

19 11-12

Jesuit Seismological Service Record

of the

Seismographic Station, Astronomical and Meteorological Observatory

Santa Clara College, Cal., 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.

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

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

NOMENCLATURE: International.

FROM DECEMBER 31, 1911

TO FEBRUARY 1, 1912

DATE.	CHAR.	COMP.	PHASES.	TIME.			PERIOD.	AMP.	REMARKS.
				h.	m.	s.			
31	Ild	N-S	P i	21:	40:	52			Distance:— 74 Km. S. E. Light shock felt.
			S						
			L	21:	40:	57			
			M	21:	41:	08	.8	6.5	
			C	21:	41:	55			
			F	21:	43:	40			
		E-W	P i	21:	40:	52			
			S						
			L	21:	40:	57			
			M	21:	41:	12	.8	6.5	
			C	21:	41:	30			
			F	21:	44				

			L j	21: 40: 51		
			M	21: 41: 13	.8	2.75
			C	21: 41: 30		
			F	21: 42		
Jan. 5	Ilv	N-S	P i	3: 52: 58		
			S	3: 53: 15		
			L	3: 53: 42		
			M	3: 53: 49	1	10.5
			C	3: 54: 58		
			F	4: 01		
		E-W	P i	3: 52: 57		
			S	3: 53: 15		
			L	3: 53: 30		
			M	3: 53: 48	1	8
			C	3: 55: 24		
			F	4: 01		
		V	P			
			S			
			L			
			M			
			C			
			F			
21	lld	N-S	P i	14: 07: 30		
			S			
			L	14: 07: 34		
			M	14: 07: 39	.8	5.75
			C	14: 08: 20		
			F	14: 10: 30		
		E-W	P i	14: 07: 30		
			S			
			L	14: 07: 34		
			M	14: 07: 54	.8	5.75
			C	14: 07: 55		
			F	14: 10: 30		
		V	P			
			S			
			Li	14: 07: 31		
			M	14: 07: 31	.8	3.75
			C	14: 08		
			F	14: 08: 20		

Jan. 14. ²lv. N-S. Pe. 15:54:56, S. 15:58:18, L. 16:01:09, M. 16:11, per. 6 secs., amp. .25 mm., C. 16:11:06, F. 16:51. E-W: Pe. 15:54:55, S. 15:58:18, L. 16:01:09, M. 16:09, per. 6 secs., amp. .62 mm., C. 16:09:50, F. 17:30. Distance: 1726 Km. W 21°58' N. Sinusoid. (Alaska quake)

Distance:— 358 Km. S. 37° 18' E.
(Felt at Fresno and along border of central California and Nevada.)

Jan. 15. Ilv. N-S. Pi. 19:08:14, L. 19:08:25, M. 19:08:37, per. 1 sec., amp. 12.25 mm., C. 19:09:40, F. 19:12. E-W. Pi. 19:08:13, L. 19:08:24, M. 19:08:36, per. 1 sec., amp. 10.5 mm., C. 19:09:20, F. 19:13. Distance: 85 Km. N. 40° 36' W. Oscillations during day.

Distance:— 67 Km. S. E.
Light shock felt.

Feb. 1. ²lv. N-S. Trace. E-W. Pe. 8:17:38, L. 8:26, per. 6 secs., M. 8:18:16, per. 1.5 secs., Amp. 1 mm., F. 9:00. Irregular sinusoid. (Alaska quake.)