

BULLETIN OF THE SEISMOGRAPHIC STATION

OF

SAINT XAVIER COLLEGE, CINCINNATI, OHIO, U. S. A.

FOR THE YEAR 1927.

No.	Date	Char.	Phase	G.M. Time h. m. s.	Period e n z	Amplitude			Remarks
						A	E	Az	
1	Nov. 4	IIIr	i _{PE} i _{SEN} i _{LEN} F	13 56 59 14 02 14 14 05 04 15 59 \pm		5 15	4 20		P not clearly defined
2	Nov. 6	Ir	e _{LEN} F	2 54 00 3 27 \pm					faint record instruments not sensitive
3	Nov. 8	I	e _E	3 28 26					traffic inter- ference
4	Nov. 12	Iv	i _E	22 18 12					micros
5	Nov. 14	IIu	e _{PEN} i _{SN} e _{SE} e _{LEN} F	0 23 12 0 32 06 0 32 07 0 44 10 1 38 \pm					Δ S _P 65° \pm Epicenter in Northern Siberia
6	Nov. 14	I	i _{NA} i _N e _{M_N}	5 07 32 5 16 31 5 28 39					EW not recording

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No.	Date	Char	Phase	G.M. Time h. m. s.	Period s. n. z.	Amplitude A _{max} / _z	Remarks
7	Nov. 14	Iu	iP _N	7 30 41			felt in Chile
			eP _C P _N	7 30 50			
			i eS _N	7 41 14			
			eP _S N	7 41 23			
			eM _N	7 58 00			
			F	8 16 ±			
8	Nov. 15	Iu	iP _E	8 39 53			A _{SWP} 61°
			iP _N	8 39 55			
			eP _R 1N	8 42 27			
			eS _{EN?}	8 48 12			
			ePPSS _{N?}	8 52 49			
			eSR _{1N?}	8 52 50			
			eL	8 59 ±			
			F	9 40 ±			

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No.	Date	Char.	Phase	G.M. Time			Period s n z	Amplitude A _P A _N A _Z	Remarks
				h.	m.	s.			
9	Nov. 18	Iu	ePN	21	30	17			
			iN	21	35	53			
			iN	21	41	57			
			iN	21	44	31			
			eN	21	44	39			
			eN	21	48	45			
			eLN	22	05				
			cMN	22	12				
		F	23	30					
10	Nov. 21	IIu	Q	23	12	55			△ S--P 84°5
			ePN	23	25	08			
			iPR ₁ N	23	28	14			
			eN	23	31	06			
			eScPcSN	23	35	28			
			iSN	23	35	39			
			eScSN	23	36	22			
			eN	23	37	57			
			eN	23	43	51			
			eN	23	49	24			
			eLN	23	54	50			
			cMN	24	01				
		F	24	30					
11	Nov. 21	I	iLN	15	33	44			
			eLN	15	34	37			
			F	15	50				
12	Nov. 26	Iu	Q	12	53	57			△ S-P 62°4 Epicenter deter- mined at St. Louis 22°4 S, 72°4 W Reported felt in Tacna, Chile
			iPN	13	04	23			
			eN	13	04	50			
			iPcPN	13	05	15			
			eN	13	07	55			
			ePR ₃ N	13	09	00			
			iSN	13	12	50			
			iSE	13	12	51			
			iPSE	13	13	10			
			iEN	13	14	03			
			iE	13	14	23			
			eE	13	15	25			
					F	13	40		

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No	Date	Char.	Phase	G.M. Time h m s.	Period Secs	Amplitude	Remarks
						AA'AAZ	
13	Dec. 27	Iu	eEN	20 32 07			
			eFN	20 33 26			
			eFN	20 34 30			
			eEN	20 35 30			
			eEN	20 36 37			
			eEN	20 37 26			
			eLEN	20 47 ⁺			
			eME	20 49 ⁺			
			F	20 58 ⁺			
14	Dec. 28	IIu	O	18 20 34			Kamchatka Δ6999
			iPN	18 31 44			
			iPcPN	18 32 25			
			iPR ₁ N	18 34 30			
			iPR ₂ N	18 36 08			
			iN	18 36 18			
			iPR ₃ N	18 37 12			
			iSN	18 41 01			
			iFSN?	18 41 26			
			iPPSN	18 41 44			
			iN	18 42 00			
			iScSN?	18 42 20			
			iPPSSN	18 46 08			
			iPcSScPN	18 47 18			
			iSR ₂ N	18 49 08			
			iSR ₃ N?	18 50 19			
			iN	18 51 14			
			iN	18 52 00			
			eLN?	18 54 22			
			eMN	18 59 42			
			F	20 40 ⁺			
15	Dec. 31	Iv	iEN	19 23 15			
			iEN	19 27 01			
			iEN	19 27 25			
			eEN	19 28 16			
			eEN	19 29 01			
			F	19 44 ⁺			

Notice: The Saint Xavier Station will publish its coordinates and a description of the instruments with their constants in the next issue of this bulletin.

SEISMOLOGICAL STATION
of
ST. XAVIER COLLEGE, CINCINNATI, OHIO:
Seismological Bulletins Received.
September, 1927.

<u>Stations</u>	<u>Bulletins</u>
Athens	July 15 - Dec. 31, 1925
Baku	Aug. - Dec., 1926; Jan. 1927.
Berkeley	April 1, 1925 - March 31, 1926.
Budapest	#7, 8, 9, 10, 11, 12., 1926.
Cartuja	#8 & 9, 1926.
Chicago	Jan. 24 - June 3, 1927.
Denver	#7, 8, 10., 1926.
Firenze	Jan., 1927.
Fordham	Jan. 1 - June 3, 1927.
Hamburg	Monthly, 1925, 1926; #4, 5, 6., 1927.
Hawaii	#2, 3., 1926.
Hohenheim	Jan. - Dec., 1926; Jan. - March, 1927.
Irkutsk	#4, 5, 6, 8, 11., 1926.
Koenigsberg	Jan. - Dec., 1924; Jan. - June, 1925.
Kucino	#4, 5, 6, 7, 11, 12., 1926; #1, 1927.
Leningrad	#4, 5, 6, 7, 8, 11, 12., 1926
Makeevka	#4, 5, 6, 8., 1926.
Manila	#20 - 29, 1926; #1 - 8, 1927.
Moncalieri	Jan. 1 - Dec. 30, 1925.
New-Orleans	June 26 - Oct. 19, 1926.
Ottawa	Oct. 1 - Dec. 30, 1926; Jan. - July, '27.
Paris	Oct. 1 - Dec. 30, 1926; Jan. - June, '27.
Piatigorsk	#1 - #12, 1926.
Pulkovo	#1, 4, 5, 6, 7, 8, 11, 12., '26; #1, 2., 1927.
Ravensburg	Jan. - Dec., 1926; Jan. - March, 1927.
Saint Louis	Report for 1925, 1926; Jan. - Aug., 1927.
Samoa	April - Dec., 1926; Jan. - March, 1927.
San Fernando	#9, 10, 1925.
Santa Clara	May 26 - June 30, 1926.
Madrid	Monthly #14, 15, 16, 17., 1925.
(Instituto geografico y catastral)	#18 - 29, 1926. #30, 31., 1927.
Spokane	July 11 - Sept. 30, 1926.
Strasbourg	Jan. - Dec., 1926; Jan. - June, 1927.
Sverdlovsk	#4, 5, 6, 7, 8, 11, 12., 1926; #1, 1927.
Tachkent	#1 - 3, 1924; #1, 1927.
Taihoku	Jan. - May, 1927.
Toronto	May - Dec., 1926; Jan. - April, 1927.
Victoria	May - Dec., 1926; Jan. - April, 1927.
Wellington	Reports for 1924, 1925, 1926; Jan., 1927.
U.S. Coast & Geodetic Sur.	Monthly reports for 1925
Zi-Ka-Wei	"8, 1926; "1, 1927.

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Annual, 1921.
"12, 1924.

SEISMOLOGICAL STATION
of
ST. XAVIER COLLEGE, CINCINNATI, OHIO.

Official Notice

We wish to inform the directors and Seismologists of the various Seismological Observatories of the world that the new Seismological station of St. Xavier College, Cincinnati, Ohio, is about to begin operation some time within the next few weeks. The five New Wood-Anderson Seismographs are erected and ready for operation. We hope to be able to publish our first bulletin for the month of October, 1927. We have been a member of the Jesuit Seismological Association for a year, but have not yet been able to contribute bulletins owing to the delay in shipment of our new instruments. We wish to thank those directors who have so faithfully sent us bulletins during the past year, and would be pleased to have them continue to send their bulletins. We will also exchange bulletins with other stations desiring to do so.

Vincent V. Herr, S.J.

Seismologist

Carl Joseph Weber

Assistant