



DEPARTMENT OF COMMERCE
U. S. Coast and Geodetic Survey

Preliminary Earthquake Report of the Seismological Station at
SITKA, Alaska

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

Date	Phase	Time	Period	Trace amplitude		Remarks
				E	N	
1929		h. m. s.	s.	In 1/10 mm.		
Jan. 13	?ePE	0 10 37				
	ePN	0 11 00				
	ePE	0 11 09				
	ePR ₁ E	0 12 37				
	iSE	0 16 38	18	133		
	iSN	0 16 38	14		80	
	iLN	0 19 36	16		135	
	eLE F	0 19 45 1.3	16	16		
Jan. 21	eN	10 34 50				
	eSN	10 35 39				
	eLE	10 35 51				
	M ₁ E	10 36 15	10	23		
	iLN	10 36 03	13		8	
	F	10 52				
Jan. 24	?eSN	20 54 20				
	?eSE	20 55 31				
	?eN	20 59 14				
	eLE	21 04.3				
	M ₁ E	21 11.6	16	6		
	eLN	21 05 24				
	F	21 32				

(Signed) F. P. Ulrich,
In Charge.

Sitka, Alaska,
Jan. 31, 1929.

DEPARTMENT OF COMMERCE
U. S. Coast and Geodetic Survey

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

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

Date 1929	Phase	Time h. m. s.	Period s.	Trace Amplitude		Remarks
				E	N	
				In 1/10 mm.		
Feb. 2	eSE	0 26 43				Nothing on NS.
	eSR ₁ E	0 33 46				
	eSR ₂ E	0 39 09				
	eLE	0 49 29				
	M ₁ E	1 00.4	18	1		
	F	1.8				
Feb. 26	ePE?	9 04 41				NS very weak. Phases uncertain.
	eS, L EN	9 07.7	6			
	eLE	9 08.6	18			
	M ₁ E	9 15.8	14	3		
	F	9.8				

(Signed) F. P. Ulrich,
In Charge.

Sitka, Alaska,
Feb. 28, 1929.

The seismographs at SAN JUAN, Porto Rico and CHELTENHAM, Maryland
were not in operation during December, 1928 and January and February, 1929.



DEPARTMENT OF COMMERCE
U. S. Coast and Geodetic Survey

Preliminary Earthquake Report of the Seismological Station at

SITKA, Alaska.

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

Date	Phase	Time		Period	Trace Amplitude		Remarks	
		h.	m.		s.	E		N
1929					In 1/10 mm.			
							NOTE: All absolute times in this report are uncertain -- time marker not operating.	
Mar. 3	iPE	9	04	08	1		Felt locally; intensity 5.	
	iPN	9	04	12	1			
	iLE	9	04	14	1			
	iLN	9	04	16	1			
	ME	9	04	16	2	44		
	MN	9	04	20	1	44		
	CN	9	05	36	4			
	CE	9	06	40	2			
	FN	9	25	37	5			
	FE	9	25	37	3			
Mar. 7	iPEN	1	39	50	18			
	M1E	1	40	58	18	266		
	iSEN	1	43	36	18			
	M1N	1	44	48	17	480		
	iLE	1	45	08	18			
	M2N	1	52	41	16	321		
	M2E	1	52	46	18	209		
	CE	3	19	56	12			
	CN	3	24	04	12			
	FE	4	48	03	10			
	FN	5	06	12	11			
Mar. 9	eLEN	11	43	55	22			No preliminary waves.
	MN	11	51	36	20	2		
	ME	11	52	00	20	2		
	FN	12	12	35	18			
	FE	12	19	06	18			

Sitka, Alaska.

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

DEPARTMENT OF COMMERCE
U. S. Coast and Geodetic Survey

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	
1929				In 1/10 mm.		
May 1	ePN	16 00 28	16			Interpretation uncertain.
	ePE	16 00 28	7			
	eE	16 05 40	14			
	eN	16 05 41	15			
	eN	16 16 25	11			
	eE	16 16 25	16			
	eN	16 19 42	19			
	eN	16 22 33	20			
	eLE	16 24 35	26			
	eL ₁ N	16 24 35	18			
	iL ₂ N	16 25 36	26			
	iL ₃ N	16 28 43	20			
	M _E	16 28 44	20	9		
	M _N	16 33 03	19		8	
F	17 08 18	15				
May 20	ePN	5 02 55	13			Record faint and uncertain. EW component dismantled.
	eSN	5 07 32	19			
	eLN	5 10 47	13			
	M _N	5 11 07	14		2	
	F	6 10 57	13			
May 26	iPN	22 41 32	7			First long wave swung to the north, then needle went to the south and off of the paper. EW component dismantled. (*) Amplitude measured to edge of seismogram only.
	iLN	22 42 47	30	577*		

Sitka, Alaska.

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

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, Wood-Anderson T_0 - 6.5 s. V - 7 Damping: 0.6

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

Date	Phase	Time	Period	Trace Amplitude		Remarks
				E	N	
1929		h. m. s.	s.	In 1/10 mm.		
June 9	iPE	8 11 56	4			0 - 8 ^h 08 ^m 59 ^s , distance 1250 km. Faint on NS. EW component from Wood-Anderson seismometer.
	eSE	8 13 54	5			
	iL ₁ E	8 14 18	5			
	eL ₁ N	8 14 24	8			
	M ₁ E	8 15 03	6			
	F	9 02 25				
June 9	iPE	9 22 44	7			0 - 9 ^h 18 ^m 49 ^s , distance 1850 km. EW component from seismometer.
	ePN	9 22 48	8			
	eSN	9 25 50	14			
	iSE	9 25 56	19			
	eLN	9 27 04	20			
	eLE	9 27 01	13			
	M ₁	9 31 34	16		1	
	M ₂	9 33 29	21	7		
	F	11 12 57				
June 10	iPE	23 32 18	12			0 - 23 ^h 30 ^m 18 ^s , distance 900 km. Too indefinite for interpretation on NS component.
	iSE	23 33 57	14			
	iLE	23 34 45	10			
	M ₁ E	23 34 45	10			
	F	23 48 18	10			
June 13	iPR ₁ E	0 27 10	10			0 - 0 ^h 05 ^m 26 ^s , distance 14,800 km.
	ePR ₁ N	0 27 10	15			
	iPR ₂ E	0 30 41	11			
	ePR ₂ N	0 30 41	15			
	eSN	0 38 34	18			
	iN	0 40 52	15			
	iSR ₁ E	0 41 12	11			
	iSR ₂ N	0 44 17	16			
	iSR ₂ E	0 44 28	9			
	iN	0 49 22	18			
	eL ₁ N	0 54 24	17			
	iL ₁ E	0 54 48	15			
	M ₁ N	0 54 38	15		2	
	M ₁ E	0 55 00	15	16		
	F	2 06 09				

Sitka - , June , 1929.

1929		h. m. s.	s.		
June 13	ePN	9 37 35	15		0 - 9 ^h 24 ^m 42 ^s , distance 9600 km.
	iPE	9 37 36	4		
	ePR ₁ N	9 41 26	15		
	ePR ₂ N	9 43 51	15		
	eSN	9 46 24	20		
	iSE	9 48 28	8		
	eSR ₁ N	9 54 17	20		
	eSR ₂ N	9 58 27	20		
	iE	10 01 28	22		
	iL ₁ E	10 08 08	20		
	eL ₁ N	10 08 17	20		
	M ₁ N	10 02 17	20	2	
	M ₁ E	10 12 05	21	12	
	F	11 50 59			
	June 16	iPE	22 11 09	4	
iSE		22 13 10	11		
iL ₁ E		22 13 33	5		
M ₁ E		22 13 52	7	10	
F		22 23 32			
June 16	iPE	22 28 12	4		0 - 22 ^h 25 ^m 53 ^s , distance 1050 km. No record on NS. Note: A slight sudden jog was recorded in all elements on the magnetogram at 22:13 and 22:30 which was the approximate time of the arrival of the long waves. These jogs may not have been due to seismic disturb- ances but only a coincidence that they occurred at the same time.
	iSE	22 30 03	7		
	iL ₁ E	22 30 27	6		
	M ₁ E	22 30 36	6	10	
	F	22 42 26			
June 16	iPR ₁ E	23 06 28	7		0 - 22 ^h 47 ^m 56 ^s , distance 11,550 km.
	ePR ₁ N	23 06 28	12		
	ePS _N	23 15 24	12		
	ePS _E	23 15 24	10		
	eSR ₁ N	23 21 47	20		
	eSR ₁ E	23 21 47	9		
	eSR ₂ N	23 25 57	16		
	eSR ₂ E	23 25 57	18		
	eL ₁ N	23 38 23	26		
	iL ₁ E	23 38 23	26		
	M ₁ N	23 44 31	20	7	
	M ₁ E	23 43 39	20	73	
	F	26 22 31			
	June 17				

Sitka - June, 1929.

- 3 -

1929		h. m. s.	s.		
June 22	eL _E	16 21 41	21		Just a series of long waves at this time; on EW component only.
	F	16 59 29			
June 27	eP _N	13 06 24	10		0 - 12 ^h 53 ^m 12 ^s , distance 10,250 km. EW record lost because of drifting of spot.
	ePR _{1N}	13 10 21	10		
	ePR _{2N}	13 13 06	12		
	ePS _N	13 18 29	13		
	eSR _{1N}	13 23 55	12		
	eSR _{2N}	13 26 20	14		
	eL _{1N}	12 57 35	19		
	M _{1N}	14 08 04	21	5	
F	15 58 40				

Sitka, Alaska.

F. P. Ulrich,
Observer in Charge.

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, Wood-Anderson T_0 - 6.5 s. V - ? Damping: 0.6

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

Date	Phase	Time	Period	Trace Amplitude		Remarks
				E	N	
1929		h. m. s.	s.	In 1/10 mm.		
July 4	iP _E	4 30 54	6			0 - 4 ^h 28 ^m 30 ^s , distance 1100 km.
	eP _N	4 30 58	4			
	iS _E	4 32 51	10			
	eS _N	4 32 52	12			
	iL _{1E}	4 33 24	8			
	eL _{1N}	4 33 26	12			
	M _{1N}	4 33 54	11		5	
	M _{1E}	4 33 49	10	140		
	F	5 33				
July 5	ePR _{1N}	14 24 43	6			0 - 14 ^h 17 ^m 54 ^s , distance 3200 km.
	iPR _{1E}	14 24 43	4			
	i _E	14 27 39	9			
	iS _N	14 28 58	16			
	iS _E	14 28 58	16			
	eL _{1N}	14 32 30	16			
	iL _{1E}	14 32 38	16			
	M _{1N}	14 37 58	16		15	
	M _{1E}	14 37 49	16	116		
	F	17 07				
July 5	e _N	22 42 23	12			0 - 22 ^h 32 ^m 12 ^s , distance 4300 km.
	e _E	22 42 23	5			
	eS _N	22 46 04	17			
	iS _E	22 46 04	8			
	iSR _{1E}	22 48 35	14			
	eL _{1N}	22 51 15	15			
	iL _{1E}	22 51 19	15			
	M _{1N}	22 52 33	16		10	
	M _{1E}	22 54 37	15	50		
	F	24 09				
July 6	iPR _{2E}	2 09 13	4			0 - 1 ^h 57 ^m 33 ^s , distance 5500 km.
	iS _E	2 13 48	5			
	eS _N	2 13 50	3			
	eSR _{1N}	2 17 34	4			

(continued)

1929		h. m. s.	s.		
July 6		(Continued)			
	iSR ₁ E	2 17 35	9		
	eSR ₂ N	2 19 02	9		
	iSR ₂ E	2 18 57	8		
	iL ₁ N	2 21 47	11		
	iL ₁ E	2 21 45	10		
	M ₁ N	2 22 38	15		2
	M ₁ E	2 20 48	12	37	
	F	4 49			
July 6	iP _E	10 08 15	6		0 - 9 ^h 57 ^m 33 ^s , distance
	ePR ₁ E	10 11 16	6		7250 km. No record on N-S.
	ePR ₂ E	10 12 33	7		
	eS _E	10 16 52	9		
	eSR ₁ E	10 22 03	8		
	eSR ₂ E	10 23 36	9		
	eL ₁ E	10 29 25	15		
	M ₁ E	10 30 36	13	18	
	F	11 14			
July 7	eP _N	21 28 49	8		0 - 21 ^h 23 ^m 22 ^s , distance
	iP _E	21 28 49	4		2700 km. L and M uncertain
	iS _E	21 33 09	19		on E-W because of rapidity of
	eS _N	21 35 11	8		motion.
	iSR ₁ N	21 34 21	18		
	iL ₁ N	21 35 14	17		
	M ₁ N	21 42 59	17	71	
	F	26 03			
July 8	eP _E	2 14 53	3		0 - 2 ^h 09 ^m 08 ^s , distance
	ePR ₁ E	2 15 13	4		2800 km. No record on N-S
	eS _E	2 19 42	7		instrument.
	eL ₁ E	2 21 38	15		
	M ₁ E	2 25 43	15	6	
	F	2 37			
July 8	eP _E	19 18 50	13		0 - 19 ^h 11 ^m 50 ^s , distance
	ePR ₁ E	19 19 39	7		3700 km. No record on N-S
	eS _E	19 24 24	15		instrument. F uncertain
	eL ₁ E	19 28 22	13		because of overlap.
	M ₁ E	19 30 20	15	10	
	F	20 27			
July 12	iP _E	15 57 00	4		0 - 15 ^h 54 ^m 26 ^s , distance
	iS _E	15 59 03	5		1200 km. No record on N-S
	iL ₁ E	15 59 34	7		instrument.
	M ₁ E	16 00 28	8	50	
	F	16 55			

Sitka - July, 1929.

1929		h. m. s.	s.			
July 14	eFN	9 44 37	3	23	2	0 - 9 ^h 36 ^m 45 ^s , distance 4450 km.
	iPE	9 44 37	5			
	iPR ₁ E	9 46 00	5			
	ePR ₁ N	9 46 01	3			
	ePR ₂ N	9 46 29	3			
	iPR ₂ E	9 46 29	5			
	iSN	9 50 50	5			
	iSE	9 50 50	7			
	iSR ₁ E	9 53 30	8			
	eSR ₁ N	9 53 31	5			
	eL ₁ E	9 56 25	8			
	eL ₂ E	9 57 59	15			
	eL ₁ N	9 58 02	12			
	M ₁ N	10 00 12	19			
	M ₂ E	10 02 49	18			
	F	11 39				
	July 15	ePE	7 57 14			
ePR ₁ E		7 57 53	4			
eE		8 00 51	4			
iSE		8 02 38	4			
eL ₁ E		8 06 40	7			
eL ₂ E		8 07 39	7			
M ₂ E		8 08 15	7			
F		8 58				
July 17	ePR ₁ E	8 44 00	4	15	2	0 - 8 ^h 37 ^m 00 ^s , distance 3700 km.
	iSE	8 48 23	8			
	eSN	8 48 23	4			
	iSR ₁ E	8 49 41	7			
	eL ₁ N	8 52 31	4			
	iL ₁ E	8 52 34	11			
	M ₁ E	8 57 30	14			
	M ₁ N	8 57 37	10			
	F	11 01				
July 18	iPE	6 17 11	2	12		0 - 6 ^h 16 ^m 11 ^s , distance 200 km. No record on N-S.
	iSE	6 17 32	4			
	iL ₁ E	6 17 41	4			
	M ₁ E	6 17 48	4			
	F	6 24				
July 23	ePR ₁ E	18 46 42	4			0 - 18 ^h 30 ^m 53 ^s , distance 9000 km. N component very faint and uncertain.
	ePR ₁ N	18 47 05	4			
	eSP _E	18 53 50	7			
	eSP _N	18 54 15	8			
	eSR ₁ E	18 59 10	7			
	eSR ₁ N	19 00 05	8			
	eSR ₂ E	19 02 46	7			

(continued)

Sitka - July, 1929.

1929		h. m. s.	s.		
July 23		(continued)			
	eL ₁ E	19 09 48	15		
	eL ₁ N	19 09 49	14		
	M ₁ N	19 12 37	13		2
	M ₁ E	19 15 58	13	14	
	F	19 45			

Sitka, Alaska.

F. P. Ulrich,
Observer in Charge.

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 - 15.6 s. V - 10 Damping: None.
E-W, Wood-Anderson T_0 - 6.4 s. V - ? Damping: ?

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	
1929				In 1/10 mm.		
Aug. 3	eSE?	22 55 29	11			Unable to determine F because of drifting and overlapping of curve. Nothing on N-S.
	eLE	23 00 38	13			
Aug. 4	ePE	23 08 48	10			Nothing on N-S.
	eL ₁ E	23 11 52	17			
	M ₁ E	23 13 58	16	3		
	F	23 33 50				
Aug. 8	iPR ₁ E	13 20 51	5			Weak record on N-S.
	iPR ₂ E	13 23 23	5			
	iSR ₁ E	13 34 53	16			
	iSR ₂ E	13 39 49	16			
	iL ₁ E	13 46 43	23			
	M ₁ E	13 49 05	21	13		
	F	14 40 01				
Aug. 12	iPE	11 44 45	3			0 - 11 ^h 43 ^m 19 ^s , distance 300 km. Nothing on N-S.
	iSE	11 45 01	6			
	iL ₁ E	11 45 27	9			
	M ₁ E	11 45 47	9			
	F	11 51 05				
Aug. 14	ePE	3 14 45	20			Phases uncertain, long small waves. Nothing on N-S.
	F	3 47 59	15			
Aug. 14	ePR ₁ E	14 34 54	5			Nothing on N-S.
	eE	14 36 39	9			
	eSE	14 39 48	9			
	eSR ₁ E	14 42 44	7			
	eSR ₂ E	14 43 42	7			
	iL ₁ E	14 46 33	10			
	M ₁ E	14 47 34	10	10		
	F	16 20 13				

Sitka - August, 1929.

- 2 -

1929		h. m. s.	s.		
Aug. 14	iP _E	19 06 58	4	30	0 - 19 ^h 02 ^m 22 ^s , distance 2200 km. Nothing on N-S.
	iPR _{1E}	19 07 33	4		
	eS _E	19 10 42	10		
	iL _{1E}	19 11 58	11		
	M _{1E}	19 13 16	9		
	F	20 21 10			
Aug. 15	iP _E	20 09 33	4	10	0 - 20 ^h 01 ^m 19 ^s , distance 4700 km. Nothing on N-S.
	ePR _{1E}	20 11 01	3		
	ePR _{2E}	20 11 21	3		
	iS _E	20 16 02	7		
	eSR _{1E}	20 18 49	4		
	eSR _{2E}	20 19 42	5		
	eL _{1E}	20 21 49	12		
	M _{1E}	20 34 16	11		
	F	21 06 46			
Aug. 17	iP _E	23 49 44	4	40	0 - 23 ^h 40 ^m 44 ^s , distance 5500 km.
	ePR _{1E}	23 51 39	4		
	ePR _{2E}	23 52 43	5		
	iS _E	23 56 58	5		
	eL _{1N}	24 05 42	13		
	eL _{1E}	24 05 44	25		
	iL _{2E}	24 08 12	13		
	iL _{2N}	24 08 16	12		
	M _E	24 09 40	13		
	M _N	24 09 46	13		
	C _E	24 17 52	11		
	F	24 46 56			
Aug. 18	iP _E	8 57 40	6		Unable to determine phases. No record on N-S.
	F	9 44 57			
Aug. 19	iPR _{2E}	3 03 38	6	6	0 - 2 ^h 45 ^m 42 ^s , distance 9100 km. Nothing on N-S.
	iSR _{1E}	3 14 12	14		
	iL _{1E}	3 25 36	16		
	M _{1E}	3 31 35	17		
	F	4 13 08			

Sitka, Alaska.

F. P. Ulrich,
Observer in Charge.

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, Wood-Anderson T_0 - 6.5 s. V - ? Damping: 0.6

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

Date	Phase	Time	Period	Trace Amplitude		Remarks
				E	N	
1929		h. m. s.	s.	In 1/10 mm.		
Sept. 1	iP _E	8 34 38	1			Nothing on NS. Felt locally, intensity 4.
	iL _{1E}	8 34 41				
	M _{1E}	8 34 49?	1	450		
	F	8 38				
Sept. 2	eP _E	11 35 51	4			Nothing on NS.
	M _{1E}	11 36 18	5	8		
	F	12 32				
Sept. 5	eL _{1E}	12 24 24	10	5		NS not operating.
	M _{1E}	12 27 41	8	7		
	F	12 32				
Sept. 17	iP _E	19 19 11	6	22		P and S not in evidence on NS.
	iS _E	19 20 26	7			
	iL _{1N}	19 20 57	11		70	
	iL _{1E}	19 20 58	7			
	M _{1N}	19 22 07	10		100	
	M _{1E}	19 24 18	6	95		
	F	20 21				
Sept. 21	iP _E	16 33 58	4			NS not operating.
	iS _E	16 37 15	8			
	iL _{1E}	16 38 20	7			
	M _{1E}	16 38 51	8	14		
	F	17 10				
Sept. 26	iP _E	5 58 31	3			NS not operating.
	iS _E	6 04 00	6			
	eSR _{2E}	6 05 36	9			
	iL _{1E}	6 07 58	11			
	M _{1E}	6 12 20	9	7		
	F	6 33				

Sitka - September, 1929.

- 2 -

1929		h. m. s.	s.		
Sept. 27	eP _E	23 31 59	4		NS not operating.
	iS _E	23 37 03	10		
	iL ₁ E	23 39 37	8		
	M ₁ E	23 39 57	8	6	
	F	23 58			

Washington, D. C., February 18, 1930.

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 - 15.6 s. V - 10 Damping: None
E-W, Wood-Anderson T_0 - 6.4 s. V - Damping: 0.65

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

Date	Phase	Time	Period	Trace Amplitude		Remarks
				E	N	
1929		h. m. s.	s.	In 1/10 mm.		
Oct. 6	iP _E	7 59 11	3			
	eP _N	7 59 12	2			
	iPR _{1E}	8 00 51	3			
	ePR _{1N}	8 00 58	6			
	iS _N	8 05 25	10			
	iS _E	8 05 30	10			
	iSR _{1N}	8 08 23	12			
	iSR _{1E}	8 08 23	10			
	iL _{1N}	8 11 13	8			
	iL _{1E}	8 11 13	9			
	M _{1N}	8 11 58	8			2
	M _{1E}	8 11 37	8	25		
	F	10 26 15				
Oct. 14	ePR _{1N}	10 08 41	3			
	ePR _{1E}	10 08 41	4			
	eS _E	10 13 37	4			
	iSR _{1E}	10 16 56	4			
	eSR _{1N}	10 17 07	4			
	eL _{1N}	10 20 38	8			
	iL _{1E}	10 20 34	9			
	M _{1N}	10 23 28	11			2
	M _{1E}	10 23 24	11	14		
	F	13 09 30				
Oct. 19	eSP _E	10 38 24	16			
	eSR _{1E}	10 44 20	12			
	eL _{1E}	10 58 04	25			
	M _{1E}	10 58 55	30	14		
	F	11 35				

Sitka, Alaska.

F. P. Ulrich,
Observer in Charge.

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 - 15.6 V - 10 Damping: none
E-W, Wood-Anderson T_0 - 6.4 V - 1599 Damping: 0.85
See quarterly seismological reports of the C. and G. Survey for other constant.

Date	Phase	Time	Period	Trace Amplitude		Remarks
				E	N	
1929		h. m. s.	s.	In 1/10 mm.		
Nov. 15	iSN	19 12 36	7			EW component not working at time.
	eN	19 15 03	10			
	iL ₁ N	19 22 54	16			
	M ₁ N	19 31 53	9		8	
	F	20 13				
Nov. 18	ePR ₁ N	20 42 52	6			EW component not working.
	eS _N	20 47 48	8			
	e?N	20 50 00	6			
	eSR ₁ N	20 51 32	11			
	iL ₁ N	20 56 44	11			
	M ₁ N	20 02 20	11		65	
	F	22 44				
Nov. 23	iP _E	0 25 19	8			No record on N-S component.
	iS _E	0 32 06	11			
	eL ₁ E	0 39 15	13			
	M ₁ E	0 43 15	13		6	
	F	1 13				

Sitka, Alaska.

F. P. Ulrich,
Observer in Charge.

DEPARTMENT OF COMMERCE
U. S. Coast and Geodetic Survey

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

Instruments: N-S, Bosch-Omori $T_0 - 15.6$ V - 10 Damping: None
E-W, Wood-Anderson $T_0 - 6.4$ V - 1599 Damping: 0.85

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

Date	Phase	Time	Period	Trace Amplitude		Remarks
				E	N	
1929		h. m. s.	s.	In 1/10 mm.		
Dec. 9	iP _E	7 15 10	6			
	iPR _{1E}	7 18 36	6			
	eS _N	7 23 30	7			
	eS _E	7 24 57	9			
	eSR _{1E}	7 29 54	9			
	eSR _{2E}	7 33 56	8			
	eL _{1N}	7 42 43	11			
	eL _{1E}	7 41 22	18			
	M _{1N}	7 59 18	12		3	
	M _{1E}	7 59 05	12	16		
	F	8 49 51				
Dec. 16	eP _E	11 48 37	12			
	M _{1E}	12 10 36	13	5		
	F	12 30 14	12			
Dec. 17	iP _E	11 04 47	11			
	eP _N	11 04 54	10			
	iPR _{1N}	11 05 49	11			
	iPR _{1E}	11 05 38	13			
	iS _N	11 09 25	11			
	iS _E	11 09 21	11			
	iSR _{1N}	11 10 41	11			
	iSR _{1E}	11 10 23	11			
	iL _{1N}	11 11 46	12			
	iL _{1E}	11 11 36	9			
	M _{1N}	11 22 01	12		541	
	M _{1E}	11 23 46	9	755		
		F	17 09 52			
	Dec. 17	eP _E	17 43 34	4		
iSR _{1E}		17 54 52	5			
eL _{1E}		17 59 48	13			
M _{1E}		18 01 24	13	5		
F		18 24 28				

Sitka - December, 1929.

- 2 -

1929		h. m. s.	s.		
Dec. 18	eP _E ?	5 13 07	5	2	Nothing on NS.
	iL _{1E}	5 17 16	12		
	M _{1E}	5 19 41	11		
	F	5 35 14			
Dec. 16	eP _E	14 00 08	4	4	Nothing on NS.
	M _E	14 24 32	11		
	F	14 43 17			
Dec. 19	iP _E	10 33 36	9	5	Nothing on NS.
	eL _{1E}	10 38 13	11		
	eL _{2E}	10 38 56	11		
	M _{1E}	10 41 10	12		
	F	11 01 41			
Dec. 19	eP _E	19 36 15	4	4	Nothing on NS.
	M _E	19 41 55	10		
	F	20 20 46			

Sitka, Alaska.

F. P. Ulrich,
Observer in Charge.