

No. 1

PASADENA, LOCAL SHOCKS
January, 1938

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
3	16:29	33°28'	116°35'	C	4.5	Coahuila Valley. Felt: San Diego, Banning, Coachella, Hemet, Idyllwild, Pomona, Thermal. (CGS)
5	14:58	33 28	116 35	C	3	Coahuila Valley.
6	20:47	34 00	117 14	C	2.5	Near Riverside.
7	18:06	34 04	117 24	B	2.5	Near Riverside.
8	10:42	33 46	118 07	B	3	Near Long Beach.
9	04:30	33 56	116 45	B	3	San Andreas fault near Cabezon, Riverside County.
10	03:52	33 28	116 35	C	3.5	Coahuila Valley.
	08:24	34 30	117 57	C	3	San Andreas fault vicinity of Valyermo.
14	18:13	33 13	116 13	C	2.5	Vicinity of Clark Lake.
15	13:10	34 01	117 16	B	2.5	Near Riverside.
	20:43	33 28	116 35	C	2.5	Coahuila Valley.
16	08:21	33 57	118 38	C	2.5	Santa Monica Bay.
	17:54	35 54	117 54	C	2.5	South of Little Lake.
17	20:55	34 33	120 47	B	3.5	Off Point Arguello.
23	20:15	34 02	117 41	B	3	Near Ontario. Felt there. (P, CGS)
	20:38	34 33	120 47	C	3.5	Off Point Arguello.
25	04:24	34 33	120 47	C	3.5	Off Point Arguello.
26	15:43	32 27	115 37	C	3.5	Lower California.
27	21:31	34 11	116 55	C	2.5	San Bernardino Mountains.
30	20:46	34 04	117 18	B	2.5	Near Riverside.

February, 1938

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	10:14	34°33'	120°47'	C	3.5	Off Point Arguello.
2	16:40	33 34	117 59	B	2	Off Newport Beach.
7	23:39	34 03	116 26	B	4	Little San Bernardino Mountains.
9	15:15	34 11	116 55	B	2.5	San Bernardino Mountains.
11	06:51	33 15	116 10	C	3	San Jacinto fault west of Salton Sea.
12	12:00	37	122	D	4.5	Felt: San Francisco Bay region.
14	06:25	34 00	118 20	B	3.5	Near Inglewood. Felt: Los Angeles. (P)
	23:45	34 10	116 15	C	4.5	Little San Bernardino Mountains.
	23:56	34 10	116 15	C	3.5	Aftershock.
16	17:18	33 34	117 59	C	2.5	Off Newport Beach. Felt near Huntington Beach.
20	06:00	34 33	120 47	C	3.5	Off Point Arguello.
21	02:59	35 56	120 29	C	3	Near Parkfield, Monterey County.
	17:40	33 22	116 55	C	3	Near Palomar Mountain, San Diego County.
25	22:40	33 10	116 10	C	3.5	San Jacinto fault west of Salton Sea.
26	05:53	34 00	118 20	B	2.5	Near Inglewood.

C. F. Richter

R. E. Rogers

PASADENA, LOCAL SHOCKS

No. 2

March, 1938



Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	08:47	33°08'	116°05'	C	3	San Jacinto fault west of Salton Sea.
	11:32	33 59	118 23	B	2.5	Inglewood fault southwest of Los Angeles.
4	07:14	34 18	119 34	C	2.5	Santa Barbara Channel.
	10:25	34 18	119 34	C	2.5	Santa Barbara Channel.
11	16:38	34 23	118 23	C	2.5	Approx. 30 km. northwest of Pasadena.
12	13:47	33 05	116 30	B	3.5	Vicinity of Verruga.
14	04:44	33 42	118 04	B	2.5	Off Bolsa Chica. Felt near Huntington Beach.
	13:21	38	118	D	4	Nevada.
16	04:31	33 28	116 35	B	3	San Jacinto fault, Coahuila Valley.
23	15:52	34 26	118 48	B	3.5	Near Fillmore. Felt Fillmore, Piru. (CGS)
25	12:03	33 28	116 35	C	3	Coahuila Valley.
31	09:03	34 45	116 28	C	4	Mojave Desert. Felt at Ludlow. (CGS)
	09:10	34 45	116 28	C	2.5	Same as preceding.

April, 1938

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	11:22	32°36'	115°58'	C	3.5	Elsinore fault, Lower California.
	14:36	34 07	117 25	C	2.5	Near Colton.
3	10:44	33 50	118 14	B	3.5	Inglewood fault. Felt: Long Beach, Compton, Southgate, Huntington Beach.
4	18:05	33 23	117 18	C	2.5	Vicinity of Fallbrook.
	18:07	33 23	117 18	C	3	Vicinity of Fallbrook.
11	17:50	34 33	120 47	C	3.5	Off Pt. Arguello.
12	06:46	32 53	115 35	C	3.5	Imperial Valley. Eight shocks reported felt
	06:57	32 53	115 35	C	3	Imperial Valley. at El Centro and
	07:04	32 53	115 53	C	3	Imperial Valley. vicinity between
	07:11	32 53	115 35	C	3	Imperial Valley. 06:40 and 08:24 (P)
	07:29	32 53	115 53	C	3	Imperial Valley.
	07:48	32 53	115 35	C	3	Imperial Valley.
	08:18	32 53	115 35	C	3	Imperial Valley.
	08:24	32 53	115 35	C	3	Imperial Valley.
	10:27	32 53	115 35	C	3	Imperial Valley.
	14:21	32 53	115 35	C	3.5	Imperial Valley.
13	10:57	32 53	115 35	C	3.5	Imperial Valley.
	11:29	32 53	115 35	C	4.5	Felt: Brawley, El Centro, Calipatria, Pine Valley, Holtville.
	18:53	32 53	115 35	C	3.5	Imperial Valley.
	19:38	32 53	115 35	C	3	Imperial Valley.
	21:29			D	3	To the south approx. 425 km. from Pasadena.
15	12:08	32 53	115 35	C	3	Imperial Valley.
	18:23	33 56	116 45	B	3.5	San Andreas fault near Cabezón.
16	19:47	32 27	115 37	C	4	Lower California.
19	05:59	34	118	D	2.5	Felt: Pasadena and Alhambra. (P)
	17:58	33 46	118 07	B	3	Near Long Beach.
	19:59	33 46	118 07	B	3	Near Long Beach. Felt there. (P)
23	23:43	33 50	117 48	B	3.5	Vicinity of El Modena.
24	00:19	34 06	116 53	C	3	San Bernardino Mountains.
25	03:01	33 28	116 35	C	3	Coahuila Valley, San Jacinto fault.
26	04:19	33 46	118 07	C	3	Near Long Beach. Felt there. (P)
27	12:13	32 53	115 37	C	3	Imperial Valley. Reported felt at
						El Centro. (P)
	22:07	32 37	118 12	B	4.5	Off San Diego approx. 110 km. Felt in
						San Diego. (P)
	23:08	33 50	117 24	B	2	The Gavilan district.
29	11:29	33 50	117 24	B	3	The Gavilan district.

C. F. Richter

R. E. Rogers

PASADENA, LOCAL SHOCKS

No. 3

May, 1938



Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	19:59	33°56'	116°45'	B	2.5	Near Cabezon, Riverside County.
5	13:09	34 09	117 30	B	2.5	Near Etiwanda.
7	08:22	34 20	118 30	B	2.5	Near San Fernando.
10	02:32	36.2	121.3	D	4.5	Monterey County.
	02:41	36.2	121.3	D	4	Monterey County.
13	05:20	33 05	116 40	B	3	Near Julian. Felt at Santa Ysabel.
	11:34	36.2	121.3	D	4	Monterey County.
15	11:09	37 20	118 30	C	3.5	Sierra Nevada, west of Bishop.
	11:13	33 24	117 50	C	2.5	Off the coast, vicinity of San Juan.
16	06:05	34 30	118 48	C	3.5	Near Piru.
	16:43	34 10	117 15	C	3	San Bernardino Mountains.
21	01:44	33 37	118 02	B	4	Felt: Seal Beach, Newport Beach, Costa Mesa, etc. (P)
23	23:12	34 07	118 45	C	2.5	Near Cornell, Los Angeles County.
27	14:01	34 17	116 55	B	3.5	San Bernardino Mountains.
	14:03	36.2	120.0	D	3.5	Fresno County?
	14:22	34 17	116 55	B	3	San Bernardino Mountains.
28	02:39	34 46	116 46	C	2.5	Mojave Desert, about 12 km.s.w. of Newberry.
31	00:34	33 41	117 32	B	5.5	Felt over southern California: San Diego to Santa Barbara and as far inland as Barstow, etc. (P)
	00:44	33 41	117 32	B	3	Aftershock of 00:34.
	00:57	33 41	117 32	B	3	Aftershock of 00:34.
	02:50	33 41	117 32	B	3	Aftershock of 00:34.
	14:48	33 41	117 32	B	3	Aftershock of 00:34.
	22:17	34 33	119 41	B	3	Near Santa Barbara. Felt there. (P)

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PASADENA, LOCAL SHOCKS

No. 4

June, 1938



Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	00:04	30°	113°	D	5	Gulf of California.
	01:20	33 41	117 32	C	3	Elsinore fault zone, Santa Ana Mts.
2	08:01	33 41	117 32	B	3	Elsinore fault zone, Santa Ana Mts.
3	03:47	32 35	115 10	C	3.5	Region of Volcano Lake.
	06:02	32 35	115 10	C	3.5	Region of Volcano Lake. Felt at Calexico. (P)
	06:14	32 35	115 10	C	3.5	Region of Volcano Lake.
	06:38	32 35	115 10	C	4	Region of Volcano Lake. Felt at El Centro. (CGS)
	07:23	32 35	115 10	C	3.5	Region of Volcano Lake.
	12:39	32 35	115 10	C	3.5	Region of Volcano Lake.
5	18:42	32 54	115 13	C	5	Imperial Valley. Felt there generally.
	18:55	34 30	119 40	C	3	Near Santa Barbara.
	21:53	32 35	115 10	C	3.5	Region of Volcano Lake. Felt at Holtville. (CGS)
6	04:35	32 35	115 10	C	4	Region of Volcano Lake. Felt at El Centro (P), Imperial, Brawley, Heber. (CGS)
	15:34	34 01	117 53	C	2.5	Near Walnut.
9	23:49	32 53	118 15	B	3	Off San Clemente Island.
10	04:29	33 30	116 55	C	3	Agua Caliente fault near Verruga.
	06:40	34 08	116 57	B	4	San Bernardino Mountains. Felt at Seven Oaks, Big Bear City, etc. (CGS)
	21:29	33 41	117 32	B	3	Elsinore fault zone northwest of Elsinore.
12	21:34	34 00	116 20	C	2.5	Little San Bernardino Mountains.
14	18:26	33 41	117 32	B	3.5	Elsinore fault zone.
15	21:59	33 28	116 35	B	4	Terwilliger Valley. Felt at Hemet, Aguanga. (CGS)
	22:30	34 20	117 00	C	3	San Bernardino Mountains. Felt at Big Bear City. (CGS)
16	13:48	33 55	118 23	C	3	Near El Segundo.
20	09:54	34 20	117 00	C	3	San Bernardino Mountains. Felt at Big Bear City. (CGS)
21	01:54	33 27	117 17	C	2.5	Near Temecula.
22	14:13	33 43	117 31	C	2.5	Approx. 15 km. northwest of Elsinore.
23	14:11	34 10	117 07	B	3	San Bernardino Mountains. Felt at Keller Peak. (CGS)
24	21:46	33 57	116 27	C	3.5	Little San Bernardino Mountains.
27	06:57	33 48	118 32	B	2.5	Santa Monica Bay.
28	21:34	33 42	118 04	B	2.5	Off Bolsa Chica. Felt near Huntington Beach.
29	02:19	33 23	115 36	C	3.5	East of Salton Sea.
	02:25	33 23	115 36	C	3.5	East of Salton Sea.
	02:34	33 23	115 36	C	2.5	East of Salton Sea.
	02:40	33 23	115 36	C	4	East of Salton Sea.
	06:57	33 23	115 36	C	3	East of Salton Sea.
	09:01	33 23	115 36	C	3	East of Salton Sea.
30	08:03	34 30	118 35	C	2.5	North of Saugus.

C. F. Richter

R. E. Rogers

PASADENA, LOCAL SHOCKS

No. 5

July, 1938

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	10:13	41°	124°	D	5	Off North California coast?
	11:23	34 20	117 04	B	2.5	San Bernardino Mountains.
	12:17	34 59	118 35	C	2.5	Garlock fault south of Tehachapi.
3	11:55	34 02	117 41	B	2.5	Near Chino.
	15:22	34 02	117 41	B	3	Near Chino.
4	13:59	32 52	116 12	C	4	Agua Caliente fault, Vallecito Mountains.
5	10:06	33 41	117 32	B	4.5	Santa Ana Mountains. Felt generally Los Angeles to San Bernardino and San Clemente.
	22:26	35 48	116 40	C	3.5	Southern end of Death Valley.
6	10:20	36.1	114.8	C	3.5	Near Boulder Dam. Felt there. (CGS)
7	03:14	33 41	117 32	B	2.5	Santa Ana Mountains.
10	08:10	33 10	116 25	C	3.5	Agua Caliente fault near Verruga.
	10:06	33 10	116 25	B	4	Agua Caliente fault near Verruga. Felt: Damo Canyon, Jamul, Borego, Cuyamaca Peak. (CGS)
13	02:29	33 30	116 55	B	2.5	Agua Caliente fault near Aguanga.
14	04:38	32 27	115 37	C	3	Lower California.
17	10:22	33 41	117 32	C	3	Santa Ana Mountains.
	21:40	36 09	117 57	C	2.5	Near Haiwee. Felt there.
20	11:12	33 45	116 20	C	2.5	Northwest of Indio.
21	07:34	34 45	116 28	C	3	Mojave Desert between Ludlow and Newberry.
	14:45	34 30	118 56	C	3.5	Near Piru, Ventura County. Felt along the Ridge Route. (CGS)
23	22:44	33 50	117 24	B	3	The Gavilan District.
24	17:21	33 42	117 18	C	3	Near Lake Elsinore.
25	07:22	33 42	118 04	B	3	Off Bolsa Chica.
	22:34	35 35	117 05	C	4	Garlock fault south of Panamint Valley.
	22:47	35 35	117 05	C	3	Garlock fault south of Panamint Valley.
27	16:00	37.6	115.8	D	4	Nevada.
	16:06	37.6	115.8	D	4	Nevada.
	16:38	37.6	115.8	D	4.5	Nevada.
	22:09	37.6	115.8	D	4	Nevada.
29	13:14	34 45	116 28	C	3.5	Mojave Desert between Ludlow and Newberry.
31	02:37	38.3	115.8	D	4.5	Nevada.
	04:42	38.3	115.8	D	4	Nevada.
	18:29	34 04	117 15	B	2.5	Near Riverside.

C. F. Richter

R. E. Rogers

PASADENA, LOCAL SHOCKS

No. 6

August, 1938

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	04:26	33°42'	118°04'	C	2.5	Off Bolsa Chica.
	07:47	33 46	118 06	B	3	Near Long Beach.
	23:12	33 18	116 54	C	2.5	Near Nellie, San Diego County.
	23:12	33 18	116 54	B	3.5	Near Nellie, San Diego County. Felt at Aguanga, Mesa Grande (CGS) and on Palomar Mountain.
3	07:45	34 35	119 15	C	3	Vicinity of Ozena, Ventura County.
4	17:59	33 37	118 02	C	3.5	Off Huntington Beach. Felt at Huntington Beach, Cypress (CGS).
	18:06	33 37	118 02	B	2.5	Off Huntington Beach.
	20:33	34 03	118 22	B	3.5	Southwest Los Angeles. Felt: Manhattan Beach, El Segundo, Inglewood, Hawthorne, southwest Los Angeles. (CGS) (P)
5	12:56	33 35	118 55	C	3	San Pedro Channel.
	18:28	33 56	116 45	B	4	Near Cabezon, Riverside County. Felt: Cabezon, Saunders Meadows. (CGS)
6	14:00	33 41	117 32	B	4	Santa Ana Mountains. Felt: Corona, Elsinore. (CGS) Same source as May 31d 00h34m and July 5d 10h06m.
10	12:19	34 06	116 48	C	2.5	San Bernardino Mountains.
14	21:40	33 46	119 07	B	3.5	North of Santa Barbara Island.
17	23:39	35 00	116 13	C	4.5	Mojave River Sink. Felt at Ludlow. (CGS)
29	00:56	33.7	118.2	C	2.5	Vicinity of Bolsa Chica?
	06:48	33 42	118 04	B	3	Off Bolsa Chica. Felt: Cypress and Seal Beach. (CGS)
30	19:18	33 48	118 14	B	4.5	Near Long Beach. Depth probably about 25 km. Felt generally, Los Angeles basin area. Followed by 7 small aftershocks.
	21:34	33 48	118 14	B	3.5	Larger aftershock.

C. F. Richter

R. E. Rogers

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
2	04:02	33°48'	118°14'	C	2.5	Near Long Beach. Felt: Long Beach.
7	05:13	33 47	118 08	C	2.5	Near Long Beach. Felt: Long Beach, San Pedro. (P)
	18:39	33 34	117 59	C	2.5	Off Newport Beach.
10	16:16	33 30	116 55	B	3	Agua Caliente fault, vicinity of Aguanga.
11	22:10	40	124	D	5.5	Felt: Humboldt and Del Norte Counties.
14	10:10	32.5	115.6	D	3.5	Lower California. Felt at Calexico.
	13:41	34 12	117 30	B	2.5	In the mountains north of Etiwanda.
15	21:42	34 12	117 30	B	2.5	Same as preceding.
	22:11	36.4	121.2	D	4	Monterey or San Benito County.
17	02:41	37 10	118 19	B	3	Near Tinemaha.
	06:23	35 36	117 39	B	5	East of Inyokern. Felt generally within 125 kms. from epicenter.
	06:29	35 36	117 39	B	3	Aftershock.
	08:16	35 36	117 49	B	3.5	Aftershock. Felt: Brown, Johannesburg. (CGS)
	09:20				5.5	Arizona. See separate list below.
	14:08	33 50	118 08	B	3	Near Artesia.
	18:19	33 33	118 13	C	2.5	San Pedro Channel.
	03:43	33 33	118 13	C	2.5	San Pedro Channel.
	18:53	33 17	116 18	C	3	Near Clark Lake, San Jacinto fault.
	21:19	33 17	116 18	C	3	Near Clark Lake, San Jacinto fault.
19	03:39	33 17	116 18	C	3	Near Clark Lake, San Jacinto fault.
	05:07	33 17	116 18	C	3.5	Near Clark Lake, San Jacinto fault.
22	20:18	35 00	117 00	C	3.5	Northeast of Barstow.
23	00:20	38	118	D	4.5	Nevada.
	03:18	33 56	116 45	C	3	Near Cabezon, Riverside County.
25	20:38	33 37	118 02	C	2.5	Near Huntington Beach. Felt near there. (CGS)
26	07:21	33 59	117 23	B	2	Near Riverside.
	22:10	34 42	119 11	B	3.5	About 16 kms. east of Ozena, Ventura County.
27	02:21	34.5	119.7	C	2.5	Near Santa Barbara.
	04:23	36.3	120.9	C	5	San Benito County. Felt: Salinas, King City, Coalinga. (P)
	09:18	32 42	117 24	C	2.5	Off San Diego. Felt: Point Loma, San Diego. (P.CGS)
29	04:12	34 33	120 47	C	4	Off Point Arguello.
	15:31				5.5	Arizona. See separate list below.
	15:35				5.5	Arizona. See separate list below.
30	17:07	36.0	114.9	C	3.5	Felt at Boulder Power Plant. (CGS)

Arizona-New Mexico Shocks.

During the latter part of September, and subsequently, numerous shocks have been recorded originating not far from 33°N., 109°W. The USCGS has reports for some of these as felt at various points in adjacent Arizona and New Mexico. For September, the following are times of first recorded motion at Riverside:

Pacific Standard Time.

Sept. 1	09:22:06*	Sept. 18	08:20:55	Sept. 23	09:09:07?	
	11:39:39		19	21:40:49	24	07:27:23
	13:17:33		22	12:16:27	29	15:33:32*
	17:22:49			20:01:20		36:47*
						16:48:03

*The three shocks marked with asterisks are considerably larger than the others, and are of magnitude 5.5 approximately.

PASADENA, LOCAL SHOCKS

No. 8

October, 1938



Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	00:38	36.0	114.9	C	3.5	Felt, Boulder Power Plant.
	05:15	33	109	D	5	Arizona.
	10:58	33°46'	117°55'	C	2.5	Near Santa Ana.
2	10:45	34 20	119 35	C	4	Near Santa Barbara. Felt: Summerland, Santa Barbara, La Cumbre Peak. (CGS)
3	03:56	33 00	116 15	C	3.5	Vallecito Mountains, Agua Caliente fault.
4	04:26	34 23	116 31	C	3	Mojave Desert, east of Old Woman Springs.
8	00:30	33	109	D	5	Probably Arizona, M about 5.
12	04:31	32 05	116 40	C	4	Lower California.
14	05:10	37	120	D	3.5	Very uncertain. Data not in agreement.
	07:31	37	120	D	4	Very uncertain. Data not in agreement.
15	03:19	34 53	119 08	C	2.5	Near Cuddy Valley.
	06:26	34 12	116 21	C	2.5	Mojave Desert. Two shocks.
17	21:05	40?	124?	D	4.5	Off northwestern California coast (?)
22	16:47	33 50	117 24	B	3.5	The Gavilan District. Felt: Riverside,
27	10:25	33 46	119 07	C	3.5	North of Santa Barbara Island.
28	02:07	35 48	120 20	C	3.5	Near Parkfield, Monterey County.
	23:38	33 30	116 29	C	3.5	Coahuila Valley.
	23:39	33 30	116 29	C	3.5	Coahuila Valley.
30	14:10	33	109	D	4.5	Arizona?

November, 1938

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	00:25	33°	109°	D	5	Arizona-New Mexico.
	05:52	39	116	D	4.5	Eureka County(?), Nevada.
	14:46	35 07	120 05	C	3	Cuyama River, San Luis Obispo County.
2	01:00	33	109	D	5	Felt: Silver City and Pinos Altos Mts., New Mexico. (P)
4	06:23	34 12	116 12	C	3	Mojave Desert, west of Twenty-Nine Palms.
	10:24	33 59	118 18	B	3	Southwest Los Angeles. Felt in Los Angeles. (P)
	14:26	33 28	116 35	C	3	Coahuila Valley.
11	10:26	33	109	D	5	Arizona-New Mexico.
15	00:23	34 22	116 20	C	3	Mojave Desert.
	10:05	31 52	117 10	C	3.5	Off Ensenada, Lower California.
16	05:39	35 48	120 20	C	3	Near Parkfield, Monterey County.
22	07:30	35 56	120 29	B	4.5	Near Parkfield. Felt: Creston, Cambria, Atascadero, Morro Bay, Parkfield, Paso Robles, Shandon, San Miguel. (CGS)
23	16:48	33 46	118 07	C	3	Near Long Beach. Felt Long Beach.
24	18:35	37 27	119 00	C	3.5	Sierra Nevada, south of Mammoth. May be same as December 3 following.
26	12:49	33 46	117 58	C	3	Near Santa Ana.
	15:00	33	109	D	4	Arizona-New Mexico.
	16:13	33	109	D	5.5	Arizona-New Mexico.
29	11:21	33 53	118 28	B	4	Southwest Los Angeles. Felt: Beverly Hills, Gardena, Venice, Los Angeles, Maywood. (CGS)

Corrections: Imperial Valley shocks of June 3, 5, and 6, 1938, previously referred to epicenters at 32°35'N., 115°10'W. and 32°54'N., 115°13'W., are now referred to one epicenter which is located with some doubt (C) at 32°15'N., 115°10'W.

C. F. Richter

R. E. Rogers

PASADENA, LOCAL SHOCKS

No. 9

December, 1938

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	08:17	37	121	D	4.5	Felt in San José. (P)
3	09:42	37°30'	118°46'	B	5.5	Region of Convict Lake. Felt generally east central California.
	09:45	37 30	118 46	B	4	Approximately 60 small aftershocks recorded at Tinemaha in following 48 hrs.
	09:51	37 30	118 46		3.5	
	09:57	37 30	118 46		4	
	10:41	37 30	118 46		4.5	
	14:17	37 30	118 46		4	
	14:20	37 30	118 46		4	
	19:26	33 40	117 13	C	3	Vicinity of Elsinore Lake. Felt at Hemet. (CGS)
	22:54	34 23	116 31	C	3	Mojave Desert.
4	10:49	37 30	118 46		4	Aftershock of 3 ^d 9 ^h 42 ^m .
	15:00	35 06	118 20	C	3	Garlock fault, vicinity of Cameron.
6	16:58	35 00	117 00	B	3.5	Mojave Desert north of Barstow.
	19:38	34 00	118 25	B	4	Inglewood fault. Felt: Pasadena, Venice, San Fernando, Los Angeles, etc. (P, CGS)
8	21:					See note at end of report.
9	02:48	33 47	118 08	B	2.5	Near Long Beach.
	19:12	33 05	115 59	C	4	San Jacinto fault at Carrizo Creek.
11	19:13	25?	110?	D	5.5	About 625 km. southeast of La Jolla in the Gulf of California?
	21:25	35 00	117 00	C	3	Mojave Desert north of Barstow.
14	16:02	32 20	115 45	C	4	Lower California.
16	02:48	37 40	118 25	C	4	Near Benton, Mono County. Felt at Benton. (CGS)
17	01:43	36.0	114.8	C	3.5	Near Boulder City. Felt there. (CGS)
	05:20	33 55	117 29	C	3	Near Arlington. Felt: San Bernardino, Hemet. (P, CGS)
19	20:14	34 06	116 53	B	2.5	San Bernardino Mountains.
24	14:55	25?	110?	D	5	Gulf of California?
	21:45	25?	110?	D	5	Same as preceding.
25	21:14	36 00	116 00	C	3	About 20 km. east of Shoshone, Inyo Co.
27	02:09	34 08	117 32	B	4	Near Etiwanda. Felt: San Bernardino (P), Pomona, Crestline, Alta Loma. (CGS)
	06:13	34 18	118 36	C	3	Near San Fernando Reservoir.
	20:37	36.8	114.1	D	4	Northeastern Clark County, Nevada.
31	16:53	34 35	120 20	C	3	East of Lompoc.

Note to December 8, 21^h:

The press reports a shock at Santa Barbara about this time. No shock recorded at Santa Barbara or the other stations. Probably not an earthquake.

C. F. Richter

R. E. Rogers