

Ricard Observatory
 University of Santa Clara
 Santa Clara, Calif.



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January 1947.

15.	GT	iPz eSEN oLEN	18:31:20 18:54:10 18:54:44	D(S-P) 15.2 ⁰ 1690km
20.	GT	oLEN	10:47:29	
23.	GT	MLENZ	16:13:48	
25.	GT	ePEZ eLEN	04:00:10 04:12:28	
26.	GT	oPENZ oSEN	10:14:20 10:20:12	D(S-P) 37.9 ⁰ 4210km

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61-41
 55-37
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February 1947.

5.	GW	1P _Z 1SEZ	06:14:48 06:15:11	D(S-P) 1.7 ⁰ 190km
6.	GW	eP _{EZ} iSN	17:21:45 17:22:40	D(S-P) 4.6 ⁰ 510km
7.	GW	eP _Z eSE ME	8:53:11 9:05:48 9:19:42	D(S-P) 86.8 ⁰ 9645km
8.	GW	MEN	10:42:42	
8.	GW	MEN	18:11:10	

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March 1947.



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2.	GW	iPZ	19:27:01	
		ePPE	19:32:26	
		e E	19:41:05	D 80° 8890km 5520m
		eLE	19:53:25	
7.	GW	MENZ	4:55:29	
17.	GW	ePPZ	8:57:25	China.
		e N <i>PPPS?</i>	8:48:43	USCGS 29°N 100°E
		MEN	9:06:28	D(PP-H) 103° 11445km
25.	GW	ePZ	20:46:01	
		eSEN	20:57:02	
		<i>b</i> eLE	21:11:16	D(S-P) 92.2° 10245km

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57-02	45-61	56-62
46-01	32-15	32-15
<hr/> 11-01	<hr/> 13-46	<hr/> 24-47

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April 1947.



2.	GW	ePZ ePPENZ eSKSENZ ePPSE eSSE eLEN	5:53:03 5:57:04 6:05:36 6:06:01 6:11:39 6:24:19	Near New Guinea. USCGS 1°S 141°E D 93° 10335km
10.	GW	ePZ iPE	15:59:19 15:59:34	Northeast of Los Angeles. USDCGS 35.0°N 116.6°W D(P-L) 4.9° 545km 340m
10.	GW	e E	17:20:00	LA aftershock.
10.	GW	e E	17:21:13	LA aftershock.
14.	GW	ePZ eSIN eLEN	7:26:16 7:35:23 7:45:30	Japan. USCGS 45°N 146.5°E D(S-P) 69.4° 7710k 4790m
14.	GW	ePZ eSEN	16:36:02 16:36:15	D(S-P) .8° 90km 56m.
24.	GW	iPZ eSEN eLN	19:47:26 19:57:31 20:10:54	Atlantic Ocean. USCGS 8°N 57.5°W D(S-P) 80.3° 8920km 5540m
26.	GW	LN	13:35:00	
27.	GW	e NZ	8:09:40	
30.	GW	iPZ eSNZ LN	4:53:11 4:59:46 5:05:31	D(S-P) 26.8° 2980k 1850m

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May 1947.

2.	GW	ePz eSENZ eLENZ	02:25:47 02:30:50 02:34:25	South. of Aleutian Isls. USCGS 54°N 164°W D(S-P) 50.8° 5420km 2123m
6.	GW	ePz eSESE ePPSE eLEZ	20:44:00 20:54:18 20:56:12 21:13:21	near New Guinea. USCGS 7°S 150°E. D93° 10335km 6420m (P-II*)
9.	GW	MEZ	00:18:00	Northwest Canada. USCGS 61°N 139°W.
17.	GW	ePz eSN eLEZ	7:20:14 7:31:16 7:45:41 7:51:27	Northeast of New Zealand. USCGS 37.5°S 180°. D(S-P) 92.4° 10265k 6375m
27.	GW	ePz eSE MEZ	6:13:00 6:24:00 6:50:40	North of New Guinea. USCGS 2°S 141°E D(S-P) 92.0° 10220km 6345m
27.	GW	ePz iSENZ	20:59:42 21:00:44	D(S-P) 5.2° 580km 362m.

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June 1947.

7.	GV	ePz eLE	19:06:35 19:53:32	Philippine Isls. USCGS 11°N 127°E
12.	GV	iPz eSE eLE	9:21:09 9:37:01 9:51:17	Near Gilolo Isl. USCGS 1°N 127°E
13.	GV	iPz iSE eLEZ	20:37:01 20:47:10 21:00:48	North of Guam. USCGS 19°N 146°E D(S-P) 81.0° 9000km 5590m
14.	GV	eLE	00:26:18	North of Guam, aftershock.
19.	GV	MP	2:50:44	
19.	GV	iPz eSEZ eLE	7:46:42 7:55:39 8:11:04	North of Guam. USCGS 22°N 146°E. D(S-P) 67.2° 7535k 4680m
22.	GV	iPNZ iPE	23:29:45 23:29:44	Felt at Santa Clara.



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July 1947.				
7.	GW	iPENZ iSENZ	4:40:42 4:41:02	D(S-P) 1.4° 165km 103mi.
10.	GW	e EN MEN	11:11:47 11:15:34	Baffin Bay. USCGS 73°N 70°W.
10.	GW	e NZ eLEN	16:11:57 16:23:10	Off Guatemala. USCGS 14°N 93°W.
12.	GW	e Z ME	2:09:25 2:23:30	Kurile Isls. USCGS 45°N 149°E
12.	GW	ePZ ME	12:41:28 15:02:06	Tonga Isls. USCGS 20°S 176°W.
24.	GW	ePE eISEW eLEN	12:29:51 12:41:13 12:56:18	New Hebrides. USCGS 18.5°S 170°E. D(P-II) 85° 9445km 5865mi.
24.	GW	ePE iSENZ	22:12:21 22:15:39	No.1. Southern Calif. D(S-P) 6.7° 740km 462mi.
24.	GW	e ENZ	22:57:21	No.2. So. Calif.
25.	GW	e ENZ	00:48:17	No.3. So. Calif.
25.	GW	e ENZ	01:59:40	No.4. So. Calif.
25.	GW	ePE iSENZ	06:21:30 06:22:21	No.5. So. Calif.
25.	GW	e F	16:17:40	No.6. So. Calif.
26.	GW	ePE e ENZ	02:51:38 02:52:30	No.7. So. Calif.
29.	GW	ePE ME	14:02:05 14:44:18	Border of Tibet and Burma. USCGS 29.5°N 97°E.
31.	GW	e Z ME	08:18:04 08:19:08	

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August 1947.				
1.	GW	eLE	13:45:50	
1.	GW	eLE	14:31:38	
5.	GW	ePPZ ePSZ eLE	14:44:20 14:54:10 15:29:00	Arabian Sea. USCGS 25°N 62°E. D(PP-II) 119.6° 13290km 8255ni.
6.	GW	ePZ e Z iSE	5:56:54 5:58:55 6:04:59	Border of Brazil & Peru. USCGS 9.5°S 72°W. depth. 550km
7.	GW	iPZ eSE e E MENZ	00:48:35 00:55:04 00:59:13 01:09:25	Near Santiago, Cuba. USCGS 19.8°N 75.8°W. D(S-P) 43.5° 4855km 3005ni
10.	GW	iPE iSEN	21:58:36 21:58:46	Near Hollister, Calif. D(S-P) .7° 85km 53ni.
18.	GW	eSN eLN	06:23:44 06:30:16	
23.	GW	ePZ	9:29:51	Felt at Santa Clara.
27.	GW	ePZ e Z eSEN eLE	13:51:00 13:55:06 14:02:13 14:14:18	near New Zealand. USCGS 42°S 179°E. D(S-P) 94.0° 10445km 6485n
28.	GW	ePZ eSENZ eLE	7:00:17 7:03:19 7:18:00	Near Kamohatka. USCGS 49°N 155°E. D(S-P) 57.4° 6380km 3960n.
28.	GW	ePZ eSENZ MENZ	14:39:04 14:46:47 14:56:12	Near Kamohatka. USCGS 52°N 159°E. D(S-P) 54.4° 6045km 3755ni
28.	GW	ePEN eSN	20:00:44 20:10:41	Chile. USCGS 29.5°S 71°W. D(S-P) 78° 8665km 5380ni.

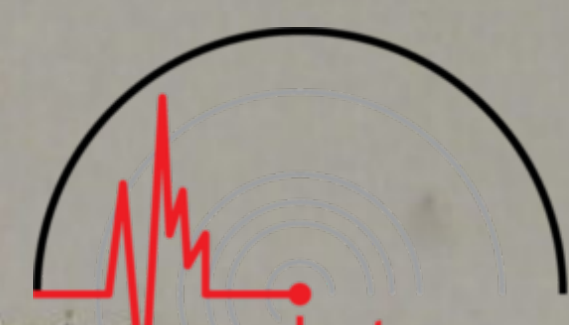
ppz

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35-24
70-18
5-06

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50-36
19-32

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Sept 1947.

2.	GV	ePNZ eSE	14:44:02 14:53:27	Near Tonga Islands. USCGS 20°S 179°W D(S-P) 72.7° 8080km 5020mi.
3.	GV	iPZ oSE eLE	19:09:05 19:19:39 19:35:42	Near Solomon Islands. USCGS 11°S 162°E D(S-P) 86.1° 9565km 5940mi.
8.	GV	e E	05:33:17	Near Reno, Nevada.
8.	GV	e E	07:15:44	Near Reno, Nevada.
20.	GV	ePENZ iSN	18:02:04 18:02:09	D(S-P) 0.4° 40km 25mi.
22.	GV	e Z Mz	02:18:14 02:21:46	
23.	GV	e N e N eLEN	13:01:02 13:09:03 13:27:36	
23.	GV	ePZ i N i EZ iSN	13:54:03 13:54:36 13:55:14 13:55:20	Felt on No. Calif. coast. D(S-P) 6.6° 730km 456mi.
26.	GV	e N e N Mz	00:08:32 00:15:14 00:21:05	
26.	GV	iPZ iSE	16:15:04 16:25:26	D(S-P) 83.6° 9290km 5770mi.

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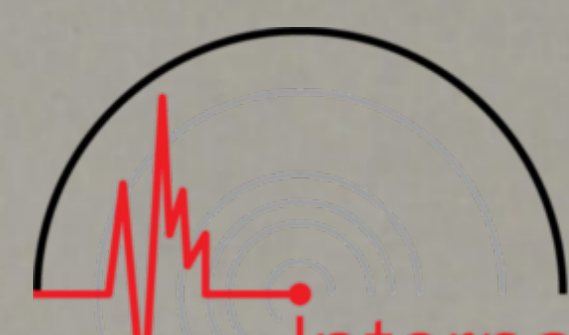
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October 1947.				
3.	GW	iPz e Z	06:32:18 06:33:42	
3.	GW	e ENZ	06:41:42	
3.	GW	e Z	06:55:14	
3.	GW	iPz eLE	23:37:42 23:42:15	Mexico. USCGS 19°N 102°W
4.	GW	MENZ	16:12:12	
5.	GW	MENZ	19:28:47	Near New Guinea. USCGS 3°S 140°E
6.	GW	ePz e E e E MNZ	20:13:23 20:21:18 20:44:38 20:49:49	Near New-Guinea, Greece. USCGS 37°N 21°E
7.	GW	iPz MENZ	1:59:49 2:12:28	Alaska. USCGS 64.5°N 146°W
10.	GW	MN	08:04:01	Near Japan. USCGS 40°N 144°E
10.	GW	e ENZ MEN	14:26:26 14:43:12	Kermadec Isls. USCGS 30°S 180°
14.	GW	e N MEN	02:23:39 02:23:44	Kermadec Isls. USCGS 32°S 180°
15.	GW	ePz e E	08:58:03 08:59:54	
16.	GW	iPz eEN ME	03:16:08 03:21:25 03:26:15	Alaska. USCGS 64.5°N 148.8°W D(S-P) 32.5° 3610k 2240n.
20.	GW	ePz eEN e N MEN	01:49:37 01:55:07 01:58:49 02:02:20	Alaska, Aftershock.
21.	GW	iPEN i N	02:46:00 02:46:05	
31.	GW	MN	15:21:58	

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November 1947.

1.	GW	iPZ eSN MEN	15:09:40 15:18:23 15:35:40	Peru. USCGS 11°S 75°W D(S-P) 63.9° 7100km 4410mi.
2.	GW	ePz eLN	07:01:43 07:02:57	Near Cape Mendocino, Calif. USCGS 40°N 127°W
4.	GW	ePz eSN eLN	00:20:22 00:29:55 00:58:46	Japan. USCGS 43°N 140°E. D(S-P) 73.2° 8135km 5050mi.
9.	GW	iPZ eSN eLF	05:10:50 05:21:18 06:03:40	Loyalty Isls. USCGS 23°S 171°E D(S-P) 84.4° 9380km 5825mi.
12.	GW	MEN	01:45:33	Gulf of Calif. USCGS 29°N 114°W
12.	GW	MEN	02:22:40	"
12.	GW	MEN	02:49:40	"
12.	GW	ePEZ eSE eLF	16:31:48 16:42:10 16:59:38	Loyalty Isls. USCGS 23°S 171°E D(S-P) 83.2° 9245km 5740mi.
15.	GW	ePz e LZ	22:29:49 22:50:03	
18.	GW	ePz eSN	22:00:14 22:01:07	Southern Calif. D(S-P) 4.4° 495km 309mi.
21.	GW	ePz eSN eLN	03:59:14 04:03:27 04:05:53	Off Coast of Mexico. USCGS 19°N 107°W D(S-P) 23.8° 2645km 1645mi.
21.	GW	MEN	19:45:02	
23.	GW	iPZ e LZ eLF	19:48:48 09:51:00 09:51:44	

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December 1947.

15.	GW	^{PE} ePZ MEN	19:38:27 20:08:30	Pacific Ocean. South of New Zealand. USCGS 59°S 161°W.
16.	GW	ePEZ	09:21:52	
16.	GW	e ENZ	11:52:25	Gulf of California. USCGS 30°N 114°W.
23.	GW	ePZ	02:02:17	
23.	GW	ePLENZ	17:02:35	
26.	GW	ePZ IENZ	16:56:37 17:25:02	
31.	GW	ePZ eSN eLENZ	15:18:06 15:27:17 15:39:00	D(S-P) 70.2° 7800km 4845mi.

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