

Jesuit Seismological Service RECORD

YEAR
1925



OF THE
Nicholas B. Burke Seismic Observatory, Loyola University
NEW ORLEANS, LA.

Vertical Magnitude

LATITUDE: 29° 56' 54"—LONGITUDE: 90° 7' 12"—ALTITUDE: 2 M.

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

INSTRUMENT: Wiechert 80 Kg., Horiz. and Vert.

NOMENCLATURE: International.

FROM January 1st, 1925 TO March 31st, 1925

DATE	CHAR.	PHASE	TIME h. m. s.	PERIOD s.	AMPLITUDE		REMARKS	
					AN	AE		
Jan 18		ePn	12-18 ¹⁸ -27					
		iSn	12-28-43	8	3		9100 kms.	
		Ln	12-35-00	8				
		Fn	14-09-00				Nod decided maximum	
		Fe	13-50-00					
Jan. 23		Microseisms of large amplitude						Day of the Eclipse.
Jan 26		iPn	19-07-20		1.5			
		iSn	19-11-20	7	3		2450 Kms.	
		Ln	19-12-40	8	2.8		E-W of smaller amplitude	
		Fn	20-25-00				Registered on Vertical	
		Fe	20-12-00				Beginning at same time	
							Lasting 20 minutes.	
Feb. 24		Pn	0-02-20					
		Sn	0-9-08					
		Ln	0-15-30	10			5300Kms. Alaska	
		Ln						
		Mn	0-26-00		36			
		Fn	1-33-00					
		Pa	0-02-20					
		Se	0-09-08					
		Le	0-15-30	10				
		Me	0-29-00		20			
		Fe	1-15-00					

*O. L. Abell Jr.
Director*

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International
Seismological
Centre

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							AN	AE	
			h.	m.	s.	s.	Double		
Feb 28		Microseisms afternoon preceeding Quebec Quake.							
Mar. 1		O	2	20	09				
		Pn	2	25	30				
		Sn	2	29	47				2650 kms.
		Ln	2	31	17				Calculations based on data from Regis College Denver, St. Louis University, Spring Hill College, Mobile and this Station Epicenter is
		Mn	2	31	00	7	105		Latitude 52 N. Longitude 78 W. South Eastern extremity of James Bay.
		Pn	3	40	00				
		Pe	2	26	00				
		Se	2	30	00				
		Le	2	31	40				
		Me	2	33	00	7	80		
		Fe	3	25	00				
Mar. 1		Vertical							
		P	2	25	30				
		S.	2	29	45	15			
		L	2	31	15	5			
		M	2	3	9-00	5	43		
		f	3	25	00				
Mar. 16			15	5	0-00	3	0		Long Sinusoidal waves More pronounced on E-W
Mar. 22		?Pn	8	11	00				
		?Sn	8	23	00				
		Ln	8	42	00				
		Mn	8	48	00	20			Long Sinusoidal waves Same appearance and size on all three components.
		Fn	10	28	00				
Mar. 29		B	EX12						
		O	21	12	43				
		Pn	21	18	00	8			
		Sn	21	22	22	10			2700 Kms
		Ln	21	24	22				
		Fn	22	05	00				Reported in Daily Paper as felt in Panama at 4:16 P.M. Panama Time
		Pe	21	18	02				
		Se	21	22	22				
		?Le	21	24	32	10			
		Fe	21	59	00				

D. L. Bell S.A.



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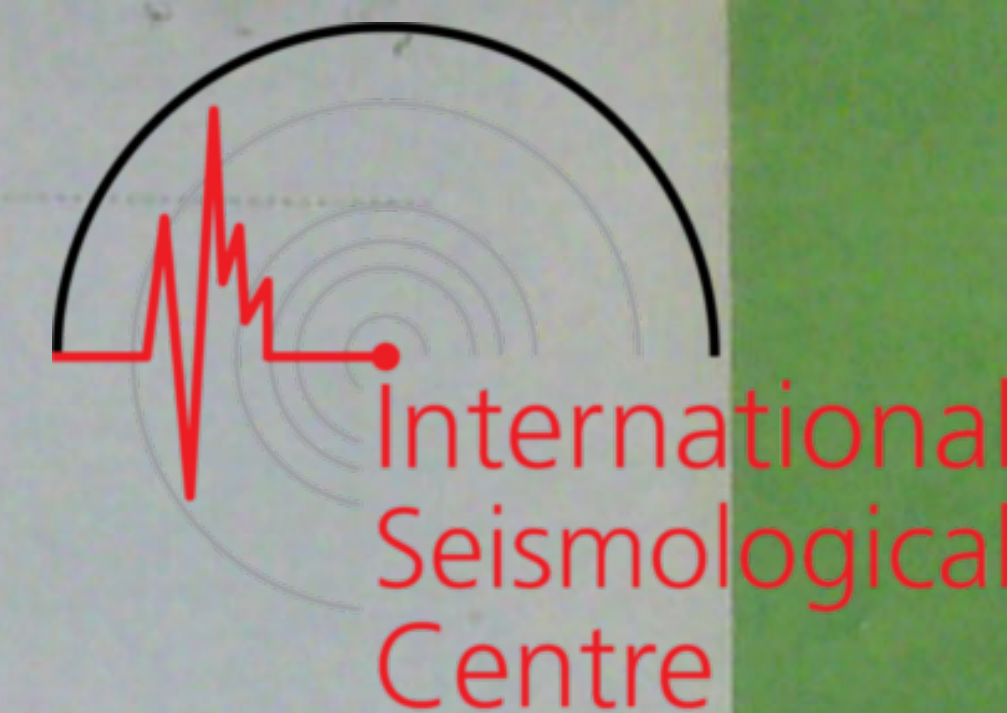
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			h.	m.	s.		s.	AN		AE
Apr. 16		Ln	20	58	00	20	small		Long sinusoidal waves E-W same time but more pronounced.	
		F _n	21	40						
	g ⁰⁰	Vertical								
		L	21	03	00					
		F	21	38	00					
May 3		F _n	17	44	00	6				Long Sinusoidal waves Same on both components.
		S?								
		Ln	18	23	00	24				
		F _n	19	20	00					
" "		P _n	23	21	00	20				Same character as first quake on this date.
		?Ln	0	19	00					
May 4		F _n	1	20	00					
May 5		?P	10	39	00				Same character as on preceeding day	
		Ln	11	10	00					
		F _n	12	18	00					
May 18		Ln	6	41	00	20	small		Same on both components.	
		F _n	7	29	00					
May 23		Ln 3	3	06	00				Occured Kansaic district Japan-200 lives lost. Waves better defined on EW.	
		F _n	3	30	00					
May 26 <i>S-P 1-42</i>		O	<i>8-21-44</i>						Strongest on NS. 1000 miles <i>940 km?</i>	
		F _n	8	23	48					
		S _n	8	25	30					
		F _n	9	00	00					
June 3		?P _n	4	57	00	25				
		Ln	5	30	00					
		M _n	5	40	00					
		F _n	6	45	00					
June 9		Ln	14	30	00	15				
		F _n	16	00	00					
June 14		P _n	10	31	40	7				
		S _n	10	37	20					
		Ln 10	10	40	30					
		M _n	10	46	40					
		F _n	11	15	00					



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					AN	AE	
June 28		0	h 2 ^m 25 ^s	s.	Double		
June 28	S-P 3 ^m 40 ^s	Pn _N	1 28 00				Central Montana 2200 km
		Sn _N	1 31 40				
		Ln _N	1 33 00	7		500	
		Mn _N	1 36 00			100	
		Mn _N	1 41 30				
		Fn _N	? ? ?				
June 28		0	2 07 57				Second began before first disturbance had died away.
June 28	S-P 4-00	Pn _N	2 13 00				Central Montana 2440 km.
		Sn _N	2 17 00			125	
		Ln _N	2 18 00	7		25	
		Mn _N	2 22 00				
		Fn _N	3 16 00				
June 28		Pn _N	3 51 30				Central Montana.
		Sn _N	? ?				
		Ln _N	3 56 00				Record on EW seems to be same as on NS.
		Fn _N	4 10 00				
June 28	Vertical	P	1 28 20				Central Montana.
		S	1 32 00				
		L	1 34 00				
		M	1 36 00	7		200	
		M	1 39 00			40	
June 28		Sn _N	2 11 30				Central Montana
		S	2 15 00				
		L	2 17 00				
		M	2 18 00				
		M	2 22 00				
		P	3 00 00				
July 7	43 28	Pn _N	8 50 00				Santa Barbara Calif. Also registered on the Vertical but largest amplitude was 6 mm. (double).
		Sn _N	8 55 10				
		Ln _N	8 57 30			650	
		Mn _N	9 01 00	7		13	
		Mn _N	9 04 00				
		Fn _N	10 45 00				
		Pn _E	8 52 00				
		Sw _E	8 58 10				
		Lw _E	8 59 00			65	
		Mw _E	9 06 00	7		13	
		Mw _E	9 10 00	7		16	
		Mw _E	9 13 00	7		65 13	
July 7		Pv _Z	2 17 00				2700 miles west.
		Sv _Z	2 23 30				
		Lv _Z	2 27 00				

7 B Time for June 28 is 2' 30" fast



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NOV 30 9 04 AM '25

24

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					AN	AE		
October 5th								
Oct. 5		1P	4-14-20					
		S	4-16-20					
		L	4-17-30					
		M	4-19-10					
		F	5-00-00					
13		eP	17-52-10					
		PR1	17-54-00					
		PR2	17-55-15					
		PA3	17-57-15					
		S	17-59-15					
		SR1	18-02-55					
		SR2	18-04-45					
		L	18-06-00					
		M	18-09-10					
		F	18-20-00					
Nov. 10		M	15-22-00				Chili or Peru.	
		F	16-20-00					
13		M	13-20-00					
		F	14-30-00					
15		Microseisms of unusual amplitude.						High seas running in the Gulf of Mexico all day.
16		P	11-59-21					
		Pr1	12-02-51					
		S	12-07-21	6	9mm		4000 miles.	
		L	12-14-51					
		M	12-16-51	12	20mm			
		F	13-30-00					