

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	00:50:30	34°25'	119°25'	C	3	East of Santa Barbara. Location somewhat ambiguous
1	01:21:55	34 25	116 15	C	2.5	Northeast of San Bernardino Mountains.
1	12:38			E		Small record at La Jolla only.
1	16:14:44	34 ?	117 ?	D	2	Riverside district.
2	00:44			C	1	Near Haiwee.
2	18:32L38	32 ?	115 ?	E	3	Imperial Valley region?
2	21:26			E		Small record at Tinemaha only.
2	21:47:25	38 ?	117 ?	D	4	Nevada; Tinemaha distant about 180 km.
3	00:12:10	33 00	116 15	D	2.5	Location ambiguous.
3	00:33:05			D	1.5	Pasadena distant 38 km.
3	00:42			E	2.5	Recorded at La Jolla and Riverside.
3	08:24:52	37 20	117 45	C	2.5	Northeast of Tinemaha.
3	19:28:41	35 35	117 20	B	2.5	Garlock Fault south of Searles Lake.
3	23:45			E		Small record at La Jolla only.
4	03:40:43	34 ?	119 ?	C	1.5	Near Santa Barbara.
4	11:12	34 ?	118 ?	D		Small shock not far from Mt. Wilson.
4	12:40:14	35 00	116 50	C	2.5	Northeast of Barstow.
4	16:11:46	33 20	116 50	C	2.5	Elsinore Fault near Nellie.
5	05:27:07	37 ?	116 ?	C	1.5	Owens Valley near Tinemaha.
5	07:56:31			E	3	Central California. Tinemaha distant 300 km.
5	20:43:00			E	3	Northern California? Tinemaha distant 155 km.
5	23:32:25	33 32	116 56	B	2.5	Northwest of Aguanga, Riverside County.
6	03:20:34	33 08	116 28	C	2.5	Agua Caliente Fault, San Diego County.
6	03:22:19	33 08	116 28	C	2	Agua Caliente Fault, San Diego County.
6	03:33			E	3	West Coast of Santa Barbara County?
8	05:16:50			E	2	La Jolla distant 150 km?
8	05:48:33			E	2.5	La Jolla distant 150 km?
8	08:41			E	2.5	Very near Riverside. Probably a blast.
8	17:16	34 17	118 11			Blast: road construction.
8	23:15:02	32 45	116 10	D	2	Near Indio, Riverside County. Location doubtful.
8	23:25:14	33 55	117 35	C	2	North of Corona.
9	02:35			E		Small motion recorded at Tinemaha only.
9	18:56:18	34 ?	119 ?	C	1	Near Santa Barbara.
10	10:55:51	34 ?	119 ?	C	1	Near Santa Barbara.
10	13:13:50	34 ?	119 ?	C	1	Near Santa Barbara.
10	13:40:15	34 25	118 25	C	2	West of Lang, Los Angeles County.
10	14:52:13			E	3.5	To the south, La Jolla distant 570 km?
10	16:15:54	33 40	116 55	C	2.5	Near San Jacinto.
10	17:10			E		Small motion recorded at Santa Barbara only.
10	18:09:47			E	2	Pasadena distant 100 km.
11	04:47	34 ?	119 ?	D	1	Near Santa Barbara
11	11:49:51	34 ?	119 ?	D	1	Near Santa Barbara.
12	04:58	34 17	118 11			Blast; road construction.
12	05:31:47	34 15	117 15	D	1.5	Arrowhead district, San Bernardino Mountains.
12	19:10:34	35 ?	118 ?	D	2.5	Probably N.E. of Bakersfield. Pasadena distant 190 km.
13	06:58:22			E	3	To the south; La Jolla distant 200 km.
13	14.42:48	34 ?	119 ?	D	1	Near Santa Barbara.
15	21:38:08	33 56	118 07	B	2.5	Northeast of Downey, Los Angeles County.
15	15:39	31 ?	114 ?	D	3	Region of the head of Gulf of California.
15	16:29:59	34 48	116 28	C	2.5	Between Newberry and Ludlow, Mojave Desert.
15	17:31:44			E	2.5	Central California? Tinemaha distant 250 km.
15	20:18			E	3.5	To the south.
16	05:07:09	33 50	117 25	C	2.5	South of Riverside.
16	05:28:41			D	1.5	Riverside distant 40 km.
16	19:09:26	34 10	117 15	C	1.5	Near Arrowhead, San Bernardino County.

Remarks	Q	M	Long.	Lat.	P. S. T.	Date
East of Santa Barbara, location somewhat uncertain	0	?	119 28	34 57	08:00:00	1
Northeast of San Bernardino Mountains	0	2.5	116 15	34 45	08:00:00	1
Small woods at La Jolla only.	?	?	?	?	12:30	1
Riverbank district.	?	?	117 7	34 7	08:00:00	1
West of Santa Barbara	0	?	119 7	34 7	08:00:00	2
Imperial Valley region	0	?	115 7	32 7	18:00:00	2
Small woods at Tinsman only.	?	?	?	?	08:00:00	2
Northern California distant about 180 km.	?	?	117 7	35 7	08:00:00	2
Location uncertain	0	2.5	115 15	37 00	08:00:00	2
Recorded at La Jolla and Riverside	?	?	?	?	08:00:00	2
Northeast of Tinsman	0	2.5	117 45	37 20	08:00:00	2
Carroll Hunt south of Santa Barbara	0	2.5	117 20	35 25	08:00:00	2
Small woods at La Jolla only.	?	?	?	?	08:00:00	2
West Santa Barbara	0	1.5	119 7	34 7	08:00:00	4
Small woods near La Jolla	?	?	?	?	08:00:00	4
West of Santa Barbara	0	2.5	118 30	34 7	08:00:00	4
West of Santa Barbara	0	2.5	118 30	35 00	08:00:00	4
Imperial Valley near Mission	0	2.5	115 30	37 20	08:00:00	4
Central California distant about 300 km.	?	?	?	?	08:00:00	5
Northern California distant about 155 km.	?	?	118 25	37 25	08:00:00	5
West of Santa Barbara	0	2.5	118 25	35 08	08:00:00	5
West of Santa Barbara	0	2.5	118 25	35 08	08:00:00	5
West of Santa Barbara	0	2.5	118 25	35 08	08:00:00	5
La Jolla distant 150 km.	?	?	?	?	08:00:00	5
La Jolla distant 150 km.	?	?	?	?	08:00:00	5
Very near Riverside. Probably a distant	?	?	118 11	34 57	08:00:00	5
Black road construction	?	?	116 10	32 45	08:00:00	5
Near Indian Riverside County. Location doubtful.	?	?	117 25	35 25	08:00:00	5
North of Corona	0	2	?	?	08:00:00	5
Small woods recorded at Tinsman only.	?	?	119 7	34 7	08:00:00	5
West Santa Barbara	0	1	119 7	34 7	10:00:00	10
West Santa Barbara	0	1	119 7	34 7	10:00:00	10
West of Santa Barbara	0	1	119 7	34 7	10:00:00	10
West of Santa Barbara	0	1	118 25	34 25	10:00:00	10
West of Santa Barbara, Los Angeles County	0	2	118 25	34 25	10:00:00	10
To the south, La Jolla distant 270 km.	?	?	118 25	37 40	10:00:00	10
Near San Jacinto	0	2.5	118 25	37 40	10:00:00	10
Small woods recorded at Santa Barbara only.	?	?	?	?	10:00:00	10
Pasadena distant 100 km.	?	?	119 7	34 7	10:00:00	10
Near Santa Barbara	0	1	119 7	34 7	10:00:00	10
Near Santa Barbara	0	1	118 11	34 14	04:00	10
Black road construction	?	?	117 15	34 15	08:00:00	10
Airhead district, San Bernardino Mountains	0	1.5	117 15	34 15	19:10:00	10
Probably N.E. of Bakerfield. Pasadena distant 190 km.	?	2.5	118 7	35 7	08:00:00	10
To the south, La Jolla distant 300 km.	?	?	119 7	37 7	08:00:00	10
Near Santa Barbara	0	1	118 07	33 25	08:00:00	10
Northeast of Downey, Los Angeles County	0	2.5	118 07	33 25	18:30	10
Region of the head of Gulf of California	0	2	118 7	31 7	18:30:00	10
Between Newberry and Ludlow, Mojave Desert	0	2.5	118 28	36 45	17:30:00	10
Central California Tinsman distant 250 km.	?	2.5	118 28	36 45	17:30:00	10
To the south	?	?	117 25	35 25	08:00:00	10
South of Riverside	0	2.5	117 25	35 25	08:00:00	10
Riverside distant 40 km.	?	1.5	117 15	34 10	08:00:00	10
Near Arrowhead, San Bernardino County	?	1.5	117 15	34 10	19:00:00	10

Date	F.S.T.	Lat.	Long.	Q	M	Remarks
17	02:16:11	34°12'	117°43'	B	2.5	Upper San Dimas Canyon, San Gabriel Mountains.
17	14:16	34 ?	119 ?	C	1	Near Santa Barbara.
17	19:06			E	3?	Northern California. Recorded at Tinemaha only.
18	03:48			E		To the south.
18	11:20:17	34 23	118 43	C	2.5	Near Camulos, Ventura County.
18	13:35	34 17	118 11			Blast; road construction.
19	06:38	34?	120?	D	2?	Probably west of Santa Barbara.
19	17:53:28	34 35	116 50	C	3	North of the San Bernardino Mountains.
19	18:45:13	34 35	116 50	C	2	North of the San Bernardino Mountains.
19	21:37	34 35	116 50	D	1.5	North of the San Bernardino Mountains. Slightly doubtful.
19	21:51:38	35 16	118 04	C	2.5	Garlock Fault near Cantil, Mojave Desert.
20	01:52:53	34 12	117 44	B	2	San Dimas Canyon, San Gabriel Mountains.
20	01:11			E		To the south.
20	01:13			E		To the south.
20	02:14:38	33 18	116 54	C	2.5	Elsinore Fault zone near Nellie, San Diego County.
20	23:00:59	36 ?	117 ?	D	1	Near Haiwee.
21	01:54:06	36 ?	117 ?	D	1	Near Haiwee.
21	01:54:36	36 ?	117 ?	D	2	Near Haiwee.
21	17:41:37	36 ?	117 ?	D	1.5	Between Tinemaha and Haiwee.
21	20:14:08			E	3.5	To the north. Tinemaha distant 450 km.?
21	21:25			E	2	Imperial Valley district? Recorded at La Jolla only.
22	16:41	34 ?	119 ?	D	1.5	Santa Barbara district.
22	19:40:20	34 ?	119 ?	D	2	Santa Barbara district.
22	19:40:50	34 ?	119 ?	D	2	Santa Barbara district.
22	19:47:49	34 ?	119 ?	D	1.5	Santa Barbara district.
23	02:22:20	34 22	116 27	B	2.5	Northeast of the San Bernardino Mountains.
23	18:21			E	3.5	Northern California? Tinemaha distant 350 km.?
24	00:36:06	36 ?	117 ?	D	1	Near Haiwee.
24	01:08:38	37 20	118 49	C	4	Sierra Nevada west of Bishop.
24	04:17	37 ?	118 ?	D	1.5	Probably same source as preceding.
24	07:29			E		Tinemaha distant 130 km.?
24	13:12	37 ?		D	1?	Haiwee region.
24	13:40:09	36 10?	120 20?	E	2.5	Tinemaha distant 188 km. Perhaps near Coalinga.
25	05:28			E		Small motion at La Jolla only.
25	13:48	34 ?	119 ?	C	1	Near Santa Barbara.
25	23:48	37 ?	118 ?	D	0.5	Tinemaha district.
25	18:53:49	34 00	117 40	C	1.5	Chino district, San Bernardino County.
25	11:33			E		Small record at Haiwee only.
26	17:28:37	34 ?	118 ?	D	1.5	Northern Los Angeles County.
26	18:51			E	3.5	Northern California? Tinemaha distant 450 km.?
26	19:13	34 ?	119 ?	D	1.5	Santa Barbara region.
26	19:40			D	2	La Jolla distant 60 km.?
27	15:55:45	33 ?	118 ?	D	1.5	Santa Monica Bay district.
27	22:32:12			E	3	Tinemaha distant 300 km.
28	10:35:39	34 06	117 32	B	2	East of Cucamonga, San Bernardino County.
28	14:29:50	34 ?	118 ?	D	1	Santa Monica Bay district.
28	17:55:12	35 55	118 16	C	2	Upper Kern River (South Fork), Sierra Nevada.
28	19:00:26	35 55	118 16	C	2.5	Upper Kern River (South Fork), Sierra Nevada.
28	19:04:23	35 53	118 17	C	2	Upper Kern River (South Fork), Sierra Nevada.
29	17:57:58	33 55	117 25	C	2.5	Near Arlington, Riverside County.
29	18:50:25	34 05	117 05	B	3.5	San Andreas Fault, N ^o E ^o of Mentone, San Bernardino County, Reported felt. (County.)
29	21:48:55	34 08	117 14	B	2	San Andreas Fault east of Arrowhead, San Bernardino County.
29	22:22:39	34	118	D	1.5	60 km. northwesterly from Pasadena.
29	22:59:46	34 11	117 20	B	1.5	San Andreas Fault northwest of Arrowhead.
30	19:53:33	37 20	117 30	C	3	Southern Esmeralda County, Nevada. Location ambiguous.

Remarks	E	N	Lat.	Long.	Alt.	Dist.
Upper San Diego Canyon, San Gabriel Mountains.	2.5	115	34 12	115 05	10000	17
Lower San Diego Canyon.	0.1	119	34 7	119 7	10000	17
Northern California, recorded at Thomas only.	5.7					17
To the south.	11					18
Dark Canyon, Ventura County.	2.5	118	34 25	118 45	10000	18
Blatt road construction.		118	34 17	118 11	10000	18
Friday west of San Bernardino Mountains.	7.2	120	34 2	120 7	10000	19
North of the San Bernardino Mountains.	0.5	118	34 25	118 50	10000	19
North of the San Bernardino Mountains.	0.2	118	34 25	118 50	10000	19
North of the San Bernardino Mountains.	1.5	118	34 25	118 50	10000	19
Slightly elevated.						19
Geologic fault near Canby, Nevada.	2.5	118	34 15	118 04	10000	19
San Diego Canyon, San Gabriel Mountains.	2.2	117	34 12	117 44	10000	20
To the south.	1					20
To the south.	1					20
Blatt road construction near Nalla, San Diego County.	2.5	118	34 15	118 54	10000	20
Near Nalla.	1.1	117	34 7	117 7	10000	20
Near Nalla.	1.1	117	34 7	117 7	10000	20
Near Nalla.	1.1	117	34 7	117 7	10000	20
Between Nalla and Nalla.	1.3	117	34 7	117 7	10000	21
To the north, Thomas district recorded at La Jolla only.	2.5					21
Thomas district.	1.3	119	34 7	119 7	10000	21
Thomas district.	1.3	119	34 7	119 7	10000	21
Thomas district.	1.3	119	34 7	119 7	10000	21
Thomas district.	1.3	119	34 7	119 7	10000	21
Northern of the San Bernardino Mountains.	2.5	118	34 25	118 54	10000	21
Northern California, Thomas district 200 km.	2.5					21
Near Nalla.	1.1	117	34 7	117 7	10000	21
Between Nevada west of Blatt.	0.2	118	34 25	118 45	10000	21
Probably same source as preceding.	1.5	118	34 7	118 7	10000	21
Thomas district 100 km.	1.1					21
Nalla region.	1.1					21
Thomas district 100 km.	2.5	120	34 25	120 50	10000	21
Geologic fault at La Jolla only.	1.1					21
Near Nalla.	0.1	118	34 7	118 7	10000	21
Thomas district.	1.5	118	34 7	118 7	10000	21
Chico district, San Bernardino County.	1.5	118	34 25	118 50	10000	21
Geologic fault at Nalla only.	1.1					21
Northern Los Angeles County.	1.5	118	34 7	118 7	10000	21
Northern California, Thomas district 400 km.	2.5					21
San Bernardino region.	1.1	118	34 7	118 7	10000	21
La Jolla district 50 km.	1.1					21
San Bernardino Bay district.	1.1	118	34 7	118 7	10000	21
Thomas district 200 km.	1.1					21
East of Ojai, San Bernardino County.	1.1	118	34 25	118 50	10000	21
San Antonio Bay district.	1.1	118	34 7	118 7	10000	21
Upper Kern River (South Fork), Sierra Nevada.	0.5	118	34 25	118 50	10000	21
Upper Kern River (South Fork), Sierra Nevada.	0.5	118	34 25	118 50	10000	21
Upper Kern River (South Fork), Sierra Nevada.	0.5	118	34 25	118 50	10000	21
Near Allington, Riverside County.	0.5	118	34 25	118 50	10000	21
San Antonio Fault, W. of Nalla, San Bernardino County.	0.5	118	34 25	118 50	10000	21
County reported fault.						21
San Antonio Fault west of Allington, San Bernardino County.	0.5	118	34 25	118 50	10000	21
San Antonio Fault west of Allington.	0.5	118	34 25	118 50	10000	21
San Antonio Fault west of Allington.	0.5	118	34 25	118 50	10000	21
Southern California, San Bernardino County.	0.5	118	34 25	118 50	10000	21

Data	P.S.T.	Lat.	Long.	Q	M	Remarks
31	02:18:41	34 ?	118 ?	D	1	Los Angeles district
31	02:23:35	34 ?	118 ?	D	0	Los Angeles district.
31	03:11:26	34 ?	118 ?	D	0.5	Los Angeles district.
31	04:25	34 ?	118 ?	D	0.5	Los Angeles district.
31	09:05:42	34 ?	118 ?	D	1	Los Angeles district.
31	09:29:13	34 17	116 20	C	2.5	North of Little San Bernardino Mountains.
31	12:09:58	33 51	116 35	B	2.5	Near Palm Springs, Riverside County.
31	13:30:50	34 ?	118 ?	D	1	Los Angeles district.
31	20:53:25	33 51	116 35	B	3.5	Near Palm Springs, Riverside County.

On August 16, 19, and 20, a total of 29 small shocks originating near Olancho, at 36°13'N., 117°58'W., were registered. Only two of these, on August 16 at 17:13, and on August 19 at 01:21 were as large as magnitude 2.

Blasts near Pasadena were recorded: August 4, 12:00; 9, 10:53, 12:01; 18, 19:24.

Blasts near Mt. Wilson: Aug. 8, 11:56; 13, 14:25; 14, 20:08; 18, 11:52; 20, 11:48; 24, 12:08; 27, 12:08; 27, 23:29; 30, 21:09; 31, 13:29, 13:45.

PASADENA, LOCAL SHOCKS

No. 1

January, 1934

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	17:45	33°35'	118°25'	C	2.5	San Pedro Channel
	23:04	36 05	117 57	C	2	Near Haiwee
2	01:59	33 20	115 35	D	2	San Andreas fault near Salton Sea?
3	07:29	33 34	117 59	A	2	March 10, 1933 source. Felt.*
	11:38			D	2	Riverside, Δ 12 km.
	20:01	33 34	117 59	B	2	March 10, 1933 source
4	01:48	33 47	118 08	B	2	Near Long Beach
	13:53	32 42	115 07	C	4.5	SE of Holtville. Felt at Yuma, Arizona
5	15:08	33 58	118 09	A	3	Near Downey. Felt in Los Angeles, etc.
6	00:51	33 ?	118 ?	D	2.5	San Pedro Channel?
	21:19			E	3	To the south, Pasadena Δ 650 km.?
7	20:32	33 34	117 59	D	2	March 10, 1933 source. Felt.*
	20:34	33 34	117 59	D	2	March 10, 1933 source. Felt.*
8	12:15	33 59	117 38	B	2.5	Vicinity of Chino
	14:17	33 47	118 08	A	2	Near Long Beach
	23:43			D	4	Nevada?
9	02:46	33 05	117 50	C	2	Off coast of San Diego County
	03:40	33 55	117 50	C	2	Near Olinda
	04:48	35 08	120 05	C	3	San Luis Obispo County
	06:10	34 06	117 41	A	4.5	Near mouth of San Antonio Canyon. Felt. About 15 aftershocks recorded during January
	07:44	35 50	117 39	B	3.5	Near Inyokern
10	14:47			C	2	Small shock near Riverside (Δ 14 km. approx)
	16:28			D	4.5	Gulf of California? La Jolla Δ 395 km.?
	16:38	35 00	117 00	C	2.5	Mojave Desert
	16:42			D	4	Aftershock of 16 ^h 28 ^m
11	01:31			D	3	Lower California
	01:56			D	3.5	Aftershock of 16 ^h 28 ^m
	17:26	32 30	115 00	D	4	Volcano Lake district?
	22:57			C	2	Small shock west of Riverside approx. 14 km.
12	05:19	33 35	118 35	D	3	San Pedro Channel?
13	03:55			D	3	Nevada?
	14:26	33 30	116 55	C	3.5	Agua Caliente fault. Felt.
	21:17	33 58	118 35	C	2	Southwest of Los Angeles. Felt
14	04:52	33 34	117 59	D	3	March 10, 1933 source. Felt.*
	15:36			D	4	Gulf of California
15	03:30	33 34	117 59	C	2	March 10, 1933 source. Felt.*
	03:35	33 34	117 59	C	2.5	March 10, 1933 source. Felt.*
	20:59	33 45?	116 40?	C	2	Near Palm Springs?
16	09:50	34 06	117 41	A	2.5	Aftershock of January 9, 06:10
	22:43	34 06	117 41	A	3	Aftershock of January 9, 06:10. Felt.
17	18:14	34 06	117 41	A	4	Aftershock of January 9, 06:10. Felt.
	18:44			D	3	Near head of the Gulf of California
	19:32			D	3	Near head of the Gulf of California
18	06:44			D	2.5	Near head of the Gulf of California
19	15:09	33 35	118 25	C	2.5	San Pedro Channel
20	02:28	33 34	117 59	D	2.5	March 10, 1933 source. Felt*
	13:17	33 37	118 07	B	4.5	San Pedro Channel. Felt
24	00:08	33 30	116 55	B	2.5	Agua Caliente fault
25	06:38	34 45	116 28	B	2.5	Mojave Desert between Newberry and Ludlow
	14:46	33 58	118 20	B	2	Felt in West Los Angeles
	20:31	33 34	117 59	A	2.5	March 10, 1933 source. Felt*

No. 2

PASADENA, LOCAL SHOCKS

January, 1934

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
26	03:38	33°55'	116°10'	B	1.5	Foreshock of 04:21
	04:01	33 55	118 10	B	2	Foreshock of 04:21
	04:21	33 55	118 10	B	2.5	Felt at Bell, etc.
	10:44	34 05	116 20	C	4	Little San Bernardino Mts.
	12:41	34 50	116 40	C	2	Near Newberry
	15:09	33 35	118 10	C	3	March 10, 1933 source. Felt*
	20:05			D	3.5	Nevada
27	20:28	32 00	116 30	C	3	Lower California
29	16:15	33 55	118 00	C	2	March 10, 1933 source?
	19:12			D	4.5	Nevada
30	11:17			D	3	Nevada
	11:24				5.5	Strong at Mina, Nevada
	12:17				6	Main Nevada shock. Approximately 40 aftershocks registered on Pasadena instruments up to January 31 ^d 24 ^h
	20:06	33 58	118 20	C	2	Inglewood fault.
31	13:58	33 33	117 48	B	2	Near Laguna Beach, California

*Reported felt by Martin G. Murray
Huntington Beach, California

PASADENA, LOCAL SHOCKS
February, 1934

Date	P.S.T.	Lat.	Long.	Q	M	Remarks			
1	08:09	34°33'	119°32'	B	3.5	Near Santa Barbara			
	10:34				4.5	Nevada			
	20:06				4+	Nevada			
	21:59				4.5	Nevada			
2	22:50	34 06	117 41	B	2	January 9, 06:10 source			
	17:16				4	Nevada			
	18:33				4.5	Nevada			
	20:21				4	Nevada			
3	06:38				4	Nevada			
	08:31				4.5	Nevada			
	10:04				4	Nevada			
4	10:34	33 47	118 08	B	4.5	Nevada			
	18:20				3.5	Near Long Beach. Felt.			
	03:00				4	Nevada			
	07:23				4	Nevada			
6	12:33	33 30	116 50	B	2.5	Agua Caliente Fault			
	19:10	36 35	120 30	D	3+	Arroyo Honda? Fresno County			
7	22:18	33 30	116 30	C	4	Nevada			
	01:27				3+	San Jacinto Fault			
8	02:40	33 35	118 30	C	4	Nevada			
	15:07				4	Nevada			
	03:43				2	San Pedro Channel			
	21:15				D	2.5	San Andreas Fault near Salton Sea?		
9	21:58	33 47	118 08	B	2	Near Long Beach			
	22:23	33 02	115 58	C	2.5	San Jacinto Fault west of Brawley			
	22:25	33 02	115 58	C	2	San Jacinto Fault west of Brawley			
	01:20	33 42	118 07	A	5.5	Nevada			
	03:09				4	Nevada			
10	02:52	33 42	118 07	A	2.5	Off Seal Beach			
	04:36				4.5	Nevada			
	05:13				5-	Nevada			
11	05:09	32 30	115 20	C	3.5	Volcano Lake District, Lower California?			
	07:15				3.5	Felt at El Centro			
	07:16				34 33	119 32	C	2	Near Santa Barbara. See Feb. 1, 08:09
	10:01				32 30	115 20	C	4	Felt at El Centro
	13:04				33 58	117 35	B	3	Riverside Δ approx. 22 km.
	20:28				33 57	118 38	B	2.5	Santa Monica Bay
	22:01							5	Nevada
13	04:39	33 58	118 20	C	4.5	Nevada			
	18:07				2.5	Inglewood Fault			
14	09:42	33 46	117 47	B	3+	Near El Modeno, Orange County			
	13:57	33 50	118 05	B	2	Norwalk Fault zone			
	22:03	33 47	118 08	C	2.5	Near Long Beach			
	14:13	33 30?	119 10?	D	2.5	Outer Santa Barbara Channel?			
15	17:55	33 25	117 10	C	4.5	Nevada			
	15:36				3	Southwest of Temecula			
16	18:49	33 47	118 08	C	2.5	Near Long Beach			
	19:21				4.5	Nevada			
17	14:43	33 34	117 59	B	3.5	Head of the Gulf of California			
	01:44				2	March 10, 1933, source			
18	03:59				B	2.5	Near Riverside		
	16:53				D	3	Santa Barbara Δ approx. 30 km.		
	21:37				5	Nevada			
	23:05				4	Nevada			

No. 4

PASADENA, LOCAL SHOCKS
February, 1934

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
20	02:35	33°28'	116°58'	B	4	San Jacinto Fault zone, near Anza
	03:27	33 23	115 36	B	2.5	San Andreas Fault, east shore of Salton Sea
	12:21				4	Nevada
21	05:57			E	3.5	S.E. of Pasadena 300 km.??
22	00:17	34 23	116 31	C	3	N.E. base of San Bernardino Mts.
	11:40	33 33	117 48	B	2	Near Laguna Beach
23	17:11	34 05	116 28	B	3.5	Little San Bernardino Mts.
24	20:46	32 ?	116 ?	D	3.5	Lower California
28	14:48	33 57	118 23	B	2	Inglewood Fault, S.W. of Inglewood

PASADENA, LOCAL SHOCKS

No. 5

March, 1934

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	05:07	36°08'	117°58'	B	2.5	Near Haiwee
	12:25	33 05	115 59	B	3	San Jacinto fault at Carrizo Creek
2	05:17	32	116	D	3	Lower California
	11:40	33 17	116 23	B	3	West of Clark Lake
	13:18	33 05	115 59	B	3.5	San Jacinto fault at Carrizo Creek
	13:30	33 05	115 59	B	4.5	San Jacinto fault at Carrizo Creek. Felt.
3	05:48	33 34	117 59	C	2	Off Newport Beach. Felt.
	07:05	33 37	118 02	B	3.5	Off Huntington Beach. Felt.
	07:17	33 37	118 02	D	2	Aftershock of preceding? Felt.
	12:45	33 38	118 12	B	3	San Pedro Channel
4	00:49			D	2	Probably off Newport Beach
5	14:03	33 00	118 23	C	3	Near San Clemente Island
6	00:52	33 51	118 10	B	2	Near Clearwater
	02:53	35 35	117 05	C	2.5	Garlock fault southern end of Panamint Valley
	13:46	33 49	118 25	C	2.5	Santa Monica Bay
8	00:31	31	115	D	3	Near head of the Gulf of California
	10:13	33 34	117 59	C	2	Off Newport Beach
	12:34	33 59	118 23	B?	2	Near Inglewood?
9	11:42	33 47	118 08	C	2	Near Long Beach
	21:29	33 47	118 08	C	2.5	Near Long Beach
10	00:10			E		Pasadena Δ 700 km. approx.?
	01:52	33 40	118 10	C	2.5	San Pedro Channel
	15:03	33 57	118 38	C	3.5	Santa Monica Bay. Felt.
	17:59	33 00	116 15	C	3	Agua Caliente fault
	20:12	33 00	116 15	C	2.5	Agua Caliente fault
11	18:50			D	3	Lower California
13	08:11	38	118	D	4.5	Nevada
	08:20	38	118	D	5	Nevada
16	04:52	33 43	118 05	B	2.5	Near Seal Beach
	04:54	33 43	118 05	B	2	Near Seal Beach
	04:55	33 43	118 05	B	2.5	Near Seal Beach
17	05:54	34 00	116 20	B	2	Little San Bernardino Mountains
19	02:41	38	118	D	4.5	Nevada. Slightly more distant than usual
20	03:48	36	120	D	3	Felt at Spreckels and Hollister, Calif (CGS)
21	02:01			D	4.5	Gulf of California. Pasadena Δ approx. 500 kms.
23	14:49	38	118	D	4.5	Nevada
24	20:40	34 20	118 55	B	3	Moorpark district, Ventura County
25	07:55	33 42	118 04	B	2.5	Off Bolsa Chica
26	17:35			D	2.5	Probably same as March 20 ^d 03 ^h 48 ^m
28	01:36	38	115	D	4	Nevada, north of Las Vegas
	08:30	34 02	117 19	B	2	Near Riverside
29	10:12	33 42	117 55	B	2	S.E. of Westminster
	13:52	38	115	D	4	Nevada, north of Las Vegas
30	08:26	37 40	115 20	C	4.5	Nevada, north of Las Vegas
	10:51			D	4	Same as preceding
	16:11			D	4.5	Same as preceding
31	00:24?			D	4	Same as preceding
	14:13			D	4	Same as preceding

PASADENA, LOCAL SHOCKS

No. 6

April, 1934

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	23:01	32°	115°	D	3.5	Lower California
2	00:05	38	118	D	4.5	Nevada
3	09:53	32	115	D	4	Lower California
	18:08	33 35	116 40	C	2.5	San Jacinto fault
	19:00	33 05	116 00	C	2.5	Imperial Valley
	19:57	33 05	116 00	C	2.5	Imperial Valley
	21:24	32 30	115 30	D	3	Lower California
5	14:34	33 50	118 30	B	2.5	Santa Monica Bay. Felt
6	19:36	33 42	118 07	B	3	Off Seal Beach. Felt (CGS)
7	04:06	33 35	118 00	B	2.5	Off Newport Beach. Felt (CGS)
	05:43	33 10	116 05	C	3	San Jacinto fault west of Salton Sea
	16:45	33 50	118 30	C	2.5	Santa Monica Bay
8	02:14	33 30	116 55	B	3	Agua Caliente fault north of Aguanga
	06:15	33 46	117 47	B	3	Near El Modeno. Felt (CGS)
	06:20				1.5	Probably same as preceding
	06:24				1.5	Probably same as preceding
	09:17	34 00	116 20	C	3	Little San Bernardino Mountains
10	06:45			D	2.5	San Andreas fault vicinity Indian Wells
	13:51	32 27	115 37	C	3.5	Lower California, Agua Caliente fault
	14:05	32 27	115 37	C	3.5	Lower California, Agua Caliente fault
	19:51	33 30	116 10	D	2.5	San Diego County, probably Agua Caliente fault
	22:03	34 20	118 55	B	2.5	Moorpark district, Ventura County
13	02:55	35 05	116 14	B	4	Mohave River Sink
	23:52	32 50	115 41	B	3	San Jacinto fault. Probably shock reported felt at Brawley at 23 ^h 30 ^m (CGS)
15	04:09	38	115	D	5	Nevada
	14:46	33 34	117 59	B	2.5	Off Newport Beach
	16:31	33 43	118 05	B	2.5	Off Bolsa Chica
	19:48	33 42	118 04	B	2	Off Bolsa Chica
	22:37	33 45	118 10	C	2	Near Long Beach. Felt (CGS)
16	04:54	33 45	118 10	C	1.5	Near Long Beach. Felt (CGS)
	10:16			D	4.5	Gulf of California, Pasadena Δ 675 km. approx.
	16:09	33 34	117 59	C	2	Off Newport Beach
	19:03	33 35	117 50	C	2	Near Laguna
	19:50	38	115	D	4	Nevada
17	03:36	33 47	118 08	B	2.5	Near Long Beach
	06:46	38	115	D	4	Nevada
	09:16	33 34	117 59	C	2.5	Off Newport Beach
	10:30	33 34	117 59	C	2	Off Newport Beach
	10:33	33 34	117 59	C	4	Off Newport Beach
	10:46	33 34	117 59	C	1.5	Off Newport Beach
	14:16	33 34	117 59	C	2	Off Newport Beach
	17:46	33 34	117 59	C	2	Off Newport Beach
	18:48	38	118	D	4	Nevada
19	23:38	33 47	118 08	C	3	Near Long Beach
20	17:20	32	115	D	3.5	Lower California
	20:18	33 57	118 08	B	2	Norwalk fault, north of Downey. Felt (P; CGS)
21	06:21	33 34	117 59	B	2	Off Newport Beach
	15:18	39	117	D	4	Nevada
	15:22	39	117	D	4.5	Nevada
22	02:11	34 02	117 19	B	2	Near Riverside
	03:54			D	2	Off Newport Beach ?
	04:33	33 34	117 59	B	2	Off Newport Beach
	14:04	33 34	117 59	B	2	Off Newport Beach
	16:49			D	2	Probably off Newport Beach

PASADENA, LOCAL SHOCKS

No. 7

April, 1934

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
23	08:08	37°	122°	D	4	Felt Santa Cruz County, etc. (CGS)
	13:19	37	121	D	3.5	Felt Spreckels, Hollister (CGS)
	18:10	33 25	118 10	D	2.5	Outer San Pedro Channel
25	08:58			D	2	Off Newport Beach ?
26	04:52	37 10	118 17	B	3	Near Tinomaha
	06:48	33 30	116 29	C	2.5	San Jacinto fault east of Cahuilla
27	02:47	32	116	D	3	Lower California
	10:36	33 23	115 36	C	3.5	East of Salton Sea
30	05:33	33 15	119 10	C	2.5	Vicinity of Buena Vista Lake

PASADENA, LOCAL SHOCKS

No. 8

May, 1934

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	12:33	33°47'	117°55'	B	1.5	Approximately 5 km. west of Orange, Calif.
	13:33	33 00	116 15	B	3	Agua Caliente fault southeast of Verruga
2	18:26			D	2	Off Newport Beach?
3	18:06	33 48	118 17	C	2	Near Bixby Slough
	20:37	33 10	116 28	B	3	Agua Caliente fault near Verruga
	23:45	33 47	117 55	C	2	Sec 1 ^d 12 ^h 33 ^m
4	16:04	33 34	117 59	B	2	Off Newport Beach
5	05:18	33 47	118 08	D	2	Near Long Beach?
	20:42	33 52	117 38	B	2	Near Prado
6	12:14	35 50	120 45	B	3.5	Monterey County
	17:39	33 59	118 23	B	2	Inglewood fault, southwest of Los Angeles
	21:03	35 40	119 18	B	3.5	Vicinity of McFarland, Kern County
7	17:06	34 04	117 01	B	2	San Andreas fault east of Redlands
8	01:46	34 04	117 01	B	2.5	" " " " " "
	19:51	33 47	116 40	C	2.5	San Jacinto Mountains
	23:24	33 47	118 08	B	2	Near Long Beach
9	18:48	33 47	118 08	B	3	" " "
	19:28	33 47	118 08	B	2	" " "
10	03:28	34 30	119 35	C	3	Approx. 25 km. northeast of Santa Barbara
	05:10	32 05	116 20	C	3	Lower California
	09:48	33 34	117 59	B	2	Off Newport Beach
11	05:52	33 47	118 08	B	2.5	Near Long Beach
	17:50	34 10	117 05	B	2.5	35 km. northeast of Riverside
	21:33	33 37	118 02	C	1.5	Off Huntington Beach
12	02:51	33 37	118 02	C	1.5?	" " "
13	14:33	33 47	118 08	B	2.5	Near Long Beach. Felt (CGS)
14	05:14	31 00	114 30	D	5.5	Near head of Gulf of Calif. Felt at Yuma, Ariz.
	06:47	32 05	116 20	C	2.5	Lower California
	08:35	32 05	116 20	C	3	" "
15	09:06	33 05	116 10	C	2.5	Agua Caliente fault zone, southeast of Verruga
16	02:23	34 06	117 44	B	2	Near mouth of San Antonio Canyon
18	06:38	33 45	117 35	C	2.5	Southeast of Riverside
	22:37	34 35	120 45	D	3	Off Pt. Arguello? Santa Barbara. $\Delta = 100$ km.
19	03:28	33 34	117 59	C	2	Off Newport Beach
20	01:43	34 04	116 44	B	3.5	San Bernardino Mts., Mill Creek fault.
	05:50	33 34	117 59	C	2	Off Newport Beach
21	19:37	33 12	116 26	B	2.5	East of Verruga. Agua Caliente fault zone.
22	00:52	33 34	117 59	C	1	Off Newport Beach
	22:31	32 20	116 30	D	3	Lower California
23	11:10	33 37	118 02	B	2	Off Huntington Beach
	14:22	33 55	118 20	B	3	Southwest of Los Angeles. Felt
	22:52	34 25	119 45	C	2.5	Near Santa Barbara
24	01:04	34 25	119 45	C	2.5	" " "
	03:18	34 25	119 45	C	2	" " "
	05:09	34 03	116 26	B	2	Little San Bernardino Mts.
	18:28	33 54	117 29	B	2	Near Arlington, Riverside County
25	11:05	33 47	118 08	B	2.5	Near Long Beach
	12:43	33 37	118 25	B	2.5	San Pedro Channel.
	16:19	33 33	118 21	B	2.5	" " "
26	07:46	33 52	117 38	C	2.5	Near Prado
27	19:32	31	114	D	4	Gulf of California
28	09:31	33 30	116 35	C	2.5	San Jacinto fault, vicinity of Cahuilla Valley
	15:12			D	4.5	Gulf of California
	15:20			D	3.5	" " "
	15:21			D	5	" " "
	15:41			D	4?	" " "
29	18:58	34 20	117 04	B	2	San Bernardino Mountains
30	05:04	34 00	116 20	C	2	Little San Bernardino Mountains
	16:11	33 52	117 20	B	2.5	Northwest of Perris, Riverside County
31	21:55	38	118	D	4	Nevada
	23:06	33 42	118 04	B	2	Off Bolsa Chica

PASADENA, LOCAL SHOCKS

No. 9

June, 1934

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
2	10:49			C	2	Near Riverside
	13:15	33°12'	116°10'	C	3	Agua Caliente fault, San Diego County
5	03:47	35 48	120 20	B	3	San Andreas fault, near Parkfield, Monterey Co.
	05:46	35 48	120 20	C	3	" " " " " "
	13:48	35 48	120 20	B	5	" " " " " "
	14:52	35 48	120 20	C	4	" " " " " "
	16:55	35 48	120 20	C	3	" " " " " "
6	08:40	35 48	120 20	C	3.5	" " " " " "
	14:14	40	121	D	4.5	Felt in Plumas and Lassen Counties (CGS)
	14:40	35 48	120 20	C	3.5	Near Parkfield
7	12:51	39	116	D	4	Nevada
	20:30	35 48	120 20	B	5	Near Parkfield
	20:47	35 48	120 20	B	6	" " , damage at and near Parkfield
	21:23	35 48	120 20	C	3.5	" " " " " "
	21:36	35 48	120 20	C	3	" " " " " "
	21:42	35 48	120 20	B	4.5	" " " " " "
	23:50	33 45	119 05	C	2.5	Santa Barbara Channel
8	01:30	35 48	120 20	B	4	Near Parkfield
	07:30	35 48	120 20	C	3.5	" " " " " "
	15:23	35 48	120 20	B	4	" " " " " "
9	04:50	33 47	118 08	B	3	Near Long Beach
	22:47	35 48	120 20	C	3	Near Parkfield
10	00:03	35 48	120 20	B	4.5	" " " " " "
	19:25	35 48	120 20	C	3	" " " " " "
12	02:47	35 48	120 20	C	3.5	" " " " " "
	06:15			D	4.5	To the southeast, probably Gulf of California
	12:27	38	118	D	4	Nevada
	17:50	33 37	118 02	C	2.5	Off Huntington Beach
	20:38	33 43	118 05	B	2	Off Bolsa Chica
14	05:39			1	1	Felt at Huntington Beach
	06:30			1	1	" " " " " "
	06:55	35 48	120 20	C	4	Near Parkfield
	07:54	35 48	120 20	C	4	" " " " " "
	11:26	35 48	120 20	C	4.5	" " " " " "
	14:02	35 48	120 20	C	3.5	" " " " " "
	20:48	35 48	120 20	C	3	" " " " " "
16	15:03	36.5	121	D	4	Felt, Salinas (P)
	18:43	33 09	119 27	B	4	Near San Nicolas Island
17	21:07	38	116	D	4	Nevada
19	03:53	33 34	117 59	C	2	Off Newport Beach. Felt (CGS)
	18:54	32 32	116 11	C	3	Lower California
20	12:28	33 34	117 59	B	2.5	Off Newport Beach
21	18:24	33 34	117 59	C	3	Off Newport Beach. Felt (CGS)
	18:37			D	3.5	Lower California. La Jolla Δ 180 km. approx.
22	00:26	33 34	117 59	C	2	Off Newport Beach. Felt (CGS)
23	02:53	33 02	116 30	C	3.5	Elsinore fault. Felt, Warner Springs, Ramona (CGS)
24	22:08	33 15	116 30	C	3	Agua Caliente fault
25	02:57	33 52	117 38	B	2	Near Prado
	17:22	33 50	116 10	C	3	San Andreas fault, north of Indio
26	07:50	33 47	118 08	B	2	Near Long Beach
27	10:25	33 58	117 33	B	2.5	Near Riverside
	16:15	33 47	118 08	C	3	Near Long Beach. Felt in Long Beach (CGS)
28	05:55	33 40	117 55	C	2	Vicinity of Westminster. Felt (CGS)
30	22:03	35 49	117 39	C	2.5	Inyokern Valley

PASADENA, LOCAL SHOCKS
July and August, 1934

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
July						
1	00:45	33°38'	118°12'	B	2.5	Off San Pedro
	12:58	33 45	118 05	B	2.0	Near Seal Beach
2	10:44	35 48	120 20	B	3	Near Parkfield
3	11:46	36 12	117 43	B	2.5	Near Darwin, Inyo County
5	07:05	32 45	116 25	C	3	San Diego County
	18:36	33 50	118 16	C	2	Inglewood fault near Nigger Slough
6	11:26	33 37	118 02	B	2	Off Huntington Beach. Felt (CGS)
	15:57	35 15	118 15	C	2	North of Mojave
	21:09	33 09	119 27	B	3	Near San Nicolas Island
10	03:36	33 47	118 08	C	1.5	Near Long Beach
12	22:32	35 05	118 40	C	2.5	Southeast of Bakersfield
13	05:56			D	5	Northern California
17	03:38	32	115	D	4	Probably near head of Gulf of California
21	15:46	33 33	117 48	C	2	Near Laguna Beach
	23:18	33 37	116 50	C	3	San Jacinto fault
23	13:59	32 27	115 37	C	3.5	Near Calexico. Felt (P)
24	16:20	33 30	116 55	B	2.5	Northwest of Aguanga, Riverside County
25	15:07	33 38	118 12	B	2	Off San Pedro. Felt (CGS)
29	05:58	33 58	118 30	C	1.5	Santa Monica Bay
	21:19	33 15	116 30	C	3.5	Agua Caliente fault. Felt (P, CGS)
	23:12	34 20	118 20	C	1.5	Northwest of Pasadena
30	02:03	34 20	118 20	C	2	" "
	03:01	33 15	116 30	C	2.5	Agua Caliente fault
31	04:47	33 35	117 22	B	2.5	Elsinore fault, near Elsinore
	21:22	32 27	115 37	C	3	Near Calexico. Felt (CGS)
	21:38	32 27	115 37	C	3	" " Felt (CGS)
August						
2	15:36	33 18	118 05	B	2.5	Outer San Pedro Channel
3	16:18	35 48	120 20	B	3	Near Parkfield
5	06:32	34 18	118 52	B	2	Vicinity of Moorpark, Ventura County
	21:54	34 07	118 45	B	2.5	Santa Monica Mts. near Cornell, L. A. Co.
	22:31	34 07	118 45	B	2	Near Cornell
6	00:33	34 07	118 45	B	2	" "
	15:25	33 57	118 38	B	2	Santa Monica Bay
11	09:20	33 30	116 55	C	2.5	North of Aguanga, Riverside Co. Location doubtful
	13:53	34 23	116 31	C	3	Mojave Desert
12	03:07	33 52	117 38	B	1.5	Near Prado, Riverside Co.
	11:08	33 09	116 35	C	2	Near Verruga, San Diego Co.
	16:57	32 53	117 30	C	2.5	Pacific Ocean off La Jolla. Felt in San Diego
13	19:20	33 08	116 05	C	2.5	San Jacinto fault west of Salton Sea
14	03:29	33 08	116 05	C	3.5	Location uncertain
15	15:55	33 44	116 40	C	2.5	Near Palm Springs
16	11:34	33 54	118 18	B	2	Inglewood fault southwest of Los Angeles
	19:02	34 12	116 58	C	2.5	San Bernardino Mts.
18	07:01	31 40	115 05	C	4.5	Near head of Gulf of California
	08:51	36 24	118 00	C	3	West shore of Owens Lake
	17:09	36 24	118 00	B	3.5	" " " "
	18:54	36 24	118 00	B	3.5	" " " " Felt at Keeler (CGS)
	19:30	36 24	118 00	B	3.5	" " " " " " "
19	09:33	33 52	118 20	C	2.5	S.W. of Los Angeles, Inglewood fault
	10:07	34 06	117 41	B	2.5	Vicinity of Chino
	11:28	34 12	116 21	C	2	Mojave Desert
	18:25	33 57	118 38	C	2.5	Santa Monica Bay
20	03:53	36 24	118 00	C	3	West shore of Owens Lake
21	15:38	33 34	117 59	C	2	Off Newport Beach
	16:26	33 48	118 00	B	2	Vicinity of Stanton, Orange Co.

PASADENA, LOCAL SHOCKS
July and August, 1934

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
August						
23	02:52	36 24	118 00	C	3	West shore of Owens Lake
	03:42	33 05	116 00	C	2.5	San Jacinto fault at Carrizo Creek
	09:43	36 24	118 00	B	3	West shore of Owens Lake
	14:35	34 36	118 34	B	2	R16W T6N. North of Castac
24	23:06	33 34	117 59	B	2	Off Newport Beach. Felt.
25	05:09	38.5	119	D	4	Nevada
	05:51	33 ?	117 ?	D	1.5	Felt near Huntington Beach
	10:52	34 25	119 45	C	2.5	Near Santa Barbara
	19:02	35 34	119 51	B	3	East of Lost Hills
	21:39	33 59	118 23	C	1	Inglewood fault southwest of Los Angeles
26	06:03	33 59	118 23	B	2	" " " " "
	08:03	33 59	118 23	B	2	" " " " "
	10:17	33 59	118 23	B	1	" " " " "
	18:13	33.7	119.0	D	1.5	North of Santa Barbara Island?
27	22:35	33 33	118 20	B	2	San Pedro Channel
	04:36	33 57	117 39	B	3	West of Arlington, Riverside Co.
	07:03	34 48	117 05	B	2	Southwest of Barstow
28	19:53	30	117	D	3.5	Approx. 175 km. south of La Jolla
	10:54	34 06	116 53	C	2	San Bernardino Mts. Location uncertain
29	06:51	33 37	118 02	B	2	Off Huntington Beach
	19:07	33 59	118 23	C	1.5	Location uncertain
	22:18	33 59	118 23	C	2.5	Inglewood fault s.w. of Los Angeles. Felt (CGS)
30	00:18	33 20	116 40	C	2.5	Near Warner's Springs
	04:50	34 04	117 35	B	3.5	Near Cucamonga. Felt (CGS, P)
	05:40	34 04	117 35	B	2	" "
	09:58	33 50	117 50	C	1.5	Near Olive?
31	04:23	33 23	118 18	C	2	Near Avalon, Santa Catalina Island. Blast?
	04:54	34 02	117 19	B	2	Near Riverside. Felt (CGS, P)

PASADENA, LOCAL SHOCKS

No. 12

September, 1934

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
2	01:46	33°42'	118°04'	C	2	Off Bolsa Chica
	02:16	33 25	116 20	C	3	San Jacinto fault west of Salton Sea
	21:45	34 06	116 53	B	2	San Bernardino Mts.
5	22:57	39	118	D	4	Nevada
6	00:55	33 34	117 59	B	2	Off Newport Beach
	01:16	30	113	D	5	Approx. 500 km. southeast of La Jolla
	02:51	30?	113?	D	5	" " " " " "
	03:06	30?	113?	D	4	" " " " " "
	15:24	36 00	120 33	C	3	San Andreas fault near Stone Canyon
	17:33	33 37	118 02	B	2.5	Off Huntington Beach
7	02:02	33 ?	117 ?	C	1.5	Vicinity of Richfields, Orange County?
8	10:04	33 ?	117 ?	C	1.5	Vicinity of Richfields?
	19:56	34 06	116 53	C	2?	San Bernardino Mts. Doubtful location
10	15:25	33 ?	117 ?	C	1.5	Near Richfields? Off Newport Beach?
11	02:44	33 37	118 02	B	2	Off Huntington Beach
12	00:56	33 04	116 39	C	2	Near Julian, San Diego County
	03:29	36 08	118 48	B	3	Near Springville, Tulare County. Felt at Porterville (CGS)
	10:49	33 33	117 48	C	1.5	Off Laguna Beach?
13	00:08	33 47	118 08	C	2	Near Long Beach
	02:36	33 34	117 59	B	3.5	Off Newport Beach. Felt: Huntington Beach, Balboa (CGS)
	10:40	38 ?	118 ?	D	4	Nevada
15	22:12	33 50	119 20	C	2	South of Anacapa Is. Doubtful location
16	06:38	35 50	120 20	C	3.5	Vicinity of Parkfield, Monterey County
	18:18	33 34	117 59	C	2	Off Newport Beach
17	02:21	34 10	118 43	C	2.5	Near Cornell, Los Angeles County
18	14:27	33 55	117 35	B	3	Near Whitewater, Riverside County
20	03:10	37 25	118 20	C	3	Mono County
	17:05	33 52	117 38	B	2	Elsinore fault, near Prado
	17:33	33 42	118 04	B	2	Off Bolsa Chica
	23:06	33 34	117 59	C	2	Off Newport Beach. Felt at Huntington Beach (CGS)
21	22:45	33 55	118 02	C	1	Whittier fault. Location doubtful
22	02:36	33 01	116 20	C	3	Agua Caliente fault, southeast of Verruga
23	07:20	30?	114?	D	4	Near head of Gulf of California
	11:47?	30?	114?	D	4.5	" " " "
	19:20	39	117	D	4	Nevada
24	05:46	33 37	118 02	C	2	Off Huntington Beach
	23:14	39	117	D	4	Nevada
26	05:01	33 10	116 10	C	2.5	San Jacinto fault, east of Salton Sea
27	13:40	32 05	116 40	C	4	Lower California
	23:28	34 59	118 35	B	2	Garlock fault, south of Tehachapi, Kern County
28	08:00	33 15	118 10	C	2.5	Southeast of Catalina Island
	11:13	33 15	118 10	C	2.5	" " " Blast?
29	14:58	33 52	117 38	C	1.5	Near Prado. Doubtful location
30	00:37	35 50	117 39	C	2	Inyokern Valley
	03:39	33 37	118 02	C	2	Off Huntington Beach
	20:54	34 35	116 44	B	2	Mojave Desert south of Newberry
	21:20	33 25	117 30	C	2	Near San Onofre. Doubtful location

PASADENA, LOCAL SHOCKS

No. 13

October, 1934

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	11:20	33°14'	116°28'	C	3	Agua Caliente fault near Verruga
	12:15	33 42	117 50	B	3	Near Tustin, Orange County
	15:50	33 34	117 59	B	2.5	Off Newport Beach
2	04:41	32 40	116 30	C	3.5	Near Campo, San Diego County
	06:25	33 57	117 33	B	3	Near Riverside
	12:20	37.6	122.8	D	4	Felt, San Francisco Bay region (P)
	12:30	37.6	122.8	D	4	" " " " " (P)
3	17:37	33 50	117 40	C	2	Near Prado, Riverside County
	19:40	33 50	117 40	B	2.5	" " " "
4	15:47	33 50	117 40	C	2	" " " "
5	11:00	33 57	117 33	B	2	Near Riverside
	20:03	33 37	118 02	B	2.5	Off Huntington Beach. Felt near there (CGS)
6	16:18	34 33	120 47	C	3.5	Off Point Arguello
	18:11	33 37	118 02	C	2	Felt near Huntington Beach (CGS)
7	07:33	33 42	118 05	B	2	Off Bolsa Chica
	20:57	34 30	119 35	C	2	Near Santa Barbara
8	12:08	33 57	117 33	C	1.5	Near Riverside
9	09:57	32 30	116 10	C	3	Lower California
	19:43	32 30	116 10	D	3	" "
10	02:52	34 33	120 47	C	3	Off Point Arguello
	15:03	33 46	118 07	B	2	Near Long Beach
12	01:02	33 45	117 53	C	1.5	Near Westminster. Felt near Huntington Beach (CGS)
	08:44	32	116	D	3.5	Lower California
13	00:22	33 37	118 02	D	1.5	Off Huntington Beach. Felt near there (CGS)
	01:22	33 44	117 23	B	2	Northwest of Elsinore
	06:06	34 49	119 00	B	2.5	San Andreas fault west of Tejon Pass
14	17:02	32	116	D	3	Lower California
	16:20	30	114	D	4	Gulf of California?
	18:00	30	114	D	4	" "
	18:04	30	114	D	4	" "
15	19:59	32 27	115 37	C	3.5	Lower California. Felt at El Centro
16	00:14	33 38	118 10	B	2	San Pedro Channel
	15:12	39?	118?	D	4	Nevada?
17	01:38	33 38	118 24	B	4	San Pedro Channel. Felt generally Venice, Los Angeles, Long Beach area. (P,CGS)
	23:06	33 47	118 18	B	2	Near Nigger Slough
18	02:07	33 46	118 06	B	3	Near Long Beach. Felt Venice, Long Beach, West Los Angeles area (P,CGS)
19	07:39	35 48	120 20	C	3	Near Parkfield, Monterey County
21	18:24	33 00	116 40	C	3.5	Elsinore fault. Felt at Julian and Jamul, San Diego County (CGS)
22	03:59	33 01	116 20	C	3	Agua Caliente fault, San Diego County
	07:23	33 34	117 59	B	2	Off Newport Beach. Felt near Huntington Beach (CGS)
23	10:17	33 46	118 06	C	3	Near Long Beach. Reported felt.
	20:56	32 53	118 15	B	3	Off San Clemente Island
25	18:45	33 59	118 23	B	2.5	Inglewood fault southwest of Los Angeles
	20:14	33 59	118 17	B	2.5	" " . Felt southwestern Los Angeles (P, CGS)
26	23:46	33 34	117 59	C	1.5	Off Newport Beach. Felt near Huntington Beach (CGS)
27	01:39	33 30	116 55	C	2.5	Agua Caliente fault north of Aguanga
	13:46	33 47	118 08	B	3	Near Long Beach
	13:51	33 47	118 08	B	2	" " "
	21:47	33 23	117 05	C	3	Near Palomar Mountain, San Diego County
28	15:13	32 05	116 40	C	3.5	Lower California
29	07:07	34 02	118 09	C	2	Near Belvedere Gardens, Los Angeles County
	20:51	33 30	116 55	B	3	North of Aguanga
31	06:13	32 05	116 40	C	3.5	Lower California

PASADENA, LOCAL SHOCKS

No. 14

November, 1934

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	06:04	33°34'	117°59'	B	2	Off Newport Beach. Felt near Huntington Beach (CGS)
	10:19	33 25	115 48	C	3.5	Eastern shore of Salton Sea
	10:51	33 25	115 48	C	3.5	" " " "
2	10:49	31 ?	114 ?	D	5	Gulf of California
	11:42	31 ?	114 ?	D	4	" "
4	14:17	34 32	119 40	B	3	Near Santa Barbara
	18:38	33 47	118 08	B	3.5	Near Long Beach. Felt (P, CGS)
5	19:29	33 57	118 38	C	1	Santa Monica Bay
	19:56	33 47	118 08	B	2.5	Near Long Beach
6	01:27	32 ?	116 ?	D	3	Lower California. Felt at El Centro? (CGS)
	07:26	33 53	117 30	C	2	Southwest of Riverside
7	09:00	33 50	117 51	B	1.5	Near Olive
	22:45	32 20	115 20	D	3.5	Volcano Lake district, Lower California
8	05:48	39 ?	116 ?	D	4	Nevada
	13:44	33 28	118 25	C	2.5	Near Catalina Island
11	12:34	33 37	118 02	C	2	Off Huntington Beach. Felt near there (CGS)
13	06:22	31.5	116.0	D	4	Lower California
	12:41	33 40	117 15	B	3	Near Elsinore, Riverside County
	22:37	33 50	117 24	B	2.5	Gavilan district, Riverside County
14	06:12	31 ?	114 ?	D	4?	Gulf of California
	06:31	31 ?	114 ?	D	4?	" "
	13:30	33 11	117 30	B	3.5	Off the coast at Oceanside
	23:17	33 13	116 13	C	3.5	San Jacinto fault, west of Salton Sea
15	18:02	33 37	118 02	B	2	Off Huntington Beach
	23:14			D	4	Gulf of California?
16	07:31	33 47	118 08	B	2	Near Long Beach
	10:42	33 25	115 30	C	3.5	Lower California
	13:26	33 45	118 00	B	4	Near Westminster. Felt Los Angeles, Santa Ana, etc. (P,CGS)
	15:50			D	2	Vicinity of preceding
	15:58	33 45	118 00	C	2	Near Westminster. Felt near there (CGS)
	16:36			D	2	Vicinity of preceding
	17:25	35 00	118 53	C	2.5	Garlock fault (?) vicinity Tejon Pass
19	08:50	33 45	118 00	C	2	Vicinity of Westminster
20	16:49	33 45	118 00	C	2	" "
	17:02	34 35	119 37	B	2.5	Near Santa Barbara
21	14:49	33 42	118 04	C	3	Off Bolsa Chica. Felt in Long Beach
	16:08	33 10	116 25	B	3	Agua Caliente fault, near Verruga
	22:46	33 33	118 21	B	2	San Pedro Channel
22	00:46	33 34	117 59	B	2	Off Newport Beach
23	01:55	33 40	117 13	B	2.5	East of Elsinore Lake
	02:12	33 42	118 04	C	2	Off Bolsa Chica
25	00:18	32 05	116 40	C	5	Lower California. Felt El Centro, San Diego
	06:38	32 05	116 40	C	3.5	" "
	16:23	33 50	117 24	B	3	Gavilan district, Riverside County
	17:58	34 12	117 20	B	2	Cajon Pass
29	15:27	34 17	117 13	C	2.5	San Bernardino Mountains
30	11:31	38 ?	118 ?	D	4	Nevada

December, 1934

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
2	01:31	32°05'	116°40'	C	3.5	Lower California
	08:07	35 58	120 35	C	4	Vicinity of Stone Canyon, Monterey County
	10:05	32 05	116 40	C	3.5	Lower California
	12:20	33 47	118 08	B	2	Near Long Beach
	17:54	35 57	121 30	C	4.5	Off the coast near Gorda, Monterey County
3	08:55	33 34	117 59	C	2.5	Off Newport Beach
	22:17	38 ?	118 ?	D	4	Nevada. Two shocks.
5	06:21	34 02	117 19	B	2.5	Near Riverside
	10:15	33 50	117 24	B	2.5	Gavilan district, Riverside County
	23:43	35 06	119 05	B	4	South of Bakersfield
6	11:54	33 50	118 09	C	2.5	Vicinity of Norwalk
	19:34	33 30	116 29	C	3	San Jacinto fault, R5E, T8S
7	10:41	32 ?	116 ?	D	3.5	Lower California
8	10:17	33 46	118 06	C	2.5	Near Long Beach
	10:28	33 52	118 15	C	2	Inglewood fault near Nigger Slough
11	00:11	33 25	117 30	C	2	Near San Juan Capistrano
12	02:42	35 50	117 39	B	2.5	Inyokern Valley
13	15:43	33 55	117 30	C	1.5	Southwest of Riverside
14	02:06	32 ?	116 ?	D	3.5	Lower California
16	02:00	32 05	116 40	C	3	" "
	10:08	32 27	115 37	C	3	" "
17	03:10	34 35	120 20	B	4.5	East of Lompoc. Minor damage, Los Alamos (P)
	05:51	34 35	120 20	C	2.5	" "
	07:16	34 33	119 40	C	2.5	Near Santa Barbara
	07:35	34 35	120 20	C	2.5	East of Lompoc
	19:09	34 35	120 20	C	4	" "
	20:34	34 35	120 20	C	3	" "
	21:28	34 35	120 20	C	3	" "
19	12:39	34 17	119 30	B	2.5	Santa Barbara Channel
	21:53	33 47	118 08	C	1.5	Near Long Beach
	21:53	33 47	118 08	C	2	" " "
	21:54	33 47	118 08	C	2	" " "
20	04:37	34 35	120 20	C	2.5	East of Lompoc
	04:39	34 35	120 20	C	3	" "
	14:21	34 35	120 20	C	3	" "
21	01:28	34 59	118 35	C	2	Garlock fault south of Tehachapi
	04:24	33 42	116 59	B	3	San Jacinto fault near Hemet
	15:35	33 34	117 59	C	2	Off Newport Beach? Location doubtful
23	08:08	34 35	120 20	C	2.5	East of Lompoc
	23:49	34 08	118 10	B	?	Small shock very near Pasadena
24	02:22	34 35	120 20	B	3	East of Lompoc. Felt at Los Alamos
	08:26	35 56	120 29	B	5	Near Parkfield. Felt at San Luis Obispo, King City, etc.
	20:03	34 35	120 20	C	3	East of Lompoc
27	05:41	34 02	117 19	C	3	Near Riverside
28	07:14	33 30	116 55	C	2.5	Agua Caliente fault north of Aguanga
29	03:47	37 20	118 30	B	3.5	Northwest of Tinemaha
30	05:52	31 ?	115 ?	D	6	Lower California. Felt generally Imperial Valley, etc. (P, CGS)
	06:30	31 ?	115 ?	D	4.5	Lower California
	07:05	31 ?	115 ?	D	4.5	" "
	07:34	31 ?	115 ?	D	4.5	" "
	09:46	34 05	117 45	C	2.5	Vicinity of Pomona
	10:24	31 ?	115 ?	D	4	Lower California
	10:38	31 ?	115 ?	D	4.5	" "
	11:23	31 ?	115 ?	D	4.5	" "
	21:51	38 ?	118 ?	D	4	Nevada

PASADENA, LOCAL SHOCKS
December, 1934

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
31	10:45	31°?	115°?	D	6.5	Lower California
	12:06	30 ?	112 ?	D	4.5	Gulf of California
	13:03	30 ?	112 ?	D	4.5	" "
	14:23	30 ?	112 ?	D	5	" "
	14:34	30 ?	112 ?	D	4	" "
	14:50	30 ?	112 ?	D	4	" "
	17:12	30 ?	112 ?	D	4	" "
	17:58	33 34	117 59	B	3.5	Off Newport Beach. Felt near Huntington Beach (CGS)
	19:11	30 ?	112 ?	D	4	Gulf of California
	20:20?	30 ?	112 ?	D	3.5	" "
	22:02	30 ?	112 ?	D	4.5	" "

Note: 35 shocks apparently aftershocks of December 30^d05^h52^m recorded at Pasadena up to December 31^d08^h37^m;
17 shocks, apparently aftershocks of December 31^d10^h45^m, recorded at Pasadena up to January 1^d0^h0^m.

A more detailed account of these shocks will be issued later.

PASADENA, LOCAL SHOCKS

No. 1

January, 1935

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	02:13	33°55'	117°50'	B	1.5	Whittier fault vicinity of Olinda, Orange Co.
	03:45	31 ?	115 ?	D	3.5	Lower California
	03:48	30 ?	112 ?	D	4	Gulf of California
	05:22	33 56	116 45	B	3.5	San Andreas fault near Cabezon, Riverside Co.
	05:48	33 37	118 02	B	2	Off Huntington Beach
	06:36	30 ?	112 ?	D	4	Gulf of California
	07:23	31 ?	115 ?	D	3.5	Lower California
	08:13	32 32	116 11	C	3	"
	09:59	30 ?	112 ?	D	3.5	Gulf of California
2	04:29	36 09	117 57	B	2.5	Near Haiwee
	23:22	33.6	118.2	D	2	Felt near Huntington Beach (CGS)
3	20:59	30 ?	112 ?	D	5	Gulf of California
4	13:59	31 ?	115 ?	D	4	Lower California
5	02:01	32 30	115 30	D	3.5	"
	10:29	33 34	117 59	C	2	Off Newport Beach
	19:31	33 34	117 59	C	2	"
	20:04	35 56	120 29	C	4	Near Parkfield, Monterey County
	20:40	35 56	120 29	C	4	" "
	21:12	32 ?	116 ?	D	3.5	Lower California
6	12:23	32 ?	115 ?	D	3.5	Vicinity Volcano Lake, Lower California
	16:11	35 45	119 40	D	3	Near Kettleman Hills
	18:35	33 30	116 55	B	2.5	Agua Caliente fault north of Aguanga
7	12:24	30 ?	112 ?	D	4.5	Gulf of California
	18:34			D	4?	Distant local possibly off coast Monterey Co.
	22:13	32 ?	115 ?	D	3.5	Lower California
8	16:58	33 23	115 36	C	3	East of and near Salton Sea
9	02:03	32 27	115 37	C	3.5	Lower California
	04:20	30 ?	112 ?	D	4	Gulf of California
	23:39	33 52	117 38	B	2.5	Elsinore fault near Prado, Riverside County
10	20:50	34 05	116 28	C	2	Little San Bernardino Mountains
11	05:48	33 50	117 24	B	2	Gavilan district, Riverside County
12	18:24	32 20	116 28	C	4	Lower California
13	03:20	34 05	116 28	C	2	Little San Bernardino Mountains
	11:36	31 40	116 40	C	3.5	Lower California
14	14:45	36 40	116 30	C	3	Southern Nye County, Nevada
	23:38	31 40	115 05	D	4	Near head of Gulf of California
15	00:53	33 42	118 04	B	2	Off Bolsa Chica
	06:04	33 42	118 04	C	1.5	"
16	15:08	33 47	118 08	C	2	Near Long Beach
19	22:50	33 37	118 02	C	2.5	Off Huntington Beach
20	16:09	38 ?	118 ?	D	4	Nevada. Uncertain
21	14:05	33 44	117 22	B	2.5	Vicinity of Perris, Riverside County
22	01:28	33 53	118 09	B	3.5	Norwalk fault, near Norwalk, Felt Los Angeles, Compton, Huntington Park, etc. (P,CGS)
	19:06	34 01	117 25	B	3.5	Felt: Riverside (P) Guasti (CGS)
	19:16	34 35	120 20	C	3.5	East of Lompoc. Felt at Los Alamos (CGS)
23	05:52	35 27	119 15	C	4	Northeast of Bakersfield. Felt throughout southeastern San Joaquin Valley (P,CGS)
24	00:23	33 37	118 02	C	2	Off Huntington Beach
	22:12	33 52	117 44	B	2.5	Whittier fault near mouth of Santa Ana Canyon
26	03:40	33 57	116 27	C	2	San Andreas fault (?) east of Whitewater, Riverside County
	19:11	32 32	116 11	C	3	Lower California
27	01:49	34 30	119 37	B	2.5	Near Santa Barbara
	02:56	33 59	118 23	B	2	Inglewood fault southwest of Los Angeles
	06:16	33 38	118 12	C	1.5	San Pedro Bay
	21:34	33 38	118 12	B	2	San Pedro Bay. Felt in L. A. Harbor district (P)
29	13:04	33 17	116 18	C	3	San Jacinto fault near Clark Lake. Two shocks
31	21:42	33 50	117 50	B	2	Near Olive, Orange County

Small aftershocks of Dec. 31^d10^h45^m (Lower California) recorded on following days: Jan 1, 6; Jan 2, 10; Jan 3, 1; Jan 4, 2; Jan 5, 3; Jan 6, 1; Jan 7, 2; Jan 8, 3; Jan 21, 1.

PASADENA, LOCAL SHOCKS

No. 2

February, 1935

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	06:21	33°34'	117°59'	C	2	Off Newport Beach
3	18:18	32 ?	115 ?	D	3.5	Lower California
4	19:12	33 47	118 08	B	2	Near Long Beach
5	22:36	35 44	117 55	B	3	Sierra Nevada west of Inyokern Valley
	22:41	35 44	117 55	C	2.5	" " " " "
	22:44	35 44	117 55	C	2	" " " " "
	23:05	35 44	117 55	C	2.5	" " " " "
6	12:57	35 44	117 55	C	2.5	" " " " "
7	03:18	32 ?	115 ?	D	3	Lower California
	20:22	35 50	118 00	B	4	South of Haiwee. Felt at Haiwee (CGS)
8	12:54	34 09	117 25	B	2	North of Rialto, San Bernardino County
	23:53	31.6	115.1	D	4	Lower California
10	17:35	33 57	117 39	B	2	North of Chino
11	23:41	33 52	117 38	B	2	Elsinore fault near Prado, Riverside County
13	02:49	33 56	116 45	B	2	San Andreas fault near Cabezon, Riverside Co.
14	14:30	33 42	118 04	B	3.5	Off Bolsa Chica. Felt at Seal Beach, Long Beach (CGS)
15	01:23	34 02	117 19	B	1.5	Near Riverside
	07:13	34 02	117 19	B	1.5	" "
17	03:13	32 ?	115 ?	D	3	Lower California
	03:32	33 30	116 55	B	2.5	Agua Caliente fault, north of Aguanga
	03:47	32 ?	115 ?	D	4	Lower California
	20:02	35 56	120 29	C	3.5	Near Parkfield, Monterey County
19	06:17	35 56	120 29	D	3	Near Parkfield?
20	12:40	33 01	116 20	C	2.5	Agua Caliente fault near Vallecito
22	09:53	33 45	117 58	C	2	Near Westminster
23	08:29	35 37	116 17	D	3	Near Searles Lake, very uncertain
	17:45	31 59	115 12	C	6	Felt throughout southern Imperial and San Diego counties. Epicenter near that of shock of 1934, Dec. 31 ^d 10 ^h 18 ^m . For aftershocks see bottom of report.
24	06:15	33 46	118 07	B	2.5	Near Long Beach. Felt near there (CGS)
25	07:57	33 00	116 15	B	3	Agua Caliente fault
26	07:14	33 50	117 24	B	2.5	Gavilan district, Riverside County
	23:15	36 40	117 10	B	3	Death Valley
27	17:14	33 37	118 02	B	2	Off Huntington Beach
28	11:06	35 48	120 20	C	3	Near Parkfield, Monterey County

Aftershocks of 23^d17^h45^m

Feb 23	17:51	3.5	Feb 24	00:20	4.5	Feb 25	00:48	3
	18:10	4		00:44	3		08:58	4
	19:18	3.5		06:19	4		09:15	3.5
	19:35	3		09:10	4	Feb 26	01:18	3.5
	20:54	3		11:03	3.5		02:49	3
	21:09	3		11:32	4		09:35	4
	21:34	3		13:33	4		14:31	3.5
				13:50	3.5		16:00	4
				19:44	3.5		20:46	4
						Feb 28	20:21	4.5

PASADENA, LOCAL SHOCKS

No. 3

March, 1935

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	12:26	34°06'	117°41'	B	3	Vicinity of Chino
	15:10	31 59	115 12	C	4.5	Lower California
	18:14	31 59	115 12	C	3	" "
	19:09	31 59	115 12	C	3.5	" "
2	21:40	33 42	116 59	B	2	San Jacinto fault (Lake (P)
	21:49	38 ?	118 ?	D	3	Nevada. Felt at Bodie, Bridgeport and Mono
3	00:38	32 ?	115 ?	D	3	Lower California
	02:57	31 59	115 12	C	3.5	" "
	03:26	36 25	121 45	C	3	Monterey County
4	15:54	35 01	118 23	B	3	Garlock fault west of Mojave
	17:00	33 52	116 52	B	2.5	San Andreas fault near Cabezon, Riverside Co.
5	04:03	33 47	118 08	B	2	Near Long Beach
	04:45	34 59	118 35	C	2.5	Garlock fault west of Mojave
	13:52	33 52	116 52	B	3	San Andreas fault near Cabezon
	16:55	36 09	117 57	B	2.5	Near Haiwee
	20:51	37 20	119 50	C	4	Southeast of Mariposa
6	12:29	32 ?	115 ?	D	3.5	Lower California
	15:14	34 26	119 52	C	3.5	Near Santa Barbara. Felt there (CGS, P)
	21:34	34 00	116 20	B	2	Little San Bernardino Mountains
7	11:11	31 59	115 12	C	4	Lower California
	11:15	31 59	115 12	D	3	" "
	12:17	33 47	118 08	B	3.5	Near Long Beach. Felt at Long Beach, S-W Los Angeles, etc. (CGS)
	19:18	34 25	117 52	B	3	Near Valyermo. Felt at Llano
8	16:40	31 ?	115 ?	D	3.5	Lower California
9	02:42	33 47	118 08	B	2.5	Near Long Beach. Felt there (P)
	22:16	33 58	116 45	B	3	San Andreas fault near Cabezon, Riverside Co.
11	05:23	31 ?	115 ?	D	3.5	Lower California
	13:53			D	4	To the northwest? Tinemaha $\Delta = 275?$
12	05:51	33 45	116 52	B	3	San Jacinto fault
	09:47	32 37	119 20	B	3.5	Off the coast, approx. 225 km west of San Diego
	11:23	31 ?	115 ?	D	3	Lower California
13	08:48	31 ?	115 ?	D	3	" "
14	18:25	33 40	117 17	B	3.5	Elsinore fault. Felt at Elsinore (CGS)
16	05:44	33 42	117 56	B	2	Near Westminster
	13:23	34 38	116 57	C	2	Lucerne Valley
17	12:26	35 22	118 50	B	4	Near Bakersfield
	21:18	33 44	117 23	B	2	Elsinore fault northwest of Elsinore
18	01:33	31 ?	115 ?	D	3.5	Lower California. 2 shocks
	04:33	33 34	117 59	C	2	Off Newport Beach
	06:57	35 22	118 50	B	2.5	Near Bakersfield
	19:59	34 33	120 47	B	4	Off Point Arguello
20	08:02	33 34	117 59	C	2	Off Newport Beach
	19:31	31 ?	115 ?	D	3.5	Lower California
21	05:39	33 50	117 24	B	1.5	Gavilan District, Riverside County
	19:29	31 59	115 12	C	4	Lower California
	20:37	31 59	115 12	C	4	" "
23	18:31	31 ?	115 ?	D	3.5	" "
25	02:15	37 05	118 21	B	3	Near Tinemaha
29	02:48	31 ?	115 ?	D	3	Lower California
30	04:40	35 53	118 17	B	3	Upper South Fork, Kern River
31	16:22	31 ?	115 ?	D	3.5	Lower California

April, 1935

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
3	06:17	33°43'	118°05'	C	1.5	Off Bolsa Chica. Doubtful
5	02:13	35 56	120 29	C	3.5	Near Parkfield, Monterey County
	15:40	31 ?	115 ?	D	4	Near head of Gulf of California
6	04:16	33 44	118 20	B	2.5	San Pedro Hills fault, near Palos Verdes
	08:28	33 44	118 20	C	2	" " " " " " "
	08:41	31 59	115 12	C	4.5	Lower California
7	01:32	33 30	116 29	B	3.5	San Jacinto fault east of Cohuilla, Riverside Co
9	11:38	33 05	115 59	C	3	San Jacinto fault at Carrizo Creek
11	14:19	33 47	118 08	C	2	Near Long Beach
13	00:02	33 34	117 59	D	2	Off Newport Beach. Doubtful
	02:08	33 47	118 08	C	2	Near Long Beach
	21:45	34 18	118 18	C	1.5	Vicinity of Newhall
	22:51	35 00	118 53	C	3	East of Wheeler Ridge, Kern County
	22:59	35 00	118 53	C	2.5	" " " " "
14	20:21	33 10	116 08	C	3	San Jacinto fault west of Salton Sea
16	18:24	31 ?	115 ?	D	3.5	Lower California
	20:39	36 39	117 13	C	2.5	Death Valley
	20:41	36 39	117 13	B	3	" "
	21:04	36 39	117 13	B	3.5	" "
17	01:05	33 42	117 53	B	2.5	Between Santa Ana and Newport Beach
	22:07	37 54	118 32	C	4	Mono County, north of Benton
18	14:13	33 35	118 25	C	2.5	San Pedro Channel
	20:35	34 25	119 06	C	2.5	Near Ventura
	20:56	34 25	119 06	C	2	" "
19	00:39	34 02	117 19	B	3	Near Riverside. Another shock near to Pasadena in same minute
	01:14	34 25	119 15	B	3.5	Near Ventura
	08:48	33 33	117 48	C	2	Near Laguna Beach
	09:37	33 47	118 08	C	2	Near Long Beach. Doubtful
	14:21	32 40	114 55	D	3.5	Lower California
20	21:31	31 59	115 12	C	4.5	" "
	21:35	31 59	115 12	C	4	" "
	21:49	31 59	115 12	C	4	" "
	22:04	31 59	115 12	C	4	" "
	23:04	31 59	115 12	D	3.5	" "
22	18:26	33 57	117 39	B	3	North of Chino
24	09:26	36 40	117 15	C	3.5	Death Valley
	10:28	33 55	118 05	B	2	Near Clearwater
	11:23	36 40	117 15	C	3	Death Valley
	23:26			D	2	Off Huntington Beach? Felt near there
25	00:12	33 42	118 04	C	2	Off Bolsa Chica. Uncertain
	03:49	31 59	115 12	C	3.5	Lower California
	04:47	31 ?	115 ?	D	3	" "
27	17:38	33 50	117 45	C	2.5	Vicinity of El Modeno
	22:29	31 59	115 12	C	3	Lower California
28	02:46	31 ?	115 ?	D	3	" "
	03:25	31 59	115 12	C	4	" "
	13:47	34 06	116 53	B	2.5	San Bernardino Mountains
29	05:37	34 01	118 07	B	2	Whittier fault near Monterey Park
	12:08	31 45	116 30	C	5	Lower California near Ensenada
	20:36	30.5	116.5	D	4.5	Lower California
30	12:43	33 42	118 04	B	2	Off Bolsa Chica
	21:53	33 34	117 59	C	2	Off Newport Beach. Location uncertain. Felt near Huntington Beach

Aftershocks of April 29^d12^h08^m

April 29	P.S.T.	M	April 30	P.S.T.	M
	12:14	$\frac{3}{3}$		00:19	$\frac{3}{3}$
	12:29	2.5		00:22	3
	12:32	3		09:57	3.5
	13:03	3		15:20	3.5
	13:49	4		16:07	4.5
	15:56	3		19:52	4
				22:55	4

PASADENA, LOCAL SHOCKS

No. 5

May, 1935

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	02:39	33°44'	117°01'	C	2	San Jacinto fault near San Jacinto
	10:23	31 45	116 30	C	4	Lower California
	10:25	31 45	116 30	C	4	" "
	10:28	31 45	116 30	C	3	" "
	16:40	33 47	118 08	C	2	Near Long Beach. Doubtful location
3	05:26	31 ?	116 ?	D	3	Probably same as 1 ^d 10 ^h 28 ^m
	09:52	31 ?	116 ?	D	3.5	Same as preceding (CGS)
4	03:02	33 37	118 02	C	2	Off Newport Beach. Felt near Huntington Beach
	20:19	31 45	116 30	C	3.5	Lower California
5	04:58	34 35	119 41	C	2.5	Near Santa Barbara
	18:36	34 10	117 31	B	2	Vicinity of Etiwanda, San Bernardino County
	18:53	31 45	116 30	C	2.5	Lower California
	18:54	31 45	116 30	C	3	" "
	21:07	34 03	116 26	B	2.5	Little San Bernardino Mountains, east of Morongo Valley
7	17:41	32 32	116 11	B	3.5	Lower California. Felt at Moreno Dam
	19:46	30 ?	116 ?	D	3.5	" "
8	01:47	32 32	116 11	C	3	" "
	06:29	36 41	116 58	C	3.5	Death Valley
	17:13	30 ?	114 ?	D	5	Gulf of California. La Jolla Δ 475 km approx.
10	14:08	35 42	118 22	B	3	South Fork Kern River, near Weldon) See end
	14:19	35 42	118 22	B	3	" " " " " ") of report
	14:54	35 42	118 22	B	3	" " " " " ") for other
	22:30	35 42	118 22	B	3.5	" " " " " ") shocks
	22:44	35 42	118 22	B	3	" " " " " ") from this
	23:06	35 42	118 22	B	3	" " " " " ") source
11	01:11	35 42	118 22	C	2.5	" " " " " ")
	03:36	32.3	116.6	D	3	Lower California
13	11:15	33 57	118 38	C	2	Santa Monica Bay
	23:14	33 53	117 50	B	3	Near Richfields. Felt at Placentia (CGS)
14	00:17	35 42	118 22	C	2.5	South Fork Kern River. Felt at Magunden (CGS)
15	05:05	35 42	118 22	C	3	" " " "
	11:11	33 47	118 08	C	3	Near Long Beach. Doubtful
	19:25	37 23	118 55	B	4.5	Sierra Nevada south of Mammoth. Felt Huntington Lake, Big Creek, Florence Lake, etc (P)
16	02:12	37 23	118 55	B	3.5	Sierra Nevada south of Mammoth
	18:55	35 37	117 17	C	3	Near Searles Lake
17	06:55	35 42	118 22	C	3	South Fork Kern River
	20:36	34 35	120 20	B	3.5	East of Lompoc. Felt at Los Alamos (CGS)
18	19:44	34 35	120 20	C	3	" "
19	11:30	33 50	117 44	C	2.5	Near Richfields
	14:34	33 34	117 59	C	2.5	Off Newport Beach. Felt near Huntington Beach
20	01:13	33 42	118 04	C	2	Off Bolsa Chica
	15:44	34 35	120 20	C	3	East of Lompoc
21	21:06	33 33	117 48	D	2	Off Laguna Beach. Uncertain
22	18:44	33 53	117 50	C	2	Near Richfields. Uncertain
23	00:05	34 20	117 00	C	2	San Bernardino Mountains
25	01:44	33 09	116 35	C	3	San Jacinto fault. Vicinity of Verruga
26	04:21	32 27	115 37	C	3	Lower California
	05:26	32 27	115 37	C	3	" "
27	00:43	33 30	116 38	B	3	San Jacinto fault, Coahuila Valley
	03:47	31 45	116 30	C	3.5	Lower California
	08:08	35 22	120 58	C	3	Off coast of Monterey County
	11:38	32 27	115 37	D	3	Lower California
30	23:48	35 15	116 57	C	2.5	Mojave Desert
31	09:22	37 05	118 45	C	3	Sierra Nevada west of Tinemaha

PASADENA, LOCAL SHOCKS

No. 5

May, 1935

Other shocks from source at 35°42' 118°22' (not recorded at Pasadena)

<u>Day</u>	<u>P.S.T.</u>	<u>M</u>		
10	15:01	2.5		
	15:02	2		
	16:12	2.5		
	16:18	2		
	17:29	2		
	18:14	2		
	22:37	2		
	22:59	2		
	23:11	2		
	23:17	2		
11	02:16	2		
	02:42	2.5		
	05:32	2		
	08:27	2		
	10:20	2		
	16:47	2		
	17:42	2		
	18:41	2		
	13:50	2		
	05:30	2		
14	00:20	2		
	00:25	2		
	00:26	2		
	00:28	2		
	00:34	2		
	06:55	2		
	08:01	2		
	07:50	2		
	01:27	2		
	22:28	2		
18	22:58	2		
			Reported felt	
			Kernville, May 10 ^d	14:04
				23
				30
				16:20
				22:23
				38
				45
				23:10
			May 11 ^d	00:05
				01:10
			Kern River No. 3 Plant	
			May 10	22:32
			Magunden Sub-station	
			May 10 ^d	22:32
				45
			Vestal Sub-station	
			May 10 ^d	22:32
				45
				23:07

Occurring before midnight May 18/19

PASADENA, LOCAL SHOCKS

No. 6

June, 1935

Date	P.S.T	Lat.	Long.	Q	M	Remarks
1	07:42	33°30'	117°38'	C	2.5	San Jacinto fault, Coahuila Valley (location
	19:38	33 37	118 02	C	2.5	Off Huntington Beach. Felt near there. Uncertain
2	21:26	34 25	119 03	B	3	Vicinity of Santa Paula. Felt: Oxnard, Ventura, Fillmore, Santa Paula (P)
3	09:08	41	124	D	5	Off Eureka
4	00:37	33 50	117 24	B	2	Gavilan district, Riverside County
5	01:36	34 30	119 15	C	2.5	Northwest of Ojai (2 shocks)
6	03:01	33 45	117 48	B	2.5	Near Tustin. Felt at Santa Ana (P) (CGS)
	04:02	34 00	115 45	C	2.5	Pinto Mountains
	11:33	38	118	D	4	Nevada
7	08:33	33 16	117 01	B	4	Pauma Valley. Felt there. "Severe" at Escondido (P)
	20:31	31 ?	114 ?	D	4	Lower California
9	13:29	34 00	117 47	B	2	Southwest of Pomona, probably shallow
	18:02	35 20	119 50	C	3.5	Carrizo Plain. San Andreas fault (?)
10	03:04	33 45	118 12	C	2	Vicinity of Wilmington. Doubtful
	23:43	33 37	118 02	B	2.5	Off Huntington Beach
11	08:20	35 42	118 22	B	4	South Fork Kern River, near Weldon. Felt Kern River Power House No. 3
	09:32	35 42	118 22	C	3	South Fork Kern River, near Weldon
	10:10	34 43	118 58	B	4	Southeast of Stauffer, Ventura County. Felt at Maricopa
12	12:25	33 50	117 50	C	2	Near Olive
15	00:26	33 34	117 59	B	3	Off Newport Beach. Felt near Huntington Beach
17	03:34	34 30	119 15	C	2	Northwest of Ojai
	20:15	37	122	D	4	Santa Cruz County?
18	00:52	34.6	119.6	C	2	35 km. northeast of Santa Barbara, approx.
	13:21	34 00	116 20	C	2	Little San Bernardino Mountains
	13:52	35 42	118 22	B	2.5	South Fork Kern River
19	01:55	37 15	118 30	C	4.5	Northwest of Tinemaha. Felt: Fresno, Tulare, Porterville, Sanger (P)
	02:07	37 15	118 30	C	4	Northwest of Tinemaha
	03:17	33 43	117 31	B	4	Elsinore fault, northwest of Elsinore. Felt generally over Riverside, Orange, Western San Bernardino, eastern Los Angeles, and northern San Diego Counties
	03:21	33 43	117 31	B	3.5	Aftershock
	03:39	33 43	117 31	B	1.5	"
	04:20	33 43	117 31	B	1.5	"
	04:31	33 43	117 31	B	2.5	"
	04:34	33 43	117 31	B	3	"
	05:21	37 15	118 22	C	3	Northwest of Tinemaha
	06:17	33 43	117 31	B	2	Elsinore fault northwest of Elsinore
	13:55	34 10	117 46	B	1.5	San Dimas Canyon
	23:24	32 27	115 37	C	4	Lower California
20	03:46			D	4	From the north, probably Nevada
	08:06	34 30	119 15	C	2.5	Northwest of Ojai
	11:09	31	115	D	3.5	Lower California
22	04:57	31	115	D	3	" " " " " " Diego (CGS)
	09:25	32 30	117 50	C	3.5	Off the coast, San Diego County. Felt in San
23	10:16	33 43	117 31	B	3.5	Elsinore fault northwest of Elsinore. See 19 ^d 03 ^m 17 ^h
	10:37	33 43	117 31	B	2	Elsinore fault northwest of Elsinore
	13:41	33 43	117 31	B	3	" " " " "
	15:53	34 33	119 41	C	3	Near Santa Barbara
25	09:08	33 43	117 31	B	3	Elsinore fault northwest of Elsinore
26	04:52	33 42	118 04	C	2	Off Bolsa Chica
27	19:19	33 07	116 40	B	3	Vicinity of Julian, San Diego County
28	03:05	33 35	117 00	B	2	Agua Caliente fault, north of Aguanga
	13:16	33 35	117 00	B	2	" " " " "
	18:21	33 35	117 00	C	2.5	" " " " "
	18:24	33 35	117 00	C	2.5	" " " " "
	22:02	33 35	117 00	C	2	" " " " "
29	08:16	33 33	117 13	C	2.5	Elsinore fault near Murrieta. Doubtful
30	15:28	36 ?	121 ?	D	4	Monterey County?

July, 1935

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
2	15:48	34°12'	119°10'	C	3	Near Ventura
	18:15	34 12	119 10	C	2	" "
3	00:34	33 43	117 31	B	2.5	Elsinore fault northwest of Elsinore
4	09:33	34 03	117 32	B	2	Vicinity of Cucamonga. Shallow
	15:48	33 42	118 04	C	2	Off Bolsa Chica
6	21:14	35 42	118 22	C	3	South Fork Kern River
	22:41	31 45	116 30	C	3	Lower California
7	15:00	35 11	118 59	C	3	South of Bakersfield
9	07:18	33 54	117 40	B	2	Vicinity of Corona. Shallow
	07:47	33 54	117 40	B	1.5	" " "
	08:21	33 54	117 40	B	2.5	" " "
	08:36	34 20	118 53	C	2	Vicinity of Moorpark, Ventura County
	09:18	33 51	116 35	C	2.5	Vicinity of Palm Springs
13	02:54	34 10	117 52	B	4.5	Foothill fault near Glendora. Somewhat deeper than usual. Felt generally, Santa Barbara to San Bernardino, etc.
	16:05	34 10	117 52	C	2.5	Aftershock
14	13:01	34 10	117 52	C	2.5	" (P)
	22:29	33 32	117 09	B	3.5	Elsinore fault near Murrieta. Felt at Elsinore
15	02:02	33 30	116 55	B	3	Agua Caliente fault north of Aguanga
17	14:04	34 10	117 52	B	2	Near Glendora
20	16:46	31 40	115 05	D	4	Near the head of the Gulf of California
	20:41	33 36	118 00	C	2.5	Off Newport Beach. Felt near Huntington Beach
	20:42	33 36	118 00	C	2	" " " " " " " "
	21:52	33 36	118 00	C	2	" " " " " " " "
21	05:35	33 33	117 50	C	2	Off Laguna Beach? Doubtful
	10:50	34 00	116 20	B	3	Little San Bernardino Mountains
	14:08	33 37	118 02	C	3	Off Huntington Beach. Felt near there, Tustin, Santa Ana (CGS)
	14:16	33 35	118 00	B	2.5	Off Newport Beach. Felt near Huntington Beach
22	00:40	33 50	117 24	B	2.5	The Gavilan district, Riverside County
23	08:38	34 01	118 35	B	2.5	Santa Monica Bay
	11:11	32 55	115 28	C	4	Southeast of Brawley. Felt at Brawley, El Centro (CGS)
24	06:45	34 48	117 05	C	2	Southwest of Barstow
	20:15	35 48	120 20	C	3	Near Parkfield, San Luis Obispo County
26	18:45	37 10	118 19	B	3.5	Near Tinemaha
27	11:44	33 50	117 50	C	2	Near Olive. Doubtful
	22:00	35 42	121 07	B	4	Near San Simeon. Felt there
29	06:35	33 57	117 39	B	1.5	North of Chino
	13:35	34 02	117 19	C	2	Near Riverside

PASADENA, LOCAL SHOCKS

August, 1935

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
3	17:22	34°10'	117°52'	C	2	Northwest of Glendora
6	11:05	34 37	119 37	C	3	Near Santa Barbara. Felt there (CGS)
7	04:30	33 46	119 07	C	2.5	Santa Barbara Channel
	14:30	34 33	120 47	C	3.5	Off Pt. Arguella
	19:30	34 02	117 48	B	3	Near Spadra. Reported felt at Ontario (CGS)
8	07:47	33 52	117 03	B	3	San Jacinto fault west of Beaumont
9	01:24	33 35	119 10	C	3	Northwest of Santa Barbara Island
	09:13	36 10	120 59	C	3.5	San Andreas fault zone, Monterey County
10	05:18	33 30	116 56	B	2.5	Agua Caliente fault north of Aguanga
	13:59	33 14	116 28	C	2.5	Agua Caliente fault near Verruga
	13:59	33 14	116 28	C	3	" " " " "
13	10:07	33 34	117 59	C	2	Off Newport Beach
14	08:43	33 15	117 05	C	2.5	Approx. 18 km. north of Escondido
	19:42	33 15	117 05	C	2	" " " "
15	02:00	33 47	118 08	C	2	Near Long Beach
18	19:22	33 15	117 05	C	2.5	Approx, 18 km. north of Escondido. Felt there
19	22:59	33 30	116 56	C	2.5	Agua Caliente fault north of Aguanga
20	15:12	34 15	119 24	C	2.5	Off the coast west of Ventura. Uncertain
22	08:24	33 45	116 25	B	3	Southeast of Palm Springs
23	00:36	33 52	117 03	B	3	San Jacinto fault, near Eden Hot Springs
24	01:35	25?	110?	D	5	Probably in the Gulf of California
	02:04	25?	110?	D	4.5	Aftershock
	03:09	25?	110?	D	4	"
	08:22	33 15	117 05	C	2.5	Approx. 18 km. north of Escondido
25	03:14	33 14	116 28	B	3	Agua Caliente fault near Verruga
27	12:30	34 06	117 41	C	1.5	Vicinity of Chino
31	01:20	32	116	D	3	Lower California
	01:28	34.5	119.7	C	2.5	Small shock near Santa Barbara
	07:33	33 26	116 26	C	2.5	San Jacinto fault northwest of Clark Lake

PASADENA, LOCAL SHOCKS

No. 9

September, 1935

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	05:44	34°06'	117°30'	C	2.5	Vicinity of Etiwanda
	19:44	33 30	116 55	C	3	Agua Caliente fault north of Aguanga
2	22:47	34 02	117 19	B	4.5	San Jacinto fault near Riverside and San Bernardino. Minor damage near epicenter (P). Felt to distances of about 80 km (P.CGS)
4	06:06	33 09	116 35	C	3.5	San Jacinto fault vicinity of Verruga
	06:07	33 09	116 35	C	3	" " " " "
	06:08	33 09	116 35	C	3.5	Same as preceding. Two shocks
	06:10	33 09	116 35	C	3.5	" " "
	07:25	33 09	116 35	C	3	" " "
	10:27	33 09	116 35	C	3	" " "
6	18:28	33 09	116 35	C	2.5	" " "
7	20:25	33 50	117 24	B	2	The Gavilan district, Riverside County
8	06:35	33 53	118 09	C	1.5	Norwalk fault vicinity of Norwalk
	06:40	32 54	115 13	C	4.5	San Andreas fault zone vicinity of Holtville
	09:03	32 54	115 13	C	5	Felt, El Centro (P, CGS)
	10:51	32 54	115 13	C	3	Same as preceding. Felt at El Centro (P,CGS)
	11:21	32 54	115 13	C	3	" " "
	14:09	32 54	115 13	C	3	" " "
	14:37	32 54	115 13	C	3	" " "
9	04:37	32 54	115 13	C	3	" " "
	08:38	32 54	115 13	C	3	" " "
10	00:08	32 54	115 13	C	3	" " "
	00:48	33 14	116 28	C	2.5	Agua Caliente fault near Verruga
	01:21	32 54	115 13	C	3	Aftershock of 8 ^d 6 ^h 40 ^m
	04:32	32 54	115 13	C	3	" "
	05:53	32 54	115 13	C	3	" "
	06:49	32 54	115 13	C	3	" "
	13:27	35 05	119 10	C	3	Vicinity Buena Vista Lake
11	03:42	32 54	115 13	C	2.5	See 8 ^d 6 ^h 40 ^m
	06:08	32 54	115 13	C	3.5	" "
	13:21	32 54	115 13	C	3	" " Felt, El Centro (CGS)
	22:58	32 54	115 13	C	3	" "
13	04:01	33 10	116 25	C	2.5	Agua Caliente fault near Verruga
	16:26	34 00	117 27	B	2.5	Near Riverside
15	11:32	33 50	117 30	B	2	Elsinore fault zone, east of Corona
	12:51	33 42	118 04	B	3	Off Bolsa Chica. Felt: Long Beach, Huntington Beach (P)
16	04:28	33 45	117 55	B	3.5	Near Santa Ana. Felt: Santa Ana, Huntington Beach, Orange, Brea, Anaheim, Fullerton, Yorba Linda (P)
	04:44	33 45	117 55	C	2	Same as preceding
	21:13	33 55	117 31	B	3	Near Corona
17	05:53	33 37	118 02	C	2	Off Newport Beach. Felt near Huntington Beach
19	17:29	33 50	117 22	B	2	Vicinity of The Gavilan, Riverside County
	19:18	33 10	116 25	C	2.5	Agua Caliente fault near Verruga
20	01:14	35 10	118 10	C	2	Garlock fault near Cameron, Kern County
22	15:34	35 15	119 09	C	3	East shore Buena Vista Lake, Kern County
24	23:13	33 46	118 06	B	2.5	Near Long Beach
25	05:01	33 50	117 24	C	2	The Gavilan, Riverside County. Uncertain
	22:09	34 12	116 21	C	2.5	Mojave Desert (doubtful)
26	07:13	34 45	116 28	C	2.5	Mojave Desert between Ludlow and Newberry
27	02:51	34 00	115 45	C	2.5	Pinto Mountains, Riverside County
	07:33	32 54	115 13	C	3	Same as 8 ^d 6 ^h 40 ^m
	10:42	33 05	116 10	C	3	Agua Caliente fault zone, Vallecito Mountains
28	06:22	33 57	117 33	C	2	Near Riverside
30	03:09	32 ?	115 ?	D	3	Lower California

PASADENA, LOCAL SHOCKS

No.10

October, 1935

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	02:53	33°50'	117°23'	C	2	The Gavilan district, Riverside County
	16:12	33 07	116 28	C	3	Agua Caliente fault vicinity of Verruga
	18:50	32 54	115 13	C	3	Imperial Valley. Uncertain
3	10:59	32	114	D	4	Gulf of California
	19:09	34 30	117 40	C	2	Victor Valley
5	20:34	34 14	117 00	C	3	San Bernardino Mountains
6	20:51	33 05	116 10	B	3	San Jacinto fault west of Salton Sea
7	03:45	32 55	116 25	C	3	Elsinore fault zone, Vallecito Mountains
	03:49	32 55	116 25	C	2.5	Same as preceding
	10:56	34 30	117 35	C	1.5	Victor Valley
	19:30	33 09	116 35	C	2.5	San Jacinto fault, vicinity of Verruga
11	00:54	32 54	115 13	C	3.5	San Andreas fault zone near Holtville
	06:06	32 54	115 13	C	5	Same as preceding
	11:03	32 54	115 13	C	3.5	Same as preceding
	22:03	32 56	116 15	C	3.5	Agua Caliente fault. Felt: Mt. Laguna, Campo (CGS)
14	01:36	34 11	117 20	B	3	San Andreas fault northwest of Arrowhead. Felt: San Bernardino, Hemet, San Jacinto Valley. (P)
	07:50	33 10	116 25	B	4	Agua Caliente fault near Verruga. Felt: Julian (CGS)
18	01:23	35.8	120.6	D	3.5	Probably Monterey County
	02:47	35 48	118 31	C	3	Sierra Nevada, northwest of Kernville. Felt: Bakersfield
	05:50	33 08	116 05	C	3	San Jacinto fault west of Salton Sea
	18:58	33 37	118 02	C	2	Off Huntington Beach
20	15:42	33 40	117 54	B	2.5	Near Costa Mesa, Orange County
22	07:00	34 06	116 53	B	3.5	Mill Creek fault, San Bernardino Mountains
	10:37	35 56	120 29	C	4	Near Parkfield, Monterey County
24	06:48	34 06	116 53	B	5	Millcreek fault. Felt to distance of 150km. approx. See note at end of report
	09:27	34 05	117 25	C	3	Vicinity of Rialto
	13:11	33 30	116 55	C	2	Agua Caliente fault, north of Aguanga
25	12:56	36	121	D	4	Felt: Santa Cruz, Gilroy, San Jose.
26	12:36	34 05	117 25	C	2.5	Vicinity of Rialto, San Bernardino County
27	08:09	35 00	118 53	C	2.5	Vicinity of Wheeler Ridge, Kern County
	19:20	33 47	118 08	C	2.5	Near Long Beach. Felt at Long Beach (P)
29	02:17	32 10	117 40	C	4.5	Off coast of Lower California. Felt: San Diego, Escondido (P)
31	21:01	33 02	116 30	C	3	Elsinore fault vicinity of Cuyamaca, San Diego County

Additional shocks from 34°06' 116°53', Mill Creek fault:

Date	P.S.T.	M	Date	P.S.T.	M	Small aftershocks noted on Riverside records:
24	06:51	4.5	24	08:16	3	
	06:52	4.5		08:35	2.5	
	06:57	3		10:24	2.5	
	07:06	3		11:11	2.5	
	07:15	3.5		16:22	3	
	07:26	3		23:50	3	
	07:27	4	25	00:17	2.5	
	07:30	2		08:53	3	
	07:43	2.5	26	01:14	2	
	07:52	2.5	31	01:20	2.5	
	08:02	2.5				

Date	Number of shocks
24	81
25	11
26	3
28	1
30	2

PASADENA, LOCAL SHOCKS

No. 11

November, 1935

Date	P.S.T.	Lat.	Long.	Q	M	Remarks.
2	17:34	33°33'	116°28'	B	3.5	San Jacinto fault, Coahuila Valley.
	18:12	33 30	116 38	B	2.5	San Jacinto fault, Coahuila Valley.
3	19:55	33 30	116 55	B	4.5	Agua Caliente fault, vicinity of Aguanga. Felt: San Diego, San Bernardino, Los Angeles etc. (P, CGS)
	See note at end of report					
7	09:35	34 10	117 52	C	2	Foothill fault near Glendora.
	21:54	34 06	116 48	B	3	Mill Creek fault, San Bernardino Mountains.
11	22:49	33 45	118 22	C	2	San Pedro Hills.
	23:52	34 06	116 48	B	3.5	San Bernardino Mountains.
12	16:33	34 15	117 45	B	2	San Antonio Canyon.
15	09:17	34 06	116 48	C	2.5	San Bernardino Mountains.
	18:59	33 50	117 40	C	3	Santa Ana Canyon, west of Corona.
16	00:46	33 29	118 18	B	3	San Pedro Channel.
17	04:48	33 33	118 21	B	2	San Pedro Channel.
18	15:50	33 46	118 00	B	2	Near Westminster.
20	13:59	34 09	118 09	C	2	Raymond fault, southeast of Pasadena?
23	07:58	35 00	119 17	C	2.5	Vicinity of Maricopa.
	16:12	33 40	117 50	B	3	Near Santa Ana. Felt Anaheim, Santa Ana (P)
24	07:47	33 47	118 08	B	2	Near Long Beach.
26	13:01	37 25	118 50	C	3.5	Sierra Nevada west of Bishop.
27	01:28	33 39	117 04	B	3.5	Felt throughout San Jacinto Valley. (P)
	06:13	33 39	117 04	B	3	Felt throughout San Jacinto Valley. (P)

Additional shocks from 33°30' 116°55', Agua Caliente fault:

Date	P.S.T.	M	Date	P.S.T.	M	Small aftershocks noted on Riverside records:
3	21:13	2.5	12	03:45	3	
	21:47	3		05:46	3	
	22:57	3	13	05:25	2.5	
	23:14	3	14	22:36	2.5	
4	01:11	3	19	14:05	3	
	09:16	2	20	06:37	2.5	
5	18:42	2.5		06:40	2	
	22:07	2.5		08:16	3	
6	18:13	2.5	22	18:28	2.5	
8	02:02	3	23	13:00	2	
9	16:21	3	24	15:52	3	
11	07:44	3	26	04:00	3	
	13:00	2.5				

Date	Number of shocks
3	28
4	14
5	5
6	2
7	2
8	1
9	1

December, 1935.

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	11:02	34°05'	117°30'	B	3	Vicinity of Rialto, Riverside County
	15:53	34:04	117 34	B	3	Near Cucamonga
	19:19	33 09	116 35	C	4	San Jacinto fault, vicinity of Verruga
4	23:53	34 01	117 16	B	2	Near Riverside
5	04:02	32 05	116 40	C	3.5	Lower California
7	17:12	34 10	116 38	C	2.5	Little San Bernardino Mountains
11	12:10	34 14	117 51	B	2	Near Glendora
	20:08	33 30	116 55	B	2.5	Agua Caliente fault, vicinity of Aguanga
14	15:48	33 46	118 07	B	2	Near Long Beach
15	11:51	34 06	117 41	C	3	Vicinity of Chino. Felt at Upland
	20:39	34 00	116 20	C	3	Little San Bernardino Mountains
17	14:09	34 00	116 20	C	2.5	Little San Bernardino Mountains
18	03:44	33 46	118 07	B	2	Near Long Beach
	04:16	33 46	118 07	B	2	Near Long Beach
	04:59	33 46	118 07	B	2	Near Long Beach
19	02:56	34 05	116 28	C	2.5	Little San Bernardino Mountains
	09:08	33 46	118 07	B	3	Near Long Beach
	09:13	33 46	118 07	B	2	Near Long Beach
	12:19	33 21	117 53	B	2.5	San Pedro Channel
25	23:45	33 10	115 30	C	5	Imperial Valley. Felt: San Diego, Imperial, etc. See note at end of report
	09:15	33 36	118 01	B	4.5	Off Newport Beach. Felt: Catalina Island, Los Angeles, Santa Ana, etc. Slight damage at Huntington Beach
27	16:04	33 36	118 01	C	2	Off Newport Beach
	01:46	33 54	117 41	C	2	Santa Ana Canyon
28	13:35	33 17	118 10	C	2	San Pedro Channel
29	04:51	33 38	116 50	B	2.5	San Jacinto fault, vicinity of Hemet
21	07:26	33 15	116 20	C	2.5	San Jacinto fault west of Salton Sea
	20:50	35 15	117 56	C	2.5	Garlock fault near Redrock Canyon
	21:47	33 45	118 23	B	2	San Pedro Hills
	22:54	34 33	120 47	C	3	Off Point Arguello

Additional shocks from epicenter at 33°10' 115°30':

Date	P.S.T.	M	Date	P.S.T.	M	
19	16:17	3	20	14:26	3.5	
	16:23	3.5		22	01:10	3
	16:48	3		23	04:07	3.5
	23:21	3		24	23:23	3
	23:26	3		26	05:01	3
20	00:05	3.5		05:03	2.5	
	00:30	3.5	29	05:16	3.5	
	02:25	3.5		30	09:44	3.5
	03:19	3.5			18:12	3.5
		02:28	3.5	31	22:45	3.5

In addition to shocks listed above, approximately 50 small aftershocks were recorded on Riverside records.

PASADENA, LOCAL SHOCKS

No. 1

January 1936

Date	P.S.T.	Lat.	Long.	C	M	Remarks
1	00:59	33°30'	116°55'	C	2	Agua Caliente fault vicinity of Aguanga
	07:07	33 20	115 30	C	3	Near Niland, Imperial County
	07:12	33 20	115 30	C	3	Near Niland, Imperial County
	07:57	33 37	118 02	B	3	Off Huntington Beach. Felt: Long Beach, Seal Beach, Huntington Beach (CGS)
	09:39	33 20	115 30	C	3	Near Niland, Imperial County
	19:54	33 20	115 30	C	4	Near Niland, Imperial County
	20:05	33 20	115 30	C	3	Near Niland, Imperial County
	20:35	33 20	115 30	C	3	Near Niland, Imperial County
	21:29	33 20	115 30	C	3	Near Niland, Imperial County
2	14:36	32 05	116 40	C	3.5	Lower California
	19:53	33 30	116 55	C	2.5	Agua Caliente fault vicinity of Aguanga
3	06:07	32 25	115 35	C	4	Lower California
4	00:52	34 30	118 50	B	3	North of Piru, Ventura County
6	22:36	34 06	117 24	B	3	Near Rialto, Riverside County
8	15:29	33 35	116 41	C	2.5	San Jacinto fault, Coahuila Valley
9	10:03	33 07	116 22	C	3	Agua Caliente fault, near Verruga
10	10:35	34 10	117 52	B	2.5	Foothill fault near Glendora
	14:14	33 55	116 41	C	2.5	San Jacinto fault, Coahuila Valley
	22:49	38	118	D	4	Nevada?
11	18:23	33 30	116 55	B	2.5	Agua Caliente fault, vicinity of Aguanga
13	21:30	38	117	D	4	NEVADA?
15	07:32	30	113	D	4.5	Gulf of California?
19	04:22	34 01	116 30	C	2.5	Little San Bernardino Mountains
20	14:05	35 15	117 50	C	3	Garlock fault, vicinity of Redrock Canyon
21	05:42	33 43	118 05	B	2.5	Off Bolsa Chica
23	12:59	33 47	118 08	C	2	Near Long Beach
24	09:49	33 15	116 15	C	3	San Jacinto fault near Clark Lake
	17:35	33 48	118 01	B	2	Near Stanton, Orange County
26	06:13	33 33	116 28	C	3	San Jacinto fault, Coahuila Valley
	07:45	33 56	117 45	B	2	Elsinore fault south of Pomona
	16:28	33 20	116 20	C	3	San Jacinto fault, near Clark Lake
	17:25	33 50	117 24	C	2	The Gavilan, Riverside County
28	04:00	33 46	118 06	B	2	Near Long Beach
	04:01	33 46	118 06	B	2	Near Long Beach
29	00:53	33 20	116 20	C	2.5	San Jacinto fault near Clark Lake
20	06:06	33 20	116 20	C	3	San Jacinto fault near Clark Lake
	09:14	33 20	116 20	C	3	San Jacinto fault near Clark Lake
	10:32	38	118	D	4.5	Nevada?
31	01:09	33 30	116 29	C	3	San Jacinto fault, Coahuila Valley
	21:01	33 30	116 55	C	3	Agua Caliente fault near Aguanga

PASADENA, LOCAL SHOCKS

No. 2

February, 1936

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	12:12	33°35'	118°25'	C	2	San Pedro Channel
3	01:12	34 45	119 45	C	2.5	North of Santa Barbara
	10:10	33 55	116 40	C	3.5	San Andreas fault near Whitewater, Riverside County.
	13:36	33 37	117 27	B	3	Near Lake Elsinore
	22:23	34 17	117 18	B	2.5	San Bernardino Mountains
5	09:56	34 07	118 45	C	2	Near Cornell, Los Angeles County
	13:09	33 30	116 55	C	3	Agua Caliente fault near Aguanga
	22:57	33 18	117 01	B	2.5	Elsinore fault near Pala, San Diego County
6	00:13	33 30	116 38	B	3	San Jacinto fault, Coahuila Valley
	10:56	33 08	116 05	C	3.5	San Jacinto fault west of Salton Sea
	13:58	34 05	117 30	C	2.5	Near Etiwanda
7	10:32	33 57	118 38	C	2	Santa Monica Bay
9	17:14	33	116	D	3	Probably San Jacinto fault west of Salton Sea
10	01:46	33 30	116 55	B	3	Agua Caliente fault near Aguanga
	05:18	33 47	118 08	B	2	Near Long Beach
11	04:30	35 23	117 53	C	3	Garlock fault vicinity Redrock Canyon
	06:14	33	116	D	2.5	West of Salton Sea?
	07:54	33 30	116 55	C	2	Agua Caliente fault near Aguanga
	10:47	34 10	117 52	B	2.5	Foothill fault near Glendora
12	05:45	33 47	118 02	B	2	Near Westminster
14	14:05	34 27	118 48	C	3	Near Piru, Ventura County
	19:30	33 30	116 55	C	2.5	Agua Caliente fault near Aguanga
17	15:20	33 46	118 07	B	2.5	Near Long Beach
19	01:01	33 30	116 55	C	2.5	Agua Caliente fault near Aguanga
21	08:33	33 30	117 10	C	2.5	Elsinore fault vicinity of Temecula
	15:06	34 25	119 40	C	3	Northwest of Santa Barbara
	16:18	34 25	119 40	C	3	Northwest of Santa Barbara
	16:21	34 25	119 40	C	2.5	Northwest of Santa Barbara
	16:23	34 25	119 40	C	3	Northwest of Santa Barbara
	20:55	34 25	119 40	C	3	Northwest of Santa Barbara
22	15:18	32.6	116.0	D	3	Probably Elsinore fault. Felt at Imperial (CGS)
	19:02	32.6	116.0	D	3	Same as preceding. Felt at Imperial (CGS)
23	14:20	34 07	117 25	B	4.5	Near Colton. Felt to distances of approx. 100 km.
	20:06	32.6	116.0	D	3	Probably Elsinore fault
26	01:33	34 07	117 25	B	4	Near Colton. Felt: Riverside, Hemet (P, CGS)
	16:40	41?	119?	D	4.5	Nevada
28	07 22	33 57	117 33	B	2	Near Riverside
	11:41	34 07	117 25	B	3	Near Colton
	20:27	33 47	118 08	B	2	Near Long Beach

PASADENA, LOCAL SHOCKS

March, 1936

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	11:25	33°59'	118°18'	B	2	Southwest Los Angeles
	11:27	33 59	118 18	B	3.5	Southwest Los Angeles. Felt to distances of approx. 25 km.
	11:31	33 59	118 18	B	2	Southwest Los Angeles. Two shocks.
	11:42	33 59	118 18	B	3.5	Southwest Los Angeles. Felt to distances of approx. 25 km.
	12:18	33 59	118 18	B	2	Southwest Los Angeles
	12:19	33 59	118 18	B	2	Southwest Los Angeles
	13:10	33 59	118 18	B	2.5	Southwest Los Angeles
2	20:03	33 40	116 30	C	2.5	Coachella Valley
5	19:45	35	120	D	3	Probably near Parkfield, Monterey County
6	20:15	34 07	118 45	C	2.5	Near Cornell, Los Angeles County
7	15:00	33 59	118 18	C	2	Southwest Los Angeles
11	14:38	33 33	118 21	C	3	San Pedro Channel
16	17:55	36 30	120 55	C	4	San Benito County
17	04:27	33 30	116 55	B	3	Agua Caliente fault vicinity of Aguanga. Two shocks
	05:44	34 10	117 52	C	2.5	Vicinity of Glendora
18	01:07	35 56	120 29	C	2.5	Near Parkfield
19	08:39	33 30	116 55	B	3.5	Agua Caliente fault vicinity of Aguanga
21	11:37	33 30	116 55	B	2.5	Agua Caliente fault vicinity of Aguanga
23	18:12	34 10	117 52	C	2	North of Glendora
	20:02	35.3	118.3	D	2.5	Garlock fault
26	14:43	38?	118?	D	4	Nevada
	16:58	34 33	120 47	C	3	Off Pt. Arguello
27	04 12:29	34 03	118 55	C	3	Near Pt. Dume
29	00:33	33 30	116 55	C	2.5	Agua Caliente fault vicinity of Aguanga
	01:26	34 30	119 37	C	2.5	Near Santa Barbara
31	16:38	34 42	118 22	B	3	Sierra Nevada, near Weldon

PASADENA, LOCAL SHOCKS

April, 1936

No. 4

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
3	04:54	34°54'	117°00'	B	3.5	Mojave Desert. Felt at Barstow (CGS)
4	16:00	33 47	118 08	C	2	Near Long Beach
5	11:58	33 33	116 28	C	3	San Jacinto fault, Coahuila Valley
	15:34	33 50	118 09	B	3	Near Long Beach
6	17:32	35 48	118 31	C	3	Sierra Nevada northwest of Kernville
	23:38	32 54	115 13	C	3.5	San Andreas fault? Felt at Calexico (CGS)
7	01:46	32 54	115 13	C	3.5	San Andreas fault?
	01:57	32 54	115 13	C	3.5	San Andreas fault?
	14:14	32 54	115 13	C	4	San Andreas fault? Felt at El Centro (CGS)
	14:53	32 54	115 13	C	4.5	Felt: Holtville, El Centro, Calexico, Heber (CGS)
	15:27	32 54	115 13	C	3.5	Felt: El Centro, Calexico (CGS)
	16:39	32 54	115 13	C	3	San Andreas fault?
8	10:41	32 54	115 13	C	4	Felt: Heber (CGS) and Calexico (P)
9	05:17	33 30	116 55	C	3.5	Agua Caliente fault vicinity of Aguanga
	16:01	34 10	117 52	B	2.5	Near Glendora
11	14:17	34 10	117 52	B	2	Near Glendora
	15:38	33 42	117 17	B	2.5	Elsinore fault near Elsinore
	20:26	33 34	117 59	C	2	Off Newport Beach
12	04:24	35 50	118 00	C	2.5	Inyokern Valley
13	10:13	33 15	116 35	B	3.5	Agua Caliente fault near Warners Hot Springs
14	09:38	34 10	117 52	B	2	Near Glendora
	10:50	33 30	118 10	C	2.5	San Pedro Channel
	10:51	33 30	118 10	C	2.5	San Pedro Channel
15	09:43	32 30	117 30	C	3	Pacific Ocean approx. 35 km southwest of San Diego
17	14:24	34 10	117 52	C	2.5	Near Glendora
	18:20	34 07	118 45	C	2	Near Cornell, Los Angeles County
	21:36	32 54	115 13	C	4	Felt: Imperial, El Centro (CGS)
18	07:15	34 10	117 52	B	2	Near Glendora
	11:51	32 54	115 13	C	3	San Andreas fault?
19	08:17	33 46	118 10	B	3	Near Long Beach: Felt: Long Beach, San Pedro (CGS)
	12:19	38	118	D	4	Nevada
	21:22	33 46	118 10	C	2.5	Near Long Beach
20	06:48	33 30	116 55	C	2.5	Agua Caliente fault?
	20:34	36 09	117 57	B	3.5	Near Haiwee
22	06:47	34 02	117 30	B	2.5	Near Mira Loma, Riverside County. Depth approx. 11 km.
23	14:08	34 10	117 52	B	2	Near Glendora
	22:05	34 00	116 20	C	3	Little San Bernardino Mountains
24	11:00	36 09	117 57	B	4	Near Haiwee
	20:58	33 59	118 23	C	2.5	Felt: Santa Monica Bay district, etc., (P, CGS)
25	10:04	36 09	117 57	B	2.5	Near Haiwee
26	08:25	36 09	117 57	B	3.5	Near Haiwee. Felt there (CGS)
27	18:36	32 53	118 15	C	3	Off San Clemente Island
28	08:05	33 00	116 15	C	3	Vallecito Mountains
29	00:50	31 40	115 05	C	5	Near head of Gulf of California
30	03:43	33 00	116 15	C	2.5	Vallecito Mountains

PASADENA, LOCAL SHOCKS

No. 5

May 1936

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
2	22:24	34°28'	118°55'	C	3.5	Vicinity of Piru, Ventura County
3	02:14	34 28	118 55	C	2	Vicinity of Piru, Ventura County
	02:28	34 28	118 55	C	3.5	Vicinity of Piru, Ventura County
	06:17	34 28	118 55	C	3.5	Vicinity of Piru, Ventura County
	06:20	35 42	118 22	C	4	Sierra Nevada near Weldon. Felt at Kernville
	23:15	34 11	118 15	B	2.5	Felt: Glendale, Eagle Rock, Montrose, Pasadena, Los Angeles (P)
6	01:18	33 34	117 59	C	2	Off Newport Beach
	01:45	33 34	117 59	C	2	Off Newport Beach
	02:35	35 42	118 22	C	3	Sierra Nevada near Weldon
	19:46	33 08	116 05	C	3.5	San Jacinto fault
7	03:47	33 08	116 05	C	4.5	Felt: Hemet, Carrizo Gorge, Imperial (CGS)
	06:46	33 08	116 05	C	3	San Jacinto fault
8	12:30	33 37	118 02	C	2	Off Huntington Beach
10	09:40	37 30	118 32	C	5	North of Bishop. Felt: Southern Nevada mountains and San Joaquin Valley (P, CGS)
	11:36	36 55	117 30	C	3.5	Northern end of Death Valley
12	04:06	33 30	116 55	B	3	Agua Caliente fault vicinity of Aguanga
14	20:18	33 45	116 30	C	2	Vicinity of Palm Springs
	20:34	36 30	118 32	C	4	North of Bishop. Felt: Yosemite, Benton (CGS)
16	05:37	34 03	117 17	B	3	Near Rialto. Felt: San Bernardino, Highland (P)
	20:27	34 03	117 17	C	2	Near Rialto
17	07:51	34 07	118 45	C	2	Near Cornell, Los Angeles County
20	09:22	35 56	120 29	C	3	Near Parkfield
21	17:36	34 07	118 45	C	2.5	Near Cornell
22	16:31	33 30	116 55	C	2	Agua Caliente fault near Aguanga
	16:34	33 30	116 55	B	3	Agua Caliente fault near Aguanga
	20:41	36 10	120 55	C	4	Near King City, Felt there
24	15:15	34 07	118 45	C	2.5	Near Cornell
25	20:45	33 00	116 15	C	3	Agua Caliente fault, Vallecito Mountains
26	21:14	33 24	116 22	C	2.5	San Jacinto fault west of Salton Sea
27	11:55	36 30	121 10	C	4.5	San Benito County
30	20:41	34 53	119 08	B	3	San Andreas fault zone near Cuddy Valley
31	18:21	33 37	118 02	B	3	Off Huntington Beach. Felt there

PASADENA, LOCAL SHOCKS

No. 6

June, 1936

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	08:32	33°46'	119°07'	C	3	Santa Barbara Channel
	08:54	34 11	117 20	B	2.5	San Andreas fault northwest of Arrowhead
	22:31	34 13	117 52	B	2	North of Glendora
3	01:16	40	125	D	5.8	Felt in Humboldt County
	08:28	34 07	118 45	B	2	Near Cornell, Los Angeles County
4	02:56	34 13	117 52	B	2	North of Glendora
	21:38	32 50	116 50	C	2.5	Approximately 33 km. northeast of San Diego
6	03:13	34 20	118 50	C	2	Vicinity of Moorpark, Ventura County
	03:24	34 20	118 50	C	2.5	Same as preceding
	15:23	33 30	116 55	C	2	Agua Caliente fault near Aguanga
10	00:30	32	115	D	3.5	Lower California
	13:26	32	115	D	3	Lower California
11	04:04	33 25	118 10	B	3	San Pedro Channel
12	02:27	33 30	116 55	C	2	Agua Caliente fault near Aguanga
	10:21	33 13	116 13	C	2.5	San Jacinto fault west of Salton Sea
13	13:38	34 10	117 52	B	2.5	North of Glendora
14	15:05	33 13	116 13	C	3	San Jacinto fault west of Salton Sea
21	06:19	33 30	116 55	B	3.5	Agua Caliente fault near Aguanga
	19:30	33 30	116 55	C	2	Same as preceding
22	17:42					Peculiar non-seismic disturbance recorded at Pasadena and Mt. Wilson only
23	13:03	33 34	118 46	B	3	San Pedro Channel
24	04:23	35 07	120 05	C	3	San Luis Obispo County; Cuyama River
26	07:40	34 06	116 53	C	2	San Bernardino Mts. Mill Creek fault?
	09:50	32 27	115 37	D	3	Lower California. Agua Caliente fault?
	15:04	32 27	115 37	D	3.5	Same as preceding
30	00:27	34 10	117 52	B	2	North of Glendora
	02:27			E	5	To the north. Tinemaha Δ approx. 525 km.
	04:47			E	5.5	Same as preceding
	15:05	33 30	116 55	C	2.5	Agua Caliente fault near Aguanga
	17:06	33 30	116 55	C	2.5	Same as preceding
	18:33	35 42	118 12	C	2.5	Sierra Nevada near Onyx

PASADENA, LOCAL SHOCKS

No. 7

July, 1936

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	04:01				5	Probably northern California.
	04:04				5	Same as preceding.
	04:57				4.5	Same as preceding.
	17:40	38°	118°	D	4	Nevada.
	18:04	34 10'	117 52'	C	1.5	Near Glendora.
	22:21				4	Probably northern California.
2	08:29	39.2	117.5	D	5	Nevada.
	23:26	33 30	116 55	C	2	Agua Caliente fault near Aguanga.
4	14:07	33.4	117.3	C	2.5	Vicinity of Temecula. Elsinore fault?
	17:52	33.6	118.1	D	2	Off Huntington Beach?
5	08:02	33 57	118 38	C	2	Santa Monica Bay.
	23:13	33.4	117.3	C	2.5	Vicinity of Temecula. Elsinore fault?
6	18:10	34 10	117 52	C	2	Near Glendora.
8	04:50	34 25	119 06	C	2	Vicinity of Ojai, Ventura County.
	04:54	34 25	119 06	C	1.5	Same as preceding.
	06:24	34 25	119 06	C	2	Same as preceding.
10	18:17	33 35	118 22	C	2.5	San Pedro Channel.
	19:47	36 40	118 06	C	4	Owens Valley. Felt: Owenyo, Lone Pine, Sequoia National Park.
11	00:43	36 40	118 06	C	3	Same as preceding.
	00:49	33 30	116 55	C	2	Agua Caliente fault near Aguanga.
	02:00	36 40	118 06	C	3.5	Owens Valley. Felt at Owenyo.
13	10:09	34.5	119.6	D	2.5	Near Santa Barbara.
	22:34	34 10	117 52	B	2	Near Glendora.
14	10:39	33 37	118 02	B	3	Off Huntington Beach. Felt near there.
19	09:25	33 58	117 34	C	2	Near Riverside. Depth approx. 10 km.
	18:04	33 52	116 34	C	2.5	Near Whitewater.
20	07:51	33 34	117 59	B	2.5	Off Newport Beach.
21	01:15	34 10	117 52	B	2	Near Glendora.
	20:03	34.5	119.8	C	2.5	Santa Barbara distant approx. 20 km.
	23:06	33 58	117 34	B	3	Near Riverside.
24	18:13	34 10	117 52	C	2	Near Glendora.
25	01:02	33 34	117 59	B	3	Off Newport Beach. Felt: Huntington Beach, Balboa, Corona del Mar.
	11:39	38	118	D	4	Nevada. Felt at Mina. (P)
27	22:52	33 30	116 55	C	2.5	Agua Caliente fault near Aguanga.
29	06:22	33 30	116 55	C	4	Same as preceding.
	22:34	34 13	117 49	C	2.5	Near forks of San Gabriel River.
30	01:36	34 34	119 38	C	3	Near Santa Barbara.
31	22:28	34 10	117 52	C	2	Near Glendora.

PASADENA, LOCAL SHOCKS
August 1936

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	00:07	33°50'	117°24'	C	3	The Gavilan
4	00:01	35 00	118 53	C	3	Vicinity of Wheeler Ridge, Kern County
8	06:21	32 27	115 37	C	3	Lower California. Agua Caliente fault?
9	04:53	32 27	115 37	C	3	Same as preceding
	23:59	33 43	116 16	C	3	Vicinity of Indian Wells. San Andreas fault?
10	23:17	36 38	117 51	C	3.5	West shore Owens Lake
11	18:05	34 10	117 52	B	2	Near Glendora
12	21:15	32 27	115 37	C	2.5	Lower California
14	15:41	33 57	118 38	B	2	Santa Monica Bay
	22:33	34 10	117 52	B	2	Near Glendora
18	18:06	34 10	117 52	B	2.5	Near Glendora
19	05:18	33 30	116 55	B	3	Agua Caliente fault vicinity of Aguanga
20	13:29	34 10	117 52	B	2	Near Glendora
	21:12	35 00	118 53	C	3	Vicinity of Wheeler Ridge
21	21:21	33 46	117 49	B	4	Felt: Sta. Ana, Anaheim, Santa Fe Springs, Whittier
22	00:05	33 46	117 49	B	2.5	Near El Modeno
	13:41	34 10	117 52	C	2	Near Glendora
23	06:35	34 30	118 35	C	2	North of Saugus
25	06:05	34 30	118 35	C	2.5	North of Saugus
	06:07	34 30	118 35	C	2	North of Saugus
	14:58	34 45	116 28	C	2.5	Mojave Desert between Ludlow and Newberry
26	13:19	34 30	118 35	B	2.5	North of Saugus
	13:20	34 30	118 35	C	2	North of Saugus
	13:53	34 30	118 35	C	2	North of Saugus
	14:17	34 30	118 35	B	3	North of Saugus
	14:51	34 30	118 35	B	3	North of Saugus
27	18:45	34 10	117 52	C	2	Near Glendora
30	00:15	32 56	116 25	C	3.5	Elsinore fault, Vallecito Mountains

PASADENA, LOCAL SHOCKS

No. 9

September, 1936

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
2	14:07	34°10'	117°52'	B	2.5	Near Glendora.
	22:21	33 30	116 55	C	2	Agua Caliente fault near Aguanga.
3	14:57				5	To the south, approx. 600 km. from La Jolla.
5	02:24	33 30	116 55	C	3.5	Agua Caliente fault near Aguanga.
	08:52	35 50	116 30	C	3	Southern Death Valley.
	10:47	34.0	116.0	C	2.5	Pinto Mountains.
	14:24	35 50	116 30	C	2.5	Southern Death Valley.
6	22:01	33 41	117 01	C	2	Near San Jacinto.
7	03:48	36	113	D	4.5	Northwestern Arizona. See list at end of report.
	08:47	34 22	120 23	C	3	Off Pt. Concepcion. Felt at Los Alamos (CGS)
8	04:54	33 34	117 59	C	2	Off Newport Beach.
	05:06	33 34	117 59	C	2	Off Newport Beach.
	05:53	33 34	117 59	C	2	Off Newport Beach.
	05:54	33 34	117 59	C	2	Off Newport Beach.
	05:54	33 34	117 59	C	3.5	Off Newport Beach. Felt: Long Beach, Seal Beach, near Huntington Beach. (CGS)
	07:22	33 34	117 59	C	3	Off Newport Beach.
	10:05	33 34	117 59	C	2	Off Newport Beach.
	11:43	33 34	117 59	C	2.5	Off Newport Beach.
	17:45	34 06	117 41	C	2	Vicinity of Chino.
	18:48	34.0	115.7	C	3	Pinto Mountains. Doubtful.
	20:54	34 22	120 23	C	4	Off Pt. Concepcion.
9	03:02	34 10	117 52	C	2.5	Near Glendora.
	12:46	33 34	117 59	C	2	Off Newport Beach.
	14:27	33 25	117 45	C	2.5	Off Pt. San Juan Capistrano.
10	02:45	32 50	117 30	C	3.5	West of La Jolla.
	02:47	32 50	117 30	C	3	West of La Jolla.
	02:53	34 28	118 13	C	3	Near Acton, Los Angeles County. Felt at Lancaster.
	06:18	32 50	117 30	C	2.5	West of La Jolla.
	13:21	34.4	120.4	D	3	West of Santa Barbara.
11	01:32	33 10	116 10	C	3	San Jacinto fault west of Salton Sea.
12	05:56	34 45	120 20	C	3.5	Near Los Alamos.
	21:09	34 28	118 13	C	3	Near Acton.
	21:11	34 28	118 13	C	2	Near Acton.
13	05:13	34 28	118 13	C	2	Near Acton.
14	12:05	34 28	118 13	C	2.5	Near Acton.
	16:09	34.5	120.5	D	2.5	West of Santa Barbara.
15	23:07	34 10	117 52	B	2.5	Near Glendora.
16	12:16	34 28	118 13	C	2	Near Acton.
17	01:41	34 40	117 05	C	2.5	Southwest of Barstow.
	01:56	33 57	118 38	C	2	Santa Monica Bay.
	18:36	34 10	117 52	B	2	Near Glendora.
18	06:28	32 55	115 25	C	4	East of Brawley. See list at end of report.
	06:40	32 55	115 25	C	4.5	East of Brawley.
	06:52	32 56	115 25	C	4	East of Brawley.
	07:48	32 56	115 25	C	4	East of Brawley.
	08:51	32 56	115 25	C	4	East of Brawley.
19	05:29	33 34	117 17	C	2	Elsinore fault near Wildomar.
	18:38	34 11	119 02	B	3	Near Camarillo, Ventura County.

PASADENA LOCAL GROUP

No. 9

September 1941

Date	P.A.T. Loc.	Loc.	Loc.		
10-11	117-23	117-23	117-23	117-23	117-23
10-10	117-23	117-23	117-23	117-23	117-23
10-9	117-23	117-23	117-23	117-23	117-23
10-8	117-23	117-23	117-23	117-23	117-23
10-7	117-23	117-23	117-23	117-23	117-23
10-6	117-23	117-23	117-23	117-23	117-23
10-5	117-23	117-23	117-23	117-23	117-23
10-4	117-23	117-23	117-23	117-23	117-23
10-3	117-23	117-23	117-23	117-23	117-23
10-2	117-23	117-23	117-23	117-23	117-23
10-1	117-23	117-23	117-23	117-23	117-23
9-30	117-23	117-23	117-23	117-23	117-23
9-29	117-23	117-23	117-23	117-23	117-23
9-28	117-23	117-23	117-23	117-23	117-23
9-27	117-23	117-23	117-23	117-23	117-23
9-26	117-23	117-23	117-23	117-23	117-23
9-25	117-23	117-23	117-23	117-23	117-23
9-24	117-23	117-23	117-23	117-23	117-23
9-23	117-23	117-23	117-23	117-23	117-23
9-22	117-23	117-23	117-23	117-23	117-23
9-21	117-23	117-23	117-23	117-23	117-23
9-20	117-23	117-23	117-23	117-23	117-23
9-19	117-23	117-23	117-23	117-23	117-23
9-18	117-23	117-23	117-23	117-23	117-23
9-17	117-23	117-23	117-23	117-23	117-23
9-16	117-23	117-23	117-23	117-23	117-23
9-15	117-23	117-23	117-23	117-23	117-23
9-14	117-23	117-23	117-23	117-23	117-23
9-13	117-23	117-23	117-23	117-23	117-23
9-12	117-23	117-23	117-23	117-23	117-23
9-11	117-23	117-23	117-23	117-23	117-23
9-10	117-23	117-23	117-23	117-23	117-23
9-9	117-23	117-23	117-23	117-23	117-23
9-8	117-23	117-23	117-23	117-23	117-23
9-7	117-23	117-23	117-23	117-23	117-23
9-6	117-23	117-23	117-23	117-23	117-23
9-5	117-23	117-23	117-23	117-23	117-23
9-4	117-23	117-23	117-23	117-23	117-23
9-3	117-23	117-23	117-23	117-23	117-23
9-2	117-23	117-23	117-23	117-23	117-23
9-1	117-23	117-23	117-23	117-23	117-23

PASADENA, LOCAL SHOCKS

No. 10

September, 1936

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
20	01:54	33°36'	117°42'	B	2	Near El Toro, Orange County.
	02:52	34 01	117 16	C	2	Near Riverside.
	22:21			D	4	Northern Nevada?
	22:22			D	4.5	Northern Nevada?
	22:28			D	3.5	Northern Nevada?
	23:32			D	4.5	Northern Nevada?
21	00:05	35 50	117 55	C	2.5	South of Little Lake, Inyo County.
	22:14	33 55	116 55	B	3	Near Beaumont.
22	02:39			D	5	Northern Nevada?
	03:04	33 20	117 45	C	2	Off Pt. San Juan Capistrano.
	23:41	29	113	D	5	Gulf of California. See list at end of report.
23	09:18			D	4.5	Northern California.
	09:18			D	5	Northern California.
	09:54			D	4	Northern California.
	19:09	37	122	D	4.5	San Francisco Peninsula. Felt: Palo Alto, San Jose, etc. (P)
24	00:56	34 10	117 52	C	2.5	Near Glendora.
	06:12	37	122	D	4	San Francisco Peninsula. Felt at Santa Clara.
25	04:54	43.5	128.2	D	5.5	Off Oregon. Epicenter by U.S.C.G.S.
	18:37	34 10	117 52	B	2.5	Near Glendora.
26	01:10	34 06	117 21	B	1.5	Near Rialto, Riverside County.
	09:07	33 45	118 30	C	2	Off Pt. Vicente.
	10:56	33 45	118 30	C	2	Off Pt. Vicente.
	15:29	33 42	117 10	C	2	South of Perris, Riverside County.
	17:55	35 15	118 50	B	3.5	Near Arvin, Kern County. Felt: Bakersfield and vicinity. (P, CGS)
27	15:06	33 42	118 04	C	2	Off Bolsa Chica.
28	19:22	36 40	117 25	C	3	Northern Panamint Mountains.
29	18:34	34 10	117 52	B	1.5	Near Glendora.
	20:51	33 55	116 35	B	3	East of Whitewater.
30	00:55	33 40	118 20	C	2	San Pedro Channel.
	18:55	34 10	117 52	B	2	Near Glendora.

Addendum

Aug.

29 16:03 34 23 116 31 C 2.5 N. E. San Bernardino Mts.

Corrections:

Apr 9 05:17 should read 33°56' 116°45' C 3 San Andreas fault near Cabezon.

May 14 20:34 should read 37°30' 118°32'

May 22 16:34 should read 33°56' 116°45' B 3 San Andreas fault near Cabezon.

F.L.D. LOCAL CHECKS

September, 1933

No. 10

No.	Payee	Check No.	Amount	Total
30	W. H. ...	117 18	34 01	33 08
	...			
	...			
	...			
31	...	117 28	38 80	33 84
	...			
	...			
32	...	117 38	33 80	33 81
	...			
	...			
	...			
33	...	122	37 00	33 81
	...			
	...			
	...			
34	...	117 38	34 10	33 81
	...			
	...			
	...			
35	...	117 38	34 10	33 81
	...			
	...			
	...			
36	...	117 38	34 10	33 81
	...			
	...			
	...			
37	...	118 00	35 42	33 81
	...			
	...			
	...			
38	...	117 38	33 80	33 81
	...			
	...			
	...			
39	...	117 38	34 10	33 81
	...			
	...			
	...			
40	...	118 00	35 42	33 81
	...			
	...			
	...			

Total

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...

PASADENA, Local Shocks

No. 12

October, 1936

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	14:18	33.0	116.3	D	2.5	Agua Caliente fault?
2	07:53	37 15	116 40	C	3	Sierra, northwest of Tinemaha.
	11:54	34 18	116 00	C	3.5	San Gabriel Mts. Depth about 35 kms.
	11:58	33 30	116 55	C	2.5	Agua Caliente fault near Aguanga.
	12:40	34 18	118 08	C	2.5	San Gabriel Mts.
3	12:10	33 15	118 15	B	2.5	Southeast of Catalina Island.
	13:18	34 18	118 08	C	2	San Gabriel Mts.
4	01:31	35.8	118.0	D	2.5	Near Freeman, Kern County?
	11:21	34 18	118 08	C	2.5	San Gabriel Mts.
5	14:50	34 58	118 51	C	3.5	Near Wheeler Ridge, Kern County.
6	03:01	32.5	116.0	D	2.5	West of Imperial Valley.
	03:03	32.5	116.0	D	2.5	West of Imperial Valley.
	04:31	37 15	118 40	C	3	Sierra, northwest of Tinemaha.
	04:33	37 15	118 40	C	4	Sierra, northwest of Tinemaha.
	04:46	37 15	118 40	C	3	Sierra, northwest of Tinemaha.
	04:53	37 15	118 40	C	3	Sierra, northwest of Tinemaha.
	08:13	33 43	118 05	C	3	Off Bolsa Chica.
	12:30	33 43	118 05	C	2	Off Bolsa Chica.
	19:01	37 15	118 40	C	4	Sierra, northwest of Tinemaha.
7	07:01	38 ?	118 ?	D	4	About 150 km. northerly from Tinemaha.
	07:07	33 55	116 55	C	2.5	Near Beaumont.
	10:01	33 56	117 36	B	2	Southeast of Chino.
8	03:24	29	113	D	4	Gulf of California.
	03:29	29	113	D	4.5	Gulf of California.
	04:07	29	113	D	4.5	Gulf of California.
	05:42	29	113	D	4.5	Gulf of California.
	09:59	29	113	D	4	Gulf of California.
	12:18	34 00	118 32	C	3	Off Santa Monica.
	14:54	33 56	117 36	B	2	Southeast of Chino.
	16:57	34 28	118 05	C	2.5	Near Acton.
	23:29	29	113	D	4	Gulf of California.
9	17:25	41 ?	125 ?	D	5	Off northern California.
	22:17	35 15	118 50	C	3	Near Arvin, Kern County.
10	10:49	37 52	118 30	C	4	Northwest of Bishop.
	11:07	37 52	118 30	C	3.5	Northwest of Bishop.
	12:10	37 52	118 30	C	3	Northwest of Bishop.
12	05:56	32.6	116.0	D	4	West of Calexico.
	06:09	32.6	116.0	D	3	West of Calexico.
	09:07	32.6	116.0	D	4	West of Calexico.
	10:13	32.6	116.0	D	3	West of Calexico.
	10:41	32.6	116.0	D	3.5	West of Calexico.
	14:43	32.6	116.0	D	3	West of Calexico.
13	04:28	39	119	D	4	Western Nevada?
	12:39	35.6	116.4	D	3	South of Death Valley.
	22:30	33 37	116 14	B	3.5	South of Indio.
14	02:56	32 52	116 00	C	3	Agua Caliente fault n.w.of Coyote Wells.
	09:38	33 37	116 14	C	3	South of Indio.
15	14:56	33 30	116 55	C	2.5	Agua Caliente fault vicinity of Aguanga.
16	07:30	34 50	120 35	C	4	Near Casmalia, Santa Barbara County.
	07:36	34 50	120 35	C	3	Near Casmalia, Santa Barbara County.
	16:20	35.4	117.5	D	2.5	Southwest of Victorville.
	17:17	34 50	120 35	C	3	Near Casmalia.

PASADENA, Local Shocks

No. 13

October, 1936

Date	P.S.T.	Lat.	Long.	C	M	Remarks
18	18:32	34 00	116 05	C	2.5	Little San Bernardino Mts.
	19:02	34 43	116 21	C	2.5	Near Ludlow.
	19:06	34 00	116 05	C	3	Little San Bernardino Mts.
	19:09	34 00	116 05	C	3	Little San Bernardino Mts.
	20:09	37 10	118 50	C	3	Sierra, west of Tinemaha.
19	06:01	34 50	120 35	C	3	Near Casmalia.
20	16:40	34 15	117 13	C	3.5	Vicinity of Lake Arrowhead, San Bernardino Mts.
21	07:04	38 ?	118 ?	D	4	Nevada?
	15:17	37 15	118 40	C	3.5	Sierra, west of Tinemaha.
22	14:02	34.0	117.4	D	2.5	Near Riverside.
	23:30	33 30	116 55	C	2	Agua Caliente fault vicinity of Aguanga.
23	05:58	34.4	118.2	D	2.5	Vicinity of Acton.
	18:56	33.9	117.2	D	3.5	Near Riverside. Felt: Riverside, Colton, San Bernardino.
24	05:57	32 ?	115 ?	D	3	South of Imperial Valley.
25	13:51	33 55	118 20	C	2	Inglewood fault. Felt: Southwest Los Angeles.
26	04:34	38	118	D	4	Nevada.
29	14:35	33 43	118 42	C	4	San Pedro Channel. Felt in Los Angeles and to the south and west.
	15:09	33 43	118 42	C	2.5	San Pedro Channel.
30	03:02	33 00	116 15	C	2.5	Agua Caliente fault.
	04:04	33 00	116 15	D	2.5	Agua Caliente fault.
31	06:13	33 59	118 18	C	2	Southwest Los Angeles.

Numerous shocks in recent months, assigned magnitudes 2.5 and less, and referred to an epicenter 34°10' N., 117°52' W., on the Foothill fault near Glendora, now prove to be due to blasting at Dam No. 1 of the Los Angeles County Flood Control District, in San Gabriel Canyon. Such shocks are now omitted from the report.

PASADENA, LOCAL SHOCKS

No. 14

November, 1936

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	07:10	34°33'	120°47'	B	4	Off Pt. Arguello.
	08:14	33 34	117 59	C	2	Off Newport Beach.
	10:04	33 30	116 55	C	2	Agua Caliente fault near Aguanga.
	17:29	34 33	120 47	C	3	Off Pt. Arguello.
5	11:22	33 30	116 55	C	2	Agua Caliente fault near Aguanga.
7	05:11	37 53	118 30	C	3.5	Near Benton, Mono County.
8	08:51	34 33	120 47	C	3	Off Pt. Arguello.
	14:43	34 33	120 47	C	3	Off Pt. Arguello.
10	01:58	37.1	118.9	D	2.5	West of Tinemaha.
12	00:20	33.3	116.3	D	2.5	Vicinity of Clark Lake?
15	11:05	33 52	117 38	B	2	Near Prado.
16	21:57	33 50	117 30	C	2.5	Near Riverside.
17	03:25	33.6	118.0	D	1.5	Felt near Huntington Beach.
	12:38	33 59	118 23	C	2.5	Southwest of Los Angeles.
18	10:02	34 42	120 15	C	4.5	Northwest of Santa Barbara.
						Felt: Santa Maria, etc (P)
20	04:39	35 44	117 55	C	3	Northwest of Inyokern.
21	18:16	34 35	120 47	C	3.5	Off Pt. Arguello.
22	16:54	33 57	117 33	B	2	Near Riverside.
24	16:36	34 05	116 25	C	3	Little San Bernardino Mountains.
25	11:19	36 09	117 57	B	2.5	Near Haiwee.
	13:51	34 35	120 47	C	3	Off Pt. Arguello.
28	21:54	34 49	119 00	B	4	San Andreas fault(?) Northeast of Stauffer, Ventura County.
	23:24	33 30	116 55	C	2	Agua Caliente fault vicinity of Aguanga.
29	07:11	33 30	116 55	C	2	Agua Caliente fault vicinity of Aguanga.
	22 31	34 00	118 08	C	2	Vicinity of Monterey Park.
30	03:13	29	113	D	4	Gulf of California.
	11:51	32 56	116 15	C	3	Vallecito Mountains. Doubtful.
	20:36	34 55	119 20	C	3	San Andreas fault near Pattiway.

PASADENA LOCAL SHOWS

No. 14

Date	P.S.T.	Time	Place	Time	Place
1	07:10	11:30	07:10	11:30	07:10
2	08:11	11:30	08:11	11:30	08:11
3	09:12	11:30	09:12	11:30	09:12
4	10:13	11:30	10:13	11:30	10:13
5	11:14	11:30	11:14	11:30	11:14
6	12:15	11:30	12:15	11:30	12:15
7	13:16	11:30	13:16	11:30	13:16
8	14:17	11:30	14:17	11:30	14:17
9	15:18	11:30	15:18	11:30	15:18
10	16:19	11:30	16:19	11:30	16:19
11	17:20	11:30	17:20	11:30	17:20
12	18:21	11:30	18:21	11:30	18:21
13	19:22	11:30	19:22	11:30	19:22
14	20:23	11:30	20:23	11:30	20:23
15	21:24	11:30	21:24	11:30	21:24
16	22:25	11:30	22:25	11:30	22:25
17	23:26	11:30	23:26	11:30	23:26
18	24:27	11:30	24:27	11:30	24:27
19	25:28	11:30	25:28	11:30	25:28
20	26:29	11:30	26:29	11:30	26:29
21	27:30	11:30	27:30	11:30	27:30
22	28:31	11:30	28:31	11:30	28:31
23	29:32	11:30	29:32	11:30	29:32
24	30:33	11:30	30:33	11:30	30:33
25	31:34	11:30	31:34	11:30	31:34
26	32:35	11:30	32:35	11:30	32:35
27	33:36	11:30	33:36	11:30	33:36
28	34:37	11:30	34:37	11:30	34:37
29	35:38	11:30	35:38	11:30	35:38
30	36:39	11:30	36:39	11:30	36:39
31	37:40	11:30	37:40	11:30	37:40
32	38:41	11:30	38:41	11:30	38:41
33	39:42	11:30	39:42	11:30	39:42
34	40:43	11:30	40:43	11:30	40:43
35	41:44	11:30	41:44	11:30	41:44
36	42:45	11:30	42:45	11:30	42:45
37	43:46	11:30	43:46	11:30	43:46
38	44:47	11:30	44:47	11:30	44:47
39	45:48	11:30	45:48	11:30	45:48
40	46:49	11:30	46:49	11:30	46:49
41	47:50	11:30	47:50	11:30	47:50
42	48:51	11:30	48:51	11:30	48:51
43	49:52	11:30	49:52	11:30	49:52
44	50:53	11:30	50:53	11:30	50:53
45	51:54	11:30	51:54	11:30	51:54
46	52:55	11:30	52:55	11:30	52:55
47	53:56	11:30	53:56	11:30	53:56
48	54:57	11:30	54:57	11:30	54:57
49	55:58	11:30	55:58	11:30	55:58
50	56:59	11:30	56:59	11:30	56:59
51	57:00	11:30	57:00	11:30	57:00

PASADENA, LOCAL SHOCKS
December, 1936

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	20:33	33°30'	116°55'	C	3	Agua Caliente fault near Aguanga.
4	18:05	32 27	115 37	C	3.5	Lower California.
5	12:00	33 48	117 38	B	3	Near Prado. Whittier fault?
	14:15	33 30	116 55	C	2	Agua Caliente fault near Aguanga.
	18:02	34 15	116 05	C	3	Mojave Desert.
6	11:14	34 17	118 50	C	3.5	Vicinity of Moorpark.
7	15:44	33 08	116 05	C	3	West of Salton Sea.
9	20:48	32	115	D	3.5	Lower California.
10	14:18	34.1	118.7	D	2	About 55 km. west of Pasadena.
11	03:12	34.0	118.4	C	1.5	Vicinity of Inglewood.
12	14:39	33 45	117 22	C	2.5	The Gavilan District.
17	05:56	34 03	117 33	B	2	Vicinity of Cucamonga.
	08:22	33 30	116 55	C	2.5	Agua Caliente fault near Aguanga.
18	12:00	33 52	117 38	C	2.5	Elsinore fault near Prado.
19	16:26	33 50	117 24	C	2.5	The Gavilan District.
22	01:17	35.2	110.2	D	2.5	Probably Garlock fault north of Mojave.
	10:49	33 59	118 23	B	2.5	Inglewood fault. Felt: Culver City, Westwood Hills.
	20:20	34 55	118 15	C	2.5	Near Rosamond, Antelope Valley.
23	09:16	35 56	120 29	B	3.5	Near Parkfield, Monterey County.
24	12:12	33 30	116 55	B	2.5	Agua Caliente fault near Aguanga.
	21:54	32 27	115 37	C	3.5	Lower California.
	23:47	32 27	115 37	C	3	Lower California.
25	00:01	32 27	115 37	C	3	Lower California.
	00:31	31.7	115.1	D	4	Lower California.
	00:38	31.7	115.1	D	3.5	Lower California.
	00:42	31.7	115.1	D	3.5	Lower California.
	08:05			E	5	To the north approx 500 km. from Tinemaha.
	17:12	34 33	119 41	C	2.5	Near Santa Barbara.
26	06:31	33 30	116 55	B	2.5	Agua Caliente fault near Aguanga.
29	19:48			E	4.5	Probably Gulf of California. Pasadena Δ approx 550 km.

From readings at Tucson furnished by U.S. Coast and Geodetic Survey for shock of September 7 at 03:48 the epicenters of the shocks listed on page 11 of 1936 Local Shocks report should be changed to read: "36° 115° Vicinity of Boulder Dam".

PASADENA, LOCAL SHOCKS

No. 1

January, 1937

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
2	03:12			E	5	Gulf of California? Δ La Jolla approx. 500 km.
3	00:03	32.8	116.2	D	3	Agua Caliente fault?
5	06:53	32.1	116.3	D	3	Lower California.
6	20:59	33 34	117 59	C	2.5	Off Newport Beach.
8	04:46	32 06	116 30	C	4	Lower California.
	05:19	32.1	116.5	D	3	Lower California.
	08:23	32.1	116.5	D	3.5	Lower California.
9	02:41	33 55	116 50	C	3	Near Cabezon, Riverside County.
	20:15	34 20	116 55	B	2.5	San Bernardino Mountains.
10	02:14	34 01	117 25	C	2	Near Riverside. Blast?
12	07:44	34.5	120.8	D	3	Off Pt. Arguello?
15	10:35	33 30	118 15	B	4	San Pedro Channel. Felt:Wilmington, etc.
	21:26	33 30	118 15	C	2.5	San Pedro Channel.
16	19:29	34 06	117 41	C	3	Vicinity of Chino.
18	02:34	33 57	117 39	B	3.5	Vicinity of Chino.
	03:00	33 57	117 39	B	1.5	Vicinity of Chino.
19	15:57	35 42	118 22	B	4	Sierra Nevada near Weldon.
	22:12	33 55	118 15	C	2	Southwest of Los Angeles.
20	11:04	34 10	117 00	B	3.5	San Bernardino Mountains.
	23:43	33.6	118.0	D	1.5	Felt near Huntington Beach.
22	11:52	34 45	116 50	C	2	Mojave Desert, south of Daggett (?)
25	02:10	36.3	118.5	D	2.5	Sierra, west of Haiwee.
28	09:36	34 26	119 52	C	2.5	Near Santa Barbara.
29	23:17	33.5	118.0	C	2	Probably off Newport Beach.
31	00:23	33 42	118 20	C	2	San Pedro Hills.

February, 1937

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
1	19:32	33°42'	116°59'	C	2	Near San Jacinto.
3	06:48	32	116	D	3.5	Lower California.
5	18:52	33 35	116 18	C	3.5	Vicinity of Indian Wells.
6	01:14	33 55	117 40	B	3	Vicinity of Chino.
11	20:15	33 30	116 55	C	2.5	Agua Caliente fault near Aguanga.
12	01:00	33 34	117 59	C	3	Off Newport Beach. Felt near Huntington Beach.
	09:07	33 35	117 10	B	2.5	Vicinity of Elsinore.
	14:26	37 30	118 25	C	4	North of Bishop.
16	09:40	34 33	120 47	C	4	Off Pt. Arguello.
	19:33	36 30	121 35	C	4.5	Monterey County.
17	23:52	33 40	116 13	C	2.5	Vicinity of Indian Wells.
18	04:07	32 32	116 11	C	3	Lower California.
	16:59	33 56	118 14	C	2.5	Southwest Los Angeles. Felt in Beverly Hills.
19	01:09	38.3	118.3	C	5	Felt at Hawthorne, Nevada. (P)
	08:42	35 50	118 15	C	2.5	Southwest of Haiwee.
	15:06	38	118	D	4.5	Nevada.
20	01:58	35 56	120 29	C	4	Vicinity of Parkfield, Monterey County.
	12:27	33 59	118 23	C	2.5	Inglewood fault southwest of Los Angeles.
21	03:26	33 43	118 05	C	2	Off Bolsa Chica.
22	10:10	36 10	121 32	C	4	Monterey County.
	10:23	35 50	118 15	C	2.5	Southwest of Haiwee.
24	05:37	34.5	119.7	C	2	Near Santa Barbara.
	19:20	34.5	119.7	C	2	Near Santa Barbara.
25	10:21	35 44	117 55	B	3	South of Haiwee approx. 45 km.
26	02:54	33 50	116 58	B	3	San Jacinto fault, vicinity of San Jacinto.
	17:29	31.7	117.2	D	5	Off the coast of Lower California.
28	10:17	38	118	D	4	Nevada.
	13:06	33 50	117 50	B	2.5	Near Olive.
	18:14	33 50	117 50	B	3	Near Olive.

PASADENA LOCAL SHOWS

January, 1937

No. 1

Date	Time	Lat.	Long.	Remarks
1	00:00	34 42	119 30	San Felix Hills
2	00:15	34 35	119 25	Woodsport Hill Newport Beach
3	00:30	34 28	119 20	San Juan Harbor
4	00:45	34 21	119 15	Northwest Los Angeles. East in Beverly Hills
5	01:00	34 14	119 10	Southwest Los Angeles. East in Beverly Hills
6	01:15	34 07	119 05	Lower California
7	01:30	34 00	119 00	Lower California
8	01:45	33 53	118 55	Lower California
9	02:00	33 46	118 50	Lower California
10	02:15	33 39	118 45	Lower California
11	02:30	33 32	118 40	Lower California
12	02:45	33 25	118 35	Lower California
13	03:00	33 18	118 30	Lower California
14	03:15	33 11	118 25	Lower California
15	03:30	33 04	118 20	Lower California
16	03:45	32 57	118 15	Lower California
17	04:00	32 50	118 10	Lower California
18	04:15	32 43	118 05	Lower California
19	04:30	32 36	118 00	Lower California
20	04:45	32 29	117 55	Lower California
21	05:00	32 22	117 50	Lower California
22	05:15	32 15	117 45	Lower California
23	05:30	32 08	117 40	Lower California
24	05:45	32 01	117 35	Lower California
25	06:00	31 54	117 30	Lower California
26	06:15	31 47	117 25	Lower California
27	06:30	31 40	117 20	Lower California
28	06:45	31 33	117 15	Lower California
29	07:00	31 26	117 10	Lower California
30	07:15	31 19	117 05	Lower California
31	07:30	31 12	117 00	Lower California
32	07:45	31 05	116 55	Lower California
33	08:00	30 98	116 50	Lower California
34	08:15	30 02	116 45	Lower California
35	08:30	29 95	116 40	Lower California
36	08:45	28 88	116 35	Lower California
37	09:00	28 81	116 30	Lower California
38	09:15	28 74	116 25	Lower California
39	09:30	28 67	116 20	Lower California
40	09:45	28 60	116 15	Lower California
41	10:00	28 53	116 10	Lower California
42	10:15	28 46	116 05	Lower California
43	10:30	28 39	116 00	Lower California
44	10:45	28 32	115 55	Lower California
45	11:00	28 25	115 50	Lower California
46	11:15	28 18	115 45	Lower California
47	11:30	28 11	115 40	Lower California
48	11:45	28 04	115 35	Lower California
49	12:00	27 97	115 30	Lower California
50	12:15	27 90	115 25	Lower California
51	12:30	27 83	115 20	Lower California
52	12:45	27 76	115 15	Lower California
53	13:00	27 69	115 10	Lower California
54	13:15	27 62	115 05	Lower California
55	13:30	27 55	115 00	Lower California
56	13:45	27 48	114 55	Lower California
57	14:00	27 41	114 50	Lower California
58	14:15	27 34	114 45	Lower California
59	14:30	27 27	114 40	Lower California
60	14:45	27 20	114 35	Lower California
61	15:00	27 13	114 30	Lower California
62	15:15	27 06	114 25	Lower California
63	15:30	26 99	114 20	Lower California
64	15:45	26 92	114 15	Lower California
65	16:00	26 85	114 10	Lower California
66	16:15	26 78	114 05	Lower California
67	16:30	26 71	114 00	Lower California
68	16:45	26 64	113 55	Lower California
69	17:00	26 57	113 50	Lower California
70	17:15	26 50	113 45	Lower California
71	17:30	26 43	113 40	Lower California
72	17:45	26 36	113 35	Lower California
73	18:00	26 29	113 30	Lower California
74	18:15	26 22	113 25	Lower California
75	18:30	26 15	113 20	Lower California
76	18:45	26 08	113 15	Lower California
77	19:00	26 01	113 10	Lower California
78	19:15	25 94	113 05	Lower California
79	19:30	25 87	113 00	Lower California
80	19:45	25 80	112 55	Lower California
81	20:00	25 73	112 50	Lower California
82	20:15	25 66	112 45	Lower California
83	20:30	25 59	112 40	Lower California
84	20:45	25 52	112 35	Lower California
85	21:00	25 45	112 30	Lower California
86	21:15	25 38	112 25	Lower California
87	21:30	25 31	112 20	Lower California
88	21:45	25 24	112 15	Lower California
89	22:00	25 17	112 10	Lower California
90	22:15	25 10	112 05	Lower California
91	22:30	25 03	112 00	Lower California
92	22:45	24 96	111 55	Lower California
93	23:00	24 89	111 50	Lower California
94	23:15	24 82	111 45	Lower California
95	23:30	24 75	111 40	Lower California
96	23:45	24 68	111 35	Lower California
97	24:00	24 61	111 30	Lower California
98	24:15	24 54	111 25	Lower California
99	24:30	24 47	111 20	Lower California
100	24:45	24 40	111 15	Lower California
101	25:00	24 33	111 10	Lower California
102	25:15	24 26	111 05	Lower California
103	25:30	24 19	111 00	Lower California
104	25:45	24 12	110 55	Lower California
105	26:00	24 05	110 50	Lower California
106	26:15	23 98	110 45	Lower California
107	26:30	23 91	110 40	Lower California
108	26:45	23 84	110 35	Lower California
109	27:00	23 77	110 30	Lower California
110	27:15	23 70	110 25	Lower California
111	27:30	23 63	110 20	Lower California
112	27:45	23 56	110 15	Lower California
113	28:00	23 49	110 10	Lower California
114	28:15	23 42	110 05	Lower California
115	28:30	23 35	110 00	Lower California
116	28:45	23 28	109 55	Lower California
117	29:00	23 21	109 50	Lower California
118	29:15	23 14	109 45	Lower California
119	29:30	23 07	109 40	Lower California
120	29:45	23 00	109 35	Lower California
121	30:00	22 93	109 30	Lower California
122	30:15	22 86	109 25	Lower California
123	30:30	22 79	109 20	Lower California
124	30:45	22 72	109 15	Lower California
125	31:00	22 65	109 10	Lower California
126	31:15	22 58	109 05	Lower California
127	31:30	22 51	109 00	Lower California
128	31:45	22 44	108 55	Lower California
129	32:00	22 37	108 50	Lower California
130	32:15	22 30	108 45	Lower California
131	32:30	22 23	108 40	Lower California
132	32:45	22 16	108 35	Lower California
133	33:00	22 09	108 30	Lower California
134	33:15	22 02	108 25	Lower California
135	33:30	21 95	108 20	Lower California
136	33:45	21 88	108 15	Lower California
137	34:00	21 81	108 10	Lower California
138	34:15	21 74	108 05	Lower California
139	34:30	21 67	108 00	Lower California
140	34:45	21 60	107 55	Lower California
141	35:00	21 53	107 50	Lower California
142	35:15	21 46	107 45	Lower California
143	35:30	21 39	107 40	Lower California
144	35:45	21 32	107 35	Lower California
145	36:00	21 25	107 30	Lower California
146	36:15	21 18	107 25	Lower California
147	36:30	21 11	107 20	Lower California
148	36:45	21 04	107 15	Lower California
149	37:00	20 97	107 10	Lower California
150	37:15	20 90	107 05	Lower California
151	37:30	20 83	107 00	Lower California
152	37:45	20 76	106 55	Lower California
153	38:00	20 69	106 50	Lower California
154	38:15	20 62	106 45	Lower California
155	38:30	20 55	106 40	Lower California
156	38:45	20 48	106 35	Lower California
157	39:00	20 41	106 30	Lower California
158	39:15	20 34	106 25	Lower California
159	39:30	20 27	106 20	Lower California
160	39:45	20 20	106 15	Lower California
161	40:00	20 13	106 10	Lower California
162	40:15	20 06	106 05	Lower California
163	40:30	19 99	106 00	Lower California
164	40:45	19 92	105 55	Lower California
165	41:00	19 85	105 50	Lower California
166	41:15	19 78	105 45	Lower California
167	41:30	19 71	105 40	Lower California
168	41:45	19 64	105 35	Lower California
169	42:00	19 57	105 30	Lower California
170	42:15	19 50	105 25	Lower California
171	42:30	19 43	105 20	Lower California
172	42:45	19 36	105 15	Lower California
173	43:00	19 29	105 10	Lower California
174	43:15	19 22	105 05	Lower California
175	43:30	19 15	105 00	Lower California
176	43:45	19 08	104 55	Lower California
177	44:00	19 01	104 50	Lower California
178	44:15	18 94	104 45	Lower California
179	44:30	18 87	104 40	Lower California
180	44:45	18 80	104 35	Lower California
181	45:00	18 73	104 30	Lower California
182	45:15	18 66	104 25	Lower California
183	45:30	18 59	104 20	Lower California
184	45:45	18 52	104 15	Lower California
185	46:00	18 45	104 10	Lower California
186	46:15	18 38	104 05	Lower California
187	46:30	18 31	104 00	Lower California
188	46:45	18 24	103 55	Lower California
189	47:00	18 17	103 50	Lower California
190	47:15	18 10	103 45	Lower California
191	47:30	18 03	103 40	Lower California
192	47:45	17 96	103 35	Lower California
193	48:00	17 89	103 30	Lower California
194	48:15	17 82	103 25	Lower California
195	48:30	17 75	103 20	Lower California
196	48:45	17 68	103 15	Lower California
197	49:00	17 61	103 10	Lower California
198	49:15	17 54	103 05	Lower California
199	49:30	17 47	103 00	Lower California
200	49:45	17 40	102 55	Lower California
201	50:00	17 33	102 50	Lower California
202	50:15	17 26	102 45	Lower California
203	50:30	17 19	102 40	Lower California
204	50:45	17 12	102 35	Lower California
205	51:00	17 05	102 30	Lower California
206	51:15	16 98	102 25	Lower California
207	51:30	16 91	102 20	Lower California
208	51:45	16 84	102 15	Lower California
209	52:00	16 77	102 10	Lower California
210	52:15	16 70	102 05	Lower California
211	52:30	16 63	102 00	Lower California
212	52:45	16 56	101 55	Lower California
213	53:00	16 49	101 50	Lower California
214	53:15	16 42	101 45	Lower California
215	53:30	16 35	101 40	Lower California
216	53:45	16 28	101 35	Lower California
217	54:00	16 21	101 30	Lower California
218	54:15	16 14	101 25	Lower California
219	54:30	16 07	101 20	Lower California
220	54:45	16 00	101 15	Lower California
221	55:00	15 53	101 10	Lower California
222	55:15	15 46	101 05	Lower California
223	55:30	15 39	101 00	Lower California
224	55:45	15 32	100 55	Lower California
225	56:00	15 25	100 50	Lower California
226	56:15	15 18	100 45	Lower California
227	56:30	15 11	100 40	Lower California
228	56:45	15 04	100 35	Lower California
229	57:00	14 97	100 30	Lower California
230	57:15	14 90	100 25	Lower California
231	57:30	14 83	100 20	Lower California
232	57:45	14 76	100 15	Lower California
233	58:00	14 69	100 10	Lower California
234	58:15	14 62	100 05	Lower California
235	58:30	14 55	100 00	Lower California
236	58:45	14 48	99 55	Lower California
237	59:00	14 41	99 50	Lower California
238	59:15	14 34	99 45	Lower California
239	59:30	14 27	99 40	Lower California
240	59:45	14 20	99 35	Lower California
241	60:00	14		

PASADENA, LOCAL SHOCKS
March, 1937

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
3	19:13	33.6	118.4	C	M	San Pedro Channel.
4	08:04	32 47	116 17	B	4	San Andreas fault zone north of Indian Wells.
5	04:47	36.7	121.7	D	4.5	Felt at Salinas.
6	00:41	34 23	116 31	C	3.5	Mojave Desert.
	01:52	34 11	116 55	B	2.5	Santa Ana fault, San Bernardino Mountains.
8	02:31	37.8	122.2	D	4.5	Damage East San Francisco Bay district.
	17:51	30	117	D	4	Off the coast of Lower California.
9	07:41	37 53	118 30	B	4	Near Benton, Mono County.
	14:39	33 43	119 01	C	2	Santa Barbara Channel.
	15:44	33 10	116 35	C	3	Vicinity of Verruga.
12	14:27	34 11	116 55	C	3	San Bernardino Mountains.
	21:36	34 58	117 10	C	3	Near Barstow.
	23 30	34 58	117 10	C	2	Near Barstow.
16	15:30	33 30	116 55	C	2.5	Agua Caliente fault near Aguanga.
	23:49	33 50	117 24	B	2	The Gavilan District.
18	17:23	34 01	117 30	B	4	Near Mira Loma. Felt generally San Bernardino Valley.
21	07:13	34 21	117 42	B	2	San Andreas fault zone vicinity of Valyermo.
	09:18	33 24	117 58	C	2.5	San Pedro Channel.
25	08:49	33 28	116 35	A	6	San Jacinto fault, Coahuila Valley. Felt: Pasadena, San Diego, Imperial Valley, etc.
	See note at end of report					
26	09:55	34.0	116.9	C	2.5	San Bernardino Mountains.
	13:35	34.6	119.7	C	3.5	Near Santa Barbara.
	22:39	33 37	118 02	C	3	Off Huntington Beach.
27	16:57	33 37	118 02	B	3	Off Huntington Beach.
28	15:30	33 42	116 50	C	3	San Jacinto fault near San Jacinto.
	17:48	34 04	116 47	C	3.5	San Bernardino Mountains. Mill Creek fault?
	17:57	34 04	116 47	C	3	San Bernardino Mountains. Mill Creek fault?
	20:35	34 04	116 47	C	3	San Bernardino Mountains. Mill Creek fault?
30	01:26	35 25	117 30	C	3	Mojave Desert east of Atolia.
31	09:43	34.5	119.7	C	3	Near Santa Barbara.

Additional shocks from epicenter at 33°28' 116°35':

Date	P.S.T.	M	Date	P.S.T.	M
25	09:02	2.5	25	23:17	3
	09:13	2.5	26	00:06	3.5
	09:47	3.5		02:33	3.5
	09:54	3.5		13:17	3.5
	10:04	3		13:24	4
	10:12	3		21:24	3.5
	10:22	2.5		21:28	4
	10:42	3		22:07	3
	10:43	3		23:42	4.5
	11:46	2.5	27	04:27	3.5
	12:04	4		13:50	3.5
	15:20	4	29	09:03	4
	16:10	3.5			

In addition to shocks listed above, approximately 90 small aftershocks were recorded up to March 31st, 24h.

30 JUL 1937

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
2	14:50	33°28'	116°35'	C	2.5	Coahuila Valley.
4	20:00	33 30	116 55	C	3	Agua Caliente fault vicinity of Aguanga.
5	00:54	32.1	116.5	C	3	Lower California.
	06:02	33 28	116 35	C	3	Coahuila Valley.
	10:56	33 42	116 59	C	3	Near San Jacinto.
	14:26	33 28	116 35	C	3	Coahuila Valley.
6	06:42	32 32	116 11	C	3	Lower California.
	09:44	33 28	116 35	C	3.5	Coahuila Valley.
7	13:32	33 28	116 35	C	3	Coahuila Valley.
9	07:03	33 28	116 35	C	3.5	Coahuila Valley.
11	12:29	35 59	117 17	B	3.5	Panamint Valley.
13	15:06	34 25	119 03	B	2.5	Vicinity of Santa Paula.
15	07:26	33 28	116 35	C	2.5	Coahuila Valley.
16	05:05	33 28	116 35	B	3	Coahuila Valley.
17	00:30	34.6	119.7	C	2.5	Near Santa Barbara.
20	07:24	33 55	117 33	C	4	Felt: Redlands, Hemet, Riverside, San Jacinto.
	19:39	33.7	117.6	C	2.5	Santa Ana Mountains.
22	07:00	32 47	116 08	C	3	Vallecito Mountains.
	19:47	34 53	119 08	C	2.5	Near Cuddy Valley.
23	09:16	33 28	116 35	C	2.5	Coahuila Valley.
	09:20	33 28	116 35	C	2.5	Coahuila Valley.
24	20:28	39	117	D	4.5	Nevada.
	12:57 ^a				4.5	Gulf of California?
27	21:14	33 28	116 35	C	2.5	Coahuila Valley.
30	00:16	34.5	119.7	D	2.5	Vicinity of Santa Barbara.

May, 1937

Date	P.S.T.	Lat.	Long.	Q	M	Remarks
2	10:09	33°28'	116°35'	C	2.5	Coahuila Valley.
3	01:12	33 28	116 35	C	2.5	Coahuila Valley.
	08:33	33 28	116 35	C	2.5	Coahuila Valley.
9	02:19	34 12	117 23	C	2	Cajon Pass.
10	15:02	33 37	118 02	C	2	Off Huntington Beach.
11	04:00	33 55	117 33	C	2.5	Near Riverside.
	08:30	33 57	118 38	C	2.5	Santa Monica Bay.
	18:06	33 57	118 38	B	2.5	Santa Monica Bay.
13	07:46	33 28	116 35	C	2.5	Coahuila Valley.
15	11:52	33 28	116 35	C	3	Coahuila Valley.
16	12:27	33 28	116 35	C	3	Coahuila Valley.
24	02:29	33 57	118 38	C	2.5	Santa Monica Bay.
	21:35			E	5?	To the north. Tinemaha Δ approx. 450 km.
26	04:29	33 40	117 40	C	3	Santa Ana Mountains.
30	12:03	32 53	118 15	C	3	Off San Clemente Island.
31	07:33	36 30	120 42	C	3	San Benito County.

C. F. Richter

R. E. Rogers