

1933

San Jose Mission

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 $\lambda = 121^{\circ} 57' 03'' = 8^{\text{h}} 7^{\text{m}} 50^{\text{s}}$ 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			PERIOD	AMP.	REMARKS	
				h.	m.	s.				s.
July 16 P.M.	IV	N-S	P _i	4	32	21			Distance: 47 mi. S.W. Very faint shock felt locally, light shock felt at Santa Cruz, Watsonville, Salinas, Calif.	
			S							
			L _e	4	32	29	.8			
			M	4	32	40		3		
			C	4	33	00				
			F	4	34	30				
			E-W	P _i	4	32	22			
			S							
			L _i	4	32	29	.8			
			M	4	32	40		4		
			C	4	33	00				
			F	4	34	39				
			V	P _i	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 A.M.	IV	N-S	P _i	1	06	14			Distance: 42 mi. NE Very faint shock felt locally, light shock felt at mission San Jose, Hayward, etc., Calif.	
			S							
			L	1	06	18	.8			
			M	1	06	20		2		
			C	1	07	00				
			F	1	08	18				
			E-W	P _i	1	06	14			
			S							
			L	1	06	18	.8			
			M	1	06	18		5		
			C	1	07	00				
			F	1	08	24				
			V	P _i	1	06	14			
			S							
			L	1	06	18	.8			
M	1	06	18		1.5					
C	1	06	30							

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DATE	CHAR.	COMP.	PHASES.	TIME			PERIOD s.	AMP. m. m.	REMARKS		
				h.	m.	s.					
July 18 1933 A.M.	Iv	N-S	Pi	1	06	14					
			S								
			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				
			M	1	06	18		5			
			C	1	07	00					
			F	1	08	24					
						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				
			M	4	32	40		4			
			C	4	33	00					
			F	4	34	39					
						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								

Distance:— 42 mi. NE

Very faint shock felt locally.
light shock felt at Mission San Jose, Calif.

Distance:— 47 mi. S.W.

Very faint shock felt locally.
light shock felt at Santa Cruz, Watsonville, Salinas, Calif.



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

INTERNATIONAL SEISMOLOGICAL CENTRE
 1000 UNIVERSITY AVENUE
 WASHINGTON, D.C. 20004-4100
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INSTRUMENTS: Wiechert 80 kg., astatic, horizontal and vertical pendulums.

NOMENCLATURE: International.

DATE	CHAR.	COMP.	PHASES.	TIME			PERIOD s.	AMP. m. m.	REMARKS	
				h.	m.	s.				
Aug. 6 1933 A.M.	Iv	N-S	Pi	6	27	08			Distance:— 55 mi. S.E.	
			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							
			Le	6	27	16	1.			
			M	6	27	26		.7		
			C	6	28	00				
			F							
			V	P						
			S							
L										
M										
C										
F										
Aug. 10 1933 P.M.	Iv	E-W	Pi	2	41	03			Distance:— 41.6 mi. N.E.	
			S							
			Li	2	41	07	.8			
			M	2	41	08		6.7		
			C	2	41	50				
			F	2	43	00				
			E-W	Pi	2	41	02			
			N-S	S						
			Li	2	41	05	.8			
			M	2	41	07		3.8		
			C	2	41	52				
			F	2	43	57				
			V	Pi	2	41	05			
			S							
Li	2	41	07	.8						
M	2	41	12		1.5					
C	2	41	16							
F	2	41	38							



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			L i	2-41-07	.8	
			M	2-41-13		1.5
			C	2-41-16		
			F	2-41-38		
Sept, 6	Ir	N-S	P e	2-19-46		
1933			S e	2-21-54		
P.M.			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.

INTERNATIONAL SEISMOLOGICAL CENTRE
 BRITISH INSTITUTIONS
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INSTRUMENTS: Wiechert 80 kg., astatic, horizontal and vertical pendulums.

NOMENCLATURE: International.

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



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			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	3-01-13		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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DATE	CHAR.	COMP.	PHASES.	TIME			PERIOD s.	AMP. m. m.	REMARKS
				h.	m.	s.			
Nov. 20 1933 P.M.	III	N-S	P e	3	29	41			Distance:— 3076 mi. N.E.
			S e	3	36	13			
			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						
			M	3	48	43	6.	7.4	
			C	3	49	24			
			F	3	52	30			
Dec. 2 1933 P.M.	IV	N-S	P i	3	19	06			Distance:— 55 mi. N.W. Very faint shock felt.
			S						
			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.		
			M	3	19	22		2.4	
			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	30				



			Li	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.			Li	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			
			Li	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			PERIOD	AMP.	REMARKS
				h.	m.	s.			
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.		
			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						
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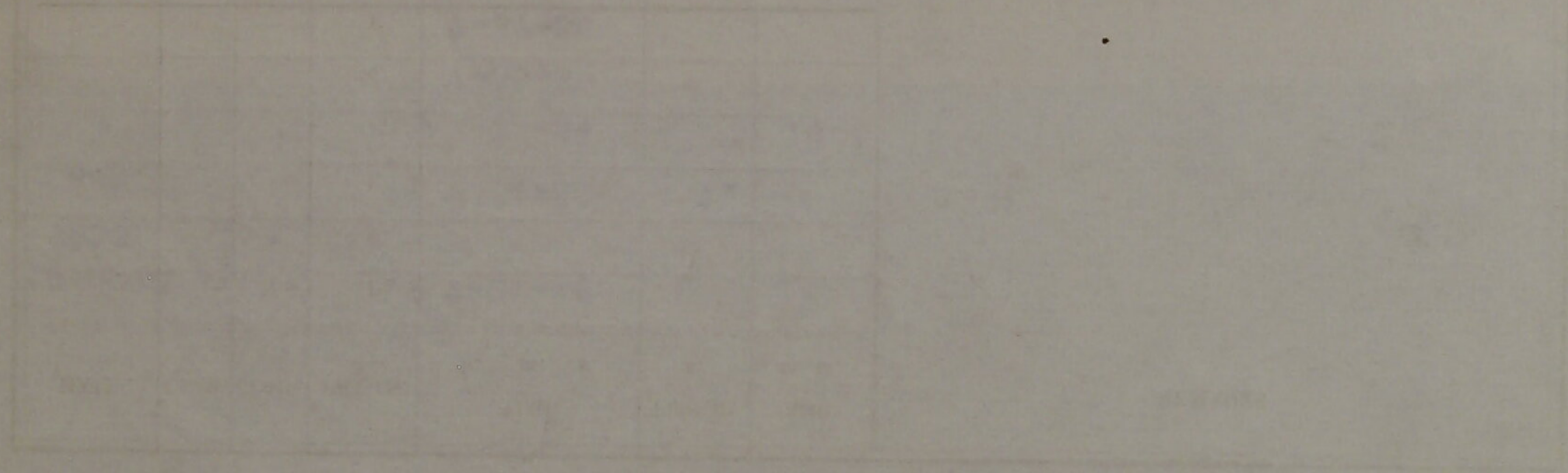
Mr. Clyde West, S. J.



International
Seismological
Centre

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Distance:—



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