

RICARD OBSERVATORY
UNIVERSITY OF SANTA CLARA
SANTA CLARA, CALIF.



January 1955.

1.	GW	cPN iSTNZ	12:15:01 12:15:46	Fallon, Nev.
3.	GW	ME	19:17:19	
5.	GW	cPTNZ iSE cLE	01:09:38 01:18:59 01:36:14	USCGS 50S 162 $\frac{1}{2}$ E
5.	GW	cPTNZ cSE cLE	18:00P13 Di1 18:12:48 18:28:21	USCGS 16S 167 $\frac{1}{2}$ E
6.	GW	iPE iSE cLTZ	00:06:17 00:18:07 00:23:26	USCGS 16S 167 $\frac{1}{2}$ E
6.	GW	MZ	03:08:31	USCGS 16S 167 $\frac{1}{2}$ E
8.	GW	cPTNZ cSE cLE	07:46:03 Comp 07:55:56 08:10:19	USCGS 11 $\frac{1}{2}$ S 166 $\frac{1}{2}$ E
9.	GW	cPTNZ iSTNZ	09:11:56 Comp 09:12:43	USCGS 39N 118W
11.	GW	iSEN	10:23:34	
12.	GW	cSEN	11:59:39	
13.	GW, W	cPTNZ ipPTNZ iSTZ MZ	02:10:42 Di1 02:10:55 Di1 02:16:23 02:20:11	USCGS 53N 167 $\frac{1}{2}$ W
20.	GW	MZ	04:04:21	USCGS 15N 104 $\frac{1}{2}$ W
31.	GW	cSE cLE	16:24:34 16:28:30	USCGS 46 $\frac{1}{2}$ N 153E

by John A. Weber, SJ

SANTA CLARA, CALIF.
 UNIVERSITY OF SANTA CLARA,
 RICARD OBSERVATORY,



February 1955.

3.	GW	cPZ cLN	12:43:28 Comp 12:45:42	
6.	GW	cPZ cLE	02:38:06 Comp 03:00:55	USCGS 71N 13 $\frac{1}{2}$ W
7.	GW	cPTN iSTN	13:50:22 13:51:18	
7.	GW	cLE	17:53:00	
11.	GW	cPTZ iSonz	16:13:39 16:14:30	USCGS 39 $\frac{1}{2}$ N 118W
11.	GW	cPEZ cSE	19:45:58 19:46:44	
15.	GW	cPZ cSE MEZ	06:33:28 Di1 06:45:28 07:00:54	USCGS 14S 166 $\frac{1}{2}$ E 60km
15.	GW	MEZ	19:21:12	
26.	GW	ME	03:09:10	USCGS 54N 153 $\frac{1}{2}$ W
27.	GW, W	iPEZ c Z cLZ	20:55:49 Di1 21:06:18 21:20:22	USCGS 27 $\frac{1}{2}$ S 176W Mag 8

by John A. Weber, SJ

Ricard observatory.
University of Santa Clara
Santa Clara, Calif.



March 1955.					
1.	GW	cPZ ipPZ cSNZ	04:48:58 Comp 04:49:53 Comp 04:58:35		USCGS 65N 133W
1.	GW	ME	14:19:12		USCGS 65N 133W
2.	W	iSEN	04:04:03		
2.	GW, W	cPENZ iSEN	15:59:28 Comp 15:59:52		USCGS 36N 121W
6.	GW	cLE	11:45:11		USCGS 9 $\frac{1}{2}$ N 122 $\frac{1}{2}$ E
6.	GW	ME	14:22:52		USCGS 9 $\frac{1}{2}$ N 122 $\frac{1}{2}$ E
7.	GW	ME	05:35:23		USCGS 18S 169E
7.	GW	ME	15:31:31		USCGS 27 $\frac{1}{2}$ S 176W
9.	GW	ME	04:01:15		
10.	GW	cPEZ cSE cLE	21:21:35 Dil 21:29:48 21:42:28		USCGS 13 $\frac{1}{2}$ S 173 $\frac{1}{2}$ W
11.	GW	ME	09:25:31		USCGS 16N 98W
14.	GW	ipPEZ ipPEZ iSE isSE	13:19:23 Dil 13:20:12 Dil 13:28:19 13:29:16		USCGS 52 $\frac{1}{2}$ N 173 $\frac{1}{2}$ W 100km
14.	GW	iPEN iSENZ	18:25:45 18:25:54		USCGS 39 $\frac{1}{2}$ N 118W
16.	GW	cLE	22:13:33		USCGS 26 $\frac{1}{2}$ S 115W
18.	GW, W	cPENZ iSE cLE	00:16:08 Comp 00:23:41 00:31:58		USCGS 54 $\frac{1}{2}$ N 161E
19.	GW	ME	12:08:20		
22.	GW	MEZ	03:10:42		USCGS 45N 28W
22.	GW	cSENZ	03:17:07		
22.	GW	cSENZ	04:08:05		USCGS 39 $\frac{1}{2}$ N 118 $\frac{1}{2}$ W
22.	GW	cPE cSE ME	14:06:42 14:14:20 14:34:17		USCGS 65 $\frac{1}{2}$ N 133W
22.	GW	cPE cSE ME	14:28:10 <i>PKS</i> 14:45:51 <i>-SSP</i> 15:08:18		USCGS 8 $\frac{1}{2}$ S 92E
23.	GW	ME	18:11:17		USCGS 56 $\frac{1}{2}$ S 147E
30.	W	cPEN iSEN	22:48:23 22:48:53		
31.	GW	cPZ cZ MZ	18:31:27 Dil 18:44:48 19:04:29		USCGS 8N 124E

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Apr 1955.

4.	GW	ME	11:57:49	USCGS 22N 121E
4.	GW	cSE cLEZ	19:41:00 19:44:38	USCGS 13N 87W
5.	GW, W	iPENZ cSEN cL\$N	15:13:11 Dil 15:16:04 15:17:20	USCGS 25N 110W
10.	GW	ME	18:25:38	USCGS 8N 125E
13.	GW	iSENZ	11:34:57	Fallon, Nev.
14.	GW	cPEZ c E c E cLE	01:47:10 Dil 01:53:43 01:56:13 02:09:29	USCGS 30N 101½E
15.	GW	cPEZ c E ME	04:01:08 Comp 04:06:25 04:21:37	USCGS 40N 74½E
17.	GW	iPZ cSE cLE	18:45:25 Dil 18:52:42 18:58:44	USCGS 52N 159½E 60km
19.	GW	ME	17:38:28	USCGS 39½N 23E
19.	GW	cPENZ cSEN cLE	20:36:35 Dil 20:46:49 21:04:01	USCGS 30S 72W
20.	GW	cPZ cSEN cLE	02:25:02 Dil 02:35:20 02:56:42	USCGS 30½S 72½W
20.	GW	cPZ cSEN cLE	06:00:58 Comp 06:11:21 06:23:26	USCGS 30½S 72½W
23.	GW	iPZ cLE	18:39:15 Comp 18:57:28	USCGS 24½S 113W
24.	GW	ME	13:57:37	USCGS 45N 86E
25.	GW	cPEN	10:46:00	USCGS 32N 115W
26.	GW	ME	03:23:39	USCGS 13½N 89½W
28.	GW	ME	00:58:52	USCGS 8½S 108½W
28.	GW	cPZ iSE cLE	19:12:52 Dil 19:19:15 19:22:38	USCGS 51N 178½W
29.	GW	iSEN	15:15:30	Felt Oakland, Calif.
30.	GW	cLE	01:55:03	USCGS 12½N 87W

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May 1955.

1.	GW	MNE	10:29:43	USCGS 39 $\frac{1}{2}$ N 143 $\frac{1}{2}$ E
3.	GW	ME	15:54:00	USCGS 12 $\frac{1}{2}$ S 166 $\frac{1}{2}$ E
7.	GW, W	iSTNZ	11:51:31	USCGS 39N 122 $\frac{1}{2}$ W
7.	GW	iSTNZ	14:57:08	USCGS 39N 122 $\frac{1}{2}$ W
8.	GW	iSTNZ	10:39:18	39N 122 $\frac{1}{2}$ W
11.	GW	iPZ ME	11:13:43 Dil. 11:32:38	USCGS 0, 78W
13.	GW	ME	04:01:14	USCGS 19 $\frac{1}{2}$ N 64W
14.	GW, W	cP\$NZ i ENZ i E i E ME	20:02:30 Dil. 20:04:03 Dil. 20:08:51 20:11:45 20:16:13	USCGS 29N 126 $\frac{1}{2}$ W
17.	GW	cPZ c E ME	15:09:04 Comp. 15:28:27 15:41:03	USCGS 7N 94 $\frac{1}{2}$ E
21.	GW	ME	04:37:19	
23.	GW	ME	18:31:57	USCGS 18S 169E
25.	GW	ME	03:30:10	USCGS 14N 92 $\frac{1}{2}$ W
26.	GW	cEZ c E cLE	16:36:00 Comp. 16:47:32 17:02:31	USCGS 9 $\frac{1}{2}$ N 79 $\frac{1}{2}$ W
26.	GW	ME	22:06:12	USCGS 10S 160 $\frac{1}{2}$ E
28.	GW	cPE iSN	19:45:24 19:46:11	USCGS 35 $\frac{1}{2}$ N 118W
29.	GW	cLE	13:45:17	USCGS 56N 155W
29.	GW	ME	17:04:16	
29.	GW	ME	22:16:58	USCGS 56N 155W
30.	GW	iPENZ iSTNZ cLE	12:42:57 12:51:15 12:57:18	USCGS 24 $\frac{1}{2}$ E-24 $\frac{1}{2}$ N 142 $\frac{1}{2}$ E 600km

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SANTA CLARA, CALIF.



Date	Station	Code	Time	Location
June 1955. 2.	GW	cPENZ cSE cLE	00:27:05 Dil 00:33:15 00:36:51	USCGS 51 $\frac{1}{2}$ N 180.
5.	GW	cPENZ cSE cLE	02:01:49 02:07:39 02:13:20	USCGS 51 $\frac{1}{2}$ N 180.
8.	GW, W	cPE iSENZ	06:03:12 06:03:19	Felt in Watsonville, Calif.
8.	GW	iSENZ	12:24:03	
12.	GW	cSE ME	20:49:09 20:59:51	USCGS 49N 155E
14.	GW, W	cPENZ iSE cLNZ	06:16:27 Comp 06:20:43 06:23:38	USCGS 20N 107W
14.	GW	ME	17:56:55	
14.	GW	cLE	19:39:04	USCGS 25N 113W
15.	GW	ME	16:17:39	USCGS 3S 153E 100km
16.	GW	iPNZ cSEN cLE	12:10:54 Dil 12:13:47 12:15:42	
17.	GW	ME	22:44:35	
19.	GW, W	cPEZ iSENZ	19:22:13 19:22:48	USCGS 39N 118 $\frac{1}{2}$ W
19.	GW, W	cPEZ iSENZ	19:26:22 19:27:02	39N 118 $\frac{1}{2}$ W
19.	GW	ME	21:42:40	USCGS 53 $\frac{1}{2}$ N 166W
20.	GW, W	iPENZ iSENZ cLEZ	12:15:28 Dil 12:21:50 12:27:40	USCGS 51 $\frac{1}{2}$ N 180.
27.	GW	ME	02:12:53	Nr Colima, Mex.
28.	GW	cPZ cSE ME	04:37:49 04:45:47 04:56:17	USCGS 86 $\frac{1}{2}$ N 70E
30.	GW	ME	20:32:24	150 mi. off coast Oregon.

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Date	Station	Code	Time	Notes	Location
July 1955. 3.	GW	cPTNZ cSTNZ cLE	14:34:46 14:41:22 14:48:02	Comp	USCGS 52N 178E
4.	GW	iPTNZ cSE cLE	14:28:00 14:34:35 14:41:15		USCGS 51 $\frac{1}{2}$ N 177E
5.	GW	cSTNZ	00:24:19		
6.	GW	cPZ cSE cLE	02:04:00 14:42:30 02:19:54	Di1. 02:11:52	USCGS 51N 177E
10.	GW	cPTZ cSE cLE	14:32:53 14:42:30 14:53:05		USCGS 20S 176 $\frac{1}{2}$ W
13.	GW	ME	19:25:35		USCGS 6S 154 $\frac{1}{2}$ E
14.	GW	ME	04:19:00		USCGS 6S 154 $\frac{1}{2}$ E
15.	GW	cPZ c E c E cLE	06:25:07 06:32:37 06:39:32 06:55:30	Comp	USCGS 37 $\frac{1}{2}$ N 27E
17.	GW	cPZ cSE cLE	22:07:00 22:11:18 22:14:19	Comp	USCGS 54N 168W
20.	GW	c E cLE	00:03:09 00:05:40		USCGS 56 $\frac{1}{2}$ N 153W
21.	GW	cPTN cSE csSTN	11:57:20 12:05:30 12:06:27		USCGS 25S 74W 100km
25.	GW	cPTZ cSE cLE	04:11:25 04:14:51 04:17:56		USCGS 56 $\frac{1}{2}$ N 153W
27.	GW	cPTNZ cSE cLE	18:25:06 18:29:46 18:31:57	Di1	USCGS 56 $\frac{1}{2}$ N 153W

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 SANTA CLARA, CALIF.



August 1955.

6.	GW	oPTENZ epPTENZ oSEnz osSE	08:42:53 Di1 08:44:11 Di1 08:52:19 08:54:50	USCGS 21 $\frac{1}{2}$ S 177 $\frac{1}{2}$ W 350km
8.	GW	oPTENZ iSEnz	03:23:08 03:23:42	USCGS 35 $\frac{1}{2}$ N 119W
8.	GW, W	oPTENZ iSEnz	10:36:22 Di1 10:36:59	USCGS 38.5N 118.8W
14.	GW	oLEn	17:23:58	USCGS 33S 179W
16.	GW	oLE	04:40:20	USCGS 12 $\frac{1}{2}$ N 88 $\frac{1}{2}$ W
16.	GW	oPTENZ oSE osSE ME	12:00:06 Comp 12:10:18 09:50 12:10:18 12:28:43	USCGS 6S 155E 200km
16.	GW	oLE	19:33:10	USCGS 12 $\frac{1}{2}$ N 86 $\frac{1}{2}$ W
21.	GW	o JE o EN oLE	17:52:42 17:58:53 18:20:20	USCGS 3S 137 $\frac{1}{2}$ E
25.	GW	iPTENZ oSNZ MNZ	15:34:30 Di1 15:36:02 15:37:42	USCGS 43 $\frac{1}{2}$ N 129W
24.	GW	MEZ	07:01:08	
27.	GW	oPTEN oSEnz	07:01:39 07:02:18	
28.	GW	oPTENZ oSEnz oLE	20:20:38 Di1 20:26:23 20:31:43	USCGS 14N 91W 60km

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 SANTA CLARA, CALIF.



Sept 1955.	GW			
3.		cPENZ cSE cLE	12:43:35 Di1 12:49:30 12:56:31	USCGS 14N 91W 100km
5.	GW, W	iPENZ	02:01:23	USCGS 37 $\frac{1}{2}$ N 122W
8.	GW	c E ME	03:52:12 04:14:24	USCGS 7S 155 $\frac{1}{2}$ E
9.	GW	ME	17:10:38	USCGS 7S 155E
10.	GW	cPENZ cSTENZ	19:37:41 19:38:38	
11.	GW	cSE cLE	18:18:01 18:38:31	USCGS 7S 155E
12.	GW	ME	07:01:36	USCGS 32 $\frac{1}{2}$ N 30E
12.	GW	cPE iSTEN	11:25:32 11:25:37	
13.	GW	c E cLE	02:14:27 02:19:37	USCGS 52N 176W
15.	GW	ME	13:27:17	USCGS 13:5S 134 $\frac{1}{2}$ E
20.	GW	cSE cLE	13:43:51 14:01:54	USCGS 32S 178W
21.	GW	ME	07:18:56	USCGS 17 $\frac{1}{2}$ S 169E
21.	GW	cLE	07:57:07	USCGS 14S 141 $\frac{1}{2}$ W
21.	GW	cLE	09:21:20	
22.	GW	cLE	04:08:57	USCGS 24N 123E
23.	GW	c E cLE	15:39:40 15:56:01	USCGS 27N 101 $\frac{1}{2}$ E
24.	GW	c E cLE	02:40:57 02:49:08	
25.	GW	c E ME	19:31:40 19:46:13	USCGS 6N 127 $\frac{1}{2}$ E 100km
26.	GW	cPENZ iSTEN ME	08:34:55 Di1 08:40:13 08:46:13	USCGS 15 $\frac{1}{2}$ N 92 $\frac{1}{2}$ W 200km
28.	GW	cPENZ iSTENZ	09:53:15 09:53:54	
28.	GW	cPZ cSE cLE	18:16:02 Comp 18:22:15 18:27:58	
30.	GW	MZ	19:33:52	

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SANTA CLARA, CALIF.

October 1955.

5.	GW	ME	09:25:08	USCGS 53 $\frac{1}{2}$ N 161E
9.	GW	cLoz	18:24:08	USCGS 5S 153E
10.	GW	cPE cLE	09:22:39 09:38:49	USCGS 5S 153E
13.	GW	iPEZ cSE cLE	09:39:28 Dil 09:49:57 10:06:28	USCGS 9 $\frac{1}{2}$ S 161E
15.	GW	ME	22:16:15	USCGS 12N 87W
14.	GW	ME	09:04:38	USCGS 3S 103 $\frac{1}{2}$ W
19.	GW	cPE cSE ME	10:04:50 10:12:47 10:23:38	USCGS 49 $\frac{1}{2}$ N 155E
21.	GW	iPZ iPPZ cSENZ	19:13:46 19:15:59 19:22:56	USCGS 21S 179W 650km
21.	GW	c E ME	23:38:12 24:00:56	USCGS $\frac{1}{2}$ S 123 $\frac{1}{2}$ E
24.	GW, WS	iPENZ	04:10:55	USCGS 37.9N 121.9W
25.	GW	cLE	16:50:18	USCGS 16 $\frac{1}{2}$ N 95 $\frac{1}{2}$ W
27.	GW	iSENZ	19:33:56	
31.	GW	cLE	01:24:39	USCGS 54 $\frac{1}{2}$ N 176 $\frac{1}{2}$ W



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November 1955.



International
 Seismological
 Centre

2.	GW _W	cPENZ iSENZ	19:40:35 19:40:58	USCGS 36N 121W
4.	GW	cPENZ cSEN	22:56:33 Comp 23:06:57	USCGS 35 $\frac{1}{2}$ S 69 $\frac{1}{2}$ W 100km
5.	GW	cLE	07:27:30	USCGS 24 $\frac{1}{2}$ N 109W
7.	GW	cPEN iSENZ	19:51:42 19:51:49	
10.	GW	cPEZ cSE c E ME	01:55:21 Comp 02:04:35 02:05:35 02:14:10	USCGS 15S 174W 100km
15.	GW	cPZ c E ME	10:12:57 10:17:44 10:19:44	USCGS 55 $\frac{1}{2}$ N 155W
11.	GW	cPENZ i ENZ iSENZ	20:26:33 Comp 20:26:43 20:27:28	USCGS 39.4N 118W
22.	GW	cPE cSE cLE	03:34:26 03:42:51 03:50:10	USCGS 24 $\frac{1}{2}$ S 123W
23.	GW	ME	03:35:27	USCGS 24 $\frac{1}{2}$ N 90E
23.	GW	cPENZ iSENZ cLE	06:39:10 06:47:08 06:55:14	USCGS 50 $\frac{1}{2}$ N 157E 60km
25.	GW	iSEN	16:31:51	
26.	GW	cPE iSE	17:39:39 17:40:54	USCGS 32N 116W

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RICARD OBSERVATORY
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December 1955.

1.	GW	cFEN iFEN	10:26:29 10:26:52	
7.	GW	MEZ	15:43:--	USCGS 26 $\frac{1}{2}$ N 142 $\frac{1}{2}$ W
15.	GW	ME	19:46:20	USCGS 31 $\frac{1}{2}$ S 149W
17.	GW	cFE	05:21:01	
17.	GW	cFENZ iFENZ	06:09:43 Dil 06:11:14	USCGS 33N 115 $\frac{1}{2}$ W
17.	GW	cFEN	06:54:44	
22.	GW	cSENZ	12:06:51	USCGS 39N 118 $\frac{1}{2}$ W
22.	GW	cSENZ	12:08:15	



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