

British Association for the Advancement of Science.

Circular No. 16, issued by the Seismological Committee, Professor H. H.
TURNER, F.R.S. (Chairman), Mr. JOHN MILNE, F.R.S., *Shide*,
Isle of Wight (Secretary).

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I. *General Notes on Registers from Similar Horizontal Pendulums*
(*Milne Type*).

THE following registers are continuous with those published by the Seismological Investigation Committee in their first fifteen circulars and in the Reports of the Association, 1896 to 1899.

If observers at these and other places will kindly send a copy of their register, together with copies of their more important seismograms, to the Secretary of the Seismological Investigation Committee, British Association, Burlington House, London, W., as early as possible after June 30, and again after December 31 of each year, the interval of time which must elapse before they receive copies of the registers of co-workers in various parts of the world will be considerably reduced.

The time employed is Greenwich mean time (civil), expressed in hours, minutes, and in decimals of minutes. 24 or 0 hours = midnight.

Amplitude indicates half of the complete range of the maximum motion, and is expressed in millimetres. Values less than 1 millimetre refer to the thickening of the line and indicate half its width.

As 1° turn of the calibrating screw in the bed-plate of the instrument causes a tilt of 1".9, and as this is accompanied by a measurable displacement of the outer end of the boom, it is easy to determine the angular value corresponding to a 1 millimetre displacement. This quantity should be stated at the end of each register.

II. *Registers.*

The Register from Shide, Newport, Isle of Wight, England.

Director, JOHN MILNE; Assistants, MESSRS. HIROTA, BURGESS AND O'NEILL.

The following entries refer to records obtained from three pendulums, A, B, and C. The periods and "sensibilities" or deflections for 1° turn of the calibrating screw were as follows:-

- A. Period 18 seconds. 1° turn = 4 mm.
- B. Period 14 seconds. 1° turn = 4 mm.
- C. Period 18 seconds. This pendulum records N.S. motion and is without a calibrating screw. A and B record E.W. motion.

P₁ = Preliminary tremors. p. = maximum period. d. = duration.
a = amplitude. Ats. = Air tremors.

No.	Date	Commence- ment	Max.	Max. Ampli- tude	Dura- tion	Remarks
1907.						
1324	Jan. 1	H. M. 1 47.8	H. M. 1 51.9	MM. 0.3	H. M. 0 38	B.
		1 24.2	1 50.4	1.0	0 55	C.
1325	" 1	14 27.6	14 38.9	1.0	0 20	B and C. Eqke.?
1326	" 2	0 56.5	1 32.0	1.5	1 10	A.
		1 35.2	—	0.2	0 3	B only.
1327	" 2	11 13.7	12 25.1	2.5	3 50	C. B not work- ing.
1328	" 4	5 30.0 ? 5 42.5 ?	6 30.0 6 25.6	5.0 9.0	>3 30 >3 0	A. C. Ats. present. B not work- ing.
1329	" 7	3 25.9	3 39.0	0.7	0 37	C. B not work- ing.
1330	" 7	7 58.2	—	—	—	C. Ats. present.
1331	" 8	5 43.2	5 49.4	3.0	2 20	C. A and B not working.
1332	" 10	6 22.8	6 23.9	0.4	0 11	" " " "

The Register from Shide, Newport, Isle of Wight, England—continued.

No.	Date	Commencement		Max.		Max. Amplitude	Duration	Remarks
		H.	M.	H.	M.			
1333	Jan. 14	20	48.7	21	17.0	2.0	1 36	A. With overlapping after-shocks.
		21	4.9	21	9.9	0.2	0 37	B.
		21	4.9	21	9.9	0.5	0 50	C.
1331	" 19	13	47.8	—	—	0.2	0 17	B and C. Ats. on A.
1335	" 28	7	45	—	—	0.2	0 6	A. Eqkes.?
1336	Feb. 9	8	16	—	—	0.2	—	A. Eqkes.?
		12	37	—	—	—	—	—
		19	3	—	—	—	—	—
		20	0	—	—	—	—	—
1337	" 10	0	7	—	—	0.2	—	A. Eqkes.?
		5	25	—	—	—	—	—
		6	0	—	—	—	—	—
1338	" 12	13	34.3	—	—	—	—	A. Eqkes.?
		16	31.3	—	—	—	—	—
1339	" 13	10	38.2	—	—	—	—	A. Intermit. tremors.
		to 12	4.2	—	—	—	—	A. slight.
1340	" 14	7	41.2	—	—	—	—	A. Intermit. tremors.
1341	" 16	7	40.8	—	—	—	—	—
		to 14	15.7	—	—	—	—	—
1342	" 16	22	20.8	22	48.8	0.5	0 59	A.
1343	" 17	3	41.8	—	—	0.2	—	A.
		and	—	—	—	—	—	—
		14	57.8	—	—	—	—	—
1344	" 20	10	46.5	—	—	—	—	B and C slight. Ats. on A.
1345	" 23	16	48.9	17	17.0	0.5	0 40	A.
1346	" 24	3	44.2	4	16.0	1.0	1 10	A.
1347	" 24	8	15.0 abt.	—	—	0.3	0 30	C only.
1348	" 26	14	35	—	—	—	—	B and C slight.
		and	—	—	—	—	—	—
		16	20	—	—	—	—	—
1349	Mar. 8	12	40.5	—	—	0.1	0 5	A.
1350	" 18	13	56.1	—	—	0.2	0 34	A.
1351	" 29	21	4.6	21	20.0	0.5	1 40	A. Bidis.
		21	6.4	—	—	0.1	0 55	B.
		21	10.5	—	—	0.2	1 2	C.
1352	" 31	22	33.1	22	30.1	0.5	1 30	B.
		22	42.2	—	—	0.6	0 40	C.
1353	April 2	22	29.7	—	—	0.2	0 5	A. Azores?
1354	" 4	5	15.1	—	—	—	0 5	B. Com. on C 5 2.7.
1355	" 5	18	34.0	18	45.0	0.2	—	A. Also tremors. 12 8 to 14 20.
1356	" 9	12	53.0	—	—	0.2	0 4	A.
1357	" 12	14	10.0	—	—	0.2	0 12	A.
1358	" 12	19	31.5	19	37.5	0.3	0 28	A.
1359	" 13	11	42.0	—	—	0.2	0 13	A.
		12	9.3	—	—	0.2	0 2	B and C.
1360	" 13	13	40.5	—	—	0.2	0 3	A also at 14 16 and 18 15.
1361	" 15	6	20.7	7	3.7	9.0	>3 0	A. p. at 6 31.7. p. = 20s.
		6	20.4	7	0.4	7.0	>3 0	B and C.

The Register from Shide, Newport, Isle of Wight, England—continued.

No.	Date	Commencement		Max.		Max. Amplitude	Duration	Remarks
		H.	M.	H.	M.			
1362	April 18	21	18.1	22	4.1	MM. 7.0	>1 37	A. p. = 17s.
		21	22.2	22	4.3	1.0	2 20	B. Amp. for C = 7mm.
1363	" 19	0	15.4	0	57.4	3.0	1 25	A. p. = 15 to 17s.
		0	10.1	0	55.1	0.5	2 0	B.
		0	14.0	—	—	4.0	1 0	C.
1364	" 19	15	7.1	—	—	0.2	0 3	A. Also at 15 45.6. d. = 13m.
1365	" 19	15	50.3	—	—	0.2	0 15	C. B very faint.
1365	" 22	15	30.8	—	—	0.2	0 4	A. Not on B or C.
1366	" 23	1	50.8	—	—	0.2	0 4	A. Also at 9 3. Not on B and C.
1367	" 25	4	30.0	4	42.0	0.2	1 20	A. B and C not working.
1368	" 25	5	29.1	—	—	0.2	0 20	A only. Tremors 26th, 17, to 27th, 9, and 14-16 hrs.
1369	May 3	21	7.6	21	34.1	0.2	0 40	A only. B thickenings 19 13 to 21 50.
1370	" 4	0	29.5	—	—	0.2	0 14	A.
		0	30.6	—	—	0.2	0 32	B. Not on C. Felt Surbiton.
1371	" 4	6	9.9	—	—	0.2	1 55	C. Also on A.
1372	" 4	8	57.5	9	37.5	0.5	2 0	A.
		9	14.0	9	34.0	0.5	1 0	C. B slight thickening.
1373	" 7	5	35.2	5	48.2	0.3	0 25	A.
		5	41.1	5	42.1	0.3	0 20	C.
		5	46.1	—	—	0.1	0 6	B.
1374	" 7	6	49.2	6	56.2	—	0 16	A. Not on B and C.
1375	" 7	10	9.2	11	18.2	0.2	2 44	A.
		10	11.3	11	11.3	0.3	1 50	C.
		10	11.3	11	17.3	0.5	1 35	B.
1376	" 9	23	21.5	—	—	0.2	0 17	A. Felt Irkutsk.
		23	31.5	—	—	0.2	0 3	B. Not on C.
1377	" 10	1	14.1	—	—	0.2	0 10	A only.
1378	" 12	8	22.0	9	11.0	0.2	1 45	A.
		9	4.2	—	—	0.2	0 62	C. Not on B.
1379	" 13	21	23.1	22	27.0	0.2	2 0	A.
		21	37.0	22	9.0	0.5	1 35	C. Not on B.
1380	" 17	18	30.0	19	30.0	0.5	>2 0	A only.
1381	" 20	8	6.0	8	56.0	0.2	1 30	A.
		8	47.1	8	56.3	0.2	0 30	B. Not on C.
1382	" 20	10	13.0	10	35.0	0.5	1 0	A.
		10	16.3	10	31.7	0.5	0 45	B.
		10	16.3	10	28.6	0.5	—	C.
1383	" 21	14	35.0	15	30.0	0.2	1 0	A. Not on B and C.
1384	" 22	23	37.8	23	45.0	0.5	0 19	A.
		23	44.0	23	49.6	0.5	0 25	C. B thickenings

The Register from Shide, Newport, Isle of Wight, England—continued.

No.	Date	Commence-ment		Max.	Max. Ampli-tude	Dura-tion	Remarks
		H. M.	H. M.				
1385	May 23	14 47	—	—	0.2	0 5	—
		15 10	—	—	—	—	—
		11 43.2	13 1.5	0.5	1 55	A.	
1386	" 25	11 49.2	13 4.6	0.5	1 38	B.	
		12 35.4	12 57.4	0.5	0 40	C.	
		14 6.5	14 36.0	2.5	1 37	A.	
1387	" 25	14 13.8	14 27.7	1.0	1 10	C.	
		14 13.8	14 26.2	1.0	1 26	B.	
		16 40.5	16 50.5	0.5	0 34	A.	
1388	" 25	16 43.0	16 52.2	0.5	0 23	B.	
		16 43.0	16 52.7	0.5	0 25	C.	
		13 2.4	13 32.1	0.5	2 0	A.	
1389	" 31	13 1.3	14 32.0	1.0	2 0	B.	
		13 2.3	14 9.9	1.5	2 30	C.	
		8 57.3	9 4.4	0.5	0 59	A.	
1390	June 1	8 52.0	9 25.9	1.0	2 0	B.	
		8 58.8	9 27.9	0.3	2 40	C.	
		23 27.1	23 43.6	0.2	0 40	A.	
1391	" 1	23 17.6	23 39.2	0.2	0 30	C. B thickenings	
		22 49.5	—	—	0 2	A only.	
1392	" 4	3 34.0	4 8.0	0.5	3 0	A.	
1393	" 5	3 35.3	4 36.3	1.0	2 30	B.	
		3 43.0	4 7.6	2.5	2 30	C.	
1394	" 6	18 7.9	18 33.9	—	—	A only.	
1395	" 11	4 9.0	—	—	—	A. Interm.	
		8 8.0	—	—	—	trem. also at 10 and 11 9.	
1396	" 12	8 0.0	—	—	—	A. Slight tremors.	
		10 0.0	—	—	—	—	
		14 3.0	—	—	—	—	
1397	" 13	6 59.0	—	—	—	A. Extremely slight tremor.	
		9 16.6	9 52.0	0.2	2 38	A.	
1398	" 15	9 33.0	10 20.0	0.5	1 21	B.	
		9 34.8	10 17.1	0.2	0 75	C.	
		8 6.0	—	—	—	A. Slight tremor.	
1399	" 15	12 21.0	—	—	—	to	
		13 17.0	—	—	—	" " "	
		15 49.0	—	—	—	A. Slight tremors.	
1400	" 17	11 53.0	—	—	—	A. Slight tremors.	
		12 42.0	—	—	—	—	
		16 15.0	—	—	—	A. Slight tremors.	
1401	" 18	7 55.0	—	—	—	to	
		8 55.0	—	—	—	—	
		9 15.0	—	—	—	—	
1402	" 20	12 0.0	12 25.0	0.2	0 45	A. Also at 15 58.	
		15 3.0	—	—	—	A. Slight tremors.	
1403	" 22	19 4.0	—	—	—	to	
		19 47.0	—	—	—	" " "	
		18 8.0	—	—	0.2	0 5	B. Also on C.
1404	" 24	3 47.0	3 58.0	0.5	0 30	C. Ate. on A.	
		—	—	—	—	B thickening 3 53.	

The Register from Shide, Newport, Isle of Wight, England—continued.

No.	Date	Commence-ment		Max.	Max. Ampli-tude	Dura-tion	Remarks
		H. M.	H. M.				
1405	June 25	18 2.6	18 59.6	0.7	2 20	A. B and C.	
		—	—	—	—	Time not marked.	
1406	" 27	23 2.2	23 58.2	0.5	2 0	A.	
		23 30.5	23 59.6	0.2	—	C. B slight thick.?	
1407	" 30	12 11.0	12 30.0	0.5	0 39	A. Also on B and C. Tremors 3 30 to 8 30.	

Register from National Physical Laboratory, Kew Observatory. Director, R. T. GLAZEBROOK, D.Sc., F.R.S.; Superintendent, C. CHREE, LL.D., F.R.S.; Observer, E. G. CONSTABLE.

No.	Date	Commence-ment		Max.	Max. Ampli-tude	Dura-tion	Remarks
		H. M.	H. M.				
1907.							
753	Jan. 2	12 35.6	13 37.8	—	2.0	3 15	Commencement somewhat indefinite.
754	" 4	5 35.7	6 41.7	—	2.8	2 55	—
755	" 8	6 14.8	6 36.0	—	0.6	0 47	—
756	" 10	6 26.7	—	—	0.2	0 5	—
757	" 14	21 5.4	21 23.9	—	0.75	0 51	—
758	Feb. 11	7 35.7	7 49.5	—	0.75	0 30	Seismic character doubtful.
759	" 24	8 13.7	8 16.0	—	0.4	0 23	—
760	Mar. 6	12 23.5	—	—	0.4	0 9	Seismic character doubtful.
761	" 20	18 40.9	18 43.0	—	0.6	0 8	—
762	" 29	21 5.0	21 18.5	—	0.4	1 2	Times a little approximate.
763	" 31	22 41.2	—	—	0.4	0 59	Masked by A. T's ill-defined.
764	April 12	18 6.5	—	—	0.4	0 15	Ill-defined.
765	" 15	6 20.2	7 0.4	—	15.0	3 36	Mexican earthquake.
766	" 18	21 24.0	22 4.5	—	3.0	1 30	—
767	" 19	0 21.0	1 4.1	—	1.7	1 26	—
768	" 19	15 8.0	—	—	0.2	0 10	Ill-defined.
769	May 4	9 28.5	—	—	—	0 12	Merely a thickening of trace.
770	" 7	5 40.0	—	—	—	0 10	" " " "
771	" 7	11 6.2	11 17.8	—	1.4	0 42	" " " "

Register from National Physical Laboratory, Kew Observatory—continued.

No.	Date	Commencement		Max.		Max. Amplitude		Duration	Remarks
		H.	M.	H.	M.	MM.	H. M.		
772	May 18	22	22.5	—	—	—	—	0 20	Merely a thickening of trace.
773	" 17	18	32.0	—	—	—	—	0 6	" " " "
774	" 20	10	33.5	—	—	—	—	0 6	" " " "
775	" 22	23	45.5	—	—	—	—	0 7	" " " "
776	" 25	12	45.8	12	55.2	0.5	0 37	—	" " " "
777	" 25	14	8.6	14	24.6	0.8	1 3	—	—
778	" 25	16	48.6	16	50.8	0.5	0 17	—	—
779	June 1	9	3.5	9	38.4	1.0	1 1	—	—
780	" 5	3	45.4	4	20.8	0.7	0 58	—	—
781	" 13	9	25.4	10	27.2	0.5	1 21	—	—
782	" 25	18	9.5	18	22.8	0.5	1 10	—	—
June 27-28. Out of action.									

Scale—November 9, 1906. Initial displacement of boom = 0°.56 of arc.
 March 13, 1907. " " " " " = 0°.55 " "
 June 28, 1907. " " " " " = 0°.56 " "

Register from Liverpool Observatory, Bidston. Director, W. E. PLUMMER.

No.	Date	Commencement		L. W. Commence		Max.		End		Max. Amplitude	Duration	Remarks
		H.	M.	H.	M.	H.	M.	MM.	H. M.			
1906												
914	Jan. 1	—	—	1 38.8	1 51.2	2 18.0	—	—	—	0.6	0 39	—
915	" 2	—	—	9 6.0	—	9 16.0	—	—	—	—	—	Small and doubtful.
916	" 2	12	3.0	12 32.5	13 25.5	16 42.7	4.5	4 40	—	—	—	—
917	" 4	—	—	5 31.7	6 28.8	9 12.0	6.3	3 37	—	—	—	—
918	" 5	—	—	12 44.6	—	12 54.0	—	—	—	—	—	Slight.
919	" 7	—	—	15 30.8	15 37.0	15 53.9	0.2	0 23	—	—	—	—
920	" 8	5	49.0	6 9.4	6 11.2	7 57.0	1.4	2 8	—	—	—	—
921	" 10	—	—	6 20.0	6 26.2	6 47.7	0.4	0 28	—	—	—	—
922	" 12	—	—	8 28.2	8 58.3	9 11.0	0.3	0 43	—	—	—	—
923	" 12	—	—	19 32.8	19 40.3	20 6.2	0.2	0 33	—	—	—	Mixed up with A.T.
924	" 14	20	40.7	20 47.2	21 20.8	—	0.7	—	—	—	—	End uncertain.
925	" 19	—	—	13 50.8	13 56.2	14 15.7	0.5	0 25	—	—	—	—
926	" 28	—	—	12 39.5	12 45.0	12 57.5	—	0 18	—	—	—	Small.
927	Feb. 2	—	—	—	—	9 16.0	—	0.4	—	—	—	At time of wind-ing.
928	" 3	—	—	20 8.5	20 43.0	—	—	—	—	—	—	End uncertain—bad trace.
929	" 14	—	—	17 47.0	17 52.5	18 5.3	—	0 18	—	—	—	Small.
930	" 16	—	—	22 38.7	22 43.0	23 28.5	0.2	0 50	—	—	—	—
931	" 17	—	—	8 11.5	8 19.6	8 40.2	0.3	0 29	—	—	—	—
932	" 17	—	—	19 7.5	19 12.0	19 30.6	0.2	0 23	—	—	—	—
933	" 24	—	—	8 4.5	8 20.0	8 53.2	0.6	0 44	—	—	—	—
934	" 27	—	—	10 36.0	—	10 47.0	—	—	—	—	—	—
935	March 5	—	—	18 3.2	18 12.0	18 36.7	0.2	0 34	—	—	—	—
936	" 13	—	—	1 38.0	1 44.3	1 52.7	—	0 15	—	—	—	Small.

Register from Liverpool Observatory, Bidston—continued.

No.	Date	Commencement		L. W. Commence		Max.		End		Max. Amplitude	Duration	Remarks
		H.	M.	H.	M.	H.	M.	MM.	H. M.			
937	Mar. 15	—	—	0 46.0	0 51.9	1 1.0	—	0.2	0 15	—	—	—
938	" 19	—	—	12 57.5	13 3.6	13 17.8	—	—	0 29	—	—	—
939	" 22	—	—	19 7.0	19 13.3	20 24.0	0.2	1 17	—	—	—	Much A.T.
940	" 26	—	—	11 42.7	11 45.4	12 26.5	—	0 44	—	—	—	Small.
941	" 27	—	—	1 9.0	1 14.1	1 47.4	0.3	0 38	—	—	—	—
942	" 31	—	—	14 35.9	14 39.7	14 46.8	—	0 11	—	—	—	—
943	" 31	—	—	16 14.8	16 23.0	16 44.2	—	0 29	—	—	—	—
944	" 31	—	—	22 32.0	22 41.6	23 53.0	1.5	1 21	—	—	—	—
945	April 10	—	—	9 58.7	10 5.5	10 12.0	—	0 13	—	—	—	—
946	" 13	—	—	18 12.0	18 18.3	18 32.7	0.2	0 21	—	—	—	—
947	" 15	—	—	6 18.2	6 58.5	10 37.0	4.7	4 19	—	—	—	—
948	" 18	21	21.5	21 45.0	21 53.8	23 29.7	3.2	2 8	—	—	—	—
949	" 19	0	15.0	0 33.7	0 47.5	2 33.0	2.4	2 18	—	—	—	—
950	" 19	—	—	15 34.0	15 40.6	15 50.8	0.3	0 26	—	—	—	Small.
951	" 20	—	—	—	—	—	—	—	—	—	—	—
952	" 25	—	—	4 54.2	4 58.0	—	—	—	—	—	—	—
953	" 27	—	—	19 43.1	20 4.5	20 22.0	—	0 39	—	—	—	Perhaps A.T.
954	May 3	—	—	21 36.8	21 30.0	21 43.0	0.2	0 16	—	—	—	—
955	" 4	—	—	7 4.2	7 7.8	8 11.0	0.3	1 7	—	—	—	—
956	" 7	—	—	5 33.4	5 46.0	6 12.2	0.3	0 36	—	—	—	—
957	" 7	10	45.7	11 4.7	11 13.1	12 2.0	1.8	1 16	—	—	—	Light, feeble.
958	" 8	—	—	9 28.0	9 34.7	9 49.0	—	0 21	—	—	—	Small.
959	" 9	—	—	—	23 30.0	—	—	—	—	—	—	Slight disturbance.
960	" 10	—	—	23 1.4	23 8.8	0 6.2	0.2	1 5	—	—	—	Light, feeble.
961	" 13	21	59.0	22 10.1	22 24.4	23 35.5	0.7	1 36	—	—	—	—
962	" 15	—	—	17 23.0	17 45.3	18 7.8	—	0 45	—	—	—	Small.
963	" 20	—	—	10 28.7	10 35.2	10 44.3	0.4	0 16	—	—	—	—
964	" 22	—	—	23 43.0	23 46.2	23 57.3	0.3	0 14	—	—	—	—
965	" 25	12	28.0	12 40.4	13 3.5	13 25.1	0.5	0 57	—	—	—	—
966	" 25	—	—	14 23.5	14 46.0	15 11.9	0.7	0 48	—	—	—	—
967	" 25	—	—	16 43.3	16 50.8	17 6.2	0.4	0 23	—	—	—	—
968	" 29	—	—	—	12 50.0	—	—	—	—	—	—	Rhythmical disturbance.
969	" 30	—	—	19 2.2	19 4.8	19 14.7	—	0 13	—	—	—	Small.
970	" 31	—	—	13 5.1	13 56.8	15 9.4	0.5	2 4	—	—	—	—
971	June 1	8	53.0	9 1.9	9 30.9	11 39.6	2.7	2 47	—	—	—	Perhaps end 12 25.
972	" 3	—	—	7 6.2	7 11.7	7 34.0	—	0 28	—	—	—	—
973	" 5	3	34.8	3 48.8	4 10.0	5 41.2	2.2	2 6	—	—	—	—
974	" 11	—	—	4 5.1	4 8.3	4 17.4	—	0 12	—	—	—	Small.
975	" 13	—	—	9 45.0	10 23.0	11 28.0	1.6	1 43	—	—	—	Possibly two mixed, end may be at 13hrs.
976	" 20	—	—	12 26.2	12 33.0	12 49.5	0.2	0 23	—	—	—	—
977	" 23	—	—	—	5 22.0	5 54.0	0.6	0 32	—	—	—	Slight.
978	" 24	—	—	0 55.1	1 1.1	1 20.3	0.2	0 25	—	—	—	—
979	" 24	—	—	4 34.0	4 38.2	4 50.5	—	0 17	—	—	—	Small.
980	" 25	—	—	2 37.2	2 41.6	3 10.5	0.3	0 33	—	—	—	—
981	" 25	—	—	18 17.3	18 55.2	19 56.0	1.4	1 39	—	—	—	—
982	" 25	—	—	20 13.5	20 18.2	20 31.7	—	0 18	—	—	—	Recrudescence.
983	" 26	—	—	3 59.1	4 7.6	4 33.8	0.4	0 37	—	—	—	—
984	" 26	—	—	18 7.2	18 13.5	18 27.2	0.3	0 20	—	—	—	—
985	" 27	—	—	23 33.8	23 56.2	0 58.8	0.6	1 25	—	—	—	—
986	" 30	—	—	11 21.3	11 25.4	12 37.0	0.2	0 16	—	—	—	—

Register from Royal Observatory, Edinburgh.
Director, F. W. DYSON, M.A., F.R.S.

No.	Date	Commencement	L.W. Commence	Max.	End	Max. Amplitude	Duration	Remarks
1907								
Jan. 1		H. M.	H. M.	H. M.	H. M.	MM.	H. M.	
" 2		1 48.0	—	2 1.5	2 13.5	0.3	0 25.5	—
" 2-3		12 24.5	13 23.5	13 29.0	15 46.0	1.5	3 21.5	Frequent strong A.T's.
		15 30.0	—	—	20 30.0	—	29 0.0	
" 4		5 36.5	6 21.5	6 25.0	8 25.5	4.0	2 49.0	—
" 8		6 16.5	—	6 26.5	7 9.0	0.5	0 52.5	—
" 12		8 31.5	—	8 45.0	8 48.0	0.2	0 16.5	—
" 14		21 5.5	—	21 24.0	22 2.0	0.5	0 56.5	—
" 19		13 50.0	—	13 55.0	14 19.5	0.2	0 29.5	—
" 28-29		—	—	—	—	—	—	Occasional small A.T's.
" 30-31		—	—	—	—	—	—	Frequent A.T's.
Feb. 9-10		—	—	—	—	—	—	Many strong A.T's.
" 16-22		—	—	—	—	—	—	Some = 0.5mm.
Mar. 29		21 9.0	—	21 17.5	22 15.5	0.3	1 0.5	—
" 31		22 37.5	—	22 32.5	23 33.0	1.0	0 55.5	—
April 15		6 20.0	6 54.5	7 1.5	9 41.0	10.5	3 21.0	—
" 18		21 25.0	21 56.0	21 58.5	23 2.5	2.5	1 37.5	—
" 19		0 15.0	0 54.0	0 57.5	1 47.0	2.7	1 32.0	—
May 4		9 1.0	—	9 37.8	9 57.0	0.2	0 36.0	—
" 7		11 8.0	—	11 16.0	11 47.5	0.7	0 39.5	—
" 13		22 4.5	—	22 20.5	22 29.0	0.2	0 24.5	—
" 25		12 52.0	—	12 57.8	13 20.0	0.3	0 28.0	—
" 25		14 20.0	14 24.7	14 29.2	15 23.0	0.6	1 3.0	—
" 25		16 44.0	—	16 48.0	16 55.0	0.2	0 11.0	—
" 31		13 23.5	—	13 25.2	14 50.5	0.4	1 27.0	—
June 1		8 53.0	9 27.3	9 39.0	11 2.0	0.8	2 9.0	—
" 5		3 43.0	4 10.0	4 20.0	4 54.5	0.7	1 11.5	—
" 13		9 44.2	—	10 25.5	10 59.5	0.7	1 15.3	—
" 24		—	—	11 29.0	11 31.5	0.2	0 2.5	Small tremor, begins abruptly.
" 25		3 46.5	—	—	4 18.0	—	—	Few slight tremors, perhaps A.T's.
" 25		18 14.9	—	19 7.5	19 31.5	0.5	1 16.6	18 23.5 = 0.5mm.
" 26		18 11.0	—	—	18 38.0	—	0 27.0	Perhaps A.T's.

1907, Jan. 19. 1° of footscrew = 3.6mm. on photographic roll.
May 1. " = 3.5mm. "
July 3. " = 3.2mm. "

Mean = 3.5mm.

∴ 1mm. amplitude = 0°546 tilt of pillar.

1907, Feb. 28. Period of pendulum = 15.3 secs.

Register from the Coats Observatory, Paisley.
Directors, THE OBSERVATORY COMMITTEE.

No.	Date	Commencement	L.W. Commence	Max.	End	Max. Amplitude	Duration	Remarks
1907								
375	Jan. 1	H. M.	H. M.	H. M.	H. M.	MM.	H. M.	Faint.
376	" 2	1 52.0	—	2 4.0	2 9.0	—	0 17.0	—
" 2	" 2	—	—	14 0.0	—	0.8	—	Tremors.
377	" 4	5 35.6	—	6 29.5	8 38.0	5.0	3 1.0	—
378	" 14	20 45.0	—	21 21.5	22 21.0	0.3	1 36.0	—
379	Mar. 31	—	—	22 40.0	—	—	—	Tremors.
380	April 15	6 20.7	—	7 1.5	9 43.0	6.0	3 22.0	—
381	" 18	—	—	23 0.3	—	3.0	—	Tremors.
" 19	" 19	—	—	0 56.0	—	2.0	—	—
382	May 4	—	—	9 1.0	—	—	—	Possible quake.
383	" 7	—	—	11 12.0	—	0.5	—	—
384	" 25	—	—	13 6.0	—	—	—	Thickening.
385	" 25	14 24.0	—	14 35.0	15 15.0	—	0 51.0	Times doubtful.
386	" 31	13 7.0	—	13 27.0	15 2.0	—	1 55.0	Slight.
387	June 1	8 53.5	—	9 44.5	11 25.0	0.5	2 32.0	—
388	" 5	3 33.0	—	4 18.0	5 41.0	0.4	2 8.0	—
389	" 13	9 38.0	—	9 49.0	11 4.0	0.5	8 26.0	—

Register from Frensham Hall, Haslemere, Surrey, England.
Observer, SAML. KEVAN.

No.	Date	Commencement	Max.	Max. Amplitude	Duration	Remarks
1906						
1	Dec. 17	H. M.	H. M.	MM.	H. M.	
2	" 19	7 57.40	7 58.30	1.5	0 5.0	Many tremors on these films, making it difficult to know where earthquakes commence or ends.
3	" 22	18 29.0	18 54.3	14.3	2 6.35	
4	" 23	7 44.0	7 54.0	1.2	0 36.0	
5	" 23	17 29.0	18 6.0	4.6	1 24.0	
6	" 26	6 10.37	6 17.44	1.8	0 58.0	
1907						
7	Jan. 1	1 42.0	1 53.15	1.2	0 30.43	—
8	" 2	13 2.30	14 38.0	5.0	1 48.0	—
9	" 4	5 44.0	6 33.0	6.1	2 38.0	—
10	" 10	6 24.2	6 26.3	1.1	0 7.0	—
11	" 14	20 57.4	21 16.0	1.3	1 12.3	Jamaica Eqke.
12	" 19	13 49.3	13 54.0	1.0	0 18.2	—
13	" 25	16 4.2	16 46.2	1.4	0 56.3	Boom unsteady to W.
14	Mar. 29	21 41.24	21 50.36	1.1	0 17.46	—
15	" 31	22 34.6	22 41.25	1.6	1 22.24	—

Register from Frensham Hall, Haslemere, Surrey, England—continued.

No.	Date	Commencement		Max.		Max. Amplitude	Duration	Remarks
		H.	M.	H.	M.			
16	April 12	10	19.40	10	20.15	1.0	0 5.0	—
17	" 15	6	20.42	7	3.42	13.5	4 7.50	—
18	" 18	21	18.10	22	4.10	6.0	2 3.0	—
19	" 19	0	15.4	0	57.4	3.0	1 14.12	—
20	" 24	14	57.10	14	59.15	1.0	0 7.0	—
21	May 7	11	6.12	11	12.36	5.5	0 26.58	—
22	" 25	14	20.36	14	24.12	1.5	0 43.29	—
23	" 25	16	42.48	16	47.36	1.0	0 13.6	—
24	June 1	9	2.48	9	34.10	3.0	0 2.12	—
25	" 1	10	44.50	10	50.12	1.0	0 14.5	—
26	" 5	3	44.5	4	13.55	2.9	1 10.18	—
27	" 13	9	46.34	10	27.0	1.5	1 2.1	—
28	" 25	18	19.27	18	57.0	1.6	1 22.13	Many Ats.

Boom period = 18 sec.

Register from the Observatorio de Marina de San Fernando, Spain.
Director, Capitán de Fragata TOMÁS DE AZCÁRATE.

No.	Date	Commencement	L.W. Commence	Max.	End	Total Duration	Max. Amplitude	Remarks
1907								
640	Jan. 1	1 13.7	1 36.5	1 39.9	1 47.2	1 4.3	2.15	—
641	" 2	0 6.9	—	—	—	0 21.5	—	Small movements.
642	" 2	11 16.2	12 19.0	12 24.4	12 33.4	12 56.3	3 49.3	—
643	" 3	Tremors after 23h. 4m. till earthquake	5 45.6	6 7.0	6 24.4	7 3.4	11 23.8	0.20
644	" 4	22 52.2	—	—	—	6 46.1	5.50	—
645	" 5	—	—	—	—	10 28.4	—	Small movements.
646	" 6	1 21.0	—	—	—	8 1.8	—	Very small movements.
647	" 7	15 23.0	15 25.5	15 28.0	15 31.1	0 52.6	1.25	—
648	" 8	5 26.3	6 6.6	6 10.7	6 12.7	3 53.2	2.10	—
649	" 10	6 27.7	6 29.9	6 31.2	6 31.9	0 13.4	0.75	—
650	" 12	6 8.7	—	—	—	4 14.3	0.50	Small movements.
651	" 14	20 58.9	21 0.8	21 7.9	21 9.6	1 3.7	0.75	—
652	" 15	18 9.6	—	—	—	0 2.7	0.40	Small movements.
653	" 16	4 8.8	—	—	—	4 1.2	—	Tremors.
654	" 17	4 44.8	—	—	—	4 36.5	—	—
655	" 19	6 9.3	—	—	—	3 53.3	—	—
656	" 19	13 58.6	13 58.6	14 0.1	14 7.7	0 25.5	0.80	—
657	" 20	3 21.0	—	—	—	6 59.0	—	Tremors.
658	" 24	19 24.7	—	—	—	1 31.9	—	—
659	" 27	4 42.5	—	—	—	4 37.3	—	—

Register from the Observatorio de Marina de San Fernando, Spain—continued.

No.	Date	Commencement	L.W. Commence	Max.	End	Total Duration	Max. Amplitude	Remarks
659	Jan. 27	18 10.6	—	—	—	—	16 20.6	Very small movements.
660	" 28	—	—	—	—	—	5 57.4	Tremors.
661	" 31	23 53.4	—	—	—	—	11 41.8	Tremors.
662	Feb. 1	23 7.4	—	—	—	—	11 46.9	Very small movements.
663	" 2	0 59.4	—	—	—	—	10 14.2	Small movements.
664	" 3	20 7.8	—	4 46.1	—	—	2 17.2	0.50
665	" 13	0 21.7	—	20 54.3	—	—	10 33.1	0.50
666	" 13	22 14.5	—	—	—	—	13 54.2	Tremors.
667	" 14	0 31.2	—	—	—	—	10 27.2	—
668	" 16	22 36.4	—	—	—	—	0 45.6	0.50
669	" 17	8 11.7	—	22 48.6	—	—	0 11.6	0.50
670	" 18	3 45.5	—	8 14.9	—	—	5 41.1	Tremors.
671	" 23	21 7.6	—	—	—	—	0 32.8	Very small movements.
672	" 24	2 17.3	8 4.4	8 5.9	8 8.3	7 30.2	1.00	—
673	" 27	22 56.0	—	—	—	—	10 25.1	Tremors.
674	" 29	23 30.6	—	—	—	—	8 40.4	—
675	Mar. 1	—	—	—	—	—	5 35.2	—
676	" 2	3 21.8	—	—	—	—	7 34.3	—
677	" 6	1 57.4	—	—	—	—	2 48.2	—
678	" 7	6 44.8	—	—	—	—	8 2.5	—
679	" 8	23 10.4	—	—	—	—	6 27.3	—
680	" 10	3 34.0	—	—	—	—	8 7.6	—
681	" 13	1 40.0	—	—	—	—	11 36.7	—
682	" 13	21 55.0	—	—	—	—	3 55.0	—
683	" 15	5 49.5	—	—	—	—	5 49.3	—
684	" 17	1 49.2	—	—	—	—	4 27.5	—
685	" 18	4 47.5	—	—	—	—	8 51.4	—
686	" 19	0 35.8	—	—	—	—	2 23.6	—
687	" 24	6 0.6	—	—	—	—	1 37.7	—
688	" 26	3 28.4	—	—	—	—	0 21.4	0.90
689	" 27	0 58.4	1 1.6	1 4.8	1 6.6	7 27.8	—	Tremors.
690	" 28	0 19.4	—	—	—	—	8 20.5	—
691	" 29	23 47.2	—	—	—	—	2 1.6	0.60
692	" 29	21 5.1	—	21 51.0	—	—	4 37.5	Tremors.
693	" 30	3 27.4	—	—	—	—	2 28.3	Very small movements.
694	" 31	14 35.1	—	—	—	—	1 37.5	1.20
695	April 1	22 31.3	22 41.9	22 43.3	22 46.1	—	—	Tremors.
696	" 1	3 0.6	—	—	—	—	7 58.0	—
697	" 2	1 22.0	—	—	—	—	7 18.5	—
698	" 8	3 30.1	—	—	—	—	5 2.6	—
699	" 9	3 16.0	—	—	—	—	1 26.0	—
700	" 10	5 56.1	—	—	—	—	0 3.9	0.45
701	" 10	15 23.7	—	15 24.3	—	—	1 49.7	Small movements.
702	" 11	5 35.3	—	—	—	—	4 36.5	Tremors.
703	" 12	4 20.1	—	—	—	—	—	—
704	" 13	22 9.9	—	—	—	—	10 36.8	—
705	" 14	—	—	—	—	—	—	—
706	" 15	6 20.0	6 31.1	6 44.8	6 49.5	7 50.0	4 40.7	10.3
707	" 16	0 33.3	—	—	—	—	—	12.8
708	" 16	17 20.0	—	—	—	—	—	17.0
709	" 17	—	—	—	—	—	—	>17.3
710	" 18	0 58.8	—	—	—	—	—	8.3
711	" 18	21 26.2	21 57.9	22 1.7	22 12.0	—	—	Mexican earthquake.
712	" 19	0 18.4	0 50.6	0 54.6	1 7.7	—	—	—
713	" 19	15 38.6	—	—	—	—	—	Tremors till Sh. 0.8m.
714	" 21	2 16.1	—	—	—	—	—	0.40
715	" 21	2 16.1	—	—	—	—	—	Small movements.
716	" 22	1 41.4	—	—	—	—	—	Tremors.

Register from the Observatorio de Marina de San Fernando, Spain—continued.

No.	Date	Commencement	L. W. Commence			Total Duration	Max. Amplitude	Remarks	
			H. M.	H. M.	H. M.				
	April 22		H. M.	H. M.	H. M.	H. M.	MM.		
713	" 23		21 38.9	—	—	9 10.1	—	Tremors.	
714	" 24		0 19.6	—	—	6 46.8	—	"	
715	" 25		3 12.4	—	—	5 13.7	—	"	
716	" 26		2 47.1	—	—	4 39.4	—	"	
717	" 28		0 32.1	—	—	9 41.9	—	"	
718	" 29		2 13.3	—	—	5 1.7	—	"	
719	" 30		0 34.8	—	—	7 18.0	—	"	
720	May 1		1 1.4	—	—	6 53.1	—	"	
721	" 2		1 26.4	—	—	6 35.5	—	"	
722	" 7		11 13.1	11 19.2	11 20.4	11 31.9	2:20	—	
723	" 13		2 11.5	—	—	5 1.7	—	Tremors.	
724	" 17		15 7.4	—	—	5 50.0	—	"	
725	" 22		23 43.8	—	23 50.6	—	0:35	Small movements.	
726	" 23		21 38.9	—	21 39.0	—	0:42	—	
727	" 24		3 5.5	—	—	5 12.8	—	Tremors.	
728	" 25		12 11.2	12 11.5	12 16.3	—	1:40	—	
	" 25		12 56.4	12 58.2	13 5.4	13 9.5	0:23.1	0:49	—
	" 25		11 21.9	14 30.2	14 32.1	14 54.9	2:49.8	0:90	—
729	" 26		15 53.8	15 53.8	—	—	0:3.7	0:40	Small movements.
730	" 28		4 41.7	—	—	3 19.4	—	—	Tremors.
731	" 29		2 29.5	—	—	4 39.0	—	—	"
732	" 31		13 9.9	14 23.1	14 23.6	14 25.2	2 0.5	0:60	—
733	June 1		8 53.2	9 53.7	9 53.5	9 39.8	3 14.6	1:06	—
734	" 10		5 2.7	5 2.7	5 2.7	5 7.5	—	1:06	—
735	" 13		1 31.8	—	—	7 2.1	—	—	Tremors.
736	" 13		9 43.3	9 47.9	9 49.3	9 57.1	0 35.2	0:35	—
737	" 23		10 35.2	—	—	10 36.6	—	0:45	—
738	" 24		16 37.4	16 37.4	16 39.4	16 43.8	—	0:60	—
739	" 25		3 52.4	—	—	3 57.8	—	0:26.1	—
740	" 25		18 19.7	18 24.6	18 26.7	18 37.4	—	0:55	—
741	" 26		1 16.5	—	—	1 11.1	—	0:55	—
742	" 26		18 17.4	—	18 20.9	—	—	0:45	—
743	" 27		23 46.8	23 51.7	23 56.5	23 59.9	—	1:99	—
744	" 28		—	0 15.5	0 19.3	—	—	0:42.6	—
744	" 30		5 0.1	—	—	8 17.0	—	2:00	Tremors.

Imm. = 0° 25. Period = 20s.

Register from the University, Valetta, Malta.
Officer in charge, C. LEACH.

No.	Date	Commencement	Max.	Duration	Amplitude	Remarks
1907.						
1	Jan. 1	H. M. 12 29.0	H. M. 12 45.5	H. M. 0 33.0	0.3	Slight.
2	" 2	12 15.0	13 50.2	1 57.0	3.0	P.T. doubtful.
3	" 4	5 34.5	6 22.0	1 36.0	6.5	—
4	" 4	15 17.5	15 31.5	0 34.5	1.5	—
5	" 5	6 12.0	6 47.2	1 58.0	0.3	—
6	" 8	5 44.0	6 40.0	?	1.0	End lost in changing paper.

Register from the University, Valetta, Malta—continued.

No.	Date	Commencement	Max.			Duration	Amplitude	Remarks
			H. M.	H. M.	H. M.			
7	Jan. 10	H. M. 6 28.0	H. M. 6 36.2	H. M. 3 29.5	MM. 0.3	—	—	
8	" 12	8 4.5	8 55.7	1 9.0	0.3	—	—	
9	" 14	20 39.2	21 24.3	1 58.7	0.5	Jamaica eqke.	—	
10	" 15	17 54.5	18 4.5	0 27.5	0.3	—	—	
11	" 18	7 57.0	9 48.7	3 36.0	0.3	—	—	
12	" 19	23 46.0	24 30.5	2 37.5	0.2	—	—	
13	" 21	11 7.5	11 54.5	2 2.0	0.3	—	—	
14	" 23	9 13.5	9 26.5	0 15.5	0.2	—	—	
15	" 24	10 0.0	10 28.0	?	0.3	—	—	
16	" 26	11 23.2	11 27.0	0 16.5	0.3	—	—	
17	" 27	12 38.5	12 48.0	0 47.3	0.2	—	—	
18	Feb. 2	9 8.5	9 12.0	9 13.7	0.3	—	—	
19	" 3	19 59.0	20 18.0	1 59.5	0.2	—	—	
20	" 5	8 56.0	9 36.0	0 44.5	0.3	—	—	
21	" 10	15 3.5	15 18.2	0 22.5	0.3	—	—	
22	" 15	9 13.2	9 28.5	0 26.3	0.5	—	—	
23	" 19	10 28.0	10 32.7	0 14.7	0.3	—	—	
24	" 21	7 59.5	?	4 50.5	0.2	Continuous.	—	
25	" 23	21 20.0	21 26.0	0 20.0	0.3	—	—	
26	" 24	7 52.0	8 13.5	0 48.0	0.3	—	—	
27	" 25	7 51.7	—	2 33.3	—	Continuous tremors.	—	
28	" 26	4 55.5	5 0.0	1 3.5	0.2	—	—	

No.	Date	Commencement	L. W. Commence			End	Duration	Amplitude	Remarks
			H. M.	H. M.	H. M.				
29	March 1	H. M. 9 13.5	H. M. 9 33.2	H. M. 10 35.7	H. M. 1 20.2	MM. 0.2	Tremors.		
30	" 2	1 33.0	2 30.7	—	?	?	Continuous T.		
31	" 4	19 21.5	—	—	10 0.0	0.2	Very small T.		
32	" 6	9 23.0	9 31.5	—	11 39.7	2 16.7	—		
33	" 7	10 24.0	—	—	12 37.7	2 16.7	—		
34	" 9	5 49.0	6 13.3	—	6 23.7	0 34.7	0.3		
35	" 9	22 59.5	—	—	10 55.10th	—	0.3		
36	" 11	15 15.0	—	—	15 21.0	4 0.0	0.3		
37	" 15	16 38.0	—	—	21 25.0	4 47.0	—		
38	" 17	0 34.9	—	—	3 31.0	2 57.0	—		
39	" 27	1 4.7	1 10.0	—	1 32.0	0 27.3	0.7		
40	" 29	20 58.0	—	—	21 13.0	—	0.5		
41	" 31	22 39.5	—	—	23 55.0	1 24.5	1.2		
42	April 11	7 51.0	—	—	13 34.7	5 43.7	—		
43	" 15	?	8 30.?	—	10 14.4	?	5.0		
44	" 16	11 12.0	—	—	12 37.5	—	—		
45	" 19	15 47.0	—	—	16 7.0	5 56.0	0.3		
46	" 22	17 20.0	—	—	17 36.5	0 20.0	0.3		
47	" 25	11 28.0	—	—	?	9 19.2	0.75		
48	" 29	8 3.5	—	—	14 36.0	3 0.8	—		
49	May 4	9 3.5	—	—	14 7.2	6 3.7	—		
50	" 7	10 26.0	—	—	9 40.5	1 7.0	0.3		
51	" 12	8 30.5	—	—	11 21.7	1 25.0	0.5		
52	" 13	8 27.5	—	—	9 57.0	1 26.5	0.3		
53	" 13	21 43.0	—	—	?	?	0.5		
54	" 13	21 43.0	—	—	22 41.0	23 34.0	1 51.0		
55	" 22	9 27.2	—	—	22 56.5	—	0.5		
55	" 22	23 48.0	—	—	?	9 44.0	0 16.8		
56	" 25	12 18.0	—	—	?	24 8.2	0 20.2		
						13 38.5	1 20.5		

Register from the University, Valetta, Malta—continued.

No.	Date	Commencement	L.W. Commencement	Max.	L.W. End	End	Duration	Amplitude	Remarks	
57	May 25	H. M. 14 18.2	H. M. 14 30.0	H. M. 14 36.0	H. M. 14 44.5	H. M. 15 48.0	1 31.8	MM. 2.0	Distinct.	
58	June 1	30-31st—Workmen in room.	8 52.3	9 36.2	10 42.0	9 48.0	11 22.0	2 29.7	2.5 0.75	Good record.
59	" 5	3 7.0	4 17.2	4 28.4	4 30.0	6 6.0	2 59.0	1.5	0.5	Distinct.
60	" 10	3 8.2	—	3 12.5	—	3 14.0	0 6.8	0.5	0.3	Tremors.
61	" 24	3 54.0	—	4 7.2	—	—	—	—	—	—
62	" 25	18 12.0	18 21.2	18 25.0	18 31.2	19 30.0	1 18.0	2.0	—	Distinct.

Period = 20secs. 1° = 5mm. 1mm. = .38%.

Register from the Royal Observatory, Cape of Good Hope, South Africa.
Director, S. S. Hough, M.A., F.R.S.

No.	Date	Commencement	L.W. Commencement	Max.	End	Max. Amplitude	Duration	Remarks
1907.								
401	Jan. 1	H. M. 0 40.0	H. M. 13 2.5	H. M. 13 5.5	H. M. 15 27.0	MM. 2.6	H. M. 3 8.0	Vibrations.
402	" 2	12 19.0	13 2.5	13 5.5	15 27.0	2.6	3 8.0	—
403	" 4	5 32.2	5 42.4	6 1.4	9 3.0	6.8	3 30.8	Instrument disturbed for winding at 7h.59m.
404	" 5	0 18.0	—	—	0 29.0	—	0 11.0	Slight vibrations.
405	" 7	—	—	11 5.0	—	—	—	Slight change of level.
406	" 8	5 25.0	5 36.0	5 37.0	6 30.0	2.8	1 5.0	—
407	" 11	21 33.0	—	—	21 52.0	—	0 19.0	Slight vibrations.
408	Feb. 2	9 44.0	—	—	9 49.0	—	0 5.0	"
409	" 3	20 5.0	—	—	21 10.0	—	1 5.0	"
410	" 24	7 18.0	7 22.0	7 23.0	7 42.0	2.5	0 24.0	"
411	Mar. 27	0 27.0	—	—	0 34.0	0.5	0 23.0	—
412	" 29	21 10.0	—	—	21 57.0	—	0 47.0	Vibrations.
413	" 31	14 57.0	—	—	14 59.0	—	0 2.0	Thickening.
414	" 31	22 39.0	—	—	23 37.0	0.6	0 58.0	—
415	April 4	—	—	0 56.0	—	—	—	Thickening of trace
416	" 15	6 20.0	7 10.0	7 13.5	9 28.0	6.5	2 59.0	—
417	" 18	21 26.0	—	—	22 3.0	0.7	2 15.0	—
418	" 19	0 19.0	0 58.0	1 2.0	2 21.0	1.4	2 2.0	—
419	May 1	12 30.0	—	—	18 0.0	—	5 30.0	Tremors.
420	" 4	6 48.0	—	—	7 24.0	—	0 36.0	Vibrations.
421	" 13	21 58.0	—	—	22 9.0	0.5	0 14.5	—
422	" 13	—	—	—	23 22.0	—	—	Thickening.
423	June 1	9 4.7	9 34.7	9 35.5	10 23.0	2.8	1 18.3	Followed by a long series of tremors.
424	" 5	3 46.0	4 15.0	4 17.0	5 2.0	3.5	1 16.0	—
425	" 13	9 29.3	9 56.0	10 1.5	10 46.0	1.4	1 16.7	—
426	" 18	20 30.0	—	—	June 19th 2 0.0	—	—	Tremors.
427	" 20	12 32.0	—	—	—	—	—	Thickening.
428	" 24	16 37.3	—	—	16 37.8	1.2	0 13.2	—
429	" 25	18 19.7	—	—	18 59.3	0.5	1 0.3	—
430	" 27	23 32.0	—	—	June 28th 0 17.0	—	0 45.0	Slight vibrations.

January 1mm. Boom motion 0°32. Boom period 20 secs.
 February " " 0°41. " " 19.3 secs.
 March " " 0°27. " " 22 secs.
 April " " 0°56. " " 20 secs.
 May " " 0°32. " " 21 secs.
 June " " 0°36. " " 20.3 secs.
 Boom was displaced from March 25th, 10h.53.0m., to March 26th, 8h.0.0m.

Register from Ponta Delgada, St. Miguel, Azores.
Director, Lieutenant-Colonel F. A. CHAVES.

No.	Date	Commencement	Max.	Semi-Amplitude	Duration	Remarks
1907						
212	Jan. 2	H. M. 12 15.3	H. M. 12 22.9	MM. 0.7	H. M. 1 48.0	I. of Mercalli's scale.
214	" 4	5 38.3	6 4.1	0.75	2 29.6	I. idem
218	Feb. 14	20 47.5	—	—	1 9.5	I. idem
221	Mar. 5	17 41.4	—	—	0 14.1	I. idem
222	" 13	9 1.5	—	—	0 20.3	I. idem
223	" 25	18 22.4	—	—	0 5.0	I. idem
224	" 26	14 33.8	—	—	0 2.0	II. idem
	" 26	19 30.8	19 30.8	1.8	0 5.1	III. idem
	" 29	10 10.6	—	—	0 0.1	II. idem
	" 29	21 7.1	—	—	0 57.0	II. idem
	" 31	22 19.6	—	—	0 46.8	I. idem
	April 1	—	—	—	—	II. idem in all the Island at 23h.59m.
226	" 15	6 19.5	6 44.8	3.6	2 3.6	I. idem Thickening of line.
227	" 17	14 30.2	—	—	0 2.9	I. idem
	" 28	—	—	—	—	II. idem in all the Island at 6h.35m.
231	May 20	10 22.0	10 23.1	0.9	0 37.6	I. idem Thickening of line.
	" 29	—	—	—	—	Several earthquakes in all the Island from III. to VI. of Mercalli's scale during these two days.
	" 30	—	—	—	—	—
233	" 30	10 25.5	—	—	0 2.0	II. of Mercalli's scale.
	" 31	13 2.8	13 7.0	0.7	0 21.2	I. idem
	June 1	8 18.7	—	—	1 21.7	I. idem
234	" 5	3 31.5	—	—	0 54.5	I. idem
235	" 13	9 36.5	9 42.0	1.2	0 42.5	I. idem
237	" 25	18 17.5	18 19.0	0.4	0 42.5	I. idem
	" 26	3 51.0	3 52.0	0.6	0 18.5	I. idem
	Register	lost from 2h.20m. on June 29th to 10h.4m. on July 1st.	—	—	—	—

Register from Alipore Observatory, Calcutta.
G. W. KÜCHLER, Assistant Meteorological Reporter.

No.	Date	Com- mence- ment	L.W. Commence	Max.	End	Max. Ampli- tude	Duration	Remarks
1907								
477	Jan. 2	H. M. 12 12.3 H. M. 12 59.1 H. M. 13 1.1 H. M. 13 38.7				MM. 2.00 H. M. 3 26.4		As the watch which marks the time is under repair, the commencement, maximum and end, so far as can be determined, are given.
478	Jan. 4	5 25.4	—	—	9 4.5	—	3 39.1	As the bottom moved throughout the breadth of the trace several times, the times of maximum and amplitude cannot be determined.
479	Jan. 4	10 2.1	10 9.2	10 17.4	10 34.7	1.25	0 32.6	
480	" 5	23 49.9	23 56.5	0 1.1	0 29.6	1.75	0 39.7	
481	" 8	6 3.0	6 23.3	?	7 49.9	?	1 46.9	
After 6.30 G.M.T. of 8th January, 1907, the instrument was interfered with for taking away the watch to have it rated, so the times of maximum and its amplitude cannot be determined.								
482	Jan. 10	5 46.4	5 58.6	6 0.1	6 13.8	0.75	0 27.4	
483	" 12	8 34.7	8 36.7	8 41.8	8 49.6	0.75	0 15.2	
484	" 14	20 23.2	22 0.8	22 6.4	22 30.3	0.50	2 7.1	Thickening of line.
485	" 31	18 49.6	—	—	19 41.4	—	0 51.8	
486	Feb. 3	19 49.1	19 57.3	19 57.8	20 47.6	1.00	0 58.5	Thickening of line.
487	" 24	8 2.0	—	—	8 44.7	—	0 42.7	
488	Mar. 19	22 4.5	22 20.3	22 32.5	22 52.8	0.50	0 46.3	
489	" 29	20 52.2	—	—	21 2.9	4.25	1 7.0	
490	" 31	22 15.6	22 24.3	22 33.4	23 45.3	1.25	1 29.7	
491	April 12	18 39.4	18 52.7	18 57.7	19 59.4	0.75	1 20.0	
492	" 13	18 3.2	18 6.3	18 7.8	18 20.0	0.50	0 16.8	
493	" 15	6 30.7	6 46.4	7 39.9	10 4.9	4.50	3 24.2	
494	" 18	21 6.7	21 12.3	21 23.5	22 58.0	4.50	1 51.3	
495	" 18	23 58.1	19/4/07 0 5.8	0 17.5	2 47.7	4.75	2 49.6	
* The displacement ended in themorning tremors, so the end cannot be accurately determined.								
496	April 26	19 18.2	19 28.4	19 32.4	19 52.8	1.00	0 34.6	
497	May 1	8 48.4	9 20.9	9 30.6	10 0.1	0.75	1 11.7	
498	" 3	20 53.9	—	20 58.5	21 5.1	0.50	0 11.2	
499	" 4	6 9.9	—	6 16.0	6 55.7	0.50	0 45.8	
500	" 4	8 47.4	—	8 57.0	9 30.9	0.50	0 52.5	
501	" 7	5 8.6	—	5 16.6	5 22.4	0.50	0 13.8	
502	" 7	10 24.5	10 38.3	10 39.8	11 18.4	2.75	0 53.9	
503	" 10	6 39.7	6 46.3	6 49.9	7 18.4	0.75	0 38.7	
504	" 13	21 22.2	—	—	22 10.4	—	0 48.2	Thickening of line.
505	" 15	22 24.6	—	22 27.6	22 48.5	1.00	0 23.9	
506	" 25	11 57.4	12 6.1	12 18.8	13 7.2	3.00	1 9.8	
507	" 25	14 10.8	14 17.9	14 21.4	15 31.7	2.00	1 20.9	
508	" 25	16 2.3	16 11.5	16 12.5	16 33.3	1.75	0 39.0	
509	" 31	12 33.8	13 6.9	13 15.6	14 6.0	0.75	1 32.2	
510	June 1	8 57.8	10 29.3	10 34.4	11 41.6	1.25	2 43.8	
511	" 1	23 1.2	—	23 3.3	23 29.8	1.00	0 38.0	
512	" 5	3 59.5	5 9.1	—	6 2.1	1.00	2 2.8	
513	" 8	11 13.5	—	—	11 29.7	—	0 16.2	Thickening of line.
514	" 13	9 13.8	—	9 52.5	11 39.8	0.50	2 26.0	
515	" 25	18 3.0	—	18 22.4	19 31.6	5.00	1 28.6	
516	" 26	17 37.1	—	—	18 22.9	—	0 45.8	Thickening of line.
517	" 27	22 56.8	—	—	23 55.4	—	0 58.6	
518	" 30	11 52.8	—	—	12 10.1	—	0 17.4	

Sensibility throughout 1mm. = 0°.38 of tilt.

Register from the Observatory at the Technical College, Colombo, Ceylon.
Superintendent, E. HUMAN. Observer, E. F. VAN DORT.

No.	Date	Com- mence- ment	Duration of P.T.	Max.	Ampli- tude	End	Remarks
1906							
1	Jan. 31	H. M. S. 15 31 0 H. M. S. 0 15 0 H. M. S. 17 17 0			MM. 14.0	H. M. S. 18 30 0	Origin of disturbance, Colombia, South America.
2	Feb. 19	2 51 0	0 6 0	3 5 0	0.75	3 23 0	—
3	Mar. 17	10 54 0	0 9 0	11 9 0	1.5	11 25 0	—
4	" 20	3 54 0	0 2 0	3 59 0	1.0	4 10 0	Times of commencement given uncertain.
5	" 21	23 36 0	0 19 0	23 56 0	0.6	0 3 0	Origin of disturbance near Simla, Northern India.
6	Apr. 13	19 27 0	0 10 0	19 41 0	1.0	19 56 0	—
7	" 18	13 28 0	0 18 0	14 33 0	0.75	16 32 0	Origin of disturbance, San Francisco.
8	" 28	?	—	—	—	6 47 0	The commencement has not been recorded, as the lamp was being trimmed at the time.
9	May 18	5 51 0	?	?	0.4	7 16 0	—
10	June 1	4 36 0	?	?	0.5	5 43 0	—
11	" 10	20 28 0	0 2 0	20 31 0	0.5	20 36 0	—
12	" 24	10 58 0	0 6 30	11 16 0	1.0	11 44 0	—
13	July 27	4 23 30	0 6 0	4 32 20	0.28	4 55 30	—
14	Aug. 25	14 22 18	0 7 0	14 19 18	3.5	15 35 15	The instrument was not working from August 14 to August 24.
15	" 25	12 13 30	0 8 0	12 23 30	0.75	12 47 30	—
16	" 26	9 43 3	0 1 0	9 46 3	0.21	9 52 3	—
17	" 30	6 18 3	0 9 0	6 33 3	1.0	7 39 33	—
18	" 30	8 0 13	1 2 0	8 13 33	1.5	4 48 33	Chile.
19	" 31	15 3 13	0 10 0	15 16 43	1.25	15 21 3	—
20	Sept. 7	20 10 15	0 15 0	20 36 15	1.75	22 3 45	—
21	" 14	14 30 55	0 4 0	14 39 53	0.52	14 46 43	—
22	" 14	16 15 23	0 8 0	16 56 23	2.9	19 11 33	—
23	" 28	—	—	—	—	—	Air tremors.
24	" 30	—	—	—	—	—	—
25	Oct. 2	2 4 27	0 30 0	2 50 17	1.0	4 59 27	—
26	" 2	14 5 17	0 27 45	14 50 17	0.5	17 1 47	—
27	" 6	12 47 53	0 0 30	12 49 38	0.62	13 5 33	—
28	" 9	23 11 31	0 13 0	23 27 31	0.62	0 6 26	(End, October 10.)
29	" 10	11 21 31	0 12 0	11 37 31	0.75	12 16 26	—
30	" 12	19 32 36	0 1 45	19 34 56	0.40	19 52 21	—
31	" 15	14 29 49	0 2 30	14 23 29	0.25	14 26 49	—
32	" 15	—	—	—	—	—	Air tremors.
33	" 16	—	—	—	—	—	—
34	" 16	—	—	—	—	—	—
35	" 17	9 44 52	0 14 20	10 4 4	0.93	10 56 2	—
36	" 17	—	—	—	—	—	Air tremors.
37	" 21	15 30 15	0 6 0	15 1 15	7.5	16 5 45	—
38	" 28	15 59 33	0 1 15	16 6 3	0.5	16 30 25	—
39	" 29	0 33 40	—	0 34 10	0.5	0 42 35	—
40	" 31	2 29 50	0 1 0	2 30 50	0.4	2 36 0	—
41	Nov. 6	—	—	—	—	—	Air tremors.
42	" 6	—	—	—	—	—	—
43	" 12	16 54 10	—	16 54 55	0.45	17 3 30	—
44	" 14	18 4 0	0 11 10	18 44 0	0.9	19 13 30	—
45	" 19	7 37 27	0 6 30	7 55 27	7.0	9 31 27	—
46	" 24	—	—	—	—	—	Air tremors.
47	" 28	10 1 10	—	11 8 10	0.5	11 27 40	—
48	Dec. 2	—	—	—	—	—	Air tremors.
49	" 9	19 3 23	—	19 4 53	0.5	19 7 48	—
50	" 13	—	—	—	—	—	Air tremors.
51	" 13	12 58 53	—	13 0 33	0.5	13 3 43	—
52	" 19	—	—	—	—	—	Air tremors.
53	" 20	—	—	—	—	—	—
54	" 22	18 25 29	0 7 20	18 42 19	11.5	22 52 9	—
55	" 23	17 42 49	0 34 30	18 25 4	2.5	19 52 19	—
56	" 26	6 10 9	1 0 0	7 8 59	1.4	7 49 9	—
57	" 27	—	—	—	—	—	—
58	" 29	15 5 44	0 3 0	15 11 44	0.75	17 26 44	Air tremors.

Register from the Government Observatory, Bombay.
Director, N. A. F. MOOS.

No.	Date	Commencement	L.W. Commencement	Max.	End	Max. Amplitude	Duration	Remarks
1907.								
3	Jan. 1	H. M. 0 54.3	H. M. —	H. M. 1 1.9	H. M. 1 49.0	MM. 0.6	H. M. 0 54.5	—
14	" 2	12 23.6	—	13 14.0	—	1.8	—	End lost in shifting time.
24	" 4	5 25.5	—	—	8 44.5	—	3 19.0	As the traces over-ly max. amplitude cannot be found out.
46	" 8	5 48.2	—	6 20.1	7 7.2	0.5	1 19.0	—
60	" 12	8 58.6	—	8 47.5	9 8.9	0.4	0 30.3	—
77	" 19	15 42.8	—	13 45.3	14 6.4	0.5	0 25.0	—
139	Feb. 9	4 48.9	—	4 50.6	5 4.8	0.5	0 15.9	—
153	" 21	7 53.4	—	8 2.5	8 35.2	0.5	0 39.8	—
229	Mar. 29	20 54.6	—	21 15.8	21 51.1	1.0	0 56.5	—
232	" 31	22 19.6	—	22 20.3	23 22.4	1.2	1 2.5	—
261	April 15	6 28.6	—	7 43.5	9 11.4	7.0	2 42.8	—
271	" 18	21 15.0	—	21 30.3	22 54.7	3.5	1 38.8	—
272	" 19	0 8.5	—	0 24.9	1 32.4	3.0	1 23.9	—
287	" 26	19 17.2	—	19 27.1	19 37.3	0.3	0 20.1	—
300	May 4	8 49.3	—	9 17.7	9 33.1	0.5	0 43.8	—
307	" 7	10 46.1	—	10 50.1	—	0.5	—	End lost in tremor.
328	" 25	12 6.4	—	12 23.5	13 11.0	0.5	1 4.6	—
329	" 25	14 20.4	—	14 37.4	15 12.3	0.6	0 51.9	—
331	June 1	9 57.1	—	10 15.0	11 0.6	1.2	1 3.5	—
340	" 5	4 32.6	—	5 2.7	5 37.6	1.0	1 5.0	—
348	" 10	19 2.5	—	19 33.3	19 58.3	0.7	0 55.8	—
383	" 25	15 1.7	—	18 16.8	19 7.2	1.3	1 5.5	—

Between 1st January and 18th June, 1907, 1.0mm. of amplitude = 0°37'; and between 19th June and 30th June, 1907, 1.0mm. of amplitude = 0°42'.

Where no distinction of P.T. or L.W. can be made, the commencement of disturbance is entered in column of "Commencement."

Register from the Solar Physics Observatory, Kodaikānal, Madras.
Acting Director, J. EVERSIED.

No.	Date	Commencement	L.W. Commencement	Max.	End	Max. Amplitude	Duration	Remarks
1907								
1	Jan. 2	H. M. 12 15.8	H. M. 12 24.9	H. M. 12 36.4	H. M. 13 30	MM. 0.6=0.3	H. M. 1 34	—
2	" 4	No P.T.'s	5 23.8	5 30.2	8 31	—	3 10	—
Several very large maxima, reaching to at least 25mm., largest uncertain. Sheet changed at 6h.46m. (G.M.T.)								
3	" 4	9 15.5	10 5.9	10 9.0	10 35	0.6 0.3	0 41	—
4	" 8	5 40.9	6 3.8	6 12.0	7 7	0.7 0.3	1 26	—
5	Feb. 3	No P.T.'s	19 56.7	19 57.7	20 37	0.4 0.2	0 46	—
6	Mar. 29	20 53.6	21 3.1	21 4.1	21 57	1.0 0.54	1 03	13th.
7	" 31	No P.T.'s	22 24.2	22 25.2	23 13	0.6 0.27	0 48	—

Register from the Solar Physics Observatory, Kodaikānal, Madras—continued.

No.	Date	Commencement	L.W. Commencement	Max.	End	Max. Amplitude	Duration	Remarks
8	April 13	H. M. No P.T.'s	H. M. 18 48.9	H. M. 18 51.0	H. M. 19 54	MM. 0.6=0.27	H. M. 1 05	—
9	" 15	6 30.0	7 32.9	7 42.1	8 28	2.1 1.14	1 58	Mexico.
10	" 18	21 09.0	21 26.9	21 32.6	22 23	1.6 0.77	1 14	—
11	" 19	0 0.8	0 20.2	0 52.3	1 25	1.95 0.94	1 24	—
12	" 26	19 18.6	19 21.1	19 25.8	19 40	0.75 0.32	0 22	—
13	May 25	12 0.2	12 24.3	12 25.4	12 41	0.25 0.12	0 41	—
14	" 25	14 18.2	14 29.0	14 29.5	14 48	0.50 0.24	0 30	—
There were some very small tremors on 10h.30m., and also on June 24—								
15	June 25	18 2.5	18 9.6	18 10.2	18 59	1.5 0.68	0 57	May 31 at maximum at 13h.12m. June 1 from 10h. to at 16h.36m. (G.M.T.)

Register from the Royal Magnetical and Meteorological Observatory, Batavia.
Director, W. VAN BEMMELLEN.

No.	Date	Commencement	L.W. Commencement	Max. Amplitude Double	Duration	Remarks
1907.						
976	Jan. 1	H. M. 2<0 38.3	H. M. —	MM. 1.1	H. M. 45 51?	No record, 0h.32-9m. to 38.3m. No record, January 3 to 17.
977	" 19	—	13 46.4	0.9	0 13	—
978	" 23	—	8 13.6	0.5	0 12	—
979	" 23	—	17 17.3	0.4	0 6	—
980	" 25	—	17 22.7	0.4	0 7	—
981	Feb. 3	6 16.5	6 20.8	3.0	0 32	—
982	" 10	—	17 56.5	16.0	0 8	—
983	" 26	15 37.0	15 37.5	8.0	0 14	—
984	Mar. 3	—	17 28.5	0.7	0 15	—
985	" 7	—	0 55.5	0.6	0 4	—
986	" 19	19 32.4	19 40.4	1.6	0 17	—
987	" 19	22 7.9	22 15.0	4.0	0 30	—
988	" 22	—	14 25.8	6.5	0 11	—
989	" 31	22 11.7	22 21.4	3.0	0 14	Time uncertain. No record, April 4 to 26.
990	May 4	—	5 58.0	1.0	1 0	—
991	" 4	—	8 45.1	1.0	0 50	—
992	" 6	18 57.7	—	—	—	—
993	" 7	19 1.8	19 4.4	1.2	0 45	—
994	" 10	6 38.7	6 50.9	1.1	0 30	—
995	" 12	—	7 53.2	0.5	0 13	—
996	" 13	—	21 9.6	1.2	0 50	—
997	" 15	—	22 22.6	1.3	0 35	—
998	" 15	—	23 39.7	0.6	0 20	—
999	" 20	—	7 53.3	0.5	0 50	—
1000	" 22	16 53.8	16 54.3	7.0	0 30	—
1000a	" 25	11 54.2	11 59.4	16.0	1 10	—
1000b	" 25	14 11.5	14 21.0	1.0?	1 10	—
1001a	" 27	—	18 24.7	0.9	0 8	—
1001b	" 27	—	18 16.2	2.5	0 30	—
1002	" 28	—	16 42.7	0.8	0 15	—
1003	" 31	12 54.8	13 0.7	—	—	—
1004	June 1	—	9 10.7	1.0	1 50	—
1005	" 5	—	3 48.2	0.9	0 40	—

Register from the Royal Magnetical and Meteorological Observatory, Batavia—continued.

No.	Date	Com- mence- ment	L. W. Commence	Max. Ampli- tude Double	Dura- tion	Remarks
1006	June 6	H. M. 17 20.2	H. M. 17 20.7	MM. 5.0	H. M. 0 40	—
1007	" 10	—	3 56.2	0.7	0 20	—
1008	" 14	—	5 6.0	0.5	0 10	—
1009	" 14	—	20 34.7	1.1	0 25	—
1010	" 15	—	18.3	1.6	0 40	—
1011	" 15	—	8 21.5	0.6	0 20	—
1012	" 19	—	23 2.7	1.0	0 10	—
1013	" 22	—	6 4.2	0.5	0 40	—
1014	" 23	—	21 43.2	1.2	0 20	—
1015	" 24	3 40.2	3 46.9	2.0	0 40	—
1016	" 25	—	3 0.4	0.5	0 30	—
1017	" 25	17 39.5	19 3.6	10.9	1 40	—
1018	" 26	—	17 34.1	0.8	0 35	—
1019	" 27	—	22 42.7	1.1	1 20	—

Register from Helwan Observatory, Cairo, Egypt.
Superintendent, B. F. E. KEELING.

No.	Date	Com- mence- ment	L. W. Commence	Max.	End	Max. Ampli- tude	Dura- tion	Remarks
1907								
315	Jan. 1	H. M. 1 17	H. M. 1 44	H. M. 3 02	MM. 0.5	H. M. 1 45	—	—
316	" 2	12 17	12 20.5	14 03	15 03	4.0	2 46	—
317	" 3	13 05	13 10	13 05.5	—	1.0	0 05	Distinct shock.
318	" 4	5 29	5 37	6 09.5	9 14	Off the scale	3 55	—
319	" 4	10 34	—	10 38	10 43	0.5	0 09	Distinct tremor.
320	" 6	0 18	—	0 26	0 35	0.7	0 17	Continuous small tremors.
321	" 12	23 29	—	—	—	—	11 50	Continuous small tremors.
321	" 15	17 55.5	—	17 56	18 10	—	0 14.5	Small tremor.
321	" 16	1 30	—	—	—	—	9 00	Continuous small tremors.
322	Feb. 3	20 4.5	—	20 11	20 46	—	0 41.5	Distinct tremor.
323	" 6	2 45 to 9h.	—	—	—	—	—	Continued small tremors.
Spool jammed from 10h. 12/2/07, till 10h. 14/2/07.								
No records from 16/2/07 till 19/2/07 owing to the dismantling of this instrument and installation of new instrument of 1904 pattern.								
324	" 20	10 11.9	—	—	10 19.4	—	—	Minute tremor.
	"	13 55.8	—	—	14 04.4	—	—	" "
	"	14 11.9	—	—	14 16.7	—	—	" "
	"	14 01.2	—	—	14 38.0	—	—	" "
	"	20 50.5	—	—	21 54.0	—	—	" "
	"	7 37.1	?	8 05.8	18 52.1	—	11 15	" "
From 13hrs., 26/2/07, to 13hrs., 28/2/07, trace lost owing to clock stopping.								

Period of vibration, 14.2 seconds.

Register from Botanical Dept., Experiment Station, Trinidad, B.W.I.
J. H. HART, F.L.S., Superintendent.

No.	Date	Com- mence- ment	L. W. Commence	Max.	End	Max. Ampli- tude	Dura- tion	Remarks
1907								
394	Feb. 12	H. M. 0 49	H. M. —	H. M. 0 52	MM. —	H. M. 0 3	—	Thickening of line
395	" 13	13 1	—	13 14	—	0 6	—	" "
396	" 14	16 28	—	16 31	16 37	3	0 9	" "
397	" 14	17 39	—	17 45	18 12	3	0 33	" "
398	" 23	20 36	—	20 43	20 56	5	0 20	" "
399	" 24	14 21	—	14 22	14 28	7	0 7	" "
400	Mar. 15	0 40	—	0 55	—	—	0 15	Thickening of line
401	" 16	19 51	—	20 21	20 32	5	0 41	" "
402	" 27	0 49	—	1 16	—	—	0 21	Thickening of line
403	" 29	21 36	—	22 2	—	—	0 26	" "
404	" 31	22 25	—	23 36	—	—	1 14	" "
405	Apr. 15	6 15	6 16	6 35	—	full swing	—	Merged in tremors, 4 hours.
406	" 22	16 57	—	17 2	—	—	0 5	Thickening of line
407	May 27	17 38	—	17 39	17 44	5	0 6	" "
408	" 29	12 35	—	12 45	—	—	0 19	" "
409	June 1	9 10	—	9 20	11 24	9	2 14	Thickening of line
410	" 5	2 27	—	2 41	3 0	8	0 39	Merged in tremors
411	" 13	6 37	—	6 52	7 25	4	0 48	" "

Period of boom = 17 seconds.

The Jamaica earthquake of January 14th was not recorded.
Mr. Hart was in Kingston when it took place.

Register from Toronto, Ont., Canada.
Director, R. F. STUART.

No.	Date	Com- mence- ment	L. W. Commence	Max.	End	Max. Ampli- tude	Dura- tion	Remarks	
1906									
688	July 8	H. M. 23 6.0	H. M. —	H. M. 23 15.0	MM. 0.10	H. M. 0 39.0	—	—	
689	" 13	25 59.0	—	—	24 33.0	0.10	0 34.0	—	
690	" 16	19 2.0	—	—	19 7.0	0.05	0 5.0	Slight hitch.	
691	" 16	21 29.0	—	—	21 51.0	0.15	0 22.0	Very small but pronounced.	
692	" 20	11 35.6	—	—	12 9.6	0.1	0 34.0	Minute displacements.	
693	Aug. 1	23 54.5	—	—	24 20.0	0.3	0 25.5	—	
694	" 17	0 20.3	0 36.1	0 49.0	4 56.0	17.0	4 15.7	Large, Vaharaiso Earthquake.	
695	" 19	9 51.2	—	—	10 15.0	0.15	0 23.8	—	
696	" 20	10 46.3	—	—	10 49.5	0.20	0 3.2	—	
697	" 20	20 12.0	—	—	20 30.0	0.10	0 18.0	Doubtful quake.	
698	" 25	2 14.0	—	—	2 32.0	0.35	0 18.0	—	
699	" 28	5 33.5	5 34.2	5 38.0	6 38.0	2.0	1 45.5	Moderately large.	
700	" 30	2 57.3	—	—	4 27.0	0.6	1 29.7	Sudden commencement.	
701	Sept. 7	10 41.3	—	—	21 0.0	0.5	1 18.7	Thickenings, West Indies. (September 6, gas failure.)	
702	" 11	14 9.0	—	—	14 16.0	0.05	0 7.0	—	
703	" 11	16 26.7	—	—	19 10.0	2.0	2 43.3	Moderate and prolonged.	
704	" 20	18 15.3	—	—	18 30.3	0.02	0 15.0	Mere thickening.	
705	" 21	2 11.3	—	—	2 30.3	0.02	0 19.0	—	
706	" 28	13 39.5	—	—	15 48.0	16 40.0	0.9	1 6.5	—

Register from Toronto, Ont., Canada—continued.

No.	Date	Com- mence- ment	L.W. Commence	Max.	End	Max. Ampli- tude	Duration	Remarks
		H. M.	H. M.	H. M.	H. M.	MM.	H. M.	
707	Oct. 2	2 24.1	—	3 30.0	4 55.0	0.8	2 3.0	Prolonged.
708	" 15	6 21.5	—	—	6 26.5	0.05	0 5.0	Mere thickening.
709	" 24	15 32.0	—	—	16 28.0	0.15	0 56.0	—
710	" 26	21 9.0	—	—	21 18.0	0.15	0 9.0	Uncertain.
711	Nov. 14	18 31.3	—	—	19 32.3	0.4	1 1.0	—
712	" 25	11 46.4	—	—	11 53.4	0.15	0 7.0	—
713	" 28	9 21.8	—	9 23.0	9 52.0	1.0	0 30.2	—
714	Dec. 3	23 7.0	—	23 18.5	23 56.5	1.0	0 49.5	West India quake.
715	" 6	16 11.0	—	—	16 28.0	0.1	0 17.0	Mere thickening.
716	" 8	21 36.0	—	—	21 42.5	0.8	0 6.5	—
717	" 18	22 0.0	—	—	22 36.0	0.05	0 36.0	Thickenings.
718	" 19	1 37.2	—	2 10.3	3 49.5	0.6	2 12.3	Prolonged.
719	" 22	18 46.0	19 17.0	19 23.0	19 51.0	3.2	2 8.0	—
720	" 23	7 20.0	—	—	8 30.0	0.2	1 10.0	—
721	" 23	17 30.0	attending	instrument	19 44.0	atg. inst.	2 14.0	Large quake.
722	" 26	—	6 13.0	6 13.0	7 36.0	2.0	1 23.0	Very sudden com- mencement.
1907								
724	Jan. 1	1 52.0	—	—	2 2.0	0.05	0 10.0	—
725	" 2	12 23.8	—	—	15 35.0	1.1	2 11.2	—
726	" 4	5 43.0	—	6 31.0	8 50.0	1.0	3 7.0	Series of prolonged shakes.
727	" 12	8 6.3	—	—	9 13.0	0.2	1 6.7	—
728	" 14	20 47.9	20 32.8	20 53.7	22 0.0	8.1	1 12.9	Kingston, Jamaica. Abrupt at first.
729	Feb. 22	16 24.0	—	—	16 30.0	0.05	0 6.0	—
730	" 27	15 49.8	—	—	16 2.0	0.1	0 12.2	—
731	Mar. 15	0 45.2	—	—	0 49.2	0.1	0 4.0	—
732	" 22	23 0.4	—	—	23 0.6	0.1	0 0.2	—
733	" 29	21 18.5	—	—	22 17.5	0.1	0 59.0	Slight shakes at intervals.
734	" 31	22 21.2	—	—	23 29.7	0.3	1 8.5	—
735	April 9	19 15.7	—	—	19 24.7	0.1	0 9.0	—
736	" 9	19 59.7	—	—	20 4.7	0.1	0 14.0	—
737	" 9	20 36.7	—	—	20 45.7	0.1	0 9.0	—
738	" 15	6 14.7	6 20.3 6 23.0	6 32.7	10 20.0	over 18	4 5.3	Very large rapid oscillations. Mexico. Prolonged.
739	" 18	21 28.7	—	—	22 59.7	0.2	1 31.0	—
740	" 19	0 25.9	—	—	1 39.7	0.1	1 13.8	—
741	" 24	17 14.5	—	—	?	0.1	?	Very slight thick- ening.
742	" 24	21 55.5	—	—	22 5.0	0.1	0 9.5	—
743	" 29	16 26.3	—	—	16 29.8	0.15	0 3.5	—
744	May 4	9 1.0	—	—	9 5.0	0.05	0 2.0	—
745	" 7	11 22.6	—	—	11 51.8	0.05	0 32.2	—
746	" 13	22 4.0	—	—	22 29.5	0.05	0 16.5	—
747	" 21	17 6.2	—	—	19 25.6	0.15	2 19.4	Marked thicken- ings, quiet inter- vals.
748	" 24	18 21.0	—	—	18 21.5	0.05	0 0.5	Doubtful quake.
749	" 25	14 22.4	—	—	15 9.5	0.5	0 38.1	Began suddenly, pronounced quake.
750	" 27	12 1.2	—	—	12 6.7	0.3	0 5.5	—
751	" 31	13 8.4	—	—	13 13.4	0.05	0 5.0	—
752	" 31	13 50.4	—	—	13 55.4	0.05	0 5.0	—
753	June 1	8 54.8	—	9 3.9	10 31.6	2.0	1 36.8	Began suddenly, rapid oscilla- tions.
754	" 5	3 35.8	—	3 44.2	5 0.0	2.1	1 21.2	Well defined.
755	" 13	9 41.5	—	—	10 25.0	1.9	0 43.5	Max. shortly after beginning.
756	" 19	16 14.5	—	—	16 16.5	0.05	0 2.0	Momentary thick- ening.
757	" 21	16 8.5	—	—	16 9.8	0.05	0 1.0	Momentary thick- ening.
758	" 22	0 1.5	—	—	0 1.8	0.05	0 0.3	Momentary thick- ening.

Vibration of boom, 14.8 seconds. Angular value, 0°66.

Register from Victoria, B.C., Canada.
Superintendent, BAYNES REID.

No.	Date	Com- mence- ment	L.W. Commence	Max.	End	Max. Ampli- tude	Duration	Remarks
		H. M.	H. M.	H. M.	H. M.	MM.	H. M.	
1906								
698	July 8	22 41.3	—	—	23 38.0	0.20	0 53.7	Thickening-at-in- tervals.
699	" 14	0 27.7	—	—	1 0.0	0.20	0 32.3	Very slight thick- ening.
700	" 16	19 2.7	—	—	19 12.0	0.10	0 9.5	—
701	" 16	21 22.5	—	—	24 4.5	0.10	0 42.0	—
702	" 20	11 41.4	—	—	12 17.4	0.20	0 36.4	—
703	Aug. 1	23 37.5	—	—	24 13.0	0.10	0 35.5	—
704	" 17	0 17.6	0 23.5	0 41.6	4 38.5	10.0	4 20.9	Valparaiso earth- quake.
705	" 19	9 38.0	—	10 30.0	11 15.0	0.4	1 37.0	—
706	" 20	10 42.0	—	—	10 52.0	0.15	0 10.0	—
707	" 21	16 41.5	—	—	16 43.5	0.05	0 2.0	—
708	" 23	14 37.0	—	—	15 46.0	0.05	0 49.0	—
709	" 26	6 22.0	6 25.3	6 27.9	7 55.0	0.5	1 33.0	—
710	" 28	5 28.8	5 32.7	5 37.3	6 14.0	2.0	0 43.2	Moderately large.
711	" 30	2 50.9	—	3 35.0	4 31.0	0.3	1 40.0	Prolonged.
712	Sept. 6	10 21.3	—	—	10 23.3	0.1	0 2.0	—
713	" 7	19 12.3	—	—	21 10.0	0.15	1 57.7	—
714	" 14	14 12.0	—	—	14 29.0	0.1	0 17.0	—
715	" 14	16 18.0	—	17 2.0	19 6.0	2.0	2 48.0	Prolonged and moderate.
716	" 17	9 20.0	—	—	9 53.0	0.1	0 35.0	—
717	" 20	18 23.0	—	—	18 47.0	0.15	0 21.0	—
718	" 21	2 12.0	—	—	2 47.0	0.15	0 35.0	—
719	" 28	15 35.0	—	15 45.0	16 54.0	0.8	1 19.0	—
720	Oct. 2	2 9.5	—	—	4 31.0	0.7	2 21.5	—
721	" 2	14 51.0	—	—	15 6.0	0.1	0 15.0	—
722	" 11	5 59.5	—	—	6 29.0	0.1	0 25.5	—
723	" 13	5 35.0	—	—	5 35.0	0.1	0 5.0	—
724	" 24	15 22.2	—	15 44.0	16 22.0	0.5	0 59.8	—
725	" 31	2 21.2	—	—	2 48.2	0.2	0 22.0	—
726	Nov. 11	18 1.2	—	—	19 24.0	0.15	1 22.3	—
727	" 19	7 40.0	—	—	9 32.0	0.25	1 52.0	—
728	" 23	11 29.5	—	—	11 48.5	0.25	0 28.0	—
729	" 25	9 25.4	—	—	10 0.0	0.5	0 34.6	—
730	Dec. 8	21 32.7	—	—	21 43.7	0.2	0 11.0	—
731	" 18	21 40.9	—	—	22 47.0	0.05	1 6.1	—
732	" 19	1 26.4	—	—	3 54.4	0.50	2 28.0	Prolonged.
733	" 22	18 43.7	19 12.3	19 17.7	20 7.0	4.0	1 24.3	—
734	" 23	7 8.9	—	—	8 0.0	0.4	0 51.1	—
735	" 23	—	17 24.5	17 34.6	19 31.4	13.0	2 06.9	Large disturbance.
736	" 26	—	6 14.9	6 15.7	7 33.0	1.3	1 18.1	Sudden commence- ment.
1907								
737	Jan. 1	Impossible to measure.		—	—	—	—	Faint suspicion of a trace.
738	" 2	12 7.5	—	13 17.5	15 30.0	0.9	3 22.5	Prolonged shakes.
739	" 4	5 48.6	—	6 38.2	7 8 43.6	2.0	2 55.0	—
740	" 12	7 55.3	—	—	9 11.3	0.3	1 16.0	—
741	" 14	20 55.0	21 3.2	21 6.6	21 47.0	0.7	0 52.0	Kingston, Jamaica.
742	Feb. 22	16 19.0	—	—	16 28.0	0.05	0 9.0	—
743	Mar. 20	21 8.5	—	—	21 29.5	0.15	0 21.0	—
744	" 31	22 21.0	—	—	23 16.0	0.9	0 55.0	—
745	April 15	6 15.7	6 21.2 6 28.7	6 30.0	9 59.0	about 27	3 23.5	Very large rapid vibs., Mexico.
746	" 18	21 24.4	—	—	23 12.1	0.15	1 48.0	Prolonged.
747	" 19	0 17.1	—	—	1 46.0	0.25	1 28.9	—
748	" 30	22 45.2	—	—	22 50.2	0.05	0 5.0	—
749	May 4	6 19.9	—	—	6 17.9	0.1	0 4.0	—
750	" 4	8 57.9	—	—	9 3.9	0.1	0 6.0	—
751	" 10	11 41.7	—	—	11 41.7	0.1	0 30.0	—
752	" 10	6 44.4	—	—	6 48.4	0.2	0 4.0	—
753	" 19	21 54.0	—	—	22 15.0	0.10	0 21.0	—
754	" 23	14 17.1	—	—	15 12.0	0.10	0 54.9	Well defined.
755	" 27	11 42.7	—	11 43.6	11 51.0	1.5	0 8.5	Began suddenly.
756	" 31	13 5.3	—	—	13 16.3	0.35	0 14.0	—
757	June 1	7 38.6	—	8 17.3	9 35.0	1.1	1 36.4	Well marked.
758	" 3	3 39.9	—	3 58.3	5 17.0	1.5	1 38.0	—
759	" 13	9 42.1	—	—	10 28.1	0.25	0 46.0	—

Vibration of boom, 15 seconds. Angular value, 0°76.

Register from Perth Observatory, Western Australia.
Director, W. E. COOKE, M.A., F.R.A.S., &c.

No.	Date	Commencement	L.W. Commencement	Max.	End	Max. Amplitude	Remarks
1907							
		H. M.	H. M.	H. M.	H. M.	MM.	
1	Jan. 1	0 25.3	0 28.2	0 36.0	1 25.0	1.0	—
				0 37.0		1.0	
2	" 1	22 50.8	22 20.2	23 21.3	23 45.0	1.3	—
3	" 2	12 7.0	12 28.5	12 37.4	—	8.5	End overtaken by following earthquake.
4	" 2	13 45.5	14 30.1	14 31.5	15 26.3	4.0	—
5	" 4	5 26.8	5 33.1	5 42.3	8 55.7	11.75	—
				5 43.7		12.75	
				5 45.4		10.35	
				5 56.7		11.3	
	" 4	12 45.0	—	—	12 46.2	—	Displacement of boom.
6	" 4	18 26.5	18 31.8	18 35.1	18 51.3	0.5	—
7	" 5	23 53.0	0 10.3	0 14.3	0 44.1	0.8	—
8	" 7	6 15.3	—	6 16.3	6 19.8	0.5	—
9	" 7	14 9.7	14 12.9	14 17.5	15 11.3	1.0	—
				14 19.3		1.1	
10	" 8	5 41.0	6 10.3	6 11.9	8 7.2	0.7	—
11	" 9	1 55.6	—	1 56.9	1 59.1	0.4	—
12	" 9	2 41.6	—	—	2 43.1	0.3	Small tremors.
	" 13	0 0.0	—	—	0 0.0	—	Very small tremors at intervals all day.
	" 14	0 0.0	—	—	5 30.0	—	Very small tremors at intervals.
	" 15	9 30.0	—	—	12 30.0	—	Very small tremors at intervals.
	" 19	23 15.0	—	—	0 0.0	—	Small tremors.
	" 20	0 0.0	—	—	2 15.0	—	" "
	" 20	22 45.0	—	—	0 0.0	—	" "
	" 21	0 0.0	—	—	4 15.0	—	" "
13	" 21	8 16.5	8 17.8	8 19.7	8 43.7	1.3	—
14	" 21	14 27.9	—	14 32.7	14 46.5	0.5	—
	" 23	2 20.8	—	—	2 21.6	—	Displacement of boom.
	" 25	1 42.8	—	—	1 43.0	—	Displacement of boom.
15	" 26	1 47.7	1 48.6	1 48.7	—	0.6	Film changed, end lost.
	" 26	3 59.8	—	—	4 2.2	—	—
	Feb. 2	2 17.0	—	—	2 30.0	—	Small tremors.
16	" 3	6 27.9	6 30.9	6 31.9	6 49.7	1.1	—
17	" 3	19 43.7	19 50.1	19 58.7	20 58.9	2.5	—
				20 2.1		2.5	
				20 3.9		2.2	
	" 6	0 0.0	—	—	0 0.0	—	Frequent small tremors.
	" 7	0 0.0	—	—	3 0.0	—	Frequent small tremors.
	" 7	11 30.0	—	—	15 0.0	—	Frequent small tremors.
	" 12	0 0.0	—	—	0 0.0	—	Small tremors at intervals.

Register from Perth Observatory, Western Australia—continued.

No.	Date	Commencement	L.W. Commencement	Max.	End	Max. Amplitude	Remarks
	Feb. 13	H. M.	H. M.	H. M.	H. M.	M.M.	
		0 0.0	—	—	0 0.0	—	Very small tremors at intervals.
18	" 16	21 29.2	21 32.6	21 45.6	22 31.4	1.4	—
	" 16	22 35.0	—	—	0 0.0	—	Constant tremors.
	" 17	0 0.0	—	—	0 0.0	—	Frequent tremors.
	" 18	0 0.0	—	—	5 0.0	—	" "
	" 19	0 0.0	—	—	4 0.0	—	" "
	" 24	6 46.9	—	—	7 32.1	—	Small tremors.
	" 27	9 39.5	—	—	9 40.0	—	" "
	Mar. 3	1 45.6	—	—	1 53.6	—	" "
	" 3	1 26.6	—	—	1 41.1	—	" "
	" 4	12 12.5	—	—	14 42.0	—	Small displacements of boom.
	" 6	16 30.0	—	—	0 0.0	—	Frequent very small tremors.
	" 7	0 0.0	—	—	0 0.0	—	Small tremors at intervals.
	" 10	15 26.5	—	—	17 34.0	—	Small tremors.
	" 11	15 30.0	—	—	0 0.0	—	Constant small tremors.
	" 12	0 0.0	—	—	6 0.0	—	—
19	" 13	12 16.2	12 18.1	12 21.3	12 33.0	0.8	—
	" 14	0 0.0	—	—	0 0.0	—	Frequent small tremors.
	" 15	0 0.0	—	—	7 15.0	—	Frequent small tremors.
20	" 19	22 17.0	22 24.7	22 26.0	22 53.4	0.9	—
	" 23	7 40.0	—	—	7 46.8	—	Small tremors.
	" 25	6 45.0	—	—	8 23.0	—	Frequent small tremors.
21	" 26	6 52.5	6 54.0	6 57.7	10 39.7	0.7	—
22	" 30	20 58.8	21 2.0	21 3.5	22 10.8	3.5	—
				21 5.7		3.5	
23	" 31	15 5.8	15 19.8	15 24.3	15 47.8	1.2	Watch not marking. Times slightly uncertain.
24	" 31	22 9.9	22 17.8	22 37.0	23 51.8	3.0	Very small tremors.
	Apr. 1	22 30.0	—	—	0 0.0	—	Frequent
	" 2	0 0.0	—	—	0 0.0	—	Constant
	" 4	12 15.0	—	—	0 0.0	—	" "
	" 5	0 0.0	—	—	0 0.0	—	" "
	" 6	0 0.0	—	—	8 30.0	—	" "
	" 7	10 28.7	—	—	10 33.2	0.5	Small tremors.
	" 10	7 48.2	—	—	8 15.0	—	Small movement of boom.
25	" 15	6 28.4	6 42.5	7 50.0	9 24.8	4.4	—
	" 18	4 22.0	—	—	4 25.0	—	Small tremor.
26	" 19	21 14.9	21 21.6	21 27.0	21 42.5	3.6	—
27	" 19	0 8.0	0 11.0	0 26.2	1 27.5	3.5	—
	Times approximately correct. Watch set to nearest minute each day.						
28	Apr. 19	Earthquake on this day, times unknown owing to film sticking.					
29	" 24	23 35.8	23 41.8	23 43.1	0 25.9	2.7	—
				23 44.1		2.7	
30	" 26	17 30.0	—	19 45.0	21 30.0	0.5	—
31	" 28	17 41.6	17 45.0	17 47.0	18 4.7	0.65	—
32	May 4	5 59.7	6 6.3	6 17.4	7 21.0	2.0	—
				6 19.6		2.0	

Register from Perth Observatory, Western Australia—continued.

No.	Date	Com- mence- ment	L.W. Com- mence	Max.	End	Max. Ampli- tude	Remarks
33	May 7	H. M. 2 6.4	H. M. —	H. M. —	H. M. 2 10.0	MM. —	Very small tremors.
34	" 10	4 41.2	—	—	4 45.0	0.6	Small tremors.
35	" 12	8 3.7	8 16.6	8 21.6	9 3.9	0.8	—
	" 13	21 10.1	21 14.8	21 18.6	22 29.0	1.5	—
				21 27.8		1.5	—
				21 36.0		1.5	—
	" 17	1 23.0	—	—	1 38.0	0.5	Small tremors.
	" 18	11 35.2	—	—	11 41.0	—	Displacement of boom.
		No record 1907, May 20,		4h.0m.,	to 7h.45m.		
	" 20	7 40.0	—	—	8 30.0	—	Small tremors.
	" 24	2 25.0	—	—	3 8.0	—	—
36	" 25	11 50.4	12 9.7	12 17.2	15 36.4	3.4	—
37	" 26	11 23.7	—	11 27.5	11 55.7	0.6	—
				11 31.9		0.6	—
	" 26	12 30.0	—	—	0 0.0	—	Constant small tremors.
	" 27	0 0.0	—	—	0 0.0	—	—
	" 28	0 0.0	—	—	1 30.0	—	—
		No record 1907, May 28,		1h.45m.,	to 8h.25m.		
38	" 31	12 54.0	13 2.3	13 2.7	—	1.0	—
		—	13 16.9	13 18.7	13 51.7	1.5	—
		No record 1907, June 2, 2h.0m., to June 4, 1h.40m.					
		No record 1907, June 4, 6h.0m., to June 5, 1h.40m.					
	June 5	4 50.0	Small tremors.	5 40.0	—	—	Small tremors.
	" 8	10 52.0	—	12 45.0	—	—	—
39	" 8	16 0.5	—	16 14.2	19 27.7	0.5	—
				17 17.2		0.6	—
				17 35.7		0.55	—
	" 15	12 0.0	—	—	—	—	Displacement of boom.
	" 16	9 43.9	—	9 49.9	9 54.9	—	—
	" 17	12 15.0	—	—	1 43.0	—	Displacement of boom.
	" 18	16 57.5	—	—	0 0.0	—	Small tremors.
	" 19	0 0.0	—	—	2 0.0	—	—
		No record 1907, June 19, 2h.0m., to June 24, 6h.20m.					
41	" 25	18 0.0	18 6.5	18 13.0	19 35.5	7.0	—
42	" 27	22 38.3	22 48.0	22 52.5	23 52.5	3.4	—
		No record 1907, June 29, 2h.0m., to June 30, 1h.30m.					

June 19, 1907, Imm. = 0.66.

Register from Sydney Observatory, New South Wales.
Director, H. A. LEVEHAN. Observer, W. C. GRAHAM.

No.	Date	Com- mence- ment	L.W. Com- mence	Max.	End	Max. Ampli- tude	Duration	Remarks
1906								
		Intermittent thickening of line on July 20 from 15h.40m. to 20h.0.5m.						
14	July 23	H. M. 6 9.7	H. M. 6 10.9	H. M. 6 15.5	H. M. 6 30.9	MM. 0.9	H. M. 0 21.2	Small but pronounced.
15	" 23	11 0.2	11 2.7	11 4.2	11 6.7	0.3	0 0.5	—
16	" 23	11 29.0	11 25.5	11 26.2	11 53.4	0.25	0 33.4	—
17	" 24	18 19.0	—	—	21 10.3	—	2 51.3	Mere thickening.
18	" 25	16 21.4	—	—	19 13.2	0.5	5 53.1	Intermittent thickening.
19	" 29	0 45.6	0 56.6	0 56.2	1 12.1	0.3	0 26.5	Very slight.
20	" 29	4 48.2	—	—	5 2.7	0.2	0 14.5	—
21	" 30	2 46.6	2 53.8	2 56.6	3 35.1	0.3	1 8.5	—
22	" 30	11 35.5	—	—	11 57.0	0.5	0 6.1	Slight.
23	Aug. 5	1 28.8	1 32.6	1 35.0	1 57.6	0.7	0 23.8	—
24	" 9	11 10.5	11 14.0	11 19.2	11 22.6	0.4	0 12.1	—
		Thickening of line on August 13 from 16h.22.5m. to 22h.22.6m.						
25	" 23	1 46.9	—	1 47.7	1 53.7	0.5	0 6.8	—
26	" 23	14 18.6	—	14 42.3	14 53.4	0.25	0 36.8	Very slight.
27	" 25	20 23.5	20 25.0	20 27.7	20 36.1	0.5	0 12.6	—
28	" 26	6 11.2	6 15.0	6 18.9	7 43.1	>17.5	1 31.9	Sharp shock. Amplitude extended beyond width of paper.
		Thickening of line on August 26 from 16h.13m. to 22h.10.5m.						
29	" 28	15 37.1	15 39.6	15 42.5	15 55.6	1.3	0 18.5	Short sharp shock.
30	" 30	3 33.2	3 41.6	3 58.3	4 16.2	0.7	0 43.0	—
		Thickening of line on September 1 from 0h.15m. to 7h.1m.						
31	Sept. 6	19 1.2	19 12.0	19 19.2	19 26.5	0.7	0 25.3	—
32	" 7	19 13.8	19 27.8	19 28.2	20 57.7	1.1	1 43.0	—
33	" 14	13 46.7	13 52.4	13 54.3	14 22.2	0.6	0 33.5	—
34	" 14	16 9.9	16 14.0	16 17.1	19 25.4	>17.5	3 15.5	Amplitude greater than width of paper for 14 min.
35	" 15	12 25.1	12 26.9	12 29.1	12 39.9	3.0	0 14.8	—
		Thickening of line on September 15 from 17h.10m. to 21h.56.7m.						
36	" 16	—	4 13.8	4 15.3	4 27.2	2.3	0 13.4	—
37	" 17	8 47.8	8 49.3	8 53.2	9 52.3	10.4	1 4.5	—
38	" 28	14 41.6	—	14 42.9	14 48.8	0.35	0 7.2	—
39	" 29	2 35.5	—	2 57.2	3 1.3	0.3	0 5.8	—
40	" 29	12 51.0	12 56.8	12 58.3	13 20.3	3.4	9 26.3	—
41	Oct. 1	16 26.2	—	16 27.4	16 32.4	0.5	0 6.2	—
42	" 2	2 4.0	2 5.3	2 13.0	4 15.9	>17.5	2 11.9	—
		Thickening of line October 2 at 6h.30m., 7h.30m., and 8h.13m.						
43	" 2	12 18.2	12 20.4	12 21.7	12 36.6	5.25	0 38.4	—
44	" 2	13 46.5	—	13 48.0	13 52.7	0.5	0 6.2	—
45	" 2	—	14 55.3	—	15 45.3	0.9	0 30.0	No trace of P.T.'s in this shock. Max. Amp. at commencement of tremor.
46	" 3	0 23.8	—	0 24.8	0 31.6	0.8	0 7.8	—
47	" 6	13 4.6	—	13 25.2	13 49.6	0.35	0 45.0	—
48	" 10	7 50.3	7 55.2	7 56.8	8 1.5	0.4	0 11.2	Small tremor, but very distinct.
49	" 10	13 10.3	13 25.8	13 29.1	13 57.0	1.7	0 46.7	—
50	" 11	5 15.8	5 21.0	5 24.1	5 56.1	1.8	0 40.3	—
		Thickening of line from 23h.15m. on October 12 to 8h.15m. on October 13.						
51	" 15	13 27.2	13 35.8	13 39.2	14 11.9	1.5	0 31.7	—
52	" 17	10 5.8	10 33.6	10 35.8	10 56.1	0.7	0 50.3	—

Register from Sydney Observatory, New South Wales—continued.

No.	Date	Commencement		L.W. Commence	Max.	End	Max. Amplitude	Duration	Remarks
		H. M.	H. M.						
53	Oct. 17	12 21.0	—	12 22.5	12 27.8	0.35	0 6.8	—	
54	" 18	2 58.8	3 2.1	3 3.8	3 12.0	0.65	0 13.2	—	
55	" 21	15 39.4	15 42.1	15 43.5	15 58.0	0.3	0 18.6	—	
56	" 27	3 48.9	3 50.9	3 52.4	4 19.1	2.0	0 26.2	Sharp shock.	
57	" 28	16 11.7	16 21.9	16 23.2	16 41.6	0.55	0 29.0	—	
58	" 29	1 23.5	1 33.1	1 37.3	1 54.6	2.5	0 31.1	—	
59	Nov. 3	17 47.1	18 19.7	18 21.0	18 54.7	0.55	1 7.6	—	
60	" 3	20 32.4	20 51.7	23 4.2	23 38.6	0.8	3 6.2	Merely a thickening of line, interspersed with many small tremors.	
61	" 4	—	16 28.0	16 30.0	16 34.8	0.65	0 6.8	Small abrupt shock.	
			Thickening of line on November 5 from about 16h.52m. to 19h.39m.						
62	" 5	19 59.8	20 5.5	20 7.4	20 50.1	2.75	0 50.3	—	
63	" 5	22 48.8	22 54.0	22 55.5	23 28.5	2.75	0 39.7	By several pronounced features in this tremor it appears a repetition of the previous one.	
64	" 9	15 4.2	15 9.5	15 12.5	15 28.7	0.9	0 24.5	—	
65	" 10	5 14.1	5 17.3	5 18.9	5 44.0	0.9	0 30.8	—	
66	" 14	17 42.2	17 46.4	17 52.2	19 6.4	0.2	1 24.2	—	
67	" 15	23 37.0	—	23 42.8	23 56.5	0.3	0 19.5	—	
68	" 19	7 28.6	7 30.6	7 42.9	19 44.3	17.5	2 20.7	—	
69	" 19	22 4.2	22 5.2	22 6.3	22 23.8	1.25	0 19.6	—	
70	" 22	9 30.0	9 32.8	9 34.0	9 55.7	1.4	0 25.7	An intermittent thickening of line from 0h.47m. up to the time of this tremor.	
71	Dec. 19	1 17.2	1 26.7	1 37.4	2 53.4	3.6	1 36.2	—	
72	" 22	18 38.8	18 52.8	19 18.2	20 23.4	0.65	1 44.6	—	
			Thickening of line on December 26 from 6h.17.5m. to 7h.38.7m.						
1907									
73	Jan. 1	0 32.2	0 33.6	0 28.4	1 18.2	1.5	0 55.0	—	
74	" 1	22 43.5	22 43.7	22 52.2	23 13.7	1.25	0 30.2	—	
75	" 2	12 2.4	12 14.0	12 33.4	15 36.2	6.7	3 34.8	—	
76	" 4	4 58.7	5 25.5	5 27.7	7 53.6	5.85	2 54.9	—	
			Thickening of line on January 8 from 5h.41.8m. to 6h.55.8m.						
77	" 14	9 56.9	9 57.4	9 58.2	10 11.2	1.5	0 14.2	—	
78	Feb. 3	5 55.8	5 58.3	6 2.3	6 22.1	0.5	0 26.3	—	
79	" 3	19 43.2	19 44.5	19 49.2	20 55.8	7.2	1 10.6	—	
80	" 16	21 21.5	21 22.1	21 30.3	22 13.5	1.85	0 54.0	—	
81	" 25	0 17.8	0 23.4	0 26.8	0 39.4	0.55	0 11.6	—	
82	Mar. 29	20 53.7	21 0.4	21 11.3	21 41.0	1.1	0 47.3	—	
83	" 31	15 5.7	15 7.5	15 8.0	15 23.3	0.5	0 17.6	—	
84	" 31	22 4.3	22 9.5	22 14.3	22 39.3	1.0	0 35.0	—	
			Instruments under repair from April 2 to 6h.0m. on April 3. Thickening of line on April 10 from 17h.4m. to 18h.16.5m.						
85	April 18	1 32.8	1 34.5	1 35.3	1 44.7	5.1	0 11.9	—	
86	" 18	20 15.7	20 18.2	20 21.9	21 2.5	2.3	0 46.8	—	
87	" 19	0 9.0	0 16.2	0 25.3	1 20.7	3.3	1 11.7	—	
88	" 19	10 20.8	10 22.0	10 25.8	10 41.5	0.7	0 20.7	—	
			Slight thickening of line on April 24 from 23h.13.7m. to 23h.37.6m.						
89	May 4	5 57.6	6 4.7	6 12.8	6 47.6	3.55	0 50.0	—	
90	" 4	8 54.0	—	8 56.4	9 15.5	0.7	0 25.5	—	
			Thickening of line on May 12 from 7h.5.5m. to 8h.43m.						
91	" 13	21 5.2	21 8.5	21 16.2	22 3.4	2.4	0 58.2	—	

Register from Sydney Observatory, New South Wales—continued.

No.	Date	Commencement		L.W. Commence	Max.	End	Max. Amplitude	Duration	Remarks
		H. M.	H. M.						
92	" 17	1 16.3	1 13.1	1 23.5	1 31.5	0.85	0 21.2	—	
			Thickening of line on May 20 from 8h.7.3m. to 10h.7m.						
			Thickening of line on May 25 from 16h.41.6m. to 21h.11.3m.						
93	" 25	12 5.1	12 21.6	12 23.8	12 49.7	0.7	0 44.5	—	
94	" 25	—	14 22.4	14 22.1	15 6.7	1.0	0 38.3	Sudden tremor. Max. Amplitude at beginning.	
95	" 26	11 8.2	11 12.0	11 15.4	11 38.2	0.5	0 30.0	—	
96	" 27	5 11.3	5 12.7	5 17.5	5 25.3	0.55	0 14.0	—	
97	" 31	12 49.6	12 51.0	13 24.3	14 12.9	1.0	1 23.3	—	
			Thickening of line on June 2 from 14h.59.7m. to 21h.39.1m.						
98	June 13	12 3.3	12 6.0	12 8.5	12 13.5	0.2	0 10.2	—	
99	" 24	3 55.1	3 58.8	4 2.3	4 22.6	0.8	0 27.5	—	
			Clock stopped at 12h.43.8m. on June 24. and started again at 5h.13m. on June 26.						
100	" 27	22 31.5	22 34.2	22 45.0	23 56.7	2.8	1 25.2	—	

Displacement value, Imm. = 0.53.

Register from the Magnetic Observatory, Christchurch, New Zealand. Observer, HENRY F. SKEY, B.Sc.

Date	Commencement	L.W. Commence	Max.	End	Max. Amplitude	Duration	Remarks	
1906								
July 12	H. M. 10 21.5	H. M. —	H. M. 10 41.0	H. M. —	Max. 0.1	H. M. 0 41.6	—	
" 12	—	—	—	—	—	—	Very slight thickening.	
" 17	Indefinite	—	15 43.7	—	0.4	Indefinite	P.T.'s and A.T.'s obscured by N.T.'s.	
" 18	8 19.6	—	8 24.7	—	0.1	0 18.4	—	
" 22	7 13.7	—	7 25.9	—	0.4	0 16.4	—	
" 22	8 14.1	—	—	—	—	0 06.7	Very slight.	
" 23	6 26.2	—	6 41.6	—	0.35	0 42.6	—	
" 31	11 32.5	—	11 39.6	—	0.45	0 24.4	—	
Aug. 3	3 20.3	—	3 21.8	—	0.9	0 41.4	—	
" 3	—	—	4 53.4	—	—	—	Slight swelling.	
" 5	1 24.0	1 27.1	1 28.6	1 30.2	3.4	0 57.9	—	
" 7	22 46.8	—	22 48.8	—	9.35	0 11.3	—	
" 8	1 13.6	—	1 18.8	—	0.25	0 17.6	—	
" 9	11 20.1	—	11 23.2	—	0.6	0 14.5	—	
" 12	6 25.8	—	6 27.8	—	0.2	0 14.3	—	
" 12	9 25.8	—	9 36.0	—	0.25	0 30.2	—	
" 17	0 33.3	0 57.3	1 36.1	2 57.8	12.0	4 17.8	Subsequent tremors:—	
			1 39.6	—	—	—	8h.33m. to 7h.14m. Minute	
			1 44.4	—	—	—	7h.41m. to 8h.7m. "	
			—	—	—	—	9h.22m. to 10h.12m. "	
			—	—	—	—	13h.23m. to 13h.25m. "	
			Valparaiso Earthquake				—	Large
" 18	6 56.8	7 01.5	7 03.5	7 23.2	1.85	1 38.8	And minute to 14h.15.2m.	

Register from the Magnetic Observatory, Christchurch, New Zealand—continued.

Date	Com- mence- ment	L.W. Commence	Max.	End	Max. Ampli- tude	Duration	Remarks
Aug. 22	H. M. Indefinite	H. M. 19 45.3	H. M. 19 48.7	H. M. 19 54.4	MM. 5.4	H. M. Indefinite	P.T. and A.T. obscured by continuous tremors.
" 23	1 44.6	—	1 48.8	—	0.8	0 20.6	—
" 23	Indefinite	16 29.6	16 30.6	16 33.8	1.25	Indefinite	P.T. and A.T. obscured by continuous tremors.
" 26	6 16.7	6 30.7	6 34.8 and 6 45.2	6 51.9	3.3	2 23.3	—
" 30	3 03.5	3 38.7	3 46.5	3 48.0	1.4	1 27.9	Preceded and followed by continuous small tremors.
Sept. 6	19 06.0	19 11.2	19 11.7	19 16.5	2.4	1 47.6	Preceded by small night tremors.
" 14	13 34.8	—	13 53.0	—	0.8	Indefinite	A.T.'s obscured by night tremors.
" 14	16 12.1	16 19.3	16 30.2 16 31.7 to 16 33.8 16 35.9 to 16 36.9	17 40.0	20.0	Indefinite	A.T.'s obscured by night tremors.
" 15	2 43.2	—	—	—	—	0 03.1	Minute swelling.
" 16	4 24.2	—	4 26.8	—	0.4	0 12.4	—
" 17	8 52.8	9 02.6	9 06.2	9 17.0	3.2	Indefinite	A.T.'s obscured by night tremors.
" 21	1 28.0	1 49.7	1 53.3	1 54.9	1.7	1 09.8	—
" 21	—	—	26 03.2	—	—	—	Minute tremors. Shock felt at 20h.18m. at Christchurch, Cheviot and Kaikoura.
" 29	Indefinite	—	14 12.7	—	0.8	Indefinite	Probably night tremor.
Oct. 2	0 10.2	—	0 13.8	—	0.3	0 33.1	—
" 2	1 59.8	2 07.1	2 22.1 to 2 23.6	3 18.5	17.0 +	3 18.1	Subsequent tremors:— 5h.56.7m. to 6h.17.9m. Small 6h.34m. to 6h.45.4m. " 7h.7.1m. to 7h.10.7m. " Minute 7h.32.9m. to 7h.40.2m. Small
" 2	Indefinite	—	12 34.0	—	0.85	Indefinite	Possibly night tremors.
" 2	Indefinite	—	14 51.6	—	0.85	Indefinite	—
" 3	0 18.1	—	0 29.4 and 0 45.5	—	—	1 03.1	—
" 4	5 06.5	—	—	—	—	0 10.3	Thickening of line.
" 11	5 18.8	—	5 36.9	—	0.4	0 56.4	—
" 18	3 06.3	—	—	—	—	0 19.2	Thickening of line.
" 27	3 52.5	—	4 08.0	—	0.45	0 30.0	—
" 29	1 33.9	—	1 58.5	—	0.4	0 53.4	—
Nov. 5	23 06.2	—	23 34.2	—	0.95	1 13.5	—
" 9	Indefinite	15 09.6	15 11.5	15 14.0	2.8	Indefinite	P.T. and A.T. obscured by N.T.
" 10	5 16.2	—	5 26.5	—	1.1	0 40.7	—
" 12	4 12.5	—	4 14.6	—	2.5	0 09.3	—
" 14	Indefinite	17 50.2	17 57.9	18 07.2	5.6	Indefinite	P.T. and A.T. obscured by N.T.'s.
" 19	7 31.0	7 39.6	8 01.7 8 07.3	8 49.9	10.0	3 27.1	—
" 19	22 05.6	—	22 10.7	—	1.2	0 52.3	—
Dec. 7	23 51.1	—	23 52.1	—	0.9	0 19.3	—
" 15	3 12.2	—	—	—	—	0 29.0	Thickening of line.
" 17	22 09.4	—	22 12.5	—	0.75	0 58.9	—
" 18	Indefinite	20 39.1	20 30.6 and 20 35.7	21 00.0	2.5	Indefinite	In middle of continuous tremors.
" 19	0 31.6	0 36.8	0 44.5	1 40.9	8.5	3 17.6	—

Register from the Magnetic Observatory, Christchurch, New Zealand—continued.

Date	P.T.	B.	Max.	Amp.	E.	Duration	Remarks
1907							
Jan. 4	H. M. 5 31.9	H. M. 5 43.4	H. M. 6 07.0 and 6 12.2 to 6 22.6	MM. 4.5	H. M. 7 31.9	H. M. 3 54.8	—
" 7	Indefinite	13 59.5	14 02.7	14.0	14 20.3	Indefinite	P.T. and A.T. obscured by N.T.
" 8	5 42.0	—	6 21.3	0.5	—	1 36.2	—
" 14	9 54.7	—	9 56.8	1.9	—	0 37.3	—
Feb. 3	Indefinite	20 01.2	20 01.8	2.05	20 10.6	Indefinite	P.T. and A.T. obscured by N.T.
" 16	21 23.4	21 29.1	21 31.7	4.5	21 34.8	1 32.1	—
" 27	—	—	9 19.1 and 9 21.1	—	—	—	Very small and probably N.T.
Mar. 3	1 31.3	—	—	—	—	0 05.6	Thickening of line merely.
" 13	0 46.3	—	—	—	—	1 03.1	—
" 15	5 08.4	—	5 10.0	—	—	0 07.2	Very slight.
" 18	7 34.9	—	—	—	—	0 10.3	Minute.
" 27	0 59.1	—	—	—	—	0 32.1	Minute swellings.
" 29	6 03.8	—	6 08.6	1.25	—	0 07.9	—
" 31	Indefinite	22 13.8	22 17.9	2.5	22 32.4	Indefinite	In middle of N.T.
Apr. 7	9 54.4	7 02.0	10 02.7	—	—	Indefinite	Followed by continuous tremors.
" 15	6 32.5	—	7 30.9	4.1	7 52.7	2 33.3	—
" 18	21 11.4	21 39.8	21 48.6	1.5	22 00.5	1 39.2	—
" 19	0 07.2	0 32.0	0 36.2	1.5	0 42.1	1 53.3	—
" 20	2 13.5	—	2 21.8	1.3	—	1 13.5	—
" 22	—	—	18 10.7	0.7	—	—	Small and in middle of N.T.
" 24	23 40.9	24 02.6	24 04.7	1.1	24 07.8	0 57.9	—
May 4	5 58.3	6 08.7	6 18.0	2.7	6 22.1	Indefinite	A.T. obscured by N.T.
" 9	8 29.9	—	8 33.0	—	—	0 07.3	—
" 12	Indefinite	8 04.6	8 06.1	1.1	8 25.2	Indefinite	P.T. and A.T. obscured by N.T.
" 13	Indefinite	21 23.5	21 26.7	1.9	21 33.9	Indefinite	P.T. and A.T. obscured by N.T.
" 14	3 50.3	—	4 02.9	0.45	—	0 32.2	—
" 17	1 22.6	—	1 24.0	0.4	—	0 09.2	Slight.
" 23	—	—	11 21.8	0.4	—	—	In middle of minute N.T.
" 27	5 08.6	5 13.5	5 13.8 and 5 15.8	1.4	5 20.0	Indefinite	A.T. obscured by N.T.
" 30	Indefinite	—	22 04.9	0.7	—	Indefinite	In middle of continuous tremors.
" 31	Indefinite	12 51.8	12 58.0	4.9	13 10.7	Indefinite	P.T. and A.T. obscured by N.T.
June 5	3 46.2	—	4 23.5	0.4	—	1 53.7	—
" 13	9 57.2	—	10 10.7	0.7	—	1 51.7	—
" 13	12 17.9	—	12 21.0	0.3	—	0 17.6	—
" 18	9 06.3	—	9 07.9	1.9	—	0 11.4	Felt in towns South of Timaru, New Zealand.
" 19	17 28.6	—	—	—	—	0 05.2	Very small, Carrotshape.
" 19	19 03.8	19 30.7	19 32.2	1.9	19 44.1	1 34.1	—
" 27	Indefinite	22 43.0	22 49.2	6.0 ±	22 53.4	Indefinite	In middle of continuous tremors.

P.T. = Preliminary tremors less than 2mm. complete range.
 B.E. = Beginning and end of vibrations not less than 2mm.
 A.T. = After tremors less than 2mm. complete range.
 Amplitude = half range in millimetres. Boom period = 14.6 seconds.

Register from the Royal Alfred Observatory, Mauritius.
Director, T. F. CLAXTON, F.R.A.S. Assistant Director, A. WALTER.

No.	Date	Com- mence- ment	Max.	End	Ampli- tude	Remarks
1906						
		H. M.	H. M.	H. M.	MM. = °	
554	Jan. 2	2 14.5	2 17.0	2 19.0	—	Thickening of trace.
555	" 19	9 15.0	—	9 45.0	—	Several slight irregular movements.
556	" 22	4 56.0	5 6.5	5 14.0	—	Thickening of trace. L.W., 5 3.
557	" 31	15 24.0	—	15 38.5	—	First preliminary tremor.
						2nd Phase, 15 38.
558	Feb. 2	0 39.0	0 45.0	0 54.5	—	Thickening of trace.
559	" 2	18 0.0	18 13.0	18 29.0	1.0 0.3	L.W., 18 7.5.
560	" 3	22 2.5	22 7.5	22 10.0	—	Thickening of trace.
561	" 5	5 11.0	5 14.5	5 29.0	0.5 0.1	—
562	" 10	9 29.0	9 28.0	9 36.0	—	Thickening of trace.
563	" 19	2 25.0	3 1.0	5 0.0	2.5 0.7	2nd Phase, 2 49. L.W., 2 55.5.
564	" 27	19 58.5	20 18.0	—	0.5 0.1	2nd Phase, 20 11.5.
565	March 9	20 11.0	20 21.5	20 39.0	—	Thickening of trace.
566	" 21-22	23 57.5	0 6.8	0 30.0	1.5 0.6	L.W., 0 4.5.
567	" 22	6 20.0	6 22.0	6 24.0	—	Thickening of trace.
568	" 25	22 15.0	—	22 46.0	—	Frequent thickenings.
569	" 26	6 59.0	—	7 0.0	—	Very slight movement.
570	" 27	5 14.0	5 34.0	5 52.0	1.0 0.4	Sheet changed at 5h. 20m. 2nd Phase, 5 21.
571	" 28	18 53.0	19 2.0	19 16.0	—	Thickening of trace.
572	April 2	11 56.5	11 57.5	12 0.0	—	—
573	" 14	4 20.5	—	5 7.0	—	In E.-W. Several thickenings of trace.
	" 14	4 21.0	4 53.5	5 35.0	0.5 0.1	In N.-S. 2nd Phase, 4 28. L.W., 4 51.5.
574	" 18	13 41.0	14 50.0	17 0.0	5.0 2.0	2nd Phase, 13 58.
575	" 19	7 17.0	7 49.5	8 37.0	—	Thickening of trace.
576	" 20	5 50.0	—	9 35.0	—	Frequent small tremors.
577	" 23	4 39.0	—	6 17.0	—	Thickening of trace.
578	" 25	8 55.0	9 9.0	9 24.0	—	—
579	" 25	1 57.0	2 16.5	2 25.0	—	—
580	May 4	6 19.5	—	6 14.5	—	Isolated thickening of trace.
581	" 5	0 49.5	0 50.5	1 37.0	—	Several slight thickenings of trace.
582	" 14	4 57.5	5 23.5	5 28.5	—	Slight thickenings of trace.
583	" 21	13 30.0	13 36.5	13 49.5	—	Thickening of trace.
584	June 1	5 42.0	—	6 35.5	—	—
585	" 2	19 45.0	15 17.5	15 35.0	—	—
586	" 3	4 53.0	4 53.5	4 57.0	—	—
587	" 8	4 17.5	4 18.5	5 11.0	—	—
588	" 9	7 39.0	7 41.5	7 47.0	—	Thickening of trace. L.W., 7 40.
589	" 10	21 3.5	21 12.0	21 36.0	—	Thickening of trace.
590	" 19	11 28.0	12 9.0	12 49.0	1.0 0.4	2nd Phase, 11 43. L.W., 12 8.
591	" 20	3 39.0	3 51.5	4 2.0	—	Thickening of trace.
592	" 22	8 54.5	8 59.5	9 16.0	—	—
593	" 24	7 22.0	7 27.0	—	—	—
594	" 24	11 33.0	11 49.0	11 53.0	1.0 0.4	L.W., 11 42.
595	July 4	0 14.5	0 41.5	1 1.0	1.0 0.4	L.W., 0 37.5.
*596	" 15	8 50.0	8 54.5	9 0.0	—	Thickening of trace in N.-S.
*597	" 15	11 58.5	12 3.0	12 11.0	—	Thickening of trace in N.-S. L.W., 12 1.
*598	" 20	11 56.0	12 1.5	12 35.0	—	Thickening of trace in N.-S. L.W., 11 59.
599	" 22	18 37.0	18 39.0	19 16.0	4.0 1.6	—
600	Aug. 18	0 38.0	1 40.0	4 45.0	7 ± 2.8	—
601	" 19	7 45.0	10 29.0	11 30.0	—	Thickening of trace.
*602	" 25	12 7.0	12 18.5	12 54.0	0.5 0.1	In N.-S. 2nd Phase, 12 10.
*603	" 25	13 55.5	14 12.0	16 0.0	2.0 0.4	In N.-S. 2nd Phase, 14 0.5. L.W., 14 3.
*604	" 26	—	7 18.0	8 18.0	0.5 0.1	In N.-S. Sheet changed at 6 40. Beginning lost.
*605	" 30	3 0.0	3 51.5	5 0.0	0.5 0.1	In N.-S. 2nd Phase, 3 10.
*606	Sept. 7	19 15.0	19 58.0	21 40.0	—	Thickening of trace in N.-S.
607	" 12	—	4 42.0	—	?	Record defective. Paper loose. 2nd Phase, 4 36.
608	" 14	11 18.0	12 6.0	12 43.0	—	Thickening of trace.
609	" 14	14 20.0	15 0.0	17 49.0	4.5 1.8	In E.-W. A marked change of period
	" 14	14 20.0	14 39.5	17 45.0	1.6 0.6	In N.-S. A of vibration occurred in E.-W. at 14 48, and in N.-S. at 14 43.5. 2nd Phase, 14 30.5 and 14 31. L.W., 14 56.
610	" 17	7 3.0	—	7 9.0	—	Isolated tremor.
			7 48.5	7 59.0	—	2nd Phase, 7 29.

Register from the Royal Alfred Observatory, Mauritius—continued.

No.	Date	Com- mence- ment	Max.	End	Ampli- tude	Remarks
*611	Sept. 20	H. M. 17 59.0	H. M. —	H. M. 18 9.0	MM. = ° —	Isolated tremor.
			18 44.0	9 0.0	0.5 0.3	In N.-S. only. 2nd Phase, 18 25. L.W., 18 34.
*612	" 21	1 49.5	—	1 55.0	—	Isolated tremor.
		2 17.0	—	2 59.0	—	In N.-S. only. 2nd Phase, 2 11.
613	Oct. 2	0 3.0	0 15.5	1 40.0	1.0 1.0	In E.-W. A marked change in period
	" 2	0 3.0	0 43.5	3 0.0	1.0 0.6	In N.-S. A of vibration occurred in both basins at 0 33. L.W., 0 14.
*614	" 2	12 29.5	12 49.0	12 55.0	1.0 0.6	Very small movements in E.-W. L.W., 12 47.
*615	" 24	15 2.0	15 18.5	15 58.0	1.5 0.9	In N.-S. only. L.W., 15 15.
616	Nov. 19	7 27.0	7 41.0	9 0.0	3.0 3.0	L.W., 7 38.5.
617	Dec. 19	1 35.0	1 45.0	2 5.0	—	Frequent thickenings of trace.
	" 19	2 8.0	2 27.0	3 2.0	—	—

° Not registered in E.-W. L.W. = Large Waves.