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✓ UNITED STATES (DEPARTMENT OF THE INTERIOR)

GEOLOGICAL SURVEY, [Reports - Open file series]

Audio-magnetotelluric station location map
Island Park Known Geothermal Resource Area,
Idaho

T14
cm
Twanal

By

✓ cat. ✓ cat.
Carl L. Long, Donald B. Hoover, 1930 -
and Charles L. Tippens. ✓ cat.

Open-File Report No. 76-700E
1976

This report is preliminary and has not been
edited or reviewed for conformity with U.S.
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Figure 1

AUDIO-MAGNETOTELLURIC
STATION LOCATION MAP
ISLAND PARK KGRA, IDAHO

ISLAND PARK, Idaho
1974

U.S. GEOLOGICAL SURVEY A.M.T. DATA LOG

pa = observed apparent resistivity in ohm-metres

N = number of observations

Er = standard error in ohm metres

- = no data

"NOTE" - Telluric line orientation indicated with station numbers.

Sta. No.		FREQUENCY											
		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
1A NS	pa	137	-	71	124	127	149	270	-	165	64	145	89
	N	6		8	10	10	10	10		13	10	3	1
	Er	21.		10.6	15.8	15.5	22.9	66		25	4.3	.29	-
1A EW	pa	140	-	252	114	141	162	499	-	1753	122	261	391
	N	8		10	12	10	10	16		13	11	1	1
	Er	21.3	-	39.7	6.1	19.7	23.5	70.		334.	10.7	-	-
2A NS	pa	1052	-	2201	1452	746	534	524	-	446	408	826	445
	N	7		10	11	13	10	10		10	12	1	1
	Er	22.		148	122.	77.4	69.0	68.1		46.3	28.9	-	-
2A EW	pa	577	-	2506	1060	562	837	821	-	323	477	640	706
	N	4		11	12	14	11	12		16	12	1	1
	Er	110.		432.	108.	32.7	125.	128.		40.7	58.8	-	-
3B NS	pa	21.8	31.7	35.	73.	157.	399	-	-	1024	576	638	194
	N	10	2	9	9	9	8			9	16	1	1
	Er	3.41	3.24	5.04	4.41	12.4	36.2			301.	54.8	-	-
3B EW	pa	76.8	-	144	176	254	729	-	-	1489	203	335	192
	N	7		13	13	12	10			11	10	1	1
	Er	13.2		23.7	24.7	16.0	-			220.	18.5	-	-
4 NS	pa	30	-	45.	131	157	580	710	-	815	159	330	184
	N	6		12	17	15	10	9		7	10	1	1
	Er	3.7		5.4	11.4	9.3	137.	63		135.	8.5	-	-
4 EW	pa	131	-	100	335	361	696	1537	-	1321	298	299	227
	N	3		9	10	10	7	4		5	13	1	1
	Er	49.		14.7	38.6	22.8	131	488.		716	28.6	-	-

ISLAND PARK

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Sta. No.		FREQUENCY											
		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
5 _{NS}	pa	100.	-	144	133	127	239	565	-	422	166	493	175
	N	5		9	17	8	10	10		7	10	1	1
	Er	17.6		17.8	21.4	8.79	35.5	112.		55.2	18.1	-	-
5 _{EW}	pa	60	-	99.	107.	85.	56	85	-	214	286	349	213
	N	3		8	11	11	6	8		9	11	1	1
	Er	14.3		17.1	11.1	6.87	6.0	13.2		16.2	27.5	-	-
6 _{NS}	pa	1907	-	1345	1298	1499	1576	2617	-	2642	287	218	251
	N	6		8	8	12	8	11		-	9	8	1
	Er	597.		307.	238.	133.	223.	330.		-	36.4	31.9	-
6 _{EW}	pa	631	-	453	787	685	747	778	-	471.	284	362	258
	N	10		11	13	13	13	12		10	13	1	1
	Er	161.		63.0	181.	174	99.3	79.7		107.	27.2	-	-
7 _{NS}	pa	70.	-	121	168	142	176	247	-	115	107	589	226
	N	8		12	12	12	13	10		7	12	1	1
	Er	10.6		17.3	27.8	9.89	30.8	49.8		19.3	13.9	-	-
7 _{EW}	pa	33.4	-	144	270	285	279	352	-	1019	560	447	562
	N	4		11	13	14	11	6		11	11	1	1
	Er	6.94		13.9	24.0	33.5	27.9	153.		156.	46.9	-	-
8 _{NS}	pa	145	-	311.	382	445	483	348	-	454	422	331	264
	N	7		8	11	11	10	12		9	11	1	1
	Er	40.5		35.7	51.2	74.	74.	71.1		55.8	15	-	-
8 _{EW}	pa	104	-	242	293	248	250	357	-	457	361	257	187
	N	8		11	12	11	12	6		7	11	1	1
	Er	223		20.9	12.9	12.7	36.6	131		8.0	16.6	-	-

ISLAND PARK

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		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
9 ^R _{NS}	pa	126	-	190	232	226	178	211	-	200	198	203	121
	N	9		10	11	13	15	14		7	16	1	1
	Er	16.3		17.0	20.1	9.24	12.6	29.2		7.86	8.9	-	-
9 ^R _{EW}	pa	91	-	166	322	324	260	227	-	168	153	140	79
	N	10		13	13	13	13	10		5	15	1	1
	Er	9.36		9.13	14.3	10.9	10.5	41.0		45.4	5.26	-	-
10 ^R _{NS}	pa	267	-	251	744	496	186	-	-	903	403	1249	189
	N	9		9	10	11	10			8	10	1	1
	Er	45.		29.	66.	17.	30.7			184.	21.	-	-
10 ^R _{EW}	pa	66	-	199	583	487	600	-	-	2363	708	693	454
	N	4		10	10	13	10			8	11	1	1
	Er	12.		18.7	46.	33.	87.			263.	62.7	-	-
	pa												
	N												
	Er												
	pa												
	N												
	Er												
	pa												
	N												
	Er												
	pa												
	N												
	Er												

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		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
	pa												
	N												
	Er												
11 NS	pa	247		194	279	181	153			1437	457	1290	468
	N	8		14	12	12	11			8	12		10
	Er	27.18		25.34	18.03	5.79	16.86			256.6	11.28		32.73
11 EW	pa	426		367	415	226	453	1590		1682	576	725	396
	N	13		13	12	12	11			7	12		7
	Er	68.03		26.03	25.8	8.35	86.87			403.29	37.99		17.3
12 NS	pa	104		97	90	103	181	340		180	169	143	94
	N	7		10	13	10	11	12		11	10	9	7
	Er	13.7		18.7	13.9	11.7	16.6	28		13.0	7.8	13.7	5.9
12 EW	pa	136		93	88	51	104	90		237	210	249	115
	N	6		10	10	10	11	10		10	10		10
	Er	17		6.7	5.6	3.8	14.5	22		45	10.7		9.5
13 NS	pa	12.7		20.6	32.2	72	92			352	549	589	305
	N	7		12	17	13	12			3	15		
	Er	1.67		2.5	1.99	2.87	6.35			19.2	133		
13 EW	pa	10		20	41	84	165			1137	655	589	315
	N	5		10	17	15	11			8	14		
	Er	1.22		1.65	2.31	2.29	2.13			99.6	17.3		
	pa												
	N												
	Er												

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		FREQUENCY											
Sta. No.		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
14 _{NS}	pa	117	-	144	240	205	246	284	-	728	327	375	143
	N	4		10	11	12	13	9		12	11	1	1
	Er	8.74		10.0	8.35	19.2	29.27	55.78		65.29	16.13	-	-
14 _{EW}	pa	135	-	215	358	276	283	341	-	960	362	287	111
	N	6		10	9	12	15	14		11	6	1	1
	Er	5.9		13	13.17	15.35	9.32	30.29		90.54	10.46	-	-
15 _{NS}	pa	343	-	231	420	522	916	1256	-	2288	740	500	540
	N	10		10	14	16	11	12		13	11	5	1
	Er	18.51		21.83	24.46	15.7	75.03	132		195.72	29.67	16.58	-
15 _{EW}	pa	366	-	370	484	592	1048	1475	-	1721	728	439	409
	N	8		7	7	10	12	15		13	11	1	1
	Er	57.16		18.2	16.97	22.78	94.75	186.84		135.58	-	-	-
16 _{NS}	pa	1034	-	862	563	1273	1552	3699	-	6092	1314	1593	3422
	N	9		12	15	10	10	10		10	7	1	1
	Er	90		18	46	35	172	142		240	116	-	-
16 _{EW}	pa	445	-	238	563	725	1184	2244	-	5603	967	616	1300
	N	4		7	6	8	8	11		8	6	1	1
	Er	90		153	24.35	133	150	359		618	38.85	-	-
17 _{NS}	pa	109	-	147	206	332	846	635	-	3213	498	435	539
	N	13		14	11	14	15	13		9	11	4	1
	Er	14.42		12.71	4.66	5.12	32.71	47.53		388	19.56	55.11	-
17 _{EW}	pa	61	-	88	126	235	540	654	-	1823	548	661	306
	N	5		13	11	10	13	13		7	13	1	1
	Er	5.58		9.26	7.21	9.75	63.28	73.86		141	31.22	-	-

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Sta. No.		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
18 NS	pa	17	-	129	218	313	213	125	-	429	440	277	166
	N	5		12	11	13	12	8		12	12	1	1
	Er	3.8		18.3	6.8	8.97	7.5	11.1		60.4	21.7	-	-
18 EW	pa	12	-	49	120	260	253	120	-	883	458	547	221
	N	6		9	12	11	8	11		8	9	1	1
	Er	1.9		3.8	6.8	8.47	17.6	9.2		94.9		-	-
19 NS	pa	31	-	35	62	78	83	50	-	43	210	34	54
	N	5		9	11	10	12	4			12	1	1
	Er	7.6		2.8	3.1	3.8	5.9	5.8			10	-	-
19 EW	pa	46	-	47	65	72	71	68	-	168	396	187	92
	N	5		9	14	11	8	8		5	13	1	1
	Er	3.5		4.4	3.4	2.8	2.9	7.1		8.8	15	-	-
20 NS	pa	21	-	43	81	129	180	437	-	411	406	270	325
	N	7		10	14	11	10	7		3	11	1	1
	Er	1.8		6.5	3.3	7.7	18.5	70.0		50.7	34.2	-	-
20 EW	pa	29	-	50	78	116	207	590	-	1675	440	410	235
	N	11		13	10	12	10	6		5	12	1	1
	Er	4.16		6.25	1.9	3.68	25.4	64.4		144.7	16.1	-	-
21 NS	pa	99	-	100	126	125	162	231	-	452	333	586	132
	N	8		18	12	11	11	12		14	8	1	1
	Er	10		16	9.2	8.6	20	44		28	19	-	-
21 EW	pa	71	-	77	93	200	210	324	-	480	482	402	205
	N	3		9	10	15	9	10		17	14	1	1
	Er	2.7		7.7	7.5	21	21	34		35	35	-	-

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Sta. No.		FREQUENCY											
		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
22	pa	84	-	80	106	134	160	167	-	620	581	833	683
NS	N	5		7	9	12	6	7		11	9	1	1
	Er	13.3		12.6	9.04	4.2	25.4	14.6		14.7	58.7	-	-
22	pa	64	-	88	87	118	169	185	-	504	855	408	391
EW	N	6		7	10	14	6	10		13	11	1	1
	Er	7.1		11.9	5.9	5.5	14.1	15.8		46.5	55.0	-	-
23	pa	33	-	49	80	110	199	290	-	403	431	350	325
NS	N	4		10	11	10	10	12		11	11	1	1
	Er	4.6		4	4.4	3.6	13	27		33	15	-	-
23	pa	52	-	62	82	118	200	252	-	454	382	457	161
EW	N	10		10	12	11	10	11		12	13	1	1
	Er	5.9		6.2	2.9	3.7	20.1	16.8		16.8	2.1	-	-
24	pa	57	-	126	221	489	1139	1613	-	2423	1192	1049	870
NS	N	1		6	7	9	7	8		10	9	3	1
	Er			20.8	35.7	32.3	102.5	157		256.8	139.2	360	-
24	pa	85	-	107	167	359	947	1160	-	2851	1534	1445	873
EW	N	2		10	8	9	8	8		11	10	4	1
	Er	13.4		14	16.5	27.0	92	175.3		353.7		15.1	-
25	pa	25	-	49	119	260	188	134	-	155	201	344	67
NS	N	3		7	9	14	12	12		9	10	1	1
	Er	0.8		7.8	5.6	33	12.5	22.7		4.8	9.4	-	-
25	pa	18	-	44	133	261	178	71	-	188	270	235	117
EW	N	3		10	11	10	11	8		13	10	1	1
	Er	2.4		4.8	10.6	17.6	16.6	7.0		13	8.7	-	-

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		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
26	pa	35	-	48	121	244	705	946	-	486	429	1450	205
NS	N	4		8	9	10	8	9		9	10	1	1
	Er	7.8		4.8	9.5	54.6	58.9	161.5		43.5	15.6	-	-
26	pa	40	-	99	134	404	686	1697	-	582	545	593	272
EW	N	8		8	12	12	11	10		10	15	1	1
	Er	4.5		7.8	7.9	24.2	106.3	545.2		53.8	28.96	-	-
27	pa	55	-	47	148	225	273	402	-	312	263	326	133
NS	N	7		8	11	11	13	10		11	11	3	1
	Er	5.4		3.8	17	11	17	41		35	10.6	43	-
27	pa	47	-	68	156	409	265	747	-	415	355	427	229
EW	N	6		8	12	14	9	10		13	15	1	1
	Er	8.6		8.8	11	45	25	134		28	8.1	-	-
28	pa	32	-	48	113	144	188	278	-	577	359	185	198
NS	N	6		9	10	9	11	11		10	9	4	1
	Er	8.8		3.7	8.8	4.7	18.9	13.8		18.4	6.4	7.23	-
28	pa	33	-	40	70	125	255	293	-	311	289	193	121
EW	N	6		9	11	12	10	6		9	11	1	1
	Er	5.2		4.9	6.5	15.5	24.5	50.8		24.9	21.9	-	-
29	pa	19	-	12	36	47	51	80	-	158	120	116	140
NS	N	7		7	8	8	8	6		9	8	1	1
	Er	1.9		1.2	2.8	2.2	4.0	13		21	2.3	-	-
29	pa	22	-	21	45	76	48	43	-	105	116	116	130
EW	N	5		7	9	9	10	9		9	12	1	1
	Er	3.9		1.9	3.4	3.4	2.6	6		9.4	3.4	-	-

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		FREQUENCY											
Sta. No.		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
30 _{NS}	pa	41	—	28	61	70	48	45	—	65	119	130	19
	N	5		8	12	11	11	9		9	11	1	1
	Er	25.9		20.4	5.5	2.1	3.3	9.3		11	5.6	—	—
30 _{EW}	pa	15	—	42	98	166	68	39	—	90	158	147	93
	N	4		10	10	11	9	8		11	9	1	1
	Er	2.4		4.5	9.6	6.0	4.3	7.5		5.6	21.7	—	—
31 _{NS}	pa	36	—	60	215	197	140	79	—	96	81	64	44
	N	4		11	10	10	12	11		11	10	1	1
	Er	6		4.9	11	6	16.5	8.8		5.6	2	—	—
31 _{EW}	pa	25	—	98	116	172	177	115	—	74	74	60	40
	N	5		12	10	10	12	13		9	12	1	1
	Er	10		16	7	9	12	15		6	1.3	—	—
32 _{NS}	pa	123	—	169	148	181	165	89	—	196	112	149	114
	N	7		10	10	8	6	11		9	9	1	1
	Er	20		19.5	10.8	8.6	8.6	4.3		17.8	6.8	—	—
32 _{EW}	pa	103	—	131	225	206	184	137	—	235	183	126	109
	N	6		9	12	11	9	9		10	11	1	1
	Er	18.4		14.3	17.6	12.9	19.2	10.3		18.6	14.26	—	—
33 _{NS}	pa	45	—	61	101	94	83	121	—	159	129	105	114
	N	10		10	9	9	8	10		13	10	1	1
	Er	5.2		4.6	6.2	7.8	7.1	11		14	4.9	—	—
33 _{EW}	pa	92	—	79	95	94	89	81	—	114	119	108	92
	N	7		10	11	8	11	12		12	11	1	1
	Er	12		5.7	4.3	2.4	6.4	11		9	4.8	—	—

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Sta. No.		FREQUENCY											
		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
34	pa	35	-	53	123	213	313	317	-		528	790	237
NS	N	6		10	11	10	8	3		5	6	1	1
	Er	6.0		4.8	7.7	8.3	26.8	23		96.7	30	-	-
34	pa	52	-	160	278	331	441	-	-	-	647	426	131
EW	N	8		11	10	11	9				11	1	1
	Er	5.9		13.1	18.4	16.2	23.5				64.7	-	-
35	pa	39	-	59	156	138	116	69	-	133	132	98	103
NS	N	7		11	11	13	13	8		8	10	1	1
	Er	5.5		4.5	12	6.3	6.1	6.4		9.6	3.3	-	-
35	pa	64	-	148	253	269	276	206	-	494	304	255	185
EW	N	13		16	11	12	17	10		11	12	1	1
	Er	8.6		17	13	12	14	38		49	7.6	-	-
36	pa	120	-	160	201	228	225	60	-	338	337	319	167
NS	N	10		10	10	8	11	4		10	9	1	1
	Er	23.1		10.4	12.02	14.7	0	5.3		50.4	13.1	-	-
36	pa	80	-	144	303	332	324	393	-	358	320	267	174
EW	N	7		9	11	12	9	13		10	12	2	1
	Er	11.9		17.1	22.7	21.9	9.9	60.3		27.3	16.6	3.2	-
37	pa	72	-	139	276	313	234	-	-	318	256	355	183
NS	N	5		12	11	9	10			9	10	1	1
	Er	13		17	28	15	14			65	4.6	-	-
37	pa	67	-	137	311	339	217	336	-	523	278	259	217
EW	N	4		12	12	11	11	7		10	10	1	1
	Er	2.9		10	17	20	13	35		54	27	-	-

U.S. GEOLOGICAL SURVEY A.M.T. DATA LOG

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Sta. No.		FREQUENCY											
		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
38	pa	48	—	93	153	195	153	147	—	212	160	203	89
NS	N	8		8	11	11	10	8		13	12	1	1
	Er	2.7		6.2	13	8	6.1	16.0		25	4.2	—	—
38	pa	118	—	165	240	205	176	200	—	137	182	137	174
EW	N	8		13	14	12	13	10		10	10	1	1
	Er	13		13.6	18.2	4.1	6.2	21.3		8.8	6.2	—	—
39	pa	450?	—	455	547	442	335	397	—	400	308	214	325
NS	N	13		11	13	14	11	10		11	11	1	1
	Er	148		26	66	28	43	26		24	17	—	—
39	pa	355	—	377	495	367	258	323	—	326	373	303	346
EW	N	4		12	13	11	12	10		11	11	1	1
	Er	66		30	51	26	19	36		23	6.8	—	—
40	pa	64	—	124	209	256	180	132	—	300	260	969	169
NS	N	6		9	12	12	14	7		7	14	4	1
	Er	2.5		4.7	3.9	3.7	2.7	2.8		14.2	2.4	64.1	—
40	pa	35	—	64	102	150	227	489	—	354	212	165	134
EW	N	6		10	10	11	11	12		7	11	1	1
	Er	3.1		7.8	5.5	7.6	19.7	77.9		44.8	10.1	—	—
41	pa	34	—	57	234	391	455	157	—	233	301	144	190
NS	N	8		8	11	15	12	11		11	11	1	1
	Er	4.0		4.5	33	24	30	20		12	10	—	—
41	pa	100	—	120	296	388	688	1208	—	548	292	226	226
EW	N	4		11	12	12	14	12		12	11	1	1
	Er	8		3	6	2.5	11	30		10	5.6	—	—

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Sta. No.		FREQUENCY											
		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
42 _{NS}	pa	31	-	47	112	206	219	89	-	219	246	164	180
	N	7		6	10	10	12	11		7	12	5	1
	Er	3.2		4.9	6.3	11.9	18.2	5.2		37.9	8.5	5.2	-
42 _{EW}	pa	39	-	91	181	228	282	749	-	459	188	193	223
	N	7		12	10	12	11	12		10	11	1	1
	Er	4.13		6.7	8.5	6.3	14.3	65.7	-	323	15.8	-	-
43 _{NS}	pa	94	-	98	142	398	667	1642	-	819	746	710	489
	N	8		11	11	13	12	10		13	17	1	1
	Er	9.4		8.1	7.6	10.6	75	312?		75	37	-	-
43 _{EW}	pa	102	-	87	151	211	310	2620	-	550	498	530	658
	N	11		12	11	11	12	6		15	10	1	1
	Er	14		7.5	12	8.7	21	256?		47	42	-	-
44 _{NS}	pa	283	-	374	554	800	1080	932	-	473	418	236	401
	N	12		10	10	11	11	10		12	10	5	1
	Er	58.4		45.4	45.2	30.3	43.6	105.2		20.2	23.7	16.6	-
44 _{EW}	pa	179	-	213	342	505	806	978	-	373	322	379	282
	N	9		13	10	14	11	10		10	10	1	1
	Er	25.3		11.9	12.8	19.8	65	106.9		37.7	14	-	-
45 _{NS}	pa	51	-	45	59	77	75	78	-	118	83	51	73
	N	3		9	9	11	9	11		11	16	1	1
	Er	15.6		7.8	4.3	4.6	2.7	13.9		14.9	5.5	-	-
45 _{EW}	pa	140	-	127	131	129	73	65	-	190	124	98	141
	N	5		11	12	12	11	10		11	11	1	1
	Er	18		11	6	4.4	5.6	7.9		17.6	7.5	-	-

U.S. GEOLOGICAL SURVEY A.M.T. DATA LOG

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"NOTE" - Telluric line orientation indicated with station numbers.

Sta. No.		FREQUENCY											
		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
46 _{NS}	pa	38	—	26	91	103	51	30	—	50	81	72	34
	N	5		9	11	10	13	10		11	11	1	1
	Er	6.3		4.5	5.6	4.2	3.25	2.4		2.3	2.6	—	—
46 _{EW}	pa	82	—	85	135	99	44	25	—	57	61	71	30
	N	7		12		8	5	8		10	11	3	1
	Er	8		7.2		7.2	3.4	2.7		2.8	2.5	4.7	—
47 _{NS}	pa	143	—	298	520	583	380	904	—	529	460	226	129
	N	5		11	10	11	12	14		9	10	1	1
	Er	17		30	24	20	30	87		40	22	—	—
47 _{EW}	pa	384	—	605	754	1033	795	782	—	1278	505	452	380
	N	10		10	11	10	13	12		13	13	1	1
	Er	40.6		76	26	35	65	93		155	34	—	—
48 _{NS}	pa	106	—	156	259	405	371	400	—	1013	688	432	297
	N	5		7	11	11	11	6		9	10	1	1
	Er	16.6		12.2	13.1	22.5	11.0	35.7		72.4	22	—	—
48 _{EW}	pa	138	—	157	240	340	785	1451	—	2013	800	465	379
	N	8		8	10	8	11	11		9	11	1	1
	Er	17.3		13	17.8	9.8	65.2	167.6		33.4	29	—	—
49 _{NS}	pa	140	—	322	436	416	567	—	—	535	391	162	142
	N			10	10	10	11			7	11	1	1
	Er			55	68	30	36			67	10	—	—
49 _{EW}	pa	208	—	703	557	132	855	—	—	508	335	308	168
	N	5		22	11	12	10			6	10	1	1
	Er	13		68	23	24	83			54	16.6	—	—

U.S. GEOLOGICAL SURVEY A.M.T. DATA LOG

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		FREQUENCY											
Sta. No.		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
50 _{NS}	pa	35	-	42	50	72	95	228	-	127	221	106	104
	N	5		9	11	12	11	12		11	11	1	1
	Er	2.7		5.6	4.4	2.6	6.7	30.9		11.4	8.08	-	-
50 _{EW}	pa	84	-	100	164	166	204	409	-	372	384	295	170
	N	11		12	11	12	10	12		11	15	1	1
	Er	8.28		6.14	8.8	11.9	15.4	24.		33.	102.	-	-
51 _{NS}	pa	471	-	407	323	347	560	1200	-	621	284	197	159
	N	11		12	10	10	14	16		11	10	1	1
	Er	49		42	21	30	64	106		70	8.2	-	-
51 _{EW}	pa	143	-	223	181	232	326	992	-	433	276	177	177
	N	11		7	12	11	11	12		10	11	1	1
	Er	15		14	6.3	10.7	35	116		47	10	-	-
52 _{NS}	pa	298	-	506	866	1023	1062	1579	-	1950	595	592	425
	N	12		12	11	13	10	10		12	12	1	1
	Er	37.4		41.4	54.2	68.9	152.7	259.8		158.1	40	-	-
52 _{EW}	pa	429	-	728	1199	1414	862	1317	-	1574	702	591	605
	N	6		12	12	13	11	4		10	11	1	1
	Er	47.6		70.3	49.6	33.9	44.4	198.9		77.9	39.4	-	-
53 _{NS}	pa	19	-	45	85	148	341	341	-	78	167	141	59
	N	3		8	12	13	12	6		5	12	1	1
	Er	0.9		3.8	8.0	4.8	5.2	36		5.7	4.1	-	-
53 _{EW}	pa	31	-	29	65	137	242	644	-	170	160	109	143
	N	7		11	13	11	13	10		11	14	1	1
	Er	3.7		2.8	4.1	17.5	6.2	50		12	7.0	-	-

U.S. GEOLOGICAL SURVEY A.M.T. DATA LOG

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"NOTE" - Telluric line orientation indicated with station numbers.

Sta. No.		FREQUENCY											
		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
54 _{NS}	pa	57	-	103	264	285	435	-	-	130	149	81	89
	N	6		9	12	13	12			7	11	1	1
	Er	12		24	39.7	35.7	20.8			27.2	7.7	-	-
54 _{EW}	pa	83	-	101	186	350	195	606	-	193	128	123	109
	N	7		7	11	10	11	11		7	12	1	1
	Er	9.2		10.1	9.3	11.2	12.8	51.5		19.5	4.8	-	-
55 _{NS}	pa	501	-	546	741	611	563	269	-	880	832	318	116
	N	9		12	10	13	11	10		10	10	1	1
	Er	59		41	38.5	14.9	44	19.9		57	49	-	-
55 _{EW}	pa	585	-	756	648	531	554	575	-	-	878	747	453
	N	10		12	13	14	11	9			16	1	1
	Er	92		54	26.7	10.1	53	81			42	-	-
56 _{NS}	pa	145	-	216	336	344	546	515	-	632	492	370	325
	N	8		11	12	13	13	8		10	11	1	1
	Er	21.9		22.3	23.5	17	52	74.7		-	7.2	-	-
56 _{EW}	pa	358	-	363	538	545	509	663	-	1969	739	682	333
	N	10		12	12	11	10	10		8	12	1	1
	Er	33.3		32.2	32	15	23.9	70.6		174	23.6	-	-
	pa												
	N												
	Er												
	pa												
	N												
	Er												