

# SEISMOLOGICAL BULLETIN 1926.

## BATAVIA OBSERVATORY, JAVA.

Foundation: River Quaternary.

Greenwich Mean Time. S. Latitude  $6^{\circ} 11' 0''$ . Height above sealevel 8 m.

E. Longitude  $7^{\text{h}} 7^{\text{m}} 20.3^{\text{s}}$ . (1)

WIECHERT Horizontal Pendulum, 1000 kilograms.

### PREFACE.

The astatic seismograph of WIECHERT of 1000 kg is registering regularly since December 6<sup>th</sup> 1908.

The instrument is mounted on a heavy brick pillar in a room with thick walls (about 70 centimeters) that is protected against the sun's heat by open galleries around it. The components are placed in E-W and N-S direction respectively.

The pins are lifted electrically every hour for a period of 10 seconds by the Javanese observer on duty. A lifting of two seconds every minute is given by an electrical clock of PEYER FAVARGER by means of the second-dial passing through a drop of mercury.

For each month the mean constants for that month are applied.  $T_0$  and  $\epsilon$ , the oscillation period and the coefficient of damping, are determined every week.  $V$ , the magnification for very short waves, is determined occasionally only. It is found by direct measurement, giving the pendulum a displacement by means of the horizontal adjusting screws, the value of which can be determined easily from the pitch ( $a$ ), the angle of displacement of the screws and the height of the screws ( $b$ ) and of the centre of gravity ( $c$ ) above the Cardanic suspension apparatus.

It was found

$$(a) = 1.407 \text{ mm}; \quad (b) = 1225 \text{ mm}; \quad (c) = 895 \text{ mm}.$$

The constants used from January — June incl., 9126, are given below

1926.	E-W component.			N-S component.		
	V.	$T_0$ .	$\epsilon$ .	V.	$T_0$ .	$\epsilon$ .
January . . . . .	190	7.7	4.1	188	7.9	3.4
February . . . . .	"	7.6	4.4	"	7.7	3.4
March . . . . .	"	7.5	4.2	"	7.7	3.6
April . . . . .	"	8.0	4.1	"	8.2	4.0
May . . . . .	"	8.0	4.5	"	8.1	4.0
June . . . . .	"	7.6	4.4	"	7.8	3.8

(1) For the E. Longitude of the Observatory, see: J. BOEREMA, A New Determination of the Eastern Longitude of Batavia; K. Magn. Met. Observ. Batavia, Verhandelingen No. 12, 1924.



The notation used is that of the Göttingen Geophysical Institute.  
The following abbreviations are employed:

### CHARACTER OF THE EARTHQUAKE

- I = perceptible; II = moderately strong; III = strong.  
d (terrae motus domesticus) = local.  
v ( " " vicinus) = near (less than 1000 km).  
r ( " " remotus) = distant (1000 to 5000 km).  
u ( " " ultimus) = very distant over 5000 km).

### PHASES.

- P (undae primae) = 1<sup>st</sup> preliminary tremors  
S ( " secundae) = 2<sup>nd</sup> " " "  
L ( " longae) = principal phase, long waves.  
M ( " maximae) = maximum amplitude.  
C (coda) = prominent waves among the after tremors.  
F (finis) = end of perceptible movement.  
PR<sub>1</sub>, PR<sub>2</sub>, ..... SR<sub>1</sub>, SR<sub>2</sub>, ..... 1<sup>st</sup>, 2<sup>nd</sup>, ..... reflected waves of P and S.  
PS = waves changed by reflection from longitudinal to transversal oscillation.

### WAVE-ELEMENTS, UNITS.

- T = complete period in seconds.  
A = amplitude, measured from median position in microns.  
A<sub>E</sub> = E.W. component of A.  
A<sub>N</sub> = N.-S " " "  
i (impetus) = abrupt commencement, clearly defined.  
e (emersio) = gradual commencement, not clearly defined.

### MALABAR.

Foundation: Volcanic.

S. Latitude 7° 13'; E. Longitude 107° 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. K. A. R. BOSSCHA.

### MARON.

Foundation: Volcanic.

S. Latitude 7° 34'; E. Longitude 110° 25'; Height above sea-level 960 m.

OMORI Tremometer, one component Since February 1924.

### AMBOINA.

Foundation: Quaternary.

S. Latitude 3° 42'; E. Longitude 128° 10'; Height above sea-level 4 m.

WIECHERT Horizontal Pendulum 1000 kg, NS and EW component. Since October 1924.

Time Signals by Malabar Radio. The time eclipses not yet working satisfactorily  
time is given in 1/10 minutes.

The distances given in the Bulletin of Batavia are calculated with the time tables of Dr. S. W. Visser. See Verhandelingen Batavia No. 7, 1921. The postponed table is an extract of these tables.

Distance.	S-P	P-O	S-O	Distance	S-P	P-O	S-O
	m s	m s	m s		m s	m s	m s
1°	0 15	0 16	0 29	56°	7 46	9 54	17 40
2	25	31	56	57	52	10 1	53
3	38	46	1 24	58	58	8	18 6
4	50	1 1	51	59	8 4	15	19
5	1 1	17	2 18	60	10	22	32
6	12	52	44	61	15	29	44
7	24	47	5 11	62	21	56	57
8	35	2 2	37	63	26	45	19 9
9	47	16	4 3	64	32	59	21
10	57	51	28	65	38	55	33
11	2 8	45	55	66	45	11 2	45
12	19	59	5 18	67	49	8	57
13	50	3 12	42	68	55	14	20 9
14	40	26	6 6	69	9 1	20	21
15	50	59	29	70	6	26	32
16	5 0	52	52	71	11	55	44
17	10	4 4	7 14	72	16	59	55
18	19	17	56	73	21	45	21 6
19	28	29	57	74	27	51	17
20	57	41	8 18	75	32	57	29
21	46	55	59	76	57	12 5	40
22	55	5 4	59	77	42	9	51
23	4 5	16	9 19	78	47	15	22 2
24	11	27	33	79	55	20	15
25	19	58	57	80	58	26	24
26	27	48	10 15	81	10 4	51	55
27	55	58	55	82	9	57	46
28	41	6 9	50	83	14	42	56
29	48	19	11 7	84	19	47	25 6
50	56	28	24	85	24	52	16
51	5 5	57	40	86	28	58	26
52	10	46	56	87	32	15 4	56
53	17	55	12 11	88	57	9	46
54	24	7 4	28	89	41	15	56
55	50	15	45	90	46	20	24 6
56	56	22	58	91	50	25	15
57	45	50	15 15	92	55	50	25
58	50	38	28	93	59	55	54
59	57	46	45	94	11 3	40	25 45
40	6 5	55	58	95	7	45	52
41	11	8 1	14 12	96	11	50	1
42	18	9	27	97	15	55	10
43	25	17	42	98	18	14 0	18
44	52	24	56	99	22	5	27
45	40	51	15 11	100	25	10	55
46	47	59	26	101	27	15	42
47	55	47	40	102	50	20	50
48	7 0	54	54	103	52	25	57
49	6	9 2	16 8	104	54	30	26 4
50	15	9	22	105	57	44	11
51	18	18	55	106	40	59	19
52	24	24	48	107	42	44	26
53	29	32	17 1	108	45	48	55
54	55	39	14	109	47	55	40
55	40	47	27	110			



JANUARY 1926.

No.	Date 1926.	Station.	Char-acter.	Phase.	Time (Greenwich).			Amplitude (half)		Distance of epi-centre.	Remarks.
					h	m	s	$\mu$	$\mu$		
—	Jan. 1	Amb.		$i_3$	10	51				<p>A great number of local shocks has been registered at Amboina. 53 Siesmograms could be read. Only the felt ones are incorporated in the table. At <math>i_{34}</math> the NS. pen was thrown out, at <math>i_{35}</math> the EW pen followed. Registration started anew 0<sup>h</sup> 13<sup>m</sup>. All seismograms show one very sharp inset, without any indication of S following P. The periods are small, the azimuths different. The amplitudes are small even of the felt shocks. The shocks were reported to be vertical.</p> <p><math>i_1</math> (not felt) occurred Jan. 1, 5<sup>h</sup> 46<sup>m</sup>; <math>i_{53}</math> on Jan. 2, 11<sup>h</sup> 52<sup>m</sup>.</p>	
				$i_5$	10	58					
				$i_9$	11	5					
				$i_{10}$	11	5					
				$i_{20}$	15	55					
				$i_{28}$	15	49					
				$i_{31}$	16	17					
				$i_{34}$	16	20					
				$i_{85}$	16	25					
1	" 1	Bat.	I	$i_N$	21	53	15				Nimboran (N.N. Guinea)?
				F	23	1	1				
—	" 2	Amb.		$i_{38}$	1	50				160	
				$i_{45}$	2	46					
				$i_{46}$	5	8					
				$i_{48}$	3	13					
				$i_{51}$	7	58					
2	" 2	Bat.	I <sub>r</sub>	eP	11	5	51			160	
				iS	11	6	7				
				F	11	8					
—	" 5	Amb.		P	4	7,5				felt at Tomohon (Menado N. Celebes).	
5	" 5	Bat.	I	$i_E$	7	58	8				
				i	7	46	28				
				F	7	50					
4	" 5	Bat.	I	i	10	20	10			azimuth NNE.	
				F	10	25					
5	" 6	Bat.	I <sub>r</sub>	$iP_E$	25	50	17			2120	
				$iS_N$	25	53	45				
	" 7			F	0	10					
	" 6	Amb.		$iP_N$	25	50,1				650?	
				S?	25	51,5					
	" 7	Amb.		iP	2	45,7				280	
				iS	2	46,2					
6	" 7	Bat.	I	e	12	1,6				Minahasa.	
				P	12	10					
		Amb.		$e_N$	11	59,7					
				iP	12	0,2					
				iS?	12	1,1					
—	" 7	Amb.		iP	19	14,1				(70)	
				iS	19	14,2					
—	" 11	Amb.		eP	2	41,5				320?	
				S?	2	41,9					

No.	Date 1926.	Station	Char-acter.	Phase.	Time (Greenwich).			Period	Amplitude half.		Distance of epi-centre	Remarks.
					h	m	s		$\mu$	$\mu$		
—	Jan. 11	Amb.		iP	9	5,0				km.	Azimuth about EW; felt at Amboina.	
				S?	9	5,0						
—	" 12	Amb.		iP	2	45,8					local.	
—	" 12	Amb.		iP	2	44,9					local.	
—	" 12	Amb.		iP	2	55,9					local.	
—	" 12	Amb.		iP	25	27,5				(40)	local.	
				S	25	27,6						
—	" 15	Amb.		i	1	35,8					local.	
—	" 15	Amb.		P	15	35,8					500	
				iS	15	34,4						
—	" 15	Amb.		i	19	25,5					local.	
7	" 14	Bat.	I	$i_E$	7	14	58					
				F	7	19						
8	" 14	Bat	I	i	9	14	54					
				F	9	16						
—	" 15	Amb.		iP	1	37,5					120?	
				S <sub>N</sub> ?	1	37,7						
—	" 15	Amb.		P	3	8,4						
—	" 15	Amb.		iP	5	26,9						
—	" 15	Amb.		P	7	46,7						
—	" 17	Amb.		iP	3	39,7						
—	" 17	Amb.		iP	3	46,1						
—	" 17	Amb.		iP	3	46,8						
—	" 18	Mal.		P	10	1	16				90	
				iS	10	1	27					
—	" 18	Amb.		iP	10	43,4					local.	
9	" 18	Bat.	I <sub>r</sub>	P	17	0	46				2560	
				iS	17	4	49					
				F	17	50						
		Mal.		$P_N$	17	0	47					
				$S_N$	17	4	53				2600	
10	" 18	Bat.	II <sub>r</sub>	iP	21	11	44				2180	
				iS	21	15	17					
				F	22	55						
		Mal.		iP	21	11	57				2210	
				iS	21	15	53					
		Amb.		L	21	19						
				i	21	15,8						
				L	21	23,6						
11	" 21	Bat.	I	$i_E$	18	13	16					
				$i_1$	18	13	55					







N <sup>o</sup> .	Date 1926.	Sta- tion.	Char- acter.	Phase	Time (Greenwich).			Period.	Amplitude (half)		Distance of epi- centre.	Remarks.
					h	m	s		sec.	$\mu$		
—	Feb. 12	Amb.		P? S	17 17	10,6 11,7						
27	" 12	Bat.	I	i F	19 19	45 11 48						
28	" 12	Bat.	I <sub>v</sub>	P S F	21 21 21	58 26 39 33 47				620	Central and Eastern Java. MARON: S — i P = 22 <sup>sec</sup> $\Delta = 190.$	
		Mal.		iP iS	21 21	58 10 58 56				410		
—	" 12	Amb.		P S	21 21	58,4 58,6						
—	" 12	Amb.		P S	23 23	14,2 14,4						
29	" 15	Bat.	I	e F	9 9	19,8 44						
30	" 14	Bat.	I	i <sub>E</sub> i <sub>N</sub> F	2 2 2	15 57 20 41 26						
		Amb.		P iS	2 2	12,5 13,9				760		
31	" 15	Bat.	I	i <sub>1</sub> i <sub>2</sub> F	3 3 3	20 4 58 56 54						
32	" 19	Bat.	I	P eS i F	16 16 16 16	23 49 24 10 24 21 29		7,0			180	
33	" 20	Bat.	I <sub>v</sub>	iP <sub>E</sub> i <sub>N</sub> iS <sub>N</sub> F	0 0 0 0	40 20 40 38 41 0 46				350	East-Preanger. MARON: S — e P = 40 <sup>sec</sup> $\Delta = 550.$	
		Mal.		iP S	0 0	40 17 40 28				90		
34	" 27	Bat.	I <sub>v</sub>	iP i <sub>1</sub> i <sub>2</sub> F	8 8 8 8	12 14 12 34 12 37 18					Azimuth about N S.	
		Mal.		P iS	8 8	12 8 12 32				210		
35	" 28	Bat.	I <sub>v</sub>	iP i <sub>1</sub> i <sub>2</sub> F	8 8 8 8	25 56 25 58 24 9 38					East-Java. MARON; S — i P = 19 <sup>sec</sup> $\Delta = 160.$	
		Mal.		P S	8 8	25 3 25 46				580		

### MARCH.

—	March 2	Amb.		P S	6 6	24,4 24,6						
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N <sup>o</sup> .	Date 1926.	Sta- tion.	Char- acter.	Phase.	Time (Greenwich).			Period.	Amplitude (half).		Distance of epi- centre	Remarks.
					h	m	s		A <sub>E</sub>	A <sub>N</sub>		
56	March 4	Bat.	II <sub>r</sub>	P	9	37	8	15	μ	μ	2740	Azimuth ENE. Halmabeira and Tomohon (Menado). MARON: iS -- P = 4 <sup>m</sup> 51 <sup>s</sup> Δ = 2950.
				iS	9	41	24					
				L	9	51,5						
		Mal.		P	9	37	18				2650	
				S?	9	41	26					
				i	9	48	21					
		Amb.		iP	9	28,1	880					
				i <sub>N</sub>	9	28,3						
				iS	9	29,7						
				L	9	50,8						
—	»	6	Amb.		F	9	50	50				
					iP	5	38,5					240
	»	6	Amb.		iS <sub>N</sub>	5	38,8				Azimuth about E W. Ceram.	
					F	5	48					
37	»	6	Bat.	I	e	15	46,0					
					i	15	50					8
					F	15	59					
38	»	6	Bat.	I <sub>v</sub>	P	18	25	13			160	Tjibalieng (Bantam, W. Java).
					iS <sub>N</sub>	18	25	32				
					F	18	31					
		Mal.		P	18	25	8	270				
				i	18	25	21					
	»	6	Bat.	I <sub>v</sub>	S	18	25	39				
					P	22	20	55				240
	»	6	Bat.	I <sub>v</sub>	iS	22	21	10				
					F	22	24					
	»	6	Mal.		i	22	21	18				
					P	4	59	55				180
	»	7	Bat.	I <sub>v</sub>	iS	4	0	16				
					F	4	5					
	»	7	Mal.		P	4	0	11			210	
					S	4	0	55				
—	»	7	Amb.		iP	13	43,1					
					iS	13	45,2					
41	»	8	Bat.	I	i	20	31	57				
					F	20	44					
—	»	12	Amb.		P	12	58,4				250	
					S	12	58,9					
					F	12	42					
42	»	12	Bat.	I	e	20	24,1					
					F	20	44					
43	»	13	Bat.	I	i <sub>1</sub>	0	39	57	18,5			
					i <sub>2</sub>	0	47	41				
					L	0	57,5					
					F	2	6					
	»	13	Mal.		i	0	40	0				
					i	0	35					
—	»	16	Amb.		i	0	35				Azimuth N E; pens thrown out; registration stops till March 26. 9 <sup>h</sup> 31 <sup>m</sup> . Felt at Amboina and Ceram.	
					i	0	35					
44	»	16	Bat.	I <sub>u</sub>	i <sub>E</sub>	17	49	38				
					i <sub>1</sub>	17	59	53				
					i <sub>2</sub>	18	0	53				
					F	18	4					



No.	Date 1926.	Station.	Character.	Phase.	Time (Greenwich).			Period.	Amplitude (half)		Distance of epicentre.	Remarks.
					h	m	s		sec.	$\mu$		
45	March 17	Bat.	I <sub>n</sub>	e	12	24	31					
				eL <sub>E</sub>	13	20,1		25				
				L	13	45,5		18				
				F	13	52						
46	" 18	Bat.	I	i	10	27	56					
				F	10	35						
47	" 18	Bat.	I <sub>v</sub>	eP	13	48	45			350?	Vlakke Hoek (S. Sumatra).	
				S?	13	49	25					
				F	13	54						
48	" 18	Bat.	I <sub>n</sub>	i <sub>1</sub>	14	18	42					
				i <sub>2</sub>	14	29	4	40				
				L	14	44,7						
				i <sub>3</sub>	14	48	44	6,2				
				M	15	0,7		21,0	150	93		
				F	15	32						
		Mal.		P	14	18	50					
				i	14	29	13					
49	" 19	Bat.	I	i	19	8	42					
				F	19	54						
		Mal.		P	19	8	27					
				i <sub>1</sub>	19	12	34					
				i <sub>2</sub>	19	20						
	" 20	Mal.		iP	8	44	53			90		
				iS	8	45	4					
50	" 21	Bat.	I	i <sub>1</sub>	12	15	21					
				i <sub>2</sub>	12	22	53					
				F	12	35						
51	" 21	Bat.	I	i <sub>1</sub>	14	57	50					
				i <sub>2</sub>	14	44	52					
				L <sub>1</sub>	15	7	56					
				L <sub>2</sub>	15	51,5						
				F	15	38						
52	" 22	Bat.	I	I <sub>E</sub>	18	37	28					
				I <sub>N</sub>	18	44	17					
				L	18	54,2		25				
				F	19	7						
53	" 26	Bat.	I <sub>v</sub>	iP <sub>E</sub>	4	24	25			290	Azimuth about E W.	
				iS <sub>N</sub>	4	24	58				S. Sumatra.	
		Mal.		F	4	41				580?		
				P	4	25	41					
				i	4	24	8					
				iS?	4	24	44					
				F	4	32						
54	" 27	Bat.	II	i <sub>1</sub>	10	57	28				MARON: S — iP = 6 <sup>m</sup> 43 <sup>s</sup>	
				i <sub>E</sub>	11	3	39				$\Delta = 5060.$	
				i <sub>2</sub>	11	4	54					
				L <sub>1</sub>	11	10,5		52				
				L <sub>2</sub>	11	13,3		32				
				F	12	21						
		Mal.		i <sub>1</sub>	10	57	21					
				i <sub>2</sub>	10	58	58					
				i <sub>3</sub>	11	4	24					
				L <sub>1</sub>	11	11,5		50				
				L <sub>2</sub>	11	13,3		32				
		Amb.		iP	10	55	52					
				L	11	3	27	22,5				

No.	Date 1926.	Station.	Character.	Phase.	Time (Greenwich).			Period.	Amplitude (half)		Distance of epicentre.	Remarks.
					h	m	s		sec.	$\mu$		
55	March 29	Bat.	I <sub>v</sub>	P	11	56	10				110	Tjiboenger (W. Preanger).
				iP	11	56	25					
				F	11	41						
56	" 29	Bat.	I	i	16	9	19					
				F	16	19						
57	" 30	Bat.	I <sub>v</sub>	S	11	20,4					240	No minute eclipses.
				P	11	20,8					350	East-Preanger.
		Mal.		iP	11	19	54					MARON: S? — P = 32 <sup>sec</sup> .
				iS	11	20	32					
—	" 30	Bat.		P	25	6	19				270	
				S	25	6	50					
APRIL.												
58	April 1	Bat.	I <sub>v</sub>	P	16	13	23				4640	
				i	16	19	34					
				iS	16	19	39	5,2				
				F	16	30						
—	" 7	Amb.		iP	2	41,8					440	
				iS	2	42,6						
59	" 8	Bat.	I	i	10	30	6					
				F	10	46						
—	" 8	Amb.		i <sub>E</sub>	11	40,1						
				L	11	45,7		52				
60	" 10	Bat.	I	i	7	24	10					
				F	7	29						
		Mal.		P <sub>N</sub>	7	25	55				150	
				S	7	24	12					
61	" 10	Bat.	I <sub>v</sub>	P	19	40	45				540	Central Java.
				S	19	41	24					MARON S = P = 29 <sup>sec</sup> ;
				F	19	47					170	$\Delta = 260.$
		Mal.		P	19	40	24					
				iS	19	40	44					
—	" 11	Amb.		P	20	15,8					540	Inanwatan (W. N. Guinea).
				S	20	16,8						
62	" 12	Bat.	II	i <sub>1</sub>	8	41	46					MARON: i <sub>1</sub> — iP = 10 <sup>m</sup> 43 <sup>s</sup>
				i <sub>2</sub>	8	41	54					i <sub>2</sub> — iP = 15 <sup>m</sup> 26 <sup>s</sup>
				i <sub>N</sub>	8	52	43					L — iP = 26 <sup>m</sup> 54 <sup>s</sup>
				L	9	0		35,5	85	152		
				F	10	17						
		Amb.		iP	8	39,1						
				i	8	40,6						
				L	8	45		22				
				M <sub>1</sub>	8	52		33				
				M <sub>2</sub>	8	54		17,5				
				F	10	4						
63	" 13	Bat.	III <sub>a</sub>	iP	2	40	50				170	Azimuth N 36.9 W.
				iS	2	41	10					Pens off: 2 <sup>n</sup> 41 <sup>m</sup> 36 <sup>s</sup> ; registra-
				F	2	58						tion starts anew 2 <sup>n</sup> 46 <sup>m</sup> .
												Central Java; felt from Bantam
												to Kediri.
												MARON: iS — iP = 26 <sup>sec</sup> ,
												$\Delta = 230.$
		Mal.		iP	2	40	55				110	Pens thrown out; registra-
				iS	2	40	48					



No.	Date 1926.	Station.	Character.	Phase.	Time (Greenwich).			Period.	Amplitude (half).		Distance of epicentre.	Remarks.
					h	m	s		$\mu$	$\mu$		
—	April 14	Amb.		iP	14	27						Azimuth N E; pens thrown out; felt at Amboina.
64	" 15	Bat.	I	i <sub>E</sub> F	9	58	4					
65	" 15	Bat.	I <sub>v</sub>	iP iS F	12	45	11			160		Azimuth about N S; West-Java.
		Mal.		P S	12	45	9			110		
—	" 17	Mal.		iP iS F	21	59,9						
—	" 18	Amb.		iP iS	7	56,6				590		Azimuth N W.
—	" 24	Amb.		iP iS F	9	55,5				110		
—	" 24	Amb.		iP F	18	45,4						
—	" 26	Amb.		iP iS	7	4,5				110		Azimuth about N; Riring (Ceram).
66	" 27	Bat.	I	i i <sub>E</sub> F	21	25	59					Inanwatan (W. N. Guinea).
—	" 27	Amb.		iP iS	21	29,0				240		Azimuth S E.
67	" 28	Bat.	I	P F	4	41	22					
68	" 28	Bat.	I	i F i F	11	55	29					
					12	1						
					11	52	35					
					11	45						
MAY.												
69	May 1	Bat.	I <sub>v</sub>	iP iS F	18	57	56			250		MARON: S — P = 29 <sup>sec</sup> $\Delta = 250.$
		Mal.		iP iS	18	58	24			250		
70	" 4	Bat.	I	e <sub>E</sub> F	13	54	50					
—	" 5	Amb.		P S G	1	24,4				170		
—	" 5	Amb.		iP iS	6	24,4				160		
					6	24,7						

No.	Date 1926.	Station.	Character.	Phase.	Time (Greenwich).			Period.	Amplitude (half)		Distance of epicentre.	Remarks.
					h	m	s		$\mu$	$\mu$		
71	May 5	Bat.	I <sub>v</sub>	P <sub>N</sub> S <sub>E</sub> F	6	48	59			150		Kaliberes, E. Preanger.
		Mal.		iP iS	6	51	16			90		
—	" 6	Amb.		iP iS F	14	29	52			520		
72	" 6	Bat.	I	P iS <sub>E</sub> F	19	24	58			210		Azimuth about N S.
		Mal.		iP iS F	19	24	22			90		Azimuth about E W.
—	" 8	Amb.		iP iS F	13	51	4			450		Dobo and West N. Guinea.
73	" 10	Bat.	I	i F	8	25	48					
74	" 11	Bat.	II	iP iS <sub>N</sub> F	12	5	50			1400		Azimuth E S E. MARON: iS — P = 1 <sup>m</sup> 55 <sup>s</sup> $\Delta = 1090.$
		Mal.		iP S F	12	5	47			950		
75	" 14	Bat.	I <sub>v</sub>	iP iS F	10	59	45			180		W. Java and S. Sumatra.
		Mal.		iP iS F	10	59	52			250		
76	" 17	Bat.	I	e F	17	27,9						
					17	45						
77	" 20	Bat.	II <sub>r</sub>	iP iS i F	7	7	6			2590		Azimuth S W. Menado and Sangi I. MARON: iS — iP = 5 <sup>m</sup> 41 <sup>s</sup> $\Delta = 2270.$
		Mal.		iP iS <sub>E</sub> L	7	7	8			2850		
		Amb.		F iP iS L F	7	11	51			1010		
					7	15,3						
					7	24						
					7	4	57					
					7	4	42					
					7	6	25					
					7	10	9	19,5				
					7	24						
78	" 20	Bat.	I	e i F	10	10,4						MARON: S? — eP = 5 <sup>m</sup> 8 <sup>s</sup> $\Delta = 1870.$
					10	15	47					
					10	55						
79	" 22	Bat.	I	P i <sub>N</sub> F	5	26	8					
					5	27	21					
					5	56						



No.	Date 1926	Station.	Char-acter.	Phase.	Time (Greenwich).			Period.	Amplitude (half).		Distance of epi-centre.	Remarks.	
					h	m	s		$\mu_E$	$\mu_N$			
80	May 25	Bat.	I <sub>v</sub>	iP <sub>E</sub>	7	40	14	sec.	$\mu$	$\mu$	km.	Two shocks. cf. Malabar. E. Preanger.	
				i <sub>1</sub>	7	41	8						
				i <sub>2</sub>	7	41	59						
		Mal.		iP <sub>1</sub>	7	47							
				iS <sub>1</sub>	7	59	26						170
				iP <sub>2</sub>	7	39	46						100
		iS <sub>2</sub>	7	40	21								
		iS <sub>2</sub>	7	40	35								
		F	7	45									
—	» 23	Mal.		iP	7	54	57	90					
				iS	7	55	7						
				F	7	56							
81	» 26	Bat.	I <sub>u</sub>	i <sub>1</sub>	19	54	21						
				i <sub>2</sub>	20	2	57						
				F	20	54							
82	» 31	Bat.	I	i <sub>1</sub>	13	45	11						
				i <sub>2</sub>	13	52	56						
				L <sub>E</sub>	14	2,4							
		Mal.		F	14	15							
				i	13	45	15						

### JUNE.

—	June 1	Amb.		iP	2	20,5		160			Azimuth S W.
				i	2	20,5					
				iS	2	20,6					
				F	2	50					
—	» 1	Amb.		iP	2	49,2		190			Azimuth S W.
				i	2	49,2					
				iS	2	49,6					
				F	2	56					
—	» 1	Amb.		P	12	45,2		160			
				S	12	45,5					
83	» 3	Bat.	I	i <sub>1</sub>	4	57	10				
				i <sub>2</sub>	5	5	12				
				F	5	49					
		Mal.		e	4	57	6				
				i	4	57	17				
		F	5	8							
84	» 5	Bat.	I <sub>u</sub>	i <sub>1</sub>	9	17	26				
				i <sub>2</sub>	9	23	46				
				F	9	28					
—	» 7	Amb.		iP	5	52,2		160			
				iS	5	52,5					
85	» 7	Bat.	I <sub>v</sub>	P <sub>E</sub>	12	6	40	490			Bintoehan (Benkoelen).
				S	12	7	34				
				F	12	14					
—	» 7	Amb.		P	21	47,6		190			
				eS	21	48,0					
—	» 11	Amb.		iP	2	54,8					
				iS	2	54,9					

No.	Date 1926.	Sta-tion.	Char-acter.	Phase.	Time (Greenwich).			Period.	Amplitude (half)		Distance of epi-centre.	Remarks.	
					h	m	s		$\mu_E$	$\mu_N$			
—	June 12	Amb.		P	8	27,4		330					
				iS	8	28,0							
86	» 15	Bat.	I <sub>v</sub>	e	6	51	18				Tjikentjreng (E. Preanger). MARON: S — P <sub>1</sub> = 26 <sup>sec</sup> Δ = 230.		
				P	6	53							
		Mal.		iP	6	50	48					370	
				iS	6	51	50						
		F	6	52									
87	» 14	Bat.	I <sub>v</sub>	P	7	7	8	130					
				iS	7	7	23						
				F	7	7							
88	» 17	Bat.	I <sub>v</sub>	iP	19	12	14	150			Tjitjoeroeg (W. Preanger).		
				i	19	12	16						
				iS	19	12	51						
				F	19	17							
89	» 17	Bat.	I	i <sub>1</sub>	23	58	56						
				i <sub>2</sub>	23	42	37						
				F	23	51							
90	» 18	Bat.	I <sub>r</sub>	i <sub>1</sub>	10	48	17	710			Menado.		
				i <sub>2</sub>	10	49	41						
				F	11	5							
		Amb.		iP	10	45	36						
				i	10	43	59						
				iS <sub>N</sub>	10	44	55						
		P	11	5									
91	» 18	Bat.	I	e	13	46	27						
				i <sub>1</sub>	13	46	47						
				i <sub>2</sub>	13	47	53						
				F	13	49							
92	» 18	Bat.	I	e	16	4	19						
				i <sub>1</sub>	16	4	53						
				i <sub>2</sub>	16	5	26						
		F	16	8									
—	» 19	Amb.		iP	11	26	46						
				i	11	26	56						
				F	11	38							
93	» 20	Bat.	I	e	7	12,1					Azimuth N E.		
				i	7	19	1						
				F	7	25							
94	» 20	Bat.	I	i <sub>1</sub>	9	0	53						
				i <sub>N</sub>	9	1	56						
				i <sub>N</sub>	9	2	1						
				F	9	12							
Mal.		P	9	0	15								
		F	9	4									
95	» 20	Bat.	I	e	9	16,2							
				i	9	18	46						
				F	9	27							
				Mal.		P	9					15	57
						F	9					19	



N <sup>o</sup> .	Date 1926.	Sta- tion.	Char- acter.	Phase.	Time (Greenwich).			Period.	Amplitude (half)		Distance of epi- centre.	Remarks.	
					h	m	s		A <sub>E</sub>	A <sub>N</sub>			
96	June 20	Bat.	I <sub>v</sub>	i	10	45	55	sec.	μ	μ	km	E. Preanger and Banjoemas. MARON: S? — P = 50 <sup>sec</sup> Δ = 260?	
				i <sub>E</sub>	10	46	0						
				F	10	49							
		Mal.	P	10	46	10							
			iS	10	46	28							
	P	10	49										
97	» 24	Bat.	I <sub>v</sub>	i <sub>1</sub>	1	56	19				90	E. Preanger. MARON: S — eP = 31 <sup>sec</sup> Δ = 270.	
				i <sub>2</sub>	1	57	28						
				F	2	1							
		Mal.	iP	1	53	51							
			iS	1	56	2							
	F	2	1										
98	» 24	Bat.	I <sub>r</sub>	iP	21	21	12				2550	Azimuth about E. Azimuth about S. Kisar (Timor). Azimuth N 36,5° W.	
				iS	21	25	0						
				F	21	40							
		Amb.	iP	21	17,4								
			iS?	21	18,1								
	F	21	57										
99	» 26	Bat.	I <sub>r</sub>	iP	14	23	31				1010	E. Java and Lombok. MARON: S — P = 11 <sup>m</sup> 5 <sup>s</sup> Δ = 680.	
				i	14	23	58						
				iS	14	25	19						
		Mal.	F	14	54								
			P	14	25	18							
			iS	14	25	26							
		Amb.	F	14	50								
			P	14	23,7								
			iS	14	25,8								
		Amb.	P	18	25,7								
			F	18	54								
100	» 26	Bat.	III <sub>u</sub>	iP	19	59	6	21			9950	Azimuth N W. MARON: S — eP = 9 <sup>m</sup> 59 <sup>s</sup> i <sub>1</sub> — eP = 10 24 i <sub>2</sub> — eP = 10 37 Δ = 8920.	
				i <sub>N</sub>	20	0	15						
				i <sub>E</sub>	20	1	15						
				i	20	9	10						
				iS	20	9	48						
				i	20	10	23						
				L	20	59,1							
				F	21	6							
				Mal.	iP	19	59						16
					iS	19	59						27
		i	19		59	27							
		Amb.	i <sub>N</sub>	19	59	55							
			F	20	24								
			P	20	0,5								
			i <sub>1</sub>	19	4,5								
i <sub>2</sub>	19		4,9										
	iS	19	10,4										
	L <sub>1</sub>	20	18										
	L <sub>2</sub>	20	35										
	F	21	5										
101	» 28	Bat.	III <sub>v</sub>	iP	5	25	24	50 47			950	Azimuth N 45.0 W. MARON: iS — iP = 2 <sup>m</sup> 19 <sup>s</sup> Δ = 1540.	
				i <sub>N</sub>	5	26	28						
				iS	5	27	5						
				F	4	58							
				P	5	25	29						
		Bosch.	i	5	25	40							
			i <sub>N</sub>	5	26	50							
			iS	5	27	7							



N <sup>o</sup> .	Date 1926.	Sta- tions.	Char- acter.	Phase.	Time (Greenwich).			Period	Amplitude (half).		Distance of epi- centre.	Remarks.
									A <sub>E</sub>	A <sub>N</sub>		
					h	m	s	sec.	μ	μ	km.	
		Mal		iP	5	25	47				1200	
				S	5	27	53					
				i	5	50						
		Amb.		F	4	20						
				P	5	29,1					5480	
				i <sub>E</sub>	5	50,7						
				iS	5	54,2						
				F	4	29						
102	June 28	Bat.	III <sub>v</sub>	iP	6	17	46					
				i	6	20	25					
				F	7	5						
		Mal.		iP	6	18	8					
				i <sub>1</sub>	6	20	55					
				i <sub>2</sub>	6	21	5					
				F	6	44						
103	" 28	Bat.	I <sub>v</sub>	i	6	56,4						
				F	7	1						
104	" 28	Bat.	I	i <sub>E</sub>	7	18	25					
				i <sub>1</sub>	7	20	44					
				i <sub>2</sub>	7	21	59					
				F	7	51						
105	" 28	Bat.	I	e	11	0,7						
				F	11	7						
106	" 28	Bat.	I <sub>v</sub>	iP	12	0	16					
				i <sub>1</sub>	12	2	28					
				i <sub>2</sub>	12	5	1					
				F	12	20						
		Mal.		P	12	0	55					
				i	12	5	17					
				F	12	15						
107	" 29	Bat.	II <sub>r</sub>	Pi	14	54	16				5930	
				i <sub>E</sub>	14	56	51					
				iS	14	59	48					
				F	14	55						
		Mal.		iP	14	54	25					
				i	14	41	59					
				F	14	52						
		Amb.		iP	14	51	27					
				i <sub>E</sub>	14	56	14					
				i <sub>E</sub>	14	41	27					
				i <sub>E</sub>	14	49	55					
				F	15	4						
108	" 50	Bat.	II <sub>v</sub>	iP	11	50	29				580?	Benkoelen, S. Sumatra.
				iS?	11	51	12					
				F	12	9						
		Mal		iP	11	50	47				550?	
				iS?	11	51	47					

Azimuth N W.  
Destructive Padang Pan-  
djang, Central Sumatra.  
Epicentre: 0.4° S, 100.3° E. 13

Aftershock, Central Suma-  
tra.

Azimuth N W.  
Aftershock, Central Suma-  
tra.

Azimuth N N W.



# SEISMOLOGICAL BULLETIN 1926

## BATAVIA OBSERVATORY, JAVA.

1926.	E-W component.			N-S component.		
	V.	T <sub>o.</sub>	ε.	V.	T <sub>o.</sub>	ε.
July . . . . .	190	7.4	3.4	188	7.8	3.5
August . . . . .	"	7.4	3.4	"	7.8	3.4
September . . . . .	"	7.4	3.4	"	7.8	3.4

Vertical Component. Since July 9th a vertical Wiechert Seismograph of 1300 kg is in working order at Batavia. Constants cannot yet be given.

N.B. Times of Amboina are not yet quite reliable.

### JULY.

No.	Date 1926.	Station	Char-acter.	Phase.	Time (Greenwich).			Period.	Amplitude (half).		Distance of epi-centre.	Remarks.
					h	m	s		A <sub>E</sub>	A <sub>N</sub>		
109	July 1	Bat.	III <sub>v</sub>	iP	14	10	25	22	μ	μ	km.	Azimuth NW. Benkoelen (S. Sumatra). MARON: S-iP = 2 <sup>m</sup> 19 <sup>s</sup> ; △ = 1540.
				i	14	10	32					
		iS?	14	11	31							
		F	in next.									
		Bosch.	P	14	10	26	600					
		Mal.	iS	14	11	31	940					
			iP	14	10	46						
			i	14	10	34						
		Amb.	iS	14	12	27	2790					
			F	13	5							
iP	14		14	21								
			S	14	18	41						
110	" 1	Bat.	I <sub>v</sub>	P?	15	25	17				410?	Benkoelen.
				S?	15	25	22					
				F	15	48						
111	" 1	Bat.	I <sub>v</sub>	P	15	55	1				410?	
				eS?	15	56	47					
				F	16	11						
112	" 1	Bat.	I <sub>v</sub>	eP	19	18	0					
				F	19	26						
113	" 1	Bat.	II <sub>v</sub>	iP	19	35	52				970	
				iS	19	37	16					
				i <sub>E</sub>	19	37	19					
		Mal.	F	19	34		1180					
			iP	19	35	47						
			S	19	37	50						
			F	19	46							



No.	Date 1926.	Station.	Character.	Phase.	Time (Greenwich).			Period.	Amplitude (half)		Distance of epicentre.	Remarks.
					h	m	s		sec.	$\mu$		
114	July 1	Bat.	I <sub>v</sub>	e	23	53.3						
				F	23	59						
—	• 5	Amb.		P	1	58	55			340		
				S	1	59	54					
115	• 5	Bat.	II <sub>v</sub>	P	5	48	15			410	Central Java, felt from	
				i	5	48	46				Preanger to Pasoeroean	
				S	5	49	1				MARON: S — iP = 16 <sup>sec</sup>	
				F	4	15				450	$\Delta = 140$ km.	
		Mal.		iP	5	47	58					
				iS	5	48	46					
				F	4	4						
		Amb.		P	5	50	50			1960		
				S	5	55	46					
116	• 4	Bat.	I	P	5	4	55					
				i <sub>N</sub>	5	6	55					
				i <sub>E</sub>	5	7	5					
				P	5	18						
117	• 4	Bat.	I <sub>v</sub>	e	15	41	56				Pager Alam (Palembang,	
				i <sub>1</sub>	15	42	20				S. Sumatra).	
				i <sub>2</sub>	15	42	29					
				F	15	51						
—	• 4	Amb.		P	22	40	50			250		
				S	22	40	58					
—	• 5	Amb.		iP	19	25	56			590		
				S	19	24	20					
118	• 5	Bat.	II <sub>v</sub>	iP	19	41	53				Azimuth $\pm$ EW.	
				i <sub>N</sub>	19	42	14					
				i <sub>N</sub>	19	45	8					
				F	19	58						
		Mal		P <sub>E</sub>	19	42	7			460?		
				i	19	42	11					
				iS?	19	42	58					
				F	19	49						
—	• 6	Amb.		eP	20	25	45			150		
				S	20	26	2					
119	• 7	Bat.	I <sub>v</sub>	P	2	40	15			450?	Central Java (Banjoemas-	
				S?	2	41	5				Pasoeroean).	
				F	2	52					MARON: S — iP = 20 <sup>sec</sup>	
		Mal.		P	2	59	55			400	$\Delta = 170$ km.	
				i	2	40	1					
				iS	2	40	40					
120	• 7	Bat.	II <sub>v</sub>	iP	11	42	44			540	Central Java (Preanger to	
				i	11	45	5				Pasoeroean).	
				S	11	45	45				MARON: S — P = 15 <sup>sec</sup>	
				F	11	4				450	$\Delta = 110$ km.	
		Mal.		iP	11	42.4					In minute eclipse.	
				i <sub>1</sub>	11	42	29					
				i <sub>2</sub>	11	45	6					
				iS	11	45	12					
				F	11	48						

No.	Date 1926.	Station.	Character.	Phase.	Time (Greenwich).			Period.	Amplitude (half)		Distance of epicentre.	Remarks.
					h	m	s		sec.	$\mu$		
121	July 8	Bat.	I	eP	23	30	21					
				i <sub>E</sub>	23	31	28					
				F	23	59						
122	• 9	Bat.	I	P <sub>v</sub>	15	42	17				Sumatra's Westkust.	
				P	15	42	25					
				i <sub>v</sub>	15	44	23					
				F	15	57						
123	• 10	Bat.	I <sub>r</sub>	e	1	21.7					Ceram (Moluccas).	
				i	1	26	29					
				L	1	52						
				F	1	40						
		Amb.	III <sub>v</sub>	iP	1	17	19			540	Azimuth ESE.	
				i <sub>N</sub>	1	17	28					
				iS	1	17	58					
				F	1	58						
—		Amb.	I <sub>v</sub>	iP	2	8	55			370		
				S	2	9	57					
124	• 10	Bat.	II <sub>r</sub>	iP	10	55	46			2550	Minahasa and Ternate.	
				iS	10	59	51				MARON: iS — iP = 5 <sup>m</sup> 21"	
				F	11	57					$\Delta = 2050$ .	
		Mal.		P	10	55	47			2540		
				iS	10	59	55					
				eL	11	2	1					
				F	11	18						
		Amb.	III <sub>v</sub>	iP	10	50	25			350	Azimuth NW.	
				S	10	51	2					
				F	11	25						
125	• 10	Bat.	I <sub>r</sub>	P	12	44	50			2540	Minahasa and Ternate.	
				iS	12	48	36					
				F	15	5						
		Amb.		iP	12	40	19			520	Azimuth SE.	
				S	12	41	16					
—	• 11	Amb.		iP	1	55	0			590	Boela (Ceram).	
				i	1	55	12					
				S	1	56	4					
—	• 11	Amb.		P	14	42	2			880?	Boela (Ceram).	
				S?	14	42	56					
—	• 12	Amb.		P	2	55	52			490		
				S	2	54	46					
—	• 12	Amb.	II <sub>v</sub>	iP	9	25	1			540	Boela (Ceram).	
				S	9	25	40					
—	• 12	Amb.	I <sub>v</sub>	P	10	49	11			350		
				S	10	49	51					
126	• 12	Bat.	I	e	14	57.6						
				F	14	45						
—	• 12	Amb.	I <sub>v</sub>	P	14	56	55			450		
				iS	14	57	45					
127	• 12	Bat.	I	e	16	6.7						
				F	16	16						



N <sup>o</sup> .	Date 1926.	Station.	Char-acter.	Phase.	Time (Greenwich).			Period.	Amplitude (half)		Distance of epi-centre.	Remarks.
					h	m	s		A <sub>E</sub>	A <sub>N</sub>		
128	July 12	Bat.	I <sub>v</sub>	e F	16	56.7						
—	" 12	Amb.	I <sub>v</sub>	P iS	17	2 13 3 2				440		
129	" 13	Bat.	I	i <sub>v</sub> e F	7	31 59 32 13 41						
		Mal.		i F	7	32 2						
		Amb.		iP iS	7	28 47 29 56				640		
130	" 14	Bat.	I <sub>r</sub>	i <sub>v</sub> i <sub>E</sub> i <sub>N</sub> F	16	51 49 51 52 56 3						
		Mal.		P	16	51 49				2640		
		Amb.		S P S	16	55 58 48 29 49 40				660		
131	" 14	Bat.	I <sub>r</sub>	i <sub>E</sub> i <sub>v</sub> i <sub>N</sub> F	17	4 27 4 29 8 31 17						
		Mal.		P	17	4 28				2520		
		Amb.		eS F iP S	17	8 28 12 1 20 2 38				720		
132	" 16	Bat.	I	i F	2	13 4 31						
		Amb.		iP iS L	2	8 47 12 25 20	25			2210		
133	" 18	Bat.	I <sub>v</sub>	P F	9	6 6 9						
		Mal.		iP iS F	9	5 54 5 45 9				90		
134	" 18	Bat.	I <sub>v</sub>	e F	19	36.5 48						
—	" 19	Mal.		P F	9	20 15 21						
—	" 19	Amb.		P iS	10	21 15 22 12				520		
135	" 23	Bat.	I <sub>r</sub>	iP <sub>v</sub> iP iS <sub>N</sub> F	5	21 54 21 57 26 10 40				2740		
		Mal.		P F	5	21 54 35						
		Amb.		P iS	5	14 7 16 5				1120		

N <sup>o</sup> .	Date 1926.	Station.	Char-acter.	Phase.	Time (Greenwich).			Period.	Amplitude (half)		Distance of epi-centre.	Remarks.
					h	m	s		A <sub>E</sub>	A <sub>N</sub>		
—	July 25	Mal.		iP iS F	8	47 2 47 15 50				90	E. Preanger,	
—	" 25	Mal.		P <sub>E</sub> iS F	21	46 37 46 47 47				90		
136	" 26	Bat.	I	i <sub>1</sub> i <sub>v</sub> i <sub>2</sub> F	19	4 18 4 24 9 47 15						
137	" 27	Bat.	I	i <sub>E</sub> F	5	52 52 6 5						
—	" 28	Amb.		i L	8	45 12 57 42	17.5					
138	" 28	Bat.	I <sub>u</sub>	e iS L F P iS F	9	1 26 8 29 26 33 1 20 8 20 15				5400		
139	" 28	Bat.	I <sub>v</sub>	P iS F	12	7 11 7 35 11				210	Tjibaloeng (Bantam, W. Java).	
140	" 30	Bat.	I <sub>v</sub>	P S F P iS F	12	17 48 18 7 21 17.4 17 38 20				160	Tjikaso (W. Preanger).	
		Mal.		P iS F	12	17 38 20				100	In minute eclipse.	
AUGUST.												
141	Aug. 1	Bat.	I <sub>v</sub>	iP <sub>v</sub> P <sub>E</sub> iS <sub>v</sub> iS F	15	24 45 24 48 25 8 25 12 29				210		
142	" 2	Bat.	II	iP i <sub>N</sub> i <sub>N</sub> F i L iP S L	5	7 6 8 5 11 51 58 7 22 16 5 31 17 8 18 50			25.8	11700?		
143	" 2	Bat.	I	P i F	12	46 54 52 58 6						



No.	Date 1926.	Station.	Character.	Phase.	Time (Greenwich).			Period.	Amplitude (half).		Distance of epicentre km.	Remarks.	
					h	m	s		$\mu$	$\mu$			
144	Aug. 3	Bat.	I	P <sub>v</sub>	5	47	45	22			3540	Azimuth N E; compression.	
				iP	3	47	58						
		Mal.	I	L	3	58							
				F	4	52							
				P	3	48	1						
				F	3	57							
Amb.	I	P	3	47	11								
		iS	3	47	36								
145	" 3	Bat.	III <sub>r</sub>	iP <sub>E</sub>	11	36	56	2560			2560	Azimuth E; dilatation. Namelea and Leksoela (Ceram, Moluccas MARON: S - P = 3 <sup>m</sup> 31 <sup>s</sup> $\Delta = 2150$ .	
				iS <sub>N</sub>	11	40	24						
		Mal.	I	F	12	19							
				iP	11	36	35						
		Amb.	I	iS	11	40	11						
				F	12	5							
146	" 3	Bat.	II	e	19	44	14						
				i	19	47	21						
				F	20	15							
147	" 6	Bat.	I	i <sub>1</sub>	15	59	11						
				i <sub>2</sub>	16	4	43						
				F	16	12							
148	" 9	Bat.	I	e	3	51	35						
				F	4	9							
149	" 12	Bat.	I <sub>v</sub>	P	11	51	55	200			200		
				S	11	52	18						
				F	11	58							
150	" 15	Bat.	I	iP <sub>E</sub>	6	36	45	2530			2530	Azimuth N E; compression. Manganitoe (Sangi I.).	
				iS <sub>N</sub>	6	40	44						
		Mal.	I	F	6	53							
				i	6	56	40						
		Amb.	I	F	6	44							
				iP	6	56	56						
" 15	" 16	Amb.	I	iS	6	58	31	890			890		
				F	23	46	25						
" 19	" 19	Amb.	I	iP <sub>E</sub>	13	56	4	220			220	Eastern Central Celebes.	
				iS <sub>N</sub>	13	59	42						
" 23	" 23	Amb.	I	iP	10	21	6	220			220	Wahai (Ceram).	
				S	10	21	31						
151	" 25	Bat.	I <sub>u</sub>	iP <sub>1</sub>	5	55	22	33			191		
				i <sub>1</sub>	6	4	2						
				i <sub>2</sub>	6	5	1						
				L	6	14	31						
				M <sub>1</sub>	6	20.3							
				M <sub>2</sub>	6	28.3							
				M <sub>3</sub>	6	37.3							
				F	7	0							
						19.0	57						191
						19.8	164						123
		10.0	27	—									

No.	Date 1925.	Station.	Character.	Phase.	Time (Greenwich).			Period.	Amplitude (half).		Distance of epicentre km.	Remarks.
					h	m	s		$\mu$	$\mu$		
152	Aug. 25	Bat.	I <sub>u</sub>	i <sub>1</sub>	5	55	18	19			3500	Menado.
				i <sub>2</sub>	6	3	53					
		Mal.	I	L	6	17	29					
				M	6	20	53					
		Amb.	I	F	6	40						
				iP	5	54	51					
" 25	" 25	Amb.	I	i	6	3	48	18.9			18.9	
				L	6	21.8						
				e	7	53	18					
" 25	" 25	Amb.	I	i	8	1	59	20.5			20.5	
				L <sub>E</sub>	8	16						
				L <sub>N</sub>	8	18						
" 25	" 25	Amb.	I	F	8	57		19.0			19.0	
				iP	11	59	21					
				S	12	0	17					
" 26	" 26	Bat.	I	P	15	37	59					
				e	6	51	49					
				i <sub>1</sub>	7	0	9					
" 26	" 26	Bat.	I	i <sub>2</sub>	7	0	49					
				F	7	7						
				iP	11	50	54					
" 30	" 30	Bat.	I <sub>u</sub>	i <sub>N</sub>	11	51	28	9970			9970	Azimuth S S E.
				i <sub>1</sub>	12	1	8					
		Mal.	I	i <sub>2</sub>	12	1	50					
				i <sub>3</sub>	12	2	19					
		Amb.	I	F	12	13						
				iP	11	51	4					
" 30	" 30	Amb.	I	iS	12	1	48					
				F	12	8						
SEPTEMBER.												
" 1	Sept. 1	Amb.	I	iP	23	34	10	90			90	
				iS	23	34	21					
" 2	" 2	Bat.	II <sub>u</sub>	iP	1	31	7	24.8			6000	Azimuth W S W; dilatation.
				iS	1	38	42					
		Mal.	I	L	1	47						
				F	2	52						
		Amb.	I	iP	1	32	6					
				L	1	46.5						
" 4	" 4	Bat.	I	i	15	26	16	20.8			20.8	
				F	15	29						
" 4	" 4	Bat.	I <sub>u</sub>	iP	15	46	59	6540			6540	Azimuth N N E; dilatation
				P <sub>v</sub>	15	47	5					
				iS	15	55	2					
" 4	" 4	Amb.	I	F	16	6						
				i	15	43	46					
				e	15	11.6						
" 6	" 6	Bat.	I <sub>u</sub>	i	15	19	19					
				F	15	37						



No.	Date 1926.	Sta- tion.	Char- acter.	Phase.	Time (Greenwich).			Period.	Amplitude (half)		Distance of epi- centre.	Remarks.		
					h	m	s		sec.	$\mu$			$\eta$	
159	Sept. 7	Bat.	II	iP <sub>E</sub>	12	50	19	52	17	8	4150	Azimuth ESE; compression.		
				P <sub>v</sub>	12	50	26							
				L <sub>v</sub>	12	41								
		Mal.		iP	12	50	22							
				iS	12	56	6							
				F	12	55								
Amb.	iP	12	27	6	1800	Azimuth ESE.								
	iS	12	30	18										
	F	15	10											
—	• 8	Amb.		iP	9	49	58	390						
				S <sub>N</sub>	9	50	42							
—	• 8	Amb.		P	17	47	48	160						
				iS	17	48	7							
160	" 10 ( <sup>c</sup> )	Bat.	III <sub>v</sub> Bosch	iP	10	55	58	18	11	7	700	Off: 10 <sup>h</sup> 57 <sup>m</sup> 19 <sup>s</sup> ; On: 11 <sup>h</sup> 4 <sup>m</sup> . Azimuth S 50.9 E; dilatation Central Java; some dam- age in Djokja. Off: 10 <sup>h</sup> 56 <sup>m</sup> 18 <sup>s</sup> ; On: 11 <sup>h</sup> 17 <sup>m</sup> .		
				F	12	51								
				iP	10	55	40							
				iS	10	56	55							
				Mal.	iP	10	55						22	
					i	10	55						27	
		Amb.			iP	10	57				44			
				i <sub>N</sub>	10	45	27							
				L	10	49	4							
		• 10		Amb.		iP <sub>E</sub>	10				52		10	Central Java.
						F	11				7			
		—		• 10	Mal.		e				12		57	40
				F	12	42								
—	• 10	Mal.		e	12	45	42	Mal.						
				F	12	49								
161	• 10	Bat.	II <sub>v</sub>	P	15	9	40	18	11	7	Central Java.			
				i <sub>1</sub>	15	11	9							
				i <sub>2</sub>	15	11	45							
		Mal.		F	15	54								
				iP	15	9	27							
				F	15	18								
162	• 10	Bat.	II <sub>v</sub>	P	15	58	24	18	11	7	Central Java.			
				i	14	0	6							
				F	14	16								
		Mal.		iP	15	58	9							
				F	14	7								
163	• 10	Bat.	I <sub>v</sub>	P	15	48	56	18	11	7	860	Central Java.		
				S	15	50	8							
				F	16	4								
		Mal.		iP	15	48	16							
				F	15	55								
164	• 10	Bat.	I <sub>v</sub>	e	16	15	56	18	11	7	Central Java.			
				i	16	17	8							
				F	16	19								
		Mal.		P	16	14	22							
				F	16	20								

(<sup>c</sup>) Note. A long series of earthquakes occurred in Central Java. At Maron 176 shocks had 10<sup>h</sup> 36<sup>m</sup> (No 160) to September 14<sup>th</sup> 8<sup>h</sup> 32<sup>m</sup> (No 182), 76 of which occurred during the first



No.	Date 1926.	Station.	Char- acter.	Phase.	Time (Greenwich).			Period.	Amplitude (half).		Distance of epi- centre.	Remarks.
					h	m	s		sec.	$\mu$		
165	Sept. 10	Bat.	I <sub>v</sub>	e	17	14	16				Central Java.	
				i	17	15	42					
		Mal.	P	17	14	20						
			F	17	20							
166	" 10	Bat.	I <sub>v</sub>	e	19	0	17				Central Java.	
		Mal.	F	19	6							
			P	19	0	25						
	" 10	Mal.		F	19	5						
	" 10	Mal.		e	19	55	45				Central Java.	
167	" 10	Bat.	I <sub>v</sub>	i	19	58	48				850	Central Java.
				S	19	59	59					
		Mal.	F	19	44							
			i	19	58	1						
	" 10	Bat.	II <sub>v</sub>	P	19	55	18				770	Central Java.
	" 10			iS	19	54	41					
	" 10	Mal.		F	19	14						
	" 10			iP	19	52	59					
	" 10			F	20	5						
169	" 11	Bat.	I <sub>v</sub>	P	1	17	57				880	Central Java.
				S	1	19	51					
		Mal.	F	1	29							
			P	1	17	55						
	" 11			F	1	25						
170	" 11	Bat.	I <sub>v</sub>	e	6	26	50				Central Java.	
				F	6	54	48					
		Mal.	P	6	26	59						
			F	6	50							
171	" 11	Bat.	I <sub>v</sub>	P	6	50	52				600	Central Java.
				S	6	51	57					
		Mal.	F	7	4							
			P	6	50	52						
	" 11			F	6	58						
172	" 11	Bat.	I <sub>v</sub>	e	10	47	55				Central Java.	
				F	10	55						
		Mal.	P <sub>E</sub>	10	47	1				660		
			iS	10	47	12						
	" 11			F	10	52						
173	" 11	Bat.	III <sub>v</sub>	iP	12	28	51				Central Java.	
				i <sub>N</sub>	12	29	45					
				i	12	50	57					
				Mal.	iP	12	28	57				
					S?	12	29	22				
		Amb.	F	12	59							
			P	12	50	54				2250		
			iS	12	54	51						
			L	12	42.3							
			F	13	0							
" 11	Mal.		P	12	55	46					Central Java.	
		F	12	57								



No.	Date 1926.	Station.	Character.	Phase.	Time (Greenwich).			Period	Amplitude half.		Distance of epicentre.	Remarks.
					h	m	s		sec.	$\mu$		
174	Sept. 11	Bat.	I <sub>v</sub>	e	15	4.6				Central Java.		
				i	15	5	35					
		Mal.	iP <sub>E</sub>	15	22							
				S <sub>N</sub>	15	4	9					
175	" 11	Bat.	I <sub>v</sub>	e	15	59.6			Central Java.			
				i	14	1	36					
		Mal.	eP	15	59	6						
				F	14	5						
176	" 11	Bat.	II <sub>v</sub>	P	14	45	1		Central Java.			
				i	14	46	52					
		Mal.	P	15	6							
				iS	14	44	48					
177	" 11	Bat.	I <sub>v</sub>	e	25	40.8			Central Java.			
				i	25	50						
		Mal.	P	25	40	39						
				F	25	47						
178	" 12	Bat.	I	P	10	20	6		Not registered at Maron.			
				i	10	27						
		Mal.	P	10	19	47						
				S	10	20	35					
179	" 12	Bat.	II <sub>v</sub>	P	13	11	24		Central Java.			
				i	15	12	25					
		Mal.	P	13	10	56						
				i	13	11	15					
180	" 12	Bat.	I <sub>v</sub>	P	15	49	14		Not registered at Maron.			
				i	16	15						
		Mal.	P	13	10	56						
				i	13	11	15					
181	" 12	Bat.	II <sub>v</sub>	P	21	55	56		Central Java.			
				i	21	57	1					
		Mal.	P	21	52							
				i	21	55	35					
182	" 13	Bat.	I <sub>v</sub>	P <sub>E</sub>	18	31	27		Central Java.			
				iS	18	32	48					
		Mal.	P	18	33	56						
				i	18	41						
183	" 14	Bat.	I	P	18	31	11		Central Java.			
				i	18	31	54					
		Mal.	P	18	31	11						
				i	18	39						

No.	Date 1926.	Station.	Character.	Phase.	Time (Greenwich).			Period.	Amplitude (half)		Distance of epicentre.	Remarks.
					h	m	s		sec.	$\mu$		
—	Sept. 13	Mal.		eP	25	18	0			400		
					S	23	18	45				
					F	23	23					
—	Sept. 15	Mal.		P	1	22	19			150		
					iS	1	22	56				
					F	1	24					
184	" 15	Bat.	I	e	11	36.5			400			
				F	11	51						
185	" 15	Bat.	I	e	12	2.5			400			
				i	12	5	44					
186	" 16	Bat.	I	e	16	11	41		400			
				i	16	13	24					
187	" 16	Bat.	II <sub>u</sub>	eP	18	8	26		5610			
				i	18	8	30					
188	" 16	Bat.	I	S	18	15	41		5610			
				L	18	31.7	26.5					
189	" 17	Bat.	I	iP	18	5	7		5610			
				i <sub>1</sub>	18	5	59					
190	" 18	Bat.	I	i <sub>2</sub>	18	9	56		5610			
				L	18	15.1	29.6					
191	" 18	Bat.	I	F	19	55			5610			
				P	18	8	26					
192	" 18	Bat.	I	iS	18	15	57		5610			
				eL	18	25	34					
193	" 16	Bat.	I	e	18	47.7			5610			
				i	18	48	43					
194	" 16	Bat.	I	F	18	55			5610			
				e	18	47	21					
195	" 17	Bat.	I	i	15	28	1		5610			
				F	15	35						
196	" 17	Bat.	I	P	15	27	42		5610			
				S	13	28	25					
197	" 17	Bat.	I	F	15	32			5610			
				e	18	48	5					
198	" 18	Bat.	I	i	16	58	50		5610			
				F	17	5						
199	" 19	Amb.		i	21	49	26		5610			
200	" 22	Mal.		iP	0	56	47		90			
				iS	0	36	58					
201	" 25	Mal.		F	0	38			160			
				P	0	21	57					
202	" 25	Bat.	I <sub>v</sub>	iS	0	22	16		240			
				F	21	15	12					
203	" 25	Bat.	I <sub>v</sub>	iP	21	12	45		240			
				iS	21	12	46					
204	" 25	Bat.	I <sub>v</sub>	iS	21	15	12		240			
				F	21	18						



No.	Date 1926.	Sta- tions.	Char- achter.	Phase.	Time (Greenwich).			Period.	Amplitude (half).		Distance of epi- centre.	Remarks.
					h	m	s		sec.	$\mu$		
		Mal.		iP	21	12	15				100	
				iS	21	12	27					
				F	21	16						
192	Sept. 26	Bat.	I	i <sub>1</sub>	18	8	27					
				i <sub>2</sub>	18	9	20					
				F	18	11						
195	" 28	Bat.	I	iP <sub>E</sub>	15	58	42				Flores.	
				F	16	18						
		Amb.		P	15	57	16				1500	
				iS	15	59	52					
				F	16	24						
194	" 29	Bat.	I	i <sub>E</sub>	12	24	24					
				F	12	59						
195	" 30	Bat.	II	P <sub>v</sub>	5	21	26				1760	
				iP	5	21	52					
				S <sub>v</sub>	5	24	29					
				iS	5	24	50					
				F	5	40						
		Amb.		iP	5	19	44				940	
				iS	5	21	25					
				F	5	43						



# SEISMOLOGICAL BULLETIN 1926

## BATAVIA OBSERVATORY, JAVA.

1926.	E-W component.			N-S component.		
	V.	T <sub>0</sub> .	ε.	V.	T <sub>0</sub> .	ε.
October . . . . .	190	7.5	3.3	188	7.8	3.5
November . . . . .	"	7.4	3.3	"	7.7	3.5
December . . . . .	"	7.2	3.4	"	7.6	3.4

N.B. Times of Amboina are not yet quite reliable.

### OCTOBER.

No.	Date 1926.	Sta- tion	Char- acter.	Phase.	Time (Greenwich).			Period.	Amplitude (half).		Distance of epi- centre.	Remarks.
					h	m	s		sec.	A <sub>E</sub>		
196	Oct. 2	Bat.	I <sub>V</sub>	P	14	52	8		μ	μ	km. 220	
				i <sub>S</sub>	14	52	55					
				F	14	56						
197	" 5	Bat.	I	i <sub>E</sub>	16	15	54					
				i <sub>E</sub>	16	17	16					
				F	16	23						
198	" 5	Bat.	II	i <sub>V</sub>	19	48	23					Azimuth NW. compression
				i <sub>P</sub>	19	48	27					
				i <sub>V</sub>	19	48	45					
				i <sub>E</sub>	19	56	32					
				i <sub>E</sub>	19	57	19					
				L <sub>N</sub>	20	9	14					
		M <sub>N</sub>		20	11	52	22.5					
		F		21	25							
		Mal.		P	19	48	2					
				i	19	48	59					
				L	20	5	55					
		Amb.		M	20	10	28					
				F	21	5						
i <sub>P</sub>	19		50	8								
i <sub>1</sub>	19		50	32								
199	" 9	Bat.	I	F	21	57						
				P	4	4	21					
				i <sub>1</sub>	4	4	42					
				i <sub>2</sub>	4	5	59					
				F	4	11						



No.	Date 1926.	Station.	Character.	Phase.	Time (Greenwich).			Period.	Amplitude (half)		Distance of epicentre.	Remarks.
					h	m	s		$\mu$	$\mu$		
200	Oct. 9	Bat.	I <sub>v</sub>	P	16	56	9			120	Bantam and W. Preanger.	
		Mal.		iS	16	56	25			120		
				F	16	40						
				P	16	56	9					
				S	16	56	25					
201	" 11	Bat.	I	i <sub>v</sub>	0	22	44				Dilatation.	
				F	0	30						
202	" 11	Bat.	I	e	7	51,0					Disturbed by micros. Dilatation.	
				i <sub>v</sub>	7	51	25					
				i <sub>N</sub>	7	55	17					
				F	7	45						
203	" 12	Bat.	I	i	1	59	12					
				i <sub>E</sub>	2	5	14					
				F	2	20						
204	" 15	Bat.	I	e	6	14,6						
				i <sub>E</sub>	6	25	21					
				F	6	29						
205	" 15	Bat.	I	e	14	29,6						
				F	14	47						
206	" 15	Bat.	II	iP	19	20	58				Azimuth S W.	
				i <sub>E</sub>	19	22	48					
				i	19	51	59				In minute mark.	
				eL	19	51,7						
		Amb.		F	19	in next						
				iP	19	20	45					
				i <sub>E</sub>	19	28	11					
				eL	19	45		26.4				
207	" 15	Bat.	I	i	20	15	0					
				F	20	50						
208	" 15	Bat.	I <sub>v</sub>	i	2	25	57				Disturbed by street traffic. Central Java.	
				F	2	28						
209	" 15	Bat.	II <sub>v</sub>	i <sub>v</sub>	19	52	49			1570	Azimuth W; compression.	
				iP	19	52	55					
				i <sub>N</sub>	19	55	15					
				i <sub>v</sub>	19	55	4					
				iS <sub>v</sub>	19	55	9					
				iS	19	55	14					
				F	19	55	50					
		Mal.		eP	19	55	12			1550		
				iS	19	55	29					
				F	19	42						
	" 18	Amb.		iP	0	56	57			350		
				S	0	57	17					
				F	0	41						
	" 20	Mal.		P	10	46	4			90	Tjikaso (W. Preanger).	
				iS	10	46	14					
210	" 22	Bat.	I <sub>v</sub>	iP	17	24	51				Probably Pagai I. (Sumatra).	
				i	17	29	25					
				F	17	50						

No.	Date 1926.	Station.	Character.	Phase.	Time (Greenwich).			Period.	Amplitude (half)		Distance of epicentre.	Remarks.
					h	m	s		$\mu$	$\mu$		
211	Oct. 22	Bat.	I <sub>v</sub>	iP	18	41	2				Probably Pagai I.	
				i <sub>1</sub>	18	42	55					
				i <sub>2</sub>	18	45	15					
				F	19	5						
—	" 24	Mal.		e	1	59	47			90	Tjikaso (W. Preanger).	
				iS	1	59	48					
212	" 25	Bat.	I	i <sub>1</sub>	1	54	12					
				i <sub>2</sub>	1	55	42					
				F	2	11						
213	" 25	Bat.	I <sub>v</sub>	iP	15	27	4			160	Tjikepoh (W. Preanger).	
				iS	15	27	25					
				F	15	30						
214	" 26	Bat.	III <sub>r</sub>	iP	5	51	10			3950	Azimuth E; compression. Probably New Guinea.	
				i	5	52	59					
				iS	5	57	50					
				i	4	1	16					
				L	4	5	9	25.4				
		Mal.		F	in next							
				P	5	51	9					
				L <sub>E</sub>	5	57	55	24				
				F	5	15						
215	" 26	Bat.	II	i <sub>1</sub>	6	18	2					
				i <sub>2</sub>	6	19	25					
				F	7	24						
216	" 26	Bat.	I	e	8	41,6						
				i	8	45	2					
				F	9	4						
217	" 26	Bat.	I	i <sub>E</sub>	14	22	49					
				i	14	28	28					
				F	14	48						
218	" 27	Bat.	I	i	5	6	51					
				F	5	20						
219	" 29	Bat.	I	e	0	9,6						
				i	0	15	20					
				F	0	28						
220	" 30	Bat.	II <sub>r</sub>	iP	10	16	59			2950	Azimuth N E; compression.	
				iS	10	21	29					
				F	10	55						
		Amb.		e	10	17	53					
221	" 30	Bat.	I <sub>v</sub>	iP <sub>v</sub>	10	25	52				Dilatation; horizontal components lost in No. 220. W. Preanger.	
				F	in No. 220							
		Mal.		iP	10	25	46			80	Pens thrown off; starting anew 10 <sup>h</sup> 26. <sup>m</sup>	
				iS	10	25	56					
NOVEMBER.												
—	Nov. 1	Amb.		iP	5	15	5				Pens thrown off.	
—	" 4	Amb.		iP	18	55	1			60		
				iS	18	55	2					



No.	Date 1926.	Station.	Character.	Phase.	Time (Greenwich).			Period.	Amplitude (half)		Distance of epicentre.	Remarks.
					h	m	s		$\mu$	$\mu$		
222	Nov. 5	Bat.	I <sub>u</sub>	i <sub>v</sub>	8	15	28	51.8 52				
				i <sub>1</sub>	8	15	52					
				i <sub>2</sub>	8	20	21					
				L <sub>N</sub>	8	55	40					
				F	9	20	7					
		Amb.		iP	8	18,5						
225	" 6	Bat.	I	i <sub>1</sub>	9	29,7		Disturbed by street traffic.				
				i <sub>2</sub>	9	55	57					
				F	9	49						
224	" 6	Bat.	I	e	10	5,7						
				i <sub>N</sub>	10	8	7					
				F	10	41						
225	" 6	Bat.	I	i <sub>E</sub>	21	14	2	220				
				i	21	18	14					
				F	21	25						
		Amb.		iP	21	10,8						
				iS	21	11,2						
226	" 7	Bat.	I	i <sub>E</sub>	16	9	5					
				i <sub>E</sub>	16	15	20					
				F	16	22						
227	" 7	Bat.	I <sub>v</sub>	P <sub>v</sub>	17	25	5	90			E. Preanger (Java).	
				iP	17	25	9					
				i <sub>1</sub>	17	25	57					
				i <sub>2</sub>	17	25	45					
		Mal.		F	17	29						
				iP	17	24	47					
				iS	17	24	58					
—	" 8	Amb.		iP	15	41,5						
228	" 8	Bat.	I <sub>v</sub>	eP	21	1	16					
				P <sub>v</sub>	21	1	16					
		Mal.		F	21	5		100				
				P	21	0	58					
				iS	21	1	10					
229	" 9	Bat.	I <sub>v</sub>	i <sub>E</sub>	5	58	58	710?			E. Java and Bali. MARON: S? — P = 26 sec. △ = 250?	
				i <sub>N</sub>	5	59	42					
				F	4	16						
		Mal.		P	5	58	55					
				eS?	4	0	12					
—	" 10	Amb.		iP	15	7,6		250				
				iS	15	8,0						
—	" 11	Amb.		iP	25	7,7		590				
				iS	25	8,8						
—	" 14	Mal.		P	18	2	50	70				
				iS	18	2	58					
250	" 16	Bat.	I	e <sub>E</sub>	18	9	27					
				F	18	14						
—	" 18	Mal.		P	19	9	12	100				
				iS	19	9	24					

No.	Date 1926.	Station.	Character.	Phase.	Time (Greenwich).			Period.	Amplitude (half)		Distance of epicentre.	Remarks.
					h	m	s		$\mu$	$\mu$		
—	Nov. 19	Amb.		iP	0	44,2		1980				
				iS	0	50,0						
251	" 26	Bat.	I <sub>v</sub>	iP	16	50	52	180			Azimuth W; dilatation.	
				iS <sub>v</sub>	16	51	11					
				iS	16	51	15					
				F	16	56						
—	" 26	Amb.		P	10	17,6		1780?				
				S?	10	20,6						
				F	10	47						
252	" 27	Bat.	II	iP <sub>v</sub>	5	24	48	24			Azimuth ENE; dilatation.	
				P	5	24	49					
				i <sub>1</sub>	5	29	0					
				i <sub>2</sub>	5	29	22					
				L <sub>v</sub>	5	34						
				F	5	59						
DECEMBER.												
553	Dec 2	Bat.	I	iP	8	25	7					
				iP <sub>v</sub>	8	25	8					
				i	8	50	58					
				F	8	48						
254	" 5	Bat.	I	iP <sub>v</sub>	22	52	55					
				P	22	52	59					
				i	25	1	10					
				F	25	5	59					
255	" 5	Bat.	I	i <sub>E</sub>	19	56	56					
				F	20	9						
256	" 8	Bat.	I	i	17	51	41					
				F	18	4						
257	" 9	Bat.	I	e	19	56,8						
				i <sub>E</sub>	19	58	22					
				F	19	45					Destructive at Proepoek (C. Java). MARON: i <sub>1</sub> — P = 8 sec. i <sub>2</sub> — P = 26 sec.	
258	" 13	Bat.	II <sub>v</sub>	P	10	27	52					
				i	10	27	41					
				i <sub>N</sub>	10	28	12					
				F	10	47						
		Mal.		iP	10	27	24	160				
				iS	10	27	43					
				F	10	55						
259	" 14	Bat.	I	P	5	45,7					Disturbed by street traffic.	
				F	5	51						



No.	Date 1926.	Station.	Character.	Phase.	Time (Greenwich).			Period.	Amplitude (half).		Distance of epicentre.	Remarks.
					h	m	s		$\mu$	$\mu$		
240	Dec. 14	Bat.	II	iP	17	14	7	23.5			1470	Dilatation. MARON: $i_1 - P = 2^m 8^s$ $i_2 - P = 2^m 25^s$
				iP <sub>v</sub>	17	14	10					
				i <sub>1</sub>	17	14	16					
				i <sub>2</sub>	17	17	16					
				i <sub>N</sub>	17	18	57					
				L <sub>v</sub>	17	19						
		Mal.	F	17	41							
			P	17	15	55						
			i	17	15	58						
		Amb.	S	17	16	25						
			F	17	20							
			iP	17	12,6							
241	" 16	Bat.	I	P	7	55	24	24.0			380	
				i	7	59	4					
				F	7	46						
—	" 16	Amb.		iP	22	55,4		15.1				
				i <sub>1</sub>	22	58,0						
				i <sub>2</sub>	22	59,5						
				F	22	45						
—	" 17	Amb.		iP	0	50,1						
				iS	0	50,8						
				F								
242	" 17	Bat.	III <sub>r</sub>	i	4	20	9	23.5			380	Azimuth W N W.
				iP	4	20	15					
				i <sub>1</sub>	4	20	55					
				i <sub>v</sub>	4	20	40					
				i <sub>2</sub>	4	22	29					
				F	4	42						
		Mal	iP	4	20	52						
			i <sub>N</sub>	4	21	19						
			P	4	50							
243	" 17	Bat.	I	i <sub>N</sub>	15	56	18	23.5			380	Paloe (C Celebes).
				F	14	5						
244	" 21	Bat.	I	eP	20	8	40	23.5			550	
				i	20	12	52					
				i <sub>E</sub>	20	14	8					
				F	20	15						
—	" 25	Amb.		P	6	26,9						
				iS	6	27,9						
				F								
245	" 23	Bat.	I <sub>v</sub>	P	11	55	40	23.5			380	Proepoek (C. Java).
				i <sub>N</sub>	11	56	51					
				F	11	41						
246	" 24	Bat.	I	e	7	9	59	23.5				
				i <sub>E</sub>	7	15	59					
				F	7	58						

No.	Date 1926.	Station.	Character.	Phase.	Time (Greenwich).			Period.	Amplitude (half)		Distance of epicentre.	Remarks.
					h	m	s		$\mu$	$\mu$		
247	Dec. 25	Bat.	I	P <sub>E</sub>	6	52	2	17.8			1540	Azimuth EN; compression. MARON: $iS - iP = 1^m 57^s$ $\Delta = 1110$ km.
				i	6	52	54					
				F	7	19						
				iP	6	46,5						
				M	6	55,2						
248	" 25	Bat.	II <sub>r</sub>	iP <sub>v</sub>	15	46	41	23.5			1290	
				iP	15	46	47					
				i <sub>v</sub>	15	48	0					
				iS <sub>v</sub>	15	49	0					
				iS	15	49	5					
				i	15	50	19					
		Mal.	F	16	9							
			iP	15	46	58						
			i	15	48	45						
			iS	15	48	55						
—	" 26	Amb.		F	15	56					940	
				iP	19	4,0						
				iS	19	5,6						
				i	19	15,5						
249	" 26	Bat.	I <sub>v</sub>	P <sub>E</sub>	7	54	47	23.5			170	
				iS	7	55	7					
				F	7	39						
				eP	7	54	56					
				S	7	55	20					
250	" 26	Bat.	I <sub>v</sub>	e	21	2,7		23.5			210	C. Java.
				F	21	8						
				e	21	2	7					
				S	21	2	51					
				F	21	6						
—	" 28	Amb.		P	15	55,0					650	
				iS	15	56,1						
				F	15	55						