

# TORONTO

1927

## SEISMOLOGIC STATION, METEOROLOGICAL SERVICE OF CANADA

LATITUDE, 43° 40' 0.8" N. LONGITUDE, 79° 17m 35.6 W. HEIGHT, 373 feet above sea level. SUBSOIL, Sand and Clay

Time: G. M. T. MIDNIGHT TO MIDNIGHT

Period 12 seconds.  
Magnification, 150  
Damping, 20-1

INSTRUMENTS—Two Milne-Shaw Seismographs

NO. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			REMARKS
				N	E	Z	
				μ	μ	μ	
JANUARY 1927. 1st.	LE	8-33-20					F lost in micros.
	MLE	8-35-44	10		11		Light eclipsed on NS record, by shutter.
	MSE	8-35-54	10		12		
1st.	LE	9-30-00					Striking resemblance to previous quake. No NS. record.
	ME	9-32-44	11		11		
	PE?	10-04-00					
1st.	LE	13-16-16					F, micros. Light off on NS component.
	LE	13-17-49	11		4		
2nd.	eN	10-02-30					
	LN	(10-15-00)					
	FN	(10-17-30) 10-46-00		2			
4th	LE	0-08-00					Large micros mask early phases & F.
	MLE	0-09-09	9		4		
	MSE	0-09-20	6		6		
5th	eN	23-18-00					Appears to be local. EW record small.
	iN	23-18-30					
	LN	23-19-18	12		3		
	FN	23-25-00					
7th.	iLN	9-31-36					Sharp vibrations 9h32 to 9h33m43s. Period 8 to 10 F marked micros.
	eN	9-32-33	10		10		
	iE	9-28-25					
7th.	LE	11-12-30	15		5		Marked micros mask other phases.
12th	LE	22-36-00					Barely noticeable on NS. Micros at F.
	LE	22-37-00	22		3		
14th.	eEN	2-49-54					Minute sinusoidal waves.
	eN	2-50-12	12		3		
	LN	2-52-11	8		1		
	FN	?2-59-00					
16th	eN	14-22-12					Wind interferes on EW
	LE	14-23-45					
	FN	14-27-00		2			
17th	LE	22-22-00	8		2		
	LE	22-44-45			1		
	LE	22-55-17			2		
	FN	23-42-00					
19th	eN	0-07-45					
	iN	0-07-53					
	LN	0-13-23	15		5		
	FN	0-20-00					
19th.	eN	1-29-06					Minute & irregular vibrations after 1h29m06
	LN	1-35-25	12		4		
	FN	?1-54-38					

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## SEISMOLOGIC STATION, METEOROLOGICAL SERVICE OF CANADA

LATITUDE, 43° 46' 0.8" N. LONGITUDE, 5h 17m 35.6 W. HEIGHT, 373 feet above sea level. SUBSOIL, Sand and Clay

Time: G. M. T. MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw Seismographs

No. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			Δ	REMARKS
				A N	A E	A Z		
January, continued.								
25th	en?	0-52-35		μ	μ	μ		
	ie	0-56-40						Tremor storm mask
	ie	1-02-10						first phases.
	eNE	1-06-23						
	ie	1-06-36	18		-48			Solomon Island.
	eLN	1-27-00	26	↓117				Four Max. in first
	ile	1-41-39	17					group.
	ME	1-49-40	15		↓131			
	MLN	1-41-47	26	↓200				
	M2N	1-42-35	19	↓109				
	MSH	1-43-15	17	-71				
	ME	2-03-30	15		-60			
	F	Micros.						
26th	eE?	7-25-40						
	eE	7-34-32						
	eN	7-41-52						
	LE	7-41-15	23		12			
	LE	8-03-39						Appears to be more
	MLN	8-07-26	15	4				than one quake on
	M2N	8-14-43	15	5				record.
	M1E	8-16-39	18		33			
	M2E	8-27-04	15		10			
	LN	8-26-30	17	3				
	eLE	9-04-31						
	LE	9-22-39	15		3			
	FE	9-48-00						
28th.	oN	22-15-00						
	LN	22-18-00						Slight traces.
	FN?	22-40-00						EW component, wind
								interferes.
29th	LE	?4-29-00						
	eLE	4-32						
	LN	?4-34-00		2				Times doubtful, no
	ME	4-36-00	to					cut-off.
		4-40-00	15		3			
	FN	?5-06-00						
29th.	Small, irregular waves after 7 hrs. More marked on EW component, no cut-off.							
	James Young, Seismologist.							



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LATITUDE, 43° 40' 0.8" N. LONGITUDE, 5h 17m 35.6 W. HEIGHT, 373 feet above sea level. SUBSOIL, Sand and Clay

Time: G. M. T. MIDNIGHT TO MIDNIGHT  
 Period 12 seconds.  
 Magnification, 150  
 Damping, 20-1

INSTRUMENTS—Two Milne-Shaw Seismographs

1926 FEBRUARY.	PHASE	TIME	PERIOD	AMPLITUDE			Δ	REMARKS
				A <sub>N</sub>	A <sub>E</sub>	A <sub>Z</sub>		
1st	LE ME LN FN	1-29-00 1-34-38 1-38-00 2-01-00	18 18	μ 5	μ 3	μ	Phases interfered with by wind.	
2nd.	eN LN MN F	14-00-41 14-06-10 14-07-35 Micros.	18	3			Micros mask phases on EW	
3rd.	eE LE LE ME FN	12-56-32 12-59-31) 13-00-14) 13-00-46 13-39-00	17 17		3 5		Quake reported from city of Aomori, Japan on 4th. Micros mask NS phases	
6th	LN LN	9-35-30 9-43-18					Wind interfered with phases.	
7th.	eN LN	8-26-30 8-43-00					Small, EW phases masked by high winds.	
7th.	eN LE LE LN FN	23-12-48 23-16-21 23-20-45 23-33-30 23-57-00	17 17 15	3	4 3		Micros mask early phases.	
8th	O ePE ePEN iSEN iEN iN iE iLE iLE ME MN M2N M2E F	15-17-19 ?15-24-15 15-24-23 15-29-45 15-30-04 15-30-08 15-30-12 15-33-40 15-34-03 15-38-00 15-38-30 15-40-10 15-41-49 19-04-00	24	-286 +372	+100 +270 262 +179 +215 +155		P indefinite. 3710 km. Near Costa Rica.	
8th	O iPN iSN eN LN FN	0-24-15 0-34-52 0-43-30 0-47-12 0-52-00 1-37-00	8 10	4			7180 km. Small irregular waves. P faintly marked on EW component.	
9th.	eN? LN	9-24-00 9-38-00					Wind interfered with EW record.	
12th	eE? LE LE	8-14-35 8-34-28 8-37-30	23? 17		2			
13th	LN LN FE	10-00-08 10-09-45 -21-15 -21-45 11-40-00	15 15 15 15	3 3 4	12		Prolonged sinusoidal waves. Micros interfere with early phases of EW record.	

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LATITUDE, 43° 40' 0.8" N. LONGITUDE, 5h 17m 35.6 W. HEIGHT, 373 feet above sea level. SUBSOIL, Sand and Clay

Time: G. M. T. MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw Seismographs

No. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			Δ	REMARKS
				A N	A E	A Z		
FEBRUARY, 1926—continued.								
15th	O	2-59-49						
	OPEN	3-06-23						
	ISEN	3-11-35						
	LE	3-13-23						3420 km.
	LN	3-22-58	15	95				Nicaragua.
	ME	3-23-53	15		57			
	FN	6-03-00						
16th	LN	19-31-15		1				Wind interfered
	LE	19-36-53		2				with EW record.
	FN	19-44-00						
17th.	eN	3-20-00						EW record masked
	LE	3-21-20		2				
	FN	Micros.						
18th.	eN	18-33-45	8					
	eE	18-36-00				2		
	eE	18-38-15	8					
	LN	18-36-45	12	2				
	F	18-47-00						
20th.	LN	2-12-23		1				
	LN	2-14-10		1				Winds interfere with
	FN	?2-30-00						EW record.
20th	LN	10-36-16				2		
	LE	10-38-23						
	FN	10-50-00						
20th	LN	12-07-32		1				EW record not measureable.
	FN	12-13-00						
23rd	LN	21-39-15		1				
	FN	?21-48-00						Winds interfere with EW
25th	LN	19-23-46						
	LN	19-26-00	13	2				Wind masks EW record.
	FN	19-36-00						
25th	eN	23-18-08						F masked by heavy winds,
	LN	23-22-37						also record of EW comp.
	LN	23-24-00		2				
26th	eE	22-19-08						
	LELN	22-31-13						
	LN	22-33-33	15	2	2			
	FN	?23-04-00						
28th	LN	19-41-00						F masked by winds,
	LN	19-45-40		2				also EW phases.

James YOUNG,  
Seismologist.



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Time: G. M. T. MIDNIGHT TO MIDNIGHT Period 12 seconds.

INSTRUMENTS—Two Milne-Shaw Seismographs Magnification 150

Damping 20-1

NO. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			Δ	REMARKS
				A <sub>N</sub>	A <sub>E</sub>	A <sub>Z</sub>		
				μ	μ	μ		
MARCH, 1926		h. m. s.	s.					
1st.	LN	20-41-29						
	LN	20-47-15						
	MN	20-50-15	15	2			Micros mask movements & F. Wind interfered with EW component.	
4th	eN	9-52-00						
	eE	10-08-10						
	eN	10-01-15						
	LN	10-21-47						
	LN	10-35-00	37					
	LE	10-36-45						
	LE	10-37-00	26		15			
	MN	10-38-25	26	16				
	MEN	10-44-17	19	13				
	FN	12-10-00						
6th	LE	11-23-00						
	LE	11-27-15			1			
	FN	11-39-00					Micros mask early phases.	
7th	O	20-33-31						
	iPN	20-42-09						
	CSNE	20-49-00					5,160.	
	eE	20-50-00	15					
	eN	20-53-08	18	3				
	?LE	20-57-38						
	ME	20-58-19	15		4			
	FN	21-17-00						
8th	LN?	20-54-52						
	LE	21-12-24						
	LE	21-13-42	15		3			
	F	Wind interferes.						
10th.	iEN	15-22-00						
	iLENN	15-22-17	8		7			
	iLE	15-22-25	12	8	9			
	F	Merged into next quake.					Telegram from Mayo, Yukon reports two distinct quakes at 15h05m & 15h07m P.M.T.	
10th.	iLE	15-24-35						
	iLE	15-24-41	8		7			
	MN	15-24-51		6				
	F	Changing paper.						
11th	O	10-41-49						
	iPN	10-51-20						
	SN	10-59-23						
	LN	11-11-00						
	ME	11-09-34	17		5			
	LN	11-12-00		3				
	ME	11-31-00					6000 Quake reported from Lima, Peru.	
15th	LE?	2-48-17						
	LN	2-53-30						
	LE	2-59-55	15		3?		Micros mask phases and F,	

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Time: G. M. T. MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw Seismographs

NO. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			Δ	REMARKS
				A <sub>N</sub>	A <sub>E</sub>	A <sub>Z</sub>		
March, 1926, Continued.				μ	μ	μ		
16th.	eLE LE LN FN	18-28-48 18-30-00 18-43-00 19-12-00	30 15 15	2	3			Quake reported from Asia Minor.
16th	eN LE FN	21-00-00 21-04-15 ?21-12-00			2			
17th	eN FN	4-37-10 4-42-00						Irregular waves, may not be seismic.
17th.	O ePN iSN iSE LNE ME MIN MEN FN	11-53-40 11-59-59 12-04-59 12-05-07 12-07-09 12-11-16 12-11-32 12-12-22 14-20-00	17 15 17		-685			Jesuit Seismological Bureau gives 10° N 85° W 3240 km.
18th	O iPE iSEN iSN SRLE LE LE MN ME FN	14-06-24 14-18-20 14-28-14 14-28-16 14-34-08 14-42-45 14-45-15 14-51-38 14-54-30 17-53-00	8 32 13 20	18 27		8680.		The local tremor reported by press as felt in New Hampshire on 18th is denied by the Meteorologist at Manchester Given by Jesuit Scis. Bureau as: 36° N 30° E
19th	eN LN	20-12-23 20-16-00						Wind and micro mask phases and F., also EW record.
20th.	eE LE LE FE	?8-20-52 8-21-15 8-35-00 8-45-00	15		2			Irregular waves. NS component too small to measure.
21st.	eE LE FE	13-21-00 13-30-00 13-59-00	17		2			NS component, not measurable.
21st.	eEN iE LE MLE MZE MN LE FE	14-38-34 14-44-52 15-08-30 15-19-20 15-22-27 15-22-50 16-24-17 17-12-00	23 18 23 21	49	30 18 3			The phase at 16h24m17s possibly belongs to another quake. Asia Minor Quake.



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Time: G. M. T. MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw Seismographs

NO. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			Δ	REMARKS
				A <sub>N</sub>	A <sub>E</sub>	A <sub>Z</sub>		
MARCH, 1926. Continued.								
22nd.	LE?	19-17-00	10	μ	μ	μ		
	LE	19-29-43	23					
	ME	19-40-00	19		22			Marked micros mask early phases.
	MN	19-31-36	26	23				
	FE	?20-47-00						
24th.	O	5-42-11						
	iPN	5-47-00						Wind renders P & S doubtful on EW component.
	eSN	5-50-51						
	LN?	5-52-00	10	3				
	FN	6-18-00						2330.
24th.	LN	7-38-30						
	LN	7-45-00	23?	1				Wind interfered with EW component.
	FN	7-56-00						
24th	eN?	11-01-19						
	eN	11-06-21						
	LN	11-13-13						
	ME	11-13-38	17		10			High winds mask early phases.
	MN	11-16-24	15	12				
	F	Merged into next quake.						
24th.	LN	11-53-16						
	LN	11-54-21	15	2				Entries from 12h42m may belong to a second quake.
	LN	12-42-00	15	2				
	MN	12-42-30	15	3				EW record interfered with by winds.
	FN	12-55-00						
24th.	LN	16-39-00						
	FN	16-47-00						Heavy winds on EW.
25th.	LN	20-07-00						
	LN	20-10-00						Irregular waves.
		20-38-30		3				Winds mark EW record.
	FN	20-54-00						
27th.	LN?	6-48-00		2				
	LN?	6-55-26						EW component masked by wind movements.
	F	Winds interfere						
27th.	O	10-59-59						
	ePE	11-08-55						
	FN	11-09-00						
	eE	11-14-28						5430.
	eSE	11-16-00						
	LE?	11-25-06						
	F	Merged into next quake.						
27th.	eE	11-20-09						
	eN	11-25-23	23					
	SE?	11-27-42						
	LE	11-38-07	15					
	M1E	11-52-45	23		53			Marked uniform but small and prolonged waves after principal phases.
	M2E	11-53-07	23		63			
	MN	11-50-21	18	40				
	M3E	12-03-31	18		45			
	M4E	12-03-49	18		45			
	FN	15-10-00						
		46-00		1				
		48-53-00		2				May not be seismic. wind interfered with EW



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Time: G. M. T. MIDNIGHT TO MIDNIGHT

PERIOD 12 SECONDS.  
MAGNIFICATION, 150  
DAMPING 20-1

INSTRUMENTS—Two Milne-Shaw Seismographs

No. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			Δ	REMARKS
				A N	A E	A Z		
		h. m. s.	s.	μ	μ	μ		
<b>APRIL, 1926.</b>								
1st.	eN	16-26-35						Wind interferes with F. and EW component.
	eN	16-29-52						
	LN	16-34-00		2				
3rd.	LN	20-24-37	15	3			Winds mask EW.	
	F?	20-28-00						
5th.	eEN	23-42-32					Possibly quake reported from Azores.	
	LE	23-47-00						
	LN	23-48-30	15	6				
	ME	23-51-52	17		6			
	LE	(23-54-00)	15		3			
	LE	(23-56-00)	15		2			
6th	eE	19-55-43						
	LE	20-12-00						
	LE	20-26-23	23		6			
	FN	?21-18-00						
7th.	eE?	14-53-30					Paper being changed during quake. NS record too small to measure.	
	LE	15-13-45			1			
	FE?	15-59-00						
8th.	eE	10-57-45					NS record very small.	
	LE	11-16-00						
	LE	11-48-05	15		3			
	F	Wind interferes.						
9th.	eN	10-23-15					Local causes interfered with EW record.	
	LN	10-41-30						
	LN	10-43-15	15	2				
	FN	11-14-00						
9th.	LE	12-35-00					NS record too small.	
	F	Wind interferes.						
12th.	LE	0-21-45					NS component not recording.	
	ME	0-22-25	23		8			
	F	Winds.						
12th.	eE	8-51-54					First phase may be earlier. Irregular, small waves. New Hebrides. NS component not in order.	
	eE	8-52-37	12					
	iE	8-58-03	8					
	iE	9-02-29	17		43			
	iE	9-03-44	15					
	iE	9-09-11	30		-125			
	LE	9-27-37	38?					
	ME	9-32-44	25		-90			
	ME	9-43-31	23		+157			
	ME	9-43-42	23		-143			
	ME	9-52-18	17		-50			
	ME	10-36-38	18		-51			
	FE	13-08-00						
15th.	LN	10-30-22					Winds mask early phases and F.	
	eE	10-32-26						
		10-33-00	22		5			



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Time: G. M. T. MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw Seismographs

NO. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			Δ	REMARKS
				A N	A E	A Z		
				μ	μ	μ		
APRIL 16th	?LE LE ME	1-31-00 1-33-16 1-40-00					High winds mask early phases and F. Slight movements on NS. 18th-Quake reported from Azores. Marked irregularity on both components from 0h2m to 0h7m. Doubtful as to being seismic.	
19th	eN LN LN F	?15-30-33 15-35-30? 15-37-30 Micros.	23 15	8	4			
23rd.	LE LN ME FN	0-41-00 0-47-08 0-48-15 ?1-21-00	17 15	3	2			
25rd.	eE FE	12-28-51 12-36-00						
23rd.	eN LN FN	13-11-53 13-22-45 13-28-00		2			Irregular L waves at 13h20m. Record only faintly shown on EW.	
24th	eE eE eLE FE	0-34-00 0-34-52 1-10-23 1-49-00					Very small, barely noticeable on NS	
24th	eE LE LN FE?	9-08-22 9-20-38 9-23-12 9-46-00	15	2	2			
24th.	LN LN	13-25-37 ?13-36-00					Wind interferes with F and EW component.	
29th	LN FN	3-32-19 3-39-00	15	1				
29th	O ePN iPE iSM iE iE LN	11-13-40 11-24-22 11-24-27 11-33-06 11-40-47 11-44-44 11-46-19	20	16	14 17		S large and well defined 7270 km. Wind interferes with E phase.	
30th.	eE LN	20-16-35 20-22-17					F doubtful.	
30th.	eN F	23-21-38 23-23-00					Doubtful as to being seismic. Not on EW.	

James Young,  
Seismologist.

# Toronto

## EARTHQUAKE STATION, METEOROLOGICAL SERVICE OF CANADA

LATITUDE, 43° 40' 0.8" N. LONGITUDE, 5h 17m 35.6s W. HEIGHT, 373 feet above sea level. SUBSOIL, Sand and Clay

Time: G. M. T. MIDNIGHT TO MIDNIGHT.

INSTRUMENTS—Two Milac-Shaw Seismographs.

Period 12 seconds

Magnification, 150

Damping 20-1

FROM..... TO.....

NO.	DATE	PHASE	TIME <small>h. m. s.</small>	PERIOD	Amplitude			DISTANCE <small>h. m. s.</small>
					$\mu$	$\mu$	$\mu$	
	MAY, 1926.							
	3rd.	LN LN PN	14-09-00 14-13-00 14-21-00		2			Wind interferes with EW component.
	5th	O iPN SN eN LE LN ME MN F	6-21-24 6-29-27 6-35-49 6-39-00 6-41-32 6-43-29 6-42-14 6-44-06 7-36-00	Less than 2 10 12		4		4630 km. Small irregular waves at 6h 39m.
	7th	eE eN LE LN LE MN FE	6-35-12 6-35-28 6-56-45 7-03-00 7-05-52 7-07 to 7-09-00 9-00-00	18 15	7	3		
	11th	eN eN LN LE MN PN	11-32-15 ) 11-34-52 ) 11-37-40 11-38-22 11-39-17 12-37-00	15 12	6	4		Irregular waves.
	11th	eN LN PN	12-42-12 13-32 to 13-38-00 14-06-00					Very small, Wind interferes with EW record.
	12th	eN LE LE PN	15-09-15 15-12-05 15-14-00 16-34-00	15 23		8		
	12th	LN PE	22-28-00 22-38-00	15	2			NS record very small.
	15th	LE LE PE	6-26-00 6-30-00 6-56-00			1		NS record too small to measure.
	17th	eE LE LE PE	17-37-23 17-48-00 18-48-00 19-50-00			1 1		NS record too small.
	17th	eN LN	22-05-00 22-18-00 22-23-00					Very small, EW too small to measure.



# Toronto

## EARTHQUAKE STATION, METEOROLOGICAL SERVICE OF CANADA

LATITUDE, 43° 40' 0.8" N. LONGITUDE, 5h 17m 35.6s W. HEIGHT, 373 feet above sea level. SUBSOIL, Sand and Clay

Time: G. M. T. MIDNIGHT TO MIDNIGHT.

INSTRUMENTS—Two Milne-Shaw Seismographs.

FROM..... To.....

NO.	DATE	PHASE	TIME	PERIOD	Amplitude			DISTANCE
					μ	$\frac{A}{E}$ μ	$\frac{A}{Z}$ μ	
			h. m. s.	s.				h. m. s.
May, 1926. (Continued)								
	20th.	eN	7-23-10)					
		eN	7-33-00)					
		LN	8-08-15	30				
		MN	8-13-30	22	8			
		FN	9-44-00					
	21st.	LN	19-22-08					
		LE	19-22-15			2		
		MN	19-22-26		2			
		FE	19-28-00					
	26th	BN	18-05-08					
		BE	18-07-20					
		LE	18-08-00	12		3		
		FN	18-38-00					
	26th	LE	19-43-15	23		2		
		Other phases mixed up with next quake.						
	26th.	BN	20-07-46					
		BE	20-08-52					
		LN	20-25					
		LE	20-35-23	18		2		
		FE	21-18-00					
	27th.	LE	13-23-00					
		LE	13-29-10	15		2		Clock stopped on NS.
		FE	14-00-00					
	30th.	eN	16-36-28					
		LN	16-43-00)	23	2			
		LN	16-44-00)	23	6			
		FN	17-10-00					
	31st.	eE	4-24-20					Very small, NS record barely noticeable.
		LE	4-25-00					
		FE	4-32-00					
	31st.	iEN	13-55-30					Paper changed at 14h10
		eE	14-08-38					
		LE	14-50-08	22		5		
		LE	14-59-32	15		4		
		F	to 15-08-00					Sinusoidal waves.
			?					

# TORONTO

## SEISMOLOGIC STATION, METEOROLOGICAL SERVICE OF CANADA

LATITUDE, 43° 40' 0.8" N. LONGITUDE, 5h 17m 35.6 W. HEIGHT, 373 feet above sea level. SUBSOIL, Sand and Clay

Time: G. M. T. MIDNIGHT TO MIDNIGHT Period 18 seconds.

Magnification, 150

INSTRUMENTS—Two Milne-Shaw Seismographs Damping, 20-1.

NO. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			Δ	REMARKS
				A <sub>N</sub>	A <sub>E</sub>	A <sub>Z</sub>		
		h. m. s.	s.	μ	μ	μ		
JUNE 1926.								
1st.	eN	22-49-00						
	LN	23-32-00	1				Wind interferes with EW component.	
	FN	23-52-00						
3rd.	eE	5-06-08						Very faint marking.
	eN	5-06-10						
	iE	5-16-25						
	LE	5-41-30						
	ME	5-44-30	26		30			
	MN	5-56-00	19	11				
	FN	7-44-00					L difficult to interpret on MS	
4th.	eN	0-34-43					Wind interferes with EW component.	
	LN	0-56-15	23	2				
	FN	1-20-00						
4th	LE	7-14-22	Paint.				MS component too small to measure.	
	LE	?7-46-10			2			
	FE	Wind.						
5th.	eE	1-38-45						
	LE	1-54-08	15		2			
	F	2-27-00						
5th.	eN	19-57-12					Micros going on, also at F.	
	iSEN	20-02-47						
	LN	20-05-00	11					
	LE	20-07-12	12					
	ME	20-11-57			62			
	MN	20-09-45	17	61				
	LN	20-12-50	10					
11th	LE	6-10-00						
	LE	6-15-00			1			
	FE	6-54-00						
13th	eE	17-51-00						
	LN	17-37-50	15	2				
	LE	17-59-30			1			
	FE	18-05-00						
19th	eN	0-24-00					Wind interferes with EW component.	
	LN	0-45-00						
	LN	0-48-15	15	2				
	FN	1-12-00						
19th	eN	?11-49-45						
	LE	12-08-15			1			
	FN	13-16-00						
20th	eN	7-12-36					A record of two earthquakes.	
	eE	7-13-29						
	iEN	7-19-00						
	LN	7-35-23						
	LE	7-41-05	?23		7			
	LE	7-46-15	38					
	LN	7-58-15	15	3				
		11-00	25		8			
		16-00						

SEISMOLOGIC STATION  
DEC 4 1926  
BANKLEY, CALIFORNIA





# TORONTO

## SEISMOLOGIC STATION, METEOROLOGICAL SERVICE OF CANADA

LATITUDE, 43° 40' 0.8" N. LONGITUDE, 5h 17m 35.6 W. HEIGHT, 373 feet above sea level. SUBSOIL, Sand and Clay

Time: G. M. T. MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw Seismographs

NO. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			A	REMARKS
				A N	A E	A Z		
		h. m. s.	s.	μ	μ	μ		
June (continued)								
21st.	eE	9-38-27						
	LE	9-45-00			1			
	FE	10-27-00						
22nd.	LE	6-08-00			2?			P. winds interfere. Only a trace on ES.
25th	eE	2-25-15						
	LE	3-06-00			1			NS component, not measurable.
	FE	3-21-00						
25th.	eE	4-14-23						
	LE	4-17-00						
	LN	4-23-08		1				
	FN	4-30-00						
26th	ePEM	19-58-14						
	iPEM	19-58-19						
	iSE	20-07-53	3					
	iSN	20-07-55						
	iSRM	20-13-13?						
	iE	20-08-19	8			82		8280 km. Quake reported from the island of Crete.
	LEM	20-21-00						
	MN	20-29-20	17	34				
	ME	20-32-22	18			67		
	F	23-52-00						
27th	LE	17-00-30						
	eE	18-28-38						
	LE	19-10-00	15			2		
	FN	20-59-00						
28th	eE	3-46-36						
	eE	4-02-36						
	LN	4-32-22	37	14				
	MN	4-44-00		15				May be two quakes.
	ME	4-33-36	30			16		
	LE	5-12-52	23			8		
	FN	6-28-00						
28th	eE	6-56-15						
	LE	7-22-00	37					
	LE	7-28-00	26			10		
	MN	7-37-00	23	6				
	F	8-44-00						
29th.	eE	14-41-19						
	eEN	14-45-19						
	iE	14-52-38						
	iE	15-00-07	12					
	LE	15-17-12						
	ME	15-24-10	23			25		Appears like a record of more than one quake.
	MN	15-25-53	30	33				
	FN	17-23-00						
29th	eE	?19-09-15						
	LN	?19-16-45	15					
	LN	?19-17-45	15	5				No time marks.
	LN	?0-06-00						

# TORONTO

## SEISMOLOGIC STATION, METEOROLOGICAL SERVICE OF CANADA

LATITUDE, 43° 40' 0.8" N. LONGITUDE, 5h 17m 35.6 W. HEIGHT, 373 feet above sea level. SUBSOIL, Sand and Clay

Time: G. M. T. MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw Seismographs

No. AND DATE	PHASE	TIME <small>h. m. s.</small>	PERIOD <small>s.</small>	AMPLITUDE			Δ	REMARKS
				<small>Δ<sub>N</sub></small> <small>μ</small>	<small>Δ<sub>E</sub></small> <small>μ</small>	<small>Δ<sub>Z</sub></small> <small>μ</small>		
June (continued)								
29th	eN	23-38-15	10					Possibly Santa Barbara quake.
	eE	23-38-50						
	LE	23-41-00			2			
	FE	0-10-00						
30th.	Small disturbance shown on NS record at 13h 15m, but too small to measure. Wind interfered with EW record.							
30th.	LE F	23-42-00 ?			1			NS record too small to measure.
				J. Young, Seismologist.				



# TORONTO

## SEISMOLOGIC STATION, METEOROLOGICAL SERVICE OF CANADA

LATITUDE, 43° 40' 0.8" N. LONGITUDE, 5h 17m 35.6 W. HEIGHT, 373 feet above sea level. SUBSOIL, Sand and Clay

Time: G. M. T. MIDNIGHT TO MIDNIGHT

Period 12 seconds.

Magnification, 150

INSTRUMENTS—Two Milne-Shaw Seismographs

Damping 20-1

No. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			Δ	REMARKS
				A N	A E	A Z		
		h. m. s.	s.	μ	μ	μ		
July 1st.	eN	14-54-28						
	LE	15-11-00	28					
	LN	15-18-00	30					
	ME	15-18-12	39		70			Papers being changed at 14h29m.
	MN	15-36-00	23	26				
	LN	16-02-26	23					
	FN	17-30-00						
1st.	O	20-29-40						
	iPN	20-38-30						
	SE	20-45-31						P not recorded on EW
	eN	20-45-43						Phase at 20h45m31s
	iE	20-45-45						only faintly shown on
	iE	20-48-20						NS component.
	LE	20-53-00						
	ME	20-58-37	17		4			
	MN	21-00-57	17	7				
	F	23-03-00						
2nd.	LE	7-04-00						
	LE	7-14-00			1			NS component too
	FE	7-33-00						small to measure.
3rd.	LE	5-04-00						
	LE	5-12-20			1			Record on NS too
	FE	5-32-00						small to measure.
3rd.	eE	18-29-35						
	LN	18-52-00		1				
	F	19-26-00						
4th	LN	2-29-45		1				
	FN	2-34-00						EW record too small
								to interpret.
6th.	eN	14-53-30						
	LN	14-54-52		1				Lines overlapping
	FN	15-01-00						on EW record.
6th	LN	?22-23-00						
	FN	?22-56-00						Readings doubtful, cut-off not
								in order. EW record interfered
								by wind.
8th.	LE	8-40-15						
	FE	8-48-00						NS record too indefinite.
10th	LE	2-29-23						
	F	3-04-00						
10th	iN	3-57-41						Micros at F. Winds on EW.
10th	eE	11-13-11						
	eE	11-21-12						
	LE	11-48-00						
	MN	12-04-36	22	11				
	ME	12-09-36	22		9			
	FN	?13-48-00						

# TORONTO

## SEISMOLOGIC STATION, METEOROLOGICAL SERVICE OF CANADA

LATITUDE, 43° 46' 0.8" N. LONGITUDE, 5h 17m 35.6 W. HEIGHT, 373 feet above sea level. SUBSOIL, Sand and Clay

Time: G. M. T. MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw Seismographs

NO. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			Δ	REMARKS
				A <sub>N</sub>	A <sub>E</sub>	A <sub>Z</sub>		
				μ	μ	μ		
JULY, 1926, (continued).								
11th	iE	15-35-08	8					Paper being changed at 15h 22m.
	LN	15-46-25						
	FN	16-04-00						
12th	eN	17-29-15						Wind int erferes with F phase, and record on NW component.
	LN	18-06-00						
12th	LN	19-57-15						" " " "
	LN	20-19-15						
12th	eN	22-33-30						
	LN	22-51-00						
	FN	23-33-00			2			
13th	LN	0-23-00						
	FN	1-13-00						
14th	eN	17-48-30						Wind interferes with EW record.
	LN	17-52-00						
	FN	18-24-00						
14th	eE	22-41-30	13					Times doubtful, cut-off not in order.
	iE	22-47-00						
	ME	22-47-45			35	35		
	F	23-58-00						
16th	eN	3-04-00	30					Times doubtful, no eclipse of light.
	LE	3-07-00						
	ME	3-09-00			6	7		
	F	4- 41-00						
17th	?eE	15-35-00						Wind markings at F.
	LE	15-59-00					1	
18th	?LE	?20-09-15						NS record very small. Wind marks interfere with phases.
	FE	21-16-00					?2	
19th	LN	21-34-22						May be a dual earthquake
	LE	22-21-15						
	F	22-28-00					2	
21st	LN	2-42-00	15					Doubtful readings. Eclipse failed.
	LN	2-45-00					3	
	F	3-02-00						
21st	eE	3-36-45						Slight trace on NS.
	LE	3-42-00						
	FE	4-14-00					1	



# TORONTO

## SEISMOLOGIC STATION, METEOROLOGICAL SERVICE OF CANADA

LATITUDE, 43° 40' 0.8" N. LONGITUDE, 5h 17m 35.6 W. HEIGHT, 373 feet above sea level. SUBSOIL, Sand and Clay

Time: G. M. T. MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw Seismographs

NO. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			Δ	REMARKS
				A N	A E	A Z		
JULY, 1926 (continued) m. s.								
22nd.	eE	23-40-00		μ	μ	μ		
	LE	23-57-00			1			
	EE	0-12-38			2			
	MM	0-18-15	1					
	FN	1-08-00						
	FE	1-18-00						
23rd.	EE	6-20-00			1			
	LE	6-23-30	2		2			
	FE	7-04-00						
24th.	eN	10-34-30						
	LN	10-55-12	2					
	FN	10-54-00						
	eE	12-40-22						Only a trace on NS.
	LE	12-42-00						F doubtful.
24th.	EE	21-25-00						
	LE	21-26-10			2			NS record very small.
	FE	21-39-00						
25th.	LN	6-11-30	1					
	EE	6-21-00			2			
	FE	7-00-00						
25th	eE	18-10-10						Short period waves from
	eN	18-13-37						18h16m23s to 18h26m22s.
	LN	18-16-23	2					
	F	19-04-00						
26th	eN	?19-18-00						No light eclipse.
	LN	?19-32-00						Wind interferes with
								NW record.
27th.	LE	5-11-00						
	FE	5-24-00						NS record too small.
27th	LN	8-26-00						EW component quiet.
	FN	8-37-00						
28th.	eE	9-12-37						
	eE	9-22-29						
	LE	9-44-22						
	ME	10-08-00	15		6			
	F	11-42-00						
30th	eE	18-24-00						Wind at F. NS record
	LE	18-33-23			1			indefinite.
30th	EL	20-27-00						F.20h 57m 00s.
31st.	eN	12-19-15						
	LE	<del>12-31</del> -00			1			FE 13h 24m 00s.
31st.	eN	18-22-10						
	LN	18-25-05	20	5				
	LN	18-26-00						
	FE	19-23-00						

JAMES YOUNG.  
Seismologist.

# TORONTO

## SEISMOLOGIC STATION, METEOROLOGICAL SERVICE OF CANADA

LATITUDE, 43° 40' 0.8" N. LONGITUDE, 5h 17m 35.6 W. HEIGHT, 373 feet above sea level. SUBSOIL, Sand and Clay

Time: G. M. T. MIDNIGHT TO MIDNIGHT PERIOD, 12 SECONDS.

INSTRUMENTS—Two Milne-Shaw Seismographs MAGNIFICATION 150  
DAMPING 20-1

No. AND DATE	PHASE	TIME h. m. s.	PERIOD s.	AMPLITUDE			Δ	REMARKS
				A <sub>N</sub> μ	A <sub>E</sub> μ	A <sub>Z</sub> μ		
AUGUST 1st. 1926.	eE	6-07-45						NS component, record is much smaller.
	LE	6-10-37			2			
	FE	6-30-00						
2nd.	PN?	5-21-38						8710 km.
	eE	5-27-30						
	eSN	5-31-34						
	LN?	5-47-00						
	MN	6-15-00	24	13				
	FE	8-25-00						
2nd	eN	?13-37-00						
	LE	(13-45-00						
	LE	(14-10-00						
	FN	(14-24 to 14-28-00 15-37-00	17		3			
3rd.	eE	3-44-45						May be a dual eq. Max on EW at 4h 51m 00s period, 17 sec. amp. 7u
	eN	4-09-45						
	LE	( 4-13-00	23					
	LN	( 4-17-30	17-20		3			
	MN	4-44-38	22	11				
	ME <sup>N</sup>	4-48-23	15	6				
	FN	4-56-45 6-19-00						
3rd.	LN	10-55-00						
	eE	11-12-00						
	LN	11-37-00						
	MN	11-44 to 11-45-00	22	13				
	F	13-18-00						
3rd.	eN	21-02-22						Wind interferes with EW record.
	LN	21-11-25			2			
	FN	22-03-00						
6th	eE	?5-40-22						No cut-off.
	LE	( ?5-47 00						
	F	( 5-50-23 8-20-00			3			
6th.	LN	16-50-15						Wind in EW
	LN	16-59-37			2			
	FN	17-34-00						
6th	eE?	17-59-30						
	LN	18-00-13						
	LN	18-01-18	10	1				
	FN	18-05-00						
6th	eN	23-10-15						
	LN	23-29-15						
	MN	23-48-15	22	8				
	FN	0-31-00						



# TORONTO

## SEISMOLOGIC STATION, METEOROLOGICAL SERVICE OF CANADA

LATITUDE, 43° 40' 0.8" N. LONGITUDE, 5h 17m 35.6 W. HEIGHT, 373 feet above sea level. SUBSOIL, Sand and Clay

Time: G. M. T. MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw Seismographs

NO. AND DATE	PHASE	TIME <small>h. m. s.</small>	PERIOD <small>s.</small>	AMPLITUDE			Δ	REMARKS
				<small>A<sub>N</sub></small> <small>μ</small>	<small>A<sub>E</sub></small> <small>μ</small>	<small>A<sub>Z</sub></small> <small>μ</small>		
AUGUST	continued.							
7th	LN LN FN	( 3-05-00 ( 3-14-00 3-35-00	17	2				EW record much smaller.
8th.	eE LE FN	12-01-50 12-04-38 12-08-00	15		2			
9th.	O ePE eSE iSE iE LEN ME ME FE	3-39-27 3-49-35 3-57-45 3-57-52 3-58-09 4-08-00 4-16-00 4-17-15 6-59-00	23? 18		21			6640 km. No cut-off on NS component for P & S.
9th.	LE LE F	(14-58-15 (15-01-15 15-51-00	18		3			
9th.	Faint	quake at 22h.31m.						
10th.	Faint	quake at 1h29m.						
10th.	LE LE F	22-15-45 22-17 to 22-27 23-01-00	18 15		5			Sinusoidal.
12th.	eN iE LN F	22-38-05 22-38-45 22-51-00 23-16-00		2				
14th.	Very small disturbance at 9h 23m. Small record at 22h 27m, L waves.							
15th	eE LE LE FE	3-39-52 3-44-38 3-59-00 4-42-00			2			Very slight waves on NS record.
15th.	Faint	traces at 7h 07m.						
16th.	Slight	waves at 3h 28m, too small to measure.						
17th	LE FE	2-24-52 2-28						NS component, quiet.
21st.	Slight	trace from 15h 45m to 16h 20m.						
21st.	"	" " 19h 56m to 20h 24m.						
24th	LE LE FN	22-57-00 22-59-00 23-03-00			2			

# TORONTO

## SEISMOLOGIC STATION, METEOROLOGICAL SERVICE OF CANADA

LATITUDE, 43° 40' 0.8" N. LONGITUDE, 5h 17m 35.6 W. HEIGHT, 373 feet above sea level. SUBSOIL, Sand and Clay

Time: G. M. T. MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw Seismographs

NO. AND DATE	PHASE	TIME h. m. s.	PERIOD s.	AMPLITUDE			Δ	REMARKS
				A <sub>N</sub>	A <sub>E</sub>	A <sub>Z</sub>		
				μ	μ	μ		
AUGUST, continued.								
25th	eE	( 6-05-22						
	eE	( 6-10-15						
	eE	( 6-11-38						
	eE	( 6-14-30						
	eN	6-12-43						
	iN	6-21-06						
	IE	( 6-29-32						
	IE	( 6-41-23	30					
	LN	6-37-23						
	ME	6-48-45	20		67			
	MN	( 6-50-15	23	13				Science Bulletin
	M2N	( 7-00-30	18	8				gives Island of Guam.
IE	8-41-00	23					13N and 147E	
FE	10-28-00							
25th	LE	20-14-15			1			
	FE	?20-38-00						MS record too small to measure.
26th.	eE	7-30-00						
	LE	7-42-00			2			Only faint trace on MS component.
	FE	8-35-00						
30th.	ON	11-38-05						
	ON	11-38-06						
	EPEN	11-49-33						
	ePN	11-49-52						
	iPE	11-49-54						
	IE?	11-50-12						
	iSE	(11-58-58	8-12		12			
	iSE	(11-59-35	8		12			8110 km.
	iSN	11-58-59)	8	9				Science Bulletin gives
	iSN	11-59-33)	10	8				Lat. 43 N, Long. 30 East.
	eN	12-07-21	18					
	eE	12-07-36	15					
	LN	12-12-13)	25					
		12-12-20)						
	LE?	12-12-30)						
	LE	12-16-08)	30		21			
LN	12-13-35	30	9					
FN	13-25-00							
31st.	eE	10-48-58						
	eS2N	10-53-28						
	LE	10-59-00)						
	IE	11-02-00)	15		4			F not recorded.
	FE	11-56-00						Reported from the Azores

James Young,  
Seismologist.



# TORONTO

## SEISMOLOGIC STATION, METEOROLOGICAL SERVICE OF CANADA

LATITUDE, 43° 40' 0.8" N. LONGITUDE, 5h 17m 35.6 W. HEIGHT, 373 feet above sea level. SUBSOIL, Sand and Clay  
 Period 12 seconds.  
 Time: G. M. T. MIDNIGHT TO MIDNIGHT Magnification 150  
 INSTRUMENTS—Two Milne-Shaw Seismographs Damping, 20-1

NO. AND DATE	PHASE	TIME h. m. s.	PERIOD s.	AMPLITUDE			Δ	REMARKS
				A N μ	A E μ	A Z μ		
SEPTEMBER 1st.	1926. LE	(13-10-23						
	LE	(13-11-00			2			
	ME	13-15-00			3			
	F	14-12-00						
2nd.	?iP'E	1-41-30						
	?eP'N	1-41-30						
	iN	1-41-33						
	iE	1-41-45						
	iE	1-44-50	4					
	eE	1-45-14						Normal P may not have been recorded.
	eE	2-04-21						
	EM?	2-22-00						
	MM	2-42-53	20	19				
	ME	2-46-03	18		38			
2nd.	LN	19-11-15		1				
	F	19-28					Wind masks EW record.	
4th	O	15-37-03						
	ePN	15-49-32						
	PRLN	15-53-15						
	eSN	15-59-52	8					
	SE	15-59-55						
	iSN	15-59-58						
	?LN	16-16-00						9320 km.
	LE	16-15-15						Wind interfered with P on EW record.
	ME	16-26-32	23		18			
	MM	16-26-43	22	9				
6th	LN	16-36-00	15-17					
	F	17-35						
	eN	0-29-00						
	(LN	0-59-52	15	2				
	(LN	1-12-25	15	3				
6th.	LE	1-43-30	15		2			
	F	3-40						
	eE	8-33-30						
	LE	9-04-00			1			
	LE	9-06 to 9-24	15		2-3		Uniform waves. NS record very small.	
6th	F	10-00						
	?LE	16-07-23						
	LE	16-13-19	?17		?10			Heavy wind effects boom.
7th	FN	17-40						
	iPN	12-43-44						
	eE	12-49-17						
	eE	12-53-28						
	eN	12-53-44						
	eE	13-01-00	17					
	eN	13-01-10	15					
	LE	13-22-06	30					
MM	13-27-00	24	26					
		6-00						

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LATITUDE, 43° 40' 0.8" N. LONGITUDE, 5h 17m 35.6 W. HEIGHT, 373 feet above sea level. SUBSOIL, Sand and Clay

Time: G. M. T. MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw Seismographs

NO. AND DATE	PHASE	TIME h. m. s.	PERIOD s.	AMPLITUDE			Δ	REMARKS
				A <sub>N</sub>	A <sub>E</sub>	A <sub>Z</sub>		
				μ	μ	μ		
SEPTEMBER, continued.								
9th.	Small disturbance		19h 33m 15s to 20h 36m.					
10th	LE LE F	(9-04 (9-07 9-47	30		4			Only slight trace on NS
10th	iP'N ?P'E eN eE ?PRiN EN eE LN MLE MSE MSE MIN M2N F	10-53-52 10-53-54 10-54-10 10-54-12 10-57-27 11-03-57 11-04-19 11-46-00 11-53-15 11-58-20 12-05-36 11-59-02 12-07-12 15-17	3  8  10 10-17 17 38 23 23 21 24 21	5				
11th	Small quake from		13h to after 15h, more marked on EW.					
12th	iN LN MN F	16-02-53 16-55-23 16-59-15 17-26			2 3			
14th	Small quake		7h 11m to 7h 47m.					
15th	LE ME F?	12-26-00 13-02-00 14-23	23		9			
16th	?P'E ?PRiE eE eE ?LE LN ME MN F	(18-17-04 (18-18-30 18-19-18 18-25-00 18-26-19 18-50-00 18-54-45 19-05-40 19-07-56 21-47	11					Small micros going on.
17th	LE ME LE F	3-53-23 4-00-00 4-20-00 5-21-00	15		3			May be a dual eq.
17th	PRiE eSE LE ME	23-22-54 23-27-17 23-34-10 23-36-25	15			12		P obscured by small micros. F lost in next quake.



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## SEISMOLOGIC STATION, METEOROLOGICAL SERVICE OF CANADA

LATITUDE, 43° 40' 0.8" N. LONGITUDE, 5h 17m 35.6 W. HEIGHT, 373 feet above sea level. SUBSOIL, Sand and Clay

Time: G. M. T. MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw Seismographs

No. AND DATE	PHASE	TIME h. m. s.	PERIOD s.	AMPLITUDE			Δ	REMARKS
				A <sub>N</sub> μ	A <sub>E</sub> μ	A <sub>Z</sub> μ		
SEPTEMBER, continued.								
17th	LN	(23-45-23		2				After shocks.
	LN	(23-55-38						
18th	LE	0-47-23		2				Other phases cannot be interpreted.
18th	LE	1-58-38		2				
	FN?	?2-08-00						
21st.	Small disturbance on EW component from 6h 53m to 7h 05m							
21st	" " " from 22h 24m to 22h 39m.							
22nd.	LN	21-26-13						
	LN	21-27-47						
	MN	21-29-21	10	8				
	F	22-18						
23rd.	LE	(19-53						
	LN	(20-00		2				
	F	20-05						
27th.	Very small quake from 2h 34m to 2h 45 m. L.Waves.							
28th.	Slight irregularity from 16h 02m to 16h 04m.							
28th	Small disturbance 16h 58m to 17h 46m							
28th	LN	18-07						Eg. felt in Vienna during afternoon of 28th, sharp shock.
	F	18-17		1				
29th.	Small record from 5h 02m to 5h 25m.							
29th.	eE	5-51-00						2-3NS record too small to measure.
	LE	5-55-10			2			
	LE	(6-22 to	15					
	F	(6-51-00						
		7-21						
30th.	eE	4-32-16						
	LE	(4-33-39			1			
	LE	(4-37-00			2			
	F	5-06						
30th	Small disturbance from 5h 54m 30s. to 6h 23m. Barely noticeable on NS component.							

James Young, Seismologist.

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Time: G. M. T. MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw Seismographs

No. AND DATE	PHASE	TIME <small>h. m. s.</small>	PERIOD <small>s.</small>	AMPLITUDE			REMARKS
				<small>A N</small>	<small>A E</small>	<small>Period 12 seconds. Magnification, 150 Damping 20.1</small>	
				<small>μ</small>	<small>μ</small>	<small>μ</small>	
1926 OCTOBER.							
1st.	eN	9-16-51					
	eE	9-16-53					
	iE	9-16-55					
	?cE	9-21-00	6				Very irregular L waves.
	eN	9-21-34					
	?eSE	9-21-30					
	?LE	9-27-00					
	LN	9-29-00	30?	3			
	ME	9-34-36	15		4		
	FN	10-15-00					
1st.	eN	23-09-00					EW record obscured by wind.
	LN	23-29-00		2			
3rd.	eE	9-15-00					
	iE	9-22-00			2		
	F	9-56-00					
3rd.	?eE	19-57-56					Vibrations of Max. movement interfered with beginning.
	eE	(20-00-23)	6				
	iE	(20-01-09)					
	iE	(20-01-19)	8		12		
	?SRLE	20-19-22					
	LE	20-36-04	30-38				
	LE	20-43-56					
	ME	20-52-11	17		163		
	LE	20-54-00	17				
	F	0-21-00					
	eN	19-57-34					
	iN	(20-01-13)	6				
	iN	(20-01-48)					
	eN	(20-20-00)					
	LN	20-36-10	52-60				
	MN	20-50-30	18	102			
	LN	21-05-28	18				
5th.	LE	16-13-00			2		Cut-off not working.
	F	?17-00					
7th.	Very small record 1h 51m to 2h 14m.						
8th.	eE	20-10-33					
	LE	20-18-00	15		3		
	FN	20-35-00					
11th	eE	0-40-10					
	LE	1-06-00	15		2		
	LE	1-12 to	15		2		
		1-27-30					
	FN	1-55-00					
11th.	LN	2-16-10		1			Cut-off ,irregular.
	F	2-28-00					



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Time: G. M. T. MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw Seismographs

NO. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			REMARKS
				A N μ	A E μ	A Z μ	
1926, OCTOBER, continued.							
13th	O	6-02-27					
	ePE	6-12-51	8				
	ce	6-21-08					
	iSE	6-21-17					
	iE	6-21-23	12		12		6940
	LE	6-31-33					
	MLE	6-40-32	17		33		
	MSE	6-44-40	15		30		
	MSE	6-46-58	17		33		
	F	9-50-00					
	ePN	6-12-47					
	eN	6-21-11					
	iSN	6-21-20					
	iN	6-22-22	8				Aleutian Islands.
	LN	6-31-41					
	MN	6-40-00	15	24			
13th	O	14-17-56					
	ePN	14-28-15					
	iPE	14-28-19					
	eSE	14-36-43					
	LE	14-47-15					
	LN	14-47-08					
	MSE	14-53-15	15		42		
	MN	14-55-00	15	24			
	FN	17-54-00					
13th	O	19-08-09					
	iPE	(19-18-21)					
		(19-18-24)	4				
	iSE	19-26-35	8				6710 km.
	iE	19-26-55	10		59		
	LE	19-37-41					
	MSE	19-48-38	15		95		Marked vibrations.
	F	? 0-23					
	O	19-08-15					
	PN	19-18-22)					
	iPN	19-18-27)					
	iSN	19-26-31)					
	iN	19-26-35)	8	25			
	iN	(19-28-15)					
	iN	(19-28-35)	8	26			
	MN	19-45-52	15	86			
	MN	19-46-03	15	97			
	MN	19-46-22	15	102			
14th	O	2-11-07					
	ePE	2-21-22					
	eSE	2-29-39					
	SRLE	2-34-26					6770 km.
	LE	( 2-40-45)					
	LE	( 2-44-25)					
	LE	( 2-58-15)	15		5		
	F	4-57-00					
14th.	Small record from 7h 38m 18s to 7h 54m.						
15th	" " from 14h 35m to 15h 14m.						

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Time: G. M. T. MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw Seismographs

NO. AND DATE	PHASE	TIME h. m. s.	PERIOD s.	AMPLITUDE			REMARKS
				A N μ	A E μ	A Z μ	
1926, OCTOBER, continued.							
19th	0	20-51-30					
	?ePN	20-56-30					
	iPN	20-56-32					
	SN	21-00-33					2450 km. S poorly defined. Micros at F
	iSE	21-00-34					
	LN	21-07-23					
	ME	21-09-33	15	12			
	ME	21-06-45	15		25		
22nd.	eSN	12-47-12					
	iSN	12-47-15					
	IE	12-55-00	10		24		California. F merged into next quake.
	iLN	12-52-30					
	MIN	12-53-32	15	153			
	M2N	12-53-50	15	143			
	M3	12-54-00	12				
22nd	eSN	13-47-30					
	LN	13-49-00					
	iLN	13-53-15	17				
	M1N	13-53-42	15	137			
	M2N	13-53-57	15	155			
	M3N	13-54-15	15	161			
	MiE	13-56-11	8		11		
	FN	15-34-00					
22nd	eN	20-39-38					
	LN	20-48-38		2			Wind interfered with EW record.
	F	21-20					
23rd.	IE	16-46-15	10		2		
	F	16-52-00					
24th	eN	23-10-08		2			Irregular waves.
	F	23-18-00					
26th	LN	3-04-22		1			
	LN	3-08-00		2			
	F	3-30-00					Wind on EW record.
26th	?iE	3-53-44					Small micros going on.
	iE	4-05-39					
	iE	4-07-07	8				
	iE	4-10-51					
	iE	4-12-37	10		15		
	IE	4-42-07	21				
	M1E	4-49-21	28		286		
	M2E	4-54-00	20		75		
	M3E	4-58-30	20		86		
	LE	9-41-00					
	eN	4-04-12)					
	eN	4-05-44)					
	iN	4-12-35)					
	iN	4-17-21)					
	LN	4-42-05					
	MIN	4-54-15	22	169			
	M2N	4-55-50	18	115			
	LN	9-40-13	23	8			
		-14-00					



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Time: G. M. T. MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw Seismographs

NO. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			Δ	REMARKS
				A N	A E	A Z		
				μ	μ	μ		
1926 October, continued.								
26th	eN	14-38-15						
	LN	14-49-21						
	LN	15-20-08						
	MN	15-25-36	22	13				Marked sinusoidal waves from 15h21m to 15h41m.
	F	16-39-00						
27th.	?eN	0-42-03						
	LN	0-48-40						
	LE	0-53-00			3			
	FN	1-06-00						
27th	LN	6-04-00						
	MN	6-08 to						
		6-13-00	17	3				
	F	7-10-00						Micros mask phases.
28th	LE	( 2-12-00			2			
	LE	( 2-12-23			3			
	FN	3-12-00						
29th.	Small record from			1h 11m to	1 h.	34m.		
30th	eE	6-11-23						
	LE	( 6-11-45			2			
	LE	( 6-14-00			3			
	FE	6-18-00						
30th	eN?	8-52-15						
	LN	8-56-00		2				
	F	9-06-00						
30th.	Slight record from			11h 20m 00s to	11h 43m			
30th.	PN	19-48-47						
	?PE	19-48-50)						
	iE	19-49-18)						
	eE	19-49-45)						
	eSE	(19-54-03						
	iSE	(19-54-10						P very small and indefinite.
	LE	19-58-23						
	iLE	20-00-32	10		21			
	ME	20-01-41						
	eSE	20-02-53	10		65			
	MN	20-01-39	8	47				
	F	21-55-00						

James Young,  
Seismologist.

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Time: G. M. T. MIDNIGHT TO MIDNIGHT Period 12 seconds.

INSTRUMENTS—Two Milne-Shaw Seismographs Magnification, 150  
Damping, 20-1

NO. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			REMARKS	
				A N μ	A E μ	A Z μ		
1926 November.								
1st.	PRLE	1-47-01					Micros.	
	eN	1-47-03						
	eSE	1-51-29						
	iSE	1-51-38						
	iE	1-51-57	10		11			
	LE	(1-55-48)						
	iLE	(1-58-00)						
	MLN	1-59-08	8	88				
	MEN	2-00-42	10	95	131		Science Bulletin	
	M3N	2-01-45	8	93			gives 53 N	
	LE	2-25 to					129 W.	
		2-45-00						
	FN	4-51-00					Irregular.	
1st.	LE?	15-38-00						
	LE	15-43-15	15		2		Attending instrument	
	F	15-56					at 15h 30m.	
2nd.		Small quake at 17h 04m to 17h 28m.						
2nd.	eN	20-08-00						
	LN	20-31-00						
	LN	20-35-19		2			Wind interfered with	
	F	21-02					EW.	
2nd.	iE	21-31-25	8					
	LE	21-55-30			3			
	LE	22-01-45			2			
	F	23-00						
3rd.	eEN	18-57-15						
	LE	19-23-15						
	LE	19-27-00	22		5			
	F	20-40						
5th	O	7-55-31						
	iPE	8-01-50						
	iPN	8-01-51						
	iSE	8-06-50						
	iSN	8-06-55	6	78			3240 km. P & S quite	
	iE	8-07-44	12		-33		large.	
	iE	8-08-41	10		-34		Nicaragua.	
	iLE	8-09-48	8					
	ME	8-11-00	12		68		M amplitude on NS	
	MN	8-11-17	10	-56			at S. Large, rapid	
	LN	8-24 to					irregular L waves.	
		8-41 to						
		9-48 (Much smaller amp. than previous waves)						
	F	11-45						
6th.	eE	10-13-30						
	LN	(10-19-30)		2				
	LN	(10-30)	15	2				
	FE	13-02						



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Time: G. M. T. MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw Seismographs

NO. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			REMARKS
				A <sub>N</sub>	A <sub>E</sub>	A <sub>Z</sub>	
NOVEMBER 1926		continued.		μ	μ		Working in room at time of quake.
7th.	LE	17-10-00	20		2		
	F	17-30					
8th	LN	22 45 to 22h 55m,					very slight trace.
11th		Small disturbance 3h56m to 4h 22m					
12th		Small disturbance 18h 40m to 18h 52m.					
13th	eEN	4-00-08					
	LE	4-15-15	20		8		
	F	5-22-00					
15th	iN	24-36-					
	iN	24-37					Cut-off not working.
	LE	4-39-36		2			Irregular, small waves.
	LN	24-48-15		3			
	FN	5-14-00					EW component, not recording.
19th		Small quake from 17h45m26s to 17h 51m.					
21st.	"	" " 4h20m to 4h 33m.					
23rd.	"	" " 1h 03m to 1h 38m.					
25th	"	" " 22h 17m to 22h 37m.					
27th	eN	5-49-43					
	eE	5-56-45					
	LN?	26-10-35					
	LE	6-28-30	20	3			
	F	7-17					
27th	LN	14-59-52	15	2			L followed by short period waves.
	F	15-26					
DECEMBER.							
1st.		Slight trace from 1h59m to 2h 18m.					
2nd.	"	" " 8h 45m to 10h 32 m.					
2nd.	"	" " 23h 42m to 23h 50m.					
2nd.	iE	23-42-12					
	LE	(23-42-23					
	LE	(23-49-45			1		
	FN	23-58					
3rd.	LN	3-02-09					
	<del>LN</del> LE	3-05-18	10		2		
	F	3-08					
3rd.		Two slight disturbances on NS component from 5h45 to 6h12m and from 6h32m45s to 6h 53m.					
3rd.	LE	23-44-45					
	LE	23-49-45	17		2		
	FE	0-12					Only slight trace on NS.
4th		Very slight trace on NS comp. from 5h46m to 5h 55m.					
10th	eE	8-51-14					
	iE	8-51-22					Science Bulletin gives
	eN	(8-52					Lat 41 N, Long. 136 W.
	eN	(8-54					Times doubtful on NS
	LN	8-57 to 9h15m					as cut-off not operating
	<del>LN</del>	8-58-15	10	13			F 9h 49m.
		8-59-36	12	18			