

Apparatus.—Milne-Shaw Seismograph (N.-S.) : Damping Ratio 20·6 : 1



	V	T ₀	ϵ	$\frac{r}{T_0^2}$
An	250	12·0	2·6	

Date.	Phase.	Time G. M. T.			Period (Sec.)	Ampli- tude (μ) An.	Remarks.	Date.	Phase.	Time G. M. T.			Period (Sec.)	Ampli- tude (μ) An.	Remarks.
1925.		H.	M.	S.				1925—contd.		H.	M.	S.			
Jan. 2	P	23	20	30	..	..		Jan. ✓ 30	P	17	40	59	..	..	
	S	23	24	26	..	..			S	17	50	44	..	..	
	L	23	26	45	..	..			L	18	9	44	..	..	
	M	23	28	26	..	..			M	18	13	15	19	19	
	F	23	53	0	..	..			F	19	11	0	..	..	
" 3	From	8	32	0	..	..	Tremors.	" 31	From	17	22	0	..	..	Tremors.
	To	9	37	0	..	..			To	18	8	0	..	..	
" 9	From	16	2	0	..	..	Tremors.	Feb. ✓ 1	P	5	34	47	..	..	
	To	16	27	0	..	..			S	5	43	36	..	..	
" 9	P	17	45	12	..	..			L	5	58	47	..	..	
	S	17	51	53	..	..			M	6	6	28	15	14	
	L	18	0	12	..	..			F	7	57	0	..	..	
	F	18	46	0	..	..		" 1	From	16	4	0	..	..	Tremors.
" 15	From	13	59	0	..	..	Tremors.		To	16	41	0	..	..	
	To	14	30	0	..	..		" 1	From	18	18	0	..	..	Tremors.
	From	17	9	0	..	..	Tremors.		To	18	49	0	..	..	
	To	17	39	0	..	..		" 2	From	11	58	0	..	..	Tremors.
" ✓ 18	P	12	17	2	..	..			To	12	39	0	..	..	
	S	12	26	10	..	..		" ✓ 2	P	13	40	2	..	..	
	L	12	41	59	..	..			S	13	49	2	..	..	
	M	12	51	59	14	81			L	14	5	17	..	..	
	F	15	34	0	..	..			M	14	11	54	15	18	
" 18	From	16	33	0	..	..	Tremors.		F	15	39	0	..	..	
	To	16	38	0	..	..		" 2	P	18	47	46	..	..	
" 18	From	20	24	0	..	..	Tremors.		M	18	56	46	..	..	
	To	21	16	0	..	..			F	..	..	..	..	..	Uncertain.
" ✓ 28	P	4	16	23	..	..		" ✓ 2	P	19	57	39	..	..	
	S	4	25	14	..	..			S	20	6	35	..	..	
	L	4	40	33	..	..			L	20	21	46	..	..	
	M	4	48	1	16	28			M	20	31	25	16	33	
	F	..	..	..	..	..	Uncertain.		F	..	..	..	..	..	Uncertain as it is mixed up in Tremors.
" 28	From	18	56	0	..	..	Tremors.	" 2	From	22	51	0	..	..	Tremors.
	To	19	19	0	..	..			To	23	27	0	..	..	
" 29	From	8	51	0	..	..	Tremors.								
	To	9	7	0	..	..									

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Date.	Phase.	Time G. M. T.			Period (Sec.).	Ampli- tude (μ) An.	Remarks.	Date.	Phase.	Time G. M. T.			Period (Sec.).	Ampli- tude (μ) An.	Remarks.
1925—contd.		H.	M.	S.				1925—contd.		H.	M.	S.			
Feb. 3	From	3	7	—	..	..	Tremors.	Mar. 8	From	1	48	—	..	..	Tremors.
	To	3	24	—	..	..			To	2	19	—	..	..	
" 3	P	18	34	41	..	..		" 8	From	11	32	—	..	..	Tremors.
	F	19	25	—	..	..			To	11	49	—	..	..	
" 7	From	17	42	—	..	..	Tremors.	" 9	P	4	27	36	..	..	
	To	17	58	—	..	..			F	4	30	44	..	..	
" 7	P	18	26	30	..	..		" 12	From	0	16	—	..	..	Tremors.
	S	18	33	0	..	..			To	0	25	—	..	..	
	L	18	40	45	..	..		" 14	From	3	9	—	..	..	Tremors.
	M	18	45	11	17	10			To	3	31	—	..	..	
	F	19	14	—	..	..		" 15	From	14	2	—	..	..	Feeble Tremors.
" 9	P	14	28	20	..	..			To	14	45	—	..	..	
	S	14	34	47	..	..		" 15	Pe	15	58	33	..	..	
	L	14	42	58	..	..			F	16	59	—	..	..	
	M	14	43	13	14	6		" 15	P	23	39	11	..	..	Feeble shock.
	F	16	39	—	..	..		" 16	F	0	3	—	..	..	
" 13	Pe	14	10	43	..	..		" 16	P	14	47	48	..	..	
	S	14	15	6	..	..			S	14	52	41	..	..	
	L	14	19	2	..	..			L	14	56	18	..	..	
	M	14	57	17	21	11			M	..	..	..	..	..	Movements very quick. Record faint.
	F	15	49	—	..	..		" 16	F	17	6	0	..	..	
" 16	Pe	18	4	14	..	..		" 16	P	23	41	58	..	..	
	S	18	12	0	..	..			S	23	49	24	..	..	
	L	18	22	22	..	..		" 17	L	0	0	24	..	..	
	F	19	35	—	..	..			M	0	7	24	12	18	
" 20	P	1	13	44	..	..			F	1	1	—	..	..	
	S	1	20	18	..	..		" 18	P	14	24	22	..	..	
	M	1	42	14	15	24			F	15	13	44	..	..	Tremors.
	F	3	8	—	..	..		" 19	P	15	43	49	..	..	
" 20	From	8	57	—	..	..	Tremors.		S	15	48	26	..	..	
	To	9	9	—	..	..			L	15	51	42	..	..	
" 22	From	5	22	—	..	..	Tremors.	" 20	From	5	51	—	..	..	Tremors.
	To	5	34	—	..	..			To	6	39	—	..	..	
" 24	Pe	0	7	3	..	..		" 20	From	12	37	—	..	..	Tremors.
	S	0	17	28	..	..			To	13	39	—	..	..	
	L	0	38	43	..	..		" 22	P	9	0	8	..	..	
	M	0	53	9	20	47			S	9	6	22	..	..	
	F	2	58	—	..	..			L	9	14	45	..	..	
" 25	From	22	22	—	..	..	Tremors.		M	9	48	19	32	49	
	To	23	19	—	..	..		" 26	F	12	14	—	..	..	Tremors.
Mar. 1	P	2	36	48	..	..		" 26	From	8	14	—	..	..	Tremors.
	S	2	47	14	..	..			To	13	19	—	..	..	Tremors.
	Le	3	10	3	..	..		" 27	From	9	21	—	..	..	Tremors.
	F	4	59	—	..	..			To	13	19	—	..	..	Tremors.
" 1	From	12	40	—	..	..	Tremors.	" 29	From	21	32	—	..	..	Tremors.
	To	13	40	—	..	..		" 30	To	0	30	—	..	..	Feeble shock.
" 7	From	18	40	—	..	..	Tremors.	April 7	P	15	53	32	..	..	Feeble shock.
	To	19	55	—	..	..			F	16	8	—	..	..	
" 7	From	20	41	—	..	..	Tremors.	" 7	P	16	9	25	..	..	Feeble shock.
	To	20	54	—	..	..			F	16	27	—	..	..	

Date.	Phase.	Time G. M. T.	Period (Sec.)	Ampli- tude (μ) An.	Remarks.	Date.	Phase.	Time G. M. T.	Period (Sec.)	Ampli- tude (μ) An.	Remarks.
1925—contd.		H. M. S.				1925—contd.		H. M. S.			
April 7	P	18 15 15	..	..		May 3	P	17 31 19	..	..	
	S	18 22 40	..	..			S	17 38 49	..	..	
	L	18 33 30	..	..			L	17 50 12	..	..	
	M	18 34 21	..	..			M	17 55 4	24	50	
	F	20 5 —	..	..			F	19 42 —	..	..	
" 9	P	7 19 55	..	..	Feeble shock.	" 3	P	23 8 59	..	..	
	F	7 34 18	..	..			S	23 16 3	..	..	
" 11	P	10 51 36	..	..			L	23 25 3	..	..	
	S	10 59 14	..	..			M	23 28 18	17	43	
	L	11 10 59	..	..		" 4	F	1 46 —	..	..	
	M	10 59 44	25	318		" 5	P	10 15 5	..	..	
	F	15 11 —	..	..			S	10 22 9	..	..	
" 14	P	1 43 38	..	..	Feeble shock.		L	10 31 31	..	..	
	S	1 46 8	..	..			M	10 43 17	15	31	
	L	1 49 22	..	..			F	..	..	..	Lost due to ex- tinction of light
	F	2 6 —	..	..		" 5	P	23 30 18	..	..	
" 15	P	9 41 45	..	..	Slight shock.		S	23 33 48	..	..	
	S	9 44 38	..	..			L	23 52 40	..	..	
	L	9 46 4	..	..			M	23 54 44	22	18	
	M	9 46 15	..	..		" 6	F	0 54 —	..	..	
	F	10 2 —	..	..		" 7	Pe	14 50 15	..	..	Feeble shock.
" 15	P	12 59 0	..	..	Feeble shock.		F	15 41 —	..	..	
	F	13 50 —	..	..		" 13	P	23 59 12	..	..	
" 16	P	5 42 0	..	..	Feeble shock.	" 14	S	0 3 35	..	..	
	F	6 11 —	..	..			M	0 16 5	13	10	
" 16	P	20 0 59	..	..			F	1 18 —	..	..	
	S	20 7 37	..	..		" 14	P	7 14 43	..	..	
	L	20 15 52	..	..			S	7 18 13	..	..	
	M	20 20 52	21	313			L	7 20 13	..	..	
	F	22 18 —	..	..			M	..	..	..	Movements small.
" 19	P	15 56 13	..	..	Feeble shock.		F	..	..	..	Uncertain.
	F	16 36 —	..	..		" 16	P	18 14 26	..	..	Feeble Local shock.
" 22	P	23 20 39	..	..			F	18 18 —	..	..	
	S	23 28 39	..	..		" 18	P	7 27 23	..	..	Feeble shock.
	L	23 42 1	..	..			S	7 31 20	..	..	
	M	..	..	..	Movements small.	" 19	P	5 33 13	..	..	
" 23	F	0 42 —	..	..			S	5 40 53	..	..	
" 23	P	19 42 4	..	..			L	5 49 53	..	..	
	S	19 49 4	..	..			M	5 50 23	23	22	
	F	20 23 —	..	..			F	7 25 —	..	..	
" 25	From	9 43 7	..	..	Feeble Tremors.	" 22	Pe	9 59 0	..	..	Feeble shock.
	To	10 7 —	..	..		" 23	F	10 50 —	..	..	
" 30	From	12 1 —	..	..	Tremors.		P	2 27 18	..	..	Feeble shock.
	To	12 30 —	..	..		" 25	F	3 28 —	..	..	
							P	3 52 2	..	..	
							S	3 58 47	..	..	
							L	..	..	..	Movements very small.
							F	4 50 —	..	..	

Seismic Disturbances, 1925—contd.

Date.	Phase.	Time G. M. T.			Period (Sec.).	Ampli- tude (μ) An.	Remarks.	Date.	Phase.	Time G. M. T.			Period (Sec.).	Ampli- tude (μ) An.	Remarks.
1925—contd. May 26	Pe	H.	M.	S.	..	..	Feeble shock.	1925—contd. July 6	P	H.	M.	S.	..	..	Feeble shock.
	Fc	15	53	0	..	..			F	12	24	23	..	..	
" 27	P	2	38	48	..	..		" 7	P	8	23	37	..	..	Slight shock.
	Se	2	46	25	..	..			S	8	31	15	..	..	
	F	3	20	—	..	..			L	8	40	13	..	..	
" 27	From	9	5	—	..	..			F	9	19	—	..	..	
	To	9	13	—	..	..	Tremors.	" 7	From	15	24	—	..	..	Tremors.
" 28	P	3	21	46	..	..			To	16	32	—	..	..	
	S	3	23	46	..	..		" 7	From	18	57	—	..	..	Tremors.
	L	3	24	31	..	..			To	19	29	—	..	..	
	M	..	..	..	..	..	Movements small.	" 8	P	5	2	44	..	..	
	F	..	..	..	..	..	Uncertain.		S	5	8	14	..	..	
" 28	P	6	4	48	..	..			L	5	12	44	..	..	
	S	6	12	48	..	..			F	5	37	—	..	..	
	L	6	24	48	..	..		" 17	From	17	8	—	..	..	Tremors.
	M	6	25	11	20	16			To	17	33	—	..	..	
	F	7	42	—	..	..		" 17	From	21	28	—	..	..	Tremors.
June 3	P	4	43	7	..	..			To	21	39	—	..	..	
	S	4	50	51	..	..		" 27	From	23	5	—	..	..	Tremors.
	L	5	1	7	..	..			To	23	14	—	..	..	
	M	5	7	14	22	15		Aug. 7	From	8	24	—	..	..	Tremors.
	F	5	35	—	..	..			To	9	22	—	..	..	
" 9	P	13	51	44	..	..		" 14	P	4	32	15	..	..	
	S	14	0	59	..	..			S	4	40	45	..	..	
	L	14	18	44	..	..			L	4	54	45	..	..	
	M	..	..	..	..	..	Movements small.		M	5	3	45	18	9	
	F	15	51	—	..	..			F	5	52	—	..	..	
" 14	From	11	9	44	..	..	Tremors.	" 16	From	2	59	—	..	..	Tremors.
	To	12	22	44	..	..			To	3	18	—	..	..	
" 14	From	5	53	14	..	..	Tremors.	" 19	P	12	19	23	..	..	Record faint.
	To	6	23	44	..	..			S	12	29	8	..	..	
" 20	P	13	8	7	..	..			Le	12	47	8	..	..	
	S	13	11	14	..	..			Mc	12	52	8	..	..	
	M	13	11	44	..	..		" 26	P	16	18	15	..	..	
	F	15	1	—	..	..			F	16	34	—	..	..	
" 28	From	6	39	—	..	..	Tremors.	" 30	P	13	23	59	..	..	
	To	7	7	—	..	..			F	13	43	—	..	..	
" 28	P	13	45	44	..	..		" 31	P	9	40	6	..	..	Feeble shock.
	S	13	49	44	..	..			F	9	52	—	..	..	
	M	..	..	..	..	..	Movements small.	" 31	P	10	6	43	..	..	
	F	14	25	—	..	..			S	10	9	28	..	..	
July 4	From	8	21	—	..	..	Feeble Tremors.		L	10	10	39	..	..	
	To	8	44	—	..	..			M	10	11	30	11	28	
" 4	P	9	32	46	..	..			F	10	47	—	..	..	
	M	9	33	1	..	..		Sept. 4	From	4	30	—	..	..	Tremors.
	F	10	34	—	..	..			To	4	45	—	..	..	

Date.	Phase.	Time G. M. T.	Pe- riod (Sec.).	Ampli- tude (μ) An.	Remarks.	Date.	Phase.	Time G. M. T.	Pe- riod (Sec.).	Ampli- tude (μ) An.	Remarks.
1925—contd.		H. M. S.				1925—contd.		H. M. S.			
Sept. 5	P	16 42 7	..	..		Oct. 22	Le	17 18 28	..	..	
	S	16 52 7	..	..			M	17 18 51	11	32	
	L	17 11 44	..	..			F	19 27 —	..	..	
	M	17 14 25	18	11		23	P	1 56 33	..	..	
	F	17 57 —	..	..			S	2 3 44	..	..	
" 6	P	1 14 10	..	..	Feeble shock.		L	2 12 40	..	..	
	F	1 51 —	..	..			F	3 39 —	..	..	
" 10	From	13 16 —	..	..	Tremors.	" 25	Pe	0 38 29	..	..	Feeble shock.
	To	13 49 —	..	..			F	1 19 —	..	..	
" 10	From	16 59 —	..	..	Tremors.	" 25	From	5 47 —	..	..	Tremors.
	To	17 20 —	..	..			To	6 12 —	..	..	
" 20	P	7 20 41	..	..	Feeble shock.	" 27	From	17 3 —	..	..	Tremors.
	F	8 13 —	..	..			To	17 15 —	..	..	
" 24	P	4 42 42	..	..		" 29	P	19 41 27	..	..	Feeble shock.
	S	4 46 19	..	..			F	20 1 —	..	..	
	F	5 28 44	..	..		" 30	P	15 5 19	..	..	Feeble shock.
" 25	P	8 48 42	..	..	Feeble shock.		F	16 31 —	..	..	
	F	8 23 —	..	..		Nov. 6	From	15 22 —	..	..	Tremors.
" 28	P	21 52 10	..	..	Feeble shock.		To	16 5 —	..	..	
	F	22 11 —	..	..		" 6	P	19 26 52	..	..	
Oct. 5	P	4 28 27	..	..			S	19 28 24	..	..	
	S	4 31 42	..	..			L	19 29 0	..	..	
	F	6 21 —	..	..			M	19 29 44	9	13	
" 8	From	12 2 —	..	..	Tremors.		F	19 56 —	..	..	
	To	12 14 —	..	..		" 10	P	14 0 41	..	..	
" 12	P	5 54 13	..	..			S	14 8 4	..	..	
	S	6 1 56	..	..			L	14 18 34	..	..	
	M	6 2 6	13	13			M	14 22 48	23	69	
	F	7 16 —	..	..			F	17 49 —	..	..	
" 13	P	17 59 40	..	..		" 13	P	12 23 48	..	..	
	S	18 9 3	..	..			S	12 31 —	..	..	
	L	18 26 10	..	..			L	12 40 56	..	..	
	M	18 47 6	17	13			M	12 48 56	14	58	
	F	20 40 —	..	..			F	16 31 —	..	..	
" 14	P	5 15 55	..	..		" 14	P	8 19 58	..	..	
	F	5 36 —	..	..			S	8 27 9	..	..	
" 15	P	12 46 38	..	..			F	9 29 —	..	..	
	M	12 52 25	13	23		" 14	P	10 12 36	..	..	
	F	13 45 —	..	..			S	10 19 50	..	..	
" 18	From	8 0 —	..	..	Tremors.		F	11 39 —	..	..	
	To	9 29 —	..	..		" 14	P	14 46 9	..	..	
" 21	From	17 53 —	..	..	Tremors.		S	14 53 20	..	..	
	To	18 39 —	..	..			F	16 9 —	..	..	
" 22	P	17 9 3	..	..							
	S	17 14 25	..	..							

Seismic Disturbances, 1925—concl'd.

Date.	Phase.	Time G. M. T.	Pe- riod (Sec.).	Ampli- tude (μ) An.	Remarks.	Date.	Phase.	Time G. M. T.	Pe- riod (Sec.).	Ampli- tude (μ) An.	Remarks.
1925—cont'd.						1925—concl'd.					
Nov.	16	P	12 14 24	..	..	Dec.	19	P	16 22 44	..	..
		M	13 24 36	19	15			S	16 34 33	..	..
		F	14 32 —	..	..			L	17 1 31	..	..
„	17	From	0 37 —	..	..			M	17 36 59	17	18
		To	2 39 —	..	..			F	18 37 —	..	..
„	23	P	12 42 24	..	..	„	19	Pe	20 23 28	..	..
		F	12 59 —	..	..			F	20 41 —	..	..
„	28	Pe	16 27 36	..	..	„	21	P	17 59 44	..	..
		S	16 37 55	..	..			F	18 27 —	..	..
		F	18 48 —	..	..	„	22	P	5 11 21	..	..
„	30	P	18 3 19	..	..			S	5 16 10	..	..
		F	18 36 0	..	..			L	5 19 51	..	..
Dec.	7	P	8 38 44	..	..			M	5 23 21	13	94
		S	8 42 30	..	..			F	7 49 —	..	..
		L	8 44 37	..	..	„	23	From	1 45 —	..	Feeble Tremors.
		M	8 46 14	11	43			To	2 9 —	..	..
		F	10 16 —	..	..	„	23	From	23 14 —	..	Tremors.
„	9	From	5 47 —	..	..			To	23 59 —	..	..
		To	6 4 —	..	..	„	26	Pe	18 30 44	..	..
„	10	From	5 5 —	..	..			S	18 40 14	..	..
		To	5 32 —	..	..			F	19 45 44	..	..
„	10	P	14 34 10	..	..	„	27	Pe	10 37 44	..	..
		S	14 47 48	..	..			Se	10 45 44	..	..
		L	15 27 3	..	..			F	11 49 —	..	..
		M	15 42 26	19	36	„	27	From	17 59 —	..	Tremors.
		F	17 15 —	..	..			To	20 9 —	..	..
„	11	From	1 4 —	..	..	„	28	From	19 19 —	..	Tremors.
		To	2 12 —	..	..			To	20 41 —	..	..
„	15	P	7 48 43	..	..	„	28	From	22 30 —	..	Tremors.
		S	7 51 28	..	..			To	23 11 —	..	..
		L	7 52 30	..	..	„	29	Pe	2 15 16	..	..
		M	7 53 22	11	7			F	3 51 —	..	..
		F	8 10 0	..	..	„	29	P	16 13 25	..	..
„	18	P	5 58 21	..	..			S	16 20 37	..	..
		S	6 2 33	..	..			L	16 30 51	..	..
		F	6 41 —	..	..			M	16 37 48	19	11
„	18	P	18 14 14	..	..			F	18 2 —	..	..
		S	18 17 30	..	..	„	30	From	7 16 —	..	Tremors.
		M	18 17 48	..	..			To	8 28 —	..	..
		F	18 47 —	..	..						
„	19	P	3 38 22	..	..						
		F	4 24 —	..	..						