1933

Jesuit Seismological Service Record

of the

Seismographic Station, Astronomical and Meteorological Observatory

University of Santa Clara, California, U. S. A.

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

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

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

NOMENCLATURE: International.

1933

DATE	CHAR.	COMP.	PHASES.	TIME h. m. s.	PERIOD s.	AMP. m. m.	REMARKS
July 16 P.M.	IV	N-S	Pi	4:32:21			
			S				
			Le	4:32:29	.8		
			M	4:32:40		3	
			C	4:33:00			
			F	4:34:30			
		E-W	Pi	4:32:22			
			S				
			Li	4:32:29	.8		Distance:—47 mi. S.W.
			M	4:32:40		4	Very faint shock felt locally.
			C	4:33:00			light shock felt at Santa Cruz,
			F	4:34:39			Watsonville, Salinas, Calif.
		V	Pi	4:32:22			
			S				
			L	4:32:26	.8		
			M	4:32:30		1.5	
			C	4:32:42			
			F	4:33:15			
July 18 AM	IV	N-S	Pi	1:06:14			
			S				
			L	1:06:18	.8		
			M	1:06:20		2	
			C	1:07:00			
			F	1:08:18			
		E-W	Pi	1:06:14			
			S				
			L	1:06:18	.8		Distance:— 42 mi. NE
			M	1:06:18		5	Very faint shock felt locally.
			C	1:07:00			light shock felt at Mission San
			F	1:08:24			Jose, Hayward, etc., Calif.
		V	Pi	1:06:14			
			S				
			L	1:06:18	.8		
			M	1:06:18		1.5	
			C	1:06:30			

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

Distance:—

International Seismological Centre

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DATE	CHAR.	COMP.	PHASES.	TIME h. m. s.	PERIOD s.	AMP. m. m.	REMARKS
July 18 1933	Iv	N-S	Pi	1:06:14			
			S				
A.M.			L	1:06:18	.8	~~2~~	
			M	1:06:20		2	
			C	1:07:00			
			F	1:08:18			
		E-W	Pi	1:06:14			
			S				
			L	1:06:18	.8		Distance:— 42 mi. NE
			M	1:06:18		5	Very faint shock felt locally.
			C	1:07:00			light shock felt at Mission San
			F	1:08:24			Jose, Calif.
		V	Pi	1:06:14			
			S				
			L	1:06:18	.8		
			M	1:06:18		1.5	
			C	1:06:30			
			F	1:07:00			
July 16 P.M.	Iv	N-S	Pi	4:32:21			
			S				
			Le	4:32:29	.8		
			M	4:32:40		3	
			C	4:33:00			
			F	4:34:30			
		E-W	Pi	4:32:22			
			S				
			Li	4:32:29	8		Distance:— 47 mi. S.W.
			M	4:32:40		4	Very faint shock felt locally.
			C	4:33:00			light shock felt at Santa Cruz,
			F	4:34:39			Watsonville, Salinas, Calif.
		V	Pi	4:32:22			
			S				
			L	4:32:26	.8		
			M	4:32:30		1.5	
			C	4:32:42			
			F	4:33:15			

			L	4:32:26	.8	
			M	4:32:30		1.5
			C	4:32:42		
			F	4:33:15		
July 20 P.M.	IV	N-S	P ¿	7:08:38		
			S ¿	7:08:54		
			L ¿	7:09:05	1.	
			M	7:09:09		1.1
			C	7:09:23		
			F	7:10:38		
		E-W	P ¿	7:08:32		
			S	7:08:54		
			L ¿	7:09:06	1.	
			M	7:09:10		1.9
			C	7:09:25		
			F	7:11:29		
		V	P			
			S			
			L			
			M			
			C			
			F			

Distance:— 177.2 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
Aug.6 1933 A.M.	Iv	N-S	Pi	6-27-08			
			S				
			Le	6-27-14	1.		
			M	6-27-24		.4	
			C	6-27-30			
			F	6-28-00			
		E-W	P	6-27-09			
			S				
			L e	6-27-16	1.		Distance:— 55 mi. S.E.
			M	6-27-26		.7	
			C	6-28-00			
			F				
		V	P				
			S				
			L				
			M				
			C				
			F				
Aug.10 1933 P.M.	Iv	~~N-S~~ E-W	P i	2-41-03			
			S				
			L i	2-41-07	.8		
			M	2-41-08		6.7	
			C	2-41-50			
			F	2-43-00			
		~~E-W~~ N-S	Pi	2-41-02			
			S				
			L i	2-41-05	.8		Distance:— 41.6 mi. N.E.
			M	2-41-07		3.8	
			C	2-41-52			
			F	2-42-57			
		V	P i	2-41-05			
			S				
			L i	2-41-07	.8		
			M	2-41-12		1.5	
			C	2-41-16			
			F	2-41-38			

			L i	2-41-07	.8	
			M	2-41-12		1.5
			C	2-41-16		
			F	2-41-38		
Sept,6 1933 P.M.	Ir	N-S	P e	2-19-46		
			S e	2-21-54		
			L e	2-29-03	1.5	
			M	2-29-22		.5
			C	2-29-30		
			F			
		E W	P e	2-19-45		
			S e	2-21-59		
			L e	2-29-03	1.5	
			M	2-29-30		1.2
			C	2-29-46		
			F			
		V	P			
			S			
			L			
			M			
			C			
			F			

Distance:— 1820 mi. N.E.

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DATE	CHAR.	COMP.	PHASES.	TIME h. m. s.	PERIOD s.	AMP. m. m.	REMARKS
Oct.2	Iv	N-S	P i	1-11-29			
1933			S				
A.M.			L i	1-12-40	1.5		
			M	1-13-16		3,3	
			C	1-15-06			
			F	1-19-38			
		E-W	P i	1-11-29			
			S				
			L i	1-12-46	1.		Distance:— 371 mi. S.E.
			M	1-13-39		5.3	
			C	1-15-06			Slight Shock felt in Los Angeles, Calif.
			F	1-19-38			
		V	P				
			S				
			L				
			M				
			C				
			F				
Oct.2	Ir	N-S	P e	7-39-04			
1933			S e	7-46-43			
A.M.			L e	7-59-09	6.		
			M	8-03-37		.87	
			C	8-07-34			
			F				
		E-W	P e	7-39-01			
			S e	7-46-42			
			L e	7-59-15	7.		Distance:— 4486 mi.S.E.
			M	8-00-55		.37	
			C	8-07-23			
			F				
		V	P				
			S				
			L				
			M				
			C				
			F				

			L			
			M			
			C			
			F			
Oct.27	Iv	N-S	P i	2-59-37		
1933			S	3-00-50		
A.M.			L i	3-00-55	1.	
			M	3-01-04		5.7
			C	3-02-04		
			F	3-05-28		
		E-W	P			
			S			
			L i	3-00-54	1.	
			M	3-01-18		2.5
			C	3-01-23		
			F	3-02-00		
		V	P			
			S			
			L			
			M			
			C			
			F			

Distance:— 285 mi. N.W.

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NOMENCLATURE: International.

DATE	CHAR.	COMP.	PHASES.	TIME h. m. s.	PERIOD s.	AMP. m. m.	REMARKS
Nov.20	III	N-S	P e	3-29-41			
1933	r		S e	3-36-13			
P.M.			L e	3-44-08	6.		
			M	3-48-33		42.5	
			C	3-50-20			
			F	4-15-18			
		E-W	P				
			S				
			L				Distance:— 3076 mi. N.E.
			M	3-48-43	6.	7.4	
			C	3-49-24			
			F	3-52-30			
		V	P				
			S				
			L				
			M				
			C				
			F				
Dec.2	Iv	N-S	P i	3-19-06			
1933			S				
P.M.			L i	3-19-13	1.		
			M	3-19-18		1.4	
			C	3-19-31			
			F	3-20-03			
		E-W	P i	3-19-06			
			S				
			L i	3-19-13	1.		Distance:— 55 mi. N.W.
			M	3-19-22		2.4	Very faint shock felt.
			C	3-19-35			
			F	3-20-12			
		V	P i	3-19-06			
			S				
			L i	3-19-08	.8		
			M	3-19-13		1.	
			C	3-19-18			
			F	3-19-39			

			L i	3-19-08	.8	
			M	3-19-13		1.
			C	3-19-18		
			F	3-19-39		
Dec.11	Iv	N-S	Pi	2-56-57		
1933			S			
A.M.			L i	2-57-05	.8	
			M	2-57-06		1.9
			C	2-57-24		
			F	2-58-37		
		E-W	Pi	2-56-58		
			S			
			L i	2-57-05	.8	
			M	2-57-08		2.1
			C	2-57-39		
			F	2-58-32		
		V	P			
			S			
			L			
			M			
			C			
			F			

Distance:— 59 mi. N. W.

Faint Shock felt locally.

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DATE	CHAR.	COMP.	PHASES.	TIME h. m. s.	PERIOD s.	AMP. m. m.	REMARKS
Dec.13	Iv	N-S	Pi	7-34-44			
1933			S				
A.M.			L i	7-34-52	1.		
			M	7-34-54		10.5	
			C	7-35-59			
			F	7-37-56			
		E-W	Pi	7-34-44			
			S				
			L i	7-34-52	1.		Distance:— 60 mi. S.W/
			M	7-34-56		12.2	Very light shock felt.
			C	7-36-03			
			F	7-37-38			
		V	Pi	7-34-38			
			S				
			L i	7-34-43	1.		Mr. Clyde Weeks, S.J.
			M	7-34-44		5.25	
			C	7-35-30			
			F	7-35-51			
		N-S	P				
			S				
			L				
			M				
			C				
			F				
		E-W	P				
			S				
			L				Distance:—
			M				
			C				
			F				
		V	P				
			S				
			L				
			M				
			C				

			L			
			M			
			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:—