	-557.7	MCU	9.24	3.10	0.85	0.335	3.647	10.877	1615.	41.	4.	761.8	27.4	1
1161	10	392	37.3592	88.0284	-558.2	MCU	8.67	1.34	1.12	0.0	0.0	7.724	1646.	33.	5.	762.8	27.4	1
1162	0	400	37.3586	88.0284	-558.0	MCU	7.42	2.66	1.21	0.359	2.193	6.109	1596.	38.	6.	764.3	27.5	1
1163	0	408	37.3580	88.0284	-558.5	MCU	9.87	2.79	0.94	0.283	2.967	10.491	1600.	29.	4.	763.8	27.5	1
1164	0	424	37.3575	88.0284	-559.0	MCU	8.22	2.53	1.35	0.308	1.871	6.073	1664.	31.	6.	761.8	27.5	1
1165	0	440	37.3569	88.0284	-558.0	MCU	8.89	2.38	0.97	0.268	2.447	9.145	1724.	46.	5.	761.8	27.4	1
1166	0	452	37.3563	88.0283	-558.0	MCU	8.00	2.26	0.94	0.283	2.400	8.486	1655.	50.	10.	763.8	27.4	1

CP9 IP12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1167	0	464	37.3558	88.0283	-560.7	MCU	10.35	3.72	1.08	0.360	3.437	9.561	1738.	33.	11.	762.8	27.3	1
1168	0	464	37.3552	88.0283	-560.2	MCU	6.59	3.50	1.40	0.531	2.499	4.705	1818.	37.	13.	760.7	27.2	1
1169	0	460	37.3547	88.0283	-559.0	MCU	7.29	4.24	0.98	0.581	4.340	7.465	1727.	44.	13.	762.8	27.2	1
1170	0	456	37.3541	88.0284	-559.7	MCU	8.40	2.13	1.12	0.253	1.897	7.487	1676.	42.	14.	764.3	27.3	1
1171	10	460	37.3535	88.0283	-561.7	MCU	9.85	-0.34	1.42	0.0	0.0	6.939	1687.	37.	15.	762.8	27.2	1
1172	0	472	37.3529	88.0283	-561.0	MCU	7.30	3.15	1.12	0.431	2.809	6.519	1730.	40.	11.	760.7	27.2	1
1173	0	484	37.3524	88.0283	-560.0	MCU	9.29	2.13	1.05	0.229	2.020	8.814	1677.	39.	6.	761.8	27.2	1
1174	10	492	37.3519	88.0283	-560.0	MCU	6.16	1.41	1.23	0.0	0.0	5.007	1636.	43.	12.	763.8	27.3	1
1175	0	508	37.3513	88.0283	-561.5	MCU	7.41	3.01	1.28	0.407	2.355	5.787	1597.	36.	9.	762.8	27.2	1
1176	10	512	37.3507	88.0283	-561.5	MCU	7.96	0.80	1.25	0.0	0.0	6.388	1597.	49.	11.	760.7	27.2	1
1177	0	492	37.3501	88.0283	-561.0	MCU	9.17	3.39	1.02	0.370	3.306	8.946	1610.	38.	6.	761.2	27.1	1
1178	10	468	37.3495	88.0283	-560.7	MCU	9.17	-0.58	1.24	0.0	0.0	7.417	1613.	39.	10.	763.3	27.2	1
1179	0	428	37.3490	88.0283	-559.7	MCU	5.40	2.89	0.96	0.535	3.001	5.611	1588.	30.	6.	763.3	27.1	1
1180	0	388	37.3484	88.0282	-560.2	MCU	6.32	3.44	0.81	0.544	4.243	7.799	1538.	39.	6.	761.2	27.1	1
1181	0	396	37.3479	88.0282	-561.5	MCU	6.80	1.78	1.34	0.262	1.324	5.062	1592.	47.	5.	761.2	27.1	1
1182	0	384	37.3473	88.0282	-560.7	MCU	8.34	1.79	1.03	0.215	1.735	8.064	1608.	34.	8.	763.3	27.2	1
1183	0	388	37.3467	88.0283	-561.2	MCU	8.62	3.17	1.11	0.367	2.849	7.754	1593.	34.	8.	764.3	27.2	1
1184	0	408	37.3462	88.0283	-562.0	MCU	8.01	3.37	1.04	0.421	3.240	7.700	1718.	31.	9.	762.8	27.2	1
1185	0	412	37.3456	88.0282	-561.7	MCU	5.68	3.70	1.03	0.652	3.579	5.491	1741.	46.	9.	761.8	27.1	1
1186	0	400	37.3450	88.0282	-560.7	MCU	7.92	1.87	1.25	0.237	1.498	6.330	1569.	38.	8.	763.8	27.1	1
1187	0	396	37.3444	88.0282	-561.5	MCU	6.74	3.36	0.98	0.499	3.449	6.911	1669.	45.	8.	763.8	27.1	1
1188	0	396	37.3439	88.0282	-562.2	MCU	7.86	1.77	1.23	0.225	1.435	6.372	1718.	28.	12.	761.8	27.1	1
1189	10	400	37.3434	88.0282	-560.7	MCU	8.82	1.38	1.27	0.0	0.0	6.962	1645.	36.	9.	761.8	27.2	1
1190	0	408	37.3428	88.0282	-560.5	MCU	7.58	2.40	1.18	0.316	2.027	6.413	1521.	41.	10.	763.8	27.2	1
1191	0	408	37.3422	88.0282	-562.5	MCU	6.64	1.71	1.20	0.258	1.429	5.536	1535.	27.	12.	763.8	27.1	1
1192	0	444	37.3416	88.0282	-562.7	MCU	7.49	1.86	1.16	0.249	1.599	6.426	1558.	33.	14.	762.3	27.1	1
1193	0	452	37.3410	88.0282	-561.7	MCU	8.30	3.68	0.77	0.444	4.809	10.831	1613.	40.	8.	761.2	27.1	1
1194	10	444	37.3405	88.0281	-561.2	MCU	7.12	1.36	1.05	0.0	0.0	6.773	1641.	30.	13.	761.2	27.1	1
1195	0	448	37.3399	88.0281	-562.0	MCU	9.08	3.22	1.09	0.355	2.967	8.360	1550.	37.	8.	761.2	27.1	1
1196	0	460	37.3394	88.0281	-562.2	MCU	7.51	2.81	1.04	0.375	2.715	7.248	1743.	39.	9.	760.7	27.1	1
1197	0	452	37.3388	88.0282	-563.5	MCU	8.67	3.04	1.08	0.351	2.816	8.032	1622.	47.	8.	761.8	27.1	1
1198	0	448	37.3382	88.0282	-564.2	MCU	5.87	4.01	1.08	0.684	3.711	5.427	1685.	36.	6.	761.2	27.0	1
1199	0	452	37.3377	88.0281	-563.5	MCU	6.29	3.94	1.09	0.627	3.627	5.781	1557.	44.	6.	760.2	27.0	1
1200	0	460	37.3371	88.0281	-563.5	MCU	7.28	3.98	1.15	0.547	3.464	6.333	1752.	41.	5.	761.8	26.9	1
1201	0	4[illegible]0	37.3365	88.0281	-563.7	MCU	6.65	3.98	1.29	0.599	3.094	5.166	1706.	40.	7.	762.8	26.9	1
1202	10	456	37.3359	88.0281	-563.0	MCU	8.70	0.36	1.28	0.0	0.0	6.777	1782.	37.	9.	761.2	26.9	1
1203	0	456	37.3354	88.0280	-562.7	MCU	7.90	1.90	1.21	0.240	1.561	6.505	1702.	38.	10.	761.2	26.9	1
1204	10	456	37.3349	88.0280	-562.0	MCU	8.62	1.50	1.15	0.0	0.0	7.481	1634.	49.	10.	762.3	26.9	1
1205	0	456	37.3343	88.0280	-563.5	MCU	8.08	3.25	1.41	0.402	2.312	5.749	1735.	33.	10.	761.2	26.9	1
1206	0	456	37.3337	88.0280	-563.7	MCU	6.83	2.61	1.02	0.381	2.557	6.708	1586.	49.	8.	760.2	26.9	1
1207	0	456	37.3331	88.0280	-562.2	MCU	5.13	2.76	1.26	0.539	2.202	4.088	1500.	45.	9.	761.8	26.9	1
1208	0	420	37.3326	88.0280	-562.5	MCU	4.36	2.33	0.87	0.533	2.668	5.005	1157.	41.	6.	761.8	26.9	1
1209	0	432	37.3320	88.0280	-562.2	MCL	4.65	1.59	0.70	0.341	2.253	6.598	1075.	32.	9.	761.2	26.9	1
1210	0	460	37.3315	88.0280	-563.0	MCL	3.46	2.59	0.47	0.746	5.541	7.426	1116.	28.	10.	762.3	26.9	1
1211	10	516	37.3309	88.0280	-562.5	MCL	5.54	0.97	0.68	0.0	0.0	8.143	1034.	27.	10.	761.8	26.9	1
1212	10	560	37.3303	88.0280	-562.7	MCL	3.68	1.13	0.77	0.0	0.0	4.768	1114.	46.	16.	760.7	26.9	1
1213	10	568	37.3297	88.0280	-563.0	MCL	4.18	1.80	0.89	0.0	0.0	4.698	1286.	38.	11.	761.8	26.9	1
1214	0	576	37.3292	88.0280	-562.0	MCL	5.70	2.64	0.62	0.462	4.225	9.139	1307.	45.	13.	762.3	26.9	1
1215	0	528	37.3286	88.0280	-563.0	MCL	3.91	2.55	0.84	0.653	3.043	4.660	1305.	40.	14.	761.2	26.9	1
1216	10	484	37.3280	88.0280	-562.7	MCL	5.65	1.55	0.74	0.0	0.0	7.633	1233.	35.	13.	761.2	27.0	1
1217	0	480	37.3274	88.0280	-562.7	MCL	6.13	2.80	0.62	0.457	4.486	9.821	1301.	39.	7.	762.3	27.0	1
1218	10	468	37.3269	88.0279	-564.0	MCL	6.25	1.37	0.57	0.0	0.0	10.885	1145.	38.	10.	761.8	27.1	1
1219	0	456	37.3264	88.0279	-563.5	MCL	4.99	3.25	0.59	0.651	5.526	8.482	1221.	43.	1.	759.7	27.1	1

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1220	10	456	37.3258	88.0279	-564.2	MCL	5.91	0.33	0.84	0.0	0.0	7.076	1194.	51.	10.	759.7	27.1	1
1221	0	452	37.3252	88.0280	-565.5	MCL	5.74	1.77	0.74	0.308	2.395	7.766	1273.	41.	4.	761.8	27.1	1
1222	10	456	37.3246	88.0279	-564.7	MCL	8.99	0.59	0.77	0.0	0.0	11.610	1374.	37.	6.	760.7	27.1	1
1223	0	452	37.3241	88.0279	-564.5	MCL	5.85	2.58	0.99	0.442	2.608	5.899	1416.	41.	3.	759.2	27.1	1
1224	0	452	37.3235	88.0279	-565.5	MCL	7.79	2.66	0.64	0.342	4.141	12.105	1494.	39.	4.	761.2	27.1	1
1225	0	456	37.3230	88.0279	-565.5	MCL	7.36	4.61	1.07	0.626	4.293	6.858	1535.	42.	0.	762.3	27.1	1
1226	0	456	37.3224	88.0279	-565.2	MCU	9.14	2.05	1.03	0.224	1.992	8.883	1514.	40.	4.	761.2	27.1	1
1227	0	444	37.3218	88.0279	-565.0	MCU	7.33	2.85	0.79	0.389	3.634	9.336	1471.	46.	5.	759.2	27.1	1
1228	0	432	37.3212	88.0279	-565.0	MCU	5.54	2.34	1.06	0.422	2.216	5.249	1467.	39.	6.	760.2	27.1	1
1229	10	420	37.3207	88.0279	-564.5	MCU	7.29	0.88	1.03	0.0	0.0	7.079	1274.	48.	4.	761.2	27.1	1
1230	0	400	37.3201	88.0279	-564.7	MCU	6.46	2.61	0.65	0.404	4.032	9.979	1154.	34.	3.	761.2	27.1	1
1231	0	444	37.3195	88.0279	-564.2	MCL	5.43	2.56	0.58	0.471	4.405	9.343	1193.	40.	5.	759.2	27.0	1
1232	0	484	37.3190	88.0278	-565.5	MCL	6.54	3.37	0.70	0.516	4.799	9.301	1176.	30.	4.	761.2	27.1	1
1233	0	512	37.3184	88.0278	-565.2	MCL	4.62	3.36	1.20	0.727	2.799	3.849	1290.	38.	5.	762.3	27.1	1
1234	0	544	37.3179	88.0279	-566.5	MCL	8.48	2.42	0.54	0.286	4.499	15.750	1384.	37.	5.	759.7	27.1	1
1235	0	524	37.3173	88.0279	-566.5	MCL	6.52	2.28	1.00	0.349	2.278	6.522	1590.	37.	10.	759.7	27.1	1
1236	0	504	37.3167	88.0278	-567.5	MCL	6.59	3.34	0.89	0.507	3.731	7.361	1653.	39.	7.	762.8	27.1	1
1237	0	488	37.3161	88.0278	-567.5	MCL	7.45	3.78	1.29	0.508	2.940	5.788	1631.	30.	7.	762.8	27.1	1
1238	0	480	37.3156	88.0278	-568.2	MCL	7.07	2.69	1.31	0.381	2.050	5.375	1610.	29.	8.	760.2	27.1	1
1239	0	448	37.3150	88.0278	-569.0	MCL	7.36	1.98	1.10	0.269	1.804	6.703	1500.	50.	6.	761.2	27.1	1
1240	0	428	37.3145	88.0278	-569.0	MCL	5.75	3.17	0.70	0.551	4.530	8.218	1407.	46.	5.	763.3	27.1	1
1241	0	416	37.3139	88.0278	-568.5	MCL	4.50	3.19	0.98	0.709	3.250	4.583	1476.	43.	6.	761.2	27.0	1
1242	0	400	37.3133	88.0278	-569.5	MCL	8.00	1.66	0.92	0.208	1.810	8.718	1433.	33.	4.	759.2	27.0	1
1243	0	412	37.3127	88.0278	-570.5	MCL	7.63	2.47	1.19	0.324	2.087	6.438	1580.	38.	1.	761.2	27.0	1
1244	0	424	37.3122	88.0278	-570.7	MCL	7.47	3.53	0.99	0.473	3.563	7.533	1663.	43.	4.	762.8	27.0	1
1245	0	440	37.3116	88.0278	-570.7	MCU	6.26	5.15	1.21	0.822	4.260	5.181	1690.	24.	1.	760.7	27.0	1
1246	0	448	37.3110	88.0277	-572.2	MCU	7.80	3.23	0.96	0.414	3.354	8.100	1563.	40.	8.	760.7	27.0	1
1247	10	460	37.3105	88.0277	-573.7	MCU	10.24	0.90	1.21	0.0	0.0	8.474	1559.	40.	8.	762.8	27.0	1
1248	0	476	37.3099	88.0278	-574.2	MCU	7.90	2.59	0.99	0.328	2.620	7.991	1616.	62.	9.	761.8	27.0	1
1249	10	480	37.3094	88.0278	-575.2	MCU	8.73	0.82	1.21	0.0	0.0	7.204	1677.	34.	8.	760.2	26.9	1
1250	0	476	37.3088	88.0277	-576.2	MCU	5.62	2.96	1.12	0.527	2.639	5.007	1609.	40.	10.	761.2	26.9	1
1251	0	460	37.3082	88.0277	-577.7	MCU	6.41	2.94	0.83	0.458	3.530	7.705	1546.	40.	11.	762.3	26.9	1
1252	10	436	37.3077	88.0277	-578.2	MCU	7.15	0.59	0.96	0.0	0.0	7.431	1395.	29.	7.	762.3	26.9	1
1253	10	440	37.3071	88.0277	-579.2	MCU	4.99	0.88	0.87	0.0	0.0	5.725	1349.	51.	7.	760.7	26.9	1
1254	0	476	37.3065	88.0277	-580.0	MCU	5.18	3.14	0.93	0.607	3.360	5.537	1569.	37.	3.	760.7	26.9	1
1255	0	508	37.3060	88.0277	-578.2	MCU	9.26	2.57	1.20	0.277	2.140	7.726	1634.	34.	3.	762.8	26.9	1
1256	0	488	37.3054	88.0277	-579.2	MCU	8.27	4.46	0.83	0.540	5.364	9.934	1554.	44.	0.	762.8	27.0	1
1257	0	488	37.3048	88.0277	-581.2	MCU	5.86	3.23	0.94	0.552	3.426	6.207	1551.	34.	3.	760.7	26.9	1
1258	0	492	37.3042	88.0277	-582.5	MCU	9.28	3.77	1.06	0.406	3.543	8.722	1648.	41.	1.	760.7	26.9	1
1259	0	488	37.3037	88.0277	-580.2	MCU	8.83	2.40	1.24	0.272	1.941	7.139	1701.	32.	7.	762.8	26.9	1
1260	0	484	37.3031	88.0276	-581.7	MCU	6.39	3.46	1.26	0.541	2.753	5.085	1594.	46.	1.	761.8	26.9	1
1261	0	488	37.3026	88.0277	-584.2	MCU	5.17	7.12	0.66	1.378	10.728	7.784	1650.	43.	4.	760.7	26.9	1
1262	0	464	37.3020	88.0277	-583.5	MCU	7.86	2.70	0.87	0.343	3.097	9.017	1590.	43.	5.	760.7	26.9	1
1263	0	448	37.3014	88.0277	-584.2	MCU	4.66	3.04	1.05	0.652	2.903	4.450	1504.	49.	7.	762.8	26.9	1
1264	10	476	37.3009	88.0277	-587.0	MCU	6.47	1.28	1.06	0.0	0.0	6.136	1657.	44.	6.	762.8	26.8	1
1265	0	488	37.3003	88.0276	-585.7	MCU	7.69	5.13	0.88	0.667	5.801	8.695	1652.	30.	2.	760.7	26.9	1
1266	0	492	37.2997	88.0276	-587.0	MCU	9.73	1.81	1.01	0.186	1.800	9.665	1593.	42.	6.	761.8	26.9	1
1267	0	496	37.2992	88.0276	-589.0	MCU	7.73	2.49	0.83	0.322	3.003	9.322	1525.	41.	4.	763.8	26.9	1
1268	0	500	37.2986	88.0276	-590.5	MCU	8.58	3.56	1.04	0.415	3.433	8.277	1570.	46.	5.	761.8	27.0	1
1269	0	500	37.2980	88.0275	-590.2	MCU	5.45	6.83	0.67	1.253	10.155	8.106	1539.	52.	4.	760.7	26.9	1
1270	0	488	37.2975	88.0275	-592.0	MCU	6.78	2.97	1.04	0.438	2.854	6.520	1504.	46.	5.	762.8	27.0	1
1271	0	484	37.2969	88.0275	-593.2	MCU	9.09	1.87	0.89	0.205	2.090	10.173	1512.	47.	6.	762.8	27.0	1
1272	0	484	37.2963	88.0276	-595.2	MCU	6.50	4.32	0.73	0.664	5.914	8.906	1555.	42.	9.	761.2	27.0	1

CP9 IP12

*	TAGS		* LOCATION		*		REDUCED DATA											*
* ID	QUAL	ALT	LAT	LONG	MAG	RK. UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1273	10	484	37.2958	88.0276	-595.7	MCU	5.27	1.53	1.44	0.0	0.0	3.649	1531.	46.	11.	761.8	27.0	1
1274	0	476	37.2952	88.0275	-596.5	MCU	8.28	2.15	1.06	0.259	2.023	7.799	1539.	39.	13.	763.8	27.0	1
1275	0	472	37.2946	88.0275	-597.2	MCU	7.74	3.90	0.81	0.503	4.811	9.559	1595.	49.	9.	762.8	27.0	1
1276	0	472	37.2941	88.0275	-599.0	MCU	8.31	2.54	0.92	0.305	2.743	8.982	1537.	33.	10.	761.8	27.0	1
1277	0	472	37.2935	88.0275	-600.7	MCU	6.78	3.39	1.09	0.500	3.108	6.215	1565.	35.	6.	762.8	27.1	1
1278	0	476	37.2930	88.0275	-603.5	MCU	6.57	2.25	0.89	0.342	2.539	7.424	1570.	44.	5.	763.8	27.1	1
1279	0	480	37.2924	88.0275	-603.2	MCU	5.55	2.91	1.09	0.525	2.667	5.080	1486.	36.	6.	762.8	27.1	1
1280	10	500	37.2918	88.0275	-605.2	MCU	7.20	1.41	1.04	0.0	0.0	6.940	1508.	44.	9.	761.8	27.2	1
1281	0	520	37.2912	88.0275	-607.2	MCU	8.88	3.15	1.13	0.354	2.794	7.883	1616.	34.	3.	762.8	27.2	1
1282	0	516	37.2907	88.0275	-608.0	MCU	6.43	2.46	1.14	0.383	2.167	5.656	1587.	40.	8.	764.3	27.1	1
1283	10	504	37.2901	88.0274	-608.7	MCU	5.95	0.83	1.16	0.0	0.0	5.119	1478.	44.	8.	763.3	27.1	1
1284	0	492	37.2896	88.0274	-609.7	MCU	7.95	4.66	0.87	0.586	5.343	9.121	1577.	29.	6.	762.3	27.2	1
1285	10	484	37.2890	88.0275	-610.5	MCU	8.35	0.61	1.00	0.0	0.0	8.391	1478.	49.	10.	763.3	27.2	1
1286	10	480	37.2884	88.0275	-612.5	MCU	6.56	0.56	1.04	0.0	0.0	6.303	1318.	41.	12.	764.9	27.2	1
1287	0	512	37.2879	88.0275	-613.2	MCU	6.91	2.21	1.20	0.320	1.850	5.776	1476.	38.	11.	763.3	27.2	1
1288	10	504	37.2873	88.0274	-614.2	MCU	7.72	0.57	1.25	0.0	0.0	6.192	1541.	55.	10.	761.8	27.2	1
1289	10	476	37.2867	88.0274	-616.7	MCU	7.00	1.15	1.21	0.0	0.0	5.765	1512.	42.	9.	762.8	27.2	1
1290	0	464	37.2862	88.0274	-618.5	MCU	7.40	1.77	1.19	0.239	1.486	6.216	1587.	44.	9.	763.8	27.2	1
1291	0	460	37.2856	88.0274	-619.2	MCU	6.98	2.40	0.99	0.344	2.439	7.090	1599.	38.	7.	762.8	27.3	1
1292	0	460	37.2850	88.0274	-618.2	MCU	6.63	1.64	1.15	0.247	1.423	5.770	1538.	34.	7.	761.8	27.3	1
1293	0	456	37.2844	88.0274	-620.2	MCU	9.64	3.82	0.83	0.397	4.594	11.575	1647.	27.	4.	763.3	27.3	1
1294	0	456	37.2839	88.0274	-625.2	MCU	7.45	3.70	1.00	0.497	3.692	7.423	1548.	33.	3.	763.3	27.3	1
1295	0	440	37.2833	88.0274	-625.7	MCU	6.88	2.21	1.25	0.321	1.768	5.504	1669.	40.	4.	761.2	27.3	1
1296	0	428	37.2827	88.0274	-626.7	MCU	8.15	4.20	1.09	0.516	3.845	7.455	1652.	38.	3.	762.3	27.4	1
1297	0	428	37.2822	88.0274	-630.2	MCU	6.32	2.48	1.20	0.393	2.077	5.285	1519.	31.	1.	763.3	27.4	1
1298	0	436	37.2816	88.0274	-630.7	MCU	6.85	4.09	1.19	0.597	3.420	5.732	1630.	40.	3.	761.2	27.4	1
1299	0	424	37.2811	88.0274	-632.0	MCU	6.05	4.23	1.10	0.699	3.831	5.482	1585.	36.	0.	761.2	27.4	1
1300	0	428	37.2805	88.0274	-635.2	MCU	8.85	2.56	1.01	0.289	2.544	8.792	1567.	48	2.	763.8	27.4	1
1301	0	448	37.2799	88.0274	-639.0	MCU	6.64	2.07	1.29	0.312	1.609	5.155	1558.	34.	5.	763.8	27.3	1
1302	0	460	37.2794	88.0274	-638.0	MCU	8.14	4.56	0.94	0.561	4.852	8.657	1636.	37.	5.	761.2	27.3	1
1303	0	452	37.2788	88.0275	-639.7	MCU	4.96	4.56	1.03	0.919	4.427	4.816	1669.	38.	9.	761.2	27.3	1
1304	0	440	37.2782	88.0275	-641.7	MCU	7.94	2.84	1.33	0.358	2.137	5.975	1704.	39.	10.	763.3	27.3	1
1305	0	424	37.2777	88.0275	-642.5	MCU	7.37	2.12	1.08	0.287	1.967	6.853	1630.	36.	9.	764.3	27.2	1
1306	0	428	37.2771	88.0275	-645.0	MCU	7.14	3.24	0.95	0.453	3.408	7.522	1620.	45.	10.	762.3	27.2	1
1307	0	440	37.2765	88.0275	-647.5	MCU	7.51	2.64	1.10	0.352	2.405	6.839	1698.	28.	11.	761.8	27.2	1
1308	0	432	37.2760	88.0275	-650.0	MCU	6.97	2.33	1.12	0.334	2.068	6.195	1620.	37.	11.	763.8	27.2	1
1309	0	424	37.2754	88.0275	-652.0	MCU	9.30	3.20	1.27	0.344	2.517	7.307	1726.	36.	7.	764.3	27.2	1
1310	0	412	37.2748	88.0275	-654.0	MCU	6.32	1.74	1.34	0.276	1.306	4.736	1669.	45.	10.	762.8	27.2	1
1311	0	396	37.2743	88.0275	-656.0	MCU	7.11	2.55	1.21	0.358	2.098	5.854	1682.	38.	6.	762.3	27.2	1
1312	0	392	37.2737	88.0275	-655.5	MCU	9.00	3.49	1.01	0.388	3.453	8.900	1612.	31.	0.	763.3	27.3	1
1313	0	380	37.2732	88.0275	-658.0	MCU	6.81	2.65	1.13	0.390	2.341	6.004	1558.	44.	1.	763.8	27.3	1
1314	0	368	37.2726	88.0275	-659.2	MCU	7.04	2.15	0.93	0.305	2.305	7.558	1353.	40.	1.	764.3	27.2	1
1315	0	376	37.2720	88.0275	-659.7	MCU	7.66	1.52	1.09	0.198	1.394	7.032	1522.	29.	4.	763.8	27.2	1
1316	0	376	37.2714	88.0275	-663.5	MCU	5.41	3.14	1.12	0.580	2.805	4.840	1537.	40.	1.	762.8	27.3	1
1317	0	372	37.2709	88.0277	-667.0	MCU	6.55	3.24	0.80	0.495	4.061	8.210	1442.	43.	2.	762.8	27.3	1
1318	0	360	37.2703	88.0277	-667.0	MCL	5.19	4.20	0.93	0.810	4.517	5.576	1552.	40.	4.	764.3	27.3	1
1319	0	360	37.2698	88.0277	-668.2	MCL	7.85	2.54	1.19	0.324	2.130	6.574	1564.	40.	4.	764.3	27.3	1
1320	0	368	37.2692	88.0277	-670.7	MCL	8.86	1.97	1.30	0.223	1.518	6.820	1690.	32.	5.	763.3	27.3	1
1321	0	372	37.2686	88.0277	-671.7	MCL	7.38	1.95	1.11	0.265	1.759	6.647	1568.	33.	8.	762.3	27.3	1
1322	0	376	37.2681	88.0277	-672.5	MCL	9.70	1.80	1.18	0.186	1.527	8.210	1618.	52.	8.	762.3	27.3	1
1323	10	376	37.2675	88.0277	-674.7	MCL	7.70	1.07	1.28	0.0	0.0	6.018	1670.	36.	9.	763.8	27.2	1
1324	0	360	37.2669	88.0277	-676.5	MCL	8.35	2.26	1.19	0.271	1.895	6.993	1694.	31.	6.	764.3	27.2	1
1325	0	336	37.2664	88.0277	-677.7	MCL	6.99	2.44	1.26	0.348	1.930	5.538	1600.	35.	4.	762.8	27.1	1

FLIGHT LINE 107 DAY 178 REDUCED DATA TEX-KENT 1979 PADUCAH PAGE NO 767

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1326	0	356	37.2658	88.0277	-679.0	MCL	7.69	2.65	1.23	0.345	2.155	6.253	1652.	37.	6.	760.7	27.2	1
1327	0	344	37.2652	88.0277	-682.0	MCL	8.54	2.19	1.18	0.256	1.850	7.215	1748.	36.	4.	761.8	27.1	1
1328	0	340	37.2647	88.0278	-684.2	MCL	10.01	3.19	0.90	0.319	3.549	11.133	1639.	35.	3.	763.8	27.1	1
1329	0	340	37.2641	88.0278	-685.7	MCL	8.77	2.14	1.15	0.244	1.861	7.624	1629.	48.	5.	762.8	27.1	1
1330	0	344	37.2635	88.0278	-688.0	MCL	7.40	3.72	1.40	0.503	2.659	5.288	1670.	48.	2.	760.7	27.1	1
1331	0	344	37.2629	88.0278	-690.2	MCU	8.37	1.34	1.20	0.160	1.120	6.991	1607.	47.	5.	761.2	27.1	1
1332	0	348	37.2624	88.0278	-693.5	MCU	8.19	3.07	1.47	0.375	2.094	5.581	1666.	54.	3.	762.3	27.1	1
1333	10	344	37.2619	88.0278	-694.7	MCU	7.37	1.27	1.30	0.0	0.0	5.689	1687.	53.	6.	762.8	27.0	1
1334	0	336	37.2613	88.0278	-697.0	MCU	6.87	3.13	1.20	0.456	2.608	5.720	1757.	46.	3.	762.8	27.0	1
1335	0	328	37.2607	88.0278	-697.2	MCU	10.43	2.21	1.09	0.212	2.018	9.533	1701.	32.	4.	761.8	26.9	1
1336	0	332	37.2601	88.0278	-700.0	MCU	6.50	1.60	1.07	0.246	1.490	6.058	1567.	41.	5.	760.7	26.9	1
1337	0	340	37.2596	88.0279	-702.7	MCU	7.30	3.82	1.09	0.524	3.496	6.674	1615.	36.	3.	761.8	26.8	1
1338	10	356	37.2590	88.0279	-703.2	MCU	8.94	1.40	0.97	0.0	0.0	9.207	1510.	55.	5.	762.8	26.8	1
1339	0	364	37.2585	88.0279	-705.5	MCU	5.75	3.84	1.05	0.668	3.656	5.474	1567.	48.	4.	763.8	26.8	1
1340	0	368	37.2579	88.0279	-708.0	MCU	4.72	2.50	1.04	0.531	2.406	4.535	1493.	51.	6.	763.8	26.8	1
1341	0	380	37.2573	88.0279	-710.0	MCL	7.38	1.88	1.20	0.255	1.571	6.168	1512.	43.	9.	762.8	26.8	1
1342	10	388	37.2567	88.0279	-711.2	MCL	5.65	0.99	1.21	0.0	0.0	4.681	1460.	38.	13.	762.8	26.8	1
1343	0	404	37.2562	88.0279	-713.7	MCL	6.60	1.69	1.16	0.255	1.456	5.705	1528.	40.	11.	761.8	26.8	1
1344	0	392	37.2556	88.0279	-716.2	MCL	8.37	3.18	1.26	0.380	2.531	6.658	1706.	31.	11.	761.2	26.8	1
1345	0	368	37.2551	88.0279	-716.5	MCL	8.12	1.71	0.86	0.210	1.995	9.487	1493.	39.	14.	763.3	26.8	1
1346	0	364	37.2545	88.0279	-719.5	MCL	6.48	2.79	0.95	0.431	2.931	6.807	1526.	32.	12.	764.9	26.8	1
1347	0	324	37.2539	88.0280	-722.2	MCL	5.78	2.41	0.83	0.417	2.906	6.964	1347.	41.	11.	764.9	26.8	1
1348	0	300	37.2534	88.0280	-723.7	MCL	6.05	2.29	0.70	0.379	3.266	8.615	1264.	28.	7.	763.8	26.9	1
1349	0	304	37.2528	88.0280	-725.2	MCL	5.31	2.33	0.64	0.438	3.649	8.339	1165.	49.	9.	762.8	26.9	1
1350	10	320	37.2522	88.0280	-727.5	MCL	7.03	0.22	0.64	0.0	0.0	10.907	1142.	42.	7.	762.8	27.0	1
1351	0	340	37.2516	88.0280	-729.5	MCU	5.17	1.46	0.81	0.284	1.800	6.348	1173.	39.	7.	763.8	27.0	1
1352	0	360	37.2511	88.0280	-731.2	MCU	6.88	1.41	0.85	0.205	1.659	8.093	1366.	38.	5.	763.8	27.0	1
1353	0	416	37.2505	88.0280	-733.7	MCU	4.34	2.20	1.33	0.507	1.653	3.263	1438.	48.	9.	764.3	27.1	1
1354	0	436	37.2500	88.0280	-736.5	MCU	5.28	4.75	1.10	0.900	4.336	4.817	1621.	40.	4.	763.8	27.1	1
1355	0	428	37.2494	88.0280	-737.0	MCU	8.11	2.43	1.09	0.299	2.228	7.455	1606.	39.	8.	762.8	27.0	1
1356	0	436	37.2488	88.0281	-738.5	MCU	6.77	2.92	1.22	0.431	2.391	5.544	1622.	41.	6.	763.8	27.0	1
1357	0	452	37.2482	88.0281	-741.2	MCU	8.67	1.98	1.11	0.229	1.780	7.787	1569.	31.	6.	764.3	27.0	1
1358	10	460	37.2477	88.0282	-742.2	MCU	8.34	1.17	1.29	0.0	0.0	6.443	1573.	31.	11.	764.3	27.0	1
1359	0	464	37.2472	88.0282	-744.5	MCU	5.95	2.88	0.90	0.485	3.199	6.598	1538.	40.	12.	764.3	27.0	1
1360	0	468	37.2466	88.0282	-747.2	MCU	8.26	3.51	0.54	0.425	6.479	15.237	1468.	47.	6.	763.8	27.0	1
1361	0	416	37.2460	88.0282	-748.2	MCU	7.26	2.91	0.76	0.400	3.840	9.591	1378.	41.	6.	762.8	27.0	1
1362	0	388	37.2454	88.0282	-750.5	MCU	5.99	2.26	0.90	0.377	2.507	6.643	1392.	40.	8.	762.8	27.0	1
1363	0	424	37.2449	88.0282	-752.5	MCU	7.94	1.66	1.33	0.209	1.252	5.991	1569.	31.	10.	763.8	27.0	1
1364	10	440	37.2443	88.0282	-754.7	MCU	8.22	1.40	1.23	0.0	0.0	6.683	1550.	30.	9.	764.3	27.0	1
1365	10	452	37.2437	88.0282	-757.0	MCU	10.04	1.60	0.97	0.0	0.0	10.397	1566.	40.	11.	764.3	27.0	1
1366	10	464	37.2432	88.0282	-759.0	MCU	9.76	0.70	1.33	0.0	0.0	7.323	1620.	45.	7.	764.3	27.0	1
1367	10	472	37.2426	88.0282	-759.5	MCU	8.33	0.01	1.19	0.0	0.0	7.000	1586.	42.	12.	763.8	27.0	1
1368	0	476	37.2421	88.0282	-762.0	MCU	6.01	2.95	1.25	0.491	2.354	4.797	1633.	39.	5.	763.8	27.0	1
1369	10	484	37.2415	88.0282	-763.2	MCU	8.34	1.36	1.12	0.0	0.0	7.463	1580.	39.	8.	762.8	27.0	1
1370	0	488	37.2409	88.0282	-765.7	MCU	6.34	2.06	1.28	0.325	1.607	4.940	1611.	30.	10.	762.8	27.0	1
1371	0	488	37.2403	88.0282	-767.7	MCU	6.38	2.84	1.17	0.445	2.423	5.445	1593.	48.	10.	764.3	27.0	1
1372	0	492	37.2397	88.0283	-769.2	MCU	9.21	2.92	1.09	0.317	2.681	8.461	1590.	39.	7.	764.9	27.0	1
1373	0	488	37.2392	88.0283	-771.0	MCU	6.04	2.76	1.09	0.457	2.536	5.550	1519.	49.	8.	764.9	27.0	1
1374	0	472	37.2387	88.0283	-773.0	MCU	6.42	4.38	0.88	0.681	4.948	7.265	1591.	43.	4.	764.9	27.0	1
1375	0	468	37.2381	88.0283	-775.2	MCU	7.12	2.79	1.19	0.392	2.345	5.988	1639.	34.	10.	764.3	26.9	1
1376	0	472	37.2375	88.0283	-776.5	MCU	8.87	3.13	1.10	0.353	2.850	8.073	1674.	32.	8.	763.8	27.0	1
1377	0	476	37.2369	88.0284	-778.7	MCU	7.36	2.64	0.95	0.358	2.767	7.724	1589.	37.	9.	763.8	27.0	1
1378	0	472	37.2364	88.0284	-781.0	MCU	6.51	3.94	0.86	0.606	4.576	7.551	1626.	39.	9.	763.8	27.0	1

CP9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1379	0	460	37.2359	88.0284	-782.5	MCU	5.78	2.84	1.20	0.491	2.377	4.836	1566.	41.	6.	763.8	27.0	1
1380	0	452	37.2353	88.0284	-783.7	MCU	9.30	1.75	1.14	0.188	1.532	8.147	1621.	39.	9.	765.4	27.0	1
1381	0	444	37.2347	88.0284	-784.7	MCU	6.70	3.29	1.10	0.491	2.984	6.082	1611.	35.	3.	765.4	27.0	1
1382	0	444	37.2341	88.0284	-786.2	MCU	9.35	2.12	1.27	0.227	1.667	7.337	1641.	38.	5.	765.4	27.0	1
1383	0	444	37.2336	88.0284	-788.2	MCU	8.42	3.06	1.21	0.363	2.524	6.954	1678.	41.	5.	764.3	27.0	1
1384	0	448	37.2330	88.0284	-790.0	MCU	7.52	3.18	1.10	0.423	2.907	6.870	1620.	41.	8.	763.8	27.0	1
1385	0	456	37.2324	88.0284	-792.2	MCU	5.34	2.93	0.91	0.548	3.210	5.853	1486.	52.	6.	763.8	27.0	1
1386	0	460	37.2319	88.0284	-794.0	MCU	6.85	3.63	0.66	0.530	5.513	10.394	1484.	41.	8.	764.3	27.1	1
1387	10	456	37.2313	88.0284	-795.0	MCU	6.33	0.79	0.74	0.0	0.0	8.536	1458.	40.	14.	765.4	27.1	1
1388	0	452	37.2307	88.0284	-796.7	MCU	7.34	3.17	0.79	0.432	3.988	9.238	1494.	34.	12.	765.9	27.1	1
1389	0	448	37.2302	88.0284	-799.5	MCU	7.78	2.35	0.77	0.301	3.028	10.048	1532.	44.	11.	764.9	27.0	1
1390	10	444	37.2296	88.0284	-802.2	MCU	8.24	1.09	0.95	0.0	0.0	8.703	1536.	45.	14.	764.3	27.1	1
1391	0	440	37.2290	88.0285	-803.0	MCU	6.56	2.65	0.92	0.405	2.894	7.151	1468.	56.	14.	763.8	27.1	1
1392	10	436	37.2284	88.0285	-804.0	MCU	7.78	1.68	1.03	0.0	0.0	7.559	1621.	32.	14.	763.8	27.1	1
1393	0	428	37.2279	88.0285	-806.5	MCU	6.96	1.73	1.17	0.249	1.479	5.939	1546.	42.	16.	765.4	27.0	1
1394	0	420	37.2274	88.0285	-808.0	MCU	5.59	3.52	1.08	0.629	3.258	5.182	1594.	35.	10.	766.4	27.1	1
1395	0	412	37.2268	88.0285	-809.5	MCU	7.15	1.94	1.09	0.271	1.782	6.566	1575.	32.	9.	765.4	27.1	1
1396	0	404	37.2262	88.0286	-810.5	MCU	7.86	3.28	1.11	0.418	2.963	7.093	1613.	30.	10.	764.3	27.1	1
1397	0	404	37.2256	88.0286	-811.2	MCU	8.64	3.60	0.97	0.417	3.697	8.876	1646.	49.	6.	764.3	27.1	1
1398	0	396	37.2251	88.0286	-814.0	MCU	8.53	1.46	1.37	0.171	1.067	6.234	1654.	28.	6.	763.8	27.1	1
1399	0	392	37.2245	88.0286	-816.5	MCU	8.33	4.16	0.96	0.500	4.355	8.717	1637.	40.	3.	763.8	27.1	1
1400	0	400	37.2240	88.0286	-818.0	MCU	9.27	2.67	1.11	0.287	2.407	8.373	1537.	44.	3.	764.9	27.1	1
1401	0	412	37.2234	88.0286	-817.2	MCU	7.11	3.60	1.04	0.506	3.475	6.867	1665.	41.	3.	765.9	27.1	1
1402	0	416	37.2228	88.0287	-820.2	MCU	7.50	2.65	0.98	0.354	2.714	7.673	1616.	45.	8.	765.9	27.1	1
1403	0	420	37.2222	88.0287	-821.2	MCU	6.72	3.59	0.97	0.534	3.695	6.923	1592.	32.	4.	764.9	27.1	1
1404	0	424	37.2217	88.0287	-821.7	MCU	6.08	2.55	1.17	0.419	2.183	5.215	1680.	46.	7.	764.3	27.2	1
1405	0	432	37.2211	88.0287	-823.7	MCU	6.53	4.96	0.80	0.759	6.208	8.178	1606.	41.	8.	763.8	27.2	1
1406	0	444	37.2205	88.0287	-826.2	MCU	6.54	1.86	1.20	0.285	1.551	5.447	1546.	51.	10.	762.8	27.2	1
1407	0	444	37.2200	88.0287	-827.5	MCU	8.85	2.00	1.08	0.226	1.855	8.207	1653.	37.	10.	762.8	27.2	1
1408	0	444	37.2194	88.0287	-827.7	MCU	6.97	1.64	1.05	0.236	1.570	6.665	1487.	32.	8.	763.8	27.2	1
1409	0	432	37.2189	88.0287	-829.5	MCU	6.55	1.67	1.04	0.255	1.606	6.302	1469.	30.	8.	764.3	27.4	1
1410	0	412	37.2183	88.0287	-830.7	MCU	5.84	2.10	0.68	0.359	3.071	8.556	1205.	38.	3.	765.4	27.4	1
1411	0	408	37.2177	88.0287	-831.2	MCU	4.41	3.00	0.38	0.679	7.951	11.707	1070.	37.	6.	765.4	27.4	1
1412	0	448	37.2171	88.0287	-833.5	MCU	5.72	1.96	0.84	0.343	2.346	6.842	1107.	39.	5.	764.3	27.4	1
1413	10	480	37.2166	88.0287	-834.7	MCL	6.48	1.48	0.83	0.0	0.0	7.769	1241.	37.	6.	763.8	27.3	1
1414	0	548	37.2160	88.0287	-834.5	MCL	6.37	2.16	1.04	0.339	2.069	6.111	1491.	30.	4.	763.8	27.3	1
1415	10	552	37.2155	88.0288	-836.7	MCL	7.31	1.38	1.28	0.0	0.0	5.722	1531.	41.	1.	761.8	27.3	1
1416	10	536	37.2149	88.0288	-838.5	MCL	8.04	0.41	1.31	0.0	0.0	6.148	1502.	41.	8.	762.8	27.3	1
1417	0	524	37.2143	88.0288	-838.5	MCL	6.90	3.56	1.03	0.516	3.476	6.731	1570.	36.	6.	763.8	27.2	1
1418	10	512	37.2138	88.0288	-840.2	MM	8.75	1.01	1.73	0.0	0.0	5.074	1736.	42.	6.	762.8	27.2	1
1419	0	508	37.2132	88.0288	-841.2	MM	8.21	3.48	1.30	0.425	2.675	6.301	1678.	47.	4.	763.8	27.2	1
1420	0	516	37.2127	88.0288	-842.7	MM	6.74	2.39	1.06	0.355	2.252	6.338	1747.	34.	11.	765.4	27.2	1
1421	10	524	37.2121	88.0289	-844.5	MM	8.66	1.30	1.50	0.0	0.0	5.776	1787.	31.	6.	765.4	27.2	1
1422	0	524	37.2115	88.0289	-845.2	MM	7.84	2.48	1.07	0.317	2.312	7.302	1674.	37.	10.	765.4	27.2	1
1423	10	520	37.2109	88.0289	-846.0	MM	7.90	1.45	1.34	0.0	0.0	5.909	1672.	35.	12.	766.4	27.2	1
1424	0	512	37.2104	88.0289	-845.5	MM	8.15	3.56	1.05	0.436	3.388	7.771	1726.	43.	15.	766.4	27.2	1
1425	0	516	37.2098	88.0289	-846.0	MM	6.38	3.42	0.99	0.537	3.472	6.468	1694.	44.	15.	764.3	27.1	1
1426	10	508	37.2092	88.0289	-846.5	MM	6.64	0.97	1.37	0.0	0.0	4.854	1661.	42.	20.	763.8	27.2	1
1427	0	496	37.2087	88.0289	-848.0	MM	6.04	2.20	1.22	0.364	1.795	4.932	1665.	39.	16.	764.3	27.2	1
1428	0	492	37.2081	88.0289	-848.2	MM	7.08	2.15	1.33	0.303	1.609	5.307	1732.	43.	15.	764.3	27.3	1
1429	10	484	37.2076	88.0289	-849.2	MM	9.06	0.27	1.26	0.0	0.0	7.201	1770.	39.	16.	764.3	27.2	1
1430	0	468	37.2070	88.0289	-851.0	MM	7.13	1.97	1.52	0.277	1.298	4.686	1817.	37.	13.	763.8	27.2	1
1431	0	468	37.2064	88.0289	-850.2	MM	6.43	2.59	1.40	0.403	1.853	4.594	1689.	52.	10.	764.3	27.2	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1432	0	460	37.2058	88.0289	-851.2	MM	8.96	2.91	1.61	0.325	1.815	5.579	1790.	42.	9.	764.3	27.2	1
1433	0	448	37.2052	88.0289	-853.2	MM	9.52	3.13	1.26	0.329	2.487	7.562	1772.	29.	7.	764.3	27.2	1
1434	0	440	37.2047	88.0290	-853.7	MM	8.90	2.66	1.20	0.299	2.219	7.425	1781.	39.	8.	764.3	27.2	1
1435	0	436	37.2042	88.0290	-854.5	MM	8.12	3.28	1.09	0.403	3.014	7.473	1720.	41.	7.	764.3	27.2	1
1436	0	436	37.2036	88.0290	-856.5	MM	7.17	3.07	1.42	0.428	2.163	5.059	1755.	37.	7.	764.9	27.2	1
1437	0	440	37.2030	88.0290	-858.0	MM	9.16	4.59	0.86	0.501	5.345	10.662	1808.	44.	6.	765.9	27.2	1
1438	0	440	37.2024	88.0290	-858.0	MM	10.47	2.36	1.20	0.225	1.965	8.731	1748.	41.	6.	766.4	27.2	1
1439	0	436	37.2019	88.0291	-858.7	MM	5.22	5.19	1.10	0.993	4.723	4.758	1680.	41.	6.	765.4	27.2	1
1440	0	432	37.2013	88.0291	-859.2	MM	7.22	3.33	0.83	0.461	4.012	8.694	1728.	32.	6.	765.4	27.2	1
1441	0	440	37.2008	88.0291	-859.2	MM	10.29	3.06	1.29	0.297	2.379	8.004	1729.	52.	9.	766.4	27.2	1
1442	0	460	37.2002	88.0291	-860.7	MM	7.37	3.29	1.12	0.447	2.933	6.560	1726.	34.	9.	766.4	27.2	1
1443	0	472	37.1996	88.0291	-861.5	MM	6.97	1.70	1.28	0.245	1.331	5.440	1676.	33.	10.	765.4	27.2	1
1444	0	480	37.1991	88.0291	-862.0	MM	6.20	2.88	1.28	0.464	2.238	4.825	1677.	47.	6.	765.4	27.2	1
1445	0	480	37.1985	88.0291	-861.5	MM	7.93	3.25	1.31	0.411	2.486	6.055	1679.	33.	11.	765.4	27.2	1
1446	0	476	37.1979	88.0291	-863.0	MM	7.93	2.12	1.21	0.267	1.750	6.553	1617.	23.	11.	764.3	27.3	1
1447	0	472	37.1974	88.0291	-862.5	MM	6.82	3.08	1.30	0.452	2.362	5.227	1713.	36.	10.	765.4	27.3	1
1448	0	476	37.1968	88.0291	-864.0	MM	8.52	2.15	1.09	0.252	1.974	7.826	1745.	38.	12.	765.4	27.3	1
1449	0	476	37.1963	88.0291	-865.0	MM	7.65	3.09	1.13	0.404	2.724	6.746	1748.	38.	9.	765.4	27.4	1
1450	0	480	37.1957	88.0291	-863.5	MM	8.71	1.99	1.33	0.228	1.489	6.525	1728.	33.	9.	765.4	27.5	1
1451	0	488	37.1951	88.0291	-863.5	MM	8.69	5.05	0.80	0.581	6.279	10.806	1777.	37.	9.	765.4	27.5	1
1452	0	476	37.1945	88.0291	-864.5	MM	8.64	2.07	1.12	0.240	1.842	7.684	1738.	41.	10.	765.4	27.5	1
1453	10	472	37.1940	88.0292	-865.2	MM	7.97	1.29	1.34	0.0	0.0	5.946	1682.	32.	13.	765.4	27.5	1
1454	0	472	37.1934	88.0292	-865.5	MM	7.08	3.78	1.00	0.534	3.799	7.113	1714.	44.	10.	765.4	27.4	1
1455	0	476	37.1928	88.0292	-866.0	MM	6.98	1.92	1.27	0.275	1.515	5.512	1701.	41.	13.	764.3	27.4	1
1456	0	476	37.1922	88.0292	-865.7	MM	11.09	2.26	1.05	0.204	2.149	10.539	1713.	53.	12.	764.9	27.4	1
1457	10	476	37.1916	88.0291	-865.7	MM	9.13	1.71	1.14	0.0	0.0	8.043	1681.	35.	11.	765.9	27.4	1
1458	10	472	37.1910	88.0291	-867.0	MM	8.03	1.39	1.49	0.0	0.0	5.378	1754.	31.	12.	764.9	27.4	1
1459	0	472	37.1905	88.0291	-866.5	MM	7.87	3.84	1.34	0.487	2.858	5.865	1777.	52.	7.	764.9	27.4	1
1460	0	464	37.1898	88.0291	-866.5	MM	6.75	4.90	1.06	0.725	4.611	6.359	1730.	50.	7.	765.4	27.4	1
1461	0	464	37.1892	88.0291	-866.2	MM	8.47	4.05	1.09	0.479	3.729	7.793	1765.	35.	5.	764.3	27.4	1
1462	10	468	37.1887	88.0290	-866.5	MM	7.05	1.29	1.58	0.0	0.0	4.465	1713.	50.	9.	764.3	27.5	1
1463	0	476	37.1880	88.0290	-867.2	MM	6.41	4.88	1.14	0.762	4.292	5.633	1665.	37.	6.	765.4	27.5	1
1464	0	480	37.1875	88.0290	-867.5	MM	6.97	3.44	1.26	0.494	2.729	5.529	1727.	47.	7.	765.4	27.5	1
1465	0	472	37.1869	88.0290	-866.7	MM	6.71	2.46	1.44	0.366	1.712	4.673	1562.	42.	8.	765.4	27.5	1
1466	0	464	37.1863	88.0289	-864.2	MM	7.51	1.98	1.16	0.264	1.717	6.500	1619.	33.	6.	765.4	27.4	1
1467	0	460	37.1857	88.0289	-865.5	MM	7.94	3.67	1.10	0.462	3.348	7.248	1762.	37.	2.	764.3	27.4	1
1468	10	456	37.1851	88.0289	-866.0	MM	7.45	1.40	1.25	0.0	0.0	5.956	1648.	43.	7.	765.4	27.4	1
1469	0	448	37.1845	88.0289	-865.5	MM	6.92	4.24	1.06	0.613	4.015	6.546	1668.	37.	6.	765.4	27.4	1
1470	0	444	37.1839	88.0289	-864.5	MM	5.13	4.65	1.22	0.906	3.804	4.197	1616.	48.	9.	764.3	27.4	1
1471	0	440	37.1833	88.0288	-865.7	MM	9.51	3.45	1.06	0.363	3.269	9.000	1720.	36.	8.	764.3	27.5	1
1472	0	440	37.1827	88.0288	-864.0	MM	6.31	2.37	1.21	0.376	1.969	5.239	1673.	43.	10.	766.4	27.5	1
1473	0	432	37.1821	88.0288	-862.2	MM	8.66	2.94	1.35	0.340	2.178	6.406	1674.	29.	6.	765.9	27.4	1
1474	10	428	37.1815	88.0288	-863.7	MM	6.68	1.44	1.21	0.0	0.0	5.529	1642.	44.	11.	764.9	27.4	1
1475	0	416	37.1809	88.0288	-862.0	MM	7.68	2.05	1.32	0.267	1.549	5.798	1669.	37.	12.	765.9	27.4	1
1476	10	408	37.1804	88.0287	-860.5	MM	8.62	1.43	1.46	0.0	0.0	5.886	1595.	46.	10.	765.9	27.4	1
1477	0	392	37.1798	88.0287	-863.2	MM	7.11	2.16	1.17	0.304	1.852	6.090	1566.	37.	6.	764.9	27.3	1
1478	0	352	37.1792	88.0287	-865.7	MM	6.19	3.49	0.77	0.564	4.563	8.092	1419.	47.	7.	764.3	27.4	1
1479	0	404	37.1786	88.0287	-864.2	MM	8.16	2.97	0.97	0.364	3.049	8.383	1567.	31.	7.	764.3	27.4	1
1480	0	420	37.1780	88.0287	-865.2	MM	7.14	2.44	1.13	0.342	2.155	6.294	1558.	51.	5.	764.9	27.4	1
1481	0	420	37.1774	88.0286	-864.7	MM	7.13	1.49	1.04	0.209	1.431	6.840	1408.	40.	7.	764.9	27.4	1
1482	0	420	37.1768	88.0287	-863.7	MM	4.76	3.46	0.76	0.727	4.544	6.248	1256.	38.	5.	763.3	27.3	1
1483	10	440	37.1762	88.0285	-861.2	MM	5.42	1.33	0.65	0.0	0.0	8.287	1143.	37.	5.	763.3	27.3	1
1484	0	408	37.1756	88.0286	-860.2	MM	5.75	2.21	0.75	0.385	2.961	7.692	1170.	26.	4.	764.3	27.3	1

CP 9 IP 12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1485	0	412	37.1750	88.0285	-860.7	MM	5.46	2.19	0.89	0.401	2.444	6.099	1276.	37.	5.	763.8	27.3	1
1486	0	388	37.1744	88.0285	-859.2	MM	6.08	3.33	0.88	0.547	3.762	6.874	1384.	41.	4.	762.8	27.4	1
1487	0	416	37.1738	88.0285	-858.7	MM	5.64	2.13	1.17	0.377	1.817	4.820	1542.	44.	6.	762.8	27.4	1
1488	0	436	37.1732	88.0285	-858.7	MM	9.21	3.66	0.99	0.398	3.713	9.333	1657.	46.	4.	763.8	27.5	1
1489	0	440	37.1726	88.0285	-858.0	MM	8.13	3.17	1.13	0.390	2.799	7.176	1796.	34.	1.	763.3	27.5	1
1490	0	452	37.1720	88.0284	-857.0	MM	6.37	4.47	0.92	0.702	4.838	6.895	1769.	48.	4.	762.3	27.6	1
1491	0	472	37.1715	88.0284	-856.7	MM	7.29	3.22	1.22	0.441	2.635	5.970	1739.	43.	6.	763.3	27.7	1
1492	0	488	37.1708	88.0284	-854.2	MM	4.91	2.75	1.38	0.561	1.999	3.562	1785.	33.	10.	763.8	27.8	1
1493	10	500	37.1702	88.0284	-854.2	MM	8.59	1.02	1.16	0.0	0.0	7.387	1729.	45.	11.	762.8	27.7	1
1494	0	516	37.1697	88.0284	-855.0	MM	7.09	2.06	1.47	0.290	1.396	4.817	1870.	42.	9.	762.8	27.7	1
1495	0	524	37.1691	88.0283	-851.5	MM	7.84	2.62	1.37	0.334	1.917	5.733	1875.	37.	8.	762.8	27.6	1
1496	10	528	37.1685	88.0283	-851.7	MM	12.21	1.27	1.41	0.0	0.0	8.658	1819.	40.	8.	762.8	27.6	1
1497	10	532	37.1679	88.0283	-851.7	MM	9.75	1.67	1.38	0.0	0.0	7.049	1756.	40.	7.	762.8	27.6	1
1498	0	532	37.1673	88.0283	-850.2	MM	5.86	3.35	1.41	0.572	2.383	4.170	1803.	47.	3.	763.3	27.5	1
1499	0	528	37.1667	88.0282	-850.5	MM	7.25	3.81	1.40	0.526	2.718	5.171	1725.	40.	3.	764.3	27.3	1
1500	0	524	37.1661	88.0282	-849.0	MM	8.02	2.69	1.36	0.335	1.983	5.916	1772.	30.	5.	763.8	27.5	1
1501	0	524	37.1655	88.0282	-847.0	MM	8.63	3.29	1.35	0.381	2.431	6.384	1696.	35.	0.	763.3	27.5	1
1502	0	516	37.1649	88.0282	-847.2	MM	9.08	2.49	1.16	0.274	2.152	7.855	1737.	42.	1.	763.3	27.6	1
1503	0	520	37.1643	88.0282	-847.5	MM	7.79	4.49	1.22	0.577	3.676	6.368	1840.	41.	1.	763.8	27.6	1
1504	0	524	37.1637	88.0281	-846.5	MM	6.94	3.47	1.56	0.499	2.216	4.440	1780.	39.	0.	764.3	27.6	1
1505	0	524	37.1631	88.0281	-846.0	MM	7.61	2.42	1.51	0.318	1.601	5.035	1654.	48.	3.	764.3	27.5	1
1506	0	516	37.1626	88.0281	-843.7	MM	7.83	3.42	1.45	0.436	2.361	5.411	1752.	40.	3.	764.3	27.5	1
1507	0	516	37.1619	88.0280	-841.7	MM	8.11	3.39	1.56	0.418	2.170	5.191	1702.	35.	2.	764.9	27.6	1
1508	10	520	37.1613	88.0280	-841.5	MM	7.66	0.31	1.53	0.0	0.0	5.013	1656.	41.	10.	764.9	27.6	1
1509	0	524	37.1608	88.0280	-841.2	MM	5.82	2.66	1.55	0.458	1.718	3.752	1724.	39.	9.	764.9	27.6	1
1510	0	528	37.1602	88.0280	-840.7	MM	8.31	4.10	1.19	0.493	3.456	7.006	1714.	52.	6.	765.4	27.7	1
1511	0	524	37.1596	88.0279	-840.0	MM	8.46	2.53	1.54	0.299	1.645	5.496	1829.	34.	7.	765.4	27.7	1
1512	0	528	37.1589	88.0279	-839.5	MM	7.86	3.76	1.44	0.478	2.606	5.455	1756.	37.	3.	764.3	27.7	1
1513	0	524	37.1584	88.0279	-837.2	MM	7.23	4.07	1.40	0.563	2.907	5.165	1745.	43.	6.	764.3	27.7	1
1514	0	520	37.1578	88.0279	-835.7	MM	8.29	3.80	1.53	0.459	2.492	5.431	1725.	37.	4.	764.3	27.7	1
1515	0	516	37.1572	88.0279	-834.2	MM	8.00	2.67	1.25	0.333	2.126	6.386	1718.	34.	3.	764.3	27.8	1
1516	0	520	37.1566	88.0278	-835.5	MM	5.72	4.03	1.37	0.704	2.941	4.181	1758.	46.	2.	764.3	27.7	1
1517	0	524	37.1560	88.0278	-834.7	MM	5.83	2.98	1.39	0.511	2.151	4.208	1730.	39.	3.	762.8	27.7	1
1518	0	524	37.1554	88.0278	-834.0	MM	8.20	4.21	1.24	0.514	3.395	6.606	1690.	48.	0.	762.8	27.7	1
1519	0	520	37.1548	88.0278	-834.2	MM	6.81	4.13	1.22	0.606	3.392	5.597	1640.	37.	1.	762.8	27.7	1
1520	0	512	37.1542	88.0278	-832.7	MM	8.53	2.00	1.47	0.234	1.363	5.815	1719.	41.	5.	762.8	27.7	1
1521	0	504	37.1536	88.0277	-830.7	MM	6.80	3.79	1.55	0.557	2.437	4.373	1737.	46.	0.	762.8	27.7	1
1522	0	492	37.1530	88.0277	-830.7	MM	6.33	4.55	1.06	0.718	4.311	6.003	1684.	42.	2.	762.8	27.8	1
1523	0	496	37.1524	88.0277	-830.2	MM	7.68	3.90	1.31	0.508	2.980	5.866	1733.	47.	4.	763.8	27.9	1
1524	0	504	37.1518	88.0277	-829.7	MM	5.65	3.88	1.13	0.686	3.435	5.005	1703.	54.	9.	765.4	28.0	1
1525	0	516	37.1512	88.0277	-828.2	MM	6.10	4.05	1.13	0.664	3.590	5.408	1784.	37.	7.	765.4	28.0	1
1526	0	532	37.1507	88.0276	-827.5	MM	8.49	2.17	1.40	0.255	1.550	6.069	1761.	31.	7.	765.4	28.0	1
1527	0	540	37.1500	88.0277	-827.2	MM	5.98	2.16	1.04	0.360	2.070	5.741	1597.	52.	12.	764.3	28.0	1
1528	0	540	37.1495	88.0275	-828.0	MM	8.07	3.15	1.35	0.390	2.340	5.996	1714.	43.	8.	764.3	28.0	1
1529	0	544	37.1489	88.0276	-826.0	MM	6.47	3.36	1.17	0.520	2.866	5.512	1698.	40.	10.	763.8	28.0	1
1530	10	548	37.1483	88.0275	-825.0	MM	10.06	1.28	1.50	0.0	0.0	6.716	1750.	44.	13.	762.8	27.9	1
1531	0	544	37.1477	88.0275	-824.5	MM	8.82	3.33	1.47	0.378	2.266	6.000	1809.	28.	9.	762.8	27.9	1
1532	0	544	37.1471	88.0275	-823.0	MM	7.61	2.55	1.33	0.335	1.915	5.715	1724.	35.	8.	762.8	27.9	1
1533	10	544	37.1465	88.0275	-822.0	MM	10.51	-0.34	1.46	0.0	0.0	7.201	1744.	36.	11.	762.8	27.9	1
1534	0	544	37.1459	88.0275	-822.7	MM	8.12	2.90	1.26	0.358	2.304	6.442	1606.	49.	7.	762.8	27.9	1
1535	0	536	37.1453	88.0274	-824.5	MM	4.80	2.22	1.57	0.462	1.410	3.050	1734.	41.	10.	761.8	27.9	1
1536	0	520	37.1447	88.0274	-823.5	MM	8.11	3.07	1.31	0.379	2.340	6.174	1741.	38.	3.	761.8	27.9	1
1537	0	508	37.1441	88.0274	-823.0	MM	8.96	2.30	1.20	0.257	1.911	7.441	1653.	54.	4.	762.3	27.9	1

CP9 IP12

FLIGHT LINE 107 DAY 178 REDUCED DATA TEX-KENT 1979 PADUCAH PAGE NO 771

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1538	0	504	37.1436	88.0274	-822.7	MM	8.72	3.44	1.23	0.394	2.793	7.088	1657.	44.	3.	762.3	28.0	1
1539	0	504	37.1429	88.0274	-821.0	MM	6.27	3.35	1.17	0.535	2.867	5.363	1669.	40.	2.	762.8	28.0	1
1540	0	512	37.1423	88.0273	-819.2	MM	8.19	5.30	1.23	0.647	4.314	6.669	1768.	31.	2.	762.8	28.0	1
1541	0	508	37.1417	88.0273	-818.0	MM	5.65	3.01	1.37	0.532	2.188	4.113	1693.	39.	4.	762.8	28.0	1
1542	0	508	37.1411	88.0273	-814.2	MM	9.88	1.77	1.30	0.179	1.357	7.574	1634.	33.	2.	762.8	27.9	1
1543	0	516	37.1405	88.0273	-814.2	MM	5.85	5.87	1.07	1.004	5.469	5.445	1813.	29.	0.	763.3	27.9	1
1544	0	516	37.1399	88.0272	-814.7	MM	6.98	2.53	1.32	0.362	1.914	5.285	1750.	48.	2.	764.9	27.8	1
1545	0	504	37.1394	88.0272	-814.0	MM	8.74	2.21	1.11	0.253	1.985	7.843	1695.	33.	7.	764.9	27.7	1
1546	10	496	37.1388	88.0272	-814.2	MM	7.73	1.43	1.64	0.0	0.0	4.703	1753.	38.	5.	763.8	27.7	1
1547	0	492	37.1382	88.0272	-814.7	MM	8.22	2.51	1.13	0.305	2.213	7.252	1775.	46.	6.	764.3	27.7	1
1548	0	484	37.1376	88.0272	-813.7	MM	6.41	4.07	1.28	0.635	3.188	5.021	1686.	43.	8.	764.9	27.6	1
1549	0	484	37.1370	88.0271	-812.7	MM	9.96	2.78	1.40	0.279	1.989	7.116	1763.	46.	3.	764.9	27.6	1
1550	0	480	37.1364	88.0271	-811.5	MM	6.65	3.92	1.30	0.589	3.011	5.110	1758.	39.	6.	764.9	27.8	1
1551	0	476	37.1358	88.0271	-809.0	MM	8.05	3.55	0.98	0.441	3.619	8.198	1687.	41.	6.	764.3	27.9	1
1552	0	472	37.1352	88.0271	-808.0	MM	9.56	2.56	0.95	0.268	2.691	10.035	1696.	25.	5.	764.3	27.9	1
1553	0	464	37.1346	88.0271	-809.0	MM	9.55	3.55	0.97	0.372	3.668	9.870	1682.	40.	4.	765.4	27.9	1
1554	0	464	37.1340	88.0270	-806.5	MM	9.54	3.13	0.94	0.328	3.318	10.119	1631.	40.	6.	764.9	27.9	1
1555	0	456	37.1334	88.0270	-802.0	MM	9.48	2.11	1.06	0.222	1.992	8.968	1616.	32.	6.	764.3	27.8	1
1556	0	440	37.1328	88.0270	-799.0	MM	10.33	2.76	0.96	0.267	2.861	10.711	1652.	45.	0.	764.3	27.8	1
1557	0	444	37.1322	88.0270	-800.5	MM	5.50	4.18	0.99	0.760	4.237	5.575	1614.	36.	3.	764.3	27.8	1
1558	10	448	37.1317	88.0270	-806.0	MM	6.46	1.36	1.11	0.0	0.0	5.820	1515.	54.	4.	764.3	27.7	1
1559	0	456	37.1310	88.0269	-806.2	MM	8.27	3.69	1.07	0.446	3.461	7.755	1709.	31.	7.	764.3	27.6	1
1560	0	464	37.1305	88.0269	-807.0	MM	9.72	2.90	1.41	0.299	2.054	6.879	1760.	33.	4.	764.3	27.7	1
1561	0	456	37.1299	88.0269	-807.2	MM	8.60	2.03	1.00	0.235	2.031	8.623	1682.	37.	7.	763.8	27.7	1
1562	0	444	37.1292	88.0269	-807.2	MM	8.37	2.77	0.88	0.331	3.143	9.505	1667.	38.	8.	763.8	27.7	1
1563	0	440	37.1287	88.0268	-808.0	MM	7.83	2.84	1.28	0.362	2.212	6.101	1606.	38.	5.	763.8	27.7	1
1564	0	436	37.1281	88.0268	-806.7	MM	7.07	3.94	1.01	0.557	3.912	7.020	1543.	44.	6.	763.8	27.7	1
1565	0	436	37.1275	88.0268	-806.7	MM	5.74	3.09	1.03	0.538	2.983	5.547	1593.	23.	6.	763.3	27.7	1
1566	0	432	37.1269	88.0267	-806.5	MM	7.00	4.49	0.87	0.641	5.158	8.045	1609.	44.	3.	763.3	27.7	1
1567	0	428	37.1263	88.0267	-805.0	MM	7.56	3.89	0.92	0.515	4.255	8.261	1660.	39.	3.	763.8	27.7	1
1568	0	408	37.1257	88.0267	-805.0	MM	7.45	1.71	1.28	0.229	1.330	5.798	1618.	32.	3.	762.8	27.7	1
1569	0	388	37.1251	88.0267	-805.7	MM	8.91	3.57	0.94	0.400	3.810	9.520	1594.	39.	0.	762.8	27.7	1
1570	0	424	37.1245	88.0266	-804.0	MM	7.89	1.74	1.23	0.221	1.421	6.425	1617.	50.	4.	763.8	27.7	1
1571	0	416	37.1239	88.0266	-804.0	MM	8.61	3.16	1.16	0.367	2.728	7.429	1617.	36.	1.	763.8	27.7	1
1572	0	412	37.1234	88.0267	-803.2	MM	7.62	3.55	1.09	0.465	3.255	6.993	1596.	41.	4.	762.8	27.7	1
1573	0	404	37.1227	88.0266	-801.2	MM	6.75	2.96	1.12	0.438	2.632	6.006	1693.	39.	4.	764.3	27.6	1
1574	0	396	37.1221	88.0266	-802.5	MM	7.11	4.96	0.80	0.697	6.193	8.889	1627.	51.	2.	764.3	27.6	1
1575	0	384	37.1216	88.0265	-801.5	MM	10.03	2.55	0.95	0.255	2.694	10.580	1637.	47.	7.	764.3	27.6	1
1576	0	368	37.1209	88.0265	-800.0	MM	6.69	2.98	1.12	0.445	2.649	5.948	1599.	34.	4.	764.9	27.6	1
1577	0	372	37.1203	88.0266	-801.2	MM	5.61	3.86	1.20	0.689	3.209	4.657	1518.	39.	4.	765.9	27.7	1
1578	0	392	37.1198	88.0265	-803.0	MM	6.03	2.33	0.78	0.387	3.003	7.761	1401.	33.	4.	765.9	27.7	1
1579	0	384	37.1192	88.0265	-801.5	MM	5.54	3.25	0.69	0.587	4.700	8.004	1297.	36.	3.	765.9	27.7	1
1580	10	392	37.1186	88.0264	-802.5	MM	6.51	1.06	1.07	0.0	0.0	6.103	1296.	42.	6.	766.4	27.7	1
1581	0	400	37.1180	88.0265	-802.2	MM	8.08	2.13	0.81	0.263	2.640	10.038	1344.	36.	4.	766.4	27.7	1
1582	0	336	37.1174	88.0264	-801.2	MM	6.19	2.05	0.81	0.330	2.533	7.668	1229.	44.	1.	764.3	27.6	1
1583	0	320	37.1168	88.0264	-800.5	MM	5.21	2.39	0.68	0.458	3.499	7.642	1327.	37.	5.	763.3	27.7	1
1584	0	332	37.1162	88.0264	-799.7	MM	4.53	2.72	0.54	0.599	5.042	8.420	1305.	45.	5.	764.3	27.7	1
1585	10	340	37.1156	88.0264	-801.0	MM	8.27	1.26	0.68	0.0	0.0	12.112	1348.	42.	8.	763.3	27.7	1
1586	0	340	37.1150	88.0264	-800.2	MM	4.29	2.86	0.87	0.667	3.279	4.914	1312.	44.	10.	763.3	27.8	1
1587	0	344	37.1144	88.0263	-801.0	MM	5.02	2.77	0.84	0.552	3.291	5.957	1319.	37.	6.	763.3	27.8	1
1588	0	328	37.1138	88.0263	-802.0	MM	6.03	2.32	0.78	0.385	2.975	7.731	1228.	38.	5.	763.3	27.8	1
1589	0	324	37.1132	88.0262	-802.0	MM	4.34	4.29	0.60	0.988	7.095	7.178	1281.	37.	6.	763.3	27.8	1
1590	0	316	37.1127	88.0262	-801.7	MM	5.92	3.02	0.64	0.510	4.712	9.237	1313.	37.	2.	764.9	27.8	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1591	0	308	37.1120	88.0262	-801.5	MM	6.92	1.83	0.89	0.264	2.048	7.767	1400.	36.	3.	765.4	27.7	1
1592	0	296	37.1115	88.0262	-801.0	MM	5.09	2.69	0.73	0.528	3.698	7.002	1301.	38.	4.	765.4	27.7	1
1593	0	292	37.1109	88.0262	-801.0	MM	7.06	2.29	0.92	0.325	2.487	7.654	1396.	28.	2.	765.4	27.7	1
1594	0	320	37.1102	88.0261	-800.7	MM	6.12	2.30	0.93	0.376	2.465	6.552	1441.	38.	5.	764.9	27.7	1
1595	0	340	37.1097	88.0261	-798.2	MM	5.79	2.44	0.94	0.422	2.585	6.124	1510.	38.	6.	764.3	27.6	1
1596	0	352	37.1091	88.0261	-799.0	MM	5.31	3.01	1.12	0.568	2.700	4.756	1534.	46.	7.	765.4	27.6	1
1597	0	356	37.1085	88.0261	-800.0	MM	8.93	1.57	0.81	0.176	1.930	10.990	1447.	45.	9.	764.3	27.6	1
1598	10	360	37.1080	88.0261	-798.7	MM	8.20	0.84	0.94	0.0	0.0	8.740	1384.	52.	12.	762.8	27.7	1
1599	0	372	37.1074	88.0261	-797.7	MM	7.02	2.59	0.97	0.369	2.662	7.216	1485.	40.	7.	764.3	27.7	1
1600	0	372	37.1069	88.0262	-798.2	MM	5.72	4.02	0.85	0.702	4.728	6.735	1516.	39.	7.	764.3	27.6	1
1601	10	372	37.1064	88.0262	-799.0	MM	7.53	0.98	0.77	0.0	0.0	9.824	1457.	47.	10.	763.8	27.5	1
1602	0	368	37.1058	88.0262	-797.7	MM	6.95	2.46	1.05	0.353	2.343	6.629	1435.	43.	2.	763.8	27.5	1
1603	0	360	37.1052	88.0262	-797.2	MM	6.34	4.35	0.66	0.687	6.615	9.633	1513.	42.	0.	763.8	27.5	1
1604	0	352	37.1047	88.0262	-796.5	MM	6.15	2.97	1.11	0.482	2.670	5.535	1514.	33.	0.	763.8	27.5	1
1605	0	348	37.1042	88.0263	-794.5	MM	7.75	2.49	1.18	0.321	2.112	6.572	1548.	39.	0.	764.3	27.4	1
1606	0	356	37.1037	88.0263	-795.7	MM	8.93	2.58	1.26	0.289	2.057	7.106	1618.	33.	0.	764.3	27.4	1
1607	0	380	37.1031	88.0263	-796.7	MM	6.68	1.46	1.21	0.219	1.210	5.535	1517.	35.	1.	764.3	27.4	1
1608	0	352	37.1026	88.0263	-797.7	MM	5.17	2.25	0.93	0.435	2.413	5.545	1241.	42.	5.	765.4	27.4	1
1609	0	384	37.1021	88.0263	-797.2	MM	6.47	3.23	0.76	0.500	4.279	8.561	1285.	45.	4.	765.4	27.4	1
1610	10	392	37.1015	88.0263	-796.7	MM	8.88	0.86	0.81	0.0	0.0	10.943	1343.	37.	6.	765.4	27.3	1
1611	0	392	37.1010	88.0263	-795.0	MM	7.51	1.62	1.26	0.216	1.290	5.962	1505.	46.	8.	765.4	27.3	1
1612	0	400	37.1004	88.0264	-793.5	MM	6.70	2.86	0.79	0.427	3.601	8.438	1488.	30.	10.	765.4	27.3	1
1613	0	380	37.0999	88.0264	-793.2	MM	6.38	2.30	0.91	0.361	2.531	7.018	1391.	35.	8.	765.4	27.3	1
1614	0	396	37.0993	88.0264	-793.7	(WATER)	6.42	1.83	1.03	0.285	1.774	6.215	1454.	38.	8.	764.3	27.3	1
1615	0	400	37.0988	88.0264	-793.5	(WATER)	7.26	2.94	0.97	0.404	3.031	7.500	1456.	32.	3.	763.8	27.2	1
1616	0	384	37.0983	88.0264	-793.2	(WATER)	5.84	3.16	1.02	0.540	3.083	5.709	1399.	41.	6.	762.8	27.2	1
1617	0	376	37.0977	88.0265	-791.7	(WATER)	6.91	1.70	0.99	0.245	1.719	7.011	1444.	46.	5.	762.8	27.2	1
1618	0	404	37.0972	88.0265	-791.5	(WATER)	7.01	2.07	0.88	0.296	2.357	7.975	1495.	55.	6.	762.8	27.2	1
1619	10	424	37.0966	88.0265	-791.2	(WATER)	10.15	0.94	1.11	0.0	0.0	9.105	1647.	22.	10.	762.8	27.1	1
1620	0	444	37.0961	88.0265	-791.5	(WATER)	7.87	4.79	1.07	0.608	4.491	7.385	1687.	25.	5.	762.8	27.1	1
1621	0	460	37.0955	88.0265	-791.2	(WATER)	7.92	3.03	1.06	0.382	2.865	7.490	1637.	52.	6.	762.8	27.1	1
1622	0	436	37.0950	88.0266	-790.2	(WATER)	7.20	3.33	0.86	0.463	3.863	8.346	1524.	34.	5.	764.3	27.0	1
1623	0	472	37.0944	88.0266	-791.7	(WATER)	6.24	2.59	1.01	0.415	2.559	6.172	1546.	48.	8.	764.3	27.0	1
1624	0	508	37.0939	88.0266	-792.2	(WATER)	8.02	2.57	1.35	0.321	1.908	5.946	1721.	38.	5.	764.3	27.0	1
1625	0	524	37.0934	88.0266	-794.0	(WATER)	9.72	2.85	1.09	0.293	2.613	8.908	1747.	27.	7.	763.8	26.9	1
1626	0	532	37.0928	88.0266	-793.5	(WATER)	7.60	2.04	1.30	0.269	1.571	5.838	1606.	52.	8.	764.3	26.9	1
1627	0	536	37.0923	88.0266	-793.2	(WATER)	5.83	2.67	1.08	0.459	2.482	5.410	1742.	31.	4.	763.8	26.8	1
1628	10	452	37.0917	88.0266	-794.0	(WATER)	7.83	0.60	1.15	0.0	0.0	6.804	1433.	37.	6.	762.8	26.8	1
1629	0	444	37.0912	88.0267	-793.5	(WATER)	6.37	1.69	1.02	0.266	1.656	6.233	1459.	44.	11.	762.8	26.8	1
1630	0	472	37.0906	88.0267	-792.5	(WATER)	7.67	1.94	1.15	0.253	1.692	6.683	1541.	44.	11.	762.8	26.8	1
1631	10	480	37.0901	88.0267	-794.0	MM	7.71	0.90	1.08	0.0	0.0	7.150	1570.	41.	15.	761.8	26.8	1
1632	0	492	37.0895	88.0267	-793.2	MM	6.09	3.28	0.84	0.539	3.892	7.224	1533.	39.	13.	762.8	26.8	1
1633	10	492	37.0890	88.0267	-790.5	MM	8.43	1.15	0.91	0.0	0.0	9.311	1537.	47.	13.	763.8	26.8	1
1634	10	488	37.0885	88.0267	-789.5	MM	7.24	1.32	0.85	0.0	0.0	8.551	1567.	44.	15.	763.8	26.9	1
1635	0	496	37.0879	88.0267	-790.7	MM	8.82	2.93	1.20	0.332	2.441	7.343	1603.	29.	10.	764.3	26.9	1
1636	0	496	37.0874	88.0267	-789.7	MM	5.94	3.54	1.07	0.596	3.297	5.530	1616.	47.	11.	764.9	26.9	1
1637	0	512	37.0869	88.0268	-789.5	MM	7.66	3.41	0.89	0.446	3.825	8.585	1543.	29.	8.	764.9	27.0	1
1638	0	508	37.0863	88.0268	-789.7	MM	8.07	4.05	1.04	0.502	3.893	7.759	1579.	30.	4.	764.9	27.1	1
1639	0	508	37.0857	88.0269	-788.0	MM	7.60	3.61	0.95	0.475	3.799	8.001	1544.	49.	7.	764.9	27.1	1
1640	0	508	37.0852	88.0269	-789.0	MM	9.17	1.78	1.23	0.194	1.451	7.483	1582.	34.	4.	763.8	27.1	1
1641	0	508	37.0847	88.0269	-788.0	MM	5.47	2.52	1.07	0.460	2.350	5.111	1443.	34.	5.	763.8	27.0	1
1642	0	528	37.0842	88.0269	-788.0	MM	5.86	2.66	0.92	0.453	2.897	6.398	1431.	39.	4.	764.3	27.0	1
1643	0	544	37.0836	88.0269	-788.2	MM	7.09	2.98	0.99	0.420	2.995	7.129	1449.	41.	2.	763.8	26.9	1

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1644	0	508	37.0831	88.0269	-789.7	MM	8.78	2.75	1.00	0.313	2.747	8.767	1474.	35.	0.	763.8	26.9	1
1645	0	468	37.0826	88.0270	-789.0	MM	5.63	5.31	0.64	0.942	8.350	8.860	1327.	57.	2.	762.8	26.9	1
1646	0	464	37.0820	88.0270	-787.2	MM	4.79	2.48	1.10	0.519	2.254	4.345	1349.	31.	3.	762.8	26.9	1
1647	0	460	37.0814	88.0270	-786.7	MM	4.49	1.49	1.07	0.332	1.396	4.200	1407.	46.	5.	762.8	27.0	1
1648	0	468	37.0809	88.0270	-785.7	MM	6.14	2.03	1.00	0.330	2.028	6.141	1414.	39.	8.	763.8	27.1	1
1649	0	480	37.0804	88.0270	-786.5	MM	5.40	3.28	0.84	0.606	3.882	6.402	1426.	43.	7.	764.3	27.0	1
1650	0	476	37.0798	88.0270	-786.5	MM	7.13	2.63	0.90	0.369	2.933	7.944	1491.	46.	8.	764.3	27.1	1
1651	10	488	37.0793	88.0270	-787.2	MM	5.81	1.01	1.23	0.0	0.0	4.738	1369.	34.	12.	765.4	27.0	1
1652	0	428	37.0788	88.0270	-788.5	MM	5.13	3.38	0.75	0.658	4.509	6.851	1311.	31.	9.	765.4	27.1	1
1653	0	424	37.0782	88.0271	-786.7	MM	5.23	1.96	0.74	0.374	2.648	7.081	1293.	37.	8.	765.4	27.1	1
1654	0	408	37.0777	88.0271	-786.0	MM	5.62	1.62	0.80	0.288	2.021	7.011	1315.	41.	10.	765.4	27.2	1
1655	0	412	37.0771	88.0271	-786.2	MM	6.63	3.02	0.59	0.455	5.077	11.149	1247.	46.	8.	765.4	27.1	1
1656	0	436	37.0766	88.0271	-787.2	MM	8.98	2.26	1.00	0.252	2.248	8.935	1596.	34.	6.	764.3	27.2	1
1657	0	464	37.0760	88.0271	-786.7	MM	8.12	3.24	0.96	0.399	3.393	8.496	1518.	37.	5.	763.8	27.2	1
1658	0	464	37.0755	88.0271	-787.0	MM	7.25	2.62	1.01	0.361	2.591	7.175	1504.	44.	4.	764.3	27.2	1
1659	10	472	37.0749	88.0271	-786.5	MM	9.80	1.49	1.15	0.0	0.0	8.497	1520.	49.	0.	764.3	27.2	1
1660	0	468	37.0744	88.0271	-784.5	MM	9.35	1.73	0.93	0.185	1.863	10.095	1544.	43.	3.	762.3	27.1	1
1661	0	468	37.0739	88.0272	-783.5	MM	6.63	2.20	1.17	0.333	1.877	5.641	1629.	46.	5.	761.2	27.1	1
1662	0	472	37.0733	88.0272	-783.5	MM	4.93	3.63	1.10	0.736	3.310	4.499	1597.	39.	5.	762.3	27.1	1
1663	0	472	37.0728	88.0272	-784.7	MM	6.48	3.02	1.08	0.467	2.802	6.007	1536.	50.	7.	762.8	27.1	1
1664	0	476	37.0722	88.0272	-783.7	MM	8.34	3.41	1.07	0.409	3.182	7.784	1489.	42.	6.	762.8	27.1	1
1665	0	476	37.0717	88.0272	-785.0	MM	6.22	2.40	1.19	0.385	2.019	5.238	1475.	46.	8.	764.3	27.1	1
1666	0	464	37.0711	88.0272	-786.7	MM	4.65	3.92	0.99	0.843	3.959	4.696	1552.	38.	9.	763.8	27.1	1
1667	0	452	37.0706	88.0272	-784.2	MM	7.34	2.34	1.13	0.319	2.064	6.476	1625.	62.	6.	764.3	27.1	1
1668	10	452	37.0700	88.0273	-783.7	MM	10.20	1.17	1.24	0.0	0.0	8.206	1627.	38.	6.	765.4	27.1	1
1669	0	432	37.0695	88.0273	-783.2	MM	8.31	2.19	0.99	0.264	2.223	8.430	1536.	48.	5.	765.4	27.1	1
1670	0	424	37.0690	88.0273	-781.5	MM	5.35	2.25	1.19	0.421	1.900	4.509	1488.	40.	5.	763.8	27.1	1
1671	0	424	37.0684	88.0273	-780.5	MM	5.04	1.80	1.26	0.357	1.429	4.007	1439.	42.	5.	764.3	27.2	1
1672	0	480	37.0679	88.0273	-780.2	MM	10.86	2.84	1.13	0.261	2.517	9.632	1622.	40.	2.	763.8	27.1	1
1673	0	480	37.0673	88.0274	-780.7	MM	7.71	4.80	0.75	0.623	6.449	10.344	1538.	35.	0.	763.8	27.1	1
1674	0	484	37.0668	88.0274	-779.2	MM	7.12	2.32	1.02	0.326	2.285	7.004	1621.	48.	4.	763.8	27.1	1
1675	0	472	37.0662	88.0274	-779.5	MM	6.48	3.93	1.14	0.606	3.451	5.692	1584.	30.	0.	764.3	27.0	1
1676	0	456	37.0657	88.0274	-777.7	MM	6.78	1.70	1.15	0.251	1.478	5.883	1563.	35.	3.	763.8	27.1	1
1677	0	460	37.0652	88.0274	-775.7	MM	6.37	4.61	1.00	0.725	4.625	6.382	1710.	38.	4.	762.8	27.1	1
1678	0	464	37.0646	88.0275	-775.7	MM	8.83	2.94	1.35	0.333	2.180	6.546	1655.	30.	4.	763.8	27.1	1
1679	0	456	37.0641	88.0275	-775.5	MM	8.75	2.22	1.09	0.254	2.040	8.036	1635.	51.	6.	763.8	27.1	1
1680	0	452	37.0636	88.0275	-774.5	MM	7.50	3.28	0.87	0.438	3.775	8.624	1545.	42.	8.	763.8	27.1	1
1681	0	464	37.0630	88.0275	-774.2	MM	6.51	2.90	1.03	0.445	2.826	6.346	1561.	45.	8.	764.3	27.1	1
1682	0	480	37.0624	88.0275	-775.5	MM	8.22	2.58	1.03	0.314	2.509	7.999	1693.	39.	10.	765.4	27.1	1
1683	0	476	37.0619	88.0275	-775.5	MM	11.28	2.42	0.93	0.214	2.608	12.174	1583.	42.	3.	765.4	27.1	1
1684	0	468	37.0614	88.0275	-774.2	MM	10.21	2.90	1.13	0.284	2.568	9.041	1627.	39.	3.	765.4	27.1	1
1685	0	460	37.0609	88.0276	-773.5	MM	5.64	3.51	1.03	0.622	3.421	5.498	1578.	41.	0.	765.4	27.0	1
1686	0	456	37.0603	88.0276	-772.0	MM	8.68	2.41	0.95	0.277	2.522	9.101	1594.	34.	3.	765.4	27.0	1
1687	0	460	37.0598	88.0276	-769.5	MM	7.88	2.27	1.27	0.288	1.789	6.206	1449.	51.	2.	764.3	27.0	1
1688	0	472	37.0592	88.0276	-768.7	MM	5.40	3.90	0.85	0.721	4.601	6.377	1404.	39.	0.	764.3	27.1	1
1689	0	484	37.0587	88.0276	-770.0	MM	5.38	3.99	0.78	0.742	5.086	6.858	1451.	34.	10.	763.8	27.1	1
1690	10	488	37.0581	88.0277	-770.2	MM	5.89	1.38	0.98	0.0	0.0	6.011	1405.	44.	11.	763.8	27.1	1
1691	0	472	37.0576	88.0277	-770.0	MM	8.47	3.86	0.70	0.455	5.473	12.021	1636.	34.	8.	764.3	27.1	1
1692	10	460	37.0571	88.0277	-769.7	MM	8.99	1.81	0.87	0.0	0.0	10.352	1606.	49.	13.	763.8	27.1	1
1693	0	452	37.0565	88.0277	-771.0	MM	8.44	1.99	0.86	0.236	2.330	9.872	1584.	32.	11.	763.3	27.0	1
1694	0	448	37.0560	88.0277	-768.2	MM	8.92	1.88	0.96	0.210	1.947	9.266	1613.	38.	10.	763.3	27.1	1
1695	10	452	37.0554	88.0278	-769.0	MM	5.91	1.12	1.08	0.0	0.0	5.448	1588.	48.	15.	763.3	27.0	1
1696	0	456	37.0549	88.0278	-768.2	MM	8.56	3.49	0.90	0.408	3.893	9.540	1669.	26.	8.	763.3	27.0	1

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TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1697	10	460	37.0544	88.0278	-766.2	MM	8.88	1.66	0.98	0.0	0.0	9.052	1651.	44.	8.	763.3	26.9	1
1698	0	456	37.0538	88.0278	-766.5	MM	6.98	3.93	0.74	0.563	5.343	9.497	1594.	46.	5.	762.8	26.9	1
1699	0	444	37.0533	88.0278	-768.2	MM	8.77	3.55	0.86	0.405	4.129	10.196	1586.	40.	3.	762.8	27.0	1
1700	0	440	37.0527	88.0278	-767.0	MM	5.12	4.52	0.74	0.882	6.076	6.886	1460.	38.	2.	762.8	27.0	1
1701	0	416	37.0522	88.0279	-765.0	MM	5.73	3.44	0.77	0.601	4.481	7.453	1401.	42.	4.	762.8	26.9	1
1702	0	420	37.0516	88.0279	-767.0	MM	5.25	3.73	0.80	0.710	4.683	6.596	1318.	51.	3.	762.8	26.9	1
1703	0	436	37.0511	88.0279	-768.5	MM	5.72	2.72	0.79	0.476	3.438	7.224	1314.	38.	6.	762.8	26.9	1
1704	0	468	37.0505	88.0279	-768.7	MM	7.32	2.98	1.01	0.407	2.950	7.251	1487.	34.	4.	762.8	26.9	1
1705	0	464	37.0500	88.0279	-765.7	MM	9.65	2.53	1.22	0.262	2.068	7.904	1545.	43.	6.	762.8	26.9	1
1706	0	444	37.0495	88.0279	-765.0	MM	7.11	1.81	1.10	0.255	1.641	6.443	1559.	41.	6.	762.8	26.9	1
1707	0	436	37.0489	88.0279	-765.7	MM	7.97	2.72	1.25	0.341	2.184	6.400	1600.	44.	3.	762.8	26.9	1
1708	0	448	37.0484	88.0279	-764.5	MM	6.44	2.93	1.22	0.455	2.403	5.279	1613.	35.	3.	762.8	26.9	1
1709	0	436	37.0478	88.0280	-762.7	MM	6.90	4.25	0.60	0.616	7.094	11.514	1363.	37.	2.	762.8	26.9	1
1710	0	408	37.0473	88.0280	-763.0	MM	6.65	1.79	0.93	0.269	1.920	7.148	1313.	35.	3.	762.8	26.9	1
1711	0	400	37.0467	88.0280	-762.7	MM	5.02	2.32	0.79	0.462	2.949	6.387	1263.	36.	6.	762.8	26.9	1
1712	0	412	37.0462	88.0280	-762.7	MM	4.56	2.76	0.70	0.605	3.954	6.533	1205.	36.	2.	762.8	27.1	1
1713	0	440	37.0457	88.0280	-762.7	MM	4.73	2.20	0.71	0.464	3.085	6.642	1226.	38.	5.	762.8	27.1	1
1714	0	436	37.0451	88.0280	-762.5	MM	5.03	1.49	0.99	0.295	1.507	5.105	1252.	34.	4.	762.8	27.1	1
1715	0	468	37.0446	88.0280	-760.2	MM	5.89	3.69	0.93	0.627	3.972	6.333	1389.	31.	1.	762.8	27.1	1
1716	0	432	37.0440	88.0280	-759.5	MM	5.60	2.07	1.03	0.369	1.998	5.417	1330.	38.	3.	762.8	27.1	1
1717	0	436	37.0435	88.0282	-758.7	MM	4.17	4.60	0.79	1.103	5.787	5.249	1469.	43.	1.	762.3	27.1	1
1718	0	448	37.0429	88.0282	-756.5	MM	7.32	2.35	1.07	0.321	2.195	6.848	1455.	39.	4.	762.8	27.1	1
1719	0	440	37.0424	88.0282	-756.7	MM	6.45	3.51	0.94	0.545	3.731	6.848	1462.	44.	0.	762.8	27.1	1
1720	0	448	37.0419	88.0282	-756.2	MM	8.05	2.81	0.81	0.349	3.488	9.996	1410.	40.	1.	762.8	27.1	1
1721	0	436	37.0413	88.0282	-756.7	MM	6.62	3.21	0.79	0.485	4.089	8.433	1377.	54.	0.	762.8	27.1	1
1722	0	424	37.0408	88.0282	-755.7	MM	4.45	4.07	1.03	0.914	3.966	4.338	1358.	28.	0.	762.8	27.0	1
1723	0	428	37.0402	88.0282	-756.0	MM	6.91	3.05	0.80	0.442	3.790	8.583	1371.	36.	3.	762.8	27.0	1
1724	0	400	37.0397	88.0282	-755.5	MM	6.48	2.68	0.47	0.413	5.680	13.747	1199.	43.	1.	762.8	27.0	1
1725	0	424	37.0392	88.0283	-754.7	MM	5.33	2.77	0.74	0.519	3.741	7.213	1210.	39.	0.	763.8	27.0	1
1726	0	456	37.0386	88.0283	-755.0	MM	7.06	1.59	0.88	0.225	1.810	8.043	1335.	36.	3.	762.8	27.0	1
1727	10	460	37.0381	88.0283	-754.2	MM	5.72	1.13	0.93	0.0	0.0	6.147	1251.	43.	4.	762.8	27.0	1
1728	0	440	37.0376	88.0283	-753.0	MM	4.72	1.63	0.89	0.346	1.829	5.281	1276.	43.	5.	762.8	27.0	1
1729	0	460	37.0370	88.0283	-751.0	MM	6.16	3.23	0.92	0.525	3.522	6.712	1326.	23.	5.	762.8	27.0	1
1730	10	472	37.0365	88.0283	-751.2	MM	6.31	1.54	0.84	0.0	0.0	7.490	1262.	40.	6.	762.8	27.0	1
1731	0	444	37.0359	88.0283	-752.2	MM	5.12	3.11	0.60	0.606	5.135	8.468	1182.	34.	6.	762.8	27.1	1
1732	0	440	37.0354	88.0283	-750.2	MM	4.28	3.10	0.65	0.725	4.742	6.541	1186.	32.	11.	762.8	27.1	1
1733	0	436	37.0349	88.0283	-750.7	MM	3.42	3.34	0.61	0.977	5.521	5.652	1154.	42.	7.	762.8	27.1	1
1734	0	436	37.0342	88.0283	-749.2	MM	3.99	1.80	0.68	0.450	2.637	5.853	1027.	40.	13.	762.8	27.1	1
1735	0	420	37.0337	88.0283	-748.2	MM	4.05	1.49	0.43	0.369	3.454	9.363	1006.	27.	11.	762.8	27.1	1
1736	0	424	37.0331	88.0283	-748.2	MM	3.82	2.99	0.29	0.783	10.186	13.004	962.	34.	11.	762.8	27.1	1
1737	0	444	37.0325	88.0282	-747.2	MM	3.29	1.49	0.62	0.452	2.413	5.343	992.	42.	8.	762.8	27.1	1
1738	10	476	37.0319	88.0282	-745.7	MM	4.70	0.69	0.52	0.0	0.0	9.027	1007.	48.	9.	762.8	27.1	1
1739	10	480	37.0313	88.0282	-746.2	MM	3.85	1.08	0.84	0.0	0.0	4.608	1033.	36.	10.	762.8	27.1	1
1740	10	484	37.0307	88.0282	-745.7	MM	5.73	1.39	0.81	0.0	0.0	7.102	1127.	36.	5.	762.8	27.1	1
1741	0	484	37.0301	88.0281	-744.7	MM	4.04	1.80	0.94	0.446	1.914	4.290	1212.	50.	8.	763.8	27.1	1
1742	10	468	37.0296	88.0281	-743.2	MM	3.90	1.23	0.64	0.0	0.0	6.067	1121.	44.	8.	763.8	27.1	1
1743	0	416	37.0290	88.0280	-744.0	MM	3.96	2.30	0.59	0.580	3.916	6.748	1064.	37.	4.	762.8	27.1	1
1744	0	444	37.0284	88.0280	-743.2	MM	2.60	3.86	0.40	1.483	9.668	6.517	1004.	40.	5.	762.8	27.1	1
1745	10	436	37.0278	88.0280	-741.5	MM	4.58	0.78	0.58	0.0	0.0	7.954	989.	40.	6.	763.8	27.1	1
1746	0	420	37.0272	88.0280	-741.5	MM	4.42	2.65	0.35	0.599	7.589	12.673	943.	29.	6.	762.8	27.1	1
1747	0	472	37.0266	88.0279	-742.5	MM	4.30	2.61	0.45	0.608	5.801	9.538	994.	32.	6.	762.8	27.1	1
1748	10	520	37.0260	88.0279	-741.5	MM	5.50	0.42	0.77	0.0	0.0	7.119	1038.	46.	10.	762.8	27.2	1
1749	0	496	37.0255	88.0279	-740.7	MM	3.90	3.14	0.48	0.805	6.507	8.079	1163.	39.	8.	762.8	27.1	1

CP9 LP12

TAGS			LOCATION				REDUCED DATA											
ID	QUAL	ALT	LAT	LONG	MAG	RK.UNIT	TH	U	K	U/TH	U/K	TH/K	GROSS	COS	UAIR	PRESS	TEMP	SYS
1750	0	468	37.0249	88.0279	-738.5	MM	2.49	3.49	0.49	1.401	7.132	5.090	1017.	36.	5.	763.3	27.2	1
1751	0	456	37.0243	88.0278	-737.7	MM	4.09	1.63	0.61	0.398	2.649	6.654	957.	38.	8.	763.3	27.2	1
1752	0	436	37.0237	88.0278	-738.5	MM	2.73	1.40	0.50	0.512	2.783	5.437	861.	38.	8.	763.3	27.3	1
1753	0	456	37.0231	88.0278	-738.0	MM	3.40	1.68	0.34	0.494	4.912	9.954	791.	48.	5.	763.8	27.2	1
1754	0	488	37.0226	88.0278	-736.7	MM	2.54	2.48	0.58	0.979	4.312	4.406	893.	35.	3.	763.3	27.2	1
1755	0	492	37.0220	88.0277	-736.7	MM	4.54	2.35	0.40	0.516	5.933	11.496	878.	37.	2.	763.8	27.2	1
1756	0	488	37.0214	88.0277	-734.7	(WATER)	2.26	3.61	0.35	1.593	10.323	6.481	815.	36.	2.	763.8	27.2	1
1757	0	524	37.0208	88.0277	-734.7	(WATER)	1.63	1.93	0.33	1.186	5.887	4.963	604.	45.	3.	762.8	27.2	1
1758	101	592	37.0202	88.0277	-735.5	(WATER)	0.82	2.19	0.12	0.0	0.0	0.0	463.	51.	4.	763.8	27.2	1
1759	11	632	37.0196	88.0276	-735.5	(WATER)	2.15	-0.26	0.21	0.0	0.0	0.0	346.	45.	3.	763.8	27.2	1
1760	111	636	37.0191	88.0276	-735.5	(WATER)	-0.13	1.06	0.14	0.0	0.0	0.0	302.	37.	7.	763.8	27.3	1
1761	111	636	37.0185	88.0275	-734.0	(WATER)	-0.10	0.30	0.20	0.0	0.0	0.0	202.	37.	6.	764.3	27.2	1
1762	111	640	37.0179	88.0275	-734.0	(WATER)	0.90	0.20	-0.13	0.0	0.0	0.0	172.	33.	7.	763.8	27.1	1
1763	111	640	37.0173	88.0275	-734.2	(WATER)	-0.10	0.67	-0.10	0.0	0.0	0.0	130.	40.	4.	762.8	27.2	1
1764	111	636	37.0167	88.0275	-732.5	(WATER)	1.21	0.35	-0.10	0.0	0.0	0.0	151.	36.	9.	763.8	27.2	1
1765	110	632	37.0161	88.0274	-731.7	(WATER)	-0.02	-1.37	0.31	0.0	0.0	0.0	92.	38.	10.	764.3	27.2	1
1766	111	628	37.0155	88.0274	-732.0	MSW	-0.07	0.06	0.16	0.0	0.0	0.0	165.	35.	5.	764.3	27.2	1
1767	111	624	37.0150	88.0274	-730.2	MSW	-0.12	0.14	-0.05	0.0	0.0	0.0	122.	47.	9.	764.3	27.2	1
1768	110	620	37.0144	88.0274	-730.7	MSW	0.01	-2.06	0.20	0.0	0.0	0.0	87.	39.	12.	764.3	27.2	1
1769	110	616	37.0138	88.0273	-729.7	MSW	-0.01	-1.93	0.23	0.0	0.0	0.0	99.	39.	13.	764.3	27.2	1
1770	111	612	37.0132	88.0273	-729.0	MSW	0.85	-0.63	-0.07	0.0	0.0	0.0	223.	33.	15.	764.3	27.2	1
1771	111	608	37.0126	88.0273	-729.0	MSW	-0.07	-0.90	0.01	0.0	0.0	0.0	122.	38.	12.	764.3	27.2	1
1772	111	608	37.0121	88.0273	-729.0	MSW	1.26	0.48	-0.01	0.0	0.0	0.0	267.	30.	13.	763.8	27.2	1
1773	111	608	37.0115	88.0272	-727.7	MSW	1.27	-0.47	0.14	0.0	0.0	0.0	288.	33.	11.	763.8	27.2	1
1774	11	612	37.0108	88.0272	-727.5	MSW	3.30	-1.18	0.15	0.0	0.0	0.0	369.	44.	10.	763.8	27.2	1
1775	11	616	37.0103	88.0272	-727.0	MSW	1.84	0.37	0.15	0.0	0.0	0.0	509.	42.	8.	764.3	27.2	1
1776	101	592	37.0097	88.0272	-725.7	MSW	1.23	1.85	0.21	0.0	0.0	0.0	582.	36.	9.	763.8	27.3	1
1777	10	560	37.0091	88.0271	-724.5	MSW	4.03	-0.27	0.36	0.0	0.0	11.295	657.	47.	10.	763.3	27.3	1
1778	10	572	37.0085	88.0271	-724.2	MSW	3.45	-1.39	0.60	0.0	0.0	5.722	740.	44.	14.	763.3	27.3	1
1779	10	608	37.0080	88.0271	-723.5	MSW	3.92	0.06	0.92	0.0	0.0	4.288	1004.	32.	15.	763.3	27.2	1
1780	10	564	37.0074	88.0271	-723.7	MSW	4.38	0.50	0.75	0.0	0.0	5.882	967.	45.	14.	762.3	27.3	1
1781	10	524	37.0068	88.0270	-723.2	MSW	4.43	0.09	0.54	0.0	0.0	8.197	982.	39.	16.	762.3	27.2	1
1782	10	476	37.0062	88.0270	-722.2	MSW	3.30	0.60	0.72	0.0	0.0	4.609	999.	44.	15.	762.8	27.3	1
1783	0	484	37.0056	88.0270	-722.0	MSW	3.71	2.07	0.58	0.559	3.585	6.417	1093.	39.	13.	762.8	27.2	1
1784	10	516	37.0051	88.0270	-722.0	MSW	3.91	1.33	0.77	0.0	0.0	5.105	1112.	48.	13.	762.8	27.2	1
1785	0	504	37.0045	88.0269	-721.2	MSW	4.11	3.10	0.64	0.755	4.817	6.384	1241.	32.	13.	762.8	27.2	1
1786	10	504	37.0038	88.0269	-720.5	MSW	6.56	0.83	0.88	0.0	0.0	7.482	1261.	30.	14.	762.8	27.2	1
1787	0	484	37.0033	88.0269	-719.7	MSW	5.82	1.85	0.85	0.318	2.186	6.877	1257.	36.	11.	762.3	27.2	1
1788	0	464	37.0027	88.0269	-719.5	MSW	4.58	2.08	0.71	0.453	2.909	6.422	1145.	44.	11.	763.3	27.2	1
1789	0	468	37.0021	88.0268	-717.2	MSW	2.94	3.76	0.34	1.278	10.919	8.543	1116.	36.	8.	763.8	27.2	1
1790	0	488	37.0015	88.0268	-716.7	MSW	5.43	4.69	0.55	0.863	8.475	9.817	1189.	48.	6.	763.3	27.2	1
1791	10	460	37.0010	88.0267	-717.7	MSW	3.71	0.27	0.66	0.0	0.0	5.627	1017.	38.	11.	763.3	27.2	1

CP9 1P12

JOB NO. 6181 - TERMINATED NORMALLY DATE = 80.037

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//MFPAD2   JOB 'ZAGS-PHILL0010707   781132-01 +PPC2   000404 0192D C ',
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JOB READ 02/06 10:26:19 JOB STARTED ON SY1 02/06 19:11:59
JOB ENDED 02/06 19:12:43 THIS PRINT ENDED 02/06 20:22:30

TASK TIME=0001.10 MIN. MAX. CORE USED=00076K I/O OPER.=00001051
I/O : DISK=00000056 TAPE=00000995 VIRTUAL=00000000 MSS=00000000

PRINTER	FORMS	LINES	PAGES	PROCNAME	STEPNAME	DDNAME	STATUS
MF23	TI-12461	043755	000004	GO	STEP2	FICHTAPE	

TOTAL LINES ABOVE=0043755 CARDS READ=000009 CARDS TO SPOOL=000000

CURRENT PRINT TOTALS : IMPACT LINES=0000000 LASER PAGES=0000004
CURRENT FICHE TOTALS : ORIGINALS=0000004 COPIES=0000120

TAPES MOUNTED=001 TAPE DRIVES=01 PRTY CLASS=DISCOUNT
MSS : MOUNTS=00000000 CYLS STAGED=00000000 CYLS USED=00000000

APPROXIMATE PROCESSING COST = $ 26.00

CP9 IP12

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FLIGHT LINE 12 1750 ...B01
FLIGHT LINE 12 1803 ...C01
FLIGHT LINE 12 1856 ...D01
FLIGHT LINE 12 1909 ...E01
FLIGHT LINE 12 1962 ...F01
FLIGHT LINE 12 2015 ...G01
FLIGHT LINE 12 2068 ...H01
FLIGHT LINE 12 2121 ...I01
FLIGHT LINE 12 2174 ...J01
FLIGHT LINE 12 2227 ...K01
FLIGHT LINE 12 2280 ...L01
FLIGHT LINE 12 2333 ...M01
FLIGHT LINE 12 2386 ...A02
FLIGHT LINE 12 2439 ...B02
FLIGHT LINE 12 2492 ...C02
FLIGHT LINE 12 2545 ...D02
FLIGHT LINE 12 2598 ...E02
FLIGHT LINE 12 2651 ...F02
FLIGHT LINE 12 2704 ...G02
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FLIGHT LINE 101 160 ...K02
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FLIGHT LINE 101 266 ...M02
FLIGHT LINE 101 319 ...A03
FLIGHT LINE 101 372 ...B03
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