

VICTORIA, B.C.

1927

EARTHQUAKE STATION, METEOROLOGICAL SERVICE OF CANADA

LATITUDE, 48° 24' N. LONGITUDE, 123° 19' W. HEIGHT, 222 feet above sea level. SUBSOIL, Rock.
 Time; Mean Greenwich, MIDNIGHT TO MIDNIGHT PERIOD 12 seconds.
 MAGNITUDE, 2.50
 DAMPING 20-1.
 INSTRUMENTS—Two Milne-Shaw, one Weichert, Vernier

NO. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			Δ	REMARKS
				A _N	A _E	A _Z		
		<small>k. m. s.</small>		<small>μ</small>	<small>μ</small>	<small>μ</small>		
JANUARY, 1927.								
1st.	O	8-23-35						
	PE	8-23-01						
	ME	8-26-11	15					
	ME	8-27-51	10		24		640	
	F	8-26-01						
1st.	O	9-21-54						
	PE	9-22-01	5					
	PE	9-22-31	5					
	LEEN	9-22-59	15-20					
	ME	9-24-51	10	21			250	
F	9-33-01							
1st.	LE	13-08-21	10					
	ME	13-09-20	10		6			
	PE	13-13-01						
4th	LE	0-06-08	15					
	LE	0-06-45	20					
	ME	0-07-53	20		12			
7th	LE	9-28-57	20					
	ME	9-33-35	18		7			
	PE	9-36-57						
7th	LE	11-10-02	15					
	ME	11-10-27	10		2		NS component too small to measure	
12th	PE	?22-00-26	5					
	PN	22-00-36	5					
	LEEN	22-16-56	25-30					
	ME	22-25-56	20		5			
	PE	22-41-56						
14th	LEEN	2-47-55	10					
	ME	2-49-45	10		1			
	F	2-53-55						
17th	PEEN	22-17-41	8					
	LEEN	22-25-11	20					
	ME	22-35-56	20		3			
	PE	23-00-01						
19th	LE	0-03-29	20					
	ME	?0-05-37	20		5			
	PE	0-11-09						
19th	PE	1-25-17	8					
	LE	1-30-29	20					
	ME	1-32-29	10		2			
	F	1-43-59						

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LATITUDE, 48° 24' N. LONGITUDE, 123° 19' W. HEIGHT, 222 feet above sea level. SUBSOIL, Rock.

Time; Mean Greenwich, MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw, one Weichert, Vertical

NO. AND DATE	PHASE	TIME <small>k. m. s.</small>	PERIOD <small>s.</small>	AMPLITUDE			Δ	REMARKS
				A N <small>μ</small>	A E <small>μ</small>	A Z <small>μ</small>		
January 1927 (continued)								
19th.	LE	2-36-19	12					
	ME	2-33-04	12		2			
	PN	2-41-29						
20th.	PH	11-09-16	7					
	LN	11-19-06	10					
	MM	11-20-00	8	9				
	PN	11-44-56						
24th	ON	1-06-27						
	PN	1-19-06	6					
	SN	1-29-43	12					
	PL	1-19-08	6					
	SE	1-29-08	12					
	LN	1-42-38	35					
	MM	2-01-08	18	35				0 derived from EW
	ME	1-58-00	18		52			9530 1h 07m 07s.
	PE	4-24-48						8790
24th	ON	6-57-20						
	OP	6-57-38						
	PN	7-05-57	8					
	PE	7-06-05	8					
	SDM	7-12-47	12					
	LE	7-24-23	20					
	ME	7-31-57	20		8			4990
	PE	9-25-47						
25th	O	8-08-10						
	PN	8-16-29	8					
	SN	8-23-04	11					
	LN	8-40-07	18					
	MM	8-50-49	16	2				4860?
	ME	8-50-59	20		5			
	PE	9-08-59						
25th	O	23-25-11						
	PE	23-34-10	8					
	SE	23-41-18	12					
	ME	0-08-20	18		8			5480
	PE	0-31-00						
26th	PN	16-00-36	10					
	PE	16-00-56	8					
	LE	16-20-56	20					
	LN	16-22-06	20					
	MM	16-25-40	18	5				
	PE	16-54-56						
29th	LE	19-56-46	50					
	ME	20-12-18	20		5			NO component too small to measure.
	PE	20-26-06						
31st.	PH	8-28-31	6					
	LE	8-29-23	12					
	ME	8-30-34	12		3			
	F	8-36-06						

P. HARTER DEPT. OF SEISMOLOGY



VICTORIA, B.C.

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LATITUDE, 48° 24' N. LONGITUDE, 123° 19' W. HEIGHT, 222 feet above sea level. SUBSOIL, Rock.

Time; Mean Greenwich, MIDNIGHT TO MIDNIGHT Period 12 seconds.

INSTRUMENTS—Two Milne-Shaw, one Weichert, Magnification, 250
Damping, 20-1

No. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			Δ	REMARKS
				A _N	A _E	A _Z		
		<small>k. m. s.</small>		<small>μ</small>	<small>μ</small>	<small>μ</small>		
FEBRUARY, 1927.								
1st.	O	17-56-42						
	PE	18-09-29	6					
	PN	18-09-44	6					
	SN	18-20-09	10					
	SE	18-20-14	10					
	LE	18-37-39	22					
	ME	18-40-39	18		76		O from NS component, 17h 57m 17s.	
	FE	20-29-59					9700	
3rd.	LE	4-35-57	20					
	ME	4-42-05	18		5			
	FE	4-49-27						
4th	LE	3-13-03	20					
	ME	3-32-28	20		12			
	FE	3-56-55						
12th	PE	7-28-42	8					
	LE	7-29-06	15					
	ME	7-29-44	15	9	5			
	FE	7-36-44						
12th	PE	9-07-44	6					
	LEN	9-08-14	10					
	ME	9-08-38	10		5			
	F	9-13-44						
13th	LE	14-39-22	20					
	ME	14-42-30	18		4			
	FE	14-51-43					Not shown on NS.	
14th.	LE	4-30-27	20					
	ME	4-34-10	18		5			
	FE	4-47-42						
16th	LE	0-00-44	18					
	ME	0-02-24	15		4			
	FE	0-07-04						
16th.	O	1-35-05						
	PN	1-44-45	6-5					
	SE	1-52-16	10					
	SN	1-52-18	12					
	LN	1-59-34	20					
	LE	2-01-04	20					
	ME	2-12-18	18		47			
	LN	2-12-24	13	21			5900	
	FE	5-47-04					O from NS 1h35m18s	
16th.	Small quake with L at 12h 09m 16s.							
24th.	LE	4-37-34	20					
	ME	4-40-44	20		8			
	FE	4-47-04						

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Time; Mean Greenwich, MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw, one Weichert, Vertical

NO. AND DATE	PHASE	TIME <small>k. m. s.</small>	PERIOD <small>s.</small>	AMPLITUDE			Δ	REMARKS
				<small>A_N</small> μ	<small>A_E</small> μ	<small>A_Z</small> μ		
February, continued.								
26th	LE	2-44-32	22					
	ME	2-46-57	12		3			
	PE	3-06-59						
27th.	PH	4-02-06	5					
	LN	4-03-21	12					
	LE	4-01-59	12					
	ME	4-04-39	10		8			
	LN	4-05-27	10	12				
	PE	4-16-59						
28th	PE	14-31-09	8					
	PN	14-31-17	8					
	LE	14-52-04	22					
	ME	14-58-19	18		24			
	PE	15-29-59						

F. Napier Denison,
Seismologist.

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LATITUDE, 48° 24' N. LONGITUDE, 123° 19' W. HEIGHT, 222 feet above sea level. SUBSOIL, Rock.

Time; Mean Greenwich, MIDNIGHT TO MIDNIGHT

PERIOD 12 seconds.

MAGNIFICATION, 250

INSTRUMENTS—Two Milne-Shaw, one Weichert, Damping, 20-1

NO. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			Δ	REMARKS
				A N	A E	A Z		
1927. MARCH								
3rd.	1-15-20							
	O	1-15-20						
	PE	1-24-30	6					
	SE	1-33-40	12					
	SN	1-34-35	10					
	LEEN	1-50-50	20-35					
	ME	1-51-50	35	92				
	ME	1-57-55	24		69		7800	
	PE	4-06-00						
5th	PH	4-39-01	5					
	LN	4-39-56	15					
	NU	4-41-11	15	4				
	PE	5-11-01						
6th	PN	2-04-59	8					
	PE	2-06-01	8					
	LN	2-09-54	12					
	LN	2-09-54	12	4				
	PH	2-20-01						
7th.	O	9-25-59						
	PIEN	9-39-01	8-6					
	SN	9-48-17	12					
	SE	9-50-00	18					
	LE	10-04-31	22					
	ME	10-13-13	16		64		10,010	Central Japan.
	ME	10-12-56	12	30			7930?	O derived from
	PE	12-11-01						NS, 9h27m44s?
9th.	Small quake from 16h 30m 11s to 17h 23m 01s.							
13th	LE	6-07-37	20					
	ME	6-11-42	15		9			
	PE	6-17-02						
14th	LE	18-28-44	20					
	ME	18-30-58	18		4			Too small to measure
	PE	18-36-38						on NS component.
15th	PE	22-11-54	6					
	LE	22-30-27	30					
	ME	22-41-29	14		4			P on NS at 22h11m49s.
	PE	22-59-59						
18th	LE	22-30-19	30					
	ME	22-33-37	20		3			NS record too small
	PE	22-49-59						to measure.
20th	LN	16-24-22	12-10					
	MEEN	16-40-37	12	3	3			
	PE	17-22-57						
21st.	LE	10-13-09	12					
	ME	10-26-47	14		3			
	PE	10-47-57						

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Time; Mean Greenwich, MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw, one Weichert, Vertical

NO. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			Δ	REMARKS
				A N μ	A E μ	A Z μ		
MARCH, 1927 (continued)								
21st.	LE	15-18-57	40					
	ME	15-42-15	20		17			
	FE	17-06-57						
22nd.	LE	1-11-27	12					
	ME	1-32-47	12		4			
	FE	1-50-57						
22nd.	LE	8-21-09	20					
	ME	8-30-48	18		6			
	FE	8-36-57						NS, not record.
23rd.	LE	9-53-18	40					
	ME	10-00-08	22		10			
	FE	10-47-58						
25th	LE	4-13-33	16					
	ME	4-18-08	13		3			
	FE	4-22-58						
25th	O	12-54-58						
	PE	12-59-59	6					
	PN	13-00-03	8					
	LE	13-03-59	10					
	ME	13-06-31	18		29		2440	
	FE	13-45-59						
26th	LN	13-50-19	20					
	MN	13-51-19	12	7				
	FE	14-27-59						
26th	LE	22-50-55	18					
	ME	22-52-20	10		2			
	FE	22-58-10						
28th	O	7-55-48						
	PE	7-57-22	5					
	LE	7-58-39	12					
	ME	7-59-21	12		29		700	
	MN	8-00-51	10	26				
	PN	8-20-01						
29th	LE	22-55-56	20					
	ME	22-58-21	20		3			
	FE	23-03-01						NS not recorded.
30th	PN	7-53-21	10					
	LE	7-58-01	5					
	ME	8-04-25	10		5			P not recorded on EW L doubtful on NS.
	FE	8-24-01						
30th	PE	14-35-32	8					
	LE	14-52-02	18					
	ME	14-55-20	12		3			
	FE	15-18-12						

F. Napier Denison.

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Time; Mean Greenwich, MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw, one Weichert, Victor

PERIOD 10 SECONDS
MAGNIFICATION, 250

DUTY LOG 20-1

NO. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			Δ	REMARKS
				A N	A E	A Z		
		h. m. s.	s.	μ	μ	μ		
APRIL 1927.								
1st.	PE	19-18-03	6					
	LE	19-27-45	10					
	ME	19-27-49	10		25		2800?	
	FE	20-48-04						
6th.	PEN	19-13-22	5					
	LE	19-13-29	8					
	LN	19-13-26						
	ME	19-13-32	10	6			40?	
	FE	19-19-02						
9th.	PEN	19-14-12	5					
	LE	19-24-32	24					
	LN	19-25-02	20					
	ME	19-29-04	10		5			
	FN	19-38-02						
11th.	Small	quake with L at 21h37m09s, not visible on NS.						
12th.	Small	quake from 23h55m to 0h 09m, not visible on NS.						
13th	PEN	14-07-47	6					
	LN	14-09-21	20					
	LE	14-11-31	20					
	ME	14-25-41	20	3				
	FE	15-07-51						
14th.	OE	6-23-48						
	ON	6-24-19						
	PEN	6-36-41	8					
	SN	6-47-01	15					
	SE	6-47-31	15					
	LE	7-07-51	20					
	LN	7-05-31	35					
	MN	7-05-31	35	100	33		9180	
	ME	7-10-43	24		48		9830	
	FE	9-34-01						South America Chile
16th	O	8-14-59						
	PE	8-21-53	4					
	SE	8-27-22	10					
	LE	8-37-21	15					
	ME	8-38-33	15		29		3690	Kamchatka.
	FE	11-29-03						
18th	LE	14-31-02	20					
	ME	14-34-14	15		4			
	F	14-39-04						
19th.	PE	17-53-45	8					
	PN	17-53-53	8					
	MN	18-10-35		7				
	FN	19-14-05						

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Time; Mean Greenwich, MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw, one Weichert, Vertical

NO. AND DATE	PHASE	TIME <small>k. m. s.</small>	PERIOD <small>s.</small>	AMPLITUDE			Δ	REMARKS
				Δ N	Δ E	Δ Z		
				μ	μ	μ		
APRIL (continued)								
25th	P	5-43-18	6					
	ME	5-45-02	12		1			
	FE	5-49-00						
27th	PE	14-10-28	6					
	LE	14-17-43	20					
	ME	14-18-43	14		13		3000?	
	FN	14-41-03						
27th	PE	19-36-53	7					
	ME	19-57-49	18		3			
	FE	21-22-03						
27th	PE	22-09-34	8					
	LE	22-13-44	20					
	ME	22-17-44	11		6		2000?	
	FN	22-31-04						
29th	LE	11-47-06	20					
	ME	11-47-56	20		2			
	FE	11-55-06						
30th	LE	14-43-37	30					
	ME	14-52-57	20		5			
	FN	15-15-07						
				F. Napier Denison, Seismologist.				

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Time; Mean Greenwich, MIDNIGHT TO MIDNIGHT Period 12 seconds.

INSTRUMENTS—Two Milne-Shaw, one Weichert, Vertical Magnification, 250
Damping, 20-1

NO. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			Δ	REMARKS
				A N	A E	A Z		
MAY, 1927.								
2nd.		Small quake 11h 48m 07s to 11h 52m 37s.						
2nd.	LE	13-18-17	20					
	ME	13-24-02	20		5			
	FE	13-43-00						
3rd.	LE	14-29-07	20					
	ME	14-34-47	20		9			NS record too small to measure.
	FE	14-55-07						
7th.	PE	21-57-05	4					
	LE	21-57-13	14					
	ME	21-58-12	10		29		610	
	FN	22-47-00						
9th	LE	11-30-11	20					
	ME	11-38-11	20		6			
	FE	11-52-01						
9th.	O	20-06-39						
	PE	20-14-42	3					
	SE	20-21-05	9					O derived from NS record at 20h 06m 44s.
	LE	20-29-16	30					
	LN	20-30-50	20					
	ME	20-33-20	16		13		4640	
	FE	21-29-00						
11th	LE	2-04-51	30					
	ME	2-07-16	20		4			NS record too small to measure.
	FE	2-32-00						
11th	LE	10-01-22	30					
	ME	10-04-32	20		3			NS record too small to measure.
	FE	10-20-02						
13th	O	23-24-32						
	PE	23-33-43	5					
	PN	23-34-22	6					
	SE	23-41-03	10					
	LE	23-55-20	20					
	ME	23-58-47	20		3		5690	
	FE	0-19-02						
15th	LE	3-33-02	20					
	ME	3-37-02	20		3			
	FE	4-00-02						
16th	PE	12-22-44	5					
	LE	12-34-24	10					
	ME	12-40-16	10		3			
	FN	13-43-04						
19th	LE	5-56-33	30					
	ME	5-59-53	20		14			
	PN	5-43-39	5					
	LN	5-54-03	20					
	MN	6-00-33	16	7				
	FN	6-24-03						

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Time; Mean-Greenwich, MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw, one Weichert, Vertical

NO. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			Δ	REMARKS
				A N	A E	A Z		
MAY, (continued) 1927.								
21st.	LEN	17-16-05	9-10	μ	μ	μ		
	MN	17-16-13	10	7				
	F	17-36-03						
22nd.	Small	quake 2h 07m	48s	to 2h 14m 33s.				
22nd.	Small	quake 12h 21m	03s.	to 13h 06m.03s.				
22nd.	O	22-32-46						
	PEZ	22-43-23	8-5					9490 km. Clock stopped
	SEZ	22-55-58	20-18					on NS component.
	LE	23-12-17	35					Great China quake. Largest
	MEZ	23-20-38	30		2150	29		record since Jan. 1899
	FE	4-23-03						
23rd.	LE	23-15-03	30					
	ME	23-21-27	22		3			NS record too small to
	FE	23-41-03						measure.
				F. Napier Denison, Seismologist.				

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Time; Mean Greenwich, MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw, one Weichert, PERIOD 12 Seconds.
Magnification, 250

NO. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			Damping, 20-1	REMARKS
				Δ_N	Δ_E	Δ_Z		
				μ	μ	μ		
JUNE, 1927.								
2nd.	LE	17-29-03	40					
	ME	17-33-49	24		5			
	FE	18-08-38						
3rd.	OE	7-13-35						
	ON	7-11-55						
	PEN	7-26-15	6					
	SE	7-36-53	10					
	SN	7-38-23	10					
	LE	7-45-48	20					
	LN	7-46-14	20					
	MN	7-57-53	40	200			11,670	
	ME	8-01-08	40		550		9560	
	FE	11-44-03						
5th.	LE	9-13-21	30					
	ME	9-21-39	20		3			
	FN	9-35-06						
6th.	LE	13-09-39	30					
	ME	13-23-39	15		2			
	FE	13-43-09						
6th.	O	18-38-51						
	PEN	18-48-01	6-8					
	SE	18-55-19	12					
	SN	18-55-11	12					
	LE	19-07-39	30				0 from NS at 18h39m	
	ME	19-10-31	20		6		5670	
	FE	19-56-09						
7th.	O	15-22-35						
	PN	15-25-44	5					
	LN	15-28-17	14					
	MN	15-29-12	10	1			1460	
	F	16-17-02						
9th.	Small	quake with L at 22h 52m 25s, ending 23m 01m 05s..						
10th.	PN	17-29-25	8					
	LE	17-40-05	24					
	ME	17-47-47	15		4			
	FE	17-59-05						
11th.	Small	quake from 3h 05m 05s to 3h 59m 05s.						
11th.	Small	quake from 8h 12m 05s to 8h 23m 05s.						
14th	PE	?17-39-31	5					
	SE	17-55-36	10					
	ME	18-22-01	20		7		L lost when changing paper..	
	F	18-42-01						
17th.	PEN	6-20-54	8					
	LE	6-28-22	30					
	LN	6-31-04	22					
	ME	6-34-04	18		7			
	FN	7-15-04						
18th	PN	10-34-33	5					
	PE	10-34-41	6					
	LE	10-46-06	14					
	ME	10-51-18	14		3			
	FE	11-22-06						

VICTORIA, B.C.

EARTHQUAKE STATION, METEOROLOGICAL SERVICE OF CANADA

LATITUDE, 48° 24' N. LONGITUDE, 123° 19' W. HEIGHT, 222 feet above sea level. SUBSOIL, Rock.

Time; Mean Greenwich, MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw, one Weichert, Vertical

NO. AND DATE	PHASE	TIME <small>h. m. s.</small>	PERIOD	AMPLITUDE			Δ	REMARKS
				A _N μ	A _E μ	A _Z μ		
JUNE, 1927.	continued.							
18th.	LE	15-34-26	12					
	ME	15-36-56	6		2			
	FN	15-49-06						
18th.	O	15-54-59						
	PE	15-57-06	5					
	PN	15-57-16	5					
	LEN	15-58-51	15-12					
	ME	16-01-06	8		5			
	MN	16-01-50	9	8			970	
	FE	16-28-06					880	
19th.	LN	0-55-36	14					
	MN	0-57-36	13	2				
	FN	1-09-06						
20th	PE	?14-33-18	5					
	LE	14-43-08	20					
	ME	14-46-38	24		4			
	FE	15-31-08						
24th.	Small	quake oh 33m	05s to Oh	47m	05s.			
26th	PEN	11-44-03	5					
	LE	11-59-38	35					
	LN	12-03-18	22					
	ME	12-05-09	28		16			
	FE	12-48-08						
29th.	Small	quake at 18h	16m 02s to	18h	26m 02s			
30th	"	"	23h 49m 03s to	23h	59m 03			

O derived from NS
15h 55m 19s.

F. Napier Denison,
Seismologist.

VICTORIA, B.C.

EARTHQUAKE STATION, METEOROLOGICAL SERVICE OF CANADA

LATITUDE, 48° 24' N. LONGITUDE, 123° 19' W. HEIGHT, 222 feet above sea level. Period 12 seconds.
 Magnification, 250 SUBSOIL, Rock.

Time; Mean Greenwich, MIDNIGHT TO MIDNIGHT Damping 20-1

INSTRUMENTS—Two Milne-Shaw, one Weichert, Vertical

NO. AND DATE	PHASE	TIME <small>k. m. s.</small>	PERIOD <small>s.</small>	AMPLITUDE			Δ	REMARKS
				<small>A_N</small> <small>μ</small>	<small>A_E</small> <small>μ</small>	<small>A_Z</small> <small>μ</small>		
July, 1927. 1st.	PEN	8-42-23	10-8					
	LE	9-01-13	18		9			
	ME	9-09-53	20					
	FE	9-59-03						
3rd.	Small quake at 8h 40m 36s.							
3rd.	O	10-37-56						
	PEN	10-49-41	5					
	SEN	10-59-26	10					
	LE	11-14-31	20					
	MEN	11-18-26	18-20	3	3		8490	
	FE	12-12-06						
7th.	ON	20-16-03						
	PN	20-24-49	4					
	SN	20-31-47	10					
	OE	20-21-43						
	PE	20-31-49	5					
	SE	20-39-49	10					
	LE	20-50-19	20		4		6440	
	ME	21-04-44	22					
	FE	21-30-59						
10th	PE	4-23-51	8					
	LE	4-41-49	22		3			
	ME	4-48-59	20					
	FE	5-00-59						
11th	O	8-08-50						
	PEN	8-19-03	5-4					
	SE	8-27-18	8					
11th	LE	8-38-28	28		5		6740	F indistinct.
	ME	8-42-30	24					
	ME	13-28-27 13-28-27	8					
11th	ME	13-48-17	30		12			
	ME	13-51-57	30					
	FE	14-58-57						
	FE							
12th	O	21-08-08						
	PE	21-17-53	5					
	SE	21-25-42	10					
	LE	21-36-40	16		3		6240	
	ME	21-43-25	18					
	FE	22-57-00						
14th	O	12-59-56						
	PE	13-01-44	6					
	PN	13-01-32	4					
	LE	13-02-18	20		11		810	LN 13h02m32s.
	ME	13-04-37	10				550	
	MN	13-07-14	8	11				
	FN	13-57-02						

VICTORIA, B.C.

EARTHQUAKE STATION, METEOROLOGICAL SERVICE OF CANADA

LATITUDE, 48° 24' N. LONGITUDE, 123° 19' W. HEIGHT, 222 feet above sea level. SUBSOIL, Rock.

Time; Mean Greenwich, MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw, one Weichert, PERIOD 12 SECONDS.
MAGNIFICATION, 250

NO. AND DATE	PHASE	TIME <small>h. m. s.</small>	PERIOD <small>s.</small>	AMPLITUDE			DAMPING <small>Δ</small>	REMARKS
				<small>A N</small>	<small>A E</small>	<small>A Z</small>		
				<small>μ</small>	<small>μ</small>	<small>μ</small>		
AUGUST 1st.	O	17-08-37						
	PE	17-14-07	6					
	SE	17-18-29	10					
	LE	17-21-47	18					
	ME	17-23-25	16		8		2720	
	FE	18-50-07						
1st.	O	18-50-42						
	PE	18-53-19	3					
	SE	18-55-27	10					
	LE	19-01-27	25					
	ME	19-10-37	20		20		1200	
	FE	21-01-07						
2nd.	PE	1-11-10	8					
	LE	1-19-40	10					
	ME	1-26-25	15		2			
	FE	1-58-35						
4th.	Small quake with L at 12h 31m 51s. ending at 12h 44m 31s.							
5th.	PEN	4-01-46	5					
	LE	4-12-56	18					
	ME	4-14-31	15		3			
	FE	4-30-01						
5th	O	21-13-07						
	PEN	21-23-43	6-8					
	SE	21-32-20	10					
	SN	21-32-22	10					
	LE	21-41-12	25					
	MEN	21-41-12	25-22	28	41		7150	
FE	0-18-02							
6th.	O	0-14-04						
	PEN	0-14-05	5-6					
	LEN	0-22-06	10					
	MN	0-25-05	20	35			2450	
	ME	0-25-37	14		27			
	FE	2-40-02						
8th	LN	0-27-21	20					
	MN	0-58-21	18	3			F doubtful.	
8th	PEN	1-06-41	5-4					
	LEN	1-13-51	10					
	MN	1-16-31	8	2				
	FE	2-07-01						
8th	PE	4-01-41	5					
	LE	4-13-31	18					
	ME	4-17-43	18		1			
	MN	4-17-21	20	3				
	FN	4-31-01						
9th	LN	1-49-01	20					
	MN	1-54-31	20	3				
	FN	2-13-01						
10th	O	1-35-15						
	PE	1-44-49	5					
	PN	1-44-52	8					
	SEN	1-52-29	10					
	LN	1-59-59	40					
	MN	2-07-39	20	35				
	ME	2-09-31	20		52			
	FN	4-37-59						

VICTORIA, B.C.

EARTHQUAKE STATION, METEOROLOGICAL SERVICE OF CANADA

LATITUDE, 48° 24' N. LONGITUDE, 123° 19' W. HEIGHT, 222 feet above sea level. SUBSOIL, Rock.

Time; Mean Greenwich, MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw, one Weichert, Vertical

AUGUST No. and Date	1927, continued. PHASE	TIME	PERIOD 5-6	AMPLITUDE			Δ	REMARKS
				A N	A E	A Z		
		11-37-37						
	PEN	11-50-09						
	SEN	12-00-39	10					
	LE	12-22-29	30					
	LN	12-24-29	25					
	MN	12-25-44	20	26				
	ME	12-27-54	25		142		9390	
	FE	15-58-59						
11th	LN	5-59-09	10					
	MN	6-08-19	14	2				
	FE	6-56-59						
18th	O	19-28-05						
	PEN	19-39-00	6-8					
	SE	19-47-55	10					
	SN	19-48-00	10					
	LE	20-10-55	20					
	ME	20-14-12	18		21		7500	
	MN	20-19-10	18	13				
	FE	23-28-00						
20th	O	20-06-06						
	PEN	20-08-00	8					
	LE	20-09-34	18					
	LN	20-09-50	12					
	ME	20-10-52	14		13		870	Eureka, Cal.
	MN	20-10-58	18	17			1020	O derived from NS
	FN	20-37-20						at 20h 05m 46s.
20th	Small quake with P at 21h 57m 30s, ending at 23h 47m 00s.							
21st.	O	23-54-15						
	PEN	0-04-05	8					
	SEN	0-12-00	10					
	LE	0-23-00	20					
	ME	0-29-05	20		61		6350	
	MN	0-33-30	20	61				
	FE	3-25-00						
21st.	O	10-19-24						
	PE	10-28-58	4					
	PN	10-31-28	4					
	SEN	10-36-38	10					
	LE	10-47-38	20					
	ME	10-53-06	20		3		6070	
	FE	11-41-58						
21st.	Small quake from 12h54m28s to 13h05m 58s.							
24th.	O	6-29-16						
	PE	6-40-55	6					
	PE	6-40-10	6					
	SE	6-48-55	8					
	SN	6-49-05	8					
	LE	7-06-25	10					
	ME	7-13-15	18		6		7310	O derived from
	MN	7-06-25	10	5			6630	NS component,
	FE	10-10-55						at 6h 30m 48s.
24th	O	8-57-06						
	PE	9-07-24	5					
	SE	9-15-44	8					
	LE	9-39-14	12					
	ME	9-52-06	12		2		6820	
	FE	10-58-54						
24th.	SE	18-32-35	10					
	LE	18-48-53	20					
	ME	19-06-12	15		4			
	FE	19-47-53						



VICTORIA, B.C.

EARTHQUAKE STATION, METEOROLOGICAL SERVICE OF CANADA

LATITUDE, 48° 24' N. LONGITUDE, 123° 19' W. HEIGHT, 222 feet above sea level. SUBSOIL, Rock.

Time; Mean Greenwich, MIDNIGHT PERIOD, 12 SECONDS.

MAGNIFICATION, 250

INSTRUMENTS—Two Milne-Shaw, one Vertical DAMPING 20-1

No. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			Δ	REMARKS
				A _N	A _E	A _Z		
1927. SEPTEMBER. 3rd.	O	19-47-48	"	μ	μ	μ		
	PE	19-59-34	7					
	SE	20-09-19	10					
	SN	20-09-14	10					
	LE	20-23-34	40					
	ME	20-31-37	18		19		8490	
	FE	22-58-14						
6th	PE	?22-12-25	5					
	PN	?22-13-10	5					
	LE	22-14-37	12					
	ME	22-16-31	9		2			
	F	Merged into next quake.						
6th	LE	22-29-05						
	ME	22-32-13	10		4			
	FE	22-43-55						
7th	PE	20-35-40	10					
	LE	20-58-12	20					
	ME	21-01-37	20		6			
	FE	22-30-52						
8th	PE	?17-34-10	8					P may be S phase.
	ME	17-56-31	20		6			
	FE	18-39-51						
10th	PE	3-54-09	8					
	PN	3-54-29	10					
	LE	4-04-39	30					
	ME	4-07-25	18		10			
	FN	4-28-49						
10th	LE	18-02-24	20					
	ME	18-13-49	15		2			
	FE	18-27-49						
11th	O	22-15-49						
	PN	22-28-30	5					
	SN	22-38-58	10					
	PE	22-28-36						
	SE	22-39-06	10					
	LE	22-52-30	50					O derived from EW 22h 16m 03s.
	LN	22-55-16	30					
	ME	22-57-36	35		158		9390	Black Sea,
	MN	23-08-41	20	35			9560	
	FE	0-58-46						
12th	O	3-18-21						
	PE	3-31-50	8					
	SE	3-43-23	15					
	LE	3-58-50	40					
	ME	4-09-30	14		3		10,570	
	FE	4-31-10						
12th.	PN	14-47-14	5					
	PE	14-47-24	8					
	LE	14-58-04	30					
	ME	15-08-24	20		5			
	FE	15-31-44						
13th	PE	10-39-21	5					
	LE	10-57-31	30					
	ME	11-01-26	20		6			
	FE	12-02-56						

VICTORIA, B.C.

EARTHQUAKE STATION, METEOROLOGICAL SERVICE OF CANADA

LATITUDE, 48° 24' N. LONGITUDE, 123° 19' W. HEIGHT, 222 feet above sea level. SUBSOIL, Rock.

Time; Mean Greenwich, MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw, one Weichert, Vertical

No. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			Δ	REMARKS
				A N	A E	A Z		
		h. m. s.	s.	μ	μ	μ		
SEPTEMBER 1927. (continued.)								
17th.	LE	1-31-52	30					
	ME	1-38-02	20		6			
	FE	1-57-02						
18th.	O	2-11-15						
	PN	2-12-31	5					
	LN	2-13-33	22					
	MN	2-14-01	10	10			560	
	FN	2-23-51						
18th	LE	2-39-26	15					
	ME	2-45-26	18		6			
	FE	3-05-51						
19th	PE	8-54-32	5					
	LE	9-13-52	20					
	ME	9-16-39	20		5			
	FE	9-56-52						
19th	PE	14-21-48	1					
	ME	14-21-48	1		5			Local quake, felt in vicinity.
	F	14-21-52						
20th	LE	8-22-08	20					
	ME	8-22-53	15		2			
	FE	8-30-03						
23rd.	O	13-55-00						
	PEN	14-07-06	5					
	SE	14-17-11	8					
	SN	14-17-26	10					
	LEN	14-38-06	30					O derived from NS at 13h 54m 54s.
	ME	14-46-56	20		9		8890	
	MN	14-47-56	20	12			9180	
	FE	15-41-06						
24th	PE	6-37-26	5					
	LE	6-53-26	30					
	ME	6-58-26	20		4			
	FE	7-28-06						
24th	LE	14-08-36	20					
	ME	14-13-26	20		3			
	FE	14-27-06						
24th	LE	17-54-06	20					
	ME	17-57-51	20		9			
	FE	19-14-06						

F. Napier Denison,
Seismologist.

VICTORIA, B.C.

EARTHQUAKE STATION, METEOROLOGICAL SERVICE OF CANADA

LATITUDE, 48° 24' N. LONGITUDE, 123° 19' W. HEIGHT, 222 feet above sea level. SUBSOIL, Rock.

Time; Mean Greenwich, MIDNIGHT TO MIDNIGHT

Period 12 seconds.

Damping 20-1

INSTRUMENTS—Two Milne-Shaw, one Weichert. Magnification 250.

NO. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			Δ	REMARKS	
				A _N	A _E	A _Z			
1927. OCTOBER 1st.	PE LE FE	0-10-25 0-38-55 1-03-54	6 ^s 18	μ	μ	μ		NS component, too small to measure.	
2nd.	D PE SE PN SN LE ME FE	4-48-41 4-56-14 5-02-12 4-56-12 5-02-54 5-11-39 5-17-39 6-17-54	 3 10 3 10 35 20				12 5200		
2nd.	LEN MEN FE	9-54-53 9-53-33 10-35-53	10 12	1	1				
4th	O PEN LEN ME FE	0-03-59 0-08-11 0-18-33 0-19-53 0-23-03	 5-4 10 10				3		
5th	LEN ME FE	21-24-00 21-24-30 21-35-00	12-18 12				3		
6th.	LE ME FE	21-31-10 21-34-30 21-42-00	10 10				2		
6th	LEN ME FE	22-40-58 22-42-13 22-46-58	10 10				1		
24th.	O PEN LEN LV MEN M1 M2 FE	15-59-46 16-02-50 16-05-20 16-05-16 16-05-50 16-06-14 16-08-26 20-10-00	 6 10 5 10 5 5				533 514 362 400	1430 1390	Period of Pz = 4 secs.
25th	O PEN LN LE MN ME FE	18-04-51 18-05-34 18-05-59 18-06-07 18-06-54 18-07-31 18-19-59	 8 7 12 8				8 4	300	O derived from NS. at 18h 05m 01s.
27th	LE ME FE	8-15-10 8-20-55 8-49-00	20 20				7		NS record too small to measure.
31st.	LE ME FE	3-29-00 3-30-27 3-33-05	10 10				1		

VICTORIA, B.C.

EARTHQUAKE STATION, METEOROLOGICAL SERVICE OF CANADA

LATITUDE, 48° 24' N. LONGITUDE, 123° 19' W. HEIGHT, 222 feet above sea level. SUBSOIL, Rock.

Time; Mean Greenwich, MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw, one Weichert, Vertical
 PERIOD 12 seconds.
 MAGNIFICATION 250

NO. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			DAMPING	REMARKS
				A _N	A _E	A _Z		
		h. m. s.	s.	μ	μ	μ	Δ	
NOVEMBER 1927. 1st.	LN	13-24-20	18					
	MN	13-24-40	12		2			
	FN	13-27-00						
4th.	PE	13-54-18	8					
	LEN	13-57-20	12					
	MEN	14-00-10	12	144	262		1770	
	FE	17-29-58						
4th	PE	20-07-58	6					
	LE	20-09-08	10					
	ME	20-10-18	10		2		640	
	FE	20-15-58						
5th	LN	9-10-09	8					
	MN	9-10-42	8	1				
	FE	9-13-57						
5th	LE	12-11-27	14					
	FE	12-29-57						NS component too small to measure.
6th.	PN	2-43-06	8					
	PE	2-46-08	5					
	LE	2-47-48	14					
	ME	2-49-12	10		11		730?	
	FN	3-42-56						
6th.	PE	15-58-55	5					
	LE	16-22-15	14					
	FE	16-51-55						NS too small to measure.
7th	PEN	0-27-45	10-5					
	LEN	0-49-20	20-14					
	ME	1-05-15	20		3			
	FE	1-11-55						
7th.	LE	17-21-27	30					
	ME	17-27-47	30		7			
	FE	17-39-37						
8th.	PN	3-35-16	5					
	PE	3-35-26	5					
	LE	4-19-31	30					
	LN	4-30-36	30					
	ME	4-47-36	20		20			
	MN	4-45-41	20	7				
	FE	5-37-56						
9th.	PE	1-28-55	5					
	LE	1-47-55	15					
	ME	1-58-15	20		5			
	FE	2-22-55						
10th.	LE	3-47-03	30					
	ME	3-48-43	30		1			
	FE	4-09-55						NS, too small to measure.
11th.	LE	16-52-22	40					
	ME	17-02-40	35		8			NS, too small to measure.
	FE	17-21-52						

VICTORIA, B.C.

EARTHQUAKE STATION, METEOROLOGICAL SERVICE OF CANADA

LATITUDE, 48° 24' N. LONGITUDE, 123° 19' W. HEIGHT, 222 feet above sea level. SUBSOIL, Rock.

Time; Mean Greenwich, MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw, one Weichert, Vertical

NO. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			Δ	REMARKS
				A N μ	A E μ	A Z μ		
NOVEMBER 1927, (continued)								
12th.	PE	22-00-51	5					
	LE	22-01-26	18					
	ME	22-02-51	14		18		320	
	FE	22-10-16						
14th	SN	0-21-15	10					
	LN	0-32-35	20					
	MN	0-46-58	14	14				
	FN	1-17-50						
14th.	SE	5-07-50	8					
	LE	5-19-40	40					
	ME	5-27-10	20		20			
	FN	6-29-50						
14th	O	7-19-54						
	PEN	7-32-30	5					
	SN	7-43-00	10					
	SE	7-43-04	9					
	LN	8-01-10	30					
	LE	8-03-00	30					O derived from NS at 7h 19m 58s.
	ME	8-08-28	20		13		9470	
	FN	8-49-50						
15th	PN	8-36-30	5					
	LN	8-42-08	10					
	MN	8-45-10	20	14				
	FN	9-43-00						
15th.	PE	22-05-15	5					
	LE	22-16-30	20					
	ME	22-19-28	20		3			
	FE	22-39-00						
16th.	O	21-11-13						
	PE	21-23-45	5					
	PN	21-23-47	6					
	SEN	21-34-20	10					
	LN	21-51-18	30					
	LE	21-55-32	35					
	MN	21-51-50	30	80				O derived from NS. 21h 11m 12s.
	ME	21-56-10	32		86		9390	
	FE	23-54-00						
18th	PE	3-48-47	8					
	LE	4-09-54	22					
	ME	4-11-14	22		6			
	FE	4-43-59						NS component too small to measure.
18th.	LE	7-58-57	20					
	ME	8-02-19	18		3			
	FE	8-08-59						

VICTORIA, B.C.

EARTHQUAKE STATION, METEOROLOGICAL SERVICE OF CANADA

LATITUDE, 48° 24' N. LONGITUDE, 123° 19' W. HEIGHT, 222 feet above sea level. SUBSOIL, Rock.

Time: Mean Greenwich, MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw, one Weichert, Vertical

NO. AND DATE	PHASE	TIME <small>h. m. s.</small>	PERIOD <small>s.</small>	AMPLITUDE			Δ	REMARKS
				<small>A_N</small> μ	<small>A_E</small> μ	<small>A_Z</small> μ		
NOVEMBER 1927, (continued)								
19th.	LE	3-39-59	20					
	ME	3-42-17	20		6			
	FE	3-49-59						
19th.	PE	7-05-31	6					
	LE	7-11-39	20					
	ME	7-15-35	20		7			
	FE	8-22-59						
21st.	PE	15-19-09	3					
	LE	15-20-04	15					
	ME	15-21-29	10		13		500	
	FE	15-38-59						
21st.	O	18-51-00						
	PEN	19-02-03	4					
	SEN	19-11-06	10					
	LN	19-24-36	20					
	LE	19-26-43	20					7660
	ME	19-31-01	15		4			7660
	FE	19-46-01						
21st.	PN?	23-30-49	5					
	PE?	23-31-04	5					
	SN	23-37-13	10					
	SE	23-37-19	8					
	LN	23-45-51	22					
	LE	23-57-41	35					
	ME	23-58-03	40		137			
	MN	0-03-29	30	88				
	F	2-18-01						
25th	PE	20-14-48	6					
	LE	20-17-18	20					
	ME	20-21-28	18		5		1430	
	FN	20-32-58						
26th	PEN	13-06-30	6					
	LEN	13-16-43	10-8					
	ME	13-17-08	12		5			
	FE	14-14-58						
28th	PN	10-38-55	10					
	LN	10-56-55	20					
	MN	10-59-35	18	4				
	FE	11-21-55						

F. NAPIER DENISON,
Seismologist.

VICTORIA, B.C.

EARTHQUAKE STATION, METEOROLOGICAL SERVICE OF CANADA

LATITUDE, 48° 24' N. LONGITUDE, 123° 19' W. HEIGHT, 222 feet above sea level. SUBSOIL, Rock.

Time; Mean Greenwich, MIDNIGHT TO MIDNIGHT

PERIOD 12 SECONDS.

MAGNIFICATION 250

INSTRUMENTS—Two Milne-Shaw, one Weichert, Vertical

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		
1927. DECEMBER. 1st.	PE	5-05-49	5					
	LE	5-27-19	20					
	ME	5-28-54	22					
	FE	6-19-59			10			
11th	PE	15-56-50	7					
	LE	16-18-25	20					
	ME	16-21-50	20					
	FE	16-53-55			4			
11th	LE	18-16-13	20					
	ME	18-21-45	20					
	FE	18-43-55			1			
15th.	LE	16-59-39	20					
	ME	17-05-11	20					
	FE	17-11-51			3			
24th.	LE	4-50-29	16					
	ME	4-54-16	10					
	FE	5-01-54			5			
27th	LE	23-52-54	16					
	ME	23-53-51	12					
	F	0-03-58			6			
28th.	SE	?9-10-11	10					
	LE	9-17-23	20					
	ME	9-18-51	20					
	FE	9-30-53			9			
28th.	PE	18-28-53	8					
	LE	18-35-23	18					
	ME	18-44-28	20					
	PN	18-28-53	10				5150	
	LN	18-35-43	20					
	MN	18-41-13	20		180			
	F	21-39-53						
29th	LN	13-00-10	20					
	MN	13-00-55	15	2				
	FN	13-18-50						
31st.	PE?	19-14-18	3					
	LN	19-13-58	10					
	LE	19-14-45	7					
	MN	19-14-38	12					
	ME	19-14-53	6	50				
	FN	21-21-48				18		

EW component too small
to measure, inter-
fered by micros.

Paper changed at P.
400 making phase doubtful

F. Napier Denison,
Seismologist.