

OTTAWA

No.

Earthquake Station, Dominion Astronomical Observatory

LATITUDE 45° 23' 38", LONGITUDE 75° 42' 57" or 5^h 02^m 51^s.8 W. Greenwich, ALTITUDE 83m.



TIME : Mean Greenwich, midnight to midnight.

INSTRUMENTS : Two Bosch photographic horizontal pendulums, one Spindler and Hoyer 80 kg. vertical seismograph.

From January 1, to January 31, 1917. No. 1.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_Z		
			h. m. s.	s.	μ	μ	μ	km.	
728	Jan. 26	O	19-35-50					180	Local shock.
		PE	19-36-17						
		i	19-36-20						
		SN	19-36-37						
		SE	19-36-38						
		F	19-37.1						
729	" 30	O	2-45-43					7440	Fine record.
		P	2-56-34	2					
		S	3-05-26						
		eL	3-13.4	24-26					
		L	3-16.0	40					
		L	3-22.0	20					
		M	3-24.0	16	200	750			
		L	3-30	16					
		L	3-40	15					
		L	3-50	15					
730	" 31	F	4-05	13					
		F	6-10						
		iN	4-21-07						
		eE	4-21-20	2					
		eLN	5-04.0	36					
		L	5-10	24					
L	5-14	22							
L	5-20	20							
		F	5-45						

O. H. ...

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Seismological
Centre

TIME : Mean Greenwich, midnight to midnight.

INSTRUMENTS : Two Bosch photographic horizontal pendulums, one Spindler and Hoyer 80 kg. vertical seismograph.

From February 1, to February 28, 1917. No. 2.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_Z		
			h. m. s.	s.	μ	μ	μ	km.	
731	Feb, 12	e?	9-38-20						Strong micros on N. mask much.
		cLE	10-00	20					
		cLN	10-05	20					
		LN	10-13	20					
		LE	10-17	18					
		F	-----						
732	" 15	O	0-48-33					8420	
		P	1-00-16	4					
		SN	1-09-57						
		SE	1-09-58						
		eL	1-22.0	30					
		L	1-26	30					
		L	1-32	20					
		L	1-37	17					
		L	1-50	15					
F	2-15								
733	" 20	O	19-29-31					2900	
		iP	19-35-18						
		eP	19-35-22						
		S	19-39-54						
		eL	19-43.7						
		M	19-45.3	12	350	200			
		LN	20-00	17					
		L	20-12 to	11					
			20-17						
		LN	20-26	12					
LN	20-45	12							
F	21-30								

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LATITUDE 45° 23' 38", LONGITUDE 75° 42' 57" or 5^h 02^m 51^s.8 W. Greenwich, ALTITUDE 83m. International Seismological Centre

TIME : Mean Greenwich, midnight to midnight.

INSTRUMENTS : Two Bosch photographic horizontal pendulums, one Spindler and Hoyer 80 kg. vertical seismograph.

From March 1, *to* March 31, 1917. No. 3.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_Z		
			h. m. s.	s.	μ	μ	μ	km.	
734	March 3	O	10-14-20					2840	
		PN	10-20-01						
		PE	10-20-04						
		SN	10-24-32						
		SE	10-24-37						
		eL	10-27.3	20					
		L	10-31	14					
		L	10-40	10					
		F	11-10						
735	" 6	O	3-05.3					4000 approx.	Seismograph clockwork stopped. Record from the Deformation Instrument where 17 mm. equals one hour.
		F	3-12.6						
		S	3-18.4						
		L	3-22.3						
		F	4-20						
736	" 15	FN?	0-41-14					7100?	
		PE?	0-41-16						
		SE?	0-49-50						
		SN?	0-49-51						
		L	1-02	20					
		L	1-06	20					
		L	1-11	19					
		F	1-30						
737	" 26	e	14-18-14						
		i	14-18-34						
		eLE?	14-19-37	8					
		LE?	14-23	8					
		F	14-35						
738	" 26	eE	14-42-48						
		iN	14-43-07						
		iE	14-43-08						
		eLE?	14-44-09	8					
		LE?	14-46	8					
		F	14-57						

O. H. H. H.

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TIME : Mean Greenwich, midnight to midnight.

INSTRUMENTS : Two Bosch photographic horizontal pendulums, one Spindler and Hoyer 80 kg. vertical seismograph.

From April 1,

to April 30, 1917.

No. 4.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_Z		
			h. m. s.	s.	μ	μ	μ	km.	
739	Apr. 21	i L F	1-12-50 1-28 to 1-37 1-50	17					Micros mask.
740	" 28	eE iE iE SE? SN? F	16-13-21 16-14-18 16-15-14 16-16-54 16-16-57 16-35	1-2 1-2 1-2 3 2					
741	" 29	L	8-57	10					
742	" 29	eE? eN? e ? eSN? eSE? L LN F	12-05-16 12-05-30 12-07-29 12-17-22 12-17-34 12-40 to 12-44 12-47 13-05	20 14					Δ Probably of the order of 11000 km. L well marked.

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International
Seismological
Centre

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TIME : Mean Greenwich, midnight to midnight.

INSTRUMENTS : Two Bosch photographic horizontal pendulums, one Spindler and Hoyer 80 kg. vertical seismograph.

From May 1.

to May 3. 1917.

No. 5.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_Z		
			h. m. s.	s.	μ	μ	μ	km.	
743	May 1	O	18-27 approximately.					12900 approx.	
		eE?	18-42-00						
		iSN	18-54-58						
		eE	18-56-28		20				
		iN	18-56-54						
		eN	19-15 to		(56.52, 48)				
			19-21			(40.34, 26)			
		eLE	19-23.6		30				
		eLN	19-24.0		24				
		MN	19-35.0		18		180		
		L	19-40		16				
		L	19-47		16				
		L	20-00		16				
		L	20-19		15				
		LR1N	20-25		40				
		LR1E	20-26		24				
		L	20-31		25				
L	20-42		20						
F	21-40								
744	" 2	eL	2-28						
		L	2-40 to 2-50		16				
745	" 2	eL	4-01						
		L	4-01 to 4-15		20 to 16				
746	" 2	eLN	15-08.3						
		L	15-17 to 15-30		20				
747	" 3	eLN	12-56						
		L	13-08		18				
		F	13-35						

Otto Lohm

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TIME : Mean Greenwich, midnight to midnight.

INSTRUMENTS : Two Bosch photographic horizontal pendulums, one Spindler and Hoyer 80 kg. vertical seismograph.

From May 4.

to May 28, 1917. No. 6.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_Z		
			h. m. s.	s.	μ	μ	μ	km.	
748	May 4	eP _N ?	1-33-23					5000?	
		eP _E ?	1-33-26						
		S _E ?	1-40-06						
		S _N ?	1-40-10						
		eL _N	1-47.6	18					
		eL _E	1-48.4	18					
		L	1-56 to	18 to					
		F	2-22	15					
			2-45						
749	" 9	O	16-02-45					8380	
		eP _E	16-14-25						
		eP _N	16-14-26						
		S _E	16-24-02						
		S _N	16-24-05						
		eL _N	16-39.0	20					
		L	16-44.4	40					
		L	16-56	20					
		L	17-10	11					
		F	17-45						
750	" 22	eP	9-00-34					30	Local shock. A few people were awakened, 4 A.M.
		S _E	9-00-37						
		F	9-00-42						
751	" 25	eP?	14-59-10					950?	
		eL?	15-01-14	8					
		F	15-15						
752	" 28	eP _E ?	6-22-40						
		eP _L ?	6-23-09						
		eL _N	6-24-30	7					
		eL _E	6-25.6	8					
		F	6-32						

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INSTRUMENTS : Two Bosch photographic horizontal pendulums, one Spindler and Hoyer 80 kg. vertical seismograph.

From May 29, *to* May 31, 1917. No. 7.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_Z		
			h. m. s.	s.	μ	μ	μ	km.	
753	May 31	O	8-47-23					5580	
		iPN	8-56-28.5						
		ePE	8-56-29						
		SR1	9-07-36						
		eL	9-12.0	10					
		L	9-16	20					
		M	9-17.5	20	35	165			
		L	9-33	16-14					
		L	9-44	14-12					
		L	9-55	13-12					
		L	10-02	11					
		LR1N?	11-16.5	10					
F	11-45								
754	" 31	eL	19-56 to 20-08	20					

Otto Klobes

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No.

International
Seismological
Centre

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TIME : Mean Greenwich, midnight to midnight.

INSTRUMENTS : Two Bosch photographic horizontal pendulums, one Spindler and Hoyer 80 kg. vertical seismograph.

From June 1, to June 4, 1917. No. 8.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_z		
					μ	μ	μ		
			h. m. s.	s.			km.		
755	June 1	eP _N	17-07-10						
		eP _E ?	17-07-14						
		i _N	17-07-35						
		i _E	17-07-40						
		i _E	17-09-23						
		eL?	17-09-32	8					
		L _E	17-10-30	8					
		F	17-20						
756	" 3	eP _N	7-06-13						
		i _N	7-06-35						
		eL _N ?	7-07-48	10					
		i _E	7-09-30						
		L _E	7-09-36	10					
		F	7-20						
757	" 3	eP?	19-53-36						
		eL	20-01-26	8					
		F	20-15						
758	" 4	O?	1-26-45				7100?		
		eP?	1-37-18						
		S _E	1-45-52						
		S _N	1-46-05						
		L	1-57.0	20					
		L	2-00	18-17					
		L _E	2-16	12					
		F	2-30						

Otto Neuhof

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INSTRUMENTS : Two Bosch photographic horizontal pendulums, one Spindler and Hoyer 80 kg. vertical seismograph.

From June 1, to June 9, 1917. No. 9.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_Z		
			h. m. s.	s.	μ	μ	μ	km.	
759	June 8	O?	0-51-19					3730?	Press report San Salvador destroyed.
		eP?	0-58-17						
		iP _N	0-58-24.5						
		iS _N	1-03-48						
		eL	1-08		28				
		M	1-10		20-16	30	60		
		L	1-15		16-18				
		L	1-32		12				
LR ₁ ?	3-19		13						
F	3-55								
760	" 9	eN	17-57.3						
		eLN	18-03.3						
		L	18-05		18				
		L	18-11		18				
		L	18-23		15				
F	18-40								
761	" 10	O	4-32-30					3940	
		iP _E	4-39-44						
		i	4-41-10						
		S _E	4-45-28						
		eL	4-50.0		10				
		M	4-54.7		20-13	17	80		
		L	5-13		8				
L	5-30		7						
F	6-30								
762	" 12	e	2-03-47					560	Felt in lower St. Lawrence.
		i	2-04-07						
		P _V ?	2-02-45						
		S _V	2-03-47						
		L _V	2-04-06						
		F	2-06						
		O	2-01-29						

O.H. Jones

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INSTRUMENTS : Two Bosch photographic horizontal pendulums, one Spindler and Hoyer 80 kg. vertical seismograph.

From June 13, *to* June 24, 1917. No. 10.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A _E	A _N	A _Z		
			h. m. s.	s.	μ	μ	μ	km.	
763	June 13	O	6-48-50					9450	
		eP	7-01-25						
		eS _N ?	7-11-50						
		iSE	7-11-58						
		eL _N	7-29.4	17					
		L	7-35	20					
		M	7-50	17	10	30	Fine sinusoidal waves at M.		
		M	7-55	16					
		M	8-05	15					
		ME	8-10	15					
		?LR _{1N}	8-48	27					
L	9-10	20							
?LR _{2N}	10-06	17							
F	10-25								
764	" 16	e	15-55-56						
		e	16-03-20						
		eL	16-09.7	16-8					
		F	16-30						
765	" 16	e	22-57-08						
		eL _N	23-09.3	11					
		eLE	23-10.7	18					
		F	23-30						
766	" 22	O	5-28-45				5650		
		P	5-37-54						
		S	5-45-11						
		L	5-53.3	20					
767	" 24	O?	19-54-55				7960?		
		P?	20-06-14						
		S	20-15-32						
		eL?	20-39.8	17					
		L	20-50	17					
		L	21-06	16					
		F	21-18	12					

Otto Neufeld

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International
Seismological
Centre

TIME : Mean Greenwich, midnight to midnight.

INSTRUMENTS : Two Bosch photographic horizontal pendulums, one Spindler and Hoyer 80 kg. vertical seismograph.

From June 25, to June 29, 1917. No. 11.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_Z		
			h. m. s.	s.	μ	μ	μ	km.	
768	June 26	O	5-50-53					10000	
		P _E	6-03-55						
		S _E	6-14-53						
		eL _E	6-32	20					
		eL _N	6-34	40					
		M _N	6-47	20	70	140			
		L	7-00	16					
		L	7-45	15-18					
		LR _L	8-02	24					
		L	8-08	16-19					
LR _{2N}	9-53	24							
F	10-25								
769	" 27	eN	12-03					1910	Apparently several quakes.
		iN	12-16-32						
		LN	12-26.8	13					
		iN	12-34-00	2					
		iN	12-35-35	2					
		P	12-40-00						
		S	12-43-15						
		LN	12-45.0	25					
		LE	12-46.6	22					
		F	14-00						
O	12-35-58								
770	" 28	eL _N	14-47	20					
		L	14-55	18					
		F	15-20						
771	" 29	O?	16-06-53					4050?	
		P _E	16-14-15						
		S _N	16-20-05						
		eL _N	16-22.9	8					
		eL _E	16-23.9	8					
		M _E	16-27.9	8	50				
		L _N	16-30	8					
		L	16-35	6					
F	17-05								

O. H. ...

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TIME : Mean Greenwich, midnight to midnight.

INSTRUMENTS : Two Bosch photographic horizontal pendulums, one Spindler and Hoyer 80 kg. vertical seismograph.

From June 30, *to* June 30, 1917. No. 12.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_Z		
			h. m. s.	s.	μ	μ	μ	km.	
772	June 30	O	17-50-25					4150	
		P _N	17-57-54						
		S _E	18-03-50						
		L	18-10.0	24					
		L	18-15	18-15					
		L	18-35	15					
		F	18-50						

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TIME : Mean Greenwich, midnight to midnight.

INSTRUMENTS : Two Bosch photographic horizontal pendulums, one Spindler and Hoyer 80 kg. vertical seismograph.

From July 1, to July 12, 1917. No. 13.

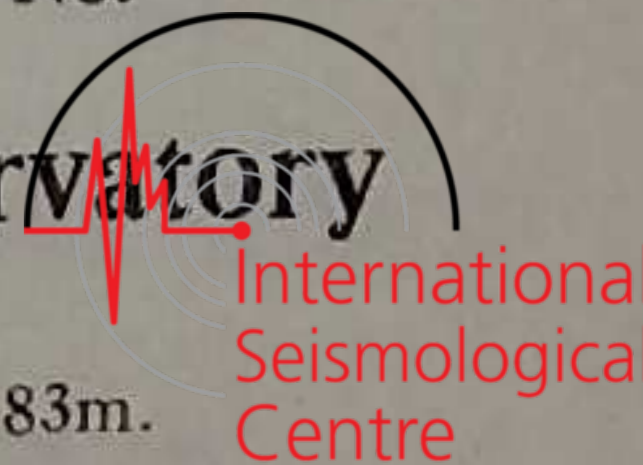
No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_Z		
773	July 1	i	13-36-59	s. 2	μ	μ	μ	km.	
		i	13-37-33	4					
		L _E	13-48.0	24					
		F	14-00						
774	" 4	O?	0-48-54					4800?	
		ePE?	0-57-06						
		iIN?	0-57-11	2					
		iSE?	1-03-38						
		iSN?	1-03-42						
		eIN?	1-11	14					
		eLE?	1-12	14					
		L	1-25	40					
		L	1-32	30					
		L	1-38	20					
		I.	1-44	19					
		L	1-49	15					
		L	2-09	16					
		L	2-22	16					
		F	2-40						
775	" 4	O?	5-46-55					4720?	
		iP ?	5-55-04						
		iS ?	6-01-31						
		eL ?	6-07.0	20					
		L	6-32	32					
		L	6-37	27					
		L	6-42	20					
		L	6-45 to	17 to					
			7-02	14					
		F	7-20						
776	" 12	oL	12-41.4	20-25					
		L	12-48	22					
		L	13-00	18					
		F	14-00						

Otto Klobas

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INSTRUMENTS : Two Bosch photographic horizontal pendulums, one Spindler and Hoyer 80 kg. vertical seismograph.

From July 13, to July 25, 1917. No. 14.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_Z		
			h. m. s.	s.	μ	μ	μ	km.	
777	July 13	O?	5-16-47					4400?	
		eP?	5-24-34						
		iPR ₁ E	5-25-41						
		iPR ₂ E?	5-26-13						
		eS _N ?	5-30-27	8					
		eS _E ?	5-30-31						
		i	5-30-50						
		eL	5-34.2	14					
		L	5-40	14					
		F	6-00						
778	" 15	e _N	10-45.0	4					
		e _N	10-47.4	4					
		e _N	10-50-48	7					
		e _N	10-54-32	6					
		eL _N	11-00.7	16					
		L _N	11-05 to						
		F	11-33	20					
		F	11-45						
779	" 25	O	3-19-12					5660	
		iP	3-28-22						
		iS	3-35-40						
		eL	3-44.3	8					
		L	3-50	16					
		L	4-10	13					
		F	5-00						
780	" 25	O	22-32-54					5710	
		iP	22-42-07						
		iS	22-49-28	6					
		eL	22-58-04	8					
		L	23-04	16					
		L	23-14	7					
		L	23-28	7					
		F	24-00						

O. H. ...

OTTAWA

No.

Earthquake Station, Dominion Astronomical Observatory

LATITUDE 45° 23' 38", LONGITUDE 75° 42' 57" or 5^h 02^m 51.8 W. Greenwich, ALTITUDE 83m.



TIME : Mean Greenwich, midnight to midnight.

INSTRUMENTS : Two Bosch photographic horizontal pendulums, one Spindler and Hoyer 80 kg. vertical seismograph.

From July 26, to July 27, 1917. No. 15.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_Z		
			h. m. s.	s.	μ	μ	μ	km.	
781	July 27	O	1-01-16					2900	
		eP _N	1-07-02						
		iP _N	1-07-04						
		iS	1-11-39	8					
		eL _E	1-13.5	20					
		L _E	1-16.0	14					
		M _N	1-22.7	12		190			
		L	1-30	14					
		L	1-55	12					
		L	2-07	14					
		L	2-38	12					
Merges into another quake.									
782	" 27	O	2-51-33					8550	
		iP	3-03-23						
		iS	3-13-11						
		eL	3-30	24					
		L	3-40	20					
		L	3-55	17					
		L	4-19	15					
		LR ₁ ?	5-11	18					
		L	5-17	14					
F	6-00								
783	" 27	O?	16-13-40					3550?	
		P?	16-20-24						
		S?	16-25-44						
		eL	16-28	17-18					
		L	16-36	14					
		L	16-53	13					
L	17-13	12							

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Earthquake Station, Dominion Astronomical Observatory

LATITUDE 45° 23' 38", LONGITUDE 75° 42' 57" or 5^h 02^m 51^s.8 W. Greenwich, ALTITUDE 83m.

International
Seismological
Centre

TIME : Mean Greenwich, midnight to midnight.

INSTRUMENTS : Two Bosch photographic horizontal pendulums, one Spindler and Hoyer 80 kg. vertical seismograph.

From July 28, to July 31, 1917. No. 16.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_Z		
			h. m. s.	s.	μ	μ	μ	km.	
784	July 28	e? eL L F	1-30-16 1-44.8 1-53 2-30						
785	" 29	O? eP? iP _E S _N ? e L? L L L F	14-46-49 14-55-26 14-55-47 15-02-33 15-11.2 15-15 15-24 15-30 16-10					5300?	
786	" 29	P i i i M M F	22-12.8 22-16.2 22-25.2 22-30.6 22-57.8 23-52.2 25-00						No record from Seismograph. Clock stopped. Record from " Deformation " Instrument, - Scale 17.7 mm. per. hr.
787	" 31	e _N e _E e _J ? L L L F F	0-20 ca. 0-20-28 0-46 0-53 1-00 1-05 1-13 1-40						Micros Mask.

Otto Neuhof

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No.

Earthquake Station, Dominion Astronomical Observatory

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International
Seismological
Centre

TIME : Mean Greenwich, midnight to midnight.

INSTRUMENTS : Two Bosch photographic horizontal pendulums, one Spindler and Hoyer 80 kg. vertical seismograph.

From July 31, *to* July 31, 1917. No. 17.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_Z		
			h. m. s.	s.	μ	μ	μ	km.	
788	July 31.	O?	3-24-11					8000 ?	
		iP?	3-35-32	4					
		i	3-39-10	2					
		iS?	3-44-53	2					
		i	3-46-30	6					
		i	3-48-50	6		Micros	Mask.		
		eI _E ?	3-54.7	12					
		eI _N ?	3-58	20					
		L	4-05	22					
		L	4-10	20					
		L	4-24	20					
		L	4-40	18					
F	5-00								

Otto Neohs

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Earthquake Station, Dominion Astronomical Observatory



LATITUDE 45° 23' 38", LONGITUDE 75° 42' 57" or 5 02^m 51^s.8 W. Greenwich, ALTITUDE 83m.

TIME : Mean Greenwich, midnight to midnight.

INSTRUMENTS : Two Bosch photographic horizontal pendulums, one Spindler and Hoyer 80 kg. vertical seismograph.

From August 1, to August 21, 1917. No. 18.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					<i>A_E</i>	<i>A_N</i>	<i>A_Z</i>		
			h. m. s.	s.	μ	μ	μ	km.	
789	Aug. 5	O	15-50.8					14000 ca. New Zealand from press report. From 16-50 onwards the L waves are more or less continually sinuous.	
		e _N	16-09-52						
		iPR	16-11-45						
		iS	16-21-50	8					
		e _N	16-29	11					
		e _E	16-30	20					
		L	16-51	15					
		L	17-00	18-19					
		L	17-08	17					
		L	17-11	17					
		L	17-17	15					
		L	17-27	15					
		L	17-35	15					
		LR ₁	17-56	20					
F	18-10								
790	" 9	eL _N	16-30	14					
		L _N	16-40	14					
		F	17-00						
791	" 21	O?	10-44-32					4450?	
		eP?	10-52-22						
		eS	10-58-34						
		eL _N	11-06.6	20					
		L	11-09	14					
F	11-25								
792	" 21	L	22-17	20-22					
		F	22-30						

O.H. Blokh

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No.

Earthquake Station, Dominion Astronomical Observatory

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International
Seismological
Centre

TIME : Mean Greenwich, midnight to midnight.

INSTRUMENTS : Two Bosch photographic horizontal pendulums, one Spindler and Hoyer 80 kg. vertical seismograph.

From August 22, to August 31, 1917. No. 19.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					<i>A_E</i>	<i>A_N</i>	<i>A_Z</i>		
			h. m. s.	s.	μ	μ	μ	km.	
793	Aug. 30	O	3-24-10					4530	Fairly strong micros prevail.
		iP	3-32-06	2					
		iS	3-38-22						
		eL?	3-41.3	16					
		L	3-51						
		F	4-07						
794	" 30	O	4-15-36					7650	
		P	4-26-38						
		iPR ₁	4-29-53						
		P ₂	4-31.11						
		S	4-35-40						
		eL	4-48.3	20					
		L	4-53	20					
		L	5-03	15					
		L	5-20	20					
		L	5-33	17					
		L	5-49	17					
LR ₁ ?	6-06	30							
F	6-35								
795	" 31	O	11-36-20					4470	Colombia.
		iP _N	11-44-12	2-4					
		iS	11-50-25	6-8					
		eL _E	11-56.5	20					
		eL _N	11-57.0	20					
		L	12-02	20					
		L	12-05	16-15					
		L	12-13	16-15					
		L	12-24	15					
		L	12-44	13					
		F	13-10						

O. H. ...

OTTAWA

Earthquake Station, Dominion Astronomical Observatory



LATITUDE 45° 23' 38", LONGITUDE 75° 42' 57" or 5 02^m 51^s.8 W. Greenwich, ALTITUDE 83m.

TIME : Mean Greenwich, midnight to midnight.

INSTRUMENTS : Two Bosch photographic horizontal pendulums, one Spindler and Hoyer 80 kg. vertical seismograph.

From **September 1,** *to* **September 30, 1917.** No. 20.

No.	DATE	PHASE	TIME			PERIOD	AMPLITUDE			DISTANCE	REMARKS
							A_E	A_N	A_z		
			h.	m.	s.	s.	μ	μ	μ	km.	
796	Sep. 20	oL	3-	54	to	18					
			4-	15							

Otto Neuhoff

OTTAWA

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Earthquake Station, Dominion Astronomical Observatory

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International
Seismological
Centre

TIME : Mean Greenwich, midnight to midnight.

INSTRUMENTS : Two Bosch photographic horizontal pendulums, one Spindler and Hoyer 80 kg. vertical seismograph.

From October 1, *to* October 31, 1917. No. 21.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_Z		
			h. m. s.	s.	μ	μ	μ	km.	
797	Oct. 7	O P S _E L	14-55-49 15-01-21 15-05-45 15-08-24					2750	Readings from the Deformation Instrument
798	" 13	eL	4-40	20					
799	" 19	O PN SN eL? L L F	15-27-11 15-43-59 15-49-23 15-53.5 15-56 16-00 16-20					3600	A further outcrop of short period waves resembling P on both components at 15-54.
800	" 22	e L	7-53-50 7-40 to 7-50	2 17					

O. H. ...

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Earthquake Station, Dominion Astronomical Observatory

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International
Seismological
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TIME : Mean Greenwich, midnight to midnight.

INSTRUMENTS : Two Bosch photographic horizontal pendulums, one Spindler and Hoyer 80 kg. vertical seismograph.

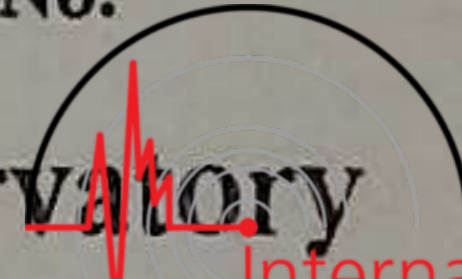
From **November 1,** to **November 16, 1917.** No.22.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					<i>A_E</i>	<i>A_N</i>	<i>A_Z</i>		
<p>Note: In the October Bulletin, for No. 799, Oct. 19th. read 16hr. instead of 15 hr. and in 0 read 37 min. instead of 27 min.</p>									
801	Nov. 4	eL _E	13-07 to 13-40	16s					
802	" 7	e eL? F	1-50-34 to 1-51-12 1-53 1-59	9s					
803	" 8	e eE eE eE e eE F	5-49 5-51.7 6-05-47 6-06-13 6-06-56 6-09 to 6-10.5 6-15	6s 6s 1.5 2s 6s 8s					
804	" 14	eL iL_N L F	9-49 to 9-56 9-57 10-02 10-10	20s 16s 16s					
805	" 15	eL _N	1-51 to 1-59	14s					
806	" 16	O P i S SR ₁ eL ₁ L L L L L L LR ₁ F	3-26-09 3-38-50 3-47-35 3-49-28 3-55-50 4-09 4-13 4-25 4-35 4-48 4-55 5-05 5-26 6-00	8s 10s 50s 26s 17s 17s 15s 14s 14s 26s			9560		

OTTAWA

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LATITUDE 45° 23' 38", LONGITUDE 75° 42' 57" or 5^h 02^m 51^s.8 W. Greenwich, ALTITUDE 83m.

TIME : Mean Greenwich, midnight to midnight.

INSTRUMENTS : Two Bosch photographic horizontal pendulums, one Spindler and Hoyer 80 kg. vertical seismograph.

From November 16, *to* November 30, 1917. No. 23.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_Z		
			h. m. s.	s.	μ	μ	μ	km.	
807	Nov. 16	eLN	23-22 to 23-29	24s					
808	" 18	eN eLN L LN F	3-17-40 3-57 4-10 to 4-15 4-25 4-35	5s 30s 24s 16s					NS masked considerably by Micros.
809	" 24	eLN	12-10 to 12-18	24s					NS masked by Micros.

Note: Dr. Klotz, since assuming the Directorship of the Observatory will be unable to read all the seismograms, probably only those of tectonic origin. All the grams will be read by Ernest A. Hodgson, Seismologist in charge.

OTTAWA

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Earthquake Station, Dominion Astronomical Observatory

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LATITUDE 45° 23' 38", LONGITUDE 75° 42' 57" or 5^h 02^m 51.8 W. Greenwich, ALTITUDE 83m.

TIME : Mean Greenwich, midnight to midnight.

INSTRUMENTS : Two Bosch photographic horizontal pendulums, one Spindler and Hoyer 80 kg. vertical seismograph.

From December 1st., *to* December 26th., 1917. No. 24.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A _E	A _N	A _Z		
810	Dec 21	O	17 ^h -54 ^m -45		μ	μ	μ	5040	
		P	18-03-16						
		S	18-10-00						
		SR ₁	18-13-00						
		LN	18-17	24					
		MN	18-22	20		200			
		L	18-25	12					
		L	18-41	12					
		L	18-46	10					
		L	19-10	10					
		LR ₁ ?	20-25	irreg.					
		F	21 hr.						
811	" 21	eN	21-07-44 to		Δ Probably of the order of about 5000 km. The quake resembles the preceding one, but is less intense.				
			21-13	4					
		eN	21-13.5	8					
		eL?	21-17	16					
		L	21-18 to	16					
			21-25	12					
		L	21-33	12					
		LN	21-40	10					
		F	22-10						
812	" 23	eLN	14-37 to						
			14-45	12					
		LN	14-50 to						
			14-55	8					
		F	15-00						
813	" 23	eSN?	16-05	5					
		eLN	16-07.5	15					
		LN	16-17	11					
		F	16-35						
814	" 26	eLN	13-57 to	15 to					
			14-15	11					

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LATITUDE 45° 23' 38", LONGITUDE 75° 42' 57" or 5^h 02^m 51^s.8 W. Greenwich, ALTITUDE 83m.

TIME : Mean Greenwich, midnight to midnight.

INSTRUMENTS : Two Bosch photographic horizontal pendulums, one Spindler and Hoyer 80 kg. vertical seismograph.

From December 27th., to December 31st., 1917. No. 25.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_Z		
			h. m. s.	s.	μ	μ	μ	km.	
815	Dec. 28	O	21-14-37					5140	Note the marked resemblance in the phases in Nos. 810, 811, and 815.
		PE	21-23-14						
		S	21-30-04						
		SR ₁	21-33-02						
		eLN?	21-36.5						
		L	21-38		18				
		M _N	21-42.5		20	80			
		L	21-48		12				
		L	21-53		11				
		L	22-01		9				
		L	22-10		9				
L _N	22-29		11						
F	23-hrs.								
816	" 29	O	22-50-29				3690	Guatemala.	
		P	22-57-24						
		S	23-02-53						
		eLN	23-06.5						
		L	23-10		30				
		M	23-16 to						
			23-24		18				
		L	23-30		16				
		L	23-42 to		12				
			24-00						
L	24-10								
F	24-30								