

Seismological Bulletin 1932.

Royal Magnetical and Meteorological Observatory
Batavia, Java.



Foundation: River Quaternary.

Greenwich Civil Time. Height above sealevel 8 m.

S. Latitude $6^{\circ}11'0''$. E. Longitude $7^{\text{h}} 7^{\text{m}} 20.3^{\text{s}}$.

Wiechert Horizontal Pendulum, 1000 kilograms, NS and EW components,

Wiechert Vertical Pendulum, 1300 kilograms

Bosch-Omori seismograph, 25 kilograms.

MALABAR.

Foundation: Volcanic.

S. Latitude $7^{\circ} 13'$; E. Longitude $107^{\circ} 37'$; Height above sea-level
1550 m. Wiechert Horizontal Pendulum 100 kg, NS and EW component. Since
July 1911. Time Signals by Malabar Radio.

Possession of Mr. R. A. Kerkhoven.

AMBOINA.

Foundation: Quaternary.

S. Latitude $3^{\circ} 42'$; E. Longitude $128^{\circ} 10'$; Height above sea-level
4 m. Wiechert Horizontal Pendulum 1000 kg, NS and EW component. Since
October 1924. Time Signals by Malabar Radio.

MEDAN.

Foundation: Quaternary.

N. Latitude $3^{\circ} 35'$; E. Longitude $98^{\circ}41'$; Height above sea-level
25 m. Wiechert Horizontal Pendulum 1000 kg, NS and EW component. Since
July 24th, 1929. Time Signals by Malabar Radio.

SOENGEI LANGKA.

S. Latitude $5^{\circ} 24' S$; E. Longitude $105^{\circ}13'$. Height above sea-level
m. Bosch-Omori, NS component. Since September 5, 1931. Time Signals
unreliable.

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International
Seismological
Centre

1932	EW component			NS component			V component		
	V	T ₀	E	V	T ₀	E	V	T ₀	E
January	220	6.9	3.4	200	6.7	3.7	330	4.7	3.7
February	220	6.9	3.3	200	6.7	3.8	330	4.7	3.6
March	220	7.1	3.3	200	7.1	4.0	330	4.7	3.6

	e ₀ r		e ₀ r		e ₀ r	
	e ₀	r	e ₀	r	e ₀	r
January	1.17	0.5	1.12	0.9	1.14	0.6
February	1.13	0.4	1.13	1.0	1.16	0.7
March	1.12	0.4	1.14	0.9	1.17	0.9

January.

1	Jan.	1 Bat.	I _v	eP	16 45 56	930	
				S	16 47 36		
				F	16 55		
2	,,	2 Bat.	I _v	P	18 23 8	690	
				S	18 24 22		
				F	18 30		
3	,,	3 Bat.	I	i	8 0 24		
				F	8 6		
4	,,	3 Amb.	III _d	iP	8 11 10		40 destructive at Saparoea, Ceram.
				off	8 11 14		
				on	9 11		
5	,,	3 Amb.	II _v	iP	9 27 42	40	
				iS	9 27 46		
				F	9 36		
6	,,	3 Mal.	I _v	iP	10 59 22		
				iS	10 59 23		
				F	10 59 51		
7	,,	3 Amb.	I _v	P	13 23 54	40	
				S	12 23 58		
				F	in next		

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8	Jan.	3	Amb.	I _v	P 13 25 34 iS 13 25 38 F 13 28	40	
9	,,	3	Amb.	I _v	P 13 48 47 S 13 48 52 F 13 50	40	
10	,,	4	Amb.	I _v	P 23 52 3 iS 23 52 9 F 23 56	50	
11	,,	5	Bat.	I	e 0 40,7 i 0 43 54 F 0 50		
			Amb.	I	P 0 38 28 S? 0 39 30 F 0 49	570?	
12	Jan.	6	Amb.	I _v	P 4 29 29 S 4 29 34 F 4 31	40	
13	,,	7	Amb.	I _v	P 6 52 51 S 6 52 55 F in next	40	
14	,,	7	Amb.	I _v	P 6 54 41 S 6 54 45 F 6 56	40	
15	,,	7	Amb.	II _v	P 23 53 40 S 23 53 44 F 23 57	40	Saparoea.
16	,,	8	Amb.	I _v	P 0 18 45 S 0 18 49 F 0 20	40	
17	,,	8	Amb.	I _v	P 2 5,2 iS 2 5 17 F in next		in minute eclipse.
18	,,	8	Amb.	I _v	P 2 7 54 S 2 7 59 F 2 10	40	
19	,,	8	Amb.	I _v	P 12 27 10 S 12 27 15 F 12 29	40	
20	,,	8	Amb.	II _d	iP 13 40 47 iS 13 40 51 F 13 43	40	
21	,,	8	Amb.	II _d	P 17 23 0 iS 17 23 8 F 17 31		in minute eclipse.

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22	Jan.	9	Bat.	II _r	P _w	10	29	40	4860	
					S	13	36	5		
					eL	10	50			25
					eL	10	55			16.5
					F	11	5			
			Mal.	I _r	eP	10	29	45	4720	
					iP	10	29	46		
					iS	10	36	2		
					F	10	38			
			Amb.	II	iP	10	26	49		
					i	10	27	15		
					i	10	28	12		
					F	11	6			
23	,,	9	Amb.	III _d	iP	14	14	30		
					off	14	14	48		
24	,,	10	Amb.	I _v	P	11	58	42	190	
					S	11	59	4		
					F	12	7			
25	,,	10	Amb.	II _v	iP	12	18	4	100	
					S	12	18	16		
					F	12	24			
26	,,	10	Amb.	I _v	P	14	34	30	40	
					iS	14	34	34		
					F	14	37			
27	,,	11	Amb.	II _v	iP	21	30	32	40	
					S	21	30	36		
					F	21	34			
28	,,	11	Amb.	III _d	iP	2	26	44	(40)	Saparoea.
					off	2	26	47		
					on	2	30			
					F	2	49			
29	,,	11	Amb.	I _v	P	5	13,7			in minute eclipse.
					S	5	13	45		
					F	5	16			
30	,,	11	Amb.	I _v	iP	7	11	24	40	
					iS	7	11	28		
					F	7	13			
31	,,	11	Bat.	I _v	eP	17	24	8	180	
					S	17	24	29		
					F	17	31			
			Mal.	I _v	eP	17	24	49	50?	
					S?	17	24	55		
					F	17	26			
32	,,	12	Mal.	II _v	P	7	6	19	130	
					iS	7	6	34		
					F	7	9			
33	,,	12	Amb.	I _v	iP	12	48	32	40	
					S	12	48	37		
					F	12	52			
34	,,	12	Amb.	I _v	P	20	1	32	40	
					iS	20	1	36		
					F	20	5			

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35	Jan.	13	Amb.	II _v	iP iS F	0 41 23 0 41 28 0 47	40	
36	,,	13	Amb.	III _v	iP S F	2 9 6 2 9 11 in next	40	
37	,,	13	Amb.	I _v	iP S F	2 15 0 2 15 5 2 20	40	
38	,,	13	Amb.	I _v	P iS F	2 46 53 2 46 57 2 49	40	
39	,,	14	Amb.	I _v	P S F	4 54 21 4 54 24 4 56	30	
40	,,	16	Amb.	I	i F	5 57 45 6 4		
41	,,	16	Mal.	I _v	P iS F	9 20 18 9 20 37 9 22	80	
42	,,	16	Mal.	I _v	eP iS F	17 10 14 17 10 38 17 13	210	
43	,,	17	Amb.	I _v	P S F	1 41 54 1 41 58 1 44	40	
44	,,	17	Mal.	I _v	eP S F	10 17,5 10 17 51 10 19	(120)	
45	,,	17	Amb.	I _v	P S F	13 53 43 13 53 47 13 56	40	
46	,,	20	Amb.	II _v	iP iS F	5 36 15 5 36 23 5 43	70	
47	,,	20	Amb.	I _v	P S F	13 45 36 13 45 40 13 47	40	
48	,,	21	Bat.	I	iP F	14 51 14 14 56		azimuth NNE.
49	,,	21	Mal.	I	i F	21 13 38 21 17		
50	,,	21	Amb.	II _v	iP iS F	23 23 6 23 23 15 23 28	80	

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51 Jan. 23 Bat.	I	iEW	3 54 42		
		i	4 3 49		
		L	4 20	21	
		F	4 28		
Amb.	I	iP	3 52 6		
		i	3 58 22		
		L	4 7	19	
		M	4 9 48	18	
		F	4 35		
Med.	I _u	PEW	3 56 59		7650
		i	3 57 53		
		S	4 5 59		
		L	4 26	25	
		L	4 30	18	
		F	4 47		
52 ,, 24 Amb.	I	eP	18 15 22	(40)	
		S	18 15,5		
		F	18 17		in minute eclipse.
53 ,, 27 Bat.	I _v	P	6 38 38		240 East Priangan (W.Java).
		S?	6 39 5		
		i	6 40 13		
		F	6 45		
Mal.	II _v	iP	6 38 25	90	
		iS	6 38 36		
		F	6 44		
54 ,, 29 Bat.	II _u	PEW	13 49 52		5060
		iS	13 56 31		
		F	in next		
Amb.	II _r	iP	13 46 52		3220
		i	13 46 59		
		i	13 47 43		
		iS	13 51 40		
		i	13 52 6		
		L	14 0 10	20	
		F	in next		
Mal.	I _u	P	13 49 52		5260
		i	13 51 7		
		iS	13 56 43		
		F	14 6		
Med.	II _u	PEW	13 50 58		6320
		S	13 58 48		
		F	14 46		
55 ,, 29 Bat.	I _r	eP	14 16 33		4560 overlapped by No. 10.
		iS	14 22 40		
		F	14 38		
Amb.	I _r	eP	14 13 54		3500 overlapped by No. 10.
		S	14 19 0		
		F	15 8		
56 ,, 29 Bat.	I _u	eP	15 47 46		5270
		iS	15 54 36		
		L	16 1		
		F	16 8		
Amb.	I _r	P	15 44 49		2880
		i	15 45 26		
		iS	15 49 15		
		i	15 50 33		
		eL	15 56	21	
		F	16 17		

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	Med.	Iu	eP	15 48 52	6320	
			iS	15 56 42		
			L	16 15		17
			F	16 47		
57 Jan. 30	Bat.	I	i	3 13 36		
			L	3 37		18
			F	3 48		
	Med.	I	eP	3 14 51		
			i	3 22 54		
			F	4 4		
58 ,, 30	Mal.	Iv	P	15 12 12		100 Daradjat (E. Priangan).
			S	15 12 24		
			F	15 14		
59 ,, 31	Bat.	I	i	16 9 34		
			i	16 16 11		
			F	16 36		
	Amb.	I	i	16 6 46		
			i	16 12 40		
			F	16 33		
	Med.	I	e	16 12,0		
			i	16 21 53		
			F	16 32		
60 ,, 31	Amb.	Iv	P	21 10 48		70
			iS	21 10 56		
			F	21 17		
61 ,, 31	Bat.	I	e	21 39 9		Atjeh.
			i	21 43 42		
			i	21 44 48		
			F	21 49		
	Med.	IIIv	iP	21 37 2		210
			iS	21 37 26		
			F	21 55		

February.

62 Feb. 1	Mal.	Iv	P	8 42 45		130
			S	8 43 0		
			F	8 43 35		
63 ,, 2	Bat.	Iv	PEW	5 30 3		200 Bantam (W. Java).
			iS	5 30 26		
			F	5 34		
	Mal.	Iv	eP	5 30 9		270
			S	5 30 40		
			F	5 32		
64 ,, 3	Bat.	I	i	6 37 25		
			F	6 59		
	Med.	I	e	6 37 1		
			F	7 10		
65 ,, 3	Bat.	I	i	7 42 27		
			i	7 48 38		
			F	7 59		
	Med.	I	e	7 42 25		
			i	7 48 39		
			i	7 49 49		
			L	7 54 36		20
			F	8 7		

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66	Feb.	4	Amb.	III _v	iP	5	23	11	100
					iS	5	23	13	
					F	5	25		
67	,,	5	Bat.	I	i	13	58	53	
					i	14	0	43	
					F	14	15		
			Med.	II _u	P	13	48	23	5290
					i	13	48	28	
					S	13	55	16	
					i	13	55	47	
					F	14	18		
68	,,	7	S.L.	I _d	eP	2	51	38	
					eS	2	51	43	
					F	2	52		
69	,,	8	Bat.	I _v	eP	9	21	50	580?
					S?	9	22	54	
					F	9	31		
70	,,	8	Med.	I	e	19	46	2	
					i	19	49	14	
					F	20	8		
71	,,	12	Bat.	I	e	0	57	26	
					i	1	5	1	
					F	1	21		
			Med.	I	e	1	4	31	
					i	1	6	57	
					L	2	22		17
					F	2	34		
72	,,	12	Med.	I	e	23	46	45	
					F	23	52		
73	,,	13	Amb.	I _v	P	22	0	40	280
					S	22	1	12	
					F	22	3		
74	,,	14	Bat.	I	i	23	21	21	
					i	23	22	8	
					i	23	31	48	
					i	23	34	50	
					F	24	4		
			Med.	II	i	23	21	9	
					i	23	29	23	
					i	23	33	46	
					F	24	23		
75	,,	16	Bat.	I _v	eP	7	14	22	580
					S	7	15	25	
					i	7	15	47	
					F	7	18		
76	,,	16	Bat.	I	P	14	0	18	
					i	14	1	18	
					i	14	9	40	
					i	14	13	47	
					L	14	33	3	20.0
					F	14	49		
			Med.	I	i	14	1	37	
					i	14	5	24	
					L	14	42		21
					F	15	4		

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	Amb.	I	P	13 57 4		
			L	14 19 44	20.5	
			F	14 30		
77 Feb.	21 Bat.	I	e	16 9 35		
			i	16 10 54		
			F	16 17		
78 ,,	23 Bat.	I	e	0 31 33		
			i	0 37 59		
			i	0 38 44		
			P	0 40		
	Med.	I	P	0 (38)		starting during changing papers.
			i	0 39 33		
			L	1 3	21	
			F	1 26		
79 ,,	23 Bat.	I	e	7 40 11		
			i	7 41 10		
			F	7 47		
80 ,,	23 Bat.	I	e	20 20 46		
			e	20 28 10		
			F	20 36		
81 ,,	26 Bat.	I _r	P	11 34 50	1860	
			iS	11 37 57		
			F	11 48		
<u>March.</u>						
82 March	1 Med.	I	eP	1 9 39		
			i	1 9 59		
			i	1 10 16		
			F	1 14		
83 ,,	2 Bat.	I _v	iP	17 3 2	370	dilatation.
			iS	17 3 44		
			F	17 8		
	Mal.	I _v	iP	17 2 52	300	
			iS	17 3 26		
			F	17 4 50		
84 ,,	2 Bat.	I	e	14 58 24		NE Tapanoeli and Sumatra's Westkust.
			i	15 0 8		
			F	15 5		
	Med.	II _v	P	14 54 49	320	
			i	14 55 55		
			iS	14 55 25		
			F	15 13		
85 ,,	3 Bat.	I _v	i	9 31 9		
			F	9 35		
	Mal.	I _v	P	9 30 38	160?	
			S?	9 30 56		
			F	9 32		

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86	March	4	Med.	I _v	eP	12	18	48	400	
					S	12	19	33		
					F	12	26			
-	,,	4	Amb.	III _d	iP	21	15	53	70	NE Amboina. off.
					iS	21	16	1		
87	,,	5	Bat.	I _v	iP _v	21	3	54	150	dilatation. Bantam (W. Java).
					P	21	3	55		
					iS	21	4	11		
					F	21	7			
88	,,	6	Bat.	II _v	iP	6	21	13	130	NE; dilatation. Bantam (W. Java).
					iS	6	21	38		
					F	6	32			
			Mal.	II _v	i	6	21	16	230	
					iP	6	21	18		
					iS	6	21	44		
					F	6	26			
89	,,	6	Med.	II	P	21	53	23		
					i	21	57	9		
					i	22	58	23		
					F	23	10			
90	,,	8	Bat.	I	e	3	21	1		
					F	14	15	4		
			Amb.	I	i	3	16	41		
					i	3	18	2		
					F	3	36			
			Med.	I	e	3	21,4			
					e	3	27	42		
					F	3	39			
91	,,	8	Amb.	I	i	18	10	4		
					i	18	17	53		
					L	18	33	175		
					F	18	42			
92	,,	8	Amb.	I _v	P	21	14	37	(40)	
					iS	21	14	41		
					F	21	18			
93	,,	11	Mal.	I _v	iP	11	44	11	100	Priangan (W. Java).
					iS	11	44	23		
					F	11	45	33		
94	,,	13	Bat.	I _v	i	14	15	4	130	NNE; dilatation. Priangan (W. Java).
					iP	14	15	6		
					iS	14	15	21		
					i	14	16	29		
					F	14	20			
			Mal.	III _v	iP	14	14	51	85	
					iS	14	15	1		
					F	14	17	51		
95	,,	13	Amb.	I _v	iP	18	10	22	100	
					iS	18	10	34		
					F	18	17			

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96	March 13	Amb.	I _v	P	18 23 52	90
				iS	18 24 3	
				F	18 26	
97	,,	14 Bat.	I	e	23 3 2	
				i	23 9 4	
				F	23 25	
98	,,	15 Bat.	I	i _v	4 40 1	dilatation.
				i	4 40 2	
				i	4 41 41	
				i	4 46 16	
				F	5 5	
		Med.	I	iEW	4 40 39	
				i	4 47 23	
				F	5 25	
		Amb.	I	i	4 37 12	
				F	4 55	
99	,,	18 Bat.	I	i	5 24 10	
				i	5 30 28	
				F	6 2	
		Med.	I _r	P	5 23 51	4700
				S	5 30 7	
				i	5 35 38	
				i	5 36 21	
				F	6 30	
100	,,	19 Bat.	I	i _v	11 8 2	dilatation.
				i	11 8 5	
				i	11 14 40	
				F	11 31	
		Med.	I	P	11 9 1	
				i	11 15 48	
				L	11 26 17	22
				F	11 55	
		Amb.	I _r	iP	11 5 24	3870
				iS	11 10 52	
				L	11 17 20	20
				F	11 37	
101	,,	19 Amb.	I	i	23 15 56	
				F	23 30	
102	,,	20 Med.	II _v	i	0 21 45	170 Tapanoeli and Oostkust van Sumatra.
				iP	0 21 48	
				iS	0 22 8	
				F	0 31	
103	,,	20 Med.	I _v	eP	13 54 36	520
				S	13 55 33	
				F	14 7	
104	,,	24 Med.	I	e	16 3 5	
				i	16 13 38	
				i	16 17 9	
				F	16 43	

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105	March 25	Amb.	I iP	23 34 57	
			i	23 45 23	
			F	23 56	
106	,,	26 Bat.	I e	0 9 37	
			e	0 16 0	
			i	0 25 48	
			L	0 53	27
			M	0 58 26	15
			M	1 4 30	18
			F	1 10	
		Med.	I e	0 11 17	
			L	0 43	33
			L	0 46 11	27
			M	0 51 15	17
			F	1 25	
107	,,	26 Bat.	III _r iP _v	9 57 11	2650 dilatation.
			iP	9 57 12	ESE
			iS	10 1 32	Moluccas.
			L _v	10 5 38	16
			F	10 59	
		Mal.	II _r iP	9 57 7	2430
			iS	10 1 1	
			F	10 14	
		Med.	II _r iP	9 55 2	4100
			i	9 56 18	
			iS	10 0 41	
			i	10 3 15	
			F	11 25	
		Amb.	III _d iP	9 48 0	off. time uncertain.
			F	10 55	
108	,,	26 Amb.	II _v iP	10 57 45	(40)
			iS	10 57 49	
			F	11 9	
109	,,	26 Amb.	I _v eP	11 56 24	(40)
			iS	11 56 29	
			F	11 57	
110	,,	26 Amb.	I _v eP	12 28 58	70
			S	12 29 6	
			F	12 31 11	
111	,,	26 Amb.	I _v P	12 41 58	85
			S	12 42 8	
			F	12 51	
112	,,	26 Amb.	II _v iP	13 26 28	-
			iS	13 26,6	in minute eclipse.
			F		
113	,,	26 Amb.	I _v eP	16 41 3	80
			iS	16 41 12	
			F	16 46	

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114	March 27	Bat.	I	iP _v	0 52 32		Compression.
				P	0 52 33		
				i	0 53 17		
				i	0 54 48		
				F	1 5		
		S.L.	I _v	P	0 52 25	250	
				S	0 52 53		
				F	0 55		
115	,,	27 Med.	I	P	8 47 11		
				i	8 56 18		
				i	8 56 57		
				F	9 11		
116	,,	27 Amb.	I _v	P	9 29 20	60	
				iS	9 29 27		
				F	9 35		
117	,,	27 Amb.	II _v	P	19 33 24	60	
				S	19 33 31		
				F	19 50		
118	,,	28 Bat.	III _v	iP _v	0 37 41	850	compression.
				iP	0 37 42		WNW.
				iS	0 39 13		
				F	1 48		
		Mal.	III _v	i	0 37 48	600	
				iP	0 37 51		
				iS	0 38 56		
				F	0 56		
		Med.	II	eP	0 38 6		
				i	0 40 29		
				i	0 42 10		
				F	2 25		
		S.L.	II	e	0 37 50		
				i	0 42 0		
				F	0 56		
119	,,	28 Amb.	I _v	iP	13 23 14	90	
				iS	13 23 25		
				F	13 32		
120	,,	29 Amb.	I _v	P	3 18 41	60	
				iS	3 18 48		
				F	3 23		
121	,,	29 Amb.	I _v	P	18 43,5		in minute eolipse.
				iS	18 43 44		
				F	19 1		
122	,,	29 Med.	I _v	eP	20 0 4	440	
				eS	20 0 53		
				F	20 3		
123	,,	30 Amb.	I _v	eP	7 59 49	50	
				iS	7 59 55		
				F	8 3		
124	,,	30 Amb.	I _v	P	9 2 1	40	
				iS	9 2 6		
				F	9 8		

Batavia 1932.

125	March 30	Bat.	I	i	15 10 10	
				i	15 16 55	
				F	15 24	
		Amb.	I	i	15 7 11	
				i	15 12 19	
				F	15 22	
		Med.	I	e	15 8 39	
				i	15 17 16	
				i	15 17 38	
				F	15 31	
126	,,	30 Bat.	II _d	iP _v	17 30 37	150 dilatation.
				i	17 30 38	NNE. West-Java.
				iP	17 30 39	
				iS	17 30 56	
				F	17 42	
		Mal.	III _d	P	17 30 28	140 SSW.
				iS	17 30 44	
				F	17 35	
127	,,	31 Amb.	I _v	P	4 55 5	(40)
				iS	4 55 9	
				F	5 2	
128	,,	31 Amb.	I _v	P	12 20 50	70
				iS	12 20 58	
				F	12 26	
129	,,	31 Amb.	II _v	iP	14 40 13	80
				iS	14 40 22	
				F	14 52	

Note. Medan, March 24-31, time indications uncertain.

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April.

					h	m	s	sec.	km		
130	Apr.	1	Bat.	II _v	i _v	7	57	27		120	dilatation.
					i	7	57	33			E
					iP	7	57	37			ESE
					iS	7	57	54			
					F	8	11				
			Mal.	I _v	i	7	57	44			
					S?	7	58,5				
					F	8	3				
131	,,	1	Mal.	I _v	P	13	12	18		110	
					iS	13	12	31			
					F	13	13				
132	,,	2	Mal.	I _v	P	6	29	57		80	
					iS	6	30	6			
					F	6	31				
133	,,	4	Amb.	I _r	iP	19	22	53		3410	dilatation.
					iS	19	27	53			
					F	19	36				
			Bat.	I _r	P	19	24	35		4790	
					iS	19	30	56			
					F	19	44				
			Med.	I _r	P	19	25	32		4640	
					S	19	31	44			
					F	19	58				
134	,,	4	Amb.	I _v	P	22	21	13		80	
					iS	22	21	23			
					F	22	27				
135	,,	5	Med.	I	e	17	20	23			
					i	17	21	17			
					i	17	22	36			
					F	17	32				
136	,,	10	Amb.	I _v	P	9	31	27		130	
					S	9	31	42			
					F	9	35				
137	,,	10	Mal.	II _v	P	9	33	19		80	
					iS	9	33	28			
					F	9	35				
138	,,	12	Mal.	I _v	P	13	58	4		180	
					S	13	58	25			
					F	14	1				
			Bat.	I _v	iP _v	13	58	4		190	dilatation.
					iP	13	58	5			NNW
					S	13	58	27			
					F	14	4				

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139	Apr. 12 ,, 13	Amb.	I	i i L F	23 57 45 0 3 35 0 6 0 14	20,5	
		Bat.	I	i _w i _N F	0 0 52 0 7 48 0 20		
		Med.	I	i F	0 3 58 0 21		
140	,, 13	Amb.	I _v	P iS F	0 4 47 0 4 50 0 6		overlapped by No.139.
141	,, 13	Amb.	III _d	iP F	3 59 11 4 35		off; azimuth N35,9°W. on: 4 ^h 4 ^m , felt in Am- boina.
		Mal.	I _r	P S F	4 3 46 4 7 37 4 10	2390	
		Bat.	I _r	P S F	4 3 54 4 8 10 4 31	2740	
142	,, 13	Amb.	I _v	P iS F	4 31 1 4 31 9 4 32	70	overlapped by No.141.
143	,, 13	Amb.	I _v	P S F	4 51 49 4 51 56 4 53	60	
144	,, 13	Amb.	I _v	eP S F	4 55 41 4 55 48 4 56,8	60	
145	,, 13	Amb.	I _v	P iS F	5 0 57 5 1 4 5 2	70	
146	,, 13	Amb.	II _d	iP iS F	9 57 42 9 57 48 10 10	50	felt in Amboina.
147	,, 14	Amb.	I	e i F	11 33 30 11 35 15 11 50		
		Bat.	I	e F	11 36 17 11 53		
148	,, 14	Bat.	I _v	iP iS F	12 27 23 12 28 6 12 33	380	S.Sumatra.
149	,, 14	Amb.	II _v	iP S F	17 0 20 17 0.4 17 13		SW. in minute eclipse.



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150	Apr. 17	Bat.	I	i	1 7 15	
				i	1 11 12	
				F	1 20	
		Med.	I	i	1 8 18	
				F	1 19	
151	,, 17	Amb.	Iv	P	10 51 45	70
				iS	10 51 53	
				F	10 55	
152	,, 18	Amb.	Iv	P	4 23 28	60
				iS	4 23 35	
				F	4 25	
153	,, 18	Amb.	IIIId	i	4 50 8	3830?
				iP	4 50 10	
				iS	4 50 14	
	Bat.	I	P	4 54 56		
			S	5 0 15		
			F	5 14		
154	,, 18	Amb.	Iv	P	11 30 27	80
				iS	11 30 37	
				F	11 33	
155	,, 20	Med.	Iv	eP	8 36 59	280
				S	8 37 31	
				F	8 45	
156	,, 21	Amb.	IIv	P	9 31 39	100
				iS	9 31 51	
				F	9 41	
157	,, 22	Mal.	Iv	P	4 41 8	160
				S	4 41 27	
				F	4 43	
158	,, 22	Bat.	IIIv	iPv	4 59 7	380
				iP	4 59 9	
				i	4 59 22	
				iS _B	4 59 52	
				iS _{NE}	4 59 59	
		Mal.	IIv	F	5 34	530
				P	4 59 22	
				i	4 59 33	
				S	5 0 20	
				F	5 11	
		Med.	IIr	PN	5 1 25	1270
				i	5 1 59	
				S	5 3 38	
				iEW	5 4 49	
				F	5 58	

felt in Amboina.
off; on: 9^h41^m.

compression; West-
Java.
WNW.
ESE.

Batavia 1932.

159	Apr.	24	Amb.	I _v	P	6	20	19	360	
					i	6	20	23		
					S	6	21	0		
					F	6	23			
160	,,	26	Amb.	I _v	P	2	37	53	80	
					iS	2	38	7		
					F	2	42			
161	,,	26	Med.	I	eP	11	14	6		
					i	11	14	41		
					F	11	29			
			Bat.	I	e	11	21	10		
					F	11	28			
162	,,	27	Amb.	I _v	P	12	9	39	160	
					iS	12	9	57		
					F	12	15			
163	,,	27	Bat.	I _v	P	17	47	12	170	
					S	17	47	32		
					F	17	50			
164	,,	28	Mal.	I _v	P	18	2	25	120	E. Priangan (W. Java).
					iS	18	2	39		
					F	18	3,7			
165	,,	29	Med.	I	P _w	17	36	34		
					i	17	37	37		
					F	17	41			
			Bat.	I	i	17	42	51		
					F	18	0			
<u>May.</u>										
166	May	2	Amb.	I _v	P	8	22	57	50	
					iS	8	23	3		
					F	8	24			
167	,,	2	Amb.	I _v	iP	21	42	15	40	
					iS	21	42	19		
					F	21	43			
168	,,	4	Amb.	II _v	P	5	6	34	640	SE. Boeol (N. Celebes).
					iS	5	7	43		
					F	5	15			
			Bat.	I	i	5	8	57		
					i	5	12	4		
					F	5	18			
			Med.	I	e	5	10	43		
					i	5	14	21		
					F	5	24			
169	,,	6	Amb.	I _v	P	5	36	27	600?	N. Celebes.
					S?	5	37	32		
					F	5	48			

Batavia 1932.

170	May 8	Mal.	I _v	P	8 47 8	290	
				iS	8 47 41		
				F	8 50		
		Bat.	I _v	iP _v	8 47 41		dilatation.
				eP	8 47 42	260	
				iS	8 48 11		
				F	8 55		
171	,, 9	Amb.	I _v	iP	0 5 52	860	
				S	0 7 24		
				F	0 11		
172	,, 9	Amb.	II _v	iP	0 52 3	70	
				iS	0 52 11		
				F	1 1		
173	,, 10	Amb.	II _v	iP	14 24 17	800	NW.
				S?	14 25 43		
				F	14 44		
		Bat.	I _r	eP	14 27 40	2090	
				S?	14 31 6		
				F	14 44		
		Med.	I _r	e	14 28 13		
				i	14 33 12		
				F	14 48		
174	,, 12	Amb.	II _v	P	6 9 0	570	N.Celebes and Ternate.
				iS	6 10 2		
				F	6 23		
		Mal.	I _r	eP	6 12 31		
				F	6 18		
		Bat.	I _r	P	6 12 32	2470	
				i _w	6 15 41		
				iSN	6 16 29		
				F	6 30		
		Med.	I _r	iP	6 13 40		
				F	6 40		
175	,, 12	Bat.	I _v	iP _v	12 54 5	480	WNW; compression.
				iP	12 54 7		
				i _s	12 54 41		
				iS	12 55 0		
				F	13 7		
		Mal.	I _v	P	12 54 25		
				F	12 56,8		
		Med.	I _v	e	13 0 38		
				F	13 7		
176	,, 12	Amb.	I _v	P	13 12 47	130	
				iS	13 13 2		
				F	13 15		
177	,, 13	Amb.	III _d	iP	4 30 43	100	NW.
				iS	4 30 55		off; on: 9h30m.
178	,, 14	Amb.	III _d	iP	13 21 8		SE(dilat.).
				off	13 21 14		on: 13h35m.
				L	14 16	33	destructive in Minahasa
				L	14 41 39	70	and Ternate.
				F	15 25		

Batavia 1932.

		Bat.	III _r	iP _{1v}	13	15	38	2280?	WSW;dilatation.
				iP ₁	13	15	39		
				iP _{2v}	13	16	24		
				iP _{2NS}	13	16	28		
				S _{2NS?}	13	20	6		off.
				F	15	55			
		Mal.	III _r	iP ₁	13	15	42	2000?	
				iP ₂	13	16	1		
				iSEW?	13	19	20		
				F	14	13			
		Med.	III _r	iP ₁	13	15	53		
				i	13	16	0		
				iP ₂	13	16	48		NS.comp.off.13 ^h 24 ^m .
				F	14	28			
		S.L.	III _r	P ₁	13	16	2	2340	
				P ₂	13	16	45		
				S	13	19	51		
				F	14	7			
179	May 17	Amb.	I _v	eP	5	19	31	290	
				S	5	20	4		
				F	5	36			
180	,, 17	Bat.	I _r	P	12	58	20	1730	East-Java,Bali and Lom- bok.
				S	13	1	16		
				F	13	13			
		Mal.	I _v	iP	12	58	29	830	
				iS	12	59	58		
				F	13	2			
		Med.	I _r	P	13	0	3	3300	NW.
				iS	13	4	56		
				F	13	24			
181	,, 17	Amb.	I	i	17	25	26		
				F	17	27			
182	,, 17	Amb.	I _v	eP	17	31	35	510	N.Celebes.
				eS	17	32	31		
				F	17	44			
		Bat.	I	e	17	35	13		
				F	17	46			
183	,, 17	Amb.	I _v	P	22	23	20	480	N.Celebes.
				eS	22	24	13		
				F	22	34			
184	,, 18	Bat.	I	i	18	59	38		
				i	19	0	37		
				i	19	7	23		
				i	19	10	0		
				F	19	23			
		Med.	I	e	19	1			
				i	19	9	33		
				F	20	8			
185	,, 18	Amb.	II _v	iP	21	38	17		
				F	21	43			

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186	May 18	Med.	Iv	P	23 15 8		380	
				S	23 15 51			
				F	23 25			
187	,, 19	Amb.	Iv	P	1 21 26		490	
				iS	1 21 30			
				F	1 24			
188	,, 19	Amb.	Iv	iP	22 27 44		100	
				iS	22 27 56			
				F	22 36			
189	,, 19	Amb.	Iv	P	22 38 16		90	
				S	22 38 26			
				F	22 49			
190	,, 20	Amb.	Iv	P	2 47 48		90	
				iS	2 47 59			
				F	2 51			
191	,, 20	Amb.	Iv	eP	7 15 24		790?	
				S?	7 16 49			
				F	7 28			
192	,, 20	Amb.	Iv	iP	12 57 9		40	
				iS	12 57 14			
				F	13 0			
193	,, 21	Bat.	IIu	i _v	10 30 6			compression.
				i	10 30 9			
				i	10 30 52			
				i	10 31 29			
				i	10 39 7			
				i	10 42 8			
				L	11 34 32	28.5		
				L	11 39 1	81.5		
				M	11 52 22	25.3		
				F	12 2			
		Med.	Iu	i	10 30 14			
				L	11 29	34		
				L	11 31 25	42		
				M	11 35 45	30		
				L	12 0	18.5		
				F	12 14			
		Amb.	I	i	10 29 30			in minute eclipse.
				i	10 32,7			
				F	10 57			
194	,, 21	Bat.	IIIv	PEW	21 39 49		170	compression. S. Sumatra and W. Java. off; on: 22 ^h 19 ^m .
				iS	21 40 9			
		Mal.	IIv	iP	21 40 3		260	
				iS	21 40 30			
				F	21 48			
		Med.	I	iP	21 41 15			
				F	22 3			
195	,, 22	Bat.	I	i	11 41 21			
				i	11 50 13			
				i	11 51 6			
				F	12 3			

Batavia 1932.

196	May	23	Med.	Iv	P	18	24	13
					S	18	25	15
					F	18	38	
197	,,	26	Mal.	Iv	iP	0	23	22
					iS	0	23	31
					F	0	26	
			Bat.	Iv	iP	0	23	34
					iS	0	23	58
					i	0	24	57
					F	0	28	
198	,,	26	Med.	I	e	5	17	59
					i	5	23	45
					F	5	45	
			Bat.	I	eNS	5	20	0
					iEW	5	29	59
					i	5	31	57
					F	5	41	
199	,,	26	Amb.	IIu	iP1	16	17	59
					iP2	16	18	10
					iS	16	24	54
					F	16	49	
			Mal.	IIu	P1	16	19	58
					iP2	16	20	9
					S	16	28	24
					iS	16	28	29
					F	16	34	
			Bat.	IIIu	ePv	16	19	57
					iPv	16	20	0
					iP1	16	20	3
					iPv	16	20	12
					iP2	16	20	14
					iN	16	20	58
					iSv	16	28	39
					iS	16	28	40
					Lv	16	36	51
					F	17	35	
			Med.	IIIu	iP1	16	21	4
					iP2	16	21	14
					iS	16	30	39
					F	17	51	
200	,,	26	Bat.	I	lv	16	47	47
					lv	16	48	2
					i	16	48	2
201	,,	26	Amb.	Iv	P	20	31	24
					S	20	32	24
					F	20	38	

570

30 E.Priangan(W.Java).

210 N;dilatation.

two shocks.

 dilatation.
NW.
dilatation.
NW.

28

overlapped by 199.

550 N.Celebes.

Batavia 1932.

				<i>h</i>	<i>m</i>	<i>s</i>	<i>sec.</i>	<i>km</i>
202	May 26	Amb.	I _u	P 22	30	8		5250
				S 22	36	58		
				i 22	37	8		
				F 22	44			
		Bat.	I _u	e 22	32	19		7050
				iS 22	40	48		
				F 22	56			
		Med.	I _u	eP 22	33	52		
				i 22	42	51		
				i 22	43	34		
				F 22	50			
203	,, 27	Amb.	I	i 0	37	57		
				F 0	41			
204	,, 27	Med.	I	eP 1	41	23		
				i 1	50	28		
				i 1	51	16		
				F 2	6			
205	,, 27	Bat.	I	i 12	49	36		
				i _w 12	49	58		
				i 12	55	28		
				F 13	6			
206	,, 28	Med.	I	e 2	29	56		
				F 3	14			
		Bat.	I	e 2	29	10		
				F 2	45			
207	,, 29	Bat.	I _v	P 18	51	21		670
				S 18	52	33		
				F 18	56			
208	,, 31	Amb.	I _v	P 9	19	43		60
				iS 9	19	50		
				F 9	23			
209	,, 31	Amb.	I _v	P 9	33	31		50
				iS 9	33	37		
				F 9	35			
210	,, 31	Med.	I _v	eP 12	5	14		190
				iS 12	5	36		
				F 12	10			

June.

211	June 2	Amb.	I _v	eP 15	50	46		70
				iS 15	50	54		
				F 15	52			
212	,, 2	Amb.	I _v	P 18	30	31		270
				iS 18	31	2		
				F 18	49			
213	,, 3	Amb.	II _u	eP 10	54	47		
				i 10	57	23		
				L 11	53	38		25
				L 12	29	14		36
				M 12	38	14		22
				M 12	51	48		19.5
				F 13	19			

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				h	m	s	sec.	km		
	June 3	Bat.	IIu	P _v	10	56	35			faint compression.
				P	10	56	38			dilatation.
				iP _v	10	56	55			
				iP	10	57	3			faint dilatation.
				iP _v	11	30	24			
				L	11	45.6		44		
				M	11	49	48	23.0		amplitudes E 461 μ ; N 185 μ .
		Mal.	Iu	F	13	9				
				e	10	56	49			
				i	10	57	6			
				eL	11	52				
				F	12	42				
		Med.	IIu	P	10	56	56			
				iP	10	57	5			
				L	11	49	21	25		
				M	12	7	27	17		
				F	13	9				
214	,,	5	Med.	Iv	i	1	54	57	520?	
					i	1	55	11		
					S?	1	55	54		
					F	2	4			
215	,,	5	Amb.	I	i	12	57	9		times uncertain.
					i	13	3	16		
					F	13	6			
216	,,	6	Amb.	I _r	eP?	6	28	34	1370?	
					S	6	30	57		
					F	6	35			
		Mal.	I _r	P	6	30	8		1270	
				iP	6	30	13			
				i	6	32	22			
				iS	6	32	26			
				F	6	36				
		Bat.	I _r	iP	6	30	17		1320	
				iS	6	32	35			
				F	6	44				
217	,,	8	Med.	I	i	15	0	16		
					i	15	0	21		
					F	15	26			
		Bat.	I _r	iP _v	15	0	44		2670	
				P	15	0	46			
				iS	15	4	57			
				F	15	22				NE.
218	,,	10	Amb.	I _v	P	20	23	27	950	
					S	20	25	9		
					F	20	40			
		Med.	I	i	20	27	1			in minute eclipse.
				i	20	28	23			
				i	20	31	50			
				i	20	34	3			
				i	20	38	19			
				F	20	47				
		Bat.	II _r	P _v	20	27	21		2640	faint dilatation.
				P	20	27	23			
				S?	20	31	32			
				F	20	44				

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				h	m	s	sec.	km		
219	June 11	Amb.	I _v	iP	4	31	53	(60)		in minute eclipse.
				S	4	32.0				
				F	4	33.7				
220	,, 11	Amb.	I _v	P	4	41	48	60		
				iS	4	41	55			
				F	4	46				
221	,, 13	Amb.	I _v	P	16	49	55	80		
				iS	16	50	5			
				F	16	54				
222	,, 13	Amb.	I _r	P	21	1,3		(2790)		no minute marks.
				S	21	5,6				
				F	21	12				
		Med.	II _r	P	21	2	57	4690		
				S	21	9	12			
				iS	21	18	18			
				F	21	36				
		Bat.	I _r	eP	21	4	16	4500		
				S	21	10	20			
				F	21	22				
223	,, 14	Amb.	I	P	6	4	34			
				F	6	20				
		Med.	I	i	6	5	11			
				i	6	5	37			
				F	6	33				
		Bat.	I	P	6	6	27			compression.
				i	6	6	48			
				i	6	12	21			
				F	6	26				
224	,, 14	Med.	I	i	10	27	52			
				i	10	35	43			
				F	10	59				
225	,, 14	Amb.	I	i	11	25	19			
				i	11	29	39			
				F	11	33				
226	,, 15	Mal.	I _v	eP	7	48	26	300		
				S	7	49	0			
				F	7	51				
227	,, 16	Med.	III _d	iP	1	19	13			SSW.
				off	1	19	18			North Sumatra.
				on	1	24				
				F	2	11				
		Bat.	II _r	P	1	22	47	2000?		dilatation.
				P _v	1	22	56			
				S?	1	26	6			
				i	1	27	18			
				F	1	56				
		Amb.	I	eP	1	25	4			
				i	1	29	56			
				i	1	35	23			
				F	1	43				
228	,, 18	Bat.	I _v	eP	5	48	55			
				iS	4	49	44			
				F	5	56				
		Mal.	I _v	e	5	49	12			
				i	5	49	54			
				F	5	32				

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				h	m	s	sec.	km	
229	June 18	Amb.	I	P 10	31	34			
				i 10	33	41			
				i 10	34	52			
				eL 11	10		34		
				L 11	22		22.5		
				F 11	33				
		Bat.	II	i 10	22	18			azimuth E.
				i ^E 10	38	12			
				L 11	24.5		32		
				M 11	43.7		17.3		
				M 11	53.4		17.5		
				M 11	57.1		17.8		
				M 12	4.7		18.0		
				F 12	37				
		Mal.	I	i 10	32	21			
				i 10	32	31			
				eL 11	54.2		17		
				F 12	10				
		Med.	II	P 10	32	22			
				L 11	17		31		
				M 11	39.9		18.5		
				M 11	45.6		18.0		
				M 11	49.7		18.2		
				F 13	13				
230	,, 18	Amb.	I _v	iP 15	6	50		50	
				iS 15	6	56			
				F 15	10				
231	,, 18	Med.	III _v	P 17	36	13		550	N. Atjeh.
				iS 17	37	13			
				F 17	57				
		Bat.	I	i 17	44	14			
				F 17	56				
232	,, 20	Amb.	I _v	eP 18	49	41		170	
				iS 18	50	1			
				F 18	52				
233	,, 20	Amb.	I	i 19	11	29			
				i 19	18	48			
				F 19	30				
		Bat.	I	e 19	15	27			
				e 19	21	46			
				F 19	25				
		Med.	I	i 19	16	29			
				i 19	16	43			
				i 19	22	54			
				F 19	28				
234	,, 20	Mal.	I _v	eP 21	12	16		290	Central Java.
				iS 21	12	49			
				F 21	14.0				
		Bat.	I	eP 21	12	34			
				F 21	17				
235	,, 21	Med.	I	i 21	3	17			
				i 21	7	47			
				i 21	9	7			
				F 21	36				
236	,, 22	Bat.	I _u	e 13	19	43			
				i 13	21	11			
				eL 14	13	48	22.63		
				eL 14	25	28	18.0		
				F 14	45				

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				h	m	s	sec.	km	
	Med.	II _u	i	13	19	46			
			i	13	34	56			
			eL	14	17		22		
			M	14	27		38		
			M	14	33	8	18.5		
			F	14	52				
237	June 23	Amb.	I _v	P	3	20.7		(230)	P in hour eclipse.
				iS	3	21	10		
				F	3	25			
238	,, 23	Amb.	I _v	iP	9	44	11	50	
				iS	9	44	17		
				F	9	51			
239	,, 23	Amb.	I _v	P	9	53	18	60	
				iS	9	53	25		
				F	9	57			
240	,, 23	Amb.	III _d	iP	9	59	39	(60)	
				off	9	59	46		
				on	10	52			
		Bat.	E _r	P	10	4	20	2510	
				S	10	8	20		
				F	10	17			
241	,, 23	Amb.	I _v	P	14	13	26	70	
				iS	14	13	34		
				F	14	15			
242	,, 23	Amb.	II _v	P	15	14	48	70	
				iS	15	14	56		
				F	15	18			
243	,, 24	Amb.	I _v	P	12	37	38	50	
				iS	12	37	44		
				F	12	39	16		
244	,, 24	Amb.	III _v	iP	18	1	55	70	
				iS	18	2	3		
				F	18	6			
245	,, 24	Amb.	II _v	iP	23	50	15	70	
				iS	23	50	23		
				F	24	4			
246	,, 25	Bat.	I _v	eP	17	7	16	100	
				iS	17	7	28		
				F	17	11			
247	,, 26	Amb.	I _v	P	4	9	13	110	
				iS	4	9	26		
				F	4	20			
248	,, 27	Med.	II _v	iP	14	34	23	260	ESE.
				iS	14	34	53		
				F	14	42			
249	,, 28	Mal.	I _v	P	8	7	34	80	E.Priangan (W.Java).
				iS	8	7	44		
				F	8	9			
250	,, 28	Med.	I	eP	21	18	26		
				F	21	21			

	EW component			NS component			V component		
	V	T ₀	E	V	T ₀	E	V	T ₀	E
April	220	7.0	3.2	200	7.0	3.9	330	4.7	3.7
May	220	6.9	3.2	200	6.9	4.1	330	4.7	3.8
June	220	7.0	3.4	200	7.0	4.3	330	4.7	3.4
	e ₀	r ₀		e ₀	r ₀		e ₀	r ₀	
April	1.14	0.4		1.15	0.8		1.15	0.8	
May	1.12	0.5		1.10	0.7		1.16	0.7	
June	1.13	0.3		1.13	0.8		1.17	0.8	

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July.

					h	m	s	sec.	km		
251	July	1	Amb.	Iv	iP	10	10	2		400	azimuth WSW.
					S	10	10	47			
					F	10	28				
			Bat.	Ir	iP _w	10	13	52		1940	
					iS	10	17	6			
					F	10	23				
252	,,	2	Amb.	IIv	iP	2	12	17		260	azimuth SSW.
					iS	2	12	47			
					F	2	39				
			Bat.	I	e	2	16	19			
					i	2	18	31			
					i	2	20	33			
					F	2	32				
			Med.	I	e	2	18	52			
					i	2	23	6			
					i	2	27	43			
					F	2	42				
253	,,	2	Mal.	Iv	P	3	43	54		240	
					i	3	44	6			
					iS	3	44	21			
					F	3	49				
			Bat.	Iv	P	3	44	16		280	
					iS	3	44	48			
					F	3	53				
254	,,	3	Med.	I	e	4	36	52			
					i	4	38	45			
					i	4	39	36			
					F	4	45				
255	,,	3	Med.	Iv	P	18	40	0		170	
					iS	18	40	20			
					F	18	44				
256	,,	4	Amb.	Iv	P	15	18	54		(40)	
					iS	15	18	58			
					F	15	23				
257	,,	5	Med.	IIr	P	9	55	11		1210	
					i	9	55	28			
					S	9	57	18			
					i	9	57	55			
					F	10	38				
258	,,	5	Bat.	IIv	iP	10	53	4		320	E; dilatation.
					iS	10	53	41			
					F	11	26				
			Mal.	Iv	P	10	53	16		760?	
					S?	10	54	38			
					F	11	3				
			S.L.	IIv	iP	10	53	14		180	
					S	10	53	32			
					F	11	9				

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					h	m	s	sec.	km		
259	July	5	S.L.	Iv	eP	11	11	30		190	
					S	11	11	52			
					F	11	13				
260	,,	5	Bat.	Iv	P	11	49	4		580	Benkoelen (S.Sumatra).
					S	11	50	7			
					F	11	56				
			S.L.	Iv	eP	11	48	46		230	
					S	11	49	10			
					F	11	50				
261	,,	5	S.L.	I	eP	14	14	8		150	
					S	14	14	25			
					F	14	15				
262	,,	5	Med.	I	e	17	34	30			
					i	17	37	42			
					F	17	46				
263	,,	5	Bat.	Iv	P	17	52	21		640	Benkoelen (S.Sumatra).
					S	17	53	30			
					F	17	56				
264	,,	5	Bat.	Iv	iPv	18	33	55			dilatation.
					P	18	33	57		320	
					iS	18	34	34			
					F	18	50				
			Mal.	Iv	eP	18	34	8		390	
					S	18	34	52			
					F	18	37				
			S.L.	IIv	iP	18	34	0		230	
					S	18	34	26			
					F	18	37				
265	,,	6	Med.	Iv	P	3	20	33		440	
					iS	3	21	23			
					F	3	31				
266	,,	6	Mal.	Iv	P	13	53	25		100	
					eS	13	53	37			
					F	13	55				
267	,,	9	Amb.	Iv	iP	8	14	38		120	
					iS	8	14	52			
					F	8	22				
268	,,	9	Amb.	Iv	iP	8	17	47		70	
					iS	8	17	55			
					F	in	265				
269	,,	9	Med.	I	e	12	32				
					i	12	32	37			
					F	12	38				
270	,,	9	Amb.	I	i	13	3	40			
					i	13	9	17			
					i	13	13	33			
					F	13	20				
			Bat.	I	e?	13	7				
					i	13	13	59			
					i	13	15	43			
					F	13	23				
			Med.	I	e	13	13	23			
					i	13	14	5			
					F	13	29				

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312	Aug. 14	Med.	III _r	iP	4	44	22	2500	azimuth WNW.
				iS	4	48	21		off: 4h49 ^m 27 ^s ; on: Aug. 15,
		Bat.	II _r	P _v	4	46	6	3610	compression
				P	4	46	8		NW
				iP _v	4	46	9		dilatation.
				iP	4	46	11		SE.
				S	4	51	18		
				L _v	5	3	6	13	
				F	5	37			
		Mal.	I _r	eP	4	46	15	4020	
				i	4	47	50		
				iS	4	51	40		
				i	4	56	22		
				L	4	59		20	
				F	5	12			
		Amb.	II _r	iP	4	46	42	4790	
				iS	4	53	3		
				i	4	56	34		
				L	5	2		25.5	
				F	5	21			
313	,, 17	Bat.	II	iP	15	26	5		compression.
				i	15	26	26		
				i	15	27	18		
				F	15	40			
		Mal.	I	i	15	26	27		
				F	15	31			
		Med.	I	e	15	32	13		
				i	15	33	23		
				F	15	44			
314	,, 17	S.L.	I _v	P	22	28	3	250	
				iS	22	28	32		
				F	22	31			
315	,, 19	Bat.	I	e	4	4	14		East Java, Bali and Lom-
				i	4	6	33		bok.
				i	4	7	30		
				F	4	13			
316	,, 20	Bat.	I	e	2	16,5			
				F	2	25			
317	,, 20	S.L.	I _v	iP	23	37	24		
				iS	23	37	28		
				F	23	37,6			
318	,, 20	S.L.	I _v	iP	0	16	22		
				iS	0	16	26		
				F	0	16,7			
319	,, 21	Med.	I	i	4	21	52		
				i	4	26	36		
				F	5	3			
		Bat.	I	i	4	22	19		
				i	4	23	23		
				i	4	26	31		
				L	4	38	14	36	
				F	4	50			
320	,, 21	Bat.	I	eP	8	24	52		
				i	8	26	39		
				F	8	35			

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				h	m	s	sec	km
321	Aug. 21	Med.	I	19	2	58		
			eL	19	15,0		21	
			F	19	26			
322	,, 22	Bat.	I	11	20	47		
			i	11	27	28		
			L	11	38,3		18	
			F	11	52			
		Med.	II	11	33	53		
			i	11	35	47		
			i	11	37	58		
			F	12	0			
323	,, 24	Med.	I	12	16	8		
			L	12	26		24	
			F	12	47			
		Bat.	I	12	16	22		
			i	12	21	2		
			F	12	30			
324	,, 25	Med.	I	6	14	31		
			i	6	14	43		
			F	6	18			
325	,, 29	Med.	I _v	10	17	33		240
			iS	10	17	49		
			F	10	22			
326	,, 29	Bat.	I	10	27	3		
			i	10	27	45		
			F	10	32			
		Med.	I _r	10	27	15		2650
			S	10	31	25		
			F	10	42			
<u>September.</u>								
327	Sept. 1	Amb.	I _v	6	40,5			
			iS	6	40	44		
			F	6	43			
328	,, 3	Med.	I _u	12	8	42		5920
			iS	12	16	5		
			L	12	30		18	
			F	12	43			
		Bat.	I _u	12	8	53		6240
			i	12	9	55		
			iS	12	16	38		
			F	12	27			
329	,, 5	Amb.	L _v	21	56	6		120
			S	21	56	20		
			F	21	59			
330	,, 8	Amb.	L _v	13	28	48		100
			S	13	29	0		
			F	13	34			
331	,, 9	Amb.	II _v	6	46	56		240
			iS	6	47	23		
			F	7	9			
		Bat.	I _r	6	51	24		2960
			eS	6	55	56		
			F	7	8			
		Med.	I _r	6	52	55		3140
			S	6	57	38		
			F	7	16			

in minute eclipse.

N 76° E; Laboeha, Batjan
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					m	h	s	sec	km		
332	Sept.	9	Amb.	III _d	iP	13	39	8			off; destructive in N. Am.
			Mal.	I _r	e	17	43	52			boina. on: Sept 10, 0h 38 ^m
					i	17	44	6			
					i	17	44	25			
					i	17	47	46			
					L	17	52		20		
					F	17	59				
			Bat.	II _r	iP	13	43	59		2250	
					i	13	44	54			
					eS	13	47	38			
					i	13	49	19			
					F	14	19				
			Med.	II _r	Pw	13	45	19		3410	
					i	13	46	11			
					S	13	50	19			
					F	14	27				
333	,,	10	Amb.	I _v	P	0	43	36			Sept. 10-12 times not reliable.
					iS	0	43	40			
					F	0	45				
334	,,	10	,,	I _v	P	1	5	46			
					iS	1	5	50			
					F	1	6,4				
335	,,	10	,,	I _v	P	1	32	2		50	
					iS	1	32	8			
					F	1	34				
336	,,	10	,,	I _v	P	1	42	15		40	
					iS	1	42	20			
					F	1	43				
337	,,	10	,,	I _v	eP	1	43	58			
					iS	1	44	2			
					F	1	44,4				
338	,,	10	,,	I _v	eP	1	49	20		40	
					iS	1	49	25			
					F	1	51				
339	,,	10	,,	III _d	iP	1	54	22		40	off; on: 2h 1 ^m during 6' qu.
					iS	1	54	27			
340	,,	10	,,	I _v	P	2	2	29			
					iS	2	2	31			
					F	2	4				
341	,,	10	,,	I _v	P	2	4	36			
					iS	2	4	39			
					F	2	5				
342	,,	10	,,	II _v	iP	2	6	39			
343	,,	10	,,	I _v	iP	2	9	9			
					iS	2	9	12			
					F	2	10				
344	,,	10	,,	I _v	i	2	14	52			
345	,,	10	,,	I _v	i	2	15	28			
					F	2	17				
346	,,	10	,,	II _v	iP	2	37	10			
					iS	2	37	11			
					F	2	39				

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					h	m	s	sec	km	
347	Sept.	10	Amb.	Iv	P	2	40	28		
					iS	2	40	31		
					F	2	41			
348	,,	10	,,	IIId	iP	2	46	1		
					iS	2	46	5		off; on: 2h48m.
349	,,	10	,,	Iv	iP	2	49	51		50
					iS	2	49	57		
350	,,	10	,,	Iv	P	2	59	2		
					F	3	0			
351	,,	10	,,	Iv	P	3	8	50		40
					iS	3	8	55		
					F	3	11			
352	,,	10	,,	IIv	iP	3	50	0		
					iS	3	50	2		
353	,,	10	,,	Iv	i	3	55	1		
					F	3	56			
354	,,	10	,,	Iv	P	4	7	27		
					iS	4	7	30		
					F	4	9			
355	,,	10	,,	Iv	P	5	40	49		
					iS	5	40	51		
					F	5	42			
356	,,	10	,,	Iv	P	5	43	36		
					iS	5	43	40		
					F	5	45			
357	,,	10	,,	Iv	P	5	52	18		
					iS	5	52	22		
					F	5	55			
358	,,	10	,,	Iv	P	6	12	53		
					iS	6	12	56		
					F	6	14			
359	,,	10	,,	Iv	P	6	21	7		
					iS	6	21	10		
					F	6	23			
360	,,	10	,,	IIv	iP	6	24	22		
					iS	6	24	25		
					F	6	27			
361	,,	10	,,	IIIId	off	6	45	2		
					off	6	45	4		on 6h53m during e'qu.
362	,,	10	,,	Iv	P	9	15	19		
					iS	9	15	21		
					F	9	16			
363	,,	10	,,	Iv	P	9	20	26		
					iS	9	20	30		
					F	9	22			
364	,,	10	,,	Iv	iP	9	40	25		
					iS	9	40	28		
					F	9	43			
365	,,	10	,,	Iv	iP	9	48	7		
					iS	9	48	9		
					F	9	49			

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					h	m	s	sec	km	
366	Sept. 10	Amb.	I _v	iP	10	31	39			
				iS	10	31	42			
				F	10	32				
367	,, 10	,,	I _v	P	10	58	(12)			in minute eclipse.
				iS	10	58	18			
				F	10	59				
368	,, 10	,,	I _v	iP	11	21	27			
				F	11	23				
369	,, 10	,,	I _v	P	12	25	(12)			in minute eclipse.
				iS	12	25	17			
				F	12	26				
370	,, 10	,,	I _v	P	12	47	0			
				iS	12	47	3			
				F	12	48				
371	,, 10	,,	I _v	P	13	24	25			
				iS	13	24	28			
				F	13	25				
372	,, 10	,,	II _v	iP	13	35	9			in minute eclipse.
				S	13	35	(12)			
				F	13	39				
373	,, 10	,,	I _v	iP	13	45	55			
				F	13	47				
374	,, 10	Med.	I _v	e	13	57	13			
				F	14	3				
375	,, 10	Amb.	I _v	P	14	7	55			
				iS	14	7	58			
				F	14	10				
376	,, 10	,,	III _d	iP	14	38	22			off; on: Sept. 11, 0 ^h 55 ^m .
				iS	14	38	26			
377	,, 10	Med.	I _v	eP	15	9	45	1700		
				S?	15	10	5			
				F	15	13				
378	,, 11	Amb.	I _v	P	2	1	27			
				iS	2	1	30			
				F	2	3				
379	,, 11	,,	I _v	P	2	4	31			
				S	2	4	35			
				F	2	6				
380	,, 11	,,	III _d	iP	4	8	44			off 4 ^h 55 ^m ; on 10 ^h 38 ^m .
381	,, 11	,,	I _v	P	12	29	31			
				iS	12	39	35			
				F	12	30				
382	,, 11	,,	I _v	P	12	44	20			
				iS	12	44	22			
				F	12	46				
383	,, 11	,,	I _v	P	14	45	(12)			in minute eclipse.
				iS	14	45	19			
				F	14	47				
384	,, 11	,,	I _v	i	19	30	18			
				F	19	32				

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					h	m	s	sec	km	
385	Sept. 11	Amb.	I _v	P	20	16	54			
				iS	20	16	57			
				F	20	18				
386	,, 11	,,	I _v	P	22	40	2		80	
				iS	22	40	11			
				F	22	41				
387	,, 12	,,	II _v	iP	1	31	28			azimuth NE.
				iS	1	31	32			
				F	1	36				
388	,, 12	,,	I _v	P	2	45	12			in minute eclipse.
				S	2	45	-			
				F	2	47				
389	,, 12	,,	II _v	iP	5	35	24			
				iS	5	35	27			
				F	5	41				
390	,, 12	,,	I _v	P	5	43	20		50	
				S	5	43	26			
				F	5	45				
391	,, 12	,,	I _v	P	5	51	36			
				F	5	52				
392	,, 12	,,	I _v	P	7	27	25			
				iS	7	27	28			
				F	7	29				
393	,, 12	,,	II _v	iP	9	47	18			
				S	9	47	23			
				F	9	49				
394	,, 12	Mal.	II _v	iP	17	41	41		110	Tjibitoe, Priangan, W. Ja- va.
				iS	17	41	54			
				F	17	45				
		Bat.	I _v	iP _v	17	41	52		190	dilatation.
				P _w	17	41	53			
				iS _N	17	42	15			
				F	17	48				
395	,, 12	Amb.	I _v	P	19	53	59			
				iS	19	53	57			
				F	19	55				
396	,, 12	Mal.	I _v	P	20	12	8		190	
				iS	20	12	30			
				F	20	16				
		Bat.	I _v	iPE, v	20	12	20		300	compression.
				iS	20	12	54			
				i	20	14	1			
				F	20	21				
397	,, 13	Amb.	I _v	iP	5	37	45			
				iS	5	37	48			
398	,, 13	,,	I _v	iP	5	41	4			
				iS	5	41	8			
				F	5	42				
399	,, 13	S.L.	II _d	iP	10	22	0		70	
				iS	10	22	8			
				F	10	23				

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					h	m	s	sec.	km.	
496	Oct. 17	Amb.	I	e	13	30	28			
				e	13	35	11			
				L	13	44		17		
				F	14	0				
		Bat.	I	i	13	44	22			
				i	13	42	0			
				eL	13	58		20		
				F	14	0				
497	,, 17	Amb.	I _v	P	20	52	30		70	
				iS	20	52	38			
				F	20	55				
498	,, 18	Amb.	II _v	iP	4	10	25		85	
				iS	4	11	35			
				F	4	31				
		Bat.	I _r	P	4	13	43		1890	
				S	4	16	53			
				i	4	19	15			
				F	4	29				
		Mal.	I _r	eP	4	13	44		1900	no hour eclipses.
				i	4	13	52			
				S	4	16	55			
				F	4	19				
		Med.	I _r	PEW	4	14	59		2580	
				SNS	4	19	4			
				iN	4	20	21			
				F	4	40				
499	,, 20	Amb.	III _d	iP	19	6	8			azimuth SW.
				iS(off)	19	16	12			on Oct.21, 0 ^h 38 ^m
500	,, 20	Amb.	I _v	P	6	39	45		300	
				iS	6	40	19			
				F	6	45				
501	,, 21	Amb.	I	i	6	3	25			
				F	6	7				
502	,, 21	Amb.	I	i	10	57	11			
				i	10	57	15			
				i	10	57	38			
				F	11	3				
503	,, 21	Amb.	I	i ^{EW}	18	24	26			
				F	in next					
504	,, 21	Amb.	I _v	P	18	35	12		360	
				iS	18	35	53			
				F	18	40				
505	,, 22	Bat.	I	i _v	14	29	15			dilatation
				i	14	29	17			azimuth NE.
				i	14	30	27			
				F	14	40				
506	,, 22	Amb.	I _v	iP	17	42	59		40	
				iS	17	43	4			
				F	17	46				
507	,, 22	Amb.	I _v	iP	18	3	52		40	
				iS	18	3	57			
				F	18	5				
508	,, 22	Amb.	I _v	iP	18	16	4			
				iS	18	16	8			
				F	18	18				

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					h	m	s	sec.	km.	
509	Oct. 22	Amb.	I _v	iP	21	19	35			
				iS	21	19	39			
				F	21	21				
510	,, 23	Amb.	III _d	iP	0	14	ca			during changing papers strong shock threw off pens; Ceram: strong shock.
		Bat.	I	P	0	13	ca			during changing papers.
				i	0	17	42			
				i	0	21	35			
				L	0	26		16		
				F	0	44				
		Med.	I	e	0	18				
				i	0	24	14			
				F	0	39				
511	,, 23	Amb.	I _v	P	0	29	27			
				iS	0	29	50			
				F	0	30				
512	,, 23	Amb.	I _v	iP	1	52	19			
				iS	1	52	22			
				F	2	2				
513	,, 25	Amb.	I _v	P	12	10	25			
				iS	12	10	28			
				F	12	12				
514	,, 23	Amb.	I _v	iP	14	28	0			
				S	14	28,1				in minute eclipse
				F	14	30				
515	,, 25	Mal.	I _v	eP	15	50	5		70	
				iS	15	50	13			
				F	15	52				
516	,, 23	Amb.	I _v	iP	20	12	42			
				iS	20	12	45			
				F	20	14				
517	,, 25	Bat.	I _v	eP	12	33	13		150	
				S	12	33	30			
				F	12	36				
518	,, 25	Bat.	I	i _v	17	11	55			compression.
				i _v	17	13	20			
				i	17	19	49			WNW.
				e _v	17	20	5			
				F	17	24				
519	,, 26	Med.	II _d	iP	8	12	41			North Sumatra
				off	8	12	46			on: 8 ^h 16 ^m
				F	8	19				
520	,, 26	Amb.	I _v	P	17	53	52			
				iS	17	53	55			
				F	17	55				
521	,, 26	Bat.	I _v	P _v	18	7	39		120	
				eP _{EW}	18	7	42			
				iS _v	18	7	55			
				iS	18	7	56			
				F	18	11				
		Mal.	I _v	P	18	7	43		160	
				S	18	8	2			
				F	18	9				

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					h	m	s	sec.	km.	
522	Oct. 28	Bat.	L _v	P	16	33	40		455	
				S	16	34	31			
				F	16	41				
523	,, 28	Med.	L _v	P _N	20	33	17		170	
				iP	20	33	18			
				S	20	33	37			
				F	20	35				
524	,, 29	Med.	I	e	11	18,5				
				L	11	36		15.5		
				F	12	7				
525	,, 30	Med.	I	i ^{EW}	20	59	26			
				i ^N	21	9	26			
				L	21	40		22		
				F	22	8				
		Bat.	I	e	21	4,4				
				i	21	5,24				
				e	21	10,4				
				F	21	22				
526	,, 31	Amb.	L _v	P	23	35	47		(270)	
				S	23	36,3				in minute eclipse
				F	23	40				
N O V E M B E R.										
527	Nov. 2	Amb.	L _v	P	2	19	54			
				iS	2	19	57			
				F	2	22				
528	,, 2	Amb.	I	e	11	23	3			
				e	11	32,8				
				F	11	43				
		Med.	I	i	11	24	0			
				F	11	41				
		Bat.	I	i	11	26	5			
				F	11	40				
529	,, 2	Amb.	L _v	P	14	19	19			
				iS	14	19	23			
				F	14	22				
530	,, 2	Bat.	L _v	i	17	25	31		160	
				iP	17	25	34			
				iS	17	25	52			
				F	17	28				
531	,, 2	Mal.	L _v	P	18	44	35		110	W. Priangan.
				iS	18	44	48			
				F	18	46				
532	,, 2	Mal.	L _v	P	20	41	14		120	
				iS	20	41	28			
				F	20	42				
533	,, 3	Amb.	L _v	iP	13	19,1				no time marks
				iS	13	19,2				
				F	13	22				
534	,, 3	Amb.	L _v	iP	13	30,9				no time marks
				S	13	31,0				
				F	13	32				

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					h	m	s	sec.	km.	
535	Nov. 3	Amb.	I	e	19	47,7				no time marks
				e	19	51,4				
				F	19	58				
536	,, 4	Amb.	I _v	P	3	27	45			
				iS	3	27	48			
				F	3	28				
537	,, 5	Amb.	I _v	P	0	9	32			
				iS	0	9	35			
				F	0	14				
538	,, 6	Amb.	I _v	i	16	14	34			
				F	16	16				
539	,, 8	Bat.	I	e	13	8	39			
				i	13	8	53			
				i	13	10	1			
				i	13	11	31			
				F	13	19				
540	,, 9	Amb.	I _v	iP	18	10	47		70	
				iS	18	10	55			
				F	18	12				
541	,, 9	Med.	I _r	eP ₁	18	35	26		2700	two shocks?
				iP ₂	18	36	21		2650	
				iS ₁	18	39	39			
				iS ₂	18	40	31			
				F ²	18	48				
542	,, 9	Med.	I _v	eP	20	22	22		250	
				iS	20	22	50			
				F	20	29				
543	,, 11	Bat.	II _v	e _v	18	52	11		160	
				e	18	52	14			
				iP _v	18	52	30			dilatation
				iP	18	52	33			azimuth ENE.
				iS	18	52	52			
				i	18	54	57			
				F	19	8				
544	,, 13	Amb.	I _v	iP	0	55	1			
				iS	0	55	3			
				F	0	57				
545	,, 13	Amb.	I _r	iP	4	55	7		4990	azimuth WSW.
				iS	5	1	41			
				i	5	2	23			
				i	5	3	36			
				F	5	20				
		Med.	II _u	P	4	55	37		5370	
				iS	5	2	35			
				i	5	3	33			
				F	5	50				
		Bat.	II _u	iP _v	4	56	10		5820	compression
				iP	4	56	11			dilatation
				i _v	4	57	17			
				i	4	57	19			
				iS	5	3	34			
				eL	5	22,6		16		
				F	5	55				

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				h	m	s	sec.	km.	
546	Nov. 17	Amb.	I _v	P	3	30	16		
				iS	3	30	19		
				F	3	32			
547	,, 17	Bat.	I	e	5	18	1		
				e	5	18	44		
				F	5	22			
548	,, 17	Amb.	I _v	P	11	2	32		330
				iS	11	3	10		
				F	11	7			
549	,, 18	Amb.	I _v	iP	6	30	14		
				iS	6	30	16		
				F	6	31			
550	,, 18	Amb.	II _v	iP	13	48	45		560
				iS	13	49	46		
				F	14	18			
		Bat.	I _r	iP _v	13	51	7		2090
				iP	13	51	9		
				iS	13	54	35		
				F	14	18			
		Med.	I _r	iP	13	52	18		2540
				iS	13	56	20		
				F	14	25			
551	,, 20	Med.	I _v	P	9	18	38		110
				iS	9	18	51		
				F	9	24			
552	,, 21	Amb.	I _v	P	12	58	53		
				iS	12	58	56		
				F	13	0			
553	,, 22	Amb.	II _v	iP	14	52	42		460?
				S?	14	53	34		
				F	15	28			
		Bat.	I _r	P	14	55	41		2180
				iS	14	59	15		
				F	15	12			
		Mal.	I _r	eP	14	55,7		(1840)	no time eclipses.
				i	14	55,8			
				S	14	58,8			
				F	15	0			
		Med.	I	i	14	57	24		
				F	15	23			
554	,, 24	Amb.	I _v	P	14	15	16		
				S	14	15	19		
				F	14	17			
555	,, 26	Amb.	I _u	P	4	32	32		5220
				S	4	39	20		
				i	4	39	50		
				F	in next				
		Med.	I _u	eP	4	33	34		5540
				iS	4	40	42		
				F	5	19			
		Bat.	I _u	P	4	33	51		6370
				iS	4	41	44		
				F	5	4			

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					h	m	s	sec.	km.	
556	Nov. 26	Amb.	III _d	iP	4	47	39		80	felt.
				iS	4	47	48			
				off	4	47	51			on: 9 ^h 6 ^m .
557	,, 27	Amb.	I _v	iP	18	10	1			
				iS	18	10	4			
				F	18	11				
558	,, 27	Amb.	III _d	iP	19	4	47		40	felt.
				off	19	4	52			on: 24 ^h 35 ^m .
559	,, 28	Med.	I _v	iP	0	53	39		(30)	
				iS	0	53	43			
				F	0	55				
560	,, 29	Amb.	I _r	P	1	55	6		4390	
				S	2	1	3			
				F	2	9				
		Bat.	I _u	iP	1	57	41		6990	
				S	2	6	12			
				F	2	10				
		Med.	I _u	i	1	58	54			
				F	2	19				
561	,, 29	Bat.	I	e	11	30	9			
				i	11	34	11			
				F	11	39				
		Amb.	I	i	11	30	24			
				i	11	33	13			
				F	11	41				
		Med.	I	P	11	30	41			
				i	11	31	27			
				eL	12	30		22.5		
				F	12	39				
562	,, 30	Amb.	I _v	iP	4	59	55		390	
				iS	5	0	39			
				F	5	3				
<u>DECEMBER</u>										
563	Dec. 1	Mal.	I _v	P	6	2	0		100	
				iS	6	2	12			
				F	6	3				
564	,, 1	Amb.	III _d	iP	8	0	9			felt.
				iS(off)	8	0	13			on: 8 ^h 38 ^m .
565	,, 2	Amb.	I _v	iP	2	57	22			
				iS	2	57	26			
				F	2	59				
566	,, 2	Amb.	II _d	iP	4	21	55			felt.
				iS	4	21	59			
				F	4	24				
567	,, 2	Amb.	I _v	eP	13	44	10		320	
				S	13	44	47			
				F	13	49				

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				h	m	s	sec.	km.		
568	Dec. 4	Amb.	II _V	iP	8	13	34	20	980?	Minahasa and E. Borneo azimuth iP: NW.
				S?	8	15	18			
				L	9	15				
	Bat.	III _r	F	9	30		15	2080	S 63.8° W. dilatation Bosch	
			iP	8	15	7				
			iP _v	8	15	9				
			P	8	15	12				
			S _{sp}	8	18	32				
			iS	8	18	36				
	Mal.	III _r	L _v	8	40		18	1930		
			F	9	20					
			iP	8	15	12				
	Med.	III _r	iS	8	18	26	2990	ESE		
			L	8	22					
			F	8	43					
iP			8	16	26					
i			8	16	40					
i			8	17	25					
iS	8	21	0							
F	9	50								
569	,, 4	Amb.	I _v	iP	10	35	14	980?	Manado and E. Borneo	
				S?	10	36	59			
				F	11	4				
		Bat.	II _r	eP _v	10	36	50	2110	dilatation WSW.	
				iP _v	10	36	53			
				iP	10	36	55			
				S	10	44	23			
		Mal.	I _r	F	11	3		1930		
				P	10	36	58			
				iS	10	40	12			
		Med.	II _r	F	10	48		3040		
				iP	10	38	9			
S	10			42	47					
F	11	20								
570	,, 5	Med.	I _v	P	21	34	29	180	Tjalang, Atjeh	
				iS	21	34	50			
				F	21	38				
571	,, 6	Med.	I _v	eP	23	32	10	350		
				iS	23	32	50			
				F	23	38				
572	,, 7	Amb.	I _v	P	8	21	44			
				S	8	22	48			
				F	8	32				
573	,, 7	Bat.	I _r	P _v	16	41	55	1280	faint compression disturbed by micros.	
				P	16	41	57			
				i	16	42	27			
				S?	16	44	11			
				F	16	54				
				F	16	54				
		Med.	I	i _w	16	42	16			
				i	16	42	39			
				F	16	52				
574	,, 7	Amb.	I _v	P	16	46	28			
				iS	16	46	31			
				F	16	48				



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				h	m	s	sec.	km.
575	Dec. 7	Amb.	IL _v	iP	23	43	21	620
				iS	23	44	28	
				F	23	56		
576	,, 10	Bat.	L _v	iP _v	0	40	20	150
				P	0	40	22	
				iS	0	40	39	
		Mal.	L _v	F	0	44		150
				P	0	40	23	
				iS	0	40	40	
				F	0	42		
577	,, 10	Bat.	I	e	4	7,9		
				i	4	16	41	
				i	4	17	39	
				F	4	22		
		Med.	I	e	4	17		
				e	4	27	24	
				F	4	31		
578	,, 11	Med.	II	iP	4	27	12	
				iEW	4	28	11	
				i	4	30	27	
				F	5	22		
		Bat.	I	e	4	28	33	
				iEW	4	37	45	
				i	4	40	20	
				F	4	55		
579	,, 11	Med.	I	e	7	37	40	
				e	7	40	17	
				F	7	57		
580	,, 12	Bat.	L _v	iP _v	20	11	22	220
				P	20	11	23	
				iS	20	11	48	
				F	20	16		280
		Mal.	L _v	P	20	11	36	
				S	20	12	8	
				F	20	14		
581	,, 14	Mal.	L _v	P	13	14	1	60
				S	13	14	8	
				F	13	15		
582	,, 15	Mal.	L _v	P	19	6	29	130
				S	19	6	44	
				F	19	8		
583	,, 15	Med.	L _u	i	19	38,6		17
				i	19	41,9		
				L	19	47		
				F	20	1		
		Amb.	L _u	iPW	19	39	16	
				i	19	41	46	
				iNS	19	50	10	
				F	19	54		
		Bat.	L _u	iNS	19	41	12	
				i	19	44	52	
				F	19	52		

azimuth ESE.

no time eclipses
phases masked by
micros.

Seismological Bulletin 1932.

Royal Magnetical and Meteorological Observatory

Batavia, Java.



Foundation: River Quaternary.

Greenwich Civil Time. Height above sealevel 8 m.

S. Latitude $6^{\circ}11'0''$. E. Longitude $7^{\text{h}} 7^{\text{m}} 20.3^{\text{s}}$.

Wiechert Horizontal Pendulum, 1000 kilograms, NS and EW components,

Wiechert Vertical Pendulum, 1300 kilograms

Bosch-Omori seismograph, 25 kilograms.

MALABAR.

Foundation: Volcanic.

S. Latitude $7^{\circ} 13'$; E. Longitude $107^{\circ} 37'$; Height above sea-level 1550 m. Wiechert Horizontal Pendulum 100 kg, NS and EW component. Since July 1911. Time Signals by Malabar Radio.

Possession of Mr. R. A. Kerkhoven.

AMBOINA.

Foundation: Quaternary.

S. Latitude $3^{\circ} 42'$; E. Longitude $128^{\circ} 10'$; Height above sea-level 4 m. Wiechert Horizontal Pendulum 1000 kg, NS and EW component. Since October 1924. Time Signals by Malabar Radio.

MEDAN.

Foundation: Quaternary.

N. Latitude $3^{\circ} 35'$; E. Longitude $98^{\circ}41'$; Height above sea-level 25 m. Wiechert Horizontal Pendulum 1000 kg, NS and EW component. Since July 24th, 1929. Time Signals by Malabar Radio.

SOENGEI LANGKA.

S. Latitude $5^{\circ} 24' S$; E. Longitude $105^{\circ}13'$. Height above sea-level m. Bosch-Omori, NS component. Since September 5, 1931. Time Signals unreliable.

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Seismological
Centre

1932	EW component			NS component			V component		
	V	T ₀	E	V	T ₀	E	V	T ₀	E
January	220	6.9	3.4	200	6.7	3.7	330	4.7	3.7
February	220	6.9	3.3	200	6.7	3.8	330	4.7	3.6
March	220	7.1	3.3	200	7.1	4.0	330	4.7	3.6

	e ₀ r		e ₀ r		e ₀ r	
	e ₀	r	e ₀	r	e ₀	r
January	1.17	0.5	1.12	0.9	1.14	0.6
February	1.13	0.4	1.13	1.0	1.16	0.7
March	1.12	0.4	1.14	0.9	1.17	0.9

January.

1	Jan.	1 Bat.	I _v	eP	16 45 56	930
				S	16 47 36	
				F	16 55	
2	,,	2 Bat.	I _v	P	18 23 8	690
				S	18 24 22	
				F	18 30	
3	,,	3 Bat.	I	i	8 0 24	
				F	8 6	
4	,,	3 Amb.	III _d	iP	8 11 10	40 destructive at Saparoea, Ceram.
				off	8 11 14	
				on	9 11	
5	,,	3 Amb.	II _v	iP	9 27 42	40
				iS	9 27 46	
				F	9 36	
6	,,	3 Mal.	I _v	iP	10 59 22	
				iS	10 59 23	
				F	10 59 51	
7	,,	3 Amb.	I _v	P	13 23 54	40
				S	12 23 58	
				F	in next	

Batavia 1932.

8	Jan.	3	Amb.	I _v	P 13 25 34 iS 13 25 38 F 13 28	40	
9	,,	3	Amb.	I _v	P 13 48 47 S 13 48 52 F 13 50	40	
10	,,	4	Amb.	I _v	P 23 52 3 iS 23 52 9 F 23 56	50	
11	,,	5	Bat.	I	e 0 40,7 i 0 43 54 F 0 50		
			Amb.	I	P 0 38 28 S? 0 39 30 F 0 49	570?	
12	Jan.	6	Amb.	I _v	P 4 29 29 S 4 29 34 F 4 31	40	
13	,,	7	Amb.	I _v	P 6 52 51 S 6 52 55 F in next	40	
14	,,	7	Amb.	I _v	P 6 54 41 S 6 54 45 F 6 56	40	
15	,,	7	Amb.	II _v	P 23 53 40 S 23 53 44 F 23 57	40	Saparoea.
16	,,	8	Amb.	I _v	P 0 18 45 S 0 18 49 F 0 20	40	
17	,,	8	Amb.	I _v	P 2 5,2 iS 2 5 17 F in next		01 in minute eclipse.
18	,,	8	Amb.	I _v	P 2 7 54 S 2 7 59 F 2 10	40	
19	,,	8	Amb.	I _v	P 12 27 10 S 12 27 15 F 12 29	40	
20	,,	8	Amb.	II _d	iP 13 40 47 iS 13 40 51 F 13 43	40	
21	,,	8	Amb.	II _d	P 17 23 0 iS 17 23 8 F 17 31		in minute eclipse.

Batavia 1932.

22	Jan.	9	Bat.	II _r	P _w	10	29	40		4860
					S	13	36	5		
					eL	10	50		25	
					eL	10	55		16.5	
					F	11	5			
			Mal.	I _r	eP	10	29	45		4720
					iP	10	29	46		
					iS	10	36	2		
					F	10	38			
			Amb.	II	iP	10	26	49		
					i	10	27	15		
					i	10	28	12		
					F	11	6			
23	,,	9	Amb.	III _d	iP	14	14	30		
					off	14	14	48		
24	,,	10	Amb.	I _v	P	11	58	42		190
					S	11	59	4		
					F	12	7			
25	,,	10	Amb.	II _v	iP	12	18	4		100
					S	12	18	16		
					F	12	24			
26	,,	10	Amb.	I _v	P	14	34	30		40
					iS	14	34	34		
					F	14	37			
27	,,	11	Amb.	II _v	iP	21	30	32		40
					S	21	30	36		
					F	21	34			
28	,,	11	Amb.	III _d	iP	2	26	44		(40)
					off	2	26	47		Saparoea.
					on	2	30			
					F	2	49			
29	,,	11	Amb.	I _v	P	5	13,7			in minute eclipse.
					S	5	13	45		
					F	5	16			
30	,,	11	Amb.	I _v	iP	7	11	24		40
					iS	7	11	28		
					F	7	13			
31	,,	11	Bat.	I _v	eP	17	24	8		180
					S	17	24	29		
					F	17	31			
			Mal.	I _v	eP	17	24	49		50?
					S?	17	24	55		
					F	17	26			
32	,,	12	Mal.	II _v	P	7	6	19		130
					iS	7	6	34		
					F	7	9			
33	,,	12	Amb.	I _v	iP	12	48	32		40
					S	12	48	37		
					F	12	52			
34	,,	12	Amb.	I _v	P	20	1	32		40
					iS	20	1	36		
					F	20	5			

Batavia 1932.



35	Jan.	13	Amb.	II _v	iP	0 41 23	40	
					iS	0 41 28		
					F	0 47		
36	,,	13	Amb.	III _v	iP	2 9 6	40	
					S	2 9 11		
					F	in next		
37	,,	13	Amb.	I _v	iP	2 15 0	40	
					S	2 15 5		
					F	2 20		
38	,,	13	Amb.	I _v	P	2 46 53	40	
					iS	2 46 57		
					F	2 49		
39	,,	14	Amb.	I _v	P	4 54 21	30	
					S	4 54 24		
					F	4 56		
40	,,	16	Amb.	I	i	5 57 45		
					F	6 4		
41	,,	16	Mal.	I _v	P	9 20 18	80	
					iS	9 20 37		
					F	9 22		
42	,,	16	Mal.	I _v	eP	17 10 14	210	
					iS	17 10 38		
					F	17 13		
43	,,	17	Amb.	I _v	P	1 41 54	40	
					S	1 41 58		
					F	1 44		
44	,,	17	Mal.	I _v	eP	10 17,5	(120)	
					S	10 17 51		
					F	10 19		
45	,,	17	Amb.	I _v	P	13 53 43	40	
					S	13 53 47		
					F	13 56		
46	,,	20	Amb.	II _v	iP	5 36 15	70	
					iS	5 36 23		
					F	5 43		
47	,,	20	Amb.	I _v	P	13 45 36	40	
					S	13 45 40		
					F	13 47		
48	,,	21	Bat.	I	iP	14 51 14		azimuth NNE.
					F	14 56		
49	,,	21	Mal.	I	i	21 13 38		
					F	21 17		
50	,,	21	Amb.	II _v	iP	23 23 6	80	
					iS	23 23 15		
					F	23 28		

Batavia 1932.



51 Jan. 23 Bat.	I	iEW	3 54 42		
		i	4 3 49		
		L	4 20	21	
		F	4 28		
Amb.	I	iP	3 52 6		
		i	3 58 22		
		L	4 7	19	
		M	4 9 48	18	
		F	4 35		
Med.	I _u	PEW	3 56 59		7650
		i	3 57 53		
		S	4 5 59		
		L	4 26	25	
		L	4 30	18	
		F	4 47		
52 ,, 24 Amb.	I	eP	18 15 22	(40)	
		S	18 15,5		in minute eclipse.
		F	18 17		
53 ,, 27 Bat.	I _v	P	6 38 38		240 East Priangan (W.Java).
		S?	6 39 5		
		i	6 40 13		
		F	6 45		
Mal.	II _v	iP	6 38 25	90	
		iS	6 38 36		
		F	6 44		
54 ,, 29 Bat.	II _u	PEW	13 49 52		5060
		iS	13 56 31		
		F	in next		
Amb.	II _r	iP	13 46 52		3220
		i	13 46 59		
		i	13 47 43		
		iS	13 51 40		
		i	13 52 6		
		L	14 0 10	20	
		F	in next		
Mal.	I _u	P	13 49 52		5260
		i	13 51 7		
		iS	13 56 43		
		F	14 6		
Med.	II _u	PEW	13 50 58		6320
		S	13 58 48		
		F	14 46		
55 ,, 29 Bat.	I _r	eP	14 16 33		4560 overlapped by No. 10.
		iS	14 22 40		
		F	14 38		
Amb.	I _r	eP	14 13 54		3500 overlapped by No. 10.
		S	14 19 0		
		F	15 8		
56 ,, 29 Bat.	I _u	eP	15 47 46		5270
		iS	15 54 36		
		L	16 1		
		F	16 8		
Amb.	I _r	P	15 44 49		2680
		i	15 45 26		
		iS	15 49 15		
		i	15 50 33		
		eL	15 56	21	
		F	16 17		

Batavia 1932.

	Med.	Iu	eP	15 48 52	6320
			iS	15 56 42	
			L	16 15	17
			F	16 47	
57 Jan. 30	Bat.	I	i	3 13 36	
			L	3 37	18
			F	3 48	
	Med.	I	eP	3 14 51	
			i	3 22 54	
			F	4 4	
58 ,, 30	Mal.	Iv	P	15 12 12	100 Daradjat (E. Priangan).
			S	15 12 24	
			F	15 14	
59 ,, 31	Bat.	I	i	16 9 34	
			i	16 16 11	
			F	16 36	
	Amb.	I	i	16 6 46	
			i	16 12 40	
			F	16 33	
	Med.	I	e	16 12,0	
			i	16 21 53	
			F	16 32	
60 ,, 31	Amb.	Iv	P	21 10 48	70
			iS	21 10 56	
			F	21 17	
61 ,, 31	Bat.	I	e	21 39 9	Atjeh.
			i	21 43 42	
			i	21 44 48	
			F	21 49	
	Med.	IIIv	iP	21 37 2	210
			iS	21 37 26	
			F	21 55	

February.

62 Feb. 1	Mal.	Iv	P	8 42 45	130
			S	8 43 0	
			F	8 43 35	
63 ,, 2	Bat.	Iv	PEW	5 30 3	200 Bantam (W. Java).
			iS	5 30 26	
			F	5 34	
	Mal.	Iv	eP	5 30 9	270
			S	5 30 40	
			F	5 32	
64 ,, 3	Bat.	I	i	6 37 25	
			F	6 59	
	Med.	I	e	6 37 1	
			F	7 10	
65 ,, 3	Bat.	I	i	7 42 27	
			i	7 48 38	
			F	7 59	
	Med.	I	e	7 42 25	
			i	7 48 39	
			i	7 49 49	
			L	7 54 36	20
			F	8 7	

February 1932.

66 Feb. 4 Amb. III_v iP 5 23 11
iS 5 23 13
F 5 25

100

67 ,, 5 Bat. I i 13 58 53
i 14 0 43
F 14 15
Med. II_u P 13 48 23
i 13 48 28
S 13 55 16
i 13 55 47
F 14 18

5290

68 ,, 7 S.L. I_d eP 2 51 38
eS 2 51 43
F 2 52

69 ,, 8 Bat. I_v eP 9 21 50
S? 9 22 54
F 9 31

580?

70 ,, 8 Med. I e 19 46,2
i 19 49 14
F 20 8

71 ,, 12 Bat. I e 0 57 26
i 1 5 1
F 1 21
Med. I e 1 4 31
i 1 6 57
L 2 22
F 2 34

17

72 ,, 12 Med. I e 23 46 45
F 23 52

73 ,, 13 Amb. I_v P 22 0 40
S 22 1 12
F 22 3

280

74 ,, 14 Bat. I i 23 21 21
i 23 22 8
i 23 31 48
i 23 34 50
F 24 4
Med. II i 23 21 9
i 23 29 23
i 23 33 46
F 24 23

75 ,, 16 Bat. I_v eP 7 14 22
S 7 15 25
i 7 15 47
F 7 18

580

76 ,, 16 Bat. I P 14 0 18
i 14 1 18
i 14 9 40
i 14 13 47
L 14 33,3
F 14 49
Med. I i 14 1 37
i 14 5 24
L 14 42
F 15 4

20.0

21

Batavia 1932.

	Amb.	I	P	13 57 4		
			L	14 19 44	20.5	
			F	14 30		
77 Feb.	21 Bat.	I	e	16 9 35		
			i	16 10 54		
			F	16 17		
78 ,,	23 Bat.	I	e	0 31 23		
			i	0 37 59		
			i	0 38 44		
			F	0 40		
	Med.	I	P	0 (38)		starting during changing papers.
			?	0 39 23		
			L	1 3	21	
			F	1 26		
79 ,,	23 Bat.	I	e	7 40 11		
			i	7 41 10		
			F	7 47		
80 ,,	23 Bat.	I	e	20 20 46		
			e	20 28 10		
			F	20 36		
81 ,,	26 Bat.	I _r	P	11 34 50	1860	
			iS	11 37 57		
			F	11 48		

March.

82 March	1 Med.	I	eP	1 9 39		
			i	1 9 59		
			i	1 10 16		
			F	1 14		
83 ,,	2 Bat.	I _v	iP	17 3 2	370	dilatation.
			iS	17 3 44		
			F	17 8		
	Mal.	I _v	iP	17 2 52	300	
			iS	17 3 26		
			F	17 4 50		
84 ,,	2 Bat.	I	e	14 58 24		NE Tapanoeli and Sumatra's Westkust.
			i	15 0 8		
			F	15 5		
	Med.	II _v	P	14 54 49	320	
			i	14 55 55		
			iS	14 55 25		
			F	15 13		
85 ,,	3 Bat.	I _v	i	9 31 9		
			F	9 35		
	Mal.	I _v	P	9 30 38	160?	
			S?	9 30 56		
			F	9 32		

Batavia 1932.

86	March	4	Med.	I _v	eP	12	18	48	400	
					S	12	19	33		
					F	12	26			
-	,,	4	Amb.	III _d	iP	21	15	53	70	NE Amboina. off.
					iS	21	16	1		
87	,,	5	Bat.	I _v	iP _v	21	3	54	150	dilatation. Bantam (W. Java).
					P	21	3	55		
					iS	21	4	11		
					F	21	7			
88	,,	6	Bat.	II _v	iP	6	21	13	130	NE; dilatation. Bantam (W. Java).
					iS	6	21	38		
					F	6	32			
			Mal.	II _v	i	6	21	16	230	
					iP	6	21	18		
					iS	6	21	44		
					F	6	26			
89	,,	6	Med.	II	P	21	53	23		
					i	21	57	9		
					i	22	58	23		
					F	23	10			
90	,,	8	Bat.	I	e	3	21	1		
					F	14	15	4		
			Amb.	I	i	3	16	41		
					i	3	18	2		
					F	3	36			
			Med.	I	e	3	21,4			
					e	3	27	42		
					F	3	39			
91	,,	8	Amb.	I	i	18	10	4		
					i	18	17	53		
					L	18	33		175	
					F	18	42			
92	,,	8	Amb.	I _v	P	21	14	37	(40)	
					iS	21	14	41		
					F	21	18			
93	,,	11	Mal.	I _v	iP	11	44	11	100	Priangan (W. Java).
					iS	11	44	23		
					F	11	45	33		
94	,,	13	Bat.	I _v	i	14	15	4	130	NNE; dilatation. Priangan (W. Java).
					iP	14	15	6		
					iS	14	15	21		
					i	14	16	29		
					F	14	20			
			Mal.	III _v	iP	14	14	51	85	
					iS	14	15	1		
					F	14	17	51		
95	,,	13	Amb.	I _v	iP	18	10	22	100	
					iS	18	10	34		
					F	18	17			

Batavia 1932.

96	March 13	Amb.	I _v	P	18 23 52	90
				iS	18 24 3	
				F	18 26	
97	,,	14 Bat.	I	e	23 3 2	
				i	23 9 4	
				F	23 25	
98	,,	15 Bat.	I	i _v	4 40 1	dilatation.
				i	4 40 2	
				i	4 41 41	
				i	4 46 16	
				F	5 5	
		Med.	I	iEW	4 40 39	
				i	4 47 23	
				F	5 25	
		Amb.	I	i	4 37 12	
				F	4 55	
99	,,	18 Bat.	I	i	5 24 10	
				i	5 30 28	
				F	6 2	
		Med.	I _r	P	5 23 51	4700
				S	5 30 7	
				i	5 35 38	
				i	5 36 21	
				F	6 30	
100	,,	19 Bat.	I	i _v	11 8 2	dilatation.
				i	11 8 5	
				i	11 14 40	
				F	11 31	
		Med.	I	P	11 9 1	
				i	11 15 48	
				L	11 26 17	22
				F	11 55	
		Amb.	I _r	iP	11 5 24	3870
				iS	11 10 52	
				L	11 17 20	20
				F	11 37	
101	,,	19 Amb.	I	i	23 15 56	
				F	23 30	
102	,,	20 Med.	II _v	i	0 21 45	170 Tapanoeli and Oostkust van Sumatra.
				iP	0 21 48	
				iS	0 22 8	
				F	0 31	
103	,,	20 Med.	I _v	eP	13 54 36	520
				S	13 55 33	
				F	14 7	
104	,,	24 Med.	I	e	16 3 5	
				i	16 13 38	
				i	16 17 9	
				F	16 43	

Batavia 1932.

105	March 25	Amb.	I iP	23 34 57		
			i	23 45 23		
			F	23 56		
106	,,	26 Bat.	I e	0 9 37		
			e	0 16 0		
			i	0 25 48		
			L	0 53	27	
			M	0 58 26	15	
			M	1 4 30	18	
			F	1 10		
		Med.	I e	0 11 17		
			L	0 43	33	
			L	0 46 11	27	
			M	0 51 15	17	
			F	1 25		
107	,,	26 Bat.	III _r iP _v	9 57 11		2650 dilatation.
			iP	9 57 12		ESE
			iS	10 1 32		Moluccas.
			L _v	10 5 38	16	
			F	10 59		
		Mal.	II _r iP	9 57 7		2430
			iS	10 1 1		
			F	10 14		
		Med.	II _r iP	9 55 2		4100
			i	9 56 18		
			iS	10 0 41		
			i	10 3 15		
			F	11 25		
		Amb.	III _d iP	9 48 0	off.	time uncertain.
			F	10 55		
108	,,	26 Amb.	II _v iP	10 57 45		(40)
			iS	10 57 49		
			F	11 9		
109	,,	26 Amb.	I _v eP	11 56 24		(40)
			iS	11 56 29		
			F	11 57		
110	,,	26 Amb.	I _v eP	12 28 58		70
			S	12 29 6		
			F	12 31 11		
111	,,	26 Amb.	I _v P	12 41 58		85
			S	12 42 8		
			F	12 51		
112	,,	26 Amb.	II _v iP	13 26 28		-
			iS	13 26,6		in minute eclipse.
			F			
113	,,	26 Amb.	I _v eP	16 41 3		80
			iS	16 41 12		
			F	16 46		

Batavia 1932.

No.	Date	Station	Type	Phase	Time	Distance	Notes	
114	March 27	Bat.	I	iP _v	0 52 32		Compression.	
				P	0 52 33			
				i	0 53 17			
				i	0 54 48			
				F	1 5			
S.L.	I _v	P	0 52 25	250				
		S	0 52 53					
		F	0 55					
115	,, 27	Med.	I	P	8 47 11			
				i	8 56 18			
				i	8 56 57			
				F	9 11			
116	,, 27	Amb.	I _v	P	9 29 20	60		
				iS	9 29 27			
				F	9 35			
117	,, 27	Amb.	II _v	P	19 33 24	60		
				S	19 33 31			
				F	19 50			
118	,, 28	Bat.	III _v	iP _v	0 37 41	850	compression. WNW.	
				iP	0 37 42			
				iS	0 39 13			
				F	1 48			
		Mal.	III _v	i	0 37 48	600		
				iP	0 37 51			
				iS	0 38 56			
		Med.	II	eP	0 38 6			
				i	0 40 29			
				i	0 42 10			
		S.L.	II	F	2 25			
				e	0 37 50			
				i	0 42 0			
F								
							F	0 56
119	,, 28	Amb.	I _v	iP	13 23 14	90		
				iS	13 23 25			
				F	13 32			
120	,, 29	Amb.	I _v	P	3 18 41	60		
				iS	3 18 48			
				F	3 23			
121	,, 29	Amb.	I _v	P	18 43,5		in minute eclipse.	
				iS	18 43 44			
				F	19 1			
122	,, 29	Med.	I _v	eP	20 0 4	440		
				eS	20 0 53			
				F	20 3			
123	,, 30	Amb.	I _v	eP	7 59 49	50		
				iS	7 59 55			
				F	8 3			
124	,, 30	Amb.	I _v	P	9 2 1	40		
				iS	9 2 6			
				F	9 8			

Batavia 1932.

125	March 30	Bat.	I	i	15 10 10	
				i	15 16 55	
				F	15 24	
		Amb.	I	i	15 7 11	
				i	15 12 19	
				F	15 22	
		Med.	I	o	15 8 39	
				i	15 17 16	
				i	15 17 38	
				F	15 31	
126	,,	30 Bat.	II _d	iP _v	17 30 37	150 dilatation.
				i	17 30 38	NNE. West-Java.
				iP	17 30 39	
				iS	17 30 56	
				F	17 42	
		Mal.	III _d	P	17 30 28	140 SSW.
				iS	17 30 44	
				F	17 35	
127	,,	31 Amb.	I _v	P	4 55 5	(40)
				iS	4 55 9	
				F	5 2	
128	,,	31 Amb.	I _v	P	12 20 50	70
				iS	12 20 58	
				F	12 26	
129	,,	31 Amb.	II _v	iP	14 40 13	80
				iS	14 40 22	
				F	14 52	

Note. Medan, March 24-31, time indications uncertain.