

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 Jan. 1st to Jan. 19, 1916. No. 1

No.	DATE 1916	PHASE	TIME h. m. s.	PERIOD s.	AMPLITUDE			DISTANCE km.	REMARKS
					A _E μ	A _N μ	A _Z μ		
624	Jan. 1	PR	13-40-39					13000	0=13- 20-40?
		i	13-46-34						
		i	13-48-06						
		iS ?	13-48-34						
		i	13-51-00						
		eL ?	13-58.0	44					
		L	14-10	24					
		eL ?	14-12.0	44					
		L	14-22	22					
		L	14-30 to	20 to					
625	Jan. 13		15-41	16				Very distant	
		F	16-35						
		i	6-40-48						
		i	6-49-10						
		i	6-50-00	10					
		3LE	7-12	40					
		LE	7-14	40					
		L	7-16	40					
		L	7-27 to	22 to					
		L	7-55	16					
626	" 13		8-20				6600?		
		F	8-20						
		PR ?	8-42-38						
		SN ?	8-48-06						
		SE ?	8-48-18						
		eL	9-00	44					
		L	9-08	28					
		L	9-18	38					
		L	9-30	20					
		L	9-40	18					
627	" 19	L	10-03	18					
		L	10-30	20					
		F	11-05						
		eLE	20-00.7	18					
		L	20-06 to	18 to					
		F	20-38	16					

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LATITUDE 45° 23' 38", LONGITUDE 75° 42' 57" or 5^h 02^m 51.8 W. Greenwich, ALTITUDE 88m.



TIME : Mean Greenwich, midnight to midnight.

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

From Jan 20 to Jan 31, 1918. No. 2

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.	
623	Jan 24	P	7-07-06	2				8160	
		PR	7-10-34						
		S	7-16-32						
		SR	7-21-50						
		eLE	7-30.3	40					
		eLN	7-30.9	40					
		L	7-33	35-28					
		L	7-38	24					
		L	7-43	16					
		L	7-48	14					
629	" 26	F	8-30					5600?	
		P ?	7-50-14						
		S	7-57-30						
		eLE	8-07.5	30					
		LN	8-12	26					
		LE	8-16	17					
630	" 26	F	8-35						
		1E ?	12-54-08						
		eLN	13-14.1	40					
		LE	13-20	27					
		L	13-25	18					
		L	13-30 to	16 to					
		L	13-40	14					
631	" 30	F	14-10						
		LE	21-32	24					
		LE	21-35 to	20 to					
		LE	21-55	15					
632	" 31	F	22-16					8710	
		PN	18-09-57						
		S	18-19-53						
		eLE	18-33.3	40					
		LE	18-35	30					
		L	18-41	22-20					
		LN	18-46	16					
		LE	18-50	15					
		LE	19-02	14					
		F	19-45						

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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 Feb. 1st to Feb. 6th, 1916. No. 3

No.	1916	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_z		
8633	Feb. 1	P	7-49-36	s.	μ	μ	μ	11000 km.	
		SE	8-01-11	7					
		SN	8-01-17						
		eLE	8-23.9	40					
		LE	8-28	18					
		LE	8-35	18					
		L	8-40 to	18 to					
			9-19	15					
8634	" 3	F	9-40				1430		
		PN	5-17-14						
		SN	5-19-44						
		LE	5-20-28	10					
8635	" 6	F	5-42				3900?		
		ePN	11-04-09	2					
		iPN	11-04-10	2					
		iN	11-13-36	2					
		iE	11-13-50	6					
		iE	11-15-00	10					
8636	" 6	F	Lost in micros.					7100	
		PN	22-02-10						
		SE	22-10-44						
		SR ₂ ?	22-18-00	20					
		eLE	22-23.6	30					
		L	22-25	24					
		L	22-32	17					
		LE	22-35	19					
		LE	22-45	12					
		LE	23-01	12					
		LE	23-10	11					
		LE	23-21	10					
		LE	23-30	11					
		LE	23-40	11					
F	1-10								

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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 Feb. 7th to Feb. 20, 1916. No. 4

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					<i>A_E</i>	<i>A_N</i>	<i>A_Z</i>		
8637	Feb. 8	eLE	16-13.6	24	μ	μ	μ	km.	
		LE	16-18	16					
		F	16-25						
8638	" 14	PR ₁ N ?	10-32-37					8100?	
		FR ₂ N ?	10-34-16						
		1	10-35-22						
		SR ₁ N ?	10-43-51						
		SR ₂ N ?	10-47-37						
		eL ?	10-55.4	20					
		LE	11-10 to 11-17	20					
		F	11-25						
839	" 15	P	11-43-59	2				4660	
		PR ₁	11-45-36						
		S	11-50-23						
		SR ₂	11-53-52						
		eLE	11-55.4	12					
		eLN	11-55.8	24					
		M	11-59.1						
		L	12-20	16-12					
		F	13-00						
8340	" 20	P	17-57-32	2				6260	
		eSE	18-05-19						
		iSE	18-05-26						
		eLE	18-15.4	24					
		eLN	18-16.0	20					
		L	18-18.0	30					
		M	18-19.0	24	40	10			
		L	18-24	16					
		LE	18-30	20					
		L	18-35 to 19-12	15 to 12					
		F	20-0						

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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 Feb. 21st *to* Feb. 29, 1916. *No.* 5

No.	DATE 1916	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_z		
			h. m. s.	s.	μ	μ	μ	km.	
3641	Feb. 27	eTE	20-23-10					4100	
		ePN	20-23-11	2					
		1PN	20-23-13						
		PR _N	20-29-34						
		cs	20-34-04						
		1SN	20-34-18						
		eLN	20-33.5	30					
		L	20-40	24-20					
		ME	20-42.0	20		24			
		M _N	20-42.7	20			42		
		L	20-45	16					
		L	20-55	16-14					
		L	21-06	13					
		L	21-13	13					
		L	21-25 to						
	22-08	13							
F	23-0								

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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 March 1 st.,

to March 31 st., 1916. No. 6.



No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A _E	A _N	A _Z		
			h. m. s.	s.	μ	μ	μ	km.	
642	Mar. 1	eLE	19-53.2	24					
		LE	-57	14					
		F	20-13						
643	" 12	C	7-31-10					3900	
		P _N	-38-21						
		S	-44-02						
		eL	-47.4	20					
		eL _N	-48.6	9					
		LE	-49	8					
644	" 16	F	8-15					1900?	
		O?	22-50-49						
		eP?	-54-50						
		S _E ?	-58-03						
		eL	23-00.7	20					
645	" 26	M	-02.0	10					
		F	-25						
		LE	0-46.7	60					
646	" 28	L _N	-53.6	60					
		F	1-12						
		eLE	7-56	15	Some record precedes but failed to interpret it.				
eL _N	-56.5	15							
F	8-10								
647	" 29	○	18-59-58					3300	
		P	19-06-22	2					
		Pr ₁	-07-22						
		L _N	-14.3	20					
		LE	-14.4	20					
		L	-15	18					
		F	-30						
648	" 31	i _E	11-19-32						
		e _E	-23.1	12					
		e _N	-23.4						
		eL	-29.3	20					
		M	-29.8		60	30			
		F	12-20						
649	" "	e	16-55.0						
		F	17-15						

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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 11, 1916. No. 7.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_z		
			h. m. s.	s.	μ	μ	μ	km.	
650	Apr. 2	e L F	3-39.8 8.41 0 9-10	14					
651	" 2	e _N i _N e _E L _E L _N L _N L _E F	19-01-19 19-03-20 19-06-20 19-14-33 19-14-40 19-16.0 19-17.0 19-25	10 8 14 8 8					
652	" 6	L L F	19-13.6 19-20 19-35	20 14					
653	" 6	e _L L _E L _N F	20-52.4 20-53 21-00	14 14					
654	" 7	e i e _{LL} ? e _{LE} ? L _L L _L L L L _E L _N L _E F	9-45-40 9-48-34 10-02.4 10-07.5 10-12 10-32 to 10-41 10-47 10-51 to 11-01 11-19 11-22 11-27 to 11-40 12-15		Traces of disturbance from 4 h. 45 m. on, till merged in this. No marked maximum.				
655	" 11	e _L F	3-57.0 4-15	14					

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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 12, to April 18, 1916. No. 8.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					<i>A_E</i>	<i>A_N</i>	<i>A_Z</i>		
					μ	μ	μ		
			h. m. s.	s.			km.		
656	Apr. 14	eN i i L _E L _E F	20-33-48 20-38-09 20-43-50 20-52.0 20-57 21-10	20 20				Probably of the order 6000km.	
657	" 14	eE eL _E L L L _E F	21-48-10 22-03.0 22-06 22-09 22-18 22-30	24 20 18 15				Probably of the order 6000 km.	
658	" 15	i iN iN iN L _E L _E L _E L _E L _E F	12-53-34 13-05-07 13-23 13-39-59 13-44.5 13-49 13-52- 13-56 14-04 14-35	30 23 20 20 17				Very distant, Possibly 20000 km.	
659	" 16	eE iE L _E L _N L F	22-42-12 22-47-00 22-48-00 22-49-00 22-50-00 23-10	2 10 10 10					
660	" 18	O iS iS eL M L L L L F	4-01-38 4-11-23 4-19-13 4-28.1 4-33.7 4-40 4-50 5-03 5-19 6-05	2 48 20 12 12-16 12 11-12	95	120	6250		

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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 19, to April 24, 1916 No. 9.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_z		
			h. m. s.	s.	μ	μ	μ	km.	
661	pr. 21	e	11-49-12					10000?	
		iN	11-55-31						
		iE	11-55-40						
		iE	11-56-13						
		e	12-03	12					
		L?E	12-06	18					
		L?N	12-08	15					
		eL	12-15.4	40					
		L	12-19 to	20					
			12-35						
		LE	12-41	16					
		L	12-45	14					
		LE	12-54	18					
		L	13-02	16					
		LE	13-12	16					
F	13-30								
662	" 24	O	4-26-32					2930	
		P	4-32-22	2					
		S	4-37-00	6-8					
		LN	4-40.6	20					
		LE	4-40.8	20					
		F	5-50						
663	" 24	O	8-02-08					3840	
		P	8-09-14						
		S	8-14-52						
		LN	8-13.5	30					
		LE	8-18.7	40					
		LN	8-20	40					
		ME	8-22.5	20	100				
		MN	8-26.3	16		280			
		L	8-40	15					
		L	8-49	15					
		L	9-02	13					
		F	10-00						
		Vertical record as follows:							
L		8-23-32 to							
		8-25	19						
L		8-26 to							
		8-27	14						
F		8-30							

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LATITUDE 45° 23' 38", LONGITUDE 75° 42' 57" or 5 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 April 24, to April 30, 1916. No. 104

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS	
					A_E	A_N	A_z			
			h. m. s.	s.	μ	μ	μ	km.		
664	Apr. 24	P	16-08-17					220	Local Quake	
		S	16-08-41							
		F	16-09-20							
		Vertical								
		P	16-08-16.3							
		S	16-08-40.3							
		F	16-09-14							
665	" 26	i	2-29.3	"	"	"	"	"	Record from " Deformation " instrument whose scale is 17 mm. to hour. No sheet on Seismograph for April 25. (April 25 - 26)	
		i	2-30.3							
		i _N	2-33.0							
		i _N	2-34.5							
666	" 26	i _N	6-34.0	"	"	"	"	"	"	
		i _N	6-38.4							
667	" 26	i _N	7-25.0	"	"	"	"	"	"	
		i _N	7-29.8							

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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 31, 1916. No. 11.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_z		
			h. m. s.	s.	μ	μ	μ	km.	
665	May 9	L _E L L	15-53 to 15-56 16-38	18 40					
669	" 10	O P _N S _N L _N L _N L _N L _N L _E L _N F _N	21-36-53 21-44-04 21-49-46 21-53.3 21-53.7 21-57 22-00 22-05 22-11 22-45	 20 40 20 15-16 12 13				3910	
670	" 11	e eL M L L _E F	10-20-12 10-22.2 10-22.7 10-30 10-47 11-00	 6 6 	110	270			
671	" 14	L L	0-26 to 0-35	20 to 14					
672	" 17	L L L L L F	13-18.3 13-21 13-26 13-28 13-31 13-40	26 20 16 14 10					
673	" 26	e _N L _E F _E	2-17.0 2-22.5 2-40	20					
674	" 26	i i _N L _E L _E L _E F	21-13-30 21-14-42 21-15.2 21-17.0 21-20.0 21-30	 14 10 7					

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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 20, 1916. No. 12.

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.	
675	June 2	O	13-59-16					3350	
		P	14-05-44						
		S	14-10-51						
		L	14-13.8	40-28					
		L	14-23	14					
		F	14-50						
676	" 3	eL	6-07	40					
		L	6-15	24					
		F	6-25						
677	" 9	eL	22-29.5	24					
		L	22-35	24					
		F	22-45						
678	" 15	eE	11-39-44					16000?	
		eLE?	12-01.4	14					
		LE	12-38	40					
		LE	12-44	24					
		LE	12-48 to 20 to						
		F	13-13	16					
		F	13-25						
679	" 19	O	1-15-53					5100	
		iP _N	1-24-27	2					
		S	1-31-14						
		eL	1-38.2	16					
		LN	1-41	16					
		LE	1-44	16					
		LE	1-51	7					
		F	2-10						
680	" 20	eE	7-12.5	4					
		LE	7-25	12					
		LE	7-31	16					
		LE	7-38	16					
		F	8-00						

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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 21, to June 30, 1916. No. 13.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A _E	A _N	A _Z		
			h. m. s.	s.	μ	μ	μ	km.	
681	Jun. 21	O	21-32-33					7270	
		iP	21-43-15	1 - 2					
		i	21-45-17						
		S	21-51-58						
		eLN	22-00.7	20					
		LE	22-06	18					
		LN	22-08	14					
		LE	22-26	13					
F	22-50								
682	" 24	eE	7-06.1					4800?	
		eL	7-13.3	24					
		LE	7-24	12					
		LE	7-30	14					
		LE	7-41	13					
		F	8-00						
683	" 25	e	18-33-12						
		e	18-37.5						
		iN	18-39-18						
		eL	18-39.5	18--14					
		LE	18-45	6					
		F	19-20						
684	" 30	O	3-00-21					4890	
		PN	3-08-42						
		SE	3-15-18						
		eLE	3-18.7	20					
		LE	3-21	20					
		LN	3-23	16					
		L	3-29	16					
		LE	3-37	14					
		LE	3-47	12					
		LE	4-45	12					
		LE	5-16	14					
F	5-40								

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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 31, 1916. No. 14.

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.	
685	July 8	eE eLE? F	9-54-20 10-02.3 10-45	14				3300?	
686	" 16	iPE S? LE LE LE F	18-38-14 18-42-57 19-01 19-07 19-11 19-30	20 20 16				3000?	
687	" 17	iPE LE LE F	10-45-31 10-51 10-54 11-00	30 16					
688	" 22	e eLE LE F	6-26 6-31 6-34 6-45	20 15					
689	" 22	LE LE F	16-54 16-58 17-05	9 6					
690	" 28	eE eE eLE LE F	18-44.3 to 18-52 18-53.8 18-56.8 19-01 19-10	5 8 26 16					

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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 18. to August 31. 1916. No. 16.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_z		
			h. m. s.	s.	μ	μ	μ	km.	
699	Aug. 25	P	9-55-13					7500	
		S	10-04-08						
		L _E	10-15.3	40					
		L _N	10-15.6	40					
		L	10-20	30					
		L	10-30	20					
		L	10-51	16					
		F	11-00						
		eLR ₁ N	12-21.6	22					
		eLR ₁ E	12-24	20					
		LR ₁ N	12-29	20					
		LR ₁ N	12-35	20					
		F	12-40						
700	" 26	P	11-10-38						
		L	11-23						
701	" 27	eE	23-05-28						
		eN	23-06-00						
		iE	23-07-34						
		L _N	23-37	24					
		F	23-50						
702	" 28	O	6-30 approx.				12200		
		iS	6-57-45						
		iSR ₁ ?	7-04-10						
		eL	7-24.3	28					
		L	7-27	20					
		L	7-40	20					
		L	7-45	16					
		L	7-59	14					
		L	8-21	14					
		LR ₁	8-28.2	25					
		LR ₁	8-33	20					
LR ₁ N	8-56	18							
F	9-30								
703	" 30	eE	15-39-30						
		L _N	15-54	16					
		L _N	16-02	10					
		F	16-10						

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LATITUDE 45° 23' 38", LONGITUDE 75° 42' 57" or 5 02" 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 September 1. to September 11, 1916. No. 17.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_z		
			h. m. s.	s.	μ	μ	μ	km.	
704	Sep. 1	eLN?	2-54.4	8					
		LN	2-55.4	14					
		LN	3-03	20					
		LN	3-10	20					
		F	3-17						
705	" 3	O	7-11	approx.				14000	approx.
		PR ₂ ?	7-34-21						
		S	7-43-51						
		eLN?	8-10	40					
		LN	8-12	28					
		LN	8-15	24					
		LN	8-19	20					
		L	8-28	16					
		L	8-42	16					
		LR ₁ LN?	9-03	16					
LR ₁ LN	9-20	20							
F	9-30								
706	" 5	eE	22-45.3	14				Very Distant.	
		eE	22-47	13					
		L	23-17.3	22					
		L	23-22	19					
		L	23-24	18					
		F	23-40						
707	" 11	e	6-49-54					14000?	
		i	6-53-39						
		iS?	6-59-48						
		eLN	7-40.0	40					
		LN	7-42	24					
		LN	7-48	20					
		LN	7-51	20					
		L	7-53 to	20					
		F	8-12						
	8-30								

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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.

TIME : Mean Greenwich, midnight to midnight.

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

From **September 12.** to **September 30, 1916.** No. 18.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_z		
					μ	μ	μ		
			h. m. s.	s.			km.		
708	Sept. 15	O P _N P _{R1} S eL L L L L F	7-02-12 7-14-31 7-18-12 7-24-48 7-42.0 7-50 7-55 8-00 8-03 8-20	 36 30-24 24 20-18 18			9120		
709	" 21	e iE iN LN L F	19-06-24 19-06-23 19-06-32 19-07.6 19-10 masked by	 10 7-10 micros.					
710	" 23	O P P _{R2} S _N S _E eLN L L _E L _N F	5-42-30 5-49-50 5-51-17 5-55-39 5-55-43 6-01.0 6-03 6-08 6-10 6-20 6-45	 40 22-20 17 13 13-14			4030	Velocity of L waves is 218 km. min.	
711	" 29	O F S L L L F	18-54-43 19-04-28 19-12-18 19-21.1 19-31 19-34 19-45	 20 20 18			6250		

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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 **October 1,** to **October 13, 1916.** No. 19.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_Z		
			h. m. s.	s.	μ	μ	μ	km.	
712	Oct. 3.	O	1-29-19					6630	
		eP _N	1-36-26						
		iP _N	1-36-32						
		eS _E	1-44-36						
		iS _N	1-44-42						
		eL	1-54.6	36					
		L	1-59	32					
		L	2-01	28-26					
		L	2-05	18-16					
		L	2-12	17					
L	2-28	15-14							
L	2-32	14							
F	3-00								
713	" 3.	O?	4-52.7					4000?	
		eE?	4-59.0						
		eN	5-04-17						
		iN	5-04-46						
		eL _E ?	5-08	10					
		F	5-23						
714	" 11.	iS?	11-11-14					6000?	
		iS _{R1} ?	11-15-21						
		eL?	11-22						
		L	11-25.4	16					
		F	11-45						
715	" 11.	c	18-31-23					5500?	
		iS?	18-31-38						
		L	18-39.5	20					
		L	18-44	27					
		L	19-07	17					
		F	- - -						
0 = 18 h. 15.5 m. ?.									
716	" 13.	L	1-34	20				Only trace.	

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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 October 14, *to* October 31, 1916. No. 20

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_Z		
			h. m. s.	s.	μ	μ	μ	km.	
717	Oct. 20.	eE	17-16-17					9700?	
		eN	17-16-22						
		eE	17-46.5	20					
		LN	17-51.4	40					
		LR1?	19-20.8	10					
		F	19-40						
718	" 21.	LN	20-35 to	30-					
			20-45	20					
		F	21-00						
719	" 21.	eL	22-35	24?					
		L	22-45	20					
		L	22-56	18					
		F	23-10						
720	" 31.	eL	16-09.2	24				lost in changing the sheets.	First phases
		L	16-17	24					
		L	16-24 to						
			17-05	15					
		F	17-30						

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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.

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 30, 1916.** No. 21.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A_E	A_N	A_Z		
			h. m. s.	s.	μ	μ	μ	km.	
721	Nov. 10	e?	9-19-00						Micros mask first phases.
		e?	9-24-07						
		e?	9-24-40						
		eL	9-27-48						
		M	9-29.5	14	8	70			
		L	9-32	6					
		F	10-00						
722	" 18	eL _E	12-31.6	20					Micros completely mask NS Component.
		F	12-45						
723	" 21	O	6-25-39					3580	
		P	6-32-26	1-2					
		S	6-37-48						
		eL	6-40.4	12-14					
		L _E	6-45	20					
		L _N	6-49	18					
		L _E	6-53	16					
		L _E	7-01	12					
		F	7-25						
724	" 24	eL _N	12-36.3	36				Micros mask other phases.	
		L _E	12-42	28					
		F	13-						
725	" 30	O	3-17-56					2870	
		iP _N	3-23-40						
		S	3-28-14						
		eL	3-30.3	20					
		L	3-34	18-17					
		L	3-37	12-11					
		L	3-45	15					
		L	3-53	14					
		L	4-02	12-11					
		L	4-06	13					
		L	4-10	11					
		F	4-45						

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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 December 1, to December 31, 1916. No.22.

No.	DATE	PHASE	TIME	PERIOD	AMPLITUDE			DISTANCE	REMARKS
					A _E	A _N	A _Z		
			h. m. s.	s.	μ	μ	μ	km.	
726.	Dec 14.	O	16-52-05					7770	Strong micros mask much on NS Component.
		PE	17-03-14						
		SE	17-12-22						
		eL?	17-25						
		L	17-28	20-18					
		L	17-33	19-18					
		L	17-36	16-15					
		F	17-50						
727	" 23.	SN?	9-44-14					10000?	Strong micros prevail.
		iSE?	9-44-24						
		eLN	10-04.4	20					
		LN	10-10	18					
		F	masked by	micros.					

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