

VICTORIA, B. C.

Seismographic Station, Meteorological Service of Canada

March-Dec
1934

LAT., 48' 24" N. LONG. 123' 19" W. HEIGHT OF PILLAR. 222 feet above sea level

INSTRUMENTS—Two Milne-Shaw, One Weichert, Vertical

SUBSOIL, Rock

Period 12 seconds
Damping 20-1
Magnification 250

1934
MARCH

1st	SEN	22-09-25	
	LN	22-25-33	
	MN	22-35-07	
	F	23-47-55	Amp. 50 microns.
4th	PE	6-19-54	
	LE	6-36-34	
	ME	6-39-32	
	F	7-14-54	
5th	H	11-48-33	
	P	12-00-42	
	S	12-10-52	
	LN	12-29-22	
	LE	12-34-37	
	ME	12-39-27	6980 Km. Amp. 43 microns
7th	H	22-52-47	
	P	22-57-00	
	SE	23-00-28	
	SN	23-00-35	2035 km.
	LE	23-06-48	
	F	0-19-00	
12th	H	15-04-29	
	P	15-08-02	
	L	15-10-57	1665 km.
	ME	15-11-57	
	MN	15-12-32	Amp. EW 462 microns
	F	17-44-02	NS 262 microns.
12th	H	18-12-04	
	PN	18-17-32	
	PE	18-17-57	
	SN	18-22-02	2810 km.
	SE	18-22-37	Amp. NS 256 microns.
	LN	18-24-20	
	F	19-59-02	
13th	H	13-12-24	
	P	13-24-51	
	SE	13-35-16	
	LE	13-51-13	
	ME	13-57-23	9320 km. 87 microns.
	F	16-11-03	
18th	H	4-33-08	
	PE	4-42-01	
	SE	4-49-17	
	LE	4-57-16	5555 km.
	M	4-58-13	
	F	5-35-08	
24th	H	12-04-46	
	P	12-17-20	
	S	12-27-52	9465 km.
	LE	12-41-10	Amplitude EW 219 microns
	LN	12-40-52	NS 262 microns.
	FE	16-36-50	
30th	H	4-06-22	
	P	4-11-09	
	SE	4-15-03	2355 km.
	SN	4-15-07	
	LE	4-17-12	
	F	4-28-57	

Minor quakes on the 1st, 4th, 6th, 9th (2), 14th, 15th (2), 16th (2), 17th, 20th, 22nd (2), 30th.

F. Napier Denison.

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LAT., 48' 24" N. LONG. 123' 19" W. HEIGHT OF PILLAR. 222 feet above sea level

INSTRUMENTS—Two Milne-Shaw, One Weichert, Vertical

SUBSOIL, Rock

APRIL 1934.

7th	L	2-19-46	
	ME	2-20-43	
	F	2-24-01	
9th	H	15-45-50	
	P	15-52-55	
	SE	15-58-44	4020 km. Amplitude
	LE	16-07-03	EW 50 microns
	ME	16-07-03	NS 10 microns.
	F	17-00-03	
12th	P	17-31-20	
	L	17-31-25	Felt on West Coast.
	F	17-31-50	
14th	P	21-31-33	
	L	21-32-40	
	M	21-32-43	
	F	21-38-00	
15th	H	22-16-24	
	P	22-29-14	
	S	22-39-42	9390 km.
	LE	23-00-27	Amplitude,
	LN	22-55-17	EW 75 microns
	MN	22-55-47	NS 132 microns.
26th	F	1-10-02	
	P	21-23-37	
	L	21-41-47	
	ME	21-47-27	
27th	F	23-38-57	
	H	20-53-55	
	P	21-06-31	
	S	21-17-05	9510 Km.
	ME	21-51-35	
F	23-52-55		

Minor quakes on the 10th (2); 11th, 24th, 26th (2), 28th.

MAY.			
2nd.	LE	10-05-04	
	F	10-19-54	
4th	PENV	4-40-32	Alaska. Amplitudes,
	L	4-44-12	EW, 396 microns
	M	4-47-02	NS 214 "
	F	7-59-52	V 25 "
5th	P	4-05-47	
	L	4-06-19	Felt in Victoria for a few seconds, also in Vancouver & Nanaimo.
	M	4-06-29	
	F	4-08-49	Pt. Ang. and Pt. Towns etc.
6th	PE	8-11-52	
	LEN	8-14-52	
	ME	8-16-07	
13th	F	8-22-47	
	H	9-03-08	
	P	9-15-09	
	SE	9-25-11	8780 km.
	SN	9-25-23	Amp. EW 50 microns
	LE	9-43-11	NS 33 "
	ME	9-43-21	
	F	11-39-01	
	14th	P	13-19-13
L		13-25-11	
ME		13-27-56	
F		14-21-01	

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SUBSOIL, Rock

1934.

May 14th	PEV 22-17-18	Amplitudes:
	PN 22-17-21	NS, 67 microns
	L 22-20-58	EW, 52 "
	MN 22-21-20	V 12 "
	FE 0-10-58	

Minor quakes on 1st, 4th, 5th, 9th, 13th, 15th, 19th,
22nd, 26th, 28th.

JUNE

2nd	H 13-42-48	
	PN? 13-51-56	
	SE 13-59-06	5780 km.
	BN 13-59-24	
	LN 14-08-58	
	F 15-24-06	
2nd.	H 16-45-26	
	P 16-49-51	
	SN 16-53-28	
	LN 16-55-26	2145 km.
	F 17-48-06	
9th	P 13-12-05	
	SE 13-24-27	
	SN 13-23-53	
	LE 13-41-53	11,335 km.
	ME 13-44-01	
	F 15-48-55	
13th	H 1-51-14	
	P 2-00-43	
	SE 2-08-31	
	SN 2-08-41	6120 km.
	LE ?2-24-15	
	F 3-46-03	
13th	H 22-12-42	
	PE 22-24-47	
	PN 22-24-24	8855 N. India,
	S 22-34-52	Amp. EW 62 microns
	LE 22-54-37	NS 33 "
	ME 23-10-24	
	F 0-49-02	
18th	H 9-13-45	
	P 9-18-20	
	LE 9-22-04	
	LN 9-22-15	2220 km.
	F 10-31-55	
24th	S 1-56-57	
	LE 2-03-27	
	F 2-36-47	
24th	H 5-59-41	
	PE 6-12-05	
	SE 6-22-27	9245 km.
	SN 6-22-35	
	LE 6-35-35	
	F 8-46-47	
29th	P 8-43-22	
	LE 8-55-50	
	M 8-58-44	
	F 9-52-52	

Minor quakes on the 5th, 6th(2), 12th, 15th(2), 22nd, 23rd, 24th,
27th, 28th and 30th.

F. Napier Denison.

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LAT., 48' 24" N. LONG. 123' 19" W. HEIGHT OF PILLAR. 222 feet above sea level

INSTRUMENTS—Two Milne-Shaw, One Weichert, Vertical

SUBSOIL, Rock

1934
JULY

10th	P	1-20-13	
	LE	1-27-43	
	LN	1-27-30	
	F	2-12-50	
16th	P	8-32-16	
	L	8-38-21	
	ME	8-40-19	
	FR	9-02-51	
18th	H	1-36-29	
	PN	1-45-42	
	PE	1-45-45	5910 km.
	SN	1-53-16	Amplitude EW, 360 microns
	SE	1-53-21	NS, 725 "
	LN	1-59-06	
	LE	2-00-56	
	F	7-39-56	
18th	H	16-59-29	6080 km.
	P	17-08-55	Amplitude EW 26 microns
	SE	17-16-40	NS, 75 "
	SN	17-16-45	
	L	17-31-55	Merged into next quake.
18th	H	19-40-14	
	P	19-52-54	9620 km.
	SE	20-03-32	Amplitude:
	SN	20-03-34	EW, 651 microns
	LE	20-19-52	NS, 273 "
	LVN	20-19-54	V, 20 "
	F	0-19-54	
19th	H	0-06-53	
	P	0-19-34	9620 km.
	S	0-30-12	Merged into next
	LE	0-46-24	quake.
	LN	0-46-54	
19th	H	7-37-16	
	P	7-49-43	9310 km.
	SE	8-00-08	EW amp. 69 microns.
	SN	8-00-28	
	LE	8-17-00	
	F	10-50-55	
20th	H	18-10-38	
	P	18-23-05	9310 km.
	SE	18-33-30	
	LE	18-49-08	
	F	21-35-50	
21st.	H	6-18-03	10,155 km
	PE	6-31-08	Amplitude EW, 113 microns
	S	6-42-09	NS, 167 "
	LE	6-57-49	F 14h 25m 49s.
	F	10-43-50	
21st.	H	10-39-25	
	PE	10-48-27	
	S	10-55-51	8855 km.
	LE	11-06-55	F 5h 40m 48s.
	LN	11-07-50	
22nd	H	11-21-03	
	P	11-37-23	Amp. 273 microns
	L	21-41-50	F 1h 17m
	P	21-45-50	

28th

Minor quakes on 4th, 7th, 10th, 18th(3), 19th(2), 20th(2), 27th and 28th.
F. Napier

VICTORIA, B.C.

EARTHQUAKE STATION, METEOROLOGICAL SERVICE OF CANADA

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

Time; Mean Greenwich, MIDNIGHT TO MIDNIGHT

INSTRUMENTS—Two Milne-Shaw, One Weichert, Verticle

Period 12 seconds.
Damping 20-1

Magnification 250
REMARKS

No. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			Δ	REMARKS
				A N	A E	A Z		
		h. m. s.	s.	μ	μ	μ		
AUGUST 1934.								
2nd.	H	7-13-10						
	PEN	7-17-39						
	SEN	7-21-19						
	LE	7-23-05						
	ME	7-24-13						
4th	PE	13-32-05					2180	
	LE	13-51-20						
	ME	13-57-48						
7th	H	3-40-10						
	PN	3-52-50						
	SN	4-03-28						
	LN	4-15-54						
	MN	4-23-28						
	PE	12-21-50					9610	
	LE	12-43-35						
12th & 13th.	H	23-50-54						
	PEN	0-03-13						
	SE	0-13-30						
	LE	0-34-05						
	ME	0-35-03						
15th	H	11-03-36					9135	
	PE	11-12-30						
	SE	11-19-22						Other phases too indefinite.
26th	H	1-33-50					5420	
	PN	1-38-31						
	SN	1-42-21						
	LN	1-46-03						
	MN	1-50-21					2300	
31st.	H	5-02-43						
	PEN	5-09-26						
	SE	5-14-55						
	LE	5-19-25						SN 5h 15m 13s.
	ME	5-23-45	12		137		3710	
31st.	PN	15-21-41						
	LEN	15-47-06						
	ME	15-52-46						
Minor quakes on the 1st, 3rd, 7th, 9th, 11th(2), 12th, 13th, 14th, 19th, 21st(2), 24th and 28th.								
SEPTEMBER 1934.								
2nd.	PEN	9-26-29						
	LE	9-29-38						
4th.	H	16-34-31						Small amplitude.
	PEN	16-47-16						
	SE	16-57-58						
	LEN	17-16-58						
14th	LEN	17-29-43					9710	
	ME	17-30-51						
15th	H	6-56-50						
	PN	7-03-17						
	SN	7-08-34						
	LN	7-15-34					3510	Amp. 105 microns
25th	PE	19-37-45						
	LE	20-06-56						
	ME	20-11-48						
Minor quake records on the 2nd, 6th, 8th, 23rd, & 26th.								

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Time: Mean Greenwich, MIDNIGHT TO MIDNIGHT

Period 12 seconds.

Magnification 250

INSTRUMENTS—Two Milne-Shaw, One Weichert, Verticle

Damping 20-1

NO. AND DATE	PHASE	TIME	PERIOD	AMPLITUDE			Δ	REMARKS
				A N	A E	A Z		
OCTOBER 1934								
10th	H	15-46-49	s.	μ	μ	μ		
	P	15-56-05						
	S	16-03-41						
	L	16-09-55						
	M	16-10-17			23		5910	
18th	H	7-48-11						
	PE	8-00-56						
	SEN	8-11-38						
	LE	8-27-52						
	M	8-33-05	20		47		9710	
	F	10-47-56						
19th	PE?	13-18-26?						
	LE	13-19-24						
	EE	13-21-54						
25th	P	8-53-37						
	LE	8-54-56						
	ME	8-55-42			17		720	
	F	9-06-57						
25th	PE	11-13-03						
	LE	11-14-30			5		800	F 11h19m57s.
26th	PE	17-23-00						
	SE	17-32-56						
	LE	17-48-18						
29th	PE	2-44-34						
	LE	2-47-07						
	ME	2-50-24	14		26			
Minor quake records on 21st, 25th, 27th and 29th. Microseisms, 9th.								
NOVEMBER, 1934.								
3rd	PE	14-51-03						
	LE	14-51-04			8			Felt in Puget Sound District, also here.
	F	14-52-55						
4th	SE	3-37-35						
	LE	3-51-23						
	ME	4-06-16			21			
5th	H	23-03-16						
	PE?	23-09-19						
	SE	23-14-17						
	LE	23-18-09			29		3210	
	F	0-49-59						
18th	PE	15-14-15						
	LE	15-14-43						
	ME	15-20-40			12			F 15:30:55
18th	PE	22-57-23						F 0h 05m 55s.
	SE	23-05-32						
	LE	23-17-35						
	ME	23-25-25			17		6500	
27th	SE	? 6-38-39						
	LE	6-57-01						
	ME	7-04-19			12			
30th	H	2-06-37						
	P	2-11-55						
	SE	2-16-17						
	SN	2-17-11						
	LE	2-21-59						
	ME	2-24-49			137		2700	
	F	4-58-59						
Minor quake records on the 4th, 10th, 12th, 16th, 18th (2), 24th & 28th.								

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Period 12 seconds,
Damping 20-1
Magnification 250

DECEMBER 1934.

3rd.	H	2-38-30		
	P	2-46-37		
	S	2-53-15		
	LE	3-00-55		
	M	3-03-55		4880 km.
12th	PE	9-02-57	4	
	PN	9-02-56	4	
	L&MN	9-02-56	4	
	FE	9-03-13		Local and felt in some parts of City.
4th.	PE	17-38-06		
	PN	17-38-16		
	LEN	17-46-58		
	F	19-08-56		
15th	H	2-05-38		
	P	2-14-55		
	S	2-22-32		
	LE	2-41-49		5935 km.
	LN	2-42-03		
	F	4-46-55		
22nd	SE	14-45-59		
	LN	14-51-57		
	LE	14-52-57		
	F	16-09-57		
23rd.	L	10-15-16		
	ME	10-16-37		
	F	10-47-56		
30th	H	13-52-17		
	PEN	13-56-17		
	SE	13-59-35		1910 km. amp. 310 microns
	SN	13-59-28		
	L	14-00-25		
31st.	H	18-45-57		
	PENZ	18-49-55		
	SEN	18-53-53		
	SE	18-53-40		2400 km. Amp. 381 microns.
	LZ	18-56-35		Z Amp. 137 microns
	MEN	18-57-25		
	MZ	18-57-55		

Minor quakes on the 3rd, 8th, 15th, 17th, 24th and 25th.

F. Napier Denison,
Superintendent.