

TABLE 2.—Instrumental seismological reports, May, 1919—Continued.

Date.	Charac-ter.	Phase.	Time.	Period T.	Amplitude.		Dis-tance.	Remarks.
					A _M	A _N		
Canada. Toronto. Dominion Meteorological Service—Continued.								
1919.			<i>H. m. s.</i>	<i>Sec.</i>	<i>μ</i>	<i>μ</i>	<i>km.</i>	
May 20	e		4 29 12					
	L		4 38 42					
	eL		4 41 42					
	M		4 42 06		*200			
	F		4 48 30					
22	L		12 11 18					
	L		12 24 36					
	eL		12 29 06					
	M		12 35 24		*800			
	F		13 14 12					
23	L		7 08 36					Thickening.
	M		7 12 00		*200			
	F		7 29 36					
27	L		17 51 30					
	L		18 03 42					
	M		18 08 30		*100			
	F		18 18 36					
29	eL		6 29 06					Gradual thicken- ing
	M		6 30 06		*200			
	F		6 37 06					

* Trace amplitude.

Canada. Victoria, B. C. Dominion Meteorological Service.

Lat., 48° 24' N.; long., 123° 19' W. Elevation, 67.7 meters. Subsoil: Rock.

Instruments: Wiechert, vertical; Milne horizontal pendulum, North. In the meridian.

*T*₁
Instrumental constant .18. Pillar deviation, 1 mm. swing of boom=0.54".

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					A _M	A _N		
Canada. Victoria, B. C. Dominion Meteorological Service.								
1919.			<i>H. m. s.</i>	<i>Sec.</i>	<i>μ</i>	<i>μ</i>	<i>km.</i>	
May 1	L		6 25 53					
	M		6 30 18		*100			
	F?		7 13 35					
1	L		16 10 42					
	M		16 16 36		*100			
1	L		22 09 14					
	M		22 14 38		*200			
	F		22 24 28					
2	P		2 29 37					
	L		2 41 35					
	M		2 50 28		*2,400			
	F		5 01 52					
2	M		7 06 18		*50			
3	P		1 01 55				7,530	
	S		1 10 51					
	L		1 24 44					
	M		1 30 02		*3,500			
	F		4 11 51					
4	L?		23 14 58					
	M		23 28 15		*100			
	F		23 49 23					
6	L?		4 49 26					
	M		4 54 21		*300			
	F		5 06 10					
6	P		19 56 51				6,860	
	S		20 05 13					
	L		20 18 59					
	M		20 37 40		*21,000			
	F		1 04 44					
7	P		5 37 43				4,690	
	S		5 43 08					
	L		5 52 58					
	M		6 02 49		*1,000			
	L _{resp.}		7 40 51					
	M		7 44 09					
	M		7 49 27		*200			
	F		7 52 28					
7	M		10 07 15		*200			Very gradual thicken- ing.
8	L		10 47 38					
	M		10 52 33		*500			
	F		11 00 26					

* Trace amplitude.

Date.	Charac-ter.	Phase.	Time.	Period T.	Amplitude.		Dis-tance.	Remarks.
					A _M	A _N		
Canada. Victoria, B. C. Dominion Meteorological Service—Contd.								
1919.			<i>H. m. s.</i>	<i>Sec.</i>	<i>μ</i>	<i>μ</i>	<i>km.</i>	
May 8	M		21 06 53		*200			
	F		21 13 46					
14	M		4 35 06		*100			
18	P		10 28 47				270	Probably off west coast of Van couver Island.
	L		10 29 17					
	M		10 30 16		*100			
	F		10 39 07					
	Vertical							
	P		10 28 44		8		360	
	L		10 29 24		3			
	M		10 30 24		5	7		
	F		10 34 08					
19	L		4 32 49					
	M		4 41 40		*500			
	F		4 52 29					
19	M		23 38 45		*200			
20	P		4 21 35				550	
	L		4 22 34					
	M		4 23 33		*1,500			
	F		4 39 46					
	Vertical							
	L		4 22 30		16			
	M		4 23 34		14	6		
22	L		12 04 54					
	M		12 07 21		*300			
	F		13 05 23					
23	P		7 06 23					
	M		7 17 42		*250			
	F		7 29 00					No further record until the 30th. supply of paper exhausted.

* Trace amplitude.

SEISMOLOGICAL DISPATCHES.¹

Redding, Calif., May 2, 1919.

An earthquake of 15 seconds duration was felt here early to-day and also at Anderson, Calif. No damage was reported. (Assoc. Press.)

Laspalmas, Canary Islands, May 13, 1919.

Four people were killed in the earthquake which shook the island of Fuertaventura several days ago. The bulk of the population of the island has fled. Relief measures have been undertaken. (Assoc. Press.)

Flagstaff, Ariz., May 23, 1919.

A light earthquake shock at 5:05 o'clock this morning, following a night of rain, thunder, lightning, and snow roused the city from its slumbers but caused no material damage. The home of C. O. Lamp-land, astronomer at Lowell Observatory, was badly shaken. (Assoc. Press.)

Tokyo, Japan, May 24, 1919.

Sixteen thousand persons were killed or injured by a volcanic eruption in central Java on May 20. This information is contained in official advices from Batavia. (Assoc. Press.)

Vincennes, Ind., May 25, 1919.

Earthquake shocks lasting two minutes were felt here and at other places in southern Indiana and Illinois and western Kentucky to-day. Many persons were awakened by the tremors, but late to-night no reports of damage had been received. (Assoc. Press.)

Amsterdam, May 26, 1919.

The volcano of Kalut in Java has burst into eruption, wiping out 20 villages in the district of Bregat and 11 in the vicinity of Blitar, and causing deaths estimated at 15,000, according to a Central News dis-patch received here. (Assoc. Press.)

¹ Reported by the organization indicated and collected by the seismological station, Georgetown University, Washington, D. C.

