

DEPARTMENT OF COMMERCE
U. S. Coast and Geodetic Survey

Preliminary Earthquake Report of the Seismological Station at
SITKA, Alaska.

Instruments: N-S, Bosch-Omori. T_0 - 17 s. V - 10. Damping: None.
E-W, " " " " " "

Date	Phase	Time	Period	Trace Amplitude		Remarks
				N	E	
1928		h. m. s.	s.	In 1/10 mm.		
Jan. 1	L _N	9 50 29	16	4		
	M _N	9 53 51				
	C _N	9 55 15				
	F	10 18 21				

F. P. Ulrich,
Observer in Charge.



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Date	Phase	Time	Period	Trace Amplitude		Remarks
				N	E	
1926		h. m. s.	s.	In 1/10 mm.		
Feb. 1	eP _N	0 08 41				
	iP _E	0 08 38				
	i	0 08 52				
	iL ₁	0 08 55		5	6	
	F	0 12.2				
Feb. 21	iP	19 53 39				
	iS _N	19 57 21				
	eL _{1N}	19 58 55				
	eL ₂ ?	19 59 21				
	M _{1N}	20 01 00	13	9		
	M _{1E}	20 01 52	4		1	
	F	20 29.0				
Feb. 26	eP _N	1 23 48				
	eP _E	1 23 52				
	iS _N	1 27 28				
	eL _{1N}	1 29 38				
	eL _{1E}	1 30 20				
	M _{1E}	1 32 23	4		2	
	M _{1N}	1 32 33	9	3		
	F	1 46				

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				N	E	
1928		h. m. s.	s.	In 1/10 mm.		
Mar. 9	ePR ₂ N	18 35 07				
	eL ₁ N	19 02 56				
	eL ₁ E	19 06.1				
	M ₁ N	19 10.5	18	4		
	M ₁ E	19 17.5	20		1	
	F	19 34				
Mar. 16	eL ₁ E	5 43 00				
	eL ₁ N	5 43.8				
	M ₁ E	5 48 04	20		2	
	M ₁ N	5 48 39	20	1		
	F	6 00				
Mar. 22	1P _E	4 26 06				
	1S _N	4 33 23				
	1S _E	4 33 38				
	e _E	4 42 15				
	L _N	4 44 44				
	L _E	4 44 54				
	M ₁ N	4 45 48	16	47		
	M ₁ E	4 45.5	18		270	
	F	5 15				

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Date	Phase	Time	Period	Trace Amplitude		Remarks
				N	E	
1928		h. m. s.	s.	In 1/10 mm.		
April						No earthquakes recorded.
May 1	e _E	19 05 12				
	e _N	19 05 49				
	F	19 21.0				
May 14	e _E	22 36.9				
	e _N	22 37 41				
	e _N	22 42 57				
	e _N	22 47 04				
	F	24 05				
May 27	e _N	10 07 58				No record on EW.
	e _{L₁N}	10 21 57				
	F	11 15				

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Date	Phase	Time	Period	Trace Amplitude		Remarks
				N	E	
1928		h. m. s.	s.	In 1/10 mm.		
June 17	ePN	3 28 33				* Maximum uncertain on both components as stylus went off trace.
	iPE	3 28 35				
	iPR ₁	3 30 32				
	eSN	3 35 30				
	eSE	3 35 55				
	iN	3 35 51				
	eN	3 37 15				
	eN	3 41 10				
	eE	3 43 15				
	eN	3 42 51				
	iL ₁ N	3 45 19				
	iL ₁ E	3 45 27				
	M ₁ N	3 48 29*	12	750		
	M ₁ E	3 49 09*	10		670	
	F	5 05				
June 21	iP	16 28 59				
	iSN	16 30 14				
	iL ₁ E	16 30 47				
	iL ₁ N	16 31 17				
	M ₁ E	16 32 59	14		380	
	M ₁ N	16 33 58	20	320		
	F	17 16				
June 29	eL ₁ N	23 24 51				
	M ₁ N	23 25 43	18	4		
	F	23 40				

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Date	Phase	Time	Period	Trace Amplitude		Remarks
				N	E	
1928		h. m. s.	s.	In 1/10 mm.		
July 18	e _N	19 31.8				Practically nothing on EW.
	eL _N	19 39.7				
	F	21.0				
Aug. 4	e _S	18 42 22				
	e _N	18 46.6				
	e _E	18 47.3				
	eL _N	18 50.2				
	eL _E	18 50.6				
	M _N	18 54 20	17	60		
	M _E	18 54 27	16		110	
F	20.2					

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U. S. Coast and Geodetic Survey,
Department of Commerce

Preliminary Earthquake Report of the Seismological Station at
SITKA, Alaska.

Instruments: Bosch Omori T_0 -- 17 s. V -- 10. Damping: None.
See quarterly seismological reports of the C. and G. Survey for other constants.

Date	Phase	Time h. m. s.	Period s.	Trace Amplitude		Remarks
				E	N	
1928				In 1/10 mm.		
Nov. 1	eLE	4 32 41	5			Possibly wind tremors and not of seismic origin. No preliminary waves.
	eLN	4 32 41	16			
	M _N	4 33 35	13		2	
	M _E	4 36 43	12	1		
	C _E	4 39 37	6			
	C _N	4 39 53	12			
	F _E	4 48 43				
	F _N	5 05 47				
Nov. 27	eLN	9 22 15	10			No definite maximum on NS. Distance 2900 km. Time of 0 - 9 09 48.
	eLE	9 22 21	15			
	M _{1E}	9 24 57	11	2		
	C _N	9 25 59	10			
	C _E	9 27 05	10			
	F _N	9 36 28	10			
	F _E	9 37 46	10			

Sitka, Alaska, December 5, 1928.

(Signed) Franklin P. Ulrich,
Observer in Charge.

The seismographs were not operating during November at the
Cheltenham and San Juan observatories.

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See quarterly seismological reports of the C. and G. Survey for other constants.

Date	Phase	Time	Period	Trace Amplitude		Remarks
				E	N	
1928		h. m. s.	s.	In 1/10 mm.		
Dec. 1	eS ₁ P ₀ S _{EN}	4 31 20	8			
	iPSE	4 33 56	20			
	ePS _N	4 34 00	9			
	iSR ₁ EN	4 40 19	18			
	L ₁ E	4 53.5	18			
	eLN	4 53.6	20			
	eLN	4 56.0	19			
	M ₁ E	5 16.0	20	14		
	M ₁ N	5 09.8	20		5	
	F	6.7				
Dec. 19	iSEN	12 01 30	8			
	iPSE	12 03 06	8			
	?eSR ₁ E	12 10 46	10			
	eLE	12 15.0	24			
	eLN	12 15.0	20		1	
	M ₁ E	12 23.4	23	4		
	F	13.3				

(Signed) F. P. Ulrich,
Observer in Charge.

Sitka, Alaska,
December 31, 1928.