TABLE II.—*Data furnished by the Canadian Meteorological Service, May, 1924*

Stations	Altitude above mean sea level, Jan. 1, 1919	Pressure: Station reduced to mean of 24 hours	Pressure: Sea level reduced to mean of 24 hours	Pressure: Departure from normal	Temperature of the air: Mean max. + mean min. ÷2	Temperature of the air: Departure from normal	Temperature of the air: Mean maximum	Temperature of the air: Mean minimum	Temperature of the air: Highest	Temperature of the air: Lowest	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Total snowfall
	Feet	*In.*	*In.*	*In.*	°*F.*	°*F.*	°*F.*	°*F.*	°*F.*	°*F.*	*In.*	*In.*	*In.*
Father Point, Que	20	29.75	29.77	−.16	40.6	−3.4	48.2	33.0	73	26	4.97	+2.39	0.0
Quebec, Que	296	29.47	29.78	−.16	48.4	−1.5	56.4	40.5	74	30	4.57	+1.49	T.
Montreal, Que	187	29.57	29.78	−.16	50.2	−4.5	57.7	42.8	73	33	4.75	+1.80	T.
Ottawa, Ont	236	29.52	29.77	−.17	50.1	−4.8	59.2	41.0	71	29	3.79	+1.20	0.2
Kingston, Ont	285	29.50	29.81	−.15	48.5	−4.4	55.0	41.9	64	34	4.36	+1.68	0.0
Totonto, Ont	379	29.41	29.82	−.16	50.1	−3.1	58.6	41.5	70	30	4.41	+1.37	0.0
White River, Ont	1,244	28.46	29.78	−.17	41.2	−4.5	53.7	28.6	71	16	2.00	+0.05	4.4
Parry Sound, Ont	688	29.10	29.79	−.16	47.9	−3.2	57.7	38.1	68	30	4.76	+1.83	0.5
Port Arthur, Ont	644	29.12	29.83	−.13	44.8	−1.1	54.9	34.8	70	22	0.28	−1.87	0.0
Qu'Appelle, Sask	2,115	27.73	29.98	+.04	45.5	−4.3	59.4	31.6	75	21	0.56	−1.09	2.0
Swift Current, Sask	2,392	27.43	29.95	+.03	49.1	−1.6	63.7	34.6	77	25	2.77	+1.01	1.0
Prince Albert, Sask	1,450	28.48	30.07	+.12	48.0	+0.4	62.6	33.4	80	22	0.04	−1.22	T.
Battleford, Sask	1,592	28.26	30.00	+.08	50.1	−0.9	65.2	35.1	83	25	0.71	−0.91	6.5
Victoria, B. C	230	29.83	30.09	+.09	54.6	+2.1	62.4	46.9	83	37	0.09	−1.39	0.0

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Sydney, C. B. I	48	29.89	29.94	+.05	34.7	−0.3	41.8	27.7	57	10	3.52	−0.33	16.0
Halifax, N. S	88	29.82	29.93	−.03	38.4	+0.6	46.3	30.5	56	24	3.32	−0.86	3.7
Yarmouth, N. S	65	29.81	29.88	−.08	38.6	−0.3	45.5	31.7	55	21	2.70	−0.69	3.7
Charlottetown, P. E. I	38	29.88	29.92	+.02	34.1	−1.1	40.2	28.0	53	11	1.97	−0.68	18.5
Chatham, N. B	20	29.85	29.88	−.02	32.4	−3.1	40.3	24.6	58	5	3.91	+1.28	27.0
Winnipeg, Man	760	29.05	29.89	−.13	35.9	0.0	43.6	28.1	65	8	3.52	+2.47	7.4
Calgary, Alb	3,428	26.35	29.96	+.06	38.3	−1.3	52.1	24.6	72	10	1.25	+0.61	11.9
Kamloops, B. C	1,262	28.75	30.06	+.13	48.1	−0.8	60.4	35.9	78	24	0.35	−0.04	----------
Barkerville, B. C	4,180	25.60	29.96	+.10	31.1	−2.0	39.1	23.1	58	9	3.80	+1.98	37.3

SEISMOLOGICAL REPORTS FOR MAY, 1924

W. J. HUMPHREYS, Professor in Charge

[Weather Bureau, Washington, July 3, 1924]

TABLE 1.—*Noninstrumental earthquake reports, May, 1924*

Day	Approximate time, Greenwich civil	Station	Approximate latitude	Approximate longitude	Intensity Rossi-Forel	Number of shocks	Duration	Sounds	Remarks	Observer
1924	*H. m.*	CALIFORNIA	° ′	° ′			*M. s.*			
May 7	?	Whittier	34 00	118 04	----------	----------	----------	----------	No damage	Press report.
23	7 20	Calexico	32 41	115 30	----------	1	----------	----------	Felt by several	E. M. Anderson.
26	11 05	Salinas	36 41	121 39	2	1	----------	None	----------	E. D. Eddy.
		WASHINGTON								
27	0 19	Walla Walla	46 05	118 20	----------	4	1	do	Felt by many	C. C. Garrett.

TABLE 2.—*Instrumental seismological reports, May, 1924*

[Time used: Mean Greenwich, midnight to midnight. Nomenclature: International. For description of stations and instruments see REVIEW for January, 1924]

ALASKA.—*U. S. C. and G. S. Magnetic Observatory, Sitka*

Date	Character	Phase	Time	Period T	Amplitude AE	Amplitude AN	Distance	Remarks
1924			*H. m. s.*	*Sec.*	*μ*	*μ*	*Km.*	
May 1		eP_N	20 04 13	8			6,440	Phases ill defined; first two on EW may be micros.
		$ePR2_E$	20 07 53	8				
		eS_E	20 12 13					
		eS_N	20 12 25					
		$eSR2_E$	20 19 52					
		eL_E	20 24 57					
		eL_N	20 25 56					
		eL_E	20 26 35					
		M_E	20 37 10	12	*200			
		M_N	20 35 50	16		*200		
		F_E	21 04 --					
		F_N	21 03 --					
4		P_E	17 10 10					M uncertain; paper changed in middle of quake.
		P_N	17. 09 56					
		M_E	17 13 30	8	*300			
		M_N	17 17 12	12		*200		
		F_E	17 35 --					
		F_N	17 37 --					

ARIZONA.—*U. S. C. and G. S. Magnetic Observatory, Tucson*

Date	Character	Phase	Time	Period T	Amplitude AE	Amplitude AN	Distance	Remarks
1924			*H. m. s.*	*Sec.*	*μ*	*μ*	*Km.*	
May 1		P_E	20 00 18	6				NS record defective; phases not well defined.
		eS_E	20 06 05	7				
		eL_E	20 09 13	15				
		eL_N	20 09 51					
		M_E	20 10 34	8	*2,000			
		M_N	20 21 48	12	*1,800			
		M_N	20 22 --	14				
		C_E	20 24 --	12				
		C_N	20 28 --					
		F_E	21 02 --					
21		e_E	1 29 09?					May not be seismic.
		P_E	1 29 44	3				
		P_N	1 29 31					
		L_E	1 30 02	4				
		M_E	1 30 09	4	*200			
		F_E	1 38 --					
		F_N	1 31 --					

CALIFORNIA.—*Theosophical University, Point Loma*

Date	Character	Phase	Time	Period T	Amplitude AE	Amplitude AN	Distance	Remarks
1924			*H. m. s.*	*Sec.*	*μ*	*μ*	*Km.*	
May 5			15 00 00		50	50		Tremors during preceding 24 hours.
6					50	50		
22					50	50		
31					50	50		

COLORADO.—*Regis College, Denver*

Date	Character	Phase	Time	Period T	Amplitude AE	Amplitude AN	Distance	Remarks
1924			*H. m. s.*	*Sec.*	*μ*	*μ*	*Km.*	
1		P_E	20 00 30					Disturbed by hour mark. NS out of order.
		L_E	20 04 --	5-6	*2,000			
		C_E	20 09 --					
		F_E	20 19 --					

DISTRICT OF COLUMBIA.—*U. S. Weather Bureau, Washington*

Date	Character	Phase	Time	Period T	Amplitude AE	Amplitude AN	Distance	Remarks
1924			*H. m. s.*	*Sec.*	*μ*	*μ*	*Km.*	
May 1		P	20 00 38				3,100	
		S	20 05 29					
		L?	20 08 30					
		F	21 *ca.*					
4		P	17 07 19					
		S	17 15 20					L indistinguishable.
		F	17 45 --					
6		e_N	16 29 45					
		L	17 28 --	16				Small amplitude.
		F	17 45 --					
21		e?	1 37 50					
		F	1 50 --					
21		P	10 18 42					
		S	10 23 30					No. L.
		F	10 40 --					
27		e	10 17 50					
		F	10 45 --					
28		P	10 03 45				8,400	
		S	10 13 26					
		F	10 50 --					

*Trace amplitude

HAWAII.—*U. S. C. and G. S. Magnetic Observatory, Honolulu*

Date	Character	Phase	Time	Period T	Amplitude AE	Amplitude AN	Distance	Remarks
1924			*H. m. s.*	*Sec.*	*μ*	*μ*	*Km.*	
May 1		O	19 54 12				6,780	Preliminary phases difficult to distinguish because of microseisms. L^2 is the beginning of regular waves.
		P	20 04 27	4				
		S_E	20 12 45					
		S_N	20 12 55					
		L_E	20 23 00	14				
		L_N	20 22 18	14				
		$L2_E$	20 25 27	8				
		L^2_N	20 24 27	8				
		M_E	20 27 17	7	27			
		M_N	20 27 05	7		36		
		F_E	21 43 --					
		F_N	21 44 --					
4		eP_N	16 59 43					Light spot on N was off the paper because of tilt. P_E may have been a few seconds earlier as the 15 seconds time break ended at the recorded time.
		S_N	17 02 16	12				
		L_N	17 03 28	12				
		M_N	17 05 50	12		133		
		F_N	18 24 --					
6		e_E	6 38 25					
		e_N	6 40 00					
		F_E	6 42 --					
		F_N	6 44 --					
6		e_E	10 46 26					
		e_N	10 46 20					
		F	10 52 --					
6		O	16 11 18				7,720	
		eP_E	16 22 11	2				
		eP_N	16 22 37	3				
		S_E	16 31 30	8				
		S_N	16 31 30	10				
		L_E	16 45 15	25				
		L_N	16 45 10					
		M_E	16 54 48	17	22			
		M_N	16 54 10	17		15		
		F_E	17 17 --					
		F_N	17 14 --					
8		e_E	6 03 15					
		e_N	6 02 43					
		F_E	6 07 --					
		F_N	6 12 --					
10		e	3 07 49					
		M	3 19 --	11	7	7		
		F_E	3 30 --					
		F_N	3 42 --					
17		eP_E	4 03 17					
		eP_N	4 03 08					
		S_E	4 04 18	8				
		S_N	4 04 23	7				
		L_E	4 04 59	13				
		L_N	4 05 05	13				
		M_E	4 05 50	13	24			
		M_N	4 08 27	11		11		
		F	4 16 --					
17		e_E	5 37 13					
		e_N	5 36 47					
		F_E	6 09 --					
		F_N	5 54 --					
24		O	3 26 12				3,820	
		P	3 33 17					
		eS_N	3 38 54					
		eL_E	3 42 54	20				
		eL_N	3 42 39	15				
		M_E	3 49 24	14	11			
		M_N	3 43 15	15		12		
		C	3 51 --	11				
		F	4 13 --					
25		e	13 54 13					
		F	14 12 --					
28		O	9 52 10				4,940	
		P_E	10 00 31	2				Interpretation doubtful. The phases tabulated as S and L are quite similar in character.
		P_N	10 00 37	5				
		PR_1	10 02 49	6				
		S_E	10 07 13	12				
		S_N	10 07 13	15				
		L_E	10 13 25	11				
		L_N	10 13 37	18				
		M_E	10 07 27	10	22			
		M_N	10 07 34	14		21		
		F	10 35 --					
27		e	2 54 21					
		F	3 01 --					

TABLE 2.—*Instrumental seismological reports, May, 1924*—Continued

HAWAII.—*U. S. C. and G. S. Magnetic Observatory, Honolulu*—Contd.

1924			*H. m. s.*	*Sec.*	*μ*	*μ*	*Km.*	
May 30		P	19 12 31	5				No definite phases. Slight indication of activity on E at 19:11:09. Evidently not far away.
		L_N	19 13 26	5				
		M_E	19 14 11	5	82			
		M_N	19 14 01	5		60		
		F	19 25 ..					

ILLINOIS.—*U. S. Weather Bureau, Chicago*

1924			*H. m. s.*	*Sec.*	*μ*	*μ*	*Km.*
May 1		P	20 00 23				3,200
		S	20 05 12				
		L?	20 08 25				
		L	20 11 ..	25			
		F	23 30 *ca*				
2		eL	2 29 15	18			
		F	3 *ca*				
4		P	17 07 03				6,100
		S	17 14 42				
		L?	17 24 00				
		L	17 49 ..	16			
		F	19 30 *ca*				
5		e	6 19 30				
		F	7 15 *ca*				
6		eL	3 40 ..	16			
		F	5 *ca* ..				
6		e	6 38 50				
		L	6 51 30	18			
		F	7 05 ..				
6		i	10 47 50				
		L	11 00 30	15			
		F	11 30 ..				
6		P?	16 28 38				
		S	16 37 18				
		L	17 00 00	45			
		L	17 10 ..	30			
		L	17 16 ..	20			
		F	18 30 *ca*				
7		e	13 05 50				
		F	13 15 *ca*				
8		e	6 04 30				
		F	7 30 *ca*				
10		e	3 15 ..				
		L	4 00 ..	18			
		L	4 03 30	16			
		F	5 *ca*				
17		e?	4 13 ..				
		L?	4 40 ..				
		F	5 40 *ca*				
17		P?	5 36 58				
		S?	5 45 15				
		L	6 19 ..	23			
		L	6 25 ..	18			
		F	7 30 ..				
21		e	1 37 37				
		eL	1 40 52	16			
		F	2 10 *ca*				
21		P	10 18 40				3,100
		S	10 23 27				
		L	10 27 25	25			
		L	10 33 ..	16			
		F	11 *ca*				
27		P	3 14 18				
		S?	3 20 15				
		L?	3 26 30				
		L	3 28 ..	18			
		F	4 *ca*				
27		e	10 07 30				
		F	11 10 *ca*				
28		P	10 03 18				7,800
		S	10 12 25				
		L	10 33 ..	23			
		L	10 44 ..	16			
		F	11 40 *ca*				

MARYLAND.—*U. S. C. and G. S. Magnetic Observatory, Cheltenham*

1924			*H. m. s.*	*Sec.*	*μ*	*μ*	*Km.*	
May 1		e_E	20 00 14					Faint; phases not well defined; first phase on NS. may not be seismic.
		eP_E	20 00 35	4				
		eP_N	20 00 34	4				
		e_E	20 04 50	4				
		e_N	20 04 52					
		eL_E	20 13 21	15				
		eL_N	20 12 07	17				
		M_E	20 13 32	15	*200			
		M_N	20 15 04	10		*1,000		
		F_E	20 31 ..					
		F_N	20 31 ..					

PORTO RICO.—*U. S. C. and G. S. Magnetic Observatory, Vieques*

1924			*H. m. s.*	*Sec.*	*μ*	*μ*	*Km.*	
May 1		eP_E	19 59 26	9			2,320	Phases not characteristic; waves irregular. Gentle rocking motion felt at local police station.
		eP_N	19 59 27	6				
		eS_E	20 02 06					
		eS_N	20 03 17	7				
		eL_E	20 03 42	18				
		eL_N	20 03 53	20				
		e_E	20 06 12	30				
		e_N	20 06 07	32				
		e_Z	20 09 24	14				
		M_E	20 12 35	16	*13,400			
		M_N	20 10 39	17		*13,800		
		C_E	20 14 ..	12				
		C_N	20 15 ..	13				
		F_E	21 01 ..	12				
		F_N	20 30 ..	13				
27		P	10 16 45	2				At Port de Paix, Haiti.
		eL_N	10 17 20	3				
		M_E	10 18 52	6	*100			
		M_N	10 17 42	4		*200		
		F	10 24 ..					

CANAL ZONE.—*Panama Canal, Balboa Heights*

1924			*H. m. s.*	*Sec.*	*μ*	*μ*	*Miles*
May 1		P_E	19 56 52				1,425 *ca*
		P_N	19 56 58				
		S_E	20 00 38				
		S_N	20 00 38				
		L_E	20 02 22				
		L_N	20 01 30				
		M_E	20 02 44		*3,600		
		M_N	20 03 52			*3,000	
		F_E	20 37 50				
		F_N	20 48 00				

VERMONT.—*U. S. Weather Bureau, Northfield*

1924			*H. m. s.*	*Sec.*	*μ*	*μ*	*Km.*
May 1		P?	20 01 14				
		S	20 06 40				
		eL	20 10 30				
		L	20 12 ..	22			
		L	20 14 ..	16			
		F	21 *ca.*				
4		e	17 15 ..				
		F	17 30 ..				

CANADA.—*Dominion Observatory, Ottawa*

Instruments—Determined constants

Instrument	To	r	v	ε	Comp.	1	Determined
I	5.3		120	2:1	NS.	1 sec. tilt=displ't	May 7, 1924
II	6.0		120	15:1	EW.		Do.
17	12.0		250	20:1	EW.	51.0 mm	Do.
23	12.0		250	20:1	NS.	44.0 mm	May 5, 1924
D	37.6			13:10	EW.		Jan. 7, 1924
D	36.9			13:10	NS.		Do.
W	5.5		160	4:1	Vert.		Aug. 22, 1923

* Trace amplitude.

Table 2.—*Instrumental seismological reports, May, 1924*—Continued

CANADA.—*Dominican Observatory, Ottawa*—Continued

1924			H. m. s.	Sec.	μ	μ	Km.	
May 1		eL	4 40 --					
		L	4 42 --	17				Small sinusoidal.
		L	4 49 --	15				
		F	5 18 *ca.*					
1		O	19 54 20				3,690	
		P	20 01 15					
		PR1	(20 02 06)					
		PR2	(20 02 24)					
		M_N	20 02 52					Peculiar rise to a maximum on I only.
		S	20 06 44					
		SR2	20 09 00					
		eL	20 10 30					
		M1	20 15 --	15	57			
		M2	20 17 --	15	57			
		L	20 41 *to*	11	8			
			22 20 --	11				
		F	23 20 *ca.*					
			HALIFAX RECORD					
		O	19 54 22				4,140	
		eP	20 01 50					
		i	20 03 24					
		iS	20 07 45					
		i	20 11 00					
		eL	20 12 00					
2		eL	2 35 --	15				Small.
		L	2 52 --	15				Do.
		F	3 06 --					
3		eL?	(12 14 30)					On No. 17 only.
		L	12 24 --					
		L	12 33 --	24				Small.
		F	12 49 *ca*					
4		O	16 57 55				6,180	Very difficult to read; interpretation doubtful.
		e17	17 05 37					
		P	17 07 36					
		PR2?	17 10 24					
		e	17 13 13					
		S?	17 15 22					
		i	17 16 28					
		iSR1?	17 19 20					
		iSR2?	17 20 30					
		eL	17 22 49					
		L	17 29 --					Irregular.
		L	17 37 --					Do.
		L	17 55 --	15	5			
		L	18 13 --	13	3			
		F	19 40 --					
5		e	6 21 30					
		eL	6 29 --					Small sinusoidal.
		F	7 00 *ca*					
6		eL	3 45 --					Small *No. 23 replaced in service after experimental work on May 6.*
		L	3 53 --	20				
		L	4 17 --	15				
		F	4 46 --					
6		e	6 39 47					
		e	6 43 47					
		e	6 47 --					
		eL	6 51 --					
		F	7 20 --					
6		e	10 48 41					
		eL?	10 59 45					
		L	11 03 --	15				Small.
		F	11 35 --					
6		P	16 29 26					
		e17	16 37 11					
		e17	16 44 58					
		e	16 48 45					
		eL?17	16 57 30					
		L	17 00 --	45	50			
		L	17 08 --	30	25	11		
		L	17 20 --	18	7	4		
		L	17 22 --	16	6			
		L	17 30 --	20	9			
		L	17 39 --	14	3			Small on NS.
		F	18 40 --					
7		eL	1 37 --					Small sinusoidal; barely discernible.
		L	1 39 30	20				
		F	2 22 --					
		e17	13 10 45					Small; irregular.
		e23	13 10 23					
		F	13 16 --					
8		e	6 05 45					
		e	6 12 30					
		e	6 20 --					
		L	6 39 --	20				Small sinusoidal.
		L	6 49 --	18				
		L	6 53 --	18				
		F	8 03 --					
10		e_E	3 13 15					
		e_E	3 15 53					
		e_E	3 20 08					
		eL_E	3 27 --					
		L	3 54 --	20	4.5	3		
		L	4 07 30	17	3.5			
		L	4 18 --	15	2.5	2		
		F	5 20 *ca*					

CANADA.—*Dominican Observatory, Ottawa*—Continued

1924			H. m. s.	Sec.	μ	μ	Km.	
May 11		e	4 52 00					
		e	4 55 30					
		eL	4 58 30					
		L	5 00 00	20				Small.
		F	5 09 *ca*					
11		L_E	16 44 30					All phases a trifle later on NS than on EW. Maximum difference, 1 minute.
		L	16 48 --					
		L	16 52 --					
		L	16 54 --	18				
		F	17 10 *ca*					
12		e?	13 37 28					Small sinusoidal L wave.
		L	13 43 --	12				
		L	14 13 --	20				
		F	14 25 *ca*					
13		eL	2 37 48					
		L	2 39 32					
		L	2 42 --					Very small.
		F	2 52 --					
17		e?	4 13 40					
		S?	4 22 10					
		eL	4 39 --					No. 17 only.
		L	4 44 --	21				
		L	4 50 --	18	5			
		L	4 55 --	17	2			
		L	5 01 --	16				Small.
		F	5 30 *ca*					
18		e	5 36 30					Early phases lost in coda of preceding quake.
		e	5 38 45					
		eL	5 54 30					
		M	6 24 --	24	S			
		L	6 26 --	20	3			
		L	7 00 --	16				Small.
		F	7 45 *ca*					
18		e	10 51 --					
		L	10 57 --					Very small sinusoidal.
		F	11 09 --					
21		eL	1 46 --					
		L	1 48 12	12				Small.
		F	2 00 *ca*					
21		O	10 12 48				3,600	
		eP	10 19 36					
		$PR2_N$	10 20 40					
		iS	10 25 00					
		eL	10 29 --					
		L	10 32 33	30	11	18		
		L	10 36 --	12	2.5	2.5		
		F	11 07 --					
22		e	17 54 58					
		e_E	18 07 45					
		eL_N	18 13 --	50				Small.
		L	18 22 --	23				Do.
		L	18 28 --	19				
		L	19 14 --					Small sinusoidal.
		F	19 26 --					
23		eL	2 54 30					
		L	2 58 --	15				
		F	3 04 --					
23		eL	15 37 30	15				Small sinusoidal; irregular; may not be seismic.
		F	15 50 *ca*					
24		e	2 46 45					
		eL	2 52 --					
		L	3 04 --					
		L	3 11 --	16	2	2		
		L	3 21 30	21	3.5	3.5		
		F	4 40 *ca*					
27		e?	3 03 --					Trouble with timing shutter.
		eL	3 20 --					
		L	3 26 24	23				Small.
		L	3 34 30					
		F	4 02 *ca*					
27		eL	10 25 30	30				Small; trouble with timing shutter.
		L	10 28 --	20	3.5	3.5		
		F						Lost.
27		eL_E	20 44 30					
		L_E	20 47 30	15				Small.
		L_N	20 48 48					Do.
		L	20 54 --					
		F	21 07 *ca*					
28		O	9 52 00				7,960	
		P_E	10 03 19					
		S_E	10 12 37					
		e	10 14 45					L mostly irregular until about 10:40; thin small sinusoidal.
		e	10 15 28					
		$SR2?_E$	10 20 23					
		eL?	10 24 --					Small.
		L	10 35 --	15				Do.
		M_N	10 40 --	15		2.5		
		F	11 50 *ca*					
31		eL_E	12 55 --					Early phases lost in micros; EW better marked.
		L	13 00 --	15				
		F						

TABLE 2.—*Instrumental seismological reports, May, 1924*—Continued

CANADA.—*Meteorological Service of Canada, Toronto*

1924			H. m. s.	Sec.	μ	μ	Km.	
May 1		eL	4 40 28					N-S component, barely effected.
W		L	4 51 13					
		L	4 52 to 4 53 45	15		2		Sinusoidal.
		F						Micros.
1		O	19 54 18					P preceded by micros.
W		eP	20 00 50 / -- -- 53					
		iS	20 06 00	6				
		iSR	20 06 29 / -- -- 44	10				Active disturbance
		i	20 08 30	15			3,400	
		L	20 10 41					
		M	20 16 59	11		56		
		F						Slight wind effect.
		O	19 54 24					
		iP	20 00 53	8 to 4				
N		PR	20 05 15					
		S	20 06 00					
		iSR	20 06 30	15	48			Well defined.
		iL	20 10 23					
		M	20 16 10	14	82		3,350	
		F	23 10 --					
2		L	2 34 23	15		1		N-S component not effected.
		L	2 52 23					
W		F	3 09 --					
3		e?	12 14 53					Small. N-S component not effected.
		L	12 33 27					
W		F?	12 50 --					
4		i	17 15 09					Lines crossing and bunched.
		i	17 16 14					
W		L	?17 20 15					
		e	17 14 58					
		iS?	17 17 08					
N		L	17 20 47					
		L	17 36 30	15	6			
		L	17 55 08	10				
		F	19 42 --					
5		i	6 21 10					N-S component, not effected.
W		L	6 28 00	10				Small sinusoidal waves from 6:24:15
		F	6 58 00					
6		L	3 45 30					Prolonged small sinusoidal waves at intervals.
W		L	3 54 15 / 4 06 23	15		3		
		L	4 14 18	15				
		F	4 46 --					
		L	3 54 45					
N		L	4 15 08					Very small.
		F	4 38 00					
6		L	6 51 26					Sinusoidal.
W		L	6 53 15 / 7 02 --	15		4		
		F	7 20 --					
		e	6 53 09					
N		L	6 56 15		2			
		F	7 00 --					
6		e	10 48 30					
W		e	10 48 53					
		eS	10 57 00					
		L	11 00 15	15		4		
		L	11 02 28	15		6		S poorly defined.
		F	11 34 --					
		iP	10 48 32					
N		i	10 48 53					
		iS	10 57 02					
		e	10 58 53					
		L	11 00 --				7,020	
		L	11 00 38					Irregular.
		L	11 02 45	17	4			
		F	11 33 --					
6		eP?	16 29 01					
		P?	16 29 03					
W		e	16 37 08					
		e	16 38 38					
		e	16 39 24					
		e	16 45 45	15		9		
		L	16 57 32					Sinusoidal.
		L	17 02 15	30-38				
			17 13 38					
		M	17 09 08			53		
		L	17 14 38	23				
		F	19 08 --					
		eP	16 29 00					
N		PR	16 29 41					
		eS?	16 39 21					
		L	16 45 48	15				
		L	17 04 45	38	26		9,220	
		L	17 24 38	17	14			
		F	19 00 --					
7		e	1 33 38					
W		L	1 37 08					Small.
		F	2 28 --					

CANADA—*Meteorological Service of Canada, Toronto*—Continued

1924			H. m. s.	Sec.	μ	μ	Km.	
May 7		e	1 33 38					
N		L	1 53 08					Very small.
		F	2 28 --					
7		L	13 09 11					Very small. E-W component affected by N and NE winds.
N		F	13 23 00					
8		L	6 11 38					
		L	6 19 30					
W		e	6 23 38					
		L	6 37 09	15		3		Sinusoidal.
		L	6 55 08	15		4		
			6 56 52					
		F	8 08 --					
		L	6 11 36					
N		L	6 28 38					Slightly sinusoidal. Very small.
		L	6 38 10					
			6 39 00					
		F	7 24 --					
10		i	3 15 45					
		e	3 19 52					
		L	3 51 23	15				Slight sinusoidal.
			3 54 00					
W		L	3 55 58	17				
		L	3 57 45					At intervals.
		L	4 18 --	15		5		
		F	4 52 00					
		L	3 43 08					
N		L	3 51 35					Very small amp.
		L	4 05 45					
		F	4 32 --					
11		e	4 52 28					
W		e	4 56 45					Very small.
		F	5 10 --					
		e	4 56 25					Barely noticeable.
N		F	5 06 --					
11		L?	?16 46 08					
W		L	16 49 41					Wind effect Small. N-S component barely affected.
		F						
13		L	2 38 53					
W		F	2 47 --					Very small. N-S component not affected.
13		e?	19 24 36					Doubtful as to being seismic.
		e	19 48 23					
W		L	19 50 23	23		3		
		F	20 01 00					
		e	19 24 38					
N		e	19 38 45					
		L	19 42 08					Very small.
		F	19 59 --					
17		e	4 21 37					
		e	4 39 22					
W		L	4 41 22	23				Sinusoidal.
		L	4 44 31	23		5		
		L	4 55 30					
		F	5 31 --					
		e	4 36 38					
N		L	4 50 30					Very small.
		F	5 23 --					
17		e?	5 36 24					
		iP	5 37 25	5				
		e	5 38 44					
W		S	5 47 27 / -- -- 30	11				
		eL	5 54 23	15				
		L	6 30 10	19		5		
		F	?7 56 --					
		eP	5 37 21	8				
		PR	5 38 45					
N		iS	5 47 25	10				
		L	5 58 48					
		eL	6 18 45	30				
		L	6 24 00	23	6			
		L	6 38 53	22			8,880	Sinusoidal.
		L	6 40 --	17	4			
			6 43 38					
			6 52 38					
			6 54 00					
		F	7 37 --					
18		L	10 18 45					Very small. E-W component affected by wind.
N		F	11 12 --					
21		L	1 44 23	15		3		
W			1 45 38					Sinusoidal.
		L	1 46 15	10		3		
		F	2 00 --					

TABLE 2.—*Instrumental seismological reports, May, 1924*—Cont.

CANADA.—*Meteorological Service of Canada, Toronto*—Con.

1924			*H. m. s.*	*Sec.*	*u*	*μ*	*Km.*	
May N		L	1 46 30	10	2			Marked suinsoidal waves from.
			1 49 --					
		F	1 58 --					
21		P	?10 19 15					
		S	10 24 15					
W		SR	10 26 28	5				
		iSR	10 27 17	8			3,240	
		i	10 28 08	5				True P may not have been recorded.
		L	10 30 23					
		L	10 31 00					
		L	10 34 30	15		5		
		F	11 02 --					
		P	10 18 21				(3, 280)	
		iP	10 19 14				(4, 160)	
N		iS	10 24 17	5				
		i	10 27 25					
		L	10 31 15					
		L	10 34 12	15	4			
		F	10 48 --					
22		L	18 13 50	23				N-S component, very little affected.
W		L	18 25 15	23				Wind interfered with early phases.
		L	18 26 38					Sinusoidal
			18 28 35	23		8		
		L	18 32 00	15				Wind effect.
23		L	2 56 30					N-S component, not affected. Small.
W		F	3 06 --					
24		e	2 52 38					
		L	3 11 30	15				
W		L	3 20 00	23		6		Sinusoidal at intervals.
		L	3 30 00	23		2		
			3 46 --					
		F	4 40 --					
		L	3 11 35					
N		L	3 20 00					Very small.
		F	3 52 --					
27		eP	10 18 25					P preceded by micros.
		PR	10 19 23					
		eS	10 23 27	10				
W		L	10 25 --					
		L	10 25 45	23		3		
		L	10 26 30	23		11	3,270	
		L	10 30 23	10				
		F	11 16 --					
		PR	10 19 00					
		iS	10 23 26	5 to 10				
N		L	10 26 38	23	7			Sinusoidal.
			10 29 15					
		F	11 15 --					
27		L	20 45 08					N-S component very slightly affected.
W		L	20 48 30					Slow waves, small amplitude.
		F	21 06 --					
28		O	9 51 53					
		eP	10 03 17					
W			10 03 23					
		iS	10 12 39	8		7	8,050	
		i	10 12 45					
		e	10 14 30					
		e	10 15 38					
		L	10 23 --					Slight sinusoidal.
			10 23 30	15				
		L	10 28 23			3		Irregular.
		L	10 33 38	17		6		
		F	11 58 --					
		O	9 52 01					P & S well defined.
N		iP	10 03 22					
		e	10 10 53					
		iS	10 12 41	8			7,990	
		i	10 12 57	10				
		e	10 14 47					
		e	10 15 46					
		L	10 21 23	18				
		L	10 24 12					
		L	10 28 52	15	5			
		F	12 00 --					
31		L	12 55 47					
W		L?	13 00 38					Very small.
		F						Heavy micros.
N		i?	13 28 10					
		L	13 28 22					Very small. Irregular.
		L	13 32 38					
		L	13 46 23	15				
		F						Micros.

Reports for May, 1924, have not yet been received from the following stations:

DISTRICT OF COLUMBIA.—*Georgetown University*, Washington.
MASSACHUSETTS.—*Harvard University*, Cambridge.
MISSOURI.—*St. Louis University*, St. Louis.
NEW YORK.—*Cornell University*, Ithaca; *Fordham University*, New York.
CANADA.—*Meteorological Service of Canada*, Victoria.

TABLE 3.—*Late reports (instrumental)*

DISTRICT OF COLUMBIA.—*Georgetown University, Washington*

1924			*H. m. s.*	*Sec.*	*u*	*μ*	*Km.*	
Mar 4		eP_N	10 13 49					
		eP_N	10 13 51					
		eS_N	10 18 50					
		iS_N	10 18 58					
		eL	10 21 --	27				
		M_N1	10 24 58	22	*9,200			
		M_N1	10 26 --	11		*4,000		
		M_N2	10 30 --	20	*3,000			
		F						Lost in next quake, and changing sheets.
4		eL	11 59 12					
		F	14 *ca.*					
4		e	17 31 --					Very heavy micros.
		L_N	17 34 41					
		F	17 50 --					
5		eL_N?	12 23 24	16				Very heavy micros.
		F?	13 *ca.*					
6		e_N	12 36 45					Rest doubtful; heavy micros.
7		e_N?	18 20 40					Very heavy micros.
11		eP_N	10 46 45					P and S uncertain; very heavy micros.
		eS_N?	10 52 23					
		eL?	10 55 00					
		L_N	10 57 33	16				
		L_N	10 58 --	16				
		M_N	10 58 35		*1,800			
		F	12 50 --					
13		e_N	11 05 --					Sheets off 11:31; quake still on. Very heavy micros.
		e_N	11 03 --					
15		eP_N	10 44 05					
		eS_N	10 54 29					
		eL_N?	11 11 36	16				
		L_N	11 19 28	16				
		F	11 55 --					
20		L_N	10 13 *to*	16				Very heavy micros.
			10 18 --					
24		eP_N	20 36 --					Phases very difficult.
		S_N?	20 40 36					Very heavy micros.
		eL_N?	20 43 18	10				
		L_N	20 45 --					
		L_N	20 47 27	16				
		F	21 15 --					
25		eP?	14 13 10					S_N uncertain.
		S_N?	14 20 27					
		eL	14 23 12	22				
		L_N	14 25 06	11				
		L_N	14 26 11	15				F in next quake.
25		eP_N?	15 09 27					Very heavy micros.
		eP_N	15 09 38					
		eS_N?	15 17 13					
		eL	15 19 54	17				
		L_N	15 21 11	11				
		L_N	15 22 27	11				
		F	16 *ca.*					
30		e?	0 25 --					Pronounced, but difficult; very heavy micros.
		S_N?	0 29 26					
		S_N?	0 29 22					
		F	1 30 --					

* Trace amplitude.