Jesuit Seismological Service
Record
of the
Seismographic Station, Astronomical and Meteorological Observatory
University of Santa Clara, California, U. S. A.

$\phi = 37^\circ\ 26'\ 36''$ N $\lambda = 121^\circ\ 57'\ 03'' = 8^h\ 7^m\ 50^s$ W; elevation 27.43 M.

P.S. TIME: Mean Civil Greenwich, midnight to midnight, 0-24 hrs.

INSTRUMENTS: Wiechert 80 kg., astatic, horizontal and vertical pendulums.

NOMENCLATURE: International.

DATE	CHAR.	COMP.	PHASES.	TIME h. m. s.	PERIOD s.	AMP. m. m.	REMARKS
Jan.15	Iv	N-S	Pe	1-02-55			
1934			Si	1-08-20			
A.M.			L	1-38-09	15		
			M				
			C				
			F				
		E-W	Pe	1-02-35			
			Si	1-08-40			
			Le	1-35-37	18.		Distance:— 7607 mi. S.W.
			M	1-46-16		.5	India. Calcutta and
			C				Patna.
			F	3-16-00			Destructive
		V	P				
			S				
			L				
			M				
			C				
			F				
Jan.28	Ir	N-S	P	11-16-08			
1934			S	11-18-23			
A.M.			L		5.		
			M	11-30-02		3.25	
			C	11-31-27			
			F				
		E-W	P	11-16-03			
			S	11-17-50			
			L	11-23-22	5.		Distance:— 1777 mi. S.E.
			M	11-31-15		1.1	West of Mexico City.
			C	11-34-00			
			F	11-52-36			
		V	P				
			S				
			L				
			M				
			C				

			C			
			F			
Jan. 30	IIV	N-S	P e	11-24-54		
1934			S			
A.M.			L i	11-25-27	1.	
			M	11-26-07		15.75
			C	11-28-00		
			F	11-34-40		
		E-W	P e	11-24-48		
			S			
			L i	11-25-24	1.	
			M	11-26-06		13.5
			C	11-26-48		
			F	11-38-36		
		V	P	11-24-55		
			S	11		
			L	11-25-49	2.	
			M	11-25-49		1.9
			C	11-26-21		
			F	11-27-30		

Distance:— 186 mi N.W.

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P.S. TIME: ~~Mean Civil Greenwich, midnight to midnight, 0-24 hrs.~~

INSTRUMENTS: Wiechert 80 kg., astatic, horizontal and vertical pendulums.

NOMENCLATURE: International.

DATE	CHAR.	COMP.	PHASES.	TIME h. m. s.	PERIOD s.	AMP. m. m.	REMARKS
Jan.30	IIIv	N-S	Pe	12-17-23			
1934			S				
P.M.			Li	12-17-58	3.		
			M	12-18-12		46.5	
			C	12-22-00			
			F	12-40-00			
		E-W	Pe	12-17-22			
			S				
			Li	12-17-33	3.		Distance:— N.W.
			M	12-18-00		55.25	
			C	12-24-06			
			F	12-05-00			
		V	Pi	12-17-27			
			S				
			Li	12-17-56	2.		
			M	12-18-26		37.7	
			C	12-19-52			
			F	12-30-30			
Jan.30	Iv	N-S	Pe	1-05-36			
1934			S				
P.M.			Li	1-06-12	3.		
			M	1-06-16		5.	
			C	1-06-42			
			F	1-08-30			
		E-W	Pe	1-05-39			
			S				
			Li	1-06-12	3.		Distance:— N.W.
			M	1-06-30		4.	
			C	1-06-42			
			F	1-11-00			
		V	P				
			S				
			L				
			M				
			C				

			M			
			C			
			F			
Jan.30	I Iv	N-S	Pe	3-40-35		
1934			S			
P.M.			Li	3-41-21	2.	
			M	3-41-27		13.2
			C	3-42-14		
			F	3-46-00		
		E-W	Pe	3-40-35		
			S			
			Li	3-41-22	2.	
			M	3-41-35		18.5
			C	3-42-30		
			F	3-51-00		
		V	P			
			S			
			L			
			M			
			C			
			F			

Distance:—

M.W.

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TIME: Mean Civil Greenwich, midnight to midnight, 0–24 hrs.

INSTRUMENTS: Wiechert 80 kg., astatic, horizontal and vertical pendulums.

NOMENCLATURE: International.

DATE	CHAR.	COMP.	PHASES.	TIME h. m. s.	PERIOD s.	AMP. m. m.	REMARKS
		N-S	P				
			S				
			L				
			M				
			C				
			F				
		E-W	P				
			S				
			L				Distance:—
			M				
			C				
			F				
		V	P				
			S				
			L				
			M				
			C				
			F				
Jan.30.Iv		N-S	Pe	4-25-33			
1934			S				
P.M.			Li	4-26-08	2.		
			M	4-26-36		2.25	
			C	4-26-51			
			F	4-29-23			
		E-W	Pe	4-25-30			
			S				
			Li	4-26-08	2.		Distance:— N.W.
			M	4-26-30		3.75	
			C	4-26-48			
			F	4-30-00			
		V	P				
			S				
			L				
			M				
			C				

Wm. Clyde Wertz, S.J.

			C			
			F			
		N-S	P			
			S			
			L			
			M			
			C			
			F			
		E-W	P			
			S			
			L			
			M			
			C			
			F			
		V	P			
			S			
			L			
			M			
			C			
			F			

Distance:—

OBSERVATORY
UNIVERSITY OF SANTA CLARA
SANTA CLARA, CALIFORNIA

October 1934.

2	G-W	eP_{gENZ}	20:20:50	D (Sg-Pg) .6°
		iS_{gENZ}	20:20:58	Felt in San Francisco.
		F	20:26:	
2	G-W	eP_{gENZ}	20:30:57	2nd Shock, see above.
		iS_{gENZ}	20:31:04	
		F	20:35:	
10	G-W	eP_Z	15:53:40	D (S-P) 73.4°
		epP_Z	15:55:34	South Pacific.
		eS_Z	16:03:14	
18	G-W	eP_Z	8:01:00	
		e_Z	8:04:13	
		eL_Z	8:26:40	
		F	9:29:	
26	G-W	eP_E	17:24:00	D (S-P) 78.5°
		eS_E	17:33:59	
		eL_E	17:50:08	
27	G-W	e_{ENZ}	10:36:37	
		F	11:28:	
29	G-W	eP_{ENZ}	2:37:17	Ø
		eZ	2:38:32	
		e_Z	2:39:38	
		eL_E	2:40:45	
		eM_E	2:41:40	
		F	3:09:	

Minor Disturbance, Unclassifiable.
Oct 21 (18:15-18:18)

John C. Weber, S.J. Assistant.

November 1934.

5	G-W	iS_{EN}	23:16:05	D (S-H) 39.1°
		iSR_{2EN}	23:19:00	
		eL_E	23:20:58	
		eM_E	23:26:40	
		F	23:37:	
8	G-W	eP_E	13:48:36	
		eE	13:49:06	
		eL_E	13:54:29	
		eM_E	13:56:23	
		F	14:01:	
30	G-W	iP_{ENZ}	2:10:26	D (S-P) 24.4°
		iS_Z	2:14:49	
		iL_Z	2:17:06	
		iM_Z	2:19:14	
		F	5:36:	

Shocks too small to Classify.

Nov 16 (05:38-05:45) Los Angeles.
(14:28-15:03)
18 (15:40-15:55)
(23:19-23:32)
24 (13:40-13:59)
27 (06:40-07:33)

John A. Weber, S.J.,Assistant.

OBSERVATORY
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SANTA CLARA, CALIFORNIA

1934.

Dec 3	G-W	ePn_{ENZ}	1:54:56	D (Pn-P*) 3.75°
		eP^*_{N}	1:55:07	415km 259mi
		$eP\delta_{EN}$	1:55:16	h 1h 53m 58s
		F	2:00:	
3	G-W	$ePenz$	2:45:37	D (SR_1-H) 38°
		eS_{EN}	2:51:24	4220km 2620 mi
		eSR_{1E}	2:54:00	H 2h 38m 23s
		eL_E	2:57:28	E 14.3N 88.8W
				Western Honduras
4	G-W	e	7:18:56	
		e	7:19:23	
		F	7:23:	
8	G-W	ePE_{NZ}	9:40:42	D (S-P) 26.8°
		eS_E	9;45:24	2980km 1850mi
		eSR_{1E}	9:46:52	Mexico
		eL_{EN}	9:49:32	
		F	10:07:	
17	G-W	ePn_{ENZ}	11:11:04	D (Pn-Sn) 4.75°
		eP^*_{ENZ}	11:11:19	525km 328mi
		$eP\delta_{ENZ}$	11:11:33	Santa Monica
		eSn_{ENZ}	11:12:00	
		eS^*_{enz}	11:12:11	
22	G-W	ePR_{1EZ}	14:37:20	D (PR_1-H) 35.8°
		eM_{ez}	14:53:05	3980km 2470mi.
				Off Coasta Rica.
				H 14h 29m 10s
				e 9N 87W
24	G-W	iP_Z	14:42:37	
		eM_Z	14:53:55	
		F	15:04:	
24	G-W	e_E	16:26:32	
		e_Z	16:26:40	
		e_Z	16:27:05	
		e_Z	16:27:13	
		e_Z	16:27:18	
		F	16:31:	
30	G-W	iPn_{ENZ}	13:54:10	D (Pn-Sn) 6.3°
		iSn_{ENZ}	13:55:24	700 km 437 mi
		F	15:30:	H 13h 52m 11s
				E 32N 115W
				Lower California.
31	G-W	iPn_{ENZ}	5:50:28	D (Pn-Sn) .5°
		iSn_{ENZ}	5:50:36	50km 31mi
		F	5:52:	Faint local shock.
31	G-W	iPn_{ENZ}	18:47:43	D (Pn-Sn) 8.1°
		iSn_{ENZ}	18:49:27	900km 562mi
		F	22:36:	H 18h 45m 38s
				E 31.8N 115W
				Lower California.

Minor Seismic Movements.
Dec 15 (02:41-03:50)
17 (16:34-17:23)
22 (01:08-01:10) Los Angeles.
25 (07:05-08:06)
28 (12:06-12:44)

John C. Weber, S.J. Assistant.