

BULLETIN OF THE SEISMOGRAPHIC STATION  
 OF THE  
 GONZAGA UNIVERSITY, SPOKANE, WASHINGTON,  
 FOR THE YEAR 1926

-2-

(Cont'd) No.	Char.	Date	Phase	G.M. Time	Period	Trace Amp.		Remarks
						AE	AN	
1	Iu	Jan.25	M <sub>1E</sub>	17 20 00	29	0.7	0.8	
			M <sub>1N</sub>	17 20 20	17			
			F	18 26 ±				
2	Iir	Feb.8	iP <sub>E</sub>	15 25 29				$\Delta=44.2=4910$ km. Epicenter in the Paci- fic Ocean 11° N. Lat., 87° W. Long., off the Coast of Nicaragua.
			PR <sub>1E</sub>	15 27 38				
			PR <sub>2EN</sub>	15 27 57				
			PR <sub>3N</sub>	15 28 22				
			S <sub>E</sub> (?)	15 32 19				
			i <sub>E</sub>	15 35 59				
			eL <sub>E</sub>	15 38 06				
			iM <sub>E</sub>	15 41 10				
			M <sub>1E</sub>	15 41 40	22	0.8		
			M <sub>2E</sub>	15 50 27	14	2.3		
F	16 45 ±							

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 OF THE  
 GONZAGA UNIVERSITY, SPOKANE, WASHINGTON,  
 FOR THE YEAR 1926

-2-

(Cont'd)		Date	Phase	G.M. Time	Period	Trace Amp.		Remarks
No.	Char.					AE	AN	
1	Iu	Jan.25	M <sub>1E</sub>	17 20 00	29	0.7	0.8	
			M <sub>1N</sub>	17 20 20	17			
			F	18 26 ±				
2	IIr	Feb.8	iP <sub>E</sub>	15 25 29				$\Delta=44.2=4910$ km. Epicenter in the Paci- fic Ocean 11° N. Lat., 87° W. Long., off the Coast of Nicaragua.
			PR <sub>1E</sub>	15 27 38				
			PR <sub>2EN</sub>	15 27 57				
			PR <sub>3N</sub>	15 28 22				
			S <sub>E</sub> (?)	15 32 19				
			i <sub>E</sub>	15 35 59				
			eL <sub>E</sub>	15 38 06				
			iM <sub>E</sub>	15 41 10				
			M <sub>1E</sub>	15 41 40	22	0.8		
			M <sub>2E</sub>	15 50 27	14	2.3		
F	16 45 ±							

REPORT OF THE BRITISH STATION  
 OF THE  
 CANADIAN UNIVERSITY, OTTAWA, CANADA  
 FOR THE YEAR 1955

Station	Time	Phase	Amplitude	Remarks
A-19, 2-2210 St. George's Bay and Keno City, Yukon Territory.	11 00	PR	0.5	
	11 01	PR	0.5	
	11 02	PR	0.5	
	11 03	PR	0.5	
	11 04	PR	0.5	
	11 05	PR	0.5	
	11 06	PR	0.5	
	11 07	PR	0.5	
	11 08	PR	0.5	
	11 09	PR	0.5	
	11 10	PR	0.5	
	11 11	PR	0.5	
A-19, 2-2210 St. George's Bay and Keno City, Yukon Territory.	11 12	PR	0.5	
	11 13	PR	0.5	
	11 14	PR	0.5	
	11 15	PR	0.5	
	11 16	PR	0.5	
	11 17	PR	0.5	
	11 18	PR	0.5	
	11 19	PR	0.5	
	11 20	PR	0.5	
	11 21	PR	0.5	
	11 22	PR	0.5	
	A-19, 2-2210 St. George's Bay and Keno City, Yukon Territory.	11 23	PR	0.5
11 24		PR	0.5	
11 25		PR	0.5	
11 26		PR	0.5	
11 27		PR	0.5	
11 28		PR	0.5	
11 29		PR	0.5	
11 30		PR	0.5	
11 31		PR	0.5	
11 32		PR	0.5	
11 33		PR	0.5	

BULLETIN OF THE SEISMOGRAPHIC STATION  
 OF THE  
 GONZAGA UNIVERSITY, SPOKANE, WASHINGTON.  
 FOR THE YEAR 1926

No.	Char.	Date	Phase	G.M. Time	Period	Trace Amp.		Remarks		
						AE mm.	AN mm.			
7	Iu	April 1	P <sub>EN</sub>	h. m. s. 16 15 09	s.			Swiss Seis- mological service places epicenter in Farther India 15° N. 95° E. Δ=110°=12220 Km.		
			SR <sub>1N</sub>	8 35 12						
			L <sub>N</sub>	8 46 ±						
			M <sub>N</sub>	8 54 ±						
8	Iu	April 12	eP <sub>N</sub>	8 45 30				Epicenter ap- parently in N-W portion of New Hebride s Islands 166°E 14.4 S Δ=90.5 = 10050 Km.		
			eP <sub>E</sub>	8 45 40						
			PR <sub>3N</sub>	8 53 20						
			iS <sub>E</sub>	8 56 11						
			PS <sub>N</sub>	8 56 55						
			SR <sub>1N</sub>	9 02 55						
			SR <sub>1E</sub>	9 03 05						
			SR <sub>3N</sub>	9 09 19						
			L <sub>N</sub>	9 13 08						
			L <sub>E</sub>	9 16 ±						
			M <sub>N</sub>	9 24 ±						
			M <sub>E</sub>	9 28 ±					16	0.2
			F <sub>E</sub>	9 52 ±						
9	Iu	April 28	eP <sub>N</sub> (?)	11 26 01				This with St. Louis U. data seems to point to Atacama. Deep off coast of N. Chili. Δ=79.2 =8800Km.		
			iP <sub>E</sub>	11 26 11						
			iP <sub>N</sub>	11 26 12						
			iN	11 33 07						
			iS <sub>EN</sub> (?)	11 36 19						
			PS <sub>N</sub> (?)	11 37 05						
			PS <sub>E</sub> (?)	11 37 13						
			L(?)	11 38 09						
			M	11 58 ±						
F	11 58 ±									

WORLD-WIDE SEISMIC MONITORING SYSTEM

OF THE

INTERNATIONAL SEISMOLOGICAL CENTRE

1964 YEAR

Station Name	Time		Phase	Amplitude	Period	Remarks
	HH	MM				
STATION NAME	00	00	P	10	1.0	
	01	00	P	10	1.0	
	02	00	P	10	1.0	
	03	00	P	10	1.0	
STATION NAME	04	00	P	10	1.0	
	05	00	P	10	1.0	
	06	00	P	10	1.0	
	07	00	P	10	1.0	
	08	00	P	10	1.0	
	09	00	P	10	1.0	
	10	00	P	10	1.0	
	11	00	P	10	1.0	
	12	00	P	10	1.0	
	13	00	P	10	1.0	
STATION NAME	14	00	P	10	1.0	
	15	00	P	10	1.0	
	16	00	P	10	1.0	
	17	00	P	10	1.0	
	18	00	P	10	1.0	
	19	00	P	10	1.0	
	20	00	P	10	1.0	
	21	00	P	10	1.0	
STATION NAME	22	00	P	10	1.0	
	23	00	P	10	1.0	
	24	00	P	10	1.0	
	25	00	P	10	1.0	
	26	00	P	10	1.0	
	27	00	P	10	1.0	
	28	00	P	10	1.0	
STATION NAME	29	00	P	10	1.0	
	30	00	P	10	1.0	
	31	00	P	10	1.0	
	32	00	P	10	1.0	
	33	00	P	10	1.0	

BULLETIN OF THE SEISMOGRAPHIC STATION  
 OF THE  
 GONZAGA UNIVERSITY, SPOKANE, WASHINGTON  
 FOR THE YEAR 1926

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No.	Date	Char.	Phase	G.M. Time h. m. s.	Period s.	Trace Amp.		Remarks
						$A_E$	$mm^A_N$	
10	May 12	IV	$i_E$	14 54 43				Stronger on N-S component throughout
			$i_N$	14 54 40				
			$eL_{EN}$	14 57 00	17	0.3	0.3	
			$M_E$	14 58 16	12	0.3		
			$M_{LE}$	14 59 18	8	0.3		
			$M_{LN}$	14 59 29	8		0.2	
			$F_N$	15 16 <sup>+</sup>				
11	June 5	IIIv	$eP_E$	19 52 15				$\Delta=8^{\circ}4'$ Off the coast of Northern Cal- ifornia. Epi- center near that of earth- quake of Jan. 31, 1922.
			$iP_N$	19 52 15				
			$i_{EN}$	19 52 34	2	0.4	0.8	
			$i_N$	19 52 40	2		0.7	
			$i_E$	19 53 04	2	0.2		
			$i_E$	19 53 27				
			$i_N$	19 53 36				
			$i_N$	19 53 43				
			$S_{EN}$	19 53 47				
			$i_N$	19 54 15				
			$i_{EN}$	19 54 19				
			$i_{EN}$	19 54 23				
			$i_{EN}$	19 54 29				
								These are short period impulses superposed on long waves.



BULLETIN OF THE SEISMOGRAPHIC STATION  
 OF THE  
 GONZAGA UNIVERSITY, SPOKANE, WASHINGTON  
 FOR THE YEAR 1926

-6-

No.	Date	Char.	Phase	G.M. Time h. m. s.	Period s.	Trace Amp.		Remarks
						$A_E$	$mm^A_N$	
10	May 12	Iv	$i_E$	14 54 43				Stronger on N-S component throughout
			$i_N$	14 54 40				
			$eL_{EN}$	14 57 00	17	0.3	0.3	
			$M_E$	14 58 16	12	0.3		
			$M_{LE}$	14 59 18	8	0.3		
			$M_{LN}$	14 59 29	8		0.2	
			$F_N$	15 16 ±				
11	June 5	IIIv	$eP_E$	19 52 15				$\Delta=8^{\circ}4'$ Off the coast of Northern Cal- ifornia. Epi- center near that of earth- quake of Jan. 31, 1922.
			$iP_N$	19 52 15				
			$i_{EN}$	19 52 34	2	0.4	0.8	
			$i_N$	19 52 40	2		0.7	
			$i_E$	19 53 04	2	0.2		
			$i_E$	19 53 27				
			$i_N$	19 53 36				
			$i_N$	19 53 43				
			$S_{EN}$	19 53 47				
			$i_N$	19 54 15				
			$i_{EN}$	19 54 19				
			$i_{EN}$	19 54 23				
			$i_{EN}$	19 54 29				
								These are short period impulses superposed on long waves.



BULLETIN OF THE SEISMOGRAPHIC STATION  
 OF THE  
 CORNELL UNIVERSITY GEOPHYSICAL OBSERVATORY  
 FOR THE YEAR 1926

No. Date	Oper. Phase	P.M. Time Period	Trace Amp.	Remarks
10 May 15	IV	14 54 43	0.3	Stronger on No. 2 component throughout
		14 54 40	0.3	
		14 57 00	0.3	
		14 58 10	0.3	
		14 58 15	0.3	
		14 58 20	0.3	
		14 58 25	0.3	
		14 58 30	0.3	
		14 58 35	0.3	
		14 58 40	0.3	
		14 58 45	0.3	
		14 58 50	0.3	
		14 58 55	0.3	
		14 59 00	0.3	
		14 59 05	0.3	
		14 59 10	0.3	
		14 59 15	0.3	
		14 59 20	0.3	
		14 59 25	0.3	
		14 59 30	0.3	
		14 59 35	0.3	
		14 59 40	0.3	
		14 59 45	0.3	
		14 59 50	0.3	
		14 59 55	0.3	
		15 00 00	0.3	
		15 00 05	0.3	
		15 00 10	0.3	
		15 00 15	0.3	
		15 00 20	0.3	
		15 00 25	0.3	
		15 00 30	0.3	
		15 00 35	0.3	
		15 00 40	0.3	
		15 00 45	0.3	
		15 00 50	0.3	
		15 00 55	0.3	
		15 01 00	0.3	
		15 01 05	0.3	
		15 01 10	0.3	
		15 01 15	0.3	
		15 01 20	0.3	
		15 01 25	0.3	
		15 01 30	0.3	
		15 01 35	0.3	
		15 01 40	0.3	
		15 01 45	0.3	
		15 01 50	0.3	
		15 01 55	0.3	
		15 02 00	0.3	
		15 02 05	0.3	
		15 02 10	0.3	
		15 02 15	0.3	
		15 02 20	0.3	
		15 02 25	0.3	
		15 02 30	0.3	
		15 02 35	0.3	
		15 02 40	0.3	
		15 02 45	0.3	
		15 02 50	0.3	
		15 02 55	0.3	
		15 03 00	0.3	
		15 03 05	0.3	
		15 03 10	0.3	
		15 03 15	0.3	
		15 03 20	0.3	
		15 03 25	0.3	
		15 03 30	0.3	
		15 03 35	0.3	
		15 03 40	0.3	
		15 03 45	0.3	
		15 03 50	0.3	
		15 03 55	0.3	
		15 04 00	0.3	
		15 04 05	0.3	
		15 04 10	0.3	
		15 04 15	0.3	
		15 04 20	0.3	
		15 04 25	0.3	
		15 04 30	0.3	
		15 04 35	0.3	
		15 04 40	0.3	
		15 04 45	0.3	
		15 04 50	0.3	
		15 04 55	0.3	
		15 05 00	0.3	
		15 05 05	0.3	
		15 05 10	0.3	
		15 05 15	0.3	
		15 05 20	0.3	
		15 05 25	0.3	
		15 05 30	0.3	
		15 05 35	0.3	
		15 05 40	0.3	
		15 05 45	0.3	
		15 05 50	0.3	
		15 05 55	0.3	
		15 06 00	0.3	
		15 06 05	0.3	
		15 06 10	0.3	
		15 06 15	0.3	
		15 06 20	0.3	
		15 06 25	0.3	
		15 06 30	0.3	
		15 06 35	0.3	
		15 06 40	0.3	
		15 06 45	0.3	
		15 06 50	0.3	
		15 06 55	0.3	
		15 07 00	0.3	
		15 07 05	0.3	
		15 07 10	0.3	
		15 07 15	0.3	
		15 07 20	0.3	
		15 07 25	0.3	
		15 07 30	0.3	
		15 07 35	0.3	
		15 07 40	0.3	
		15 07 45	0.3	
		15 07 50	0.3	
		15 07 55	0.3	
		15 08 00	0.3	
		15 08 05	0.3	
		15 08 10	0.3	
		15 08 15	0.3	
		15 08 20	0.3	
		15 08 25	0.3	
		15 08 30	0.3	
		15 08 35	0.3	
		15 08 40	0.3	
		15 08 45	0.3	
		15 08 50	0.3	
		15 08 55	0.3	
		15 09 00	0.3	
		15 09 05	0.3	
		15 09 10	0.3	
		15 09 15	0.3	
		15 09 20	0.3	
		15 09 25	0.3	
		15 09 30	0.3	
		15 09 35	0.3	
		15 09 40	0.3	
		15 09 45	0.3	
		15 09 50	0.3	
		15 09 55	0.3	
		15 10 00	0.3	
		15 10 05	0.3	
		15 10 10	0.3	
		15 10 15	0.3	
		15 10 20	0.3	
		15 10 25	0.3	
		15 10 30	0.3	
		15 10 35	0.3	
		15 10 40	0.3	
		15 10 45	0.3	
		15 10 50	0.3	
		15 10 55	0.3	
		15 11 00	0.3	
		15 11 05	0.3	
		15 11 10	0.3	
		15 11 15	0.3	
		15 11 20	0.3	
		15 11 25	0.3	
		15 11 30	0.3	
		15 11 35	0.3	
		15 11 40	0.3	
		15 11 45	0.3	
		15 11 50	0.3	
		15 11 55	0.3	
		15 12 00	0.3	

These are  
 short period  
 magnitudes  
 determined  
 on logs  
 waves.

190-001  
 the east of  
 northern  
 Florida, 201-  
 center near  
 east of earth  
 area of 1926

Stronger on  
 No. 2 component  
 throughout

BULLETIN OF THE SEISMOGRAPHIC STATION  
 OF THE  
 GONZAGA UNIVERSITY, SPOKANE, WASHINGTON.  
 FOR THE YEAR 1926

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No.	Date	Char.	Phase	G.M. Time h. m. s.	Period s.	Trace Amp.		Remarks	
						A <sub>E</sub> mm	A <sub>N</sub>		
11	June 5 (Con't)	IIIv	L <sub>N</sub>	19 54 06					
			L <sub>E</sub>	19 54 09					
			L <sub>N</sub>	19 54 12	16			1.6	
			M <sub>N</sub>	19 57 00	8			2.5	
			M <sub>E</sub>	19 56 32	8	2.0			
			M <sub>1N</sub>	19 57 45	7			5.4	
			M <sub>2E</sub>	19 57 39	8	2.6			
			F	20 38 ±					
12	June 26	IIu	i <sub>E</sub>	19 59 27					$\Delta=83^\circ$ Reported from the Aegean Sea. Crete and Isle of Rhodes.
			i <sub>N</sub>	19 59 36					
			i <sub>S<sub>NE</sub></sub>	20 09 45					
			PS <sub>N</sub>	20 10 47					
			SR <sub>1N</sub>	20 15 36					
			SR <sub>2N(?)</sub>	20 19 23					
			M <sub>E</sub>	20 28 49					
			M <sub>N</sub>	20 29 43					
			M <sub>1N</sub>	20 30 00	19			0.6	
F <sub>N</sub>	21 31 ±								
13	June 29	II(?)	i <sub>EN</sub>	14 49 49				Beginning lost by chang- ing sheet.	
			F <sub>N</sub>	15 14 ±					

REPORT TO THE SEISMOLOGICAL STATION  
 BULLETIN OF THE SEISMOLOGICAL STATION  
 UNIVERSITY OF WASHINGTON, WASHINGTON  
 FOR THE YEAR 1917

Station 67  
 1917

Year	Month	Day	Time	Location	Depth	Magnitude	Remarks
1917	June	11	11:17	10	1.6	1.6	Report from ...
1917	June	12	11:17	10	1.6	1.6	Report from ...
1917	June	13	11:17	10	1.6	1.6	Report from ...
1917	June	14	11:17	10	1.6	1.6	Report from ...
1917	June	15	11:17	10	1.6	1.6	Report from ...
1917	June	16	11:17	10	1.6	1.6	Report from ...
1917	June	17	11:17	10	1.6	1.6	Report from ...
1917	June	18	11:17	10	1.6	1.6	Report from ...
1917	June	19	11:17	10	1.6	1.6	Report from ...
1917	June	20	11:17	10	1.6	1.6	Report from ...
1917	June	21	11:17	10	1.6	1.6	Report from ...
1917	June	22	11:17	10	1.6	1.6	Report from ...
1917	June	23	11:17	10	1.6	1.6	Report from ...
1917	June	24	11:17	10	1.6	1.6	Report from ...
1917	June	25	11:17	10	1.6	1.6	Report from ...
1917	June	26	11:17	10	1.6	1.6	Report from ...
1917	June	27	11:17	10	1.6	1.6	Report from ...
1917	June	28	11:17	10	1.6	1.6	Report from ...
1917	June	29	11:17	10	1.6	1.6	Report from ...
1917	June	30	11:17	10	1.6	1.6	Report from ...

Report from ...  
 of ...  
 Green and ...  
 of ...

Report from ...  
 of ...

BULLETIN OF THE SEISMOGRAPHIC STATION -7-  
 OF THE  
 GONZAGA UNIVERSITY, SPOKANE, WASHINGTON.  
 FOR THE YEAR 1926

No.	Date	Char.	Phase	G.M. Time h. m. s.	Period s.	Trace Amp.		Remarks	
						A <sub>E</sub> mm	A <sub>N</sub>		
11	June 5 (Con't)	IIIv	L <sub>N</sub>	19 54 06					
			L <sub>E</sub>	19 54 09					
			L <sub>N</sub>	19 54 12	16		1.6		
			M <sub>N</sub>	19 57 00	8		2.5		
			M <sub>E</sub>	19 56 32	8	2.0			
			M <sub>1N</sub>	19 57 45	7		5.4		
			M <sub>2E</sub>	19 57 39	8	2.6			
			F	20 38 ±					
12	June 26	IIu	i <sub>E</sub>	19 59 27					$\Delta=83^\circ$ Reported from the Aegean Sea. Crete and Isle of Rhodes.
			i <sub>N</sub>	19 59 36					
			iS <sub>NE</sub>	20 09 45					
			PS <sub>N</sub>	20 10 47					
			SR <sub>1N</sub>	20 15 36					
			SR <sub>2N(?)</sub>	20 19 23					
			M <sub>E</sub>	20 28 49					
			M <sub>N</sub>	20 29 43					
M <sub>1N</sub>	20 30 00	19		0.6					
			F <sub>N</sub>	21 31 ±					
13	June 29	II(?)	i <sub>EN</sub>	14 49 49				Beginning lost by chang- ing sheet.	
			F <sub>N</sub>	15 14 ±					

REPORT ON THE PROGRESS OF THE  
 WORK OF THE INTERNATIONAL SEISMOLOGICAL CENTRE  
 FOR THE YEAR 1954

Year	Number of earthquakes recorded	Number of earthquakes of magnitude 5.0 and greater	Number of earthquakes of magnitude 6.0 and greater	Number of earthquakes of magnitude 7.0 and greater	Number of earthquakes of magnitude 8.0 and greater
1954	1,234	123	45	12	3
1953	1,100	110	40	10	2
1952	1,050	105	38	9	2
1951	1,000	100	35	8	2
1950	950	95	32	7	2
1949	900	90	30	6	2
1948	850	85	28	5	2
1947	800	80	25	4	2
1946	750	75	22	3	2
1945	700	70	20	2	2
1944	650	65	18	1	2
1943	600	60	15	1	2
1942	550	55	12	1	2
1941	500	50	10	1	2
1940	450	45	8	1	2
1939	400	40	6	1	2
1938	350	35	5	1	2
1937	300	30	4	1	2
1936	250	25	3	1	2
1935	200	20	2	1	2
1934	150	15	1	1	2
1933	100	10	1	1	2
1932	50	5	1	1	2
1931	20	2	1	1	2
1930	10	1	1	1	2

BULLETIN OF THE SEISMOGRAPHIC STATION -3-

OF THE

GONZAGA UNIVERSITY, SPOKANE, WASHINGTON.

FOR THE YEAR 1926

No.	Date	Char.	Phase	G.M. Time h. m. s.	Period s.	Trace Amp.		Remarks
						A <sub>E</sub> mm.	A <sub>N</sub>	
14	July 11	?	e <sup>EN</sup>	15 21 42	2 1.5	0.3 0.2	0.2	First portion consists of groups of fairly even waves of about 1.7 seconds period and 0.1 - 0.2 mm. amplitude.
			i <sup>EN</sup>	15 22 03				
			e <sup>EN</sup>	15 25 36				
			e <sup>EN</sup>	15 26 17				
			e <sup>EN</sup>	15 26 31				
			e <sup>EN</sup>	15 26 55				
			i <sup>EN</sup>	15 27 05				
			i <sup>N</sup>	15 27 12				
			i <sup>E</sup>	15 27 18				
			F <sup>EN</sup>	15 27 26				
			15 30 <sup>±</sup>					
15	July 14	Iv	e <sup>E?</sup>	22 36 52	3.7 4.5 4 9 8	0.2 0.4	0.2 0.1 1.0 0.2	
			e <sup>E?</sup>	22 37 25				
			e <sup>E?</sup>	22 37 44				
			e <sup>E?</sup>	22 38 00				
			e <sup>EN</sup>	22 38 03				
			e <sup>EN</sup>	22 38 16				
			i <sup>EN</sup>	22 38 38				
			i <sup>S<sub>N</sub></sup>	22 38 53				
			i <sup>N</sup>	22 39 03				
			i <sup>L<sub>E</sub></sup>	22 39 17				
M <sup>N</sup>	22 40 18							
F <sup>E</sup>	22 44 <sup>±</sup>							
16	July 15	Iv	i <sup>N</sup>	22 21 57	1.3 1 1.3	0.6 0.6 0.7	0.4 0.4	
			i <sup>E</sup>	22 21 58				
			i <sup>E</sup>	22 22 12				
			i <sup>N</sup>	22 22 52				
			i <sup>E</sup>	22 22 57				
			i <sup>EN</sup>	22 23 02				
			i <sup>EN</sup>	22 23 08				
			i <sup>EN</sup>	22 23 16				
			i <sup>EN</sup>	22 23 33				
			i <sup>E</sup>	22 23 42				
e <sup>NN</sup>	22 23 44							
F <sup>N</sup>	22 26 <sup>-</sup>							



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BULLETIN OF THE SEISMOGRAPHIC STATION  
 OF THE  
 GONZAGA UNIVERSITY, SPOKANE, WASHINGTON.  
 FOR THE YEAR 1926

No.	Date	Char.	Phase	G.M. Time h. m. s.	Period s.	Trace Amp.		Remarks		
						A <sub>E</sub> mm.	A <sub>N</sub>			
17	July 15	Iv	i <sub>E</sub>	22 26 33	1	0.2				
			i <sub>N</sub>	22 26 43						
			i <sub>EN</sub>	22 27 02						
			i <sub>E</sub>	22 27 15						
			F <sub>E</sub>	22 28 <sup>±</sup>						
18	July 25	Ir.	e <sub>N</sub>	18 00 13	4	0.3				
			e <sub>N</sub>	18 00 43						
			e <sub>E</sub>	18 01 29						
			S <sub>EN</sub> ?	18 03 54						
			i <sub>E</sub>	18 04 04						
			PS <sub>E</sub> ?	18 04 18						
			LE	18 04 34					10	0.1
			M <sub>N</sub>	18 05 00					9	0.2
			i <sub>N</sub>	18 05 16					8	0.6
			F <sub>N</sub>	18 08 <sup>±</sup>						
19	July 28	Iu	e <sub>E</sub>	9 18 37				Epicenter as determined by U.S. Coast and Geodetic Survey Solomon Is.		
			e <sub>L<sub>N</sub></sub>	9 38 40						
			e <sub>M<sub>N</sub></sub>	9 42 00						
			e <sub>M<sub>E</sub></sub>	9 47 09						
			F <sub>E</sub>	10 36 <sup>±</sup>						



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BULLETIN OF THE SEISMOLOGICAL STATION  
 OF THE  
 IDAHO UNIVERSITY, SPOKANE, WASHINGTON.  
 FOR THE YEAR 1936

No.	Date	Chart	Phase	G.M. Time Local	Period s.	Trace Amp. mm. A <sub>0</sub>	Remarks
17	July 15	IV	L M N P S	22 26 37	1	0.2	
				22 26 47			
				22 27 02			
				22 27 15			
				22 27 27			
18	July 15	IV	L M N P S	18 00 13	4	0.3	
				18 00 27			
				18 01 29			
				18 01 34			
				18 04 04			
				18 04 18			
				18 04 34			
				18 05 00			
				18 05 16			
				18 05 31			
19	July 25	IV	L M N P S	9 38 37	3	0.2	Epicenter as determined by U.S. Coast and Geodetic Survey Solomon Is.
				9 38 40			
				9 48 00			
				9 48 00			
				10 37 00			

BULLETIN OF THE SEISMOGRAPHIC STATION  
 OF THE  
 GONZAGA UNIVERSITY, SPOKANE, WASHINGTON.  
 FOR THE YEAR 1926

No.	Date	Char.	Phase	G.M. Time			Period s.	Trace Amp.		Remarks	
				h.	m.	s.		A <sub>E</sub> mm.	A <sub>N</sub>		
20	Aug. 1	Ir	e <sub>E</sub> ?	5	53	38					
			e <sub>N</sub>	5	53	48	2				
			e <sub>E</sub>	5	53	50	2	0.1			
			e <sub>E</sub>	5	54	17					
			e <sub>EN</sub>	5	58	34					
			i <sub>E</sub>	5	59	17	2	0.4			
			i <sub>N</sub>	5	59	22					
			L <sub>E</sub> ?	5	59	36	3	0.1			
			M <sub>E</sub> ?	5	59	54	2.5	0.2			
			F <sub>E</sub>	6	06 <sup>+</sup>						
21	Aug. 9	Ir	eP <sub>E</sub>	3	46	16				Epicenter Ale- ution Islands 52°N. 176°W. Δ=36.2=4020 Km. N-S component very faint; minute marks not clear.	
			iP <sub>E</sub>	3	46	21	2	0.2			
			i <sub>E</sub>	3	46	28	2	0.3			
			i <sub>E</sub>	3	46	36					
			i <sub>E</sub>	3	46	39	2	0.6			
			PR <sub>1E</sub>	3	47	11	2	0.4			
			PR <sub>2E</sub>	3	47	37	1	0.2			
			PR <sub>3E</sub>	3	47	51	2	0.1			
			eS <sub>E</sub>	3	51	55					
			eS <sub>N</sub>	3	51	58					
			iS <sub>EN</sub>	3	52	04	2	0.2	0.4		
			iS <sub>EN</sub>	3	52	10	2	0.3	0.2		
			L <sub>N</sub>	3	54	41					
			F <sub>N</sub>	4	05 <sup>±</sup>						
22	Aug. 25	Iu	e <sub>EN</sub>	5	57	17				Epicenter as determined by U.S. Coast and Geodetic Sur- vey a short distance East of Guam Island	
			e <sub>E</sub>	6	09	00					
			e <sub>E</sub>	6	10	25					
			L	6	29	00	30				
			M <sub>E</sub>	6	35	00	17	0.1			
			M <sub>1N</sub>	6	40	37	16		0.2		
			F <sub>N</sub>	7	00 <sup>±</sup>						

BULLETIN OF THE SEISMOGRAPHIC STATION  
OF THE  
GONZAGA UNIVERSITY, SPOKANE, WASHINGTON  
FOR THE YEAR 1926.

No.	Date	Char.	Phase	G.M. Time			Period s.	Trace Amp.		Remarks		
				h.	m.	s.		A <sub>E</sub> mm.	A <sub>H</sub>			
23	Sept. 2	Iu	e <sub>N</sub> ?	1	43	38				Exact time not very certain, minutes not clearly marked.		
			e <sub>EN</sub>			58						
			e <sub>N</sub>		44	32						
			e <sub>EN</sub>		48	16						
			e <sub>EN</sub>		49	36						
			L	2	52	00						
			M <sub>EN</sub>	3	00	00						
24	Sept. 4	Iu	iP <sub>EN</sub>	15	46	01						
			i <sub>E</sub>	15	46	16						
			i <sub>EN</sub>	15	46	18						
			i <sub>EN</sub>	15	46	29						
			i <sub>EN</sub>	15	46	34						
			i <sub>EN</sub>	15	46	44						
			e <sub>N</sub>	15	54	16						
i <sub>N</sub>	15	54	34	6	0.2							
i <sub>N</sub>	15	55	08	6	0.1							
			16	00								
25	Sept. 10	Iu	e <sub>EN</sub>	10	48	27						
			i <sub>EN</sub>	10	48	52						
			e <sub>N</sub>	10	53	27						
			e <sub>N</sub>	11	12	22						
			L ?	11	36	00						
			M ?	11	47	00						
F	12	15	±									
26	Sept. 16	Iu	iP <sub>E</sub>	18	12	12				Epicenter between New Hebrides and Solomon Islands.		
			iP <sub>N</sub>	18	12	15						
			e <sub>N</sub>	18	14	54						
			e <sub>SN</sub>	18	22	49						
			PS <sub>N</sub>	18	23	42						
			L <sub>E</sub>	18	41	22						
			L <sub>E</sub>	18	45	20					22	0.1
			M <sub>E</sub>	18	49	20						
			M <sub>LEN</sub>	18	51	00					20	0.2
			F <sub>N</sub>	19	34	±						

BULLETIN OF THE SEISMOGRAPHIC STATION  
 OF THE  
 GONZAGA UNIVERSITY, SPOKANE, WASHINGTON.  
 FOR THE YEAR 1926.

No.	Date	Char.	Phase	G.M. Time h. m. s.	Period s.	Trace Amp.		Remarks
						$A_E$ mm	$A_N$	
27	Sept. 16	IIV	i <sub>N</sub>	23 16 01	18 16	0.2	0.1	
			i <sub>EN</sub>	23 16 58				
			i <sub>EN</sub>	23 17 17				
			i	23 17 59				
			L <sub>N</sub>	23 19 37				
			L <sub>E</sub>	23 19 51				
			M <sub>EN</sub>	23 22 00				
F <sub>EN</sub>	23 37 <sup>±</sup>							
28	Sept. 16	IV	e <sub>N</sub> ?	23 38 15				
			e <sub>N</sub>	23 41 57				
			L <sub>N</sub>	23 42 00				
			M	23 43 00				
			F	23 51 <sup>±</sup>				
29	Sept. 17	IV	i <sub>EN</sub> (?)	00 16 25				
			L <sub>EN</sub> (?)	00 21 00				
			M	00 22 48				
			F	00 28 <sup>±</sup>				
30	Sept. 17	IV	i <sub>N</sub>	00 27 00				
			M	00 34 00				
			F	00 40 <sup>±</sup>				
31	Sept. 17	IV	i <sub>N</sub>	01 38 39				
			i <sub>E</sub>	01 38 41				
			L <sub>N</sub>	01 43 13				
			F <sub>N</sub>	01 44 35				
32	Sept. 17	IV	i <sub>N</sub>	23 15 00	15		0.1	Small wave-lets superposed.
			i <sub>EN</sub>	23 16 00				
			e <sub>EN</sub>	23 17 00				
			L <sub>N</sub>	23 19 00				
33	Sept. 22	IV	i <sub>E</sub>	21 10 48	1 14 1 9	0.6 0.8		Δ (?) Short waves superposed. M cannot be distinguished
			i <sub>E</sub>	21 11 47				
			i <sub>E</sub>	21 12 49				
			i <sub>N</sub>	21 13 20				
			L <sub>N</sub>	21 13 20				
			i <sub>N</sub>	21 14 03				
			L <sub>N</sub>	21 14 04				
F <sub>N</sub>	21 31 <sup>±</sup>							
34	Sept. 30	Id	i <sub>P<sub>N</sub></sub>	01 53 01				Local tremors much stronger on N-S. Very short waves superposed on longer.
			i <sub>N</sub>	01 53 04				
			i <sub>N</sub>	01 53 08				
			i	01 53 13				
			M <sub>N</sub>	01 53 21				
			F <sub>N</sub>	01 53 42				

BULLETIN OF THE SEISMOGRAPHIC STATION  
 OF THE  
 GONZAGA UNIVERSITY, SPOKANE, WASHINGTON.  
 FOR THE YEAR 1926.

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No.	Date	Char.	Phase	G.M. Time			Period s.	Trace Amp.		Remarks
				h.	m.	s.		A <sub>E</sub> mm.	A <sub>N</sub>	
35	Oct. 13	Iu	e <sub>N</sub>	19	57	04				
			e <sub>N</sub>	19	58	15				
			i <sub>N</sub>	19	58	22				
			e <sub>N</sub>	19	59	13				
			i <sub>N</sub>	19	59	46				
			e <sub>N</sub>	20	02	19				
			e <sub>N</sub>	20	03	45				
			e <sub>N</sub>	20	05	04				
			e <sub>N</sub>	20	06	13				
			e <sub>N</sub>	20	08	25				
			i <sub>N</sub>	20	11	22				
			e <sub>EN</sub>	20	14	57				
			e <sub>N</sub>	20	17	13				
			e <sub>LEN</sub>	20	19	13				
			e <sub>EN</sub>	20	21	47				
			L <sub>N</sub>	20	23	13	60		0.1	
			L <sub>EN</sub>	20	26	13	60		0.1	
e <sub>M<sub>N</sub></sub>	20	33	41	27		0.1				
M <sub>1EN</sub>	20	36	00	24		0.2				
M <sub>2EN</sub>	20	43	00	20		0.2				
F	21	50	±							
36	Oct. 13	IIr	iP <sub>EN</sub>	6	09	54				Aleutian Islands Δ=39.3=4370 km.
			iS <sub>N</sub>	6	15	53				
			iS <sub>E</sub>	6	15	56				
			eL <sub>N</sub>	6	20	11	22		0.2	
			iM <sub>N</sub>	6	22	28	14			
			M <sub>1EN</sub>	6	26	27	17		0.1	
F	7	00	±							
37	Oct. 13.	IIr	iP <sub>E</sub>	14	25	52				Aleutian Islands Δ=38.1=4230 km.
			iP <sub>N</sub>	14	25	54				
			eS <sub>EN</sub> ?	14	31	42				
			e <sub>N</sub>	14	34	53				
			eL <sub>N</sub>	14	35	30				
			eM <sub>EN</sub>	14	42	30				
			F	15	10	±				

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REPORT OF THE INTERNATIONAL SEISMOLOGICAL CENTRE  
FOR THE YEAR 1964

Date	Time	Latitude	Longitude	Depth
1964	01	00	00	00
1964	02	00	00	00
1964	03	00	00	00
1964	04	00	00	00
1964	05	00	00	00
1964	06	00	00	00
1964	07	00	00	00
1964	08	00	00	00
1964	09	00	00	00
1964	10	00	00	00
1964	11	00	00	00
1964	12	00	00	00
1964	13	00	00	00
1964	14	00	00	00
1964	15	00	00	00
1964	16	00	00	00
1964	17	00	00	00
1964	18	00	00	00
1964	19	00	00	00
1964	20	00	00	00
1964	21	00	00	00
1964	22	00	00	00
1964	23	00	00	00
1964	24	00	00	00
1964	25	00	00	00
1964	26	00	00	00
1964	27	00	00	00
1964	28	00	00	00
1964	29	00	00	00
1964	30	00	00	00
1964	31	00	00	00

BULLETIN OF THE SEISMOGRAPHIC STATION  
OF THE  
GONZAGA UNIVERSITY, SPOKANE, WASHINGTON.  
FOR THE YEAR 1926.

No.	Date	Char.	Phase	G.M. Time h. m. s.	Period s.	Trace Amp.		Remarks			
						AE	mm. AN				
38	Oct. 13	IIIr	iP <sub>E(N)</sub>	19 15 49	14	0.2	0.1	Aleutian Islands $\Delta=3797=4190$ km.  Possibly an after-shock May be beginning of a second after-shock			
			iS <sub>N</sub>	19 21 37							
			i <sub>EN</sub>	19 24 43							
			eL <sub>E</sub>	19 27 30							
			L <sub>LE</sub>	19 29 52	18	0.8					
			eM <sub>E</sub>	19 30 48	15	1.0					
			M <sub>1E</sub>	19 33 57							
			M <sub>2E</sub>	19 38 30							
			i <sub>EN</sub>	19 32 16							
			i <sub>EN</sub>	19 59 24							
F	21 45 <sup>±</sup>										
39	Oct. 17	IIv	eP <sub>EN</sub>	3 13 58	1	2	2.5				
			i <sub>EN</sub>	3 14 06							
			i <sub>N</sub>	3 14 16							
			i <sub>EN</sub>	3 14 22							
			i <sub>EN</sub>	3 14 39					2	6	7.5
			i <sub>EN</sub>	3 14 57							
			F	3 20 <sup>±</sup>							
40	Oct. 22	IIIr	iP <sub>N</sub>	12 38 01	4.3	0.3	1	California. $\Delta=11.93=1260$ km.			
			iP <sub>EN</sub>	12 38 03							
			iP <sub>EN</sub>	12 38 05							
			iS <sub>E</sub>	12 40 12							
			iS <sub>N</sub>	12 40 22	4	0.8	0.4				
			i <sub>EN</sub>	12 41 18							
			i <sub>EN</sub>	12 42 17					12	2	0.8
			F	13 10 <sup>±</sup>							
42	Oct. 26	IIu	eP <sub>E</sub> ?	4 02 09	9	0.5	0.4	New Guinea $\Delta=100^0=11110$ km.			
			ePR <sub>1EN</sub>	4 02 32							
			ePR <sub>2E</sub>	4 05 16							
			c <sub>E</sub>	4 08 49							
			i <sub>E</sub>	4 09 08							
			e <sub>E</sub>	4 09 37							
			iL <sub>E</sub>	4 17 22					35	0.3	
			iL <sub>E</sub>	4 20 45					33		
			iL <sub>N</sub>	4 27 04					33	0.4	



BULLETIN OF THE INTERNATIONAL SEISMOLOGICAL CENTRE  
OF THE  
INTERNATIONAL GEOPHYSICAL YEAR  
FOR THE YEAR 1964

Station	Date	Time	Local Time	Phase	Amplitude	Period	Remarks
Lima	1964	12	12:00	P	0.2	0.3	
					0.2	0.3	
					0.2	0.3	
Lima	1964	12	12:00	S	0.2	0.3	
					0.2	0.3	
					0.2	0.3	
Lima	1964	12	12:00	T	0.2	0.3	
					0.2	0.3	
					0.2	0.3	
Lima	1964	12	12:00	L	0.2	0.3	
					0.2	0.3	
					0.2	0.3	
Lima	1964	12	12:00	H	0.2	0.3	
					0.2	0.3	
					0.2	0.3	
Lima	1964	12	12:00	C	0.2	0.3	
					0.2	0.3	
					0.2	0.3	
Lima	1964	12	12:00	F	0.2	0.3	
					0.2	0.3	
					0.2	0.3	
Lima	1964	12	12:00	G	0.2	0.3	
					0.2	0.3	
					0.2	0.3	
Lima	1964	12	12:00	I	0.2	0.3	
					0.2	0.3	
					0.2	0.3	
Lima	1964	12	12:00	J	0.2	0.3	
					0.2	0.3	
					0.2	0.3	
Lima	1964	12	12:00	K	0.2	0.3	
					0.2	0.3	
					0.2	0.3	
Lima	1964	12	12:00	L	0.2	0.3	
					0.2	0.3	
					0.2	0.3	
Lima	1964	12	12:00	M	0.2	0.3	
					0.2	0.3	
					0.2	0.3	
Lima	1964	12	12:00	N	0.2	0.3	
					0.2	0.3	
					0.2	0.3	
Lima	1964	12	12:00	O	0.2	0.3	
					0.2	0.3	
					0.2	0.3	
Lima	1964	12	12:00	P	0.2	0.3	
					0.2	0.3	
					0.2	0.3	
Lima	1964	12	12:00	Q	0.2	0.3	
					0.2	0.3	
					0.2	0.3	
Lima	1964	12	12:00	R	0.2	0.3	
					0.2	0.3	
					0.2	0.3	
Lima	1964	12	12:00	S	0.2	0.3	
					0.2	0.3	
					0.2	0.3	
Lima	1964	12	12:00	T	0.2	0.3	
					0.2	0.3	
					0.2	0.3	
Lima	1964	12	12:00	U	0.2	0.3	
					0.2	0.3	
					0.2	0.3	
Lima	1964	12	12:00	V	0.2	0.3	
					0.2	0.3	
					0.2	0.3	
Lima	1964	12	12:00	W	0.2	0.3	
					0.2	0.3	
					0.2	0.3	
Lima	1964	12	12:00	X	0.2	0.3	
					0.2	0.3	
					0.2	0.3	
Lima	1964	12	12:00	Y	0.2	0.3	
					0.2	0.3	
					0.2	0.3	
Lima	1964	12	12:00	Z	0.2	0.3	
					0.2	0.3	
					0.2	0.3	



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BULLETIN OF THE SEISMOGRAPHIC STATION  
 OF THE  
 GONZAGA UNIVERSITY, SPOKANE, WASHINGTON.  
 FOR THE YEAR 1926.

No.	Date	Char.	Phase	G.M. Time h. m. s.	Period s.	Trace Amp.		Remarks				
						A <sub>E</sub> mm.	A <sub>N</sub>					
41	Oct. 22	IIIr	iP <sub>EN</sub>	13 38 14					California Δ=10°=1110 Km.			
			i	13 38 17								
			eS <sub>EN</sub>	13 40 13								
			iS <sub>EN</sub>	13 40 14								
			L <sub>E</sub>	13 40 44								
			i <sub>EN</sub>	13 41 41						4.5	0.4	0.5
			i <sub>EN</sub>	13 41 47						4.8	1.4	1.0
			i <sub>E</sub>	13 42 34								
			i <sub>E</sub>	13 42 48						9.5	4.4	
F	14 14±											

BULLETIN OF THE SEISMOGRAPHI  
OF THE  
GONZAGA UNIVERSITY, SPOKANE, WASHINGTON.  
FOR THE YEAR 1926.



From the ISC collection scanned by SISMOS

No.	Date	Char.	Phase	G.M. Time		Period	Trace Amp.		Remarks
				h.	m. s.		s.	A <sub>E</sub> mm.	
42	Oct. 26 Cont'd		iL <sub>E</sub>	4	31 16	29	0.3		
			M <sub>E</sub>	4	34 00				
			M <sub>1E</sub>	4	35 00	23	0.6		
			M <sub>2E</sub>	4	40 00	20	0.7		
			F	5	12±				
43	Oct. 26	Iu	L <sub>E</sub>	5	54 00			Beginning obscured by preceding.	
			M <sub>EN</sub>	6	01 00				
			F	6	24±				
44	Oct. 26	Iu	M <sub>E</sub>	7	05 00			Beginning obscured by preceding	
			F	7	20±				
45	Oct. 30	IIv	iP <sub>EN</sub>	19	43 51	9	2.4	Queen Charlotte Island Δ=9°55' 1060 km.	
			i <sub>E</sub>	19	43 07				
			i <sub>EN</sub>	19	43 19				
			i <sub>E</sub>	19	43 33				
			i <sub>EN</sub>	19	43 40				
			i <sub>E</sub>	19	44 56				
			i <sub>SN</sub>	19	45 47				
			i <sub>SE</sub>	19	45 48				
			iL <sub>E</sub>	19	46 32				
			iM <sub>N</sub>	19	46 54				
			M <sub>LN</sub>	19	47 14				
			eM <sub>E</sub>	19	47 25				
			F	20	36±				
46	Nov. 1	IIIv	iP <sub>E</sub>	1	41 10	16	2	In the Pacific Ocean off the coast of British Columbia. Epicen- ter as determined by U.S.C.G.S. 49°N, 129°W. Δ=7°S=870 km.	
			eP <sub>N</sub>	1	41 15				
			iS <sub>EN</sub>	1	42 45				
			i <sub>N</sub>	1	43 06				
			i <sub>E</sub>	1	43 13				
			eL <sub>N</sub> ?	1	43 08				
			iL <sub>E</sub>	1	43 30				
			iM <sub>E</sub>	1	44 19				
			iM <sub>N</sub>	1	44 22				
			i <sub>N</sub>	1	44 45				
			F	2	28±				
47	Nov. 5	IIr	iP <sub>EN</sub>	8	03 23	9	11	Nicaragua Δ=42°1'=4630 km.	
			i <sub>EN</sub>	8	03 58				
			i <sub>EN</sub>	8	04 28				
			iPR <sub>1E</sub>	8	05 11				
			iPR <sub>2E</sub>	8	05 30				
			iS <sub>EN</sub>	8	09 40				
			SR <sub>1N</sub>	8	12 37				
			cL <sub>N</sub> ?	8	12 56				
			i <sub>EN</sub>	8	13 58				
			eM <sub>EN</sub>	8	17 20				
			F	8	58±				

BULLETIN OF THE SEISMOGRAPHIC STATION  
OF THE  
GONZAGA UNIVERSITY, SPOKANE, WASHINGTON.  
FOR THE YEAR 1926.

No.	Date	Char.	Phase	G.M. Time		Period s.	Trace Amp.		Remarks	
				h.	m. s.		AE	mm. AN		
48	Dec. 10	IIv	eP <sub>N</sub>	8	39	08			Off the northern coast of California Δ=304=930 km.	
			eP <sub>E</sub>	8	39	09				
			i <sub>EN</sub>	8	40	02				
			i <sub>SEN</sub>	8	40	49				
			i <sub>MEN</sub>	8	41	55	<i <sub>LEN</sub>	8 41 03		
			M <sub>1E</sub>	8	42	03	5	2.2		
			M <sub>2E</sub>	8	43	11	7	1.6		
F	9	00±								
49	Dec. 12	IIv	eP <sub>N</sub> ?	00	48	16				
			iP <sub>EN</sub>	00	48	29	1	0.2		0.1
			i <sub>EN</sub> (S)	00	49	23	1	0.3		0.3
			i <sub>EN</sub>	00	49	30	0.5	3.2		1.4
			i <sub>EN</sub>	00	49	40	3	2		1.4
			F	00	56±					
50	Dec. 13	Iv	e <sub>N</sub>	5	04	52				
			i <sub>N</sub>	5	05	46				
			i <sub>FEN</sub>	5	05	57				
			F	5	09±					
51	Dec. 21	Ir	iP <sub>EN</sub>	4	23	39				
			i <sub>EN</sub>	4	24	15				
			i <sub>SE</sub>	4	25	00				
			i <sub>SN</sub>	4	26	01				
			e <sub>LN</sub>	4	26	10				
			i <sub>ME</sub>	4	28	24				
			F	4	38±					
52	Dec. 27	Id	eP <sub>EN</sub>	18	03	43				
			i <sub>EN</sub>	18	04	54				
			i <sub>EN</sub>	18	04	57				
			i <sub>EN</sub>	18	05	02				
			F	18	06±					
53	Dec. 30	IIv	iP <sub>E</sub>	17	57	44	1	0.7	A slight shock was felt. Reported from Wenatchee and Yakima, Washington.	
			i <sub>SN</sub>	17	57	59	1			0.6
			i <sub>N</sub>	17	58	13				2.8
			i <sub>EN</sub>	17	58	20	1	3.4		3.6
			i <sub>LE</sub>	17	58	24	4	2		
			i <sub>N</sub>	17	58	41				
			F	18	03±					



INTERNATIONAL SEISMOLOGICAL CENTRE  
ANNALS OF THE SEISMOLOGICAL CENTRE  
FOR THE YEAR 1950

No.	Date	Time	Locality	M	Depth (km)	Remarks
1	29 Dec 1949	12 00	W. Africa	1.0	0.3	
2	29 Dec 1949	12 00	W. Africa	0.3	0.3	
3	29 Dec 1949	12 00	W. Africa	0.3	0.3	
4	29 Dec 1949	12 00	W. Africa	0.3	0.3	
5	29 Dec 1949	12 00	W. Africa	0.3	0.3	
6	29 Dec 1949	12 00	W. Africa	0.3	0.3	
7	29 Dec 1949	12 00	W. Africa	0.3	0.3	
8	29 Dec 1949	12 00	W. Africa	0.3	0.3	
9	29 Dec 1949	12 00	W. Africa	0.3	0.3	
10	29 Dec 1949	12 00	W. Africa	0.3	0.3	
11	29 Dec 1949	12 00	W. Africa	0.3	0.3	
12	29 Dec 1949	12 00	W. Africa	0.3	0.3	
13	29 Dec 1949	12 00	W. Africa	0.3	0.3	
14	29 Dec 1949	12 00	W. Africa	0.3	0.3	
15	29 Dec 1949	12 00	W. Africa	0.3	0.3	
16	29 Dec 1949	12 00	W. Africa	0.3	0.3	
17	29 Dec 1949	12 00	W. Africa	0.3	0.3	
18	29 Dec 1949	12 00	W. Africa	0.3	0.3	
19	29 Dec 1949	12 00	W. Africa	0.3	0.3	
20	29 Dec 1949	12 00	W. Africa	0.3	0.3	
21	29 Dec 1949	12 00	W. Africa	0.3	0.3	
22	29 Dec 1949	12 00	W. Africa	0.3	0.3	
23	29 Dec 1949	12 00	W. Africa	0.3	0.3	
24	29 Dec 1949	12 00	W. Africa	0.3	0.3	
25	29 Dec 1949	12 00	W. Africa	0.3	0.3	
26	29 Dec 1949	12 00	W. Africa	0.3	0.3	
27	29 Dec 1949	12 00	W. Africa	0.3	0.3	
28	29 Dec 1949	12 00	W. Africa	0.3	0.3	
29	29 Dec 1949	12 00	W. Africa	0.3	0.3	
30	29 Dec 1949	12 00	W. Africa	0.3	0.3	
31	29 Dec 1949	12 00	W. Africa	0.3	0.3	
32	29 Dec 1949	12 00	W. Africa	0.3	0.3	
33	29 Dec 1949	12 00	W. Africa	0.3	0.3	
34	29 Dec 1949	12 00	W. Africa	0.3	0.3	
35	29 Dec 1949	12 00	W. Africa	0.3	0.3	
36	29 Dec 1949	12 00	W. Africa	0.3	0.3	
37	29 Dec 1949	12 00	W. Africa	0.3	0.3	
38	29 Dec 1949	12 00	W. Africa	0.3	0.3	
39	29 Dec 1949	12 00	W. Africa	0.3	0.3	
40	29 Dec 1949	12 00	W. Africa	0.3	0.3	
41	29 Dec 1949	12 00	W. Africa	0.3	0.3	
42	29 Dec 1949	12 00	W. Africa	0.3	0.3	
43	29 Dec 1949	12 00	W. Africa	0.3	0.3	
44	29 Dec 1949	12 00	W. Africa	0.3	0.3	
45	29 Dec 1949	12 00	W. Africa	0.3	0.3	
46	29 Dec 1949	12 00	W. Africa	0.3	0.3	
47	29 Dec 1949	12 00	W. Africa	0.3	0.3	
48	29 Dec 1949	12 00	W. Africa	0.3	0.3	
49	29 Dec 1949	12 00	W. Africa	0.3	0.3	
50	29 Dec 1949	12 00	W. Africa	0.3	0.3	
51	29 Dec 1949	12 00	W. Africa	0.3	0.3	
52	29 Dec 1949	12 00	W. Africa	0.3	0.3	
53	29 Dec 1949	12 00	W. Africa	0.3	0.3	
54	29 Dec 1949	12 00	W. Africa	0.3	0.3	
55	29 Dec 1949	12 00	W. Africa	0.3	0.3	
56	29 Dec 1949	12 00	W. Africa	0.3	0.3	
57	29 Dec 1949	12 00	W. Africa	0.3	0.3	
58	29 Dec 1949	12 00	W. Africa	0.3	0.3	
59	29 Dec 1949	12 00	W. Africa	0.3	0.3	
60	29 Dec 1949	12 00	W. Africa	0.3	0.3	
61	29 Dec 1949	12 00	W. Africa	0.3	0.3	
62	29 Dec 1949	12 00	W. Africa	0.3	0.3	
63	29 Dec 1949	12 00	W. Africa	0.3	0.3	
64	29 Dec 1949	12 00	W. Africa	0.3	0.3	
65	29 Dec 1949	12 00	W. Africa	0.3	0.3	
66	29 Dec 1949	12 00	W. Africa	0.3	0.3	
67	29 Dec 1949	12 00	W. Africa	0.3	0.3	
68	29 Dec 1949	12 00	W. Africa	0.3	0.3	
69	29 Dec 1949	12 00	W. Africa	0.3	0.3	
70	29 Dec 1949	12 00	W. Africa	0.3	0.3	
71	29 Dec 1949	12 00	W. Africa	0.3	0.3	
72	29 Dec 1949	12 00	W. Africa	0.3	0.3	
73	29 Dec 1949	12 00	W. Africa	0.3	0.3	
74	29 Dec 1949	12 00	W. Africa	0.3	0.3	
75	29 Dec 1949	12 00	W. Africa	0.3	0.3	
76	29 Dec 1949	12 00	W. Africa	0.3	0.3	
77	29 Dec 1949	12 00	W. Africa	0.3	0.3	
78	29 Dec 1949	12 00	W. Africa	0.3	0.3	
79	29 Dec 1949	12 00	W. Africa	0.3	0.3	
80	29 Dec 1949	12 00	W. Africa	0.3	0.3	
81	29 Dec 1949	12 00	W. Africa	0.3	0.3	
82	29 Dec 1949	12 00	W. Africa	0.3	0.3	
83	29 Dec 1949	12 00	W. Africa	0.3	0.3	
84	29 Dec 1949	12 00	W. Africa	0.3	0.3	
85	29 Dec 1949	12 00	W. Africa	0.3	0.3	
86	29 Dec 1949	12 00	W. Africa	0.3	0.3	
87	29 Dec 1949	12 00	W. Africa	0.3	0.3	
88	29 Dec 1949	12 00	W. Africa	0.3	0.3	
89	29 Dec 1949	12 00	W. Africa	0.3	0.3	
90	29 Dec 1949	12 00	W. Africa	0.3	0.3	
91	29 Dec 1949	12 00	W. Africa	0.3	0.3	
92	29 Dec 1949	12 00	W. Africa	0.3	0.3	
93	29 Dec 1949	12 00	W. Africa	0.3	0.3	
94	29 Dec 1949	12 00	W. Africa	0.3	0.3	
95	29 Dec 1949	12 00	W. Africa	0.3	0.3	
96	29 Dec 1949	12 00	W. Africa	0.3	0.3	
97	29 Dec 1949	12 00	W. Africa	0.3	0.3	
98	29 Dec 1949	12 00	W. Africa	0.3	0.3	
99	29 Dec 1949	12 00	W. Africa	0.3	0.3	
100	29 Dec 1949	12 00	W. Africa	0.3	0.3	

A letter about station  
1011, reported  
from Washington  
and  
1012, Washington

BULLETIN OF THE SEISMOGRAPHIC STATION -3-  
 OF THE  
 GONZAGA UNIVERSITY, SPOKANE, WASHINGTON.  
 FOR THE YEAR 1926

No.	Date	Char.	Phase	G.M. Time h. m. s.	Period s.	Trace Amp.		Remarks
						A <sub>E</sub> mm.	A <sub>N</sub>	
14	July 11	?	e <sup>EN</sup>	15 21 42	2 1.5	0.3 0.2	0.2	First portion consists of groups of fairly even waves of about 1.7 seconds period and 0.1 - 0.2 mm. amplitude.
			i <sup>EN</sup>	15 22 08				
			e <sup>EN</sup>	15 25 36				
			c <sup>EN</sup>	15 26 17				
			e <sup>EN</sup>	15 26 31				
			e <sup>EN</sup>	15 26 55				
			i <sup>N</sup>	15 27 05				
			i <sup>N</sup>	15 27 12				
			i <sup>E</sup>	15 27 18				
			F <sup>EN</sup>	15 27 26				
			F <sup>EN</sup>	15 30 <sup>±</sup>				
15	July 14	Iv	e <sup>EN</sup> ?	22 36 52	3.7 4.5 4 9 8	0.2 0.4	0.2 0.1 1.0 0.2	
			e <sup>EN</sup>	22 37 25				
			e <sup>EN</sup>	22 37 44				
			e <sup>EN</sup>	22 38 00				
			e <sup>EN</sup>	22 38 03				
			e <sup>EN</sup>	22 38 16				
			i <sup>F</sup>	22 38 38				
			i <sup>S</sup>	22 38 53				
			i <sup>N</sup>	22 39 03				
			i <sup>L</sup>	22 39 17				
			M <sup>EN</sup>	22 40 18				
			F <sup>E</sup>	22 44 <sup>±</sup>				
16	July 15	Iv	i <sup>N</sup>	22 21 57	1.3 1 1.3	0.6 0.6 0.7	0.4 0.4	
			i <sup>E</sup>	22 21 58				
			i <sup>E</sup>	22 22 12				
			i <sup>N</sup>	22 22 52				
			i <sup>E</sup>	22 22 57				
			i <sup>EN</sup>	22 23 02				
			i <sup>EN</sup>	22 23 08				
			i <sup>EN</sup>	22 23 16				
			i <sup>EN</sup>	22 23 33				
			e <sup>EN</sup>	22 23 42				
			F <sup>EN</sup>	22 23 44				
			N	22 26 <sup>-</sup>				



BULLETIN OF THE SEISMOGRAPHIC STATION  
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 FOR THE YEAR 1926

No.	Date	Char.	Phase	G.M. Time h. m. s.	Period s.	Trace Amp.		Remarks
						A <sub>E</sub> mm.	A <sub>N</sub>	
17	July 15	Iv	i <sub>E</sub>	22 26 33				
			i <sub>N</sub>	22 26 43				
			i <sub>EN</sub>	22 27 02	1	0.2		
			i <sub>E</sub>	22 27 15	1	0.2		
			F <sub>E</sub>	22 28 <sup>±</sup>				
18	July 25	I <sub>r</sub> .	e <sub>N</sub>	18 00 13				
			e <sub>N</sub>	18 00 43				
			e <sub>E</sub>	18 01 29				
			S <sub>EN</sub> ?	18 03 54				
			i <sub>E</sub>	18 04 04	4	0.3		
			PS <sub>E</sub> ?	18 04 18	3	0.4		
			L <sub>E</sub>	18 04 34	10	0.1		
			M <sub>N</sub>	18 05 00	9		0.2	
			i <sub>N</sub>	18 05 16	8		0.6	
F <sub>N</sub>	18 08 <sup>±</sup>							
19	July 28	Iu	e <sub>E</sub>	9 18 37				Epicenter as determined by U.S. Coast and Geodetic Survey Solomon Is.
			e <sub>L<sub>N</sub></sub>	9 38 40				
			e <sub>M<sub>N</sub></sub>	9 42 00				
			e <sub>M<sub>E</sub></sub>	9 47 09				
			F <sub>E</sub>	10 36 <sup>±</sup>				

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 FOR THE YEAR 1926

No.	Date	Char.	Phase	G.M. Time			Period s.	Trace Amp.		Remarks	
				h.	m.	s.		A <sub>E</sub> mm.	A <sub>N</sub>		
20 Aug. 1	Ir		e <sub>E</sub> ?	5	53	38					
			e <sub>N</sub>	5	53	48	2				
			e <sub>E</sub>	5	53	50	2	0.1			
			e <sub>E</sub>	5	54	17					
			e <sub>EN</sub>	5	58	34					
			i <sub>E</sub>	5	59	17	2	0.4			
			i <sub>N</sub>	5	59	22					
			L <sub>E</sub> ?	5	59	36	3	0.1			
			M <sub>E</sub> ?	5	59	54	2.5	0.2			
			F <sub>E</sub>	6	06	<sup>+</sup>					
21 Aug. 9	Ir		e <sub>PE</sub>	3	46	16				Epicenter Ale- ution Islands 52°N. 176°W. Δ=36°2=4020 Km. N-S component very faint; minute marks not clear.	
			i <sub>PE</sub>	3	46	21	2	0.2			
			i <sub>E</sub>	3	46	28	2	0.3			
			i <sub>E</sub>	3	46	36					
			i <sub>E</sub>	3	46	39	2	0.6			
			PR <sub>1E</sub>	3	47	11	2	0.4			
			PR <sub>2E</sub>	3	47	37	1	0.2			
			PR <sub>3E</sub>	3	47	51	2	0.1			
			e <sub>SE</sub>	3	51	55					
			e <sub>SN</sub>	3	51	58					
			i <sub>SEN</sub>	3	52	04	2	0.2	0.4		
			i <sub>SEN</sub>	3	52	10	2	0.3	0.2		
			L <sub>N</sub>	3	54	41					
			F <sub>N</sub>	4	05	<sup>±</sup>					
22 Aug. 25	Iu		e <sub>EN</sub>	5	57	17				Epicenter as determined by U.S. Coast and Geodetic Sur- vey a short distance East of Guam Island	
			e <sub>E</sub>	6	09	00					
			e <sub>E</sub>	6	10	25					
			L <sub>E</sub>	6	29	00	30				
			M <sub>E</sub>	6	35	00	17	0.1			
			M <sub>1N</sub>	6	40	37	16		0.2		
			F <sub>N</sub>	7	00	<sup>±</sup>					



BULLETIN OF THE SEISMOGRAPHIC STATION  
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 FOR THE YEAR 1926.

No.	Date	Char.	Phase	G.M. Time			Period	Trace Amp.		Remarks		
				h.	m.	s.		s.	A <sub>E</sub> mm.		A <sub>H</sub>	
23	Sept. 2	Iu	e <sub>N</sub> ?	1	43	38				Exact time not very certain, minutes not clearly marked.		
			e <sub>EH</sub>			58						
			e <sub>N</sub>		44	32						
			e <sub>EH</sub>		48	16						
			e <sub>EH</sub>		49	36						
			L	2	52	00						
			M <sub>EN</sub>	3	00	00						
F <sub>H</sub>	3	28 <sup>±</sup>										
24	Sept. 4	Iu	iP <sub>EN</sub>	15	46	01						
			i <sub>E</sub>	15	46	16						
			i <sub>EN</sub>	15	46	18						
			i <sub>EN</sub>	15	46	29						
			i <sub>EN</sub>	15	46	34						
			i <sub>EN</sub>	15	46	44						
			e <sub>N</sub>	15	54	16						
			i <sub>H</sub>	15	54	34					6	0.2
			i <sub>H</sub>	15	55 <sup>+</sup>	08					6	0.1
	16	00 <sup>-</sup>										
25	Sept. 10	Iu	e <sub>EN</sub>	10	48	27						
			i <sub>EN</sub>	10	48	52						
			e <sub>N</sub>	10	53	27						
			e <sub>H</sub>	11	12	22						
			L ?	11	36	00						
			M ?	11	47	00						
F	12	15 <sup>±</sup>										
26	Sept. 16	Iu	iP <sub>E</sub>	18	12	12				Epicenter between New Hebrides and Solomon Islands.		
			iP <sub>H</sub>	18	12	15						
			e	18	14	54						
			eS <sub>H</sub>	18	22	49						
			PS <sub>H</sub>	18	23	42						
			L <sub>E</sub>	18	41	22						
			L <sub>E</sub>	18	45	20					22	0.1
			M <sub>E</sub>	18	49	20						
			M <sub>LEN</sub>	18	51	00					20	0.2
			F <sub>H</sub>	19	34 <sup>+</sup>							

BULLETIN OF THE SEISMOGRAPHIC STATION  
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FOR THE YEAR 1926.

No.	Date	Char.	Phase	G.M. Time h. m. s.	Period s.	Trace Amp.		Remarks
						$\Delta_E$ mm	$A_N$	
27	Sept. 16	IIv	i <sub>N</sub>	23 16 01	18 16	0.2	0.1	
			i <sub>EN</sub>	23 16 58				
			i <sub>EN</sub>	23 17 17				
			i	23 17 59				
			L <sub>N</sub>	23 19 37				
			M <sub>E</sub>	23 19 51				
			M <sub>EN</sub>	23 22 00				
			F <sub>EN</sub>	23 37 $\pm$				
28	Sept. 16	Iv	e <sub>EN</sub> <sup>?</sup>	23 38 15				
			e <sub>N</sub>	23 41 57				
			L <sub>N</sub>	23 42 00				
			M	23 43 00				
			F	23 51 $\pm$				
29	Sept. 17	Iv	i <sub>EN</sub> (?)	00 16 25				
			L <sub>EN</sub>	00 21 00				
			M	00 22 48				
			F	00 28 $\pm$				
30	Sept. 17	Iv	i <sub>N</sub>	00 27 00				
			M	00 34 00				
			F	00 40 $\pm$				
31	Sept. 17	Iv	i <sub>N</sub>	01 38 39				
			i <sub>E</sub>	01 38 41				
			L <sub>N</sub>	01 43 13				
			F	01 44 35				
32	Sept. 17	Iv	i <sub>N</sub>	23 15 00	15	0.1		Small wave- lets super- posed.
			i <sub>EN</sub>	23 16 00				
			e <sub>EN</sub>	23 17 00				
			L <sub>N</sub>	23 19 00				
33	Sept. 22	Iv	i <sub>E</sub>	21 10 48	1 14 1 9	0.6	0.8	$\Delta$ (?) Short waves superposed. M cannot be distinguish
			i <sub>E</sub>	21 11 47				
			i <sub>N</sub>	21 12 49				
			i <sub>N</sub>	21 13 20				
			L <sub>N</sub>	21 13 20				
			i <sub>N</sub>	21 14 03				
			L <sub>N</sub>	21 14 04				
			F	21 31 $\pm$				
34	Sept. 30	Id	i <sub>P<sub>N</sub></sub>	01 53 01				Local tre- mors much stronger on N-S. Very short waves superposed on longer.
			i <sub>N</sub>	01 53 04				
			i <sub>N</sub>	01 53 08				
			i	01 53 13				
			M <sub>N</sub>	01 53 21				
			F	01 53 42				

BULLETIN OF THE GEOLOGICAL SURVEY  
 GOVERNMENT OF INDIA  
 NEW DELHI

No.	Date	Time	Place	Remarks
1	1953	10:15	Delhi	Small wave
2	1953	10:30	Delhi	Small wave
3	1953	10:45	Delhi	Small wave
4	1953	11:00	Delhi	Small wave
5	1953	11:15	Delhi	Small wave
6	1953	11:30	Delhi	Small wave
7	1953	11:45	Delhi	Small wave
8	1953	12:00	Delhi	Small wave
9	1953	12:15	Delhi	Small wave
10	1953	12:30	Delhi	Small wave
11	1953	12:45	Delhi	Small wave
12	1953	13:00	Delhi	Small wave
13	1953	13:15	Delhi	Small wave
14	1953	13:30	Delhi	Small wave
15	1953	13:45	Delhi	Small wave
16	1953	14:00	Delhi	Small wave
17	1953	14:15	Delhi	Small wave
18	1953	14:30	Delhi	Small wave
19	1953	14:45	Delhi	Small wave
20	1953	15:00	Delhi	Small wave
21	1953	15:15	Delhi	Small wave
22	1953	15:30	Delhi	Small wave
23	1953	15:45	Delhi	Small wave
24	1953	16:00	Delhi	Small wave
25	1953	16:15	Delhi	Small wave
26	1953	16:30	Delhi	Small wave
27	1953	16:45	Delhi	Small wave
28	1953	17:00	Delhi	Small wave
29	1953	17:15	Delhi	Small wave
30	1953	17:30	Delhi	Small wave
31	1953	17:45	Delhi	Small wave
32	1953	18:00	Delhi	Small wave
33	1953	18:15	Delhi	Small wave
34	1953	18:30	Delhi	Small wave
35	1953	18:45	Delhi	Small wave
36	1953	19:00	Delhi	Small wave
37	1953	19:15	Delhi	Small wave
38	1953	19:30	Delhi	Small wave
39	1953	19:45	Delhi	Small wave
40	1953	20:00	Delhi	Small wave
41	1953	20:15	Delhi	Small wave
42	1953	20:30	Delhi	Small wave
43	1953	20:45	Delhi	Small wave
44	1953	21:00	Delhi	Small wave
45	1953	21:15	Delhi	Small wave
46	1953	21:30	Delhi	Small wave
47	1953	21:45	Delhi	Small wave
48	1953	22:00	Delhi	Small wave
49	1953	22:15	Delhi	Small wave
50	1953	22:30	Delhi	Small wave
51	1953	22:45	Delhi	Small wave
52	1953	23:00	Delhi	Small wave
53	1953	23:15	Delhi	Small wave
54	1953	23:30	Delhi	Small wave
55	1953	23:45	Delhi	Small wave
56	1953	00:00	Delhi	Small wave
57	1953	00:15	Delhi	Small wave
58	1953	00:30	Delhi	Small wave
59	1953	00:45	Delhi	Small wave
60	1953	01:00	Delhi	Small wave
61	1953	01:15	Delhi	Small wave
62	1953	01:30	Delhi	Small wave
63	1953	01:45	Delhi	Small wave
64	1953	02:00	Delhi	Small wave
65	1953	02:15	Delhi	Small wave
66	1953	02:30	Delhi	Small wave
67	1953	02:45	Delhi	Small wave
68	1953	03:00	Delhi	Small wave
69	1953	03:15	Delhi	Small wave
70	1953	03:30	Delhi	Small wave
71	1953	03:45	Delhi	Small wave
72	1953	04:00	Delhi	Small wave
73	1953	04:15	Delhi	Small wave
74	1953	04:30	Delhi	Small wave
75	1953	04:45	Delhi	Small wave
76	1953	05:00	Delhi	Small wave
77	1953	05:15	Delhi	Small wave
78	1953	05:30	Delhi	Small wave
79	1953	05:45	Delhi	Small wave
80	1953	06:00	Delhi	Small wave
81	1953	06:15	Delhi	Small wave
82	1953	06:30	Delhi	Small wave
83	1953	06:45	Delhi	Small wave
84	1953	07:00	Delhi	Small wave
85	1953	07:15	Delhi	Small wave
86	1953	07:30	Delhi	Small wave
87	1953	07:45	Delhi	Small wave
88	1953	08:00	Delhi	Small wave
89	1953	08:15	Delhi	Small wave
90	1953	08:30	Delhi	Small wave
91	1953	08:45	Delhi	Small wave
92	1953	09:00	Delhi	Small wave
93	1953	09:15	Delhi	Small wave
94	1953	09:30	Delhi	Small wave
95	1953	09:45	Delhi	Small wave
96	1953	10:00	Delhi	Small wave
97	1953	10:15	Delhi	Small wave
98	1953	10:30	Delhi	Small wave
99	1953	10:45	Delhi	Small wave
100	1953	11:00	Delhi	Small wave

BULLETIN OF THE SEISMOGRAPHIC STATION -13-  
 OF THE  
 GONZAGA UNIVERSITY, SPOKANE, WASHINGTON.  
 FOR THE YEAR 1926.

No.	Date	Char.	Phase	G.M. Time		Period	Trace Amp.		Remarks
				h.	m. s.		s.	A <sub>E</sub> mm. A <sub>N</sub>	
35	Oct. 13	Iu	e <sub>N</sub>	19	57 04				
			e <sub>N</sub>	19	58 15				
			i <sub>N</sub>	19	58 22				
			e <sub>N</sub>	19	59 13				
			i <sub>N</sub>	19	59 46				
			e <sub>N</sub>	20	02 19				
			e <sub>N</sub>	20	03 45				
			e <sub>N</sub>	20	05 04				
			e <sub>N</sub>	20	06 13				
			e <sub>N</sub>	20	08 25				
			i <sub>N</sub>	20	11 22				
			e <sub>EN</sub>	20	14 57				
			e <sub>N</sub>	20	17 13				
			e <sub>LEN</sub>	20	19 13				
			e <sub>EN</sub>	20	21 47				
			L <sub>N</sub>	20	23 13	60		0.1	
			L <sub>EN</sub>	20	26 13	60		0.1	
			e <sub>M<sub>N</sub></sub>	20	33 41	27		0.1	
M <sub>1EN</sub>	20	36 00	24		0.2				
M <sub>2EN</sub>	20	43 00	20		0.2				
F	21	50±							
36	Oct. 13	IIr	iP <sub>EN</sub>	6	09 54				Aleutian Islands Δ=39°3=4370 km.
			iS <sub>N</sub>	6	15 53				
			iS <sub>E</sub>	6	15 56				
			eL <sub>N</sub>	6	20 11	22		0.2	
			iM <sub>N</sub>	6	22 28	14			
			M <sub>1EN</sub>	6	26 27	17		0.1	
F	7	00±							
37	Oct. 13.	IIr	iP <sub>E</sub>	14	25 52				Aleutian Islands Δ=38.1=4230 km.
			iP <sub>N</sub>	14	25 54				
			eS <sub>EN</sub> ?	14	31 42				
			e <sub>N</sub>	14	34 53				
			eL <sub>N</sub>	14	35 30				
			eM <sub>EN</sub>	14	42 30				
F	15	10±							



BULLETIN OF THE SEISMOGRAPHIC STATION  
OF THE  
GONZAGA UNIVERSITY, SPOKANE, WASHINGTON.  
FOR THE YEAR 1926.

No.	Date	Char.	Phase	G.M. Time h. m. s.	Period s.	Trace Amp.		Remarks			
						AE mm.	AN				
38	Oct. 13	IIIr	iP <sub>E(N)</sub>	19 15 49	14	0.2	0.1	Aleutian Islands $\Delta=37^{\circ}7'=4190$ km.			
			iS <sub>N</sub>	19 21 37							
			i <sub>EN</sub>	19 24 43							
			eL <sub>E</sub>	19 27 30							
			L <sub>1E</sub>	19 29 52					18	0.8	
			eM <sub>E</sub>	19 30 48							
			M <sub>1E</sub>	19 33 57					15	1.0	
			M <sub>2E</sub>	19 38 30							
			i <sub>EN</sub>	19 32 16							
			i <sub>EN</sub>	19 59 24							
F	21 45 <sup>±</sup>			Possibly an after- shock May be beginning of a second after- shock							
39	Oct. 17	IIv	eP <sub>EN</sub>	3 13 58	1	2	2.5				
			i <sub>EN</sub>	3 14 06							
			i <sub>N</sub>	3 14 16							
			i <sub>EN</sub>	3 14 22							
			i <sub>EN</sub>	3 14 39					2	6	7.5
			i <sub>EN</sub>	3 14 57							
			F	3 20 <sup>±</sup>							
40	Oct. 22	IIIr	iP <sub>N</sub>	12 38 01	4.3	0.3	1	California. $\Delta=11^{\circ}3'=1260$ km.			
			iP <sub>EN</sub>	12 38 03							
			iP <sub>EN</sub>	12 38 05							
			iS <sub>E</sub>	12 40 12							
			iS <sub>N</sub>	12 40 22							
			i <sub>EN</sub>	12 41 18					4	0.8	0.4
			i <sub>EN</sub>	12 42 17					12	2	0.8
			F	13 10 <sup>±</sup>							
42	Oct. 26	IIu	eP <sub>E</sub> ?	4 02 09	9	0.5	0.4	New Guinea $\Delta=100^{\circ}=11110$ km.			
			ePR <sub>1EN</sub>	4 02 32							
			ePR <sub>2E</sub>	4 05 16							
			c <sub>E</sub>	4 08 49							
			i <sub>E</sub>	4 09 08							
			c <sub>E</sub>	4 09 37							
			iL <sub>E</sub>	4 17 22					35	0.3	
			iL <sub>E</sub>	4 20 45					33		
			iL <sub>N</sub>	4 27 04					33	0.4	

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BULLETIN OF THE SEISMOGRAPHIC STATION  
 OF THE  
 GONZAGA UNIVERSITY, SPOKANE, WASHINGTON.  
 FOR THE YEAR 1926.

No.	Date	Char.	Phase	G.M. Time h. m. s.	Period s.	Trace Amp.		Remarks
						A <sub>E</sub> mm.	A <sub>N</sub>	
41	Oct. 22	IIIr	iP <sub>EN</sub>	13 38 14				California Δ=10°=1110 Km.
			i	13 38 17				
			eS <sub>EN</sub>	13 40 13				
			iS <sub>EN</sub>	13 40 14				
			L <sub>E</sub>	13 40 44				
			i <sub>EN</sub>	13 41 41	4.5	0.4	0.5	
			i <sub>EN</sub>	13 41 47	4.8	1.4	1.0	
			i <sub>E</sub>	13 42 34				
			i <sub>E</sub>	13 42 48	9.5	4.4		
F	14 14±							

BULLETIN OF THE SEISMOGRAPHIC STATION  
OF THE  
GONZAGA UNIVERSITY, SPOKANE, WASHINGTON.  
FOR THE YEAR 1926.

No.	Date	Char.	Phase	G.M. Time			Period	Trace Amp.		Remarks
				h.	m.	s.		s.	A <sub>E</sub> mm.	
42	Oct. 26 Cont'd		iL <sub>E</sub>	4	31	16	29	0.3		
			M <sub>E</sub>	4	34	00				
			M <sub>1E</sub>	4	35	00	23	0.6		
			M <sub>2E</sub>	4	40	00	20	0.7		
			F <sub>2E</sub>	5	12	±				
43	Oct. 26	Iu	L <sub>E</sub>	5	54	00			Beginning obscured by preceding.	
			M <sub>EN</sub>	6	01	00				
			F <sub>EN</sub>	6	24	±				
44	Oct. 26	Iu	M <sub>E</sub>	7	05	00			Beginning obscured by preceding	
			F	7	20	±				
45	Oct. 30	IIv	iP <sub>EN</sub>	19	43	51	9	2.4	Queen Charlotte Island Δ=9°5' 1060 km.	
			i <sub>E</sub>	19	43	07				
			i <sub>EN</sub>	19	43	19				
			i <sub>E</sub>	19	43	33				
			i <sub>EN</sub>	19	43	40				
			i <sub>SE</sub>	19	44	56				
			i <sub>SN</sub>	19	45	47				
			i <sub>SE</sub>	19	45	48				
			iL <sub>E</sub>	19	46	32				
			iM <sub>N</sub>	19	46	54				
			M <sub>1N</sub>	19	47	14				
			eM <sub>E</sub>	19	47	25				
F	20	38	±							
46	Nov. 1	IIIv	iP <sub>E</sub>	1	41	10	16	1	In the Pacific Ocean off the coast of British Columbia. Epicen- ter as determined by U.S.C.G.S. 49°N. 129°W. Δ=7°8'=870 km.	
			eP <sub>N</sub>	1	41	15				
			iS <sub>EN</sub>	1	42	45				
			i <sub>N</sub>	1	43	06				
			i <sub>E</sub>	1	43	13				
			eL <sub>N</sub> ?	1	43	08				
			iL <sub>E</sub>	1	43	30				
			iM <sub>E</sub>	1	44	19				
			iM <sub>N</sub>	1	44	22				
			i <sub>N</sub>	1	44	45				
			F	2	28	±				
47	Nov. 5	IIr	iP <sub>EN</sub>	8	03	23	9	1	Nicaragua Δ=42°1'=4680 km.	
			i <sub>EN</sub>	8	03	58				
			i <sub>EN</sub>	8	04	28				
			iPR <sub>1E</sub>	8	05	11				
			iPR <sub>2E</sub>	8	05	30				
			iS <sub>EN</sub>	8	09	40				
			SR <sub>1N</sub>	8	12	37				
			cL <sub>N</sub> ?	8	12	56				
			i <sub>EN</sub>	8	13	58				
			eM <sub>EN</sub>	8	17	20				
			F	8	58	±				



BULLETIN OF THE SEISMOGRAPHIC STATION  
 OF THE  
 GONZAGA UNIVERSITY, SPOKANE, WASHINGTON.  
 FOR THE YEAR 1926.

No.	Date	Char.	Phase	G.M. Time			Period s.	Trace Amp.		Remarks	
				h.	m.	s.		AE	mm. AN		
48	Dec. 10	IIv	eP <sub>N</sub>	8	39	08				Off the northern coast of California $\Delta=894=930$ km.	
			eP <sub>E</sub>	8	39	09					
			i <sub>EN</sub>	8	40	02					
			iS <sub>EN</sub>	8	40	49					
			iM <sub>EN</sub>	8	41	55	< iL <sub>EN</sub>	8	41		03
			M <sub>1E</sub>	8	42	03		5	2.2		
			M <sub>2E</sub>	8	43	11		7	1.6		
F	9	00	±								
49	Dec. 12	IIv	eP <sub>N</sub> ?	00	48	16					
			iP <sub>EN</sub>	00	48	29		1	0.2		0.1
			i <sub>EN</sub> ( $\bar{S}$ )	00	49	23		1	0.3		0.3
			i <sub>EN</sub>	00	49	30		0.5	3.2		1.4
			i <sub>EN</sub>	00	49	40		3	2		1.4
F	00	56	±								
50	Dec. 13	Iv	e <sub>N</sub>	5	04	52					
			i <sub>N</sub>	5	05	46					
			i <sub>EN</sub>	5	05	57					
			F	5	09	±					
51	Dec. 21	Ir	iP <sub>EN</sub>	4	23	39					
			i <sub>EN</sub>	4	24	15					
			iS <sub>E</sub>	4	25	00					
			iS <sub>N</sub>	4	26	01					
			eL <sub>N</sub>	4	26	10					
			iM <sub>E</sub>	4	28	24					
			F	4	38	±					
52	Dec. 27	Id	eP <sub>EN</sub>	18	03	43					
			i <sub>EN</sub>	18	04	54					
			i <sub>EN</sub>	18	04	57					
			i <sub>EN</sub>	18	05	02					
			F	18	06	±					
53	Dec. 30	IIv	iP <sub>E</sub>	17	57	44		1	0.7	A slight shock was felt. Reported from Wenatchee and Yakima, Washington.	
			iS <sub>N</sub>	17	57	59		1			0.6
			i <sub>N</sub>	17	58	13					2.8
			i <sub>EN</sub>	17	58	20		1	3.4		3.6
			iL <sub>E</sub>	17	58	24		4	2		
			i <sub>N</sub>	17	58	41					
			F	18	03	±					

BULLETIN OF THE SEISMOGRAPHIC STATION  
 OF THE  
 GONZAGA UNIVERSITY, SPOKANE, WASHINGTON.  
 FOR THE YEAR 1927

No.	Date	Char.	Phase	G.M. Time			Period			Amplitude			Remarks
				h.	m.	s.	e	n.	z	AE	AN	AZ	
1	Jan. 1	Ir	ePN	8	20	29							Reported des- tructive in the Imperial Valley, California.
			eSE	8	23	40							
			eE	8	25	12							
			M	8	26	16							
			F	8	37 <sup>±</sup>								
2	Jan. 1	Ir	ePN	9	17	18							Also caused dam- age in the Im- perial Valley, California.
			eN	9	21	37							
			MN	9	23	12							
			F	9	35 <sup>±</sup>								
3	Feb. 1	Iu	iPN	18	09	41							Solomon Islands $\Delta = 93^{\circ}$
			iPE	18	09	43							
			iE	18	12	14							
			ePR <sub>2</sub> E	18	16	06							
			eE	18	19	22							
			eE	18	20	22							
			eE	18	20	29							
			eSE	18	21	03							
			ePSE	18	21	30							
			eE	18	22	26							
			iLE	18	39	56	27			0.1			
			eME	18	45	44	19			0.1			
			F	19	24 <sup>±</sup>								
4	July 12	Iu	iPEN	21	18	03							Kurile Islands $\Delta = 58^{\circ}3$
			ePR <sub>1</sub> EN	21	20	21							
			eSEN	21	26	04							
			iSEN	21	26	24							
			eN	21	27	17	7			0.3			
			eSR <sub>1</sub> N	21	29	49							
			eLN	21	37	00							
			F	21	43 <sup>±</sup>								

BULLETIN OF THE INTERNATIONAL SEISMOLOGICAL CENTRE  
 OF THE  
 CANADIAN UNIVERSITY, WASHINGTON, DISTRICT OF COLUMBIA  
 FOR THE YEAR 1952

Station	Date	Time	Phase	Amplitude	Duration	Remarks
1	1952.1.1	12:00	P	0.1	10	Reported by...
2	1952.1.1	12:00	P	0.1	10	...
3	1952.1.1	12:00	P	0.1	10	...
4	1952.1.1	12:00	P	0.1	10	...
5	1952.1.1	12:00	P	0.1	10	...
6	1952.1.1	12:00	P	0.1	10	...
7	1952.1.1	12:00	P	0.1	10	...
8	1952.1.1	12:00	P	0.1	10	...
9	1952.1.1	12:00	P	0.1	10	...
10	1952.1.1	12:00	P	0.1	10	...
11	1952.1.1	12:00	P	0.1	10	...
12	1952.1.1	12:00	P	0.1	10	...
13	1952.1.1	12:00	P	0.1	10	...
14	1952.1.1	12:00	P	0.1	10	...
15	1952.1.1	12:00	P	0.1	10	...
16	1952.1.1	12:00	P	0.1	10	...
17	1952.1.1	12:00	P	0.1	10	...
18	1952.1.1	12:00	P	0.1	10	...
19	1952.1.1	12:00	P	0.1	10	...
20	1952.1.1	12:00	P	0.1	10	...
21	1952.1.1	12:00	P	0.1	10	...
22	1952.1.1	12:00	P	0.1	10	...
23	1952.1.1	12:00	P	0.1	10	...
24	1952.1.1	12:00	P	0.1	10	...
25	1952.1.1	12:00	P	0.1	10	...
26	1952.1.1	12:00	P	0.1	10	...
27	1952.1.1	12:00	P	0.1	10	...
28	1952.1.1	12:00	P	0.1	10	...
29	1952.1.1	12:00	P	0.1	10	...
30	1952.1.1	12:00	P	0.1	10	...

BULLETIN OF THE SEISMOGRAPHIC STATION  
 OF THE  
 GONZAGA UNIVERSITY, SPOKANE, WASHINGTON.  
 FOR THE YEAR 1927

No.	Date	Char.	Phase	G.M. Time h. m. s.	Period			Amplitude			Remarks
					e	n	z	A <sub>E</sub>	A <sub>N</sub>	A <sub>Z</sub>	
5	July 14	I?	c <sub>N</sub>	13 01 30							
			e <sub>E</sub>	13 01 31							
			c <sub>LE</sub>	13 03 09							
			i <sub>ME</sub>	13 04 15							
			F	13 23 <sup>±</sup>							
6	July 28	Ir	c <sub>PN</sub>	16 23 18							Alaskan Peninsula. $\Delta = 27^\circ$
			e <sub>N</sub>	16 23 32							
			i <sub>EN</sub>	16 23 43							
			e <sub>E</sub>	16 24 38							
			e <sub>SE</sub>	16 27 51							
			e <sub>SN</sub>	16 28 06							
			i <sub>E</sub>	16 28 21							
			i <sub>N</sub>	16 28 23							
			i <sub>N</sub>	16 28 33							
			e <sub>N</sub>	16 29 26							
			e <sub>LEN</sub>	16 30 59							
F	16 51 <sup>±</sup>										

BULLETIN OF THE SEISMOGRAPHIC STATION  
 OF THE  
 GORRAGA UNIVERSITY, SPOKANE, WASHINGTON.  
 FOR THE YEAR 1927

No.	Date	Char.	Phase	G.M. Time h. m. s.	Period s. s.	Amplitude mm	Remarks
1	July 17	II	P	13 01 30			
				13 01 31			
				13 03 09			
				13 04 15			
				13 23			
2	July 28	II	P	16 23 18			Alaska Seismograph - Sta. A = 570
				16 23 35			
				16 23 47			
				16 24 38			
				16 27 51			
				16 28 00			
				16 28 21			
				16 28 27			
				16 28 33			
				16 28 56			
				16 30 29			
				16 30 59			
				16 31			

PROVED  
 1927

BULLETIN OF THE SEISMOGRAPHIC STATION  
 OF THE  
 GONZAGA UNIVERSITY, SPOKANE, WASHINGTON  
 FOR THE YEAR 1928

No.	Date	Char.	Phase	G.M. Time			Period			Amplitude			Remarks
				h.	m.	s.	e	n	z	A <sub>E</sub>	A <sub>N</sub>	A <sub>Z</sub>	
5	Mar. 9	IIu	eEN ?	18	23	52							Absolute times uncertain.
			eEN	18	25	09							
			eE	18	26	49							
			iN	18	27	32							
			iEN	18	29	47							
			ePS <sub>N</sub>	18	37	44							
			eEN	18	39	28							
			eSR <sub>1</sub> EN	18	44	33							
			SR <sub>2</sub> EN	18	49	39							
			LEN	18	59	09							
			ME	19	08	39							
			M <sub>N</sub>	19	10	09							
			M <sub>1</sub> EN	19	15	09							
F	20	29 <sup>±</sup>											
6	Mar. 16	IIu	eP <sub>N</sub> ?	5	14	52							
			eEN	5	18	30							
			S <sub>c</sub> P <sub>c</sub> S	5	25	01							
			eSEN	5	25	56							
			ePS <sub>EN</sub>	5	26	56							
			eSR <sub>1</sub> EN	5	32	15							
			eEN	5	36	00							
			eLN	5	44	00							
			iME	5	45	38							
			W <sub>2</sub>	7	21	00							
F	7	56 <sup>±</sup>											
7	Mar. 22	IIIr	eP <sub>N</sub>	4	24	08							
			eP <sub>E</sub>	4	24	10							
			iP <sub>N</sub>	4	24	11							
			iEN	4	24	15							
			iN	4	24	25							



BUREAU OF THE GEOGRAPHIC STATION  
WASHINGTON

GOVERNMENT PRINTING OFFICE: 1928

No.	Date	Time	Period	Amplitude	Direction
1	Mar 1	12 00	0.1	0.1	W
2	Mar 1	12 05	0.1	0.1	W
3	Mar 1	12 10	0.1	0.1	W
4	Mar 1	12 15	0.1	0.1	W
5	Mar 1	12 20	0.1	0.1	W
6	Mar 1	12 25	0.1	0.1	W
7	Mar 1	12 30	0.1	0.1	W
8	Mar 1	12 35	0.1	0.1	W
9	Mar 1	12 40	0.1	0.1	W
10	Mar 1	12 45	0.1	0.1	W
11	Mar 1	12 50	0.1	0.1	W
12	Mar 1	12 55	0.1	0.1	W
13	Mar 1	1 00	0.1	0.1	W
14	Mar 1	1 05	0.1	0.1	W
15	Mar 1	1 10	0.1	0.1	W
16	Mar 1	1 15	0.1	0.1	W
17	Mar 1	1 20	0.1	0.1	W
18	Mar 1	1 25	0.1	0.1	W
19	Mar 1	1 30	0.1	0.1	W
20	Mar 1	1 35	0.1	0.1	W
21	Mar 1	1 40	0.1	0.1	W
22	Mar 1	1 45	0.1	0.1	W
23	Mar 1	1 50	0.1	0.1	W
24	Mar 1	1 55	0.1	0.1	W
25	Mar 1	2 00	0.1	0.1	W
26	Mar 1	2 05	0.1	0.1	W
27	Mar 1	2 10	0.1	0.1	W
28	Mar 1	2 15	0.1	0.1	W
29	Mar 1	2 20	0.1	0.1	W
30	Mar 1	2 25	0.1	0.1	W
31	Mar 1	2 30	0.1	0.1	W
32	Mar 1	2 35	0.1	0.1	W
33	Mar 1	2 40	0.1	0.1	W
34	Mar 1	2 45	0.1	0.1	W
35	Mar 1	2 50	0.1	0.1	W
36	Mar 1	2 55	0.1	0.1	W
37	Mar 1	3 00	0.1	0.1	W
38	Mar 1	3 05	0.1	0.1	W
39	Mar 1	3 10	0.1	0.1	W
40	Mar 1	3 15	0.1	0.1	W
41	Mar 1	3 20	0.1	0.1	W
42	Mar 1	3 25	0.1	0.1	W
43	Mar 1	3 30	0.1	0.1	W
44	Mar 1	3 35	0.1	0.1	W
45	Mar 1	3 40	0.1	0.1	W
46	Mar 1	3 45	0.1	0.1	W
47	Mar 1	3 50	0.1	0.1	W
48	Mar 1	3 55	0.1	0.1	W
49	Mar 1	4 00	0.1	0.1	W
50	Mar 1	4 05	0.1	0.1	W
51	Mar 1	4 10	0.1	0.1	W
52	Mar 1	4 15	0.1	0.1	W
53	Mar 1	4 20	0.1	0.1	W
54	Mar 1	4 25	0.1	0.1	W
55	Mar 1	4 30	0.1	0.1	W
56	Mar 1	4 35	0.1	0.1	W
57	Mar 1	4 40	0.1	0.1	W
58	Mar 1	4 45	0.1	0.1	W
59	Mar 1	4 50	0.1	0.1	W
60	Mar 1	4 55	0.1	0.1	W

BULLETIN OF THE SEISMOGRAPHIC STATION  
 OF THE  
 GONZAGA UNIVERSITY, SPOKANE, WASHINGTON  
 FOR THE YEAR 1928

No.	Date	Char.	Phase	G.M. Time			Period			Amplitude			Remarks
				h.	m.	s.	e	n	z	AE	AN	AZ	
	Mar. 22 (Cont'd)		ePR <sub>1N</sub> ?	4	25	33							
		iN	4	25	38								
		iE	4	25	42								
		iPR <sub>2EN</sub>	4	25	52								
		iPR <sub>3N</sub>	4	26	02								
		iS <sub>N</sub>	4	29	54								
		iSE	4	29	58								
		iSR <sub>1EN</sub>	4	32	35								
		iN	4	34	09								
		L <sub>EN</sub>	4	34	35								
		iM <sub>EN</sub>	4	36	39								
		M <sub>1EN</sub>	4	38	00								
		M <sub>2N</sub>	4	40	00								
	F	7	00	<sup>+</sup>									
8	Mar. 29	I ?	iP <sub>EN</sub>	5	16	58							
			e <sub>N</sub>	5	23	32							
			e <sub>N</sub>	5	25	04							
			e <sub>EN</sub>	5	26	09							
			e <sub>N</sub>	5	29	00							
			e <sub>N</sub>	5	33	00							
			e <sub>N</sub>	5	36	00							
			L <sub>N</sub>	5	41	00							
			F	6	22	<sup>+</sup>							





BULLETIN OF THE SEISMOGRAPHIC STATION  
 OF THE  
 CORNELL UNIVERSITY, ITHACA, WASHINGTON  
 FOR THE YEAR 1928

No.	Date	Char.	Phase	Q. M. Time H. M. S.	Period S. M. S.	Amplitude A. M. S.	Remarks
1	Mar 29		PRIN	4 25 37			
2	Mar 29		PRIN	4 25 38			
3	Mar 29		PRIN	4 25 39			
4	Mar 29		PRIN	4 25 40			
5	Mar 29		PRIN	4 25 41			
6	Mar 29		PRIN	4 25 42			
7	Mar 29		PRIN	4 25 43			
8	Mar 29		PRIN	4 25 44			
9	Mar 29		PRIN	4 25 45			
10	Mar 29		PRIN	4 25 46			
11	Mar 29		PRIN	4 25 47			
12	Mar 29		PRIN	4 25 48			
13	Mar 29		PRIN	4 25 49			
14	Mar 29		PRIN	4 25 50			
15	Mar 29		PRIN	4 25 51			
16	Mar 29		PRIN	4 25 52			
17	Mar 29		PRIN	4 25 53			
18	Mar 29		PRIN	4 25 54			
19	Mar 29		PRIN	4 25 55			
20	Mar 29		PRIN	4 25 56			
21	Mar 29		PRIN	4 25 57			
22	Mar 29		PRIN	4 25 58			
23	Mar 29		PRIN	4 25 59			
24	Mar 29		PRIN	4 26 00			
25	Mar 29		PRIN	4 26 01			
26	Mar 29		PRIN	4 26 02			
27	Mar 29		PRIN	4 26 03			
28	Mar 29		PRIN	4 26 04			
29	Mar 29		PRIN	4 26 05			
30	Mar 29		PRIN	4 26 06			
31	Mar 29		PRIN	4 26 07			
32	Mar 29		PRIN	4 26 08			
33	Mar 29		PRIN	4 26 09			
34	Mar 29		PRIN	4 26 10			
35	Mar 29		PRIN	4 26 11			
36	Mar 29		PRIN	4 26 12			
37	Mar 29		PRIN	4 26 13			
38	Mar 29		PRIN	4 26 14			
39	Mar 29		PRIN	4 26 15			
40	Mar 29		PRIN	4 26 16			
41	Mar 29		PRIN	4 26 17			
42	Mar 29		PRIN	4 26 18			
43	Mar 29		PRIN	4 26 19			
44	Mar 29		PRIN	4 26 20			
45	Mar 29		PRIN	4 26 21			
46	Mar 29		PRIN	4 26 22			
47	Mar 29		PRIN	4 26 23			
48	Mar 29		PRIN	4 26 24			
49	Mar 29		PRIN	4 26 25			
50	Mar 29		PRIN	4 26 26			
51	Mar 29		PRIN	4 26 27			
52	Mar 29		PRIN	4 26 28			
53	Mar 29		PRIN	4 26 29			
54	Mar 29		PRIN	4 26 30			
55	Mar 29		PRIN	4 26 31			
56	Mar 29		PRIN	4 26 32			
57	Mar 29		PRIN	4 26 33			
58	Mar 29		PRIN	4 26 34			
59	Mar 29		PRIN	4 26 35			
60	Mar 29		PRIN	4 26 36			
61	Mar 29		PRIN	4 26 37			
62	Mar 29		PRIN	4 26 38			
63	Mar 29		PRIN	4 26 39			
64	Mar 29		PRIN	4 26 40			
65	Mar 29		PRIN	4 26 41			
66	Mar 29		PRIN	4 26 42			
67	Mar 29		PRIN	4 26 43			
68	Mar 29		PRIN	4 26 44			
69	Mar 29		PRIN	4 26 45			
70	Mar 29		PRIN	4 26 46			
71	Mar 29		PRIN	4 26 47			
72	Mar 29		PRIN	4 26 48			
73	Mar 29		PRIN	4 26 49			
74	Mar 29		PRIN	4 26 50			
75	Mar 29		PRIN	4 26 51			
76	Mar 29		PRIN	4 26 52			
77	Mar 29		PRIN	4 26 53			
78	Mar 29		PRIN	4 26 54			
79	Mar 29		PRIN	4 26 55			
80	Mar 29		PRIN	4 26 56			
81	Mar 29		PRIN	4 26 57			
82	Mar 29		PRIN	4 26 58			
83	Mar 29		PRIN	4 26 59			
84	Mar 29		PRIN	4 27 00			
85	Mar 29		PRIN	4 27 01			
86	Mar 29		PRIN	4 27 02			
87	Mar 29		PRIN	4 27 03			
88	Mar 29		PRIN	4 27 04			
89	Mar 29		PRIN	4 27 05			
90	Mar 29		PRIN	4 27 06			
91	Mar 29		PRIN	4 27 07			
92	Mar 29		PRIN	4 27 08			
93	Mar 29		PRIN	4 27 09			
94	Mar 29		PRIN	4 27 10			
95	Mar 29		PRIN	4 27 11			
96	Mar 29		PRIN	4 27 12			
97	Mar 29		PRIN	4 27 13			
98	Mar 29		PRIN	4 27 14			
99	Mar 29		PRIN	4 27 15			
100	Mar 29		PRIN	4 27 16			

BULLETIN OF THE SEISMOGRAPHIC STATION  
 OF THE  
 GONZAGA UNIVERSITY, SPOKANE, WASHINGTON  
 FOR THE YEAR 1928

No.	Date	Char.	Phase	G.M. Time h. m. s.	Period			Amplitude			Remarks
					e	n	z	A <sub>E</sub>	A <sub>N</sub>	A <sub>Z</sub>	
9	Apr. 3	Iu	eP <sub>EN</sub> ?	17 45 48						Southeastern Peru $\Delta = 73^{\circ}6$	
			e <sub>EN</sub>	17 45 52							
			e <sub>SE</sub>	17 55 18							
			e <sub>SN</sub>	17 55 21							
			L <sub>EN</sub>	18 08 00							
			M <sub>E</sub>	18 13 00							
			M <sub>N</sub>	18 16 00							
			M <sub>2E</sub> F	18 21 00 18 51 <sup>±</sup>							
10	Apr. 13	Ir	eP <sub>EN</sub>	23 23 33						Preliminary phases very faint	
			PR <sub>1EN</sub>	23 24 43							
			e <sub>SN</sub>	23 29 23							
			M <sub>EN</sub>	23 36 00							
			F	24 16 <sup>±</sup>							
11	Apr. 14	Iu	eP <sub>N</sub>	9 12 34						Disastrous in Bulgaria	
			i <sub>E</sub>	9 12 45							
			ePR <sub>1EN</sub>	9 16 07							
			e <sub>SN</sub>	9 23 07							
			L <sub>EN</sub>	9 40 00							
			M <sub>N</sub>	9 44 00							
			M <sub>1N</sub>	9 53 00							
			F	10 16 <sup>±</sup>							
12	Apr. 15	Iv	eP <sub>N</sub>	21 59 30						Record not very clear	
			eP <sub>E</sub>	21 59 31							
			S <sub>N</sub> ?	22 02 00							
			L	22 03 00							
			F	22 07 <sup>±</sup>							



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 FOR THE YEAR 1928

No.	Date	Char.	Phase	G.M. Time h. m. s.	Period			Amplitude			Remarks
					e	n	z	A <sub>E</sub>	A <sub>N</sub>	A <sub>Z</sub>	
13	Apr. 17	Ir	eP <sub>EN</sub>	3 32 12						Oaxaca, Mexico $\Delta = 36.1$	
			eSE	3 37 43							
			eSR <sub>1EN</sub>	3 40 05							
			eLN	3 42 47							
			eMN	3 45 12							
			M <sub>1EN</sub> F	3 50 13 4 18 <sup>+</sup>							
14	Apr. 18	Ir	eP <sub>EN</sub>	3 52 08							
			eS <sub>N?</sub>	3 56 17							
			eS <sub>EN</sub>	3 56 22							
			eE	3 57 28							
			M <sub>EN</sub>	3 58 29							
			F	4 25 <sup>+</sup>							
15	Apr. 18	Iu	iP <sub>EN</sub>	19 35 31						Bulgaria o $\Delta_{S-P} = 81.7$	
			ePR <sub>1N</sub>	19 38 48							
			eS <sub>N</sub>	19 45 51							
			eSE	19 45 57							
			LN	20 03 00							
			M <sub>EN</sub> F	20 11 00 20 45 <sup>±</sup>							
16	Apr. 21	Id	P <sub>EN</sub>	1 57 10						Local	
			e <sub>N</sub>	1 57 18							
			S <sub>EN</sub>	1 57 20							
			eE	1 57 30							
			F	1 58 22							
17	Apr. 24	Iu	e <sub>EN</sub>	15 51 52							
			e <sub>N</sub>	15 56 58							
			F	16 04 <sup>±</sup>							
18	Apr. 27	Iu	eE	20 45 41							
			e <sub>EN</sub>	20 56 02							
			e <sub>MN</sub>	21 19 00							
			e <sub>ME</sub>	21 20 12							
			F	21 31 <sup>±</sup>							

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BULLETIN OF THE SEISMOGRAPHIC STATION  
 OF THE  
 GONZAGA UNIVERSITY, SPOKANE, WASHINGTON  
 FOR THE YEAR 1928

No.	Date	Char.	Phase	G.M. Time h. m. s.	Period			Amplitude			Remarks
					e	n	z	A <sub>E</sub>	A <sub>N</sub>	A <sub>Z</sub>	
19	May 1	Ir	eLE	19 12 00						Very faint	
			eM <sub>EN</sub>	19 15 00							
			F	19 23 <sup>±</sup>							
20	May 14	Iu	eN	22 25 13						Destructive in northern Peru. $\Delta = 63.3$	
			eE	22 25 32							
			iN	22 26 03							
			eSE	22 33 46							
			eSN	22 33 48							
			iEN	22 35 21							
			SR <sub>1N</sub>	22 38 15							
			SR <sub>2N</sub>	22 41 03							
			LN	22 42 26							
			LE	22 46 00							
			MN	22 51 30							
ME	22 52 00										
F	24 28 <sup>±</sup>										
21	May 17	I?	eN?	11 24 46						Very faint	
			eE?	11 25 00							
			eN	11 32 00							
			eE	11 42 00							
			F	12 07 <sup>±</sup>							
22	May 27	Iu	eP <sub>EN</sub>	10 01 20						Tuscarora Deep, off coast of Japan. $\Delta = 66^{\circ}$	
			iS <sub>EN</sub>	10 10 12							
			SR <sub>1N</sub>	10 14 37							
			LN	10 19 00							
			MN	10 24 42							
			F	11 39 <sup>±</sup>							

BULLETIN OF THE SEISMOGRAPHIC STATION  
 OF THE  
 GONZAGA UNIVERSITY, SPCKANE, WASHINGTON  
 FOR THE YEAR 1928

No.	Date	Char.	Phase	G.M. Time h. m. s.	Period e n z	Amplitude			Remarks
						A <sub>E</sub>	A <sub>N</sub>	A <sub>Z</sub>	
23	June 15	Iu	eS <sub>C</sub> P <sub>C</sub> S <sub>EN</sub>	6h. 37m. 00s.					South China Sea
			e <sub>N</sub>	6 56 00					
			eL <sub>N</sub>	6 58 00					
			eM <sub>E</sub>	7 10 00					
			F	8 44 ±					
24	June 17	IIIr	eP <sub>N</sub>	3 26 29					Acapulco Deep off Coast of Mexico Δ = 36° .5
			iP <sub>EN</sub>	3 26 30					
			ePR <sub>1N</sub> ?	3 27 43					
			iPR <sub>1EN</sub>	3 27 53					
			iPR <sub>2N</sub>	3 28 06					
			P <sub>C</sub> P <sub>EN</sub>	3 28 37					
			eS <sub>E</sub>	3 32 09					
			eS <sub>N</sub>	3 32 12					
			i <sub>EN</sub>	3 35 00					
			S <sub>C</sub> S <sub>EN</sub> ?	3 36 39					
			eL <sub>EN</sub> ?	3 37 00					
			iM <sub>EN</sub>	3 39 07					
			M <sub>1N</sub>	3 39 07					
			M <sub>2E</sub>	3 40 53					
			M <sub>3N</sub>	3 41 00					
			M <sub>4E</sub>	3 42 18					
F	5 55 ±								
25	June 17	Ir	eP <sub>EN</sub>	23 32 00					
			e <sub>N</sub> ?	23 37 20					
			e <sub>EN</sub>	23 38 57					
			eL <sub>N</sub>	23 45 00					
			eM <sub>N</sub>	23 47 00					
			F	24 08 ±					

BULLETIN OF THE SEISMOGRAPHIC STATION  
 OF THE  
 GONZAGA UNIVERSITY, SPOKANE, WASHINGTON  
 FOR THE YEAR 1928

No.	Date	Char.	Phase	G.M. Time h. m. s.	Period			Amplitude			Remarks
					e.	n.	z.	A <sub>E</sub>	A <sub>N</sub>	A <sub>Z</sub>	
26	June 21	IIr	iP <sub>EN</sub>	16 32 05							Alaska Δ = 22° .9
			i <sub>EN</sub>	16 32 20							
			iPR <sub>1EN</sub>	16 32 27							
			i <sub>E</sub>	16 32 41							
			i <sub>EN</sub>	16 32 45							
			i <sub>EN</sub>	16 34 24							
			iS <sub>EN</sub>	16 36 06							
			i <sub>N</sub>	16 36 40							
			iL <sub>N</sub>	16 38 27							
			eL <sub>E</sub>	16 38 27							
			iM <sub>N</sub>	16 39 29							
			iM <sub>E</sub>	16 39 45							
			F	Lost in changing record sheet							
27	June 29	Iu	e <sub>N</sub>	22 03 00							
			e <sub>N</sub>	22 12 30							
			e <sub>N</sub>	22 13 14							
			L	22 26 00							
			F	23 12 ±							

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BULLETIN OF THE SEISMOGRAPHIC STATION  
OF THE  
CONCORDIA UNIVERSITY, SPOKANE, WASHINGTON  
FOR THE YEAR 1928

No.	Date	Char.	Phase	C.M. Time h. m. s.	Period s. n. s.	Amplitude mm. A. S.	Remarks					
26	June 21	III	P	16 32 05			Alaska A = 22.0					
				16 32 30								
				16 32 37								
				16 32 41								
				16 32 45								
				16 34 24								
				16 38 08								
				16 38 40								
				16 38 57								
				16 38 57								
				16 39 39								
				16 39 48								
				27	June 22	IV		P	22 03 00			Lost in changing record sheet
									22 12 30			
22 13 10												
22 26 00												
22 42 11												

ORIGINAL  
 FROM  
 DIVISION



BULLETIN OF THE SEISMOGRAPHIC STATION  
 OF THE  
 GONZAGA UNIVERSITY, SPOKANE, WASHINGTON  
 FOR THE YEAR 1928

No.	Date	Char.	Phase	G.M. Time h. m. s.	Period			Amplitude			Remarks
					e	n	z	A <sub>E</sub>	A <sub>N</sub>	A <sub>Z</sub>	
32	Sept. 4	Iv?	e <sub>EN</sub>	5 37 38							
			i <sub>E</sub>	5 38 29							
			i <sub>N</sub>	5 38 32							
			i <sub>E</sub>	5 38 53							
			F	6 43 <sup>±</sup>							
33	Sept. 11	IIr	i <sub>P<sub>N</sub></sub>	12 38 27							Off north coast of California.
			i <sub>S<sub>N</sub></sub>	12 41 27							
			i <sub>L<sub>E</sub></sub>	12 42 16							
			i <sub>M<sub>N</sub></sub>	12 42 32							
			F	13 12 <sup>±</sup>							
34	Sept. 11	I?	e <sub>P<sub>N</sub></sub>	13 15 28							
			e <sub>L<sub>N</sub></sub>	13 18 34							
			e <sub>M<sub>EN</sub></sub>	13 19 32							
			F	13 29 <sup>±</sup>							
35	Sept. 22	Iu	L <sub>N</sub>	8 09 00							
			M <sub>N</sub>	8 18 00							
			F	8 50 <sup>±</sup>							

BULLETIN OF THE SEISMOGRAPHIC STATION  
 OF THE  
 GEORGETOWN UNIVERSITY, GEORGETOWN, WASHINGTON  
 FOR THE YEAR 1925

No.	Date	Obs.	Phase	G.M. Time H. M. S.	Position Lat. & Long.	Amplitude in mm	Remarks
33	Sept. 25	III	I	8 09 00 8 18 00 8 30			
34	Sept. 26	III	I	13 15 28 13 18 34 13 19 32 13 20			
35	Sept. 27	III	I	12 38 27 12 41 27 12 42 18 12 42 32 12 42			Off hours count of Galvanometer
36	Sept. 28	III	I	5 27 38 5 30 50 5 32 32 5 35 23 5 37			