

1933 - November.

1	04:37			E	3.5	Tinemaha $\Delta \sim 130$ km.
2	12:25	33.6	118.2	D	2.5	Probably San Pedro Bay. Data in poor agreement!
	13:06	"	"	D	2	" " " "
	21:49					Very small - PMR district.
3	18:07			E		No motion of torsions. Recd P-MW only.
4	09:55			E		Makes no sense. May be two shocks near La Jolla. (C.F.R.)
	19:17			E		MW $\Delta \sim 65$ km?
	21:35			E		Very small. On P & M only
5	09:56			E		" " " " "
	09:30	33.8	118.5	D	2	San Pedro Hills? [P & M only. R bad order]
	20:09	33.2	115.7	D	3	West shore Salton Sea.
6	06:16					North of Tinemaha. Nevada $38^{\circ}118^{\circ}??$
	22:02				2.5	San Pedro Hills? No R.
7	03:15					Blast (?) near Pasadena.
	05:18	32.9	116.4	D	3?	Vallecito Mts.? Riverside out of order; L.J. no Δt .
	05:40			E		PMR district. Very small.
	06:52			E		Southeast of Pasadena
	06:56			E		" " " "
	07:12			E		PMR district. Very small.
	15:20					Blast (?) near Pasadena
	17:06			D	2.5	Very near Riverside [S-P = 2??]
	17:09	38	118	D	4	Nevada
	17:45			E	1.5	P $\Delta 40$ km?
	19:59			E		Coahuila Valley??
8	14:18					Blast near M.W.??
	15:45					" " Pasa.??
	20:07	34.4	119.7	D	2.5	Near Sta Barbara
	20:50	"	"	D	?	" " " "
11	13:07	34	119	D	?	Sta Barbara $\Delta \sim 40$ km.?
	19:46			E		P only
12	05:57			E		Recorded P, S & L only. Small.
	13:39			E		On P & M only. P $\Delta 40$ km?
	13:46			E		Might be 0713
	14:09			E		" " " "
	15:48			E		" " " "
	17:28			E		" " " "
	17:34			E		" " " "
	17:46			E		" " " "
	21:22			E		" " off Newport Bch. A_{max} : P = .05; M = .05
13	13:28	33	52	118	12	C 4 Inglewood fault near Dominguez.
	20:00			E		P.M.R.
	22:42	34	30	117	20	C 2- Near Victorville.
14	08:38	38		118		D 3.5 Nevada
	11:04					Blast (?) near Pasadena.
	16:22	34		117		1.5 Riverside $\Delta \sim 14$ km
	21:46	33	59	117	33	C 1.5 Near Riverside
	22:01					PMR. Very small.
	22:57	33	57	117	40	D 1.5 Near Chino
	23:05	"	"	"	"	D 1.5
15	09:26	"	"	"	"	D 1.5
	09:32	"	"	"	"	D 1.5
	09:53	"	"	"	"	D 1.5

29	00:39	32	115	5	4	Lower Calif
	13:37			E		PMR
	19:37			E		S-P, T: ~23
30	15:25			E		PMR. Same as?
	23:01			E		Time S-P ~25.

Verticals much less sensitive than in later years
Locations in general much poorer quality than, say 1936 + 1937.

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1	16:36								A blast, near Pasadena
	21:39	33	39	118	08	C	2		San Pedro Channel
	21:52	34	52	117	39	C	2		Mojave Desert
2	00:19	33	28	118	25	C	2		San Pedro Channel.
	05:28	30		113		D	4.5		Gulf of California?
	06:29					E			Not far from Pasadena
	06:31					E			Same thing
	12:01					E			" "
	13:18					E			" "
3	02:40	33	26	117	00	C	2.5		Elsinore fault, vicinity of Pala.
	06:28	33		117		E	2?		May be off Newport Beach.
	13:16					E			Small shock 60 km [L.B.?] from Pasadena.
	21:17	33	46	118	07	B	2.5		Near Long Beach.
4	02:08	"	"	"	"	B	2.5		" " "
5	09:46					E			Probably blast near M.W.
	14:10					E			Recorded P-MW only. Peculiar
	20:58					E			Lower California.
6	07:01	33	51	116	57	B	3.5		San Jacinto fault.
	09:25								Not far from P.M.-R district
7	00:53	32.5		115.6		D	3.5		Lower California
	12:01								Blast near P & MW
	20:37	32.5		115.6		D	4		Lower California
8	14:45								Blast near Pasadena.
9	02:42	32	32	116	11	C	3		Lower California
	04:25	32.5		115.6		D	3		" "
	06:40								Blast near MW-P
	14:28	32		116		E			To the S.W.
	17:41	32		116		D	3		San Jacinto fault? west of Salton Sea.
10	20:56	"				D	2		Same as preceding
	01:58					E			$P_{s-p} = 10.3?$ $R_{s-p} = 10.5? 7?$
	07:51	32.3		115.0		D	4		Lower Calif. vicinity Volcano Lake
	16:10±								To the north?
	21:38	32.3		115.0		D	3		Vicinity Volcano Lake.
	23:52					E			S-P: $P = 10.8?$ $MW = 12.6$ $R = 08.0$ ∴ L.B.?
11	01:57	36	38	121	31	C	3.5		San Benito County.
	09:44	32.5		115.6		D	3		Lower California
12	05:56					E	4		Makes completely no sense
	11:57	33		116		E	2?		Lower Calif?
	15:25	38		118		D	4		Felt: Luning and Hawthorne, Nevada.
13	07:34	37		122		D	4.5		Felt in San Jose
14	04:32	33	46	118	16	B	2.5		San Pedro Hills
	04:39	"	"	"	"	B	2.5		San Pedro Hills.
15	00:48	33	46	118	08	B	3		Near Long Beach.
	00:54	39		117		D	4.5		Felt at Broken Hills Nevada, R.F. IV
	11:10	34.5		119.7		D	?		Small shock near Sta Barbara.
	15:16	33	37	118	02	B	3		Off Huntington Beach
	16:34								} Very small. Apparently same as preceding
	17:46								
17	05:32								Small shock near Riverside. Blast
	15:33								Very small - probably from Lower California (= 3326?)
	19:05	32	27	115	37	C	3.5		Lower California
18	15:17	32		115		D	3		" "

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18	16:04									Probably blast, San Gabriel Canyon.
19	13:06					E				
	21:27	33	37	118	02	C	2			Reported by Murray as felt near Hont. Bch.
20	15:59	33	46	118	07	B	2			Near Long Beach.
	16:03									Blast near M.W.
	17:09					E				Δ R of order of 45 km. Reg'd also P + MW.
	23:28									Same as 18 ^d 16 ^h 04 ^m
	23:49					E	3?			Lower Cal.f.?
21	12:10									A blast (in Pasadena)
	18:56?					E				To the south. Very uncertain readings account small ampl.
	21:51	34	25	119	06	C	2.5			Ventura County.
	22:11	33.8		118.3		C	2.5			Near Long Beach
22	00:18	33	78	116	35	C	3			Terwilliger Valley [near epi. of 25 III 1937]
	07:59									} Blasts, San Gabriel Canyon.
	09:31									
	13:33					E				P.M.R. district, very small A_H Pas = .05
	21:35	37	56	116	25	B	3			Elsinore fault, Vallecito Mts.
23	01:31					E				A small PMR shock.
	02:00	33.7		118.1		D	2.5			Off Bolsa Chica?
	16:59	34.0		117.4		D	2			Near Riverside. Blast?
24	21:35					E				Small. [To west and slightly south?]
25	23:47	33	57	117	42	C	2.5			Elsinore fault vicinity of Prado.
27	08:55	33	57	117	39	C	1.5			" " " "
	10:53									Blast(?) near Pasadena.
	15:08					E				Recorded MW only. Blast.
	16:18	33	47	118	08	B	3			Near Long Beach.
	20:56	33	37	118	02	C	2.5			Off Huntington Beach. Felt: Murray.
28	04:35						1.5±			PMR district?
	13:05	32.5		115.0		D	4.5			Volcano Lake region
	21:28									Blast [San Gabriel Canyon?]
29	02:46									Small shock PMR region.
	05:49	33	37	118	02	C	2.5			Off Huntington Beach.
	08:16	32.5		115.0		D	4			Volcano Lake region
	09:34	33	34	117	59	C	2.5			Off Newport Beach
	12:31	"	"	"	"	C	2.5			" " " [Poor location]
	17:19									San Gabriel blast.
30	09:58	33	47	118	08	B	3.5			Near Long Beach. Reported felt: Southgate, Long Bch.
	01:34±									10 miles s/e of Watsonville according to Berkeley.
	15:02									San Gabriel blast.
31	08:49					E	1.5?			Small PMR shock
	22:13					E	?			" " "