

BULLETIN OF THE SEISMOGRAPHIC STATION -1-
OF THE
SAINT LOUIS UNIVERSITY, SAINT LOUIS, MISSOURI, U.S.A.
FOR THE YEAR 1924.

No.	Char.	Date	Phase	G. M. Time			Period	Trace Amp.		Remarks
				h.	m.	s.		s.	mm.	
1	Ir	Jan. 30	eP _{EN}	20	50	41				$\Delta=22^{\circ}5=2500\text{Km.}$
			eS _E	21	03	39				
			eS _N	21	03	42				
			eL _E	21	05	29				
			eL _N	21	05	36				
			M _E	21	07	13	10		1.6	
			M _N	21	07	13	10		1.6	
	F	21	18	±						
2	IIr	Mar. 4	eP _N	10	13	55				$\Delta=29^{\circ}=3220\text{Km.}$ Costa Rica.
			eP _E	10	14	00				
			L _N	10	19	00				
			L _E	10	19	43				
			M _{E1}	10	20	55	13		2.3	
			M _{E2}	10	21	02	8		4.8	
			F	10	52	±				
3	Iu	Mar. 15	eM _{EN}	11	14.9					$\Delta=80^{\circ}5$ Beginn- ing lost in microseisms. Epicenter Sak- halin Island.
			M _{N1}	11	17	19	25		0.2up	
			M _{E1}	11	17	23	25		0.4dwn	
			F	11	29	±				

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				h.	m.	s.			
4	I	Mar. 30	e	0	25	±			
			F	1	04	±			
5		Apr. 14	ePR _{1N}	16	41	00			Distance = 122° = 13560 Km. SE part of Mindanao
			ePR _{1E}	16	41	10			
			<u>S_CP_CS_E</u>	16	46	26			
			<u>S_CP_CS_N</u>	16	46	36			
			<u>S_CP_C P_CS_E</u>	16	48	00			
			ePS _E	16	50	53	9		
			ePS _N	16	51	12	14		
			e _N	16	56	40			
			PR _{2E} ¹ (SR ₁)	16	58	00			
			eL _N	17	12	27			
			eL _E	17	13	15			
			eM _N	17	19	00			
			eM _E	17	19	49			
			M _{E1}	17	23	00	28	1.6	
			M _{N1}	17	23	00	30	0.6	
M _{E2}	17	24	00	27	1.4				
M _{N2}	17	24	00	26	1.2				
F	18	39	±						

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			h.	m.	s.			
6	Apr. 21	P _N	20	05	51	s.	MM.	Distance= 22°9 = 2540 Km. West coast of Mexico.
		P _E	20	05	54			
		S _N	20	09	53			Large ampli- tudes but in- terfered by minute marks. L does not appear.
		S _E	20	09	55			
		F	20	33	-			

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				h.	m.	s.			
7		May 1	ePe	20	00	00			Distance=26.7° =2970 Km. Caribbean Sea, Albuquerque Cay.
	iPR _{2E}		20	00	49				
	iS _E		20	04	29	6	1		
	i		20	05	31	6	0.8		
	eSR _{1E}		20	05	34	6	1.2		
	i _E		20	05	37	6	1.4		
	iL _E		20	07	19				
	eM _E		20	08	56	22			
	M _{1E}		20	16	00	9	0.8		
	M _{2E}		20	16	04	9	1.2		
	F	20	47	-					
8		June 30	eP _E	15	56	31			Distance=78.6° = 8730 Km.
	iS _E		16	06	36	7	0.8 dwn.		
	i			06	39	7	1.6 up		
	PS _E			07	30				
	SR _{1E}			12	02				
	SR _{3E}			17	20				
	eL _E			18	23				
	eM _E			20	28				
	M _{1E}			30	14	19	0.4 dwn.		
			F		39-				

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No.	Char.	Date	Phase	G. M. Time			Period	Trace Amp.	Remarks
				h.	m.	s.			
9	Iu	July 3	PS _E	5	07	47			Tibet
			PS _N	5	07	50			
			SR _{1EN}	5	13	33			
			SR _{2E}	5	18	16			
			SR _{2N}	5	18	20			
			SR _{3N}	5	21	22			
			SR _{3E}	5	21	26			
			e _E	5	23	17			
			e _E	5	24	57			
			eL _{EN}	5	26	00			
			i _E	5	30	00			
			iM _{EN}	5	33	00			
			M _{E1}	5	34	22	33	0.6	
			M _{E2}	5	40	51	13	0.4	
			M _{N1}	5	45	51	22	0.8	
			F	6	00	†			

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No.	Char.	Date	Phase	G.M. Time			Period s.	Trace Amp. mm.	Remarks
				h.	m.	s.			
10	Iu	July 11	ePR _{2N}	20	05	00			Distance= 98.5=10950 Km. Turkes- tan
			iPR _{3N}	20	06	18			
			eS _N	20	09	37			
			iPS _{EN}	20	11	00			
			e _E	20	12	06			
			e _N	20	15	32			
			SR _{1E}	20	16	47			
			e _E	20	18	00			
			e _N	20	18	45			
			SR _{2EN}	20	21	00			
			SR _{3EN}	20	24	02			
			eL _{EN}	20	29	45			
			eM _{EN}	20	37	00			
			M _{N1}	20	51	28	20	1.2	
			M _{E1}	20	51	29	16	2.0	
			F	21	31	+ -			

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				h.	m.	s.			
11	Iu	Sept. 13	eP _E	14	46	56			Distance=91° = 10110 Km. Ep- icenter in Ar- menia about 45° E. Long., 38.5 N. Lat. Amplitudes very small.
			PR _{2E}	14	54	02			
			eS _E	14	58	16			
			i _E	14	58	27			
			i _E	14	59	00			
			i _E	14	59	24			
			i _E	15	00	06			
			eL _E	15	15	00			
			iM _E	15	28	00			
F	15	52 ⁺							
12	I	Oct. 17	e _E	4	37	46			Has the ap- pearance of a near earth- quake
			i _E	4	41	25			
			i _E	4	41	49			
			i _E	4	42	16			
			iL _E	4	43	00			
			F	4	49 ⁺				
13	Iv	Oct. 19	iP _{EN} (?)	15	54	02			Near shock
			L _E (?)	15	54	38			
			M _E	15	54	53	9	0.8	
			F	15	59 ⁺				

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				h.	m.		s.	Trace		Amp.
						s	mm	mm		
14	Iu	Oct. 20	iP _E	20	03	58				Distance=64° =7110 Km. Epicenter a- bout 55°N. Lat. and 166° E. Long. in the Komandor- ski Is.
			iP _N	20	03	59				
			iS _E	20	12	25	7	0.4		
			iS _N	20	12	25	5		0.2	
			PS _E	20	12	53				
			PS _N	20	12	54				
			e _E	20	20	04				
			e _{EN}	20	20	33				
			eL _{EN}	20	28	00				
			iM _E	20	31	17				
			iM _N	20	31	36				
			M _{1E}	20	32	27	19	0.6		
			M _{1N}	20	33	00	19		0.6	
			F	21	09	±				

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No.	Char.	Date	Phase	G.M. Time	Period	Trace Amp.		Remarks
						AE	AN	
15	Iu	Dec.28	eP _N	23 07 33(?)				Distance=79° = 8780 Km. Epi- center about 44° N. Lat. and 150° E. Long., S. of the Kur- ile Is.
			PR _{1E}	23 10 52				
			PR _{2N}	23 12 35				
			iS _E	23 17 42				
			eS _N	23 17 47				
			PS _E	23 18 37				
			PS _N	23 18 46				
			SR _{1N}	23 23 09				
			eL _E	23 34 00				
			iM _E	23 39 00				
			iM _N	23 39 20				
			M _{N1}	23 41 00	24		0.4	
			M _{E1}	23 44 00	22	0.4		End after 23h 59m when the record was changed.