

No. 1

PASADENA LOCAL SHOCKS

January, 1943



Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	14:24:17	37 34	118 44	C	4	Northern Owens Valley
2	06:11:18	33 25	116 25	C	4.5	San Jacinto fault near Santa Rosa Mt. Felt in San Diego and Riverside Counties
	15:49:17	33 52	117 21	C	3.5	Near Riverside
3	22:12:06	32 58	116 00	C	3	Near Borego Valley
7	16:24:03	32 58	116 00	C	4	Near Borego Valley
	17:24:04	32 58	116 00	C	3	Near Borego Valley
9	05:45:27	32 58	116 00	C	3	Near Borego Valley
15	10:58:29	35 07	119 00	C	3	Near Buena Vista Lake
16	03:50:3	37.5	113.1	D	4	Felt at Cedar City, Utah (CGS)
23	22:55:57	34 20	119 35	C	3	Near Santa Barbara
28	15:59:50	33 07	116 25	C	3	Agua Caliente fault near Verruga
30	02:45:11	33 44	117 00	C	3	Near Hemet

February, 1943

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
3	10:22:55	33 47	118 12	C	2.5	Near Wilmington
4	13:22.9	36.2	118.5	D	3	Kern River, west of Haiwee. Felt in Sequoia National Park (CGS)
	20:25:38	34 07	117 25	C	2.5	Near Rialto
5	11:08:07	32 58	116 00	C	3.5	Near Borego Valley
9	18:59:19	32 58	116 00	C	3	Near Borego Valley
10	15:04:32	32 58	116 00	C	3	Near Borego Valley
11	05:54:18	34 13	117 31	C	3	Near Cucamonga Park
	21:43:44	33 45	117 58	C	3	Near Huntington Beach
13	11:11:14	33 15	117 16	C	2.5	Near Bonsall
	15:30:59	36 01	117 57	C	2.5	Near Haiwee
16	21:52:37	34 18	116 56	C	2.5	Lucerne Valley
17	00:32:30	35 01	118 56	C	3	Near Wheeler Ridge, Kern County
	02:20:55	33 10	116 20	C	3.5	Borego Valley
18	06:53:19	37 34	118 44	C	4	Northern Owens Valley
	17:06:11	33 18	115 41	D	3.5	Near Niland
19	00:48:34	33 18	115 41	D	3	Near Niland
23	01:21:12	32 51	117 29	C	4	Off La Jolla
	17:58:31	32 58	116 00	C	4	Near Borego Valley
24	22:19:33	32 58	116 00	C	3.5	Near Borego Valley
25	00:25:03	35 04	116 50	C	3.5	Northeast of Barstow
	12:28:25	36 15	117 58	C	3.5	Near Haiwee
	18:01:50	36 15	117 58	C	3.5	Near Haiwee
27	22:35:36	32 58	116 00	C	3.5	Near Borego Valley

March, 1943

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
2	23:28:10	33 47	116 14	C	3.5	Near Indio
3	02:50:20	33 47	116 14	C	3	Near Indio
	05:05:40	33 47	116 14	C	3	Near Indio
4	14:54:15	36 58	117 15	C	3	Near Tinemaha
6	12:14.5	37.4	114.1	D	4	By Lake Mead stations. Near Joseco, Nevada
	12:34:10	34 38	118 25	C	3	San Andreas fault, near Hughes Lake
	22:42:27	33 41	117 53	C	2.5	Near Huntington Beach
7	12:56:31	32 58	116 00	C	4	Near Borego Valley
8	16:19:17	32 58	116 00	C	3.5	Near Borego Valley
11	16:56:51	33 22	117 20	C	2.5	Near Fallbrook
12	00:00:52	34 38	118 25	C	3	San Andreas fault near Hughes Lake
15	06:09:25	32 58	116 00	C	3.5	Near Borego Valley
16	01:27:47	34 17	119 36	C	3	Near Santa Barbara
	16:40:44	32 44	115 26	C	4.5	Imperial fault, Imperial Valley. Felt at El Centro, Brawley, and Holtville (P,CGS)
	16:52:20	32 44	115 26	C	3.5	Aftershock; felt at El Centro (CGS)
	16:56:34	32 44	115 26	C	3.5	Aftershock; felt at El Centro (P,CGS)
18	15:06:21	33 35	116 34	C	3.5	San Jacinto fault, near Anza
20	12:51.9	29.6	113.3	D	5	Gulf of California
25	19:50:44	36 09	117 57	C	3.5	Near Haiwee. Felt there
	22:29:57	32 58	116 00	C	4	Near Borego Valley
28	22:41:07	32 58	116 00	C	3	Near Borego Valley
29	00:27:30	32 58	116 00	C	2.5	Near Borego Valley
	02:28.2	36 08	117 58	C	2.5	Near Haiwee
30	02:35:19	32 58	116 00	C	3	Near Borego Valley
	13:07.5	39.0	120.5	D	5	Lake Tahoe region. Felt at Sacramento, Markleeville, Truckee, Reno, etc. (CGS)

C. F. Richter

J. M. Nordquist

No. 3

PASADENA LOCAL SHOCKS

April, 1943

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
4	07:48:45	36 08	117 58	C	3.5	Near Haiwee
4	07:51:50	36 08	117 58	C	3.5	Near Haiwee
5	02:54:00	33 58	116 40	C	2.5	Morongo Valley
6	01:03:24	33 40	116 51	C	3	San Jacinto fault zone near Hemet Felt in that area (P, CGS)
6	14:36:24	34 41	119 00	C	4	Near Stauffer
6	19:46:14	32 58	116 00	C	4	Borego Valley
8	02:49:09	33 56	116 00	C	3	Little San Bernardino Mts. N E of Indio
8	05:22:41	34 33	118 57	C	3	North of Fillmore, felt Fillmore (CGS)
10	10:31:41	32 58	116 00	C	3.5	Borego Valley
14	00:47:42	32 58	116 00	C	3	Borego Valley
15	23:04:05	33 40	117 00	C	3	Near Hemet
17	04:08:34	32 50	119 06	C	3.5	Off the coast, west of San Diego
20	00:43:25	34 24	118 34	C	3	Near Saugus
20	14:43:42	32 58	116 00	C	3.5	Borego Valley
23	17:12:12	36 00	117 36	C	3.5	Near Coso Hot Springs
23	21:03:15	36 00	117 36	C	3	Near Coso Hot Springs
26	19:28:00	32 58	116 00	C	3.5	Borego Valley
26	19:28:33	32 58	116 00	C	4	Borego Valley
26	19:43:27	32 58	116 00	C	3	Borego Valley
30	07:52:56	32 58	116 00	C	4	Borego Valley

May, 1943

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	07:00:32	34 38	118 35	C	3	San Andreas Fault zone? West of Hughes Lake
3	15:22:47	33 59	117 17	B	3	Felt at Riverside (CGS)
4	10:43:27	32 58	116 00	C	3	Borego Valley
7	20:42.4	35.7	118.4	D	2.5	Region of Kernville. Felt there (CGS)
8	07:07.1	34.0	118.2	D	3	S.E. Los Angeles ?
8	07:59:17	34.01	117 16	C	2.5	Near Riverside
9	09:18:37	33 03	115 40	C	3.5	Felt, Brawley and Niland (BSSA)
17	11:21:20	33 40	118 09	C	3	San Pedro Channel
18	07:28:03	32 58	116 00	C	3	Borego Valley
18	14:35:35	33 40	118 05	C	3	San Pedro Channel. Felt, Long Beach (P) (CGS)
19	09:55:24	35 43	118 26	C	2.2	Felt, Kernville (CGS)
24	01:21:52	34 44	118 56	C	2.5	Near Frazier Mt.
26	18:41:20	35 57	116 27	C	3	South end of Death Valley
28	23:22:25	32 58	116 00	C	3.5	Borego Valley
29	17:27:56	34 26	117 28	C	3	Blast? Mojave Desert near Phelan
29	18:39:15	32 58	116 00	C	3.5	Borego Valley, Felt (CGS)
29	23:50:54	36 08	117 58	C	4	Near Haiwee. Felt, Haiwee Power Plant (CGS)
31	12:16:53	37 23	118 36	C	4.5	Round Valley, N.W. Inyo County. Felt widely in the Sierra and in Northern Owens Valley.

No. 4

PASADENA LOCAL SHOCKS

June 1943

Date	P.S.T.	Lat.	Long.	Q	M	P.M.	Remarks
2	20:59:37	33 30	116 45	C	2.2		Near Camilla. Felt at Oak Grove ranger station (CCS)
7	00:23:21	32 58	116 00	C	3.5		Borego Valley
7	10:32:14	33 44	117 56	C	2.5		Near Garden Grove
11	05:26:13	33 50	117 04	C	3.5		Near Lakeview, Riverside Co.
12	11:21:41	33 20	116 06	C	4		West Shore of Salton Sea
12	13:11:32	34 02	118 00	B	2.5		West of Puente
14	03:38:00	33 51	117 26	C	2.5		Near Riverside
18	08:15:46	33 07	116 07	C	4.5		Borego Valley
22	07:31:21	37 32.2	118 40	C	4		Northern Owens Valley
22	12:56:01	35 45	116 39	C	3		Southern end of Death Valley
24	22:00:57	33 14	115 50	C	3.5		West shore of Salton Sea
24	23:16:58	33 14	115 50	C	3		" " " "
29	01:52:18	34 28	116 57	C	2.5		Lucerne Valley

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No.5

PASADENA LOCAL SHOCKS

July 1943

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	08:19:20	35 37	116 24	C	3	Avawatz Mts., Mojave Desert
3	19:21:35	32 58	116 00	C	3	Borego Valley
4	03:22:00	33 41	116 01	C	3	Near Coachella, San Andreas fault zone
4	07:19:21	33 41	116 01	C	3	Near Coachella, San Andreas fault zone
4	13:53:10	33 57	117 37	B	3	Felt, Ontario and near Elsinore
9	19:12:33	35 44	118 14	C	4	Near Weldon; felt west of Inyokern
15	13:38	33.0	118.5	D	4	Off northern coast of Baja, California
16	21:02:00	32.3	115.5	D	3.5	Near Volcano Lake, Baja California
17	15:33:22	33 48	118 00	C	3	Orange County, near Stanton
18	10:30:46	34 34	118 40	C	2.5	Near Sandberg, San Andreas fault
18	22:55:21	32 58	116 00	C	3	Near Borego Valley
21	21:04:39	32 58	116 00	C	3	Near Borego Valley
24	00:12:30	36 14	118 00	B	3	Near Haiwee
25	18:30:02	33 01	115 34	C	3.5	Near Brawley
27	13:44:05	33 53	116 52	C	3	San Jacinto Fault, near Banning
28	17:23:57	32 58	116 00	C	2.5	Near Borego Valley

August 1943

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
3	00:05:53	32 58	116 00	C	3	Near Borego Valley
7	08:59:47	34:17	119 34	C	3.5	Near Santa Barbara
✓ 8	21:30:04	38:12	118 12	C	3.5	Near Filben, Nev. Felt
✓ 9	20:42:40	37:52	117 39	C	3.5	Region of Goldfield, Nev.
11	08:01:02	33 48	117 52	C	3	Near Anaheim; felt
11	22:41:09	33 30	116 38	C	3	San Jacinto fault; near Anza
12	07:56:33	34 45	121 09	C	3.5	Off Point Arguello
12	11:58:27	33 33	118 15	C	2	San Pedro Channel
✓ 17	07:50:58	32 58	116 00	C	4	Borego Valley, Felt, Carriso Gorge
✓ 17	16:30:16	35 46	116 31	C	3.5	South end of Death Valley
24	02:51:54	34 02	116 41	C	3	Morongo Valley
27	00:16:53	34 26	119 52	C	3.5	Near Santa Barbara; felt there (CGS)
✓ 28	19:43:09	34 16	116 58	C	3.5	San Bernardino Mts. Near Big Bear Lake Felt at Seven Oaks
✓ 28	19:45:13	34 16	116 58	C	3.5	Near Big Bear Lake. Felt as far as the coast at Santa Monica
✓ 28	19:57:54	34 16	116 58	C	4	Near Big Bear Lake. Felt at Lake Arrowhead (CGS) and at Seven Oaks.
✓ 28	21:16:30	34 16	116 58	C	4	Near Big Bear Lake. Felt at Riverside (CGS)
31	06:59:17	34 14	117 00	C	3	Near Big Bear Lake

No. 6

PASADENA LOCAL SHOCKS

September 1943

Date	P.S.T.	Lat.	Long	Q	M	Remarks
15	02:57:33	36 01	117 56	C	3	Near Haiwee
15	04:38:02	36 01	117 56	C	3	Near Haiwee
15	16:16:11	36 01	117 56	C	4	Near Haiwee
15	16:47:19	36 01	117 56	C	3	Near Haiwee
15	23:52:22	36 01	117 56	C	4.5	Near Haiwee. Felt at Trona (CGS)
16	00:13:36	36 01	117 56	C	3	Near Haiwee
17	12:48:41	36 01	117 56	C	2.5	Near Haiwee
18	09:07:16	34 22	119 35	C	3	Near Santa Barbara
18	16:58:45	34 22	117 08	C	3	San Bernardino Mts.
19	04:40:48	34 00	117 30	B	2.5	Near Mira Loma
19	22:20:24	36 01	117 56	C	3	Near Haiwee
22	12:16:04	36 01	117 56	C	2.5	Near Haiwee
23	05:21:37	33 59	118 18	C	2.5	South-west Los Angeles. Felt (CGS)
24	02:41:48	34 03	117 27	B	2.5	Near Riverside
28	22:35:38	33 26	116 26	C	3	San Jacinto fault. Near Santa Rosa Mtn.
28	22:36:06	33 26	116 26	C	3.5	San Jacinto fault. Near Santa Rosa Mtn.

October 1943

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
5	19:05:43	34 13	116 54	B	3	San Bernardino Mts. Near Big Bear Lake
7	19:24:57	35 02	118 56	C	3	East of Wheeler Ridge
10	20:53:22	34 00	116 41	C	3.5	North of Whitewater Felt at Banning (CGS)
14	06:28:44	34 20	116 53	C	4.5	San Bernardino Mts. north east of Fawnskin
14	16:19:38	34 20	116 53	C	3.5	San Bernardino Mts. north east of Fawnskin
15	08:50:01	34 21	116 52	C	4.5	San Bernardino Mts. north east of Fawnskin. Felt at Fawnskin (CGS)
15	08:58:56	34 20	116 53	C	3	San Bernardino Mts. north east of Fawnskin
19	19:14:10	33 51	117 52	C	3	Near Fullerton
20	13:33:59	33 52	118 37	C	3	Santa Monica Bay
21	04:02:51	36 01	117 56	C	2.5	Near Haiwee
23	16:29:21	33 56	117 22	C	4	Near Riverside. Felt there and at Corona, Idyllwild, etc. (CGS)
25	20:51				5.5	Felt in the San Francisco Bay region; minor damage at San José
26	11:56:26	33 31	116 15	C	3	North of Santa Rosa Mts.
27	21:58.9	33	115	D	4	Southeast Imperial County
28	06:11:02	33 22	116 30	C	3.5	San Jacinto fault near Clark Dry Lake
28	06:19:25	33 22	116 30	C	3	Aftershock
29	08:31:09	33 47	117 52	C	3.5	Near Orange. Felt at Orange and Santa Ana
30	14:28:18	33 11	116 02	C	3.5	San Jacinto fault west of Salton Sea
31	09:54.1	35.8	120.8	D	3.5	Near Cholame
31	05:12:10	33 47	116 12	C	4.5	Little San Bernardino Mts. near India Felt at Indio (P) (CGS) and Thermal (CGS)

No.7

PASADENA LOCAL SHOCKS

November 1943

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	22:43:55	31 58	119 11	C	3	Off the coast of Baja California
2	08:39:08	32 58	116 00	C	3	Borego Valley
2	08:47:59	32 58	116 00	C	4.5	Borego Valley. Felt at Carriso Gorge (CGS)
2	08:54:14	32 58	116 00	C	3.5	Borego Valley. Felt at Carriso Gorge (CGS)
2	08:56:02	32 58	116 00	C	3	Borego Valley. Felt at Carriso Gorge (CGS)
2	08:57:16	32 58	116 00	C	4	Borego Valley. Felt at Carriso Gorge (CGS)
2	09:42:28	32 58	116 00	C	3.5	Borego Valley
2	09:50:41	32 58	116 00	C	4.5	Borego Valley. Felt at Carriso Gorge and Oak Grove Ranger Station (CGS)
2	09:53:05	32 58	116 00	C	4	Borego Valley. Felt at Carriso Gorge (CGS)
2	10:01:13	32 58	116 00	C	3.5	Borego Valley. Felt at Carriso Gorge (CGS)
2	10:01:34	32 58	116 00	C	4	Borego Valley. Felt at Carriso Gorge (CGS)
2	14:55:24	32 58	116 00	C	3.5	Near Borego Valley
2	20:12:50	37 34	118 44	C	3.5	Long Valley
2	20:25:39	37 34	118 44	C	4	Long Valley
4	15:38:15	32 58	116 00	C	3.5	Near Borego Valley
5	14:02:20	34 24	116 51	B	2.5	Lucerne Valley
5	19:45	37 21	114 15		3.5	Southeast Nevada. Felt (Location according to Lake Mead stations)
5	19:55	37 21	114 15		4	Same as preceding
8	03:33:46	36 00	119 55	C	3	Kettleman Hills. Felt at Avenal (CGS)
13	20:45:8	38.2	119.0	D	3	Near Bridgeport. Felt there and at Bridgeport dam. (CGS)
14	00:48:39	32 58	116 00	C	3.5	Near Borego Valley
14	04:21:07	33 46	116 48	C	3	San Jacinto fault near Ramona Hot Springs
16	10:08:41	32 58	116 00	C	3.5	Near Borego Valley
16	10:09:09	32 58	116 00	C	4	Near Borego Valley
17	05:28:41	33 55	116 42	C	4.5	San Geronimo Pass. Felt as far as Elsinore and Indio. (CGS)
21	16:39:53	34 05	117 07	C	3	Northeast of Redlands.
30	13:57.3	36.3	129.5	D	4	Region of Coalinga

No.8

PASADENA LOCAL SHOCKS

December 1943

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
6	10:00:46	33 22	118 36	C	2.5	Near Catalina Island
7	06:46:40	34 01	118 22	C	2.5	Baldwin Hills. Felt in Southwest Los Angeles, Inglewood and San Pedro (CGS)
8	02:54:09	34 14	116 15	C	3	Mojave Desert near Twenty-nine Palms
8	10:29:09	33 59	116 38	C	3	Near Whitewater
16	16:19:25	37 06	118 16	C	4	Near Tinemaha. Felt at Bigpine and Division Creek Station 2. (CGS)
16	19:54:35	37 06	118 16	C	3	Near Tinemaha. Felt there and at Bigpine and Division Creek Station 2 (CGS)
16	20:38:00	37 06	118 16	C	4	Near Tinemaha. Felt there and at Bigpine, Bigpine Power Plant No.3, Division Creek Power Plant No.2 (CGS)
18	15:04:38	34 41	117 05	C	2.5	Mojave Desert south of Barstow
21	07:37:21	33 54	118 35	C	3	Santa Monica Bay
22	07:50:28	34 20	115 48	B	5.5	Bullion Mts. south of Amboy. Felt at Iron Mt. pumping station, Amboy, Ludlow, Needles, and by a few persons in Los Angeles (P, CGS)
25	19:14:45	33 02	116 20	C	3.5	Agua Caliente fault near Vallecito
29	07:46:30	33 33	116 23	C	3	West of Coachella Valley
30	19:36:23	33 35	116 26	-	3	West of Coachella Valley

C.F. Richter

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October 25, 1944