

PASADENA LOCAL SHOCKS

No. 1

Beginning with this issue, magnitudes M are given to the tenth of a unit.

JANUARY 1944

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
4	10:06:40	34.1	120.4	D	3.3	Near San Miguel Island
4	10:54:17	33 57	116 49	C	3.0	Near Cabazon
5	19:47:48	33 45	116 08	C	3.1	San Andreas fault near Indio
14	00:08:21	33 44	118 09	B	3.3	Inglewood fault, near Alamitos Bay Felt at Long Beach (P)
15	23:00:35	34 19	117 05	B	3.1	San Bernardino Mts. near Lake Arrowhead
20	06:17:36	33 46	117 13	C	2.7	Near Perris
21	01:45:06	35 34	118 51	C	3.0	Northeast of Bakersfield
21	01:51:55	35 34	118 51	C	3.1	Northeast of Bakersfield
22	13:24:53	35 33	118 55	C	2.9	Near Bakersfield. Felt east of Bakersfield (CGS)
22	13:39:31	35 33	118 55	C	2.5	Near Bakersfield. Felt east of Bakersfield (CGS)
26	05:17:48	35 33	118 55	C	2.9	Near Bakersfield. Felt east of Bakersfield (CGS)
27	03:17:36	35 33	118 55	C	2.4	Near Bakersfield. Felt east of Bakersfield (CGS)
28	19:26:20	35 33	118 55	C	3.5	Near Bakersfield. Felt east of Bakersfield (CGS)
30	20:24:58	36.9	112.4	D	3.5	Northern Arizona. Felt at Fredonia, Arizona (CGS)
30	23:28:48	35 33	118 55	C	3.2	Near Bakersfield. Felt east of Bakersfield (CGS)
30	23:43:49	35 33	118 55	C	3.2	Near Bakersfield. Felt east of Bakersfield (CGS)
31	00:16:59	35 33	118 55	C	2.3	Near Bakersfield. Felt east of Bakersfield (CGS)
31	06:09:49	35 33	118 55	C	3.1	Near Bakersfield. Felt east of Bakersfield (CGS)

FEBRUARY 1944

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
3	08:05:38	35 33	118 55	C	2.6	Near Bakersfield. Felt east of Bakersfield (CGS)
4	07:41:26	32 58	116 00	C	3.8	Near Borego Valley
4	22:13:40	32 58	116 00	C	2.7	Near Borego Valley
18	08:29:37	34 06	119 31	C	2.1	Near Anacapa Island
19	22:31:07	33 43	118 02	B	3.0	Near Sunset Beach
23	10:51:27	35 21	117 49	C	3.0	Garlock fault zone near Garlock
23	15:42:45	35 27	118 30	C	3.6	Kern River region
24	22:51:02	35 05	116 37	C	3.4	Mojave Desert northeast of Barstow
28	02:46:02	37 34	118 44	C	3.4	Long Valley

PASADENA LOCAL SHOCKS

No. 2

MARCH 1944



Date	P.S.T.	Lat.	Long.	Q	M	Remarks
2	16:30:22	32 58	116 00	C	3.4	Near Borego Valley
6	19:50:24	33 50	115 42	C	3.6	Eagle Mts. northeast of Indio
7	23:54:51	37 36	114 09	C	3.5?	Vicinity of Crestline, Nevada
9	00:41:52	33 57	115 45	C	3.4	Northwest of Desert Center
9	00:58:21	33 57	115 45	C	3.3	Northwest of Desert Center
15	23:07:48	33 58	116 39	C	3.4	Near Whitewater
15	23:08:11	33 58	116 39	C	3.4	Near Whitewater
15	23:21:52	33 58	116 39	C	3.1	Near Whitewater
16	04:59:10	33.8	120.6	D	3.5	Southwest of Santa Rosa Island
22	00:09:01	34 00	116 28	C	3	Near Morongo Valley
24	07:02.3	35 ?	117 ?	D	2.9	Vicinity of Barstow
29	06:54.3	32.6	119.2	D	3 ?	Southwest of San Clemente Island
30	17:10:01	34 05	117 27	C	3.3	Near Riverside

APRIL 1944

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	02:16:16	34 01	116 04	C	3.6	Near Twenty-nine Palms
1	02:44:19	34 01	116 04	C	3.2	Near Twenty-nine Palms
2	18:33.0	34.5	121.4	D	4.0	Off Point Arguello
12	07:33:10	34 16	119 31	C	4.0	Off Carpinteria. Felt east of Santa Barbara (P)
15	20:10:02	34 10	117 29	C	3.3	Near Etiwanda; felt there (CGS)
19	22:02:11	33 52	118 03	C	2.9	Near Anaheim
20	09:05:50	34 04	115 51	C	3.4	East of Twenty-nine Palms
22	22:10:31	34 10	117 29	C	3.0	Near Etiwanda
27	10:11:29	34 10	117 29	C	3.1	Near Etiwanda
28	05:18:58	32 58	116 00	C	3.1	Near Borego Valley

MAY 1944

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
3	08:25:21	34 31	116 52	C	3.0	Lucerne Valley
4	18:02:24	34 31	116 52	C	3.1	Lucerne Valley
5	05:45:37	34 00	116 23	C	3.7	Northeast of Garnet
5	05:47:15	34 00	116 23	C	4.0	Northeast of Garnet
5	17:44:01	34 00	116 23	C	3.2	Northeast of Garnet
15	16:43.6	37.2	120.8	D	3.9	Felt at Los Banos (P)
19	04:06:14	34 02	117 31	B	2.8	Near Mira Loma
20	14:29:17	33 45	118 31	C	3.0	Off Point Vicente
22	11:58:47	33 45	118 31	B	3.8	Off Point Vicente
22	11:59:20	34 06	117 27	C	2.5	Near Fontana
26	04:06:54	33 48	118 28	B	3.2	Near Palos Verdes
31	16:50:43	35 32	118 47	C	2.3	Northeast of Bakersfield. Felt (CGS)
31	17:35:--	35 32	118 47	C	2.0	Northeast of Bakersfield. Felt (CGS)

C. F. Richter

J. M. Nordquist

PASADENA LOCAL SHOCKS

International
Seismological
Centre

No. 3

JUNE 1944

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
7	13:10:57	34 13	117 30	B	3.5	San Andreas fault zone near Cajon Felt Cajon (CGS)
7	17:11:55	37 32	118 40	C	4.0	Long Valley
7	17:32:14	37 32	118 40	C	3.7	Long Valley
10	03:11:49.9	33 58	116 48	A	4.5	San Andreas fault north of Cabazon Felt as far as Coachella, Fawnskin, Lake Arrowhead and Elsinore (CGS)
10	03:15:31	33 58	116 48	B	4.0	Same. Also felt
10	03:26:11	33 58	116 48	B	3.2	Same
11	05:06:37	32 58	116 00	C	3.6	Near Borego Valley
12	02:45:34.0	33 58	116 45	A	5.1	San Andreas fault north of Cabazon Felt as far as San Diego, Indio, Victorville and Oxnard. Intensity VI reported at Banning (P,CGS)
12	02:50:55	33 58	116 45	B	3.7	Same
12	03:13:45	33 58	116 45	B	3.5	Same
12	03:16:35.3	33 58	116 45	A	5.3	Same. Reported at slightly greater distances than the shock at 02:45, and with somewhat higher intensities (P,CGS)
12	03:39:08	33 58	116 45	B	3.6	Same
12	03:48:46	33 58	116 45	B	3.4	Same
12	05:45:26	33 58	116 45	B	3.8	Same. Felt (CGS)
12	06:43:19	33 58	116 45	B	3.5	Same
12	12:22:57	33 58	116 45	B	3.6	Same
12	14:21:19	33 58	116 45	B	4.2	Same
12	16:19:27	34 00	116 42	A	3.7	San Andreas fault ? North of Whitewater
13	00:27:32	34 40	120 30	C	4.6	Near Lompoc. Felt, Lompoc and Santa Maria (P)
13	00:46:43	34 40	120 30	C	4.0	Same. Felt, Lompoc and Santa Maria (P)
13	03:07:24	34 40	120 30	C	4.4	Same. Felt, Lompoc and Santa Maria (P)
13	05:20:48	33 58	116 48	C	3.2	Same as June 10
13	09:30:14	33 58	116 45	B	3.7	Same as June 12
13	10:37:05	33 58	116 45	C	3.3	Same as June 12
13	16:04:35	33 58	116 45	B	3.9	Same
13	17:21:44	33 58	116 45	C	3.3	Same
13	19:31:48.8	33 58	116 45	B	3.3	Same
14	01:46:31	33 58	116 45	B	3.5	Same
15	12:44:22	33 58	116 45	B	3.8	Same
15	18:12:02	34 14	116 25	C	3.2	Mojave Desert west of 29 Palms
17	15:41:02	33 58	116 45	B	3.4	Same as June 12
18	10:09:29	33 56	118 22	C	2.6	Inglewood fault near Hawthorne
18	16:03:33	33 52	118 13	B	4.5	Inglewood fault near Dominguez Junction. Slight damage at Compton, Gardena, etc. Felt generally in the Los Angeles metropolitan area (P, CGS)
18	19:06:07	33 52	118 13	C	4.4	Same. Felt
18	23:28:50	33 52	118 13	C	2.9	Same. Felt
18	23:53:11	33 52	118 15	C	2.7	Same. Felt
19	07:42:48	34 01	117 17	C	2.8	Quarry blast? Felt in San Bernardino (P)
19	15:56:43	34 03	117 23	C	2.9	Near Riverside. Felt in San Bernardino (P)

No. 4

PASADENA LOCAL SHOCKS

June 1944 (Continued)

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
20	05:42:21	33 58	116 45	B	3.2	Same as June 12
22	17:51:23	53 47	118 29	B	3.2	Off Point Vicente
23	13:28:42	33 58	116 45	C	3.6	Same as June 12
24	16:50:20	33 44	116 44	C	3.2	San Jacinto fault zone near Idylwild Felt Hemet (CGS)
26	05:02:17	34 00	118 20	C	1.5	Baldwin Hills region. Felt in Los Angeles(P)
27	08:55:49	33 58	116 45	C	3.4	Same as June 12
27	22:55:16	33 58	116 48	C	3.5	Same as June 10
28	02:19:50	33 58	116 45	B	3.3	Same as June 12
29	19:04:44	33 58	116 45	C	3.3	Same as June 12

Numerous minor aftershocks of the earthquakes of June 10 and June 12 were also recorded.

An exaggerated newspaper sensation was occasioned by reporting the shocks of June 18 as the strongest local shocks since 1933 - true, if at all, only of the intensity at Compton.

JULY 1944

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	02:53:58	33 58	116 45	B	3.7	San Andreas fault north of Cabazon
2	21:38:23	35 21	117 52	B	4.7	Garlock fault near Saltdale. Felt as far as Pasadena and Riverside
4	12:35:41	33 45	118 14	C	2.9	Long Beach
7	04:39:28	33 57	116 40	B	3.0	San Andreas fault north of Whitewater
8	17:54:39	37 30	118 35	C	3.7	Near Owens River Gorge; felt there and at Bishop (CGS)
9	08:42:17	34 03	117 40	B	2.9	Near Ontario
15	11:22:37	34 22	119 37	C	3.1	Near Santa Barbara
16	14:54:15	35 21	117 52	C	3.0	Garlock fault near Saltdale
17	21:19					Explosion at Port Chicago
19	13:58:10	33 30	116 34	C	3.3	San Jacinto fault near Santa Rosa Mt.
20	06:16:59	37 30	118 35	C	3.9	Near Owens River Gorge
21	18:02:55	33 29	116 51	B	3.7	Agua Caliente fault near Aguanga
22	06:51:25	33 46	118 54	C	3.0	Western San Pedro Channel
23	04:45:15	33 15	116 08	C	3.5	Southeast of Clark Dry Lake
25	00:20:54	33 53	117 43	C	3.0	East of Yorba Linda
26	01:11:53	33 59	116 26	C	3.6	Little San Bernardino Mts.
26	14:59:55	33 47	118 15	B	3.8	Wilmington. Felt in the harbor area and as far as central Los Angeles
26	20:45:18	35 42	118 20	C	2.7	Near Weldon. Felt at Isabella and Kernville (CGS)

C. F. Richter

February 15, 1945

J. M. Nordquist

No.5

PASADENA LOCAL SHOCKS

August 1944

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
2	20:07:20	36 38	115 27	C	2.8	South end of Desert Range, Clark County, Nevada
3	22:46:57	32 58	116 00	C	3.9	Near Borego Valley Felt, Carrizo Gorge (CGS)
6	17:18.9	39.5	120.0	D	4.2	Vicinity of Reno
9	06:01:05	35 56	117 46	C	4.0	East of Little Lake
12	00:25:20	35 56	117 46	C	4.1	East of Little Lake
12	13:21:20	35 56	117 46	C	3.4	East of Little Lake
12	22:27:57	35 56	117 46	C	3.7	East of Little Lake
15	01:40:00	34 18	117 09	C	3.0	Near Lake Arrowhead
15	22:32:28	33 42	118 06	C	3.5	Near Sunset Beach, Felt in Long Beach (Press)
16	18:52:40	34 18	117 09	C	3.3	Near Lake Arrowhead
20	03:33:10	32 58	116 00	C	4.0	Near Borego Valley
21	16:37:20	34 18	117 09	C	3.0	Near Lake Arrowhead
22	00:27:02	34 05	116 21	B	3.0	Little San Bernardino Mts.
22	01:48:53	33 58	116 45	C	3.0	San Andreas fault, north of Cabazon
22	10:22:30	34 00	116 42	C	3.1	North of Whitewater
24	25:28:45	34 00	116 42	C	3.0	North of Whitewater, preceded about 3 seconds earlier by another, M 2.7 ±
24	23:30:25	34 00	116 42	C	4.2	North of Whitewater, preceded by another, M 2.7 ±, 7 seconds earlier Felt, Palm Springs, Coachella (CGS)
24	23:37:34	33 56	116 42	C	3.0	Near Whitewater
24	23:58:11	33 56	116 42	C	2.1	Near Whitewater
28	04:53:14	33 58	116 48	C	3.1	San Andreas fault, north of Cabazon
29	14:47:46	33 58	116 48	C	3.0	San Andreas fault, north of Cabazon

September 1944

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
2	13:36:45	34 14	116 26	C	3.0	Northeast of Morongo Valley
3	03:20:59	34 13	117 10	C	2.9	Lake Arrowhead
3	18:47:46	35.0	120.0	D	3.4	East of Santa Maria, felt Los - Alamos (CGS)
4	04:55:28	33 19	116 04	C	4.1	West shore of Salton Sea
4	07:04.1	32.5	116.1	D	3.3	Baja California, southeast of Jacumba
7	09:32:36	34 06	119 29	C	3.5	Near Anacapa Island
13	13:02:20	37 34	118 44	C	3.9	Long Valley, Felt, Owens River Gorge (CGS)
15	06:12.7	34.7	120.2	D	2.6 ±	Near Los Alamos, felt there (CGS)

(Continued)

PASADENA LOCAL SHOCKS

No.6

September 1944 (Continued)

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
17	17:30.0	35.8	120.0	D	3.5	Kettleman Hills region
17	22:10:56	33 57	116 50	C	2.9	Near Banning
18	07:34:12	34 04	117 23	C	2.9	Near Riverside. Shallow?
18	11:45:10	34 00	115 46	C	3.2	Pinto Mtns.
20	06:12:21	33 58	116 45	C	3.6	North of Cabazon
20	08:39:33	33 50	117 40	C	3.4	West of Corona
24	07:13:40	33 23	116 11	C	3.6	Near Clark Dry Lake
30	17:15:59	34 57	119 00	C	2.9	Near Grapovino

October 1944

Date	P.S.T.	Lat.	Long	Q	M	Remarks
2	11:41:14	34 00	117 22	C	2.7	Blast or small shock near Riverside
10	04:51:25	37 06	118 16	B	2.5	Near Tinemaha
12	07:27:15	34 00	115 50	C	3.7	Pinto Mountains
17	11:07:49	33 53	116 52	C	3.0	Near Banning
19	17:13:05	38.5	118.3	D	4.0	Near Hawthorne, Nevada
21	22:28:13	34 15	117 34	C	3.1	Near Mt. San Antonio
22	00:31:13	32 58	116 00	C	3.2	Near Borogo Valley
23	14:00:39	33 43	118 10	C	3.6	Near Long Beach. Felt at Terminal Island
23	23:53:17	34 05	116 26	B	3.6	Morongo Valley
26	14:14:40	33 17	116 11	C	3.7	Near Borogo Valley
26	14:54:10	33 17	116 11	C	4.2	Near Borogo Valley
26	21:21:16	33 37	119 20	C	3.2	Northwest of Santa Barbara Island
26	22:25.4	31.0	116.0	D	3.8	Baja California
26	22:32:8	31.0	116.0	D	4.0	Baja California
27	04:27.0	31.0	116.0	D	4.2	Baja California
27	20:01:29	31.0	116.0	D	4.9	Baja California
28	10:30:16	33 58	116 45	B	4.4	San Andreas fault, north of Cabazon Felt at Thermal, Riverside, Lake Arrowhead (CGS)
28	23:14:06	34 04	116 29	C	3.2	Near Morongo Valley
29	06:05:39	34 05	117 18	C	2.5	Near Riverside
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C.F. Richter

J. M. Nordquist

No. 7

PASADENA LOCAL SHOCKS

November 1944

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	03:46:30	33 58	116 45	C	3.1	San Andreas fault, north of Cabazon
4	00:04:41	34 40	118 42	C	2.8	Near Sandberg's
4	00:12:01	36 20	120 05	C	3.4	Northeast of Coalinga; using Fresno and Lick (courtesy of P. Byerly)
4	07:19:08	32 58	116 00	C	3.8	Near Borego Valley
6	01:00:53	32 58	116 00	C	3.2	Near Borego Valley
7	06:48:17	34 13	117 10	C	2.8	Near Lake Arrowhead; felt there (CGS)
7	16:57:12	32 58	116 00	C	3.1	Near Borego Valley
8	08:12:36	34 20	119 43	C	3.1	Off Santa Barbara
8	11:55:33	34 38	119 06	C	2.8	Upper Piru Creek, Ventura County
9	10:27:18	34 38	119 06	C	2.9	Upper Piru Creek, Ventura County
11	14:05:56	34 22	119 10	C	3.2	Near Santa Paula, Ventura County
14	13:32:00	34 00	118 08	B	2.5	Near Montebello, Los Angeles County
16	16:32:49	37 19	118 23	C	4.2	Near Bishop
17	05:13:18	32 58	116 00	C	3.2	Near Borego Valley
18	21:55:57	32 40	115 48	C	3.6	West of Signal Mountain
19	14:20.8	36.5	117	D	2.5	Felt, Death Valley (CGS)
21	21:25:38	32 40	115 48	C	3.6	West of Signal Mountain
26	09:57:36	32 40	115 48	C	3.4	West of Signal Mountain
27	15:35:40	37 33	117 07	C	3.7	Near Goldfield, Nevada
28	01:40:03	33 52	117 03	C	2.7	Near Eden Hot Springs
28	08:36.0	35.8	120.0	D	3.3	Near Kettleman Hills
30	10:53:15	34 43	120 25	C	4.1	Near Los Alamos
30	15:39:59	34 38	119 06	C	2.5	Upper Piru Creek, Ventura County

December 1944

1	06:31.8	32.6	115.8	D	3.6	West of Signal Mountain
2	07:09.2	35.8	120.0	D	3.2	Kettleman Hills region
3	12:59:41	32 40	115 48	C	3.5	West of Signal Mountain
5	01:01:12	35 53	118 24	C	2.6	Near Fairview. Felt on Kern River (CGS)
5	04:01:22	35 53	118 24	C	2.2	Near Fairview. Felt (CGS)
5	20:16:46	35 53	118 24	C	2.4	Near Fairview. Felt (CGS)
8	01:20.8	38.4	117.4	D	3.4	Nevada, north of Tonopah
10	21:48:12	33 52	118 06	C	2.6	Near Artesia
11	03:12:11	37 22	118 38	C	3.4	West of Bishop
11	18:26:43	33 52	118 06	C	2.5	Near Artesia
13	15:51:56	33 50	117 50	A	3.4	Near Olive. Felt Santa Ana, Yorba Linda (CGS)
14	12:01:44	33 23	116 22	C	3.0	San Jacinto fault. N.W. of Clark Dry Lake
16	07:01:10	33 31	116 41	B	3.2	San Jacinto fault near Anza
20	19:51:51	33 58	118 28	B	2.6	Near Venice
21	18:20:14	34 15	117 35	C	3.1	San Andreas fault zone, near Mt. San Antonio. Felt at Big Pines (CGS)
23	00:16:22	36 24	117 55	A	4.7	Owens Lake
23	23:25:46	37 06	118 16	C	3.8	Near Tinemaha
24	00:18:58	33 47	118 02	C	2.6	Near Los Alamitos
30	22:31:54	33 06	117 51	C	2.8	East of San Clemente Island