

THE SEISMOGRAPH STATION AT HILL VIEW, WOODBRIDGE HILL, WILDFORD, ENGLAND.

YEAR 1915

ANNUAL REPORT

POSITION, $\lambda = 0^{\circ} 35' 47''$ W.; $\phi = 51^{\circ} 15' 2''$ N.; above sea, 57 metres (187 ft.).

GREENWICH MEAN TIME is kept; Ohrs = midnight.

INSTRUMENT, Modified Milne type; Boom 3 ft. long (91.4 cm), Mast 4' 2" (1.27 metres) high from Boom to summit. Mass 100 lbs. (45.36 k) at end of Boom, which faces West. Period (natural) 11 sec., magnification, $\times 45$. Photographic record.

ABBREVIATIONS. International, except:-

h. = hour, m. = minute, sec. = second, of mean time.

i. = impetus. e = emergence (of waves).

N, S (small) = movement of Boom towards North or South.

mm. = Amplitude in millimetres.

PREFACE.

Will the Observatories to whom I have usually sent frequent Bulletins please excuse me, as my work under the British Red Cross occupies practically my whole time. I hope, however, to try to keep one instrument running, even 'still'.

F. Edward Norris.

Director and Observer.

REGISTER.

DATE 1915	PHASE	GREENWICH MEAN TIME h. m. sec.	PERIOD T sec.	AMPLITUDE of W. mm.	DISTANCE Δ km.	NOTES.
3. I	M	0 35 25		0.05		
4. I	M	0 46 0	11	0.03		
4. I	M	22 20 33			5835	
	M	28 0				
	M	38				
	M	39 15	17	0.1		
	M	49 5	19	0.1		
5. I	e P	14 50 48			14500	
	i P R N	54 58	10	1.65		
	e S	15 5 15				
	i S R S	14 20	13	0.3		
	L	49				
	M	56 30	27	0.3		
		58 5	24	0.3		
	C	16 10	18	0.1		
5. I	P	23 36 41			10755	
	S	48 12	8	0.3		
	i S R S	50 13	9	2.0		
	M of S	19		4.7		
6. I	e L	0 13 30				
	M	25 22	18	1.8		
7. I	M	19 55 15	18	0.1		
10. I	L	0 51 15				
	M	58 38	17	0.4		
12. I	M	8 55 50	22	0.5		
13. I	P1 S	6 56 35	4?	0.2	1640	Avezzano, 6-53; Sora, 6-53.
	P2 N	53		0.35	1650	The lesser shock first.
		57 5		0.9		
		32		1.2		
		40		1.0		
		50		1.2		
		57		0.9		
		58 10		1.3		
		23		0.7		
		42		0.9		
	S1 N	59 25	8	1.2		
	S2 N	42				
	L	7 0 57				
	M	2 40		83.3		
		3 4		76.3		

DATE 1915	PHASE	GREENWICH MEAN TIME			PERIOD T. sec.	AMPLITUDE of W mm.	DISTANCE Δ km.	NOTES
		n.	m.	sec.				
13. I (Contd.)	M (Contd.)	7	4	4		91.2		
			5	35		82.0		
				16		77.5		
			6	59		113.6		
			8	40		74.2		
			9	21		32.0		
			10	45		16.0		
				15		20.0		
				54		11.3		
			11	23		11.0		
				42		10.0		
			12	15		7.0		
				36		6.0		
			13	42	12	15.3		
			14	40		17.0		
			16	45		6.4		
			17	45		3.7		
			18	18		3.4		
				55		2.6		
	i C N	20	21			0.9		
	i C N	21	30	13		1.8		
	i C N	25	45	10		1.65		
			32	40		0.3		
	M'	8	31	24	26	0.6		
	F		39					
14. I	i P S	21	22	0			9800	Taihoku, Δ 85 km.
	i S S		32	49				
	L		54	40				
	M	22	8	0	20	0.15		
27. I	i P S	1	14	18		0.1	2100	
	i S N		17	50	6	1.0		
	L		20	15				
	M		21	38		9.8		
			22	30		12.8		
			24	40		12.0		
			26	20		4.9		
			27	43		3.7		
			28	40		5.7		
			29	55		2.9		
	C		32	20		2.0		
			33	57		1.9		
	F	2	13					
31. I	M	13	54	10	18	0.2		
4. II	M	20	8	30	18	0.2		Taihoku, Δ 129 km.
10. II	M	4	35	0	16	0.1		
11. II	P	8	13	58			5985	
	S		22	0				
	L		42	0				
	M		46	38	18	0.3		
14. II	e L	8	42	21		1.0		
	M		44	40	14	0.9		
			45	55	17			
	F	9	10	30				
18. II	M	0	18	0	14	0.15		
21. II	P	15	12	19			6500	
	S		20	22				
	L		32	45				
	M		39	12	18	0.4		
			43	21	15	0.3		
	C		50	36	15	0.3		
25. II	C	9	22	21	17	0.05		
25. II	P	20	55	42			7155	
	S	21	4	19				
	L		11	14	10	1.1		
	M		26	0	18	0.35		
			29	45	16.5	0.2		
	C	22	39	0		0.1		
	M'		6	0		0.07		
	F		27	48	21			
	P		38	30				
28. II	e P S	19	11	35			8915	Two Shocks?
	N		21	41	9	0.35		S. of Ishigakishima.
	L		39					Taihoku, Δ 326 km.
	M		42	50	48	0.9		
			47	0	29	2.0		

DATE 1915	PHASE	GREENWICH MEAN TIME			PERIOD T	AMPLITUDE of W mm.	DISTANCE Δ km	NOTES
		h	m	sec	sec			
28. II (Contd.)	M (Contd.)	19	49	48	20	3.1		
			51	8	18	3.65		
				38	17	3.8		
				0	15	4.9		
8. III	F P S L M	20	59					
		15	42	18			8855	Morioka, Japan.
			52	21				
		16	18	47				
			21	51	19	0.5		
			29	26	19	0.55		
			32	28	26	0.6		
			39	39	14.5	0.8		
10. III	M	1	50	36	17	0.05		
12. III	P S L M	15	1	16			10155	
			12	21				
			39	45				
			45	38	25	1.0		
			48	4	19	1.5		
			51	16	19	0.9		
			58	10	15	0.9		
	C	16	2	18	16	0.8		
			3	15	14	0.7		
			6	0	16	0.7		
			8	45	15	0.5		
			14	15	13	0.25		
			24	24	18	0.05		
			33	26	15	0.05		
			37					
17. III	F P S L M	18	54	12	5		7965	
		19	3	30	12	0.8		
			22	40				
			24	15	11	0.8		
				55	10	1.1		
			25	55	10	1.0		
			27	36	10	0.7		
			30	15	12	0.85		
			37	6	13.5	0.6		
18. III	F P L M	20	11					
		1	36	24				
		2	5	15				
			12	45	20	0.05		
18. III	P S L M	21	8	20			5325	
			15	20				
			17	18				
			24	48				
			27	5	18	0.3		
			30	15	16	0.45		
			34	24	19	0.3		
			43	15	16	0.07		
23. III	C L M	21	48	45				
			57	21	16	0.1		
26. III	L M	5	40	45				
		6	12	45	18	0.3		
			22	10				
28. III	P L M	4	35	12				
			38	37				
			39	24		0.2		
			54					
3. IV	M S L M	14	32	30	17	0.2		
3. IV		21	0	12				
			16	0				
			25	50		0.2		
			32	20	19	0.2		
5. IV	M	22	59		18	0.05		
7. IV	S L M	16	16	12				
			32	0				
			39	15	20	0.3		
			11	0	14	0.2		
(16. IV		17	30	0				
		10	30	0				
		20	0					
8. IV	M	15	7	24	21	0.7		
23. IV	P S	15	40	39	4		7075	
			49	12				
			50	17				
				27	7			
	L		59	24				

Heavy Tremors

DATE 1915	PHASE	GREENWICH MEAN TIME			PERIOD T sec	AMPLITUDE OF W mm	DISTANCE Δ km	NOTES
		h	m.	sec				
23. IV (contd)	M	16	0	30	27	0.15		
			4	25	17	0.4		
			6	8	13	0.5		
	C		10	42	13	0.1		
	F		15	25	20	0.05		
27. IV	M	9	17	30	30	0.15		
28. IV	P	3	32	33			6300	
	S		40	25				
	L		57	23				
	F	4	3	18	17.5	0.15		
	P		37	15				
30. IV	L	1	56	40				
	M	2	17					
			20	20		0.6		
			22	8		0.7		
				58	16	0.7		
			24	50		0.65		
			26	27	16	0.9		
			35	25		0.05		
1. V	F		53					
	P	5	11	20		0.9	8735	
	M. of			25		3.2		
	PR			45	various	5.0		
	S		14	22				
	S		21	17				
	M. of S.			21				
	"			25	10	7.9		
	"			50		3.8		
	L		27					
	M		38					
			40		40			
			42	38		4.1		
			44	36	30	4.1		
			46	39	25	4.7		
			48	10	22	8.8		
			51	5	21	8.1		
			53	51	22	9.2		
			57	0	18	14.2		
			59	12	17	11.8		
		6	2	20	15	11.7		
			3	24	14.5	14.6		
			7	20	13	8.3		
			9	30	15	12.4		
			11	0	14	8.2		
			13	26	14.5	7.8		
			14	33	14	5.5		
			15	52	13	7.6		
			16	50	17	3.8		
			18	10	18	3.3		
			19	36	16	2.9		
			22	22	17	3.6		
			23	27	19	3.4		
			25	38	16	2.1		
			27	48	18	2.4		
			30	15	16	2.3		
			34	24	18	2.1		
			38	39	18	1.3		
	C		42	0	18	1.7		
			48	7	16	0.8		
			53	12	17	1.2		
			54	38	19	0.6		
			57	0	19	0.4		
		7	2	12	15.5	0.6		
			7	15	10	0.75		
	L'		8	30		0.8		
	M'		9	5	18			
			15	0	20	0.4		
			17	45	20	0.4		
			20	15	20	0.5		
			21	24	20	0.9		
			25	30	25	0.9		
			26	55	19	0.9		
			29	30	19	1.0		
	C'		35	0	21	0.7		
			37	0	19	0.6		
			38	20	21	0.7		
			43	30		0.6		
			48	18	18			

DATE 1915	PERIOD PHASE	GREENWICH MEAN TIME			PERIOD T	AMPLI TITUDE OF W	DISTANCE Δ km.	NOTES.
		h	m	sec	sec	mm.		
1. V (Cont'd).	C (Cont'd).	7	52	24	20	0.4		
			53	35	19	0.8		
			57	23	19	0.3		
		8	7	58	21	0.3		
			11	18	18	0.6		
			22	3		0.3		
	M ₂			26	10	0.65		
	L ₁		31	0				
	M ₁		37	45	20	0.2		
	L ₁	9	28	0				
	M ₁		30	24	26	0.25		
			38	0	18	0.3		
			43		17	0.4		
			49	21	18	0.35		
	C ₁	10	2	15	17	0.07		
	F		30					
1. V	M	15	9	30	19	0.2		
1. V	M	16	41	36	17	0.1		
2. V	P	4	13	0			10955?	
	S ₁		24	39				
	L ₁		49	30				
	M ₁		55	0	19.5	0.25		
2. V	M	8	26	30	17	0.05		
3. V	M	1	53	0	16.5	0.3		
3. V	P	3	31	45			9165	
	S		42	4				
	L ₁	4	1	35				
	M ₁		6	50	17	0.15		
			9	38	17	0.3		
			13	57	17	0.15		
3. V	C		27	25	18	0.15		
	P	4	12	25			10855	
	S		24					
	L ₁		53	42				
	M ₁	5	6	6	26	0.25		
			19	0	21	0.2		
3. V	P	6	8	44			5530	
	S		15	55				
	L ₁		27	42				
	M ₁		31	50	18	0.15		
4. V	M	22	25	38	19	0.1		
5. V	P	11	33	23			11375	
	S		45	19				
	L ₁	12	4	20				
	M ₁		6	18	45	0.2		
			10	25	35	0.3		
			17	24	24	0.3		
			19	45	20	0.3		
			22	45	19	0.4		
			26	17	20	0.4		
			28	6	19	0.25		
			29	23	18	0.3		
	C		35	25	17	0.2		
			43	18	16	0.05		
			55	30	20	0.03		
	M ₁	13	19	30	20	0.25		
	C ₁		28	24	20	0.05		
	F	14	4					
5. V	P ₁	15	22	45			6385	
	S ₁		30	42				
	P ₂		31	15			5500	
	S ₂		38	24				
	L ₁		46	12				
	L ₂		54	21				
	M ₁			57	20?	0.25		
	M ₂		55	36	12	0.4		
			58	23	13	0.5		
		16	0	57	12	0.8		
	C ₂		7	28	11	0.1		
			15	40	12	0.1		
	F		33					
6. V	P	12	19	19			7625	
	S		28	20				
	L		48	3				
	M		51	42	18	0.3		

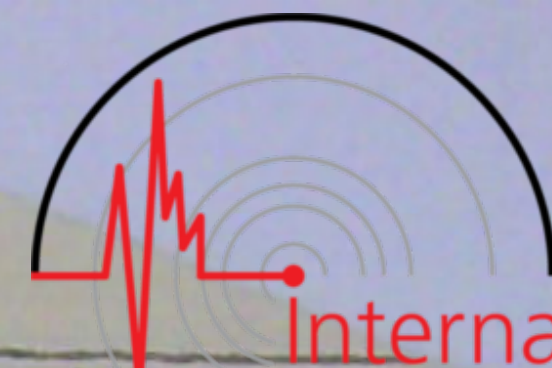
DATE 1915	PHASE	GREENWICH MEAN TIME			PERIOD T sec	AMPLITUDE OF W mm	DISTANCE Δ km.	NOTES
6. V (centa)	M (confid)	12	54	18	16.5	0.2		
12. V	F P S L M	13	17				4830	
		10	39	50	2			
			46	23	20			
		11	1	30				
			3	30	14	1.7		
			4	10	13	2.9		
				45	12	3.8		
			5	39	10	4.0		
			6	11	9	3.0		
			7	57	10	12.3		Null, 11 6 45
			8	42	9.5	2.3		
			9	42	9	3.2		
			10	15	8	2.7		
			11	35	11	3.9		
			12	30	12	3.65		
			14	22	13.5	3.3		11 14 0
			16	20	12.5	2.2		
			17	15	12.5	2.3		
				42	13.5	2.7		
			18	23	10	2.9		
			19	14	10	2.3		
			20	24	13	2.2		
			22	0	12	1.2		
			23	39	12	0.9		11 21 12
			24	22	12	1.2		
				48	13.5	1.2		
			26	45	12	1.6		
			29	20	12	1.2		
				43	11.5	1.65		
			30	48	12	1.0		
			33	23	13	1.0		
			34	24	13	0.9		
			36	0	12	1.3		
				42	13	1.0		
			41	23	11	0.3		
			46	2	11	0.2		
			49	57	17	0.2		
			52	13	11	0.3		
			58	12	16.5	0.15		
		12	4	30	16	0.1		
			9	25	12	0.05		
12. V	F P S L M	16	42	44			9065	Osaka, P. 16 29 57
			53	3				
		17	13	45				
			21	21	18	0.15		
26. V	M	10	44	24	13	0.15		
26. V	M	19	18	48	13	0.15		
27. V	P L M	10	40	23				
		11	12					
			24	24	20	0.07		
29. V	M	0	59	57	19	0.03		
1. VI	L? M?	14	21	40				
			38	28	18	0.05		
			40	20	18?	0.1?		
1. VI	P1	14	39	13			3965	
	P2		40	38			3980	
	S1		44	58				
	S2		46	24				
	L1		59	17				
	L2	15	0	46				
	M		2	43	13	2.1		
			5	0	12	4.0		
			6	40	11	4.65		
			7	38	11	3.3		
			8	20	11	2.8		
			9	16	11	4.0		
			10	33	11	2.25		
			11	47	13	3.3		
			13	15	12	4.25		
			14	26	11	5.1		
			15	19	11	5.7		
			18	58	11	2.8		

DATE 1915	PHASE	GREENWICH MEAN TIME	PERIOD T	AMPLITUDE OF W	DISTANCE Δ	NOTES
		h m sec	sec	mm	km	
1. VI (contd)	M (contd)	15 21 44	15	2.7		
		24 3	13.5	2.0		
		25 15	12	2.5		
		28 1	11	1.8		
		29 22	14	0.75		
		30 37	12	1.0		
		32 45	12	1.1		
		34 48	10	1.0		
		37 9	13	0.7		
	C	44 19	12	0.6		
		47 23	13	0.9		
		50 56	11	1.0		
		53 46	11	1.3		
		16 33 48	11.5	0.7		
		17 5 33	12	0.2		
	L'	23 38	16	0.2		
	M'	35 42	25	0.1		
		38 12	18	0.07		
	L''	19 19 48				
	M''	27 6	19	0.07		
2. VI		20 32				
		18 58	21	0.15		
		19 8	20	0.2		
4. VI		17 15 43	19	0.25	2170?	
		23 37				
		27 6	12	1.6		
		30 27		2.4		
		31 47	11.5	7.1		
		32 22	10	12.5		
		33 12	9	13.2		
		35 10	9	14.3		
		36 16	14	1.8		
		38 58	13	5.0		
		41 0	12	4.4		
		45 42	11	1.8		
		58 24	11	1.7		
		46 36	16	0.15		
4. VI		18 46			8045	
		22 13	21			
		16 2				
		22 43				
		39 15				
		44 18	25	0.4		
		47 20	18	0.6		
		48 22	20	0.4		
		50 0	21	0.5		
6. VI		23 20 21	19	0.1		
		8 20 15			7565	
		29 13				
		43 18				
		9 2 44	18.5	0.1		
		9 33	19	0.15		
6. VI		21 37 8			7075	
		44 14			7000?	
		45 41				
		47 15				
		51 6	11	7.3		
		52 15	12	12.1		
		43				
		22 0 28	12.5	4.5		
		1 15				
		3 30	25	2.0		
		8 48				
		12 0				
		13 12	18	2.1		
		15 18	18	1.1		
		18 43	17	0.8		
		23 48	16	1.1		
		26 12	18.5	1.1		
		32 18	18	0.7		
		36 15	18	0.6		
		43 20	18	0.7		
		47 29	16	0.7		
		50 57	19	0.4		
		23 1 55	15.5	0.55		
		29 30				
		34 0	23	0.2		
						Jagged waves.

DATE 1915	PHASE	GREENWICH MEAN TIME			PERIOD T	AMPLITUDE OF W	DISTANCE Δ	NOTES
		h	m	sec	sec	mm	km	
6. VI (Contd)	C'	23	56	29	19	0.1		
	P	24	7	35				
7. VI	e L	12	38	0				
	M		48	57	18.5	0.05		
			51	18	18.5	0.03		
7. VI	P	22	16	13				
	L		37	45				
	M		39	36	19	0.2		
			48	0	23	0.1		
		23	0	15	18	0.1		
8. VI	M	14	33	42	18	0.2		
8. VI	P	20	2	12				
10. VI	M	21	35	12	25	0.1		
13. VI	M	19	36	15	6	0.2		
18. VI	e S	0	16	51				
	M		22	58				
			35	35				
			38	0	18	0.03		
			41	6	18.5	0.03		
23. VI	P	4	15	17			5345	
	S		22	18				
	M		35	24				
			43	15	18	0.05		
			49	42	17	0.05		
23. VI	P	5	8	24			5325	
	S		15	24				
	M		31					
			35	50	18.5	0.05		
			36	55	17	0.07		
24. VI	P	4	51	40			8455	
	S	5	1	23				
	M		21	35				
			30	22	20	0.4		
25. VI	M	4	42	0	16.5	0.07	8875	
27. VI	P	15	42	2				
	S		52	6				
	M	16	13	24				
			24	0	20	0.1		
2. VII	P	13	46	0				
	M	14	16	22				
			20	0	17	0.1		
			29	18	19	0.05		
8. VII	P	22	36	20				
	S		46	22				
	M	23	7	13				
			16	15	21	0.3		
			19	7	16	0.7		
9. VII	P	0	24	38	14.5	0.7		
	S		13	26				
11. VII	P	11	30	17			1030	
	S		32	8				
	M		33	19				
				23	9	2.1		
			35	29	19	0.8		
			36	24	10	0.8		
			41	15	12	0.8		
31. VII	P	12	8				8555	
	S	1	42	55	12	0.6		
	M		52	43	10	1.7		
			53	22	10	6.4		
		2	7	35	20	0.8		
			14	0	25	2.75		
			16	18	24	2.8		
			18	3	25	4.2		
			20	26	18	3.65		
			22	7	26	3.3		
			24	44	23	4.7		
			26	35	16	3.0		
			27	36	17	3.1		
			33	0	15	2.5		
			37	56	18	2.8		
			39	15	18	2.9		

DATE 1915	PHASE	GREENWICH MEAN TIME h m sec	PERIOD T sec	AMPLITUDE OF W mm	DISTANCE Δ km	NOTES
31. VII (Contd.)	M C	2 39 49 45 18 51 42	17 18 17.5	2.95 1.1 0.9		
		3 2 0 25 8 46 24	18 18 24	0.3 0.7 0.2		
	L' M'	4 4 30 12 0 31 25	24 24 22	0.3 0.15 0.1		
3. VIII	U P S M	5 24 18 13 24 13 14 33 50	22 9 9	0.3 0.3 0.8	8345	
		14 4 43 18 15 19 10	28 23 22	0.3 0.8 0.7		
		20 58 24 0 27 18	26 20 17	0.7 1.0 1.1		
		31 43 15 9 42 16 16 0	19 25 19	0.75 0.2 0.3		
	L' M'	19 8 25 24 31 6	19 19 17	0.8 0.65 0.15		
	L'' M''	16 32 15 44 12	27 27	0.15 0.15		
6. VIII	F P S M	17 20 13 25 40 14 36 4	4 12 31		9280	
		14 57 0 11 21 18 13 0 15	12 18 15	0.3 0.9 1.3		
		14 16 16 15 25 19 19 57 14	16 19 14.5	1.55 0.8 1.1		
		39 15 17.5 15 39 15 7 51	17.5 6 6	0.2 1.2 2.0		
7. VIII	i P S M	15 7 22 8 13 12 13	6 7 7	6.1 37.6 86.0		
	M. of P. on fastening band	13 0 14 13 16 18	13 14 14	82.0 15.7 16.6		
		17 33 20 12 21 15	10 10 10	18.0 21.4 5.9		
		23 47 26 24 28 42	10 10 10	5.1 6.0 1.65		
	C	29 22 33 19 35 58	11 10 10.5	2.2 3.4 0.95		
		39 5 42 2 45 42	10.5 10.5 10	1.2 0.3 0.15		
		55 38 16 14 17 19	11 9 12	0.3 0.15 0.05		
		33 0 35 0 1 18	18 18 23	0.05 0.05 0.05		
		9 5 37 12 45 49	23 26 26	0.05 0.05 0.05		
10. VIII	U P S M	21 9 0 53 56 34	3 6 7	0.05 0.5 0.3	2030	
		58 3 1 28 2 32	12 10 11	5.8 3.8 4.7		
		2 43	11	5.4		

DATE 1915	PHASE	GREENWICH MEAN TIME			PERIOD T sec	AMPLITUDE OF W mm.	DISTANCE Δ km.	[1915 Guildford.] NOTES.	10
		h	m	sec					
10/VIII (Cont'd)	M (Cont'd)	1	4	30	9	2.2			
			6	31	9	1.6			
			10	0	9	0.9			
10/VIII	F		23	40					
	P N	2	7	12	5.5	0.05	2035		
	M. of P			46	5.5	1.9			
	S S		10	39	7	1.5			
	M. of S			55	9	8.3			
	L N		12	50	6	1.4			
	M		13	45	9	26.6			
			15	30	9	48.1			
			16	37	9	40.6			
			18	35	10	16.6			
			20	18	10	9.7			
			21	12	9	8.1			
			24	18	12	2.6			
			25	38	12	3.7			
			27	24	11	1.8			
			29	19	9	0.6			
			39	1	11	0.5			
11/VIII	F	3	51						
	P	9	11	43			1660		
	S		14	35					
	L		17	48					
	M		18	27	10	3.4			
			21	0	9	2.0			
			22	5	7	3.7			
			23	14	8	7.4			
			24	54	9	6.4			
			27	16	11	3.4			
			29	18	9	2.0			
			31	18	11	1.35			
			34	17	11	1.25			
			37	51	10	0.8			
11/VIII	F	10	25	?					
	P	10	2	18	2		2375		
	S		6	13	8	0.35			
	L		8	58	8				
	M		9	40	7.5	1.0			
			10	23	12	0.8			
			11	27	10.5	2.25			
			12	24	9	1.9			
			14	20	10	0.4			
			17	16	9	0.6			
12/VIII	F		49	20					
	L	10	0	30					
	M		5	50	20	0.15			
			16	18	22	0.15			
16/VIII	F	11	10				6750		
	P	1	17	22					
	S		25	38					
	L		44	0					
	M		49	24	16	0.85			
		2	3	55		0.03			
19/VIII	P	6	45	55	4	0.4	2070		
	S		49	24	10	0.75			
	L		52	20					
	M			55	9	5.3			
			54	18	10	8.65			
			55	0	10	10.1			
			56	30	11	7.2			
			58	2	8	2.7			
			59	0	9	2.9			
		7	0	23	10	1.6			
			2	44	10	1.6			
	C		19	0	9	0.7			
			32	12	9	0.1			
			47	47	9	0.15			
	F		49	22					
31/VIII	P	9	51	1					
	L	10	15	45					
	M		22	45	19	0.03			



DATE 1915	PHASE	GREENWICH MEAN TIME			PERIOD T sec.	AMPLITUDE OF		DISTANCE Δ km.	NOTES [Quilãfou 11] 1915
		h	m	sec		W. mm.			
31/VIII	P S L M	20 21	57 6	7 17				7800	
			28	10					
			41	13	21	0.07			
			44	22	21	0.1			
			47	40	21	0.07			
3/IX	L M1. M2.	11	41	40					Two Quakes.
			46	36	18	0.03			
6/IX	e P S L M	18	16	12	20	0.05		3910	
			21	54					
			38	15					
			43	49	18	0.2			
7/IX	i P S L M	19	0	52	21	0.1			
	i P S L M	1	31	46	3			9065	Probably Two Quakes. Changes character at 1 hr. 35 m. 10 sec. and during Maximum.
			42	0	8	0.35			
				37	8	2.3			
			53	45					
			54	15	32	2.3			
			58	12	43	1.8			
		2	3	6	28	4.3			
			9	15	20	4.3			
			12	27	18	4.65			
			14	55	17	3.6			
			21	33	18	1.8			
			23	16	17.5	1.7			
			45	48	19	0.75			
7/IX	C F S L M	4 13	25 19						
			32	0					
			38	42	20	0.1			
7/IX	M	21	6	42	18	0.07			
12/IX	e P S L M	20	52	23				4545	
			58	40	10	0.4			
		21	6	16	14	0.8			Intermaximal lulls 21 9 30 (0.0 mm)-
			8	0	13.5	3.2			
			11	0					
			12	15	18	1.2			
			15	3	13	1.4			
			23	55	13	0.9			
3/X	F P S L P	22 7	4 5	21 4				9565	
			15	42					Maximum very indistinct.
			29	0					
5/X	P	14	4	10					
8/X	P S M	15 16	48 57	2 54				8635	
			25	14	19	0.15			
			33	42	19	0.05			
11/X	P S L M	2	37	19				5365	
			44	21					
			57	58					
		3	2	29	18	0.65			
			4	33	15	0.75			
11/X	F P L M	19	36	2					
			59	25					
		20	13	12	20	0.3			
12/X	P S L M	21	42	37				8125	
			52	3					
		22	13	21					
			18	20	20	0.2			Lamp oil bad, & difficult to procure. Bad records from this date onwards.
			27	22	20	0.2			
1/XI	M	9 10	58 2	2 13	20	0.9			
			6	27	17.6	1.6			
			13	3	14	1.35			
			18	3		0.4			
17/XII	C P S L M	10 7	18 28	3 17				2230	
			32	0					
			35	41					
			36	22	7	4.4			
				42	7	4.6			
			37	12	7	3.8			
				38	9	4.7			
			40	29		2.0			