

SEISMOLOGICAL BULLETIN 1927.

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.

WIECHERT Vertical Pendulum, 1300 kilograms.

PREFACE.

The astatic seismograph of WIECHERT of 1000 kg is registering regularly since December 6th 1908; the vertical seismograph since July 9th, 1927.

The instruments are mounted on heavy brick pillars in a room with thick walls (about 70 centimeters) that is protected against the sun's heat by open galleries around it. The horizontal 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 impulse dial of the Synchronome Company Ltd. London.

For each month the mean constants for that month are applied. T_0 and ϵ , 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 for the horizontal pendulum by direct measurement, giving the pendulum a displacement by means of the horizontal adjusting screw, 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

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

The constants used from January — March incl., 1927, are given below

| 1927. | E-W component. | | | N-S component. | | | V. component. | | |
|--------------------|----------------|---------|--------------|----------------|---------|--------------|---------------|---------|--------------|
| | V. | T_0 . | ϵ . | V. | T_0 . | ϵ . | V. | T_0 . | ϵ . |
| January | 266 | 6.9 | 3.7 | 202 | 7.5 | 3.3 | 370 | 5.2 | 4.2 |
| February | " | 7.4 | 3.4 | " | 7.4 | 3.2 | 377 | 5.1 | 4.2 |
| March | " | 7.2 | 3.4 | " | 7.2 | 3.3 | 360 | 5.3 | 4.2 |

(1) For the E. Longitude of the Observatory, see: J. BOEREMA, 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) = 1st preliminary tremors.
- S (" secundae) = 2nd " "
- L (" longae) = principal phase, long waves.
- M (" maximae) = maximum amplitude.
- C (coda) = prominent waves among the after tremors.
- F (finis) = end of perceptible movement.
- PR₁, PR₂, SR₁, SR₂, = 1st, 2nd 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_E = E.-W. component of A.
- A_N = N.-S. " " "
- i (impetus) = abrupt commencement, clearly defined.
- e (emersio) = gradual " , 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° 41,5'; E. Longitude 128° 10,5'; 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 Batavia are calculated with the time tables of Dr. S. W. Visser. See Verhandelingen Batavia No. 7, 1921 (out of print). The postponed table is an extract of these tables.

| Distance. | S-P | P-O | S-O | Distance. | S-P | P-O | S-O |
|-----------|------|------|-------|-----------|------|------|-------|
| 1° | m s | m s | m s | 56° | m s | m s | m s |
| 2 | 0 13 | 0 16 | 0 29 | 57 | 7 46 | 9 54 | 17 40 |
| 3 | 25 | 31 | 56 | 58 | 52 | 10 1 | 53 |
| 4 | 38 | 46 | 1 24 | 59 | 58 | 8 | 18 6 |
| 5 | 50 | 1 1 | 51 | 60 | 8 4 | 15 | 19 |
| 6 | 1 1 | 17 | 2 18 | 61 | 10 | 22 | 32 |
| 7 | 12 | 32 | 44 | 62 | 15 | 29 | 44 |
| 8 | 24 | 47 | 3 11 | 63 | 21 | 36 | 57 |
| 9 | 35 | 2 2 | 37 | 64 | 26 | 43 | 19 9 |
| 10 | 47 | 16 | 4 3 | 65 | 32 | 49 | 21 |
| | 57 | 31 | 28 | 66 | 38 | 55 | 33 |
| 11 | 2 8 | 45 | 53 | 67 | 43 | 11 2 | 45 |
| 12 | 19 | 59 | 5 18 | 68 | 49 | 8 | 57 |
| 13 | 30 | 3 12 | 42 | 69 | 55 | 14 | 20 9 |
| 14 | 40 | 26 | 6 6 | 70 | 9 1 | 20 | 21 |
| 15 | 50 | 39 | 29 | | 6 | 26 | 32 |
| 16 | 3 0 | 52 | 52 | 71 | 11 | 33 | 44 |
| 17 | 10 | 4 4 | 7 14 | 72 | 16 | 39 | 55 |
| 18 | 19 | 17 | 36 | 73 | 21 | 45 | 21 6 |
| 19 | 28 | 29 | 57 | 74 | 27 | 51 | 17 |
| 20 | 37 | 41 | 8 18 | 75 | 32 | 57 | 29 |
| 21 | 46 | 53 | 39 | 76 | 37 | 12 3 | 40 |
| 22 | 55 | 5 4 | 59 | 77 | 42 | 9 | 51 |
| 23 | 4 3 | 16 | 9 19 | 78 | 47 | 15 | 22 2 |
| 24 | 11 | 27 | 38 | 79 | 53 | 20 | 13 |
| 25 | 19 | 38 | 57 | 80 | 58 | 26 | 24 |
| 26 | 27 | 48 | 10 15 | 81 | 10 4 | 31 | 35 |
| 27 | 35 | 58 | 33 | 82 | 9 | 37 | 46 |
| 28 | 41 | 6 9 | 50 | 83 | 14 | 42 | 56 |
| 29 | 48 | 19 | 11 7 | 84 | 19 | 47 | 23 6 |
| 30 | 56 | 28 | 24 | 85 | 24 | 52 | 16 |
| 31 | 5 3 | 37 | 40 | 86 | 28 | 58 | 26 |
| 32 | 10 | 46 | 56 | 87 | 32 | 13 4 | 36 |
| 33 | 17 | 55 | 12 11 | 88 | 37 | 9 | 46 |
| 34 | 24 | 7 4 | 28 | 89 | 41 | 15 | 56 |
| 35 | 30 | 15 | 45 | 90 | 46 | 20 | 24 6 |
| 36 | 36 | 22 | 58 | 91 | 50 | 25 | 15 |
| 37 | 43 | 30 | 13 13 | 92 | 55 | 30 | 25 |
| 38 | 50 | 38 | 28 | 93 | 59 | 35 | 34 |
| 39 | 57 | 46 | 43 | 94 | 11 3 | 40 | 43 |
| 40 | 6 5 | 55 | 58 | 95 | 7 | 45 | 52 |
| 41 | 11 | 8 1 | 14 12 | 96 | 11 | 50 | 25 1 |
| 42 | 18 | 9 | 27 | 97 | 15 | 55 | 10 |
| 43 | 25 | 17 | 42 | 98 | 18 | 14 0 | 18 |
| 44 | 32 | 24 | 56 | 99 | 22 | 5 | 27 |
| 45 | 40 | 31 | 15 11 | 100 | 25 | 10 | 35 |
| 46 | 47 | 39 | 26 | 101 | 27 | 15 | 42 |
| 47 | 55 | 47 | 40 | 102 | 30 | 20 | 50 |
| 48 | 7 0 | 54 | 54 | 103 | 32 | 25 | 57 |
| 49 | 6 | 9 2 | 16 8 | 104 | 34 | 30 | 26 4 |
| 50 | 13 | 9 | 22 | 105 | 37 | 34 | 11 |
| 51 | 18 | 18 | 35 | 106 | 40 | 39 | 19 |
| 52 | 24 | 24 | 48 | 107 | 42 | 44 | 26 |
| 53 | 29 | 32 | 17 1 | 108 | 45 | 48 | 33 |
| 54 | 35 | 39 | 14 | 109 | 47 | 53 | 40 |
| 55 | 40 | 47 | 27 | 110 | 50 | 58 | 46 |

JANUARY 1927.

| N ^o . | Date 1927. | Station. | Char-acter. | Phase. | Time (G.M.T.). | | | Period. | Amplitude (half). | | Distance of epi-centre | Remarks. |
|------------------|------------|----------|-----------------|-----------------|----------------|------|------|---------|-------------------|------|------------------------|----------|
| | | | | | h | m | s | | μ | μ | | |
| | | | | | sec. | μ | μ | | km. | | | |
| 1 | Jan. 1 | Bat. | I | i ₁ | 18 | 56 | 51 | | | | | |
| | | | | i ₂ | 19 | 1 | 10 | | | | | |
| | | | | F | 19 | 6 | | | | | | |
| — | " 5 | Mal. | — | P | 7 | 7 | 21 | | | 80 | | |
| | | | | iS | 7 | 7 | 30 | | | | | |
| | | | | F | 7 | 9 | | | | | | |
| — | " 5 | Mal | — | P | 12 | 6 | 52 | | | 140 | | |
| | | | | iS | 12 | 7 | 8 | | | | | |
| | | | | F | 12 | 8 | | | | | | |
| 2 | " 5 | Bat. | I | i _N | 15 | 41 | 54 | | | | | |
| | | | | F | 15 | 45 | | | | | | |
| — | " 9 | Amb. | — | iP | 2 | 46,3 | | | | (50) | | |
| | | | | iS | 2 | 46,4 | | | | | | |
| 3 | " 12 | Bat. | I | i _N | 0 | 10 | 55 | | | | | |
| | | | | F | 0 | 25 | | | | | | |
| 4 | " 12 | Bat. | I | e | 24 | 45,6 | | | | | | |
| | | | | i | 21 | 56 | 35 | | | | | |
| | | | | F | 22 | 2 | | | | | | |
| — | " 14 | Amb. | — | e | 17 | 29,5 | | | | | | |
| | | | | F | 17 | 56 | | | | | | |
| 5 | " 20 | Bat. | — | i | 11 | 17 | 6 | 8.8 | | | | |
| | | | | L _N | 11 | 58 | 24 | | | | | |
| | | | | F | 11 | 45 | | | | | | |
| 6 | " 24 | Bat. | II _u | iP _N | 1 | 15 | 58 | | | | | |
| | | | | i | 1 | 16 | 1 | | | | | |
| | | | | i _E | 1 | 16 | 27 | | | | | |
| | | | | L | 1 | 59 | 25 | | | | | |
| | | | | M | 1 | 41,6 | 20.2 | | | | | |
| | | | | L _E | 1 | 46 | 2 | | | | | |
| | | | | L | 2 | 0 | 26 | | | | | |
| | | | | L _E | 2 | 16,6 | 16.2 | | | | | |
| | | | | F | 2 | 56 | | | | | | |
| | | | | Mal. | 1 | 15 | 52 | | | | | |
| | | | | i | 1 | 24 | 25 | | | | | |
| | | | | L | 1 | 29,4 | | | | | | |
| | | | | M | 1 | 59,4 | 20.5 | | | | | |
| | | | | L | 1 | 59,4 | 20.5 | | | | | |
| | | | | F | 2 | 7 | | | | | | |
| Amb. | 1 | 14 | 14 | | | | | | | | | |
| i ₁ | 1 | 14 | 26 | | | | | | | | | |
| i ₂ | 1 | 20 | 26 | | | | | | | | | |
| L | 1 | 28 | 25.5 | | | | | | | | | |
| M | 1 | 52 | 14 | | | | | | | | | |
| F | 2 | 30 | | | | | | | | | | |

| No. | Date 1927. | Sta-tion. | Char-acter. | Phase. | Time (G. M. T.) | | | Period. | Amplitude (half). | | Distance of epi-centre. | Remarks. |
|------|------------|-----------|-------------|----------------|-----------------|------|----|---------|-------------------|---|-------------------------|----------|
| | | | | | h | m | s | | μ | μ | | |
| | | | | | sec. | μ | μ | | km. | | | |
| 7 | Jan. 25 | Bat. | I | P _v | 25 | 20 | 50 | | | | | |
| | | | | P _E | 25 | 20 | 54 | | | | | |
| | | | | i | 25 | 25 | 24 | | | | | |
| " 26 | " 26 | Bat. | I | F | 0 | 8 | | | | | | |
| | | | | | | | | | | | | |
| 8 | " 27 | Bat. | I | i ₁ | 15 | 46 | 55 | | | | | |
| | | | | i ₂ | 15 | 52 | 55 | | | | | |
| | | | | F | 16 | 1 | | | | | | |
| 9 | " 28 | Bat. | I | F | 6 | 30 | 54 | | | | | |
| | | | | | | 6 | 58 | | | | | |
| 10 | " 29 | Bat. | I | iP | 7 | 49,1 | | | | | Lost in strong micros. | |
| | | | | F | 7 | 58 | | | | | | |

FEBRUARY.

| | | | | | | | | | | | | |
|-----|--------|------|-----------------|----------------|-----|------|----------------|------|--|------|------|---------------------------------|
| 11 | Feb. 1 | Bat. | II _r | i _E | 18 | 5 | 12 | 31.5 | | | 4980 | Azimuth ESE; compression. |
| | | | | iP | 18 | 5 | 14 | | | | | |
| | | | | i | 18 | 6 | 40 | | | | | |
| | | | | iS | 18 | 11 | 52 | | | | | |
| | | | | L | 18 | 20 | 51 | | | | | |
| | | | | F | 18 | 32 | | | | | | |
| | | | | Mal. | 18 | 5 | 10 | | | | | |
| | | | | iP | 18 | 11 | 52 | | | | | |
| | | | | iS | 18 | 11 | 55 | | | | | |
| | | | | i | 18 | 14 | 56 | | | | | |
| | | | | F | 18 | 17 | | | | | | |
| " 5 | " 5 | Bat. | I _u | iP | 18 | 1,9 | | | | 5160 | | |
| | | | | i _N | 18 | 2,2 | | | | | | |
| 12 | " 5 | Bat. | I _u | iS | 18 | 5,6 | | 20.9 | | | | Perhaps an error of one minute. |
| | | | | i _E | 18 | 7,1 | | | | | | |
| | | | | i _V | 4 | 1 | 1 | | | | | |
| | | | | e | 4 | 1 | 8 | | | | | |
| | | | | i _E | 4 | 7 | 25 | | | | | |
| | | | | i | 4 | 8 | 14 | | | | | |
| | | | | eL | 4 | 16,7 | 12.5 | | | | | |
| | | | | L _V | 4 | 17,7 | | | | | | |
| | | | | M | 4 | 19 | | | | | | |
| | | | | F | 4 | 57 | | | | | | |
| | | | | 13 | " 5 | Bat. | I _u | | | | | |
| L | 5 | 17 | 16 | | | | | | | | | |
| F | 5 | 50 | | | | | | | | | | |
| 14 | " 4 | Bat. | II | P _v | 2 | 59 | 52 | | | | | |
| | | | | iP | 2 | 59 | 55 | | | | | |
| | | | | i _v | 2 | 59 | 50 | | | | | |
| | | | | i | 2 | 59 | 55 | | | | | |
| | | | | i _E | 5 | 7 | 57 | | | | | |
| | | | | i _v | 5 | 8 | 15 | | | | | |
| | | | | i | 5 | 8 | 16 | | | | | |
| | | | | F | 5 | 40 | | | | | | |
| | | | | Mal. | 2 | 59,4 | | | | | | |
| | | | | i | 5 | 8 | 5 | | | | | |
| | | | | F | 5 | 16 | | | | | | |

| No. | Date 1927. | Station. | Character. | Phase. | Time (G. M. T.). | | | Amplitude (half) | | Distance of epicentre. | Remarks. |
|-----|------------|----------|-----------------|----------------------------|------------------|------|----|------------------|------|--|----------|
| | | | | | h | m | s | μ | μ | | |
| | | Amb. | | iP | 2 | 57,4 | | | 850 | | |
| | | | | iS | 2 | 58,9 | | | | | |
| | | | | i ₁ | 2 | 59,2 | | | | | |
| | | | | i ₂ | 3 | 6,6 | | | | | |
| | | | | L | 3 | 9,6 | | | | | |
| | | | | F | 5 | 24 | | | | | |
| 15 | Feb. 5 | Bat. | I | e | 7 | 42 | 2 | | | | |
| | | | | i | 7 | 47 | 51 | | | | |
| | | | | F | 7 | 55 | | | | | |
| 16 | " 8 | Bat. | I _v | P _E | 5 | 59 | 12 | | 260 | | |
| | | | | iP _v | 5 | 59 | 14 | | | | |
| | | | | i | 5 | 59 | 24 | | | | |
| | | | | iS _N | 5 | 59 | 41 | | | | |
| | | | | F | 5 | 47 | | | | | |
| | | Mal. | | P | 5 | 59 | 52 | | 250 | | |
| | | | | S | 5 | 40 | 0 | | | | |
| | | | | F | 5 | 45 | | | | | |
| | " 10 | Mal. | | iP | 8 | 27 | 49 | | 110 | | |
| | | | | iS | 8 | 28 | 2 | | | | |
| | | | | F | 8 | 50 | | | | | |
| | " 13 | Mal. | | iP | 5 | 7 | 40 | | 90 | | |
| | | | | iS | 5 | 7 | 51 | | | | |
| | | | | F | 5 | 10 | | | | | |
| 17 | " 16 | Bat. | I _u | i _v | 1 | 46 | 15 | | 7890 | Azimuth NE; Compression. more than one shock. Azimuth WNW. | |
| | | | | i | 1 | 46 | 18 | | | | |
| | | | | iS | 1 | 53 | 26 | | | | |
| | | | | i | 2 | 15 | 47 | | | | |
| | | | | L _v | 2 | 21 | | 17.5 | | | |
| | | | | L | 2 | 25 | | 15.7 | | | |
| | | | | e | 2 | 44 | | | | | |
| | | | | e | 3 | 7 | | | | | |
| | | | | i _v | 3 | 7 | 20 | | | | |
| | | | | L | 3 | 53 | | 12.6 | | | |
| | | | | L | 3 | 54 | | 18 0 | | | |
| | | Amb. | | P | 4 | 11 | | | 6070 | | |
| | | | | iS | 1 | 44,6 | | | | | |
| | | | | L | 1 | 52,5 | | | | | |
| | | | | P | 2 | 12 | | 17 8 | | | |
| | | | | P | 3 | 6,6 | | | 5500 | | |
| | | | | iS | 3 | 15,6 | | | | | |
| | | | | F | 4 | 55 | | | | | |
| 18 | " 17 | Bat. | II _r | iP | 25 | 1 | 21 | | 5540 | | |
| | | | | S | 25 | 6 | 17 | | | | |
| | | | | F | 23 | 24 | | | | | |
| 19 | " 20 | Bat. | I | iP _v | 5 | 4 | 20 | | 720? | | |
| | | | | iP | 5 | 4 | 21 | | | | |
| | | | | S? | 5 | 5 | 58 | | | | |
| | | | | F | 5 | 15 | | | | | |
| 20 | " 21 | Bat. | II | P _{E_v} | 12 | 28 | 54 | | 5160 | Dilatation. | |
| | | | | i | 12 | 29 | 42 | | | | |
| | | | | iS | 12 | 33 | 58 | | | | |
| | | | | F | 13 | 2 | | | | | |

| No. | Date 1927. | Station. | Character. | Phase. | Time (G. M. T.) | | | Period | Amplitude half. | | Distance of epicentre. | Remarks. |
|--------|------------|----------|------------------|----------------|-----------------|------|----|--------|-----------------|-----|--|----------|
| | | | | | h | m | s | | μ | μ | | |
| | | Mal. | | P | 12 | 28 | 58 | | | | | |
| | | Amb. | | F | 12 | 44 | | | | | | |
| | | | | iP | 12 | 26,7 | | | | 770 | | |
| | | | | iS? | 12 | 28,1 | | | | | | |
| | | | | i | 12 | 28,9 | | | | | | |
| | | | | i | 12 | 29,7 | | | | | | |
| | | | | L | 15 | 10 | | | | | | |
| 21 | Feb 22 | Bat. | I | i | 20 | 20 | 15 | | | | | |
| | | | | F | 20 | 27 | | | | | | |
| | " 23 | Amb. | | P | 9 | 43 | 41 | | | 300 | | |
| | | | | S | 9 | 44 | 15 | | | | | |
| 22 | " 24 | Mal. | I | i ₁ | 19 | 55 | 58 | | | | | |
| | | | | i ₂ | 20 | 5 | 58 | | | | | |
| | | | | L | 20 | 19,6 | | 26.5 | | | | |
| | | | | F | 20 | 51 | | | | | | |
| 23 | " 26 | Bat. | I | i ₁ | 2 | 16 | 27 | | | | | |
| | | | | i ₂ | 2 | 24 | 45 | | | | | |
| | | | | i ₃ | 2 | 26 | 42 | | | | | |
| | | | | F | 2 | 55 | | | | | | |
| | " 27 | Amb. | | P | 8 | 45 | 50 | | | 70 | | |
| | | | | iS | 8 | 45 | 58 | | | | | |
| | | | | F | 8 | 50 | | | | | | |
| 24 | " 28 | Bat. | I | i | 14 | 27 | 29 | | | | Azimuth NNE. | |
| | | | | F | 14 | 35 | | | | | | |
| 25 | " 28 | Bat. | I | e | 15 | 2 | 15 | | | | | |
| | | | | F | 15 | 15 | | | | | | |
| MARCH. | | | | | | | | | | | | |
| 26 | March 5 | Bat. | III _r | iP | 1 | 8 | 45 | | | | Compression. South Celebes and Flores. | |
| | | | | i | 1 | 8 | 54 | | | | MARON i-P= 14 sec. | |
| | | | | F | 1 | 40 | | | | | S-P= 2 ^m 30 sec. | |
| | | Mal. | | iP | 1 | 8 | 35 | | | | Δ= 1450. | |
| | | | | i | 1 | 9 | 1 | | | | | |
| | | | | F | 2 | 5 | | | | | | |
| | | Amb. | | iP | 1 | 15,2 | | | | 980 | | |
| | | | | i | 1 | 15,5 | | | | | | |
| | | | | iS | 1 | 15,0 | | | | | | |
| | | | | i | 1 | 15,1 | | | | | | |
| | | | | off | 1 | 16 | | | | | | |
| | " 5 | Amb. | | iP | 12 | 48,4 | | | | | | |
| 27 | " 4 | Bat. | II _v | iP | 2 | 16 | 14 | | | 550 | Compression. E. Preanger. | |
| | | | | P _v | 2 | 16 | 21 | | | | | |
| | | | | i | 2 | 16 | 25 | | | | | |
| | | | | iS | 2 | 16 | 51 | | | | | |
| | | | | F | 2 | 50 | | | | | | |
| | | Mal. | | iP | 2 | 16 | 25 | | | 520 | | |
| | | | | iS | 2 | 17 | 1 | | | | | |
| | | | | F | 2 | 19 | | | | | | |
| | " 4 | Amb. | | iP | 5 | 20 | 42 | | | | | |

| N ^o . | Date 1927. | Sta- tion. | Char- acter. | Phase. | Time (G. M. T.). | | | Period. | Amplitude (half) | | Distance of epi- centre. | Remarks. | | | | |
|------------------|---------------|---------------|-----------------|-----------------|---------------------|------|----|---------|---------------------|----------------|--------------------------------|-------------------------------|------|------|------|------|
| | | | | | h | m | s | | A _E | A _N | | | | | | |
| 28 | March. 7 | Bat. | III u | P _v | 9 | 56 | 55 | sec. | μ | μ | km. | Azimuth SW; compres- sion. | | | | |
| | | | | iP | 9 | 56 | 56 | | | | | | | | | |
| | | | | iS | 9 | 45 | 48 | | | | | | | | | |
| | | | | L _v | 9 | 52 | 5 | | | | | | | | | |
| | | | | L | 9 | 55 | 59 | | | | | | | | | |
| | | | | M ₁ | 10 | 0 | 56 | | | | | | 17.8 | 1180 | 884 | |
| | | | | M ₂ | 10 | 6 | 7 | | | | | | 17.5 | 619 | 1370 | |
| | | | | F | 11 | 25 | | | | | | | | | | |
| | | | | Amb. | iP | 9 | 54 | | | | | | 50 | | | 4540 |
| | | | | S? | 9 | 41 | 0 | | | | | | | | | |
| | L | 9 | 45 | 55 | 15.8 | | | | | | | | | | | |
| — | » 12 | Amb. | | iP | 16 | 28 | 29 | | | (50) | | | | | | |
| | | | | iS | 16 | 28 | 55 | | | | | | | | | |
| | | | | F | 16 | 50 | | | | | | | | | | |
| — | » 14 | Amb. | | iP | 14 | 20 | 55 | | | (50) | | | | | | |
| | | | | iS | 14 | 20 | 41 | | | | | | | | | |
| | | | | F | 14 | 56 | | | | | | | | | | |
| 29 | » 14 | Bat. | I | e | 17 | 48 | | | | | | | | | | |
| | | | | L | 17 | 55 | 8 | | | | | | | | | |
| | | | | F | 18 | 6 | | | | | | | | | | |
| 50 | » 15 | Bat. | I | i _E | 17 | 4 | 54 | | | | | | | | | |
| | | | | i _N | 17 | 5 | 46 | | | | | | | | | |
| | | | | F | 17 | 16 | | | | | | | | | | |
| — | » 18 | Amb. | | iP | 18 | 4 | 14 | | | 100 | | | | | | |
| | | | | iS | 18 | 4 | 26 | | | | | | | | | |
| 51 | » 18 | Bat. | I | i | 21 | 52 | 1 | | | | | | | | | |
| | | | | F | 21 | 42 | | | | | | | | | | |
| 52 | » 19 | Bat. | I | e | 20 | 37,6 | | | | | | | | | | |
| | | | | F | 20 | 44 | | | | | | | | | | |
| — | » 20 | Amb. | | P | 18 | 44 | 25 | | | 90 | | | | | | |
| | | | | S | 18 | 44 | 55 | | | | | | | | | |
| 53 | » 20 | Bat. | I | iP _E | 21 | 18 | 59 | | | 2470 | | | | | | |
| | | | | iS | 21 | 22 | 56 | | | | | | | | | |
| | | | | F | 21 | 29 | | | | | | | | | | |
| | | Amb. | P | 21 | 14 | 26 | | | 650 | | | | | | | |
| | | | S? | 21 | 15 | 54 | | | | | | | | | | |
| | | | F | 21 | 26 | | | | | | | | | | | |
| 54 | » 21 | Bat. | I | iP | 15 | 14 | 54 | 54 | | | | | | | | |
| | | | | i ₁ | 15 | 15 | 56 | | | | | | | | | |
| | | | | i ₂ | 15 | 22 | 54 | | | | | | | | | |
| | | | | L _v | 15 | 29,6 | | | | | | | | | | |
| — | » 21 | Mal. | | iP | 17 | 50 | 59 | | | | | | | | | |
| | | | | iS | 17 | 51 | 2 | | | | | | | | | |
| | | | | F | 17 | 55 | | | | | | | | | | |

SEISMOLOGICAL BULLETIN 1927.

BATAVIA OBSERVATORY, JAVA.

| 1927. | E-W component. | | | N-S component. | | | V. component. | | |
|-----------------|----------------|------------------|-----|----------------|------------------|-----|---------------|------------------|-----|
| | V. | T ₀ . | ε. | V. | T ₀ . | ε. | V. | T ₀ . | ε. |
| April | 226 | 7.1 | 3.5 | 202 | 7.2 | 3.3 | 365 | 5.3 | 4.2 |
| May | " | 7.3 | 3.8 | " | 7.3 | 3.3 | 365 | 5.3 | 4.6 |
| June | " | 7.8 | 3.9 | " | 7.6 | 3.1 | 350 | 5.4 | 5.3 |

APRIL.

| No. | Date 1927. | Sta- tion. | Char- acter. | Phase. | Time (G. M. T.) | | | Period | Amplitude half. | | Distance of epi- centre. | Remarks. | |
|-----|---------------|---------------|-----------------|----------------|--------------------|------|----|--------|--------------------|----------------|--------------------------------|----------------------------------|----------------|
| | | | | | h | m | s | | A _E | A _N | | | |
| 35 | April 1 | Bat. | I _u | iP | 19 | 17 | 10 | sec. | μ | μ | 7640 | Azimuth E S E, compres- sion. | |
| | | | | i _N | 19 | 17 | 44 | | | | | | |
| | | | | iS | 19 | 26 | 9 | | | | | | |
| | | Amb. | | F | 19 | 45 | | | | | 5580 | | Azimuth S S E. |
| | | | | iP | 19 | 14 | 47 | | | | | | |
| | | | | iS | 19 | 22 | 1 | | | | | | |
| | | | i | 19 | 23 | 57 | | | | | | | |
| 36 | " 5 | Bat. | I | e | 5 | 22.6 | | | | | 2480 | Tobelo (Halmaheira). | |
| | | | | iS | 5 | 26 | 55 | | | | | | |
| | | | | F | 5 | 35 | | | | | | | |
| | | Amb. | | iP | 5 | 18 | 15 | | | | 680 | | Azimuth W N W. |
| | | | | iS | 5 | 19 | 26 | | | | | | |
| | | | | | | | | | | | | | |
| 37 | " 6 | Bat. | I _v | P | 17 | 27 | 9 | | | | 590 | | |
| | | | | S _E | 17 | 28 | 15 | | | | | | |
| | | | | F | 17 | 35 | | | | | | | |
| | | Mal. | | P | 17 | 26 | 51 | | | | 110 | | |
| | | | | i | 17 | 26 | 52 | | | | | | |
| | | | | S | 17 | 27 | 4 | | | | | | |
| | | | F | 17 | 30 | | | | | | | | |
| — | " 6 | Mal. | | P | 16 | 46 | 55 | | | | 80 | | |
| | | | | iS | 16 | 46 | 45 | | | | | | |
| | | | | F | 16 | 48 | | | | | | | |
| 38 | " 7 | Bat. | I | P | 16 | 49 | 15 | | | | 310 | | |
| | | | | S | 16 | 49 | 50 | | | | | | |
| | | | | F | 16 | 58 | | | | | | | |
| | | Mal. | | iP | 16 | 48 | 57 | | | | 100 | | |
| | | | | i | 16 | 48 | 59 | | | | | | |
| | | | | iS | 16 | 49 | 12 | | | | | | |
| | | | F | 16 | 52 | | | | | | | | |
| 39 | " 7 | Bat. | I | e | 17 | 54 | 12 | | | | | | |
| | | | | F | 18 | 5 | | | | | | | |
| 40 | " 9 | Bat. | I | i ₁ | 9 | 2 | 8 | | | | | | |
| | | | | i ₂ | 9 | 6 | 55 | | | | | | |

| No. | Date 1927. | Station. | Character. | Phase. | Time (G. M. T.) | | | Period. | Amplitude (half) | | Distance of epicentre. | Remarks. |
|-----|------------|----------|----------------|--|-----------------|----|----|---------|------------------|-------|------------------------|-----------------------------|
| | | | | | h | m | s | | sec. | μ | | |
| | | Amb. | | F eP iS | 9 | 12 | 56 | | | | 1240 | |
| 42 | April 12 | Bat. | I | e i F | 25 | 25 | 6 | | | | | |
| " | " 15 | Bat. | I _v | iP _v i iS _N F _N | 7 | 39 | 12 | | | | 420 | Compression. S. Sumatra. |
| | | Mal. | | e F | 7 | 39 | 5 | | | | | |
| 43 | " 15 | Bat. | II | e i ₁ i ₂ i _N F | 15 | 49 | 34 | | | | | |
| | | Amb. | | iP iS | 15 | 48 | 56 | | | | 2150 | Azimuth WNW. |
| 44 | " 15 | Bat. | I | e F | 14 | 40 | 6 | | | | | |
| 45 | " 14 | Bat. | I | iP i _E F P i iS L | 6 | 42 | 56 | | | | 2150 | |
| | | Amb. | | | 6 | 45 | 11 | | | | | |
| | " 14 | Amb. | | iP F | 25 | 27 | 16 | | | | | |
| | " 15 | Mal. | | P iS F | 15 | 31 | 4 | | | | 110 | |
| 46 | " 15 | Bat. | I _v | P iS F | 16 | 46 | 56 | | | | 850 | |
| 47 | " 16 | Bat. | I | i ₁ i ₂ F | 8 | 27 | 40 | | | | | |
| 48 | " 16 | Bat. | I _u | i i _E iS F | 9 | 20 | 38 | | | | 5950 | Azimuth NE. |
| 49 | " 16 | Bat. | I | i _E i _N F | 15 | 8 | 41 | | | | | |
| | " 17 | Amb. | | iP iS | 4 | 58 | 54 | | | | 80 | |

| No. | Date 1927. | Station. | Character. | Phase | Time (Greenwich). | | | Period. | Amplitude (half) | | Distance of epicentre. | Remarks. |
|-----|------------|----------|------------------|---|-------------------|----|----|---------|------------------|-------|------------------------|---|
| | | | | | h | m | s | | sec. | μ | | |
| 50 | April 17 | Bat. | I | iP i _N i _N i _E F | 9 | 10 | 8 | | | | | |
| | | Amb. | | iP iS | 9 | 6 | 35 | | | | 450 | |
| 51 | " 19 | Bat. | III _a | iP iP _v iS off _{N,E} e _N i _E iP iS? off | 8 | 34 | 7 | | | | 170 | Compression. W. Java. |
| | | Mal. | | e _N i _E iP iS?off | 8 | 35 | 27 | | | | 150? | Starting anew 11 ^h 14 ^m . |
| 52 | " 19 | Bat. | I | P _v S _v F P iS F | 9 | 29 | 18 | | | | 210 | Compression. Tjikaso (W. Priangan). |
| | | Mal. | | | 9 | 29 | 18 | | | | 100 | |
| 53 | " 19 | Bat. | I _v | P _{N,V} i _E iS _{N,V} i _E F | 15 | 52 | 15 | | | | 160 | No hour eclipses |
| 54 | " 19 | Bat. | II _r | iP _v P i ₁ i _v i ₂ i ₃ F | 17 | 35 | 24 | | | | | Dilatation |
| | | Mal. | | iP iS | 17 | 35 | 35 | | | | 2890 | |
| | | Amb. | | iP iS | 17 | 40 | 0 | | | | 2420 | Azimuth ESE. |
| 55 | " 21 | Bat. | I _v | P _v iP i _N i _v iS i _N i _E F P F | 15 | 16 | 45 | | | | 400 | Dilatation. |
| | | Amb. | | iP iS | 8 | 21 | 5 | | | | 90 | Namlea (Boeroe). |
| 56 | " 24 | Bat. | I | e i i _N F | 21 | 8 | 30 | | | | | |

| No. | Date 1927. | Station. | Character. | Phase. | Time (Greenwich). | | | Period | Amplitude (half) | | Distance of epicentre. | Remarks. |
|-------------|------------|----------|----------------|---|----------------------------------|--------------------------------------|--------------------------------|--------|------------------|-----------------------------|---|----------|
| | | | | | h | m | s | | sec. | μ | | |
| 57 | April 27 | Bat. | I | i _E i F | 5 5 3 | 1 1 25 | 19 29 | | | | Benkoelen? | |
| 58 | " 28 | Bat. | I _v | iP _v iP i ₁ i ₂ iS _v F | 5 5 5 5 3 5 | 0 0 0 0 | 5 6 20 44 48 50 | | | 490 | Dilatation. S. Sumatra. | |
| | | Mal. | | P iS F | 5 5 3 | 0 1 6 | 25 20 | | | 490 | | |
| 59 | " 29 | Bat. | I _v | iP iS F | 10 10 10 | 10 10 18 | 27 47 | | | 170 | Azimuth SW; dilatation. Tjikaso, W Priangan. | |
| | | Mal. | | iP iS | 10 10 | 10 10 | 12 33 | | | 180 | No hour-marks. | |
| MAY. | | | | | | | | | | | | |
| 60 | May 5 | Bat. | I | e i F | 15 13 14 | 49 53 5 | 25 25 | | | | | |
| | " 5 | Amb. | | iP iS | 18 18 | 51 52 | 25 28 | | | 580 | | |
| 61 | " 10 | Bat. | I _r | P i ₁ i ₂ i ₃ F | 6 6 6 6 | 5 6 7 8 | 54 12 46 56 | | | | Padang and Natal. | |
| 62 | " 10 | Bat. | I _r | e _E i _N i F | 7 7 7 7 | 28 29 31 48 | 50 40 0 | | | | Padang and Natal. | |
| 63 | " 12 | Bat. | I | i _v i i F iP iS F | 4 4 4 4 4 4 4 | 11 11 16 27 8 9 42 | 17 19 25 56 5 | | 260 | Dilatation. | | |
| 64 | " 15 | Bat. | I | i _v i F | 15 15 15 | 18 18 54 | 18 19 | | | | Dilatation. Azimuth NE. | |
| 65 | " 15 | Bat. | I _v | i iP iS F iP iS | 23 23 23 23 23 23 | 16 16 17 51 14,2 17 | 21 22 51 | | 850 | Dilatation. Azimuth ESE. | | |
| | | Amb. | | | | | | | | (1900) | In minute mark. | |

| No. | Date 1927. | Station. | Character. | Phase. | Time (Greenwich). | | | Period | Amplitude (half) | | Distance of epicentre. | Remarks. |
|-----|------------|----------|------------------|--|--|---|---|--------|------------------|-------|--|----------|
| | | | | | h | m | s | | sec. | μ | | |
| — | May 14 | Amb. | | iP iS F | 18 18 18 | 50 51 55 | 41 | | | 540 | | |
| — | " 16 | Amb. | | P iS | 7 7 | 5 5 | 50 49 | | | 160 | | |
| — | " 16 | Amb. | | P S | 7 7 | 16 17 | 59 22 | | | 200 | | |
| — | " 16 | Mal. | | iP iS F | 14 14 14 | 53 53 57 | 40 55 | | | 110 | | |
| 66 | " 17 | Bat. | I _r | e F | 6 6 | 17 57 | 9 | | | | Atjeh. | |
| 67 | " 21 | Bat. | I | e i F | 17 17 17 | 6,8 14 21 | 40 | | | | | |
| 68 | " 22 | Bat. | I | i ₁ i ₂ F | 12 12 12 | 2 7 21 | 55 12 | | | | | |
| 69 | " 22 | Bat. | III _r | iP iS i L i M F P iS L M ₁ M ₂ M _N F | 22 | 40 47 50 52 57 57 41 48 51,4 55,4 57 59 12 42 35 0 12 42 35 49 | 50 27 47 47 0 28 5 0 57 57 57 57 12 52 20 49 | | 56,9 17,7 | 4960 | Azimuth WNW; no V. MARON S-P=7 ^m 53 ^s ; Δ =5970; i-P=16 ^m 5 ^s . Bosch. Bosch. | |
| " | " 23 | Mal. | | F P | 0 22 | 58 41 | 28 5 | | | 5250 | | |
| " | " 22 | Mal. | | P iS L M ₁ M ₂ M _N F | 22 22 22 22 22 22 22 | 41 48 51,4 55,4 57 59 12 | 5 0 | | | | | |
| " | " 23 | Amb. | | iP L F | 22 22 0 | 42 35 49 | 52 20 49 | | 19,4 | | | |
| 70 | " 23 | Bat. | I | i ₁ i ₂ L _E F | 2 5 3 3 | 55 5 11 18 | 50 8 20 | | 11,6 | | | |
| 71 | " 23 | Bat. | I | i ₁ i ₂ L _E F | 15 14 14 14 | 59 6 16 22 | 31 5 | | 17 | | | |
| 72 | " 23 | Bat. | I | e F | 22 22 | 14,8 58 | | | | | | |
| — | " 25 | Amb. | | iP S | 25 25 | 36 57 | 51 25 | | | 490 | | |

JUNE.

| No. | Date 1927. | Sta-tion | Char-acter. | Phase. | Time (Greenwich). | | | Period. | Amplitude (half). | | Distance of epi-centre. | Remarks. |
|-----|------------|----------|-----------------|----------------|-------------------|----|----|---------|-------------------|----------------|---|----------|
| | | | | | h | m | s | | A _E | A _N | | |
| 73 | June 1 | Bat. | II _r | i | 17 | 28 | 2 | 1100 | | | | |
| | | | | iP | 17 | 28 | 42 | | | | | |
| | | | | i | 17 | 29 | 4 | | | | | |
| | | | | iS | 17 | 29 | 58 | | | | | |
| | | Mal. | | F | 17 | 45 | | | | | | |
| | | | | F | 17 | 50 | 2 | | | | | |
| 74 | " 1 | Bat. | I | i _E | 21 | 10 | 7 | 22 | | | | |
| | | | | i ₁ | 21 | 10 | 26 | | | | | |
| | | | | i ₂ | 21 | 11 | 7 | | | | | |
| | | | | F | 21 | 17 | | | | | | |
| 75 | " 5 | Bat. | III | iP | 7 ^m | 17 | 14 | 22 | | 3580 | Azimuth S 77.8° E; compression. Moluccas and New Guniea. Bosch. | |
| | | | | i ₁ | 7 | 17 | 45 | | | | | |
| | | | | i ₂ | 7 | 18 | 20 | | | | | |
| | | | | i ₃ | 7 | 21 | 55 | | | | | |
| | | | | iS | 7 | 22 | 14 | | | | | |
| | | | | L _v | 7 | 25 | | | | | | |
| | | | | F | 9 | 5 | | | | | | |
| | | Mal. | | i ₁ | 7 | 17 | 8 | | | | | |
| | | | | i ₂ | 7 | 17 | 14 | | | | | |
| | | | | i ₃ | 7 | 17 | 58 | | | | | |
| | | | | i ₄ | 7 | 21 | 12 | | | | | |
| | | | | L ₁ | 7 | 23 | | | 45 | | | |
| | | | | L ₂ | 7 | 25 | | | 20 | | | |
| | | | | F | 7 | 28 | 19 | | 5.2 | | | |
| | | Amb. | | i | 7 | 14 | 9 | | | | | |
| | | | | iP | 7 | 14 | 15 | | | | | |
| | | | | off | 7 | 14 | 28 | | | | | |
| | " 5 | Amb. | | iP | 20 | 49 | 2 | | | | | |
| | | | | F | 20 | 50 | | | | | | |
| 76 | " 6 | Bat. | I | P | 5 | 41 | 8 | | | | | |
| | | | | F | 5 | 58 | | | | | | |
| 77 | " 6 | Bat. | I _v | iP | 17 | 21 | 56 | | | 160 | | |
| | | | | i | 17 | 22 | 7 | | | | | |
| | | | | iS | 17 | 22 | 15 | | | | | |
| | | | | F | 17 | 28 | | | | | | |
| | | Mal. | | iP | 17 | 22 | 2 | | | 210 | | |
| | | | | S | 17 | 22 | 26 | | | | | |
| | | | | F | 17 | 24 | | | | | In minute eclipse. | |
| 78 | " 6 | Bat. | I | P | 18 | 53 | 41 | | | | | |
| | | | | i | 18 | 40 | 52 | | | | | |
| | | | | F | 18 | 52 | | | | | | |
| 79 | " 7 | Bat. | I | i | 9 | 42 | 4 | | | | | |
| | | | | F | 9 | 56 | | | | | | |
| | " 9 | Mal. | | P | 6 | 44 | 58 | | | 90 | | |
| | | | | iS | 6 | 45 | 9 | | | | | |
| | | | | F | 6 | 47 | | | | | | |

| No. | Date 1926 | Sta-tions. | Char-acter. | Phase. | Time (Greenwich). | | | Period. | Amplitude (half). | | Distance of epi-centre. | Remarks. |
|-----|-----------|------------|----------------|-----------------|-------------------|------|----|---------|-------------------|----------------|-------------------------|--------------------------|
| | | | | | h | m | s | | A _E | A _N | | |
| | June 10 | Mal. | | P | 22 | 1 | 55 | | | | 110 | |
| | | | | iS | 22 | 1 | 48 | | | | | |
| | | | | F | 22 | 2 | | | | | | |
| 80 | " 11 | Bat | I _r | iP _v | 2 | 57 | 28 | | | | 2950 | Azimuth ESE; dilatation. |
| | | | | iP ₁ | 2 | 57 | 31 | | | | | |
| | | | | iS ₁ | 2 | 42 | 1 | | | | | |
| | | | | i _v | 2 | 54 | 46 | | | | 5520 | New shock. |
| | | | | iP ₂ | 2 | 54 | 48 | | | | | |
| | | | | iS ₂ | 2 | 59 | 43 | | | | | |
| | | | | F | 3 | 15 | | | | | | |
| | | Mal. | | i ₁ | 2 | 57 | 29 | | | | | |
| | | | | i ₂ | 2 | 54 | 44 | | | | | |
| | | | | F | 3 | 2 | | | | | | |
| | | Amb. | | iP ₁ | 2 | 54 | 23 | | | | 540 | |
| | | | | iS ₁ | 2 | 55 | 2 | | | | | |
| | | | | F | in next. | | | | | | | |
| | | | | iP ₂ | 2 | 51 | 59 | | | | 580 | New shock. |
| | | | | iS ₂ | 2 | 52 | 22 | | | | | |
| | | | | F | 3 | 10 | | | | | | |
| | " 11 | Amb. | | i | 3 | 6 | 5 | | | | | |
| 81 | " 12 | Bat. | I | eP _E | 12 | 49 | 53 | | | | 890 | |
| | | | | iS _N | 12 | 51 | 8 | | | | | |
| | | | | i | 12 | 52 | 44 | | | | | |
| | | | | F | 12 | 57 | | | | | | |
| 82 | " 13 | Bat. | I | e | 14 | 45 | 24 | | | | | Benkoelen. |
| | | | | F | 14 | 49 | | | | | | |
| 83 | " 14 | Bat. | I | e | 8 | 29,2 | | | | | | |
| | | | | F | 8 | 32 | | | | | | |
| | | Mal. | | iP | 8 | 28 | 24 | | | | 170 | |
| | | | | iS | 8 | 28 | 44 | | | | | |
| | | | | F | 8 | 30 | | | | | | |
| 84 | " 14 | Bat. | I | e | 9 | 29 | 19 | | | | | |
| | | | | i ₁ | 9 | 33 | 33 | | | | | |
| | | | | i ₃ | 9 | 34 | 42 | | | | | |
| | | | | F | 9 | 41 | | | | | | |
| 85 | " 14 | Bat. | II | i ₁ | 17 | 26 | 10 | | | | | |
| | | | | i ₂ | 17 | 28 | 8 | | | | | |
| | | | | i ₃ | 17 | 29 | 6 | | | | | |
| | | | | i ₄ | 17 | 33 | 22 | | | | | |
| | | | | i ₅ | 17 | 35 | 30 | | | | | |
| | | | | eL | 17 | 45 | | 24.7 | | | | |
| | | | | F | 17 | 56 | | | | | | |
| 86 | " 16 | Bat. | I _r | i _E | 2 | 44 | 45 | | | | | Tapanoeli. |
| | | | | i _N | 2 | 49 | 10 | | | | | |
| | | | | F | 2 | 59 | | | | | | |
| | " 19 | Amb. | | i | 2 | 25 | 25 | | | | | |
| | | | | F | 2 | 27 | | | | | | |
| | " 23 | Mal. | | P | 5 | 58 | 57 | | | | 170 | E. Preanger. |
| | | | | iS | 5 | 58 | 57 | | | | | |
| | | | | F | 6 | 2 | | | | | | |

| No. | Date 1926. | Sta- tion. | Char- acter. | Phase. | Time (Greenwich). | | | Period. | Amplitude (half) | | Distance of epi- centre. | Remarks. |
|-----|---------------|---------------|-----------------|--------|----------------------|------|----|---------|---------------------|----------------|--------------------------------|---|
| | | | | | h | m | s | | A _E | A _N | | |
| 87 | June 26 | Bat. | I | e | 5 | 55 | 9 | | | | | Disturbed by street traffic. Padang Pandjang, W. Sumatra. |
| | | | | i | 5 | 55 | 5 | | | | | |
| | | | | F | 5 | 59 | | | | | | |
| — | » 26 | Mal. | | P | 15 | 25 | 55 | | | | 100 | |
| | | | | iS | 15 | 26 | 7 | | | | | |
| | | | | F | 15 | 27 | | | | | | |
| 88 | » 28 | Bat. | I _v | iP | 1 | 46 | 56 | | | | 2650 | Azimuth NE; dilatation. |
| | | | | iS | 1 | 51 | 4 | | | | | |
| | | Amb. | | F | 2 | 5 | | | | | | |
| | | | | iP | 1 | 45 | 8 | | | | | |
| | | | | F | 1 | 54 | | | | | | |
| — | » 28 | Amb. | | P | 2 | 2 | 8 | | | | 480 | |
| | | | | S | 2 | 5 | 1 | | | | | |
| | | | | F | 2 | 13 | | | | | | |
| — | » 28 | Amb. | | P | 19 | 52 | 41 | | | | 520 | |
| | | | | iS | 19 | 55 | 17 | | | | | |
| | | | | F | 19 | 59 | | | | | | |
| 89 | » 50 | Bat. | I _v | e | 25 | 52.9 | | | | | | |
| | | | | i | 25 | 55 | 22 | | | | | |
| | | | | F | 25 | 40 | | | | | | |
| | | Mal. | | P | 25 | 31 | 54 | | | | 270 | |
| | | | | iS | 25 | 32 | 25 | | | | | |
| | | | | F | 25 | 56 | | | | | | |

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BATAVIA OBSERVATORY, JAVA.

| 1927. | E-W component. | | | N-S component. | | | V. component. | | |
|---------------------|----------------|------------------|-----|----------------|------------------|-----|---------------|------------------|-----|
| | V. | T ₀ . | ε. | V. | T ₀ . | ε. | V. | T ₀ . | ε. |
| July | 208 | 7.9 | 3.8 | 197 | 7.5 | 3.2 | 374 | 5.3 | 4.0 |
| August | " | 7.6 | 3.2 | " | 7.6 | 3.3 | " | 5.3 | 4.0 |
| September | " | 7.2 | 3.7 | " | 7.4 | 3.7 | " | 5.3 | 4.0 |

N. B. 1927, Jan-March, E W component, read V=226.

JULY.

| No. | Date 1927. | Station. | Char-acter. | Phase. | Time (G. M. T.) | | | Period | Amplitude half. | | Distance of epi-centre | Remarks. | |
|-----|------------|----------|----------------|-----------------|-----------------|----|----|--------|-----------------|----------------|------------------------|---|-----|
| | | | | | h | m | s | | A _E | A _N | | | |
| 90 | July 1 | Bat. | I | i _v | 8 | 31 | 21 | sec. | μ | μ | km. | | |
| | | | | i ₁ | 8 | 31 | 25 | | | | | | |
| | | | | i ₂ | 8 | 41 | 42 | | | | | | |
| | | | | i ₃ | 8 | 42 | 1 | | | | | | |
| | | | | F | 8 | 42 | 34 | | | | | | |
| — | " 2 | Mal. | | P | 8 | 50 | 19 | | | | 140 | | |
| | | | | iS | 8 | 50 | 35 | | | | | | |
| | | | | F | 8 | 52 | | | | | | | |
| 91 | " 2 | Bat. | I _v | iP _v | 20 | 5 | 54 | | | | 510 | Central Java. MARON: iS-iP=48 ^s Δ=450. | |
| | | | | iP | 20 | 5 | 56 | | | | | | |
| | | | | i | 20 | 5 | 57 | | | | | | |
| | | | | iS | 20 | 6 | 8 | | | | | | |
| | | Mal. | | | F | 20 | 14 | | | | | | 140 |
| | | | | | iP | 20 | 5 | | | | 47 | | |
| | | | | | iS | 20 | 6 | | | | 3 | | |
| 92 | " 3 | Bat. | I | i _v | 8 | 21 | 45 | | | | | | |
| | | | | i _N | 8 | 21 | 45 | | | | | | |
| | | | | F | 8 | 46 | | | | | | | |
| 93 | " 7 | Bat. | I | e | 20 | 24 | 12 | | | | | | |
| | | | | F | 20 | 28 | | | | | | | |
| — | " 12 | Mal. | | P | 19 | 54 | 5 | | | | 140 | | |
| | | | | S | 19 | 54 | 21 | | | | | | |
| | | | | F | 19 | 56 | | | | | | | |
| 94 | " 12 | Bat. | I | i _v | 21 | 17 | 21 | | | | | Dilatation. Azimuth N E. | |
| | | | | i ₁ | 21 | 17 | 25 | | | | | | |
| | | | | i ₂ | 21 | 25 | 35 | | | | | | |
| | | | | F | 21 | 54 | | | | | | | |
| 95 | " 12 | Bat. | I _v | i _v | 23 | 4 | 48 | | | | 510 | | |
| | | | | P _E | 23 | 5 | 14 | | | | | | |
| | | | | i _v | 23 | 5 | 47 | | | | | | |

| No. | Date 1927. | Station. | Character. | Phase. | Time (G. M. T.) | | | Period. | Amplitude (half) | | Distance of epicentre. | Remarks. |
|-----|------------|----------|----------------|----------------|-----------------|----|----|---------|------------------|-------|------------------------|--------------------------|
| | | | | | h | m | s | | sec. | μ | | |
| | | | | iS | 25 | 6 | 10 | | | | | |
| | | Mal. | | F | 25 | 12 | | | | | 550 | |
| | | | | P | 25 | 5 | 28 | | | | | |
| | | | | i _N | 25 | 6 | 20 | | | | | |
| | | | | iS | 25 | 6 | 26 | | | | | |
| | | | | F | 25 | 9 | | | | | | |
| | July 14 | Amb. | | P | 4 | 58 | 40 | | | | 390 | |
| | | | | iS | 4 | 59 | 24 | | | | | |
| | | | | F | 4 | 47 | | | | | | |
| | " 14 | Amb. | | iP | 21 | 48 | 20 | | | | 500 | |
| | | | | iS | 21 | 48 | 54 | | | | | |
| | | | | F | 21 | 53 | | | | | | |
| 96 | " 14 | Bat. | I _r | i _v | 25 | 21 | 55 | | | | | Dobo (Aroe I. Moluccas). |
| | | | | eP | 25 | 21 | 57 | | | | | |
| | | | | i _v | 25 | 22 | 7 | | | | | |
| | | | | i _E | 25 | 22 | 16 | | | | | |
| | | | | i | 25 | 23 | 4 | | | | | |
| | | | | F | 25 | 40 | | | | | | |
| | | Mal. | | iP | 25 | 22 | 12 | | | | | |
| | | | | i | 25 | 26 | 13 | | | | | |
| | | | | i _E | 25 | 26 | 52 | | | | | |
| | | | | F | 25 | 55 | | | | | | |
| | | Amb. | | iP | 25 | 17 | 57 | | | | 590 | Azimuth S 50° E. |
| | | | | iS | 25 | 19 | 1 | | | | | |
| | | | | F | 25 | 46 | | | | | | |
| 97 | " 17 | Bat. | I | i _E | 8 | 55 | 9 | | | | | Dilatation. |
| | | | | i _E | 8 | 56 | 10 | | | | | |
| | | | | i _N | 9 | 1 | 0 | | | | | |
| | | Amb. | | F | 9 | 5 | | | | | 2550 | |
| | | | | P | 8 | 54 | 8 | | | | | |
| | | | | i | 8 | 54 | 56 | | | | | |
| | | | | iS | 8 | 57 | 55 | | | | | |
| | | | | F | 9 | 5 | | | | | | |
| 98 | " 18 | Bat. | I | i _E | 11 | 30 | 57 | | | | | |
| | | | | i _N | 11 | 31 | 57 | | | | | |
| | | | | i | 11 | 40 | 6 | | | | | |
| | | | | i _N | 11 | 40 | 59 | | | | | |
| | | | | F | 11 | 51 | | | | | | |
| 99 | " 20 | Bat. | I | e | 19 | 25 | | | | | | |
| | | | | F | 19 | 28 | | | | | | |
| 100 | " 22 | Bat. | I | i ₁ | 4 | 8 | 7 | | | | | |
| | | | | i ₂ | 4 | 9 | 4 | | | | | |
| | | | | i ₃ | 4 | 15 | 8 | | | | | |
| | | | | eL | 4 | 26 | | | | | | |
| | | | | M ₁ | 4 | 33 | | 21,5 | | | | |
| | | | | M ₂ | 4 | 42 | | 17,5 | | | | |
| | | | | F | 4 | 58 | | | | | | |
| | " 24 | Amb. | | P | 3 | 59 | 6 | | | | | |
| | | | | iS | 3 | 59 | 24 | | | | | |
| | | | | F | 4 | 0 | 6 | | | | | |
| | | | | F | 4 | 9 | | | | | | |
| 101 | " 29 | Bat. | I | i | 9 | 6 | 20 | | | | | |
| | | | | F | 9 | 15 | | | | | | |

| No. | Date 1927. | Station. | Character. | Phase. | Time (Greenwich). | | | Period. | Amplitude (half) | | Distance of epicentre. | Remarks. |
|---------|------------|----------|-----------------|-----------------|-------------------|----|----|---------|------------------|-------|------------------------|-------------------------------------|
| | | | | | h | m | s | | sec. | μ | | |
| 102 | July 29 | Bat. | I | e | 0 | 10 | | | | | | |
| | | | | F | 0 | 24 | | | | | | |
| 103 | " 29 | Bat. | I | iP _v | 11 | 12 | 41 | | | | | Compression; Azimuth E. |
| | | | | iP _E | 11 | 12 | 45 | | | | | |
| | | | | i _N | 11 | 15 | 0 | | | | | |
| | | | | i | 11 | 15 | 4 | | | | | |
| | | | | i | 11 | 14 | 25 | | | | | |
| | | | | F | 11 | 21 | | | | | | |
| 104 | " 29 | Bat. | I _v | iP | 12 | 18 | 50 | | | | 180 | Dilatation. East Priangan, Java. |
| | | | | iP _v | 12 | 18 | 52 | | | | | |
| | | | | iS | 12 | 19 | 11 | | | | | |
| | | | | F | 12 | 22 | | | | | | |
| | | Mal. | | iP | 12 | 18 | 48 | | | | 150 | |
| | | | | iS | 12 | 19 | 5 | | | | | |
| | | | | F | 12 | 22 | | | | | | |
| AUGUST. | | | | | | | | | | | | |
| 105 | Aug. 3 | Bat. | I _r | i _E | 6 | 7 | 42 | | | | 2450? | Minahasa. |
| | | | | i _v | 6 | 8 | 5 | | | | | |
| | | | | i | 6 | 8 | 6 | | | | | |
| | | | | i _v | 6 | 8 | 12 | | | | | |
| | | | | i _N | 6 | 9 | 5 | | | | | |
| | | | | i | 6 | 9 | 45 | | | | | |
| | | | | iS? | 6 | 11 | 57 | | | | | |
| | | | | F | 6 | 14 | | | | | | |
| | | Mal. | | iP | 6 | 7 | 47 | | | | | |
| | | | | i ₁ | 6 | 7 | 51 | | | | | |
| | | | | i ₂ | 6 | 8 | 3 | | | | | |
| | | | | F | 6 | 10 | | | | | | |
| | | Amb. | | iP | 6 | 6 | 57 | | | | | Minutes uncertain. |
| | | | | F | 6 | 16 | | | | | | |
| 106 | " 3 | Bat. | I | i | 7 | 6 | 15 | | | | | E. Priangan and Banjoemas. |
| | | | | i _E | 7 | 7 | 14 | | | | | |
| | | | | F | 7 | 11 | | | | | | |
| 107 | " 4 | Bat. | II _r | iP | 15 | 51 | 44 | | | | 1930 | Compression. |
| | | | | i _v | 15 | 52 | 1 | | | | | |
| | | | | i _N | 15 | 52 | 56 | | | | | |
| | | | | iS | 15 | 54 | 58 | | | | | |
| | | | | F | 16 | 15 | | | | | | |
| | | Mal. | | iP | 15 | 51 | 45 | | | | 1780 | |
| | | | | iS | 15 | 54 | 45 | | | | | |
| | | | | F | 15 | 59 | | | | | | |
| | | Amb. | | iP | 15 | 49 | 18 | | | | 1110 | |
| | | | | iS | 15 | 50 | 15 | | | | | |
| | | | | i | 15 | 50 | 18 | | | | | |
| | | | | F | 15 | 59 | | | | | | |
| | " 4 | Mal. | | P | 22 | 27 | 22 | | | | 220 | |
| | | | | S | 22 | 27 | 47 | | | | | |
| | | | | F | 22 | 32 | | | | | | |

| No. | Date 1927. | Station. | Char-acter. | Phase. | Time (Greenwich). | | | Period. | Amplitude (half) | | Distance of epi-centre. | Remarks. | | | | | | | | | | | | | | | | | | |
|-----|------------|----------|-----------------|----------------|-------------------|------|------------------|-----------------|------------------|-------|-------------------------|-------------|----|-----|------|----|--|--|--|------|--|----|----|----|----|--|--|--|--|--|
| | | | | | h | m | s | | μ | μ | | | | | | | | | | | | | | | | | | | | |
| 108 | Aug. 5 | Bat. | II _u | i ₁ | 21 | 22 | 26 | sec. | μ | μ | 6470 | Dilatation. | | | | | | | | | | | | | | | | | | |
| | | | | i _v | 21 | 22 | 28 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | i ₂ | 21 | 29 | 59 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | L | 21 | 30 | 17 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | M | 21 | 47 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | F | 21 | 55 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | iP | 22 | 11 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | i | 21 | 21 | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | iS | 21 | 21 | 40 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | F | 21 | 27 | 18 | | | | | | | | | | | | | | | | | | | | | | | |
| 109 | " 6 | Bat. | I | e | 14 | 37 | 35 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | i _N | 14 | 42 | 28 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | F | 14 | 47 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 110 | " 6 | Bat. | I _v | | | | | | P | 21 | 53 | 43 | | | | 170 | | | | | | | | | | |
| | | | | | | | | | | | | | iS | 21 | 54 | 3 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | F | 21 | 56 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | — | " 7 | Amb. | | | | | | | iP | 18 | 45 | 22 | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | i | 18 | 45 | 32 | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | iS | 18 | 45 | 42 | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | F | 18 | 54 | | | | | | |
| 111 | " 8 | Bat. | | | | | | e | 1 | 8.8 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | i | 1 | 18 | 1 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | F | 1 | 27 | | | | | | | | | | | | | | | | | | | | |
| | | | | 112 | " 8 | Bat. | II _r | iP | 18 | 47 | 14 | | | | | | | | | 1590 | | | | | | | | | | |
| | | | | | | | | P _v | 18 | 47 | 15 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | iS | 18 | 49 | 38 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | iS _v | 18 | 49 | 41 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | i _v | 18 | 49 | 58 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | F | 19 | 9 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | iP | 18 | 47 | 10 | | | | | | | | | | | | | | | | | | | |
| iS | 18 | 49 | 52 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | 18 | 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 115 | " 10 | Bat. | I | | | | | e | 1 | 57 | | | | | | | | | | | | | | | | | | | | |
| | | | | F | 2 | 21 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 114 | " 10 | Bat. | III _r | P _v | 11 | 41 | 57 | | | | | | | | | 2640 | Sorong (W. N. Guinea). Compression. | | | | | | | | | |
| | | | | | | | | iP | 11 | 41 | 40 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | i _N | 11 | 45 | 4 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | iS | 11 | 45 | 49 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | i | 11 | 46 | 29 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | i | 11 | 47 | 49 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | L _v | 11 | 51 | 52 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | M _v | 11 | 55 | 17 | | | | | | | | | | | | | | | | | | | |
| F | 15 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| iP | 11 | 41 | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — | " 11 | Amb. | | i | 11 | 46 | 14 | | | | 150 | | | | | | | | | | | | | | | | | | | |
| | | | | F | 12 | 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | iP | 11 | 37 | 27 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | i | 11 | 37 | 31 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | iS | 11 | 37 | 54 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | off | 11 | 38 | 27 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | — | " 11 | Amb. | | | | | | | P | 17 | 54 | 12 | | | | 360 | | | | | | | | | | |
| | | | | | | | | | | | | | S | 17 | 54 | 53 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | F | 17 | 59 | | | | | | | | | | | | | | | |

| No. | Date 1927. | Sta-tions. | Char-acter. | Phase. | Time (Greenwich). | | | Period. | Amplitude (half) | | Distance of epi-centre. | Remarks. | | | | | | | | | | | | | | | | | | | |
|-----------------|------------|------------|----------------|----------------|-------------------|------|----------------|-----------------|------------------|-------|-------------------------|-------------|-----|------|------|----|--|--|--|------|--|----------------|------|------|----|--|--|--|-----|----------------------------------|----------------|
| | | | | | h | m | s | | μ | μ | | | | | | | | | | | | | | | | | | | | | |
| 115 | Aug. 13 | Bat. | I | P _v | 11 | 52 | 6 | | | | 2920 | | | | | | | | | | | | | | | | | | | | |
| | | | | P | 11 | 52 | 8 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | S _N | 11 | 56 | 57 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | F | 12 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 116 | " 17 | Bat. | I _v | i _v | 1 | 51 | 15 | | | | 150 | Dilatation. | | | | | | | | | | | | | | | | | | | |
| | | | | i | 1 | 51 | 18 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | iP | 1 | 51 | 22 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | iS | 1 | 51 | 59 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | F | 1 | 59 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | — | " 17 | Amb. | | | | | | | iP | 20 | 20 | 19 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | iS | 20 | 20 | 25 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | F | 20 | 24 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | 117 | " 18 | Bat. | I | | | | | | P | 19 | 57 | 0 | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | i _E | 19 | 58 | 54 | | | | | | |
| i | 19 | 44 | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| eL | 19 | 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M | 20 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | 20 | 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 118 | " 21 | Bat. | I | | | | | iP _v | 0 | 14 | 39 | | | | | | | | | | | | | | 13 | | | | | | Compression. |
| | | | | i _N | 0 | 15 | 18 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | F | 0 | 55 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 119 | " 21 | Bat. | I _u | i _v | 22 | 51 | 44 | | | | | | | | | 7600 | | | | | | | | | | | |
| | | | | | | | | P | 25 | 51 | 47 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | iS | 25 | 0 | 44 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | F | 25 | 6 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | 120 | " 22 | Bat. | I _v | | iP | 23 | 19 | 17 | | | | | | | | | | | | | 250 | Bantam (W. Java). Dilatation. | |
| | | | | | | | | | | | | | i | 23 | 19 | 19 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | iS | 23 | 19 | 43 | | | | | | | | | | | | | | | |
| iS _v | 23 | 19 | 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F _v | 23 | 36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | 23 | 19 | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| i | 23 | 19 | 34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S | 23 | 20 | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | 23 | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — | " 23 | Amb. | | iP | 11 | 4 | 39 | | | | | | | | 400 | | | | | | | | | | | | | | | | |
| | | | | iS | 11 | 5 | 24 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | F | 11 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 121 | " 24 | Bat. | I | e | 9 | 7 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | i | 9 | 15 | 17 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | F | 9 | 19 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | 122 | " 24 | Bat. | I | | | | | | | | | | | i _N | 18 | 15 | 19 | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | L | 18 | 28 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | F | 18 | 53 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | 123 | " 25 | Bat. | I | | | | | | i ₁ |
| i ₂ | 16 | 57 | 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| i ₃ | 16 | 59 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | 17 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| i | 16 | 57 | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | 17 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| No. | Date 1927. | Station. | Character. | Phase. | Time (Greenwich). | Period. | Amplitude (half). | | Distance of epicentre. | Remarks. |
|-------------------|------------|----------|------------------|---|---|---------|-------------------|----------------|------------------------|---|
| | | | | | | | A _E | A _N | | |
| | | | | | h m s | sec. | μ | μ | km. | |
| — | Aug. 25 | Amb. | | eP iS F | 17 50 24 17 31 28 17 54 16 | | | | 590 | |
| — | " 25 | Amb. | | iP iS F | 21 54 3 21 55 1 22 10 16 | | | | 530 | |
| SEPTEMBER. | | | | | | | | | | |
| — | Sept. 5 | Mal. | | P iS F | 4 59 27 4 59 36 5 1 | | | | 80 | |
| 124 | " 5 | Bat. | I | i _N i _N F | 20 7 33 20 8 20 20 18 | | | | | |
| — | " 4 | Amb. | | iP iS F | 4 37 53 4 38 13 4 41 | | | | 190 | |
| — | " 4 | Amb. | | iP S F | 20 48 46 20 49 54 21 3 | | | | 430 | Dobo, Aroe I. |
| — | " 5 | Mal. | | P iS F | 17 45 15 17 45 27 17 47 | | | | 100 | |
| — | " 5 | Mal. | | P iS F | 21 8 51 21 9 2 21 11 | | | | 90 | |
| — | " 6 | Mal. | | iP S F | 8 50 41 8 50 53 8 53 | | | | | |
| 125 | " 7 | Bat. | I _u | e i | 20 6 54 20 14 57 | | | | | Registration stops at 20 ^h 18 ^m . |
| 126 | " 8 | Bat. | II _v | iP _E iP _N iS F | 21 45 59 21 46 3 21 46 29 22 6 | | | | 260 | Dilatation; Azimuth S E. W. Java. |
| | | Mal. | | iP iS F | 21 45 47 21 45 49 22 1 | | | | 90 | |
| 127 | " 8 | Bat. | III _v | iP _E iS off | 25 25 4 25 23 48 25 24 10 | | | | (250) | In minute-eclipse. W. Java. |
| | | Mal. | | iP iS F | 25 23 6 25 23 19 25 42 | | | | 110 | MARON iS-iP=1 ^m 12 ^s ; Δ=670 |

| No. | Date 1927. | Station. | Character. | Phase. | Time (Greenwich). | Period. | Amplitude (half). | | Distance of epicentre. | Remarks. |
|-----|------------|----------|----------------|---|---|---------|-------------------|----------------|------------------------|---|
| | | | | | | | A _E | A _N | | |
| | | | | | h m s | sec. | μ | μ | km. | |
| | | Amb. | | iP iS F | 25 27 31 23 31 19 23 42 | | | | 2360 | |
| — | Sept. 8 | Mal. | | P S | 25 58 0 25 58 12 | | | | 100 | |
| — | " 9 | Mal. | | iP iS F | 0 6 53 0 7 8 0 9 | | | | 100 | |
| — | " 11 | Mal. | | P iS F | 5 55 35 5 55 46 5 57 | | | | 90 | |
| 128 | " 11 | Bat. | I _u | i ₁ i ₂ L F e i ₁ i ₂ eL | 22 28 27 22 38 16 25 8 3 25 23 22 28 41 22 58 31 22 58 45 25 1 | | | 25.7 | | |
| | " 12 | Amb. | | iP | 2 44 34 | | | 48 | | Pens immediately thrown off. Felt at Ambonia. |
| 129 | " 12 | Bat. | I | i ₃ i F | 17 23 34 17 25 53 17 29 | | | | | |
| 130 | " 13 | Bat. | I _u | i ₁ i ₂ i ₃ F | 10 26 5 10 34 22 10 35 25 10 45 | | | | 6810 | Compression. |
| — | " 15 | Amb. | | P S? F | 3 5 57 3 6 8 3 12 | | | | (250) | |
| 131 | " 17 | Bat. | I | e ₃ i _N iS F iP S F | 0 51,4 0 52 48 0 56 14 1 12 0 46 52 0 48 10 1 15 | | | | (5250) | 720 |
| 132 | " 17 | Bat. | I _v | iP iS F P S F | 1 22 18 1 22 34 1 25 1 22 24 1 22 37 1 24 | | | | | 140 110 |
| 133 | " 25 | Bat. | I | e eL F | 14 6,5 14 25,5 14 32 | | | 22.2 | | |
| 134 | " 25 | Bat. | I | P i S? F | 21 59 4 21 59 14 21 59,5 22 5 | | | | (230) | In minute eclipse. |

| No. | Date 1927. | Sta- tion. | Char- acter. | Phase. | Time (Greenwich). | | | Period. | Amplitude (half) | | Distance of epi- centre. | Remarks. | |
|-----|---------------|---------------|-----------------|-----------------|----------------------|----|----|---------|---------------------|-------|--------------------------------|---------------------|-------|
| | | | | | h | m | s | | sec. | μ | | | μ |
| 135 | Sept. 25 | Mal. | | P | 21 | 58 | 50 | | | | 140 | | |
| | | | | iS | 21 | 59 | 6 | | | | | | |
| | | | | F | 22 | 2 | | | | | | | |
| | | Bat. | I _v | iP | 9 | 8 | 32 | | | | 320 | Dilatation. | |
| | | | | iS | 9 | 9 | 9 | | | | | Benkoelen. | |
| | | | | F | 9 | 24 | | | | | | | |
| | | Mal. | | P | 9 | 8 | 46 | | | | 500 | | |
| | | | | i ₃ | 9 | 8 | 51 | | | | | | |
| | | | | i ₃ | 9 | 9 | 2 | | | | | | |
| 136 | » 26 | | | S _N | 9 | 9 | 41 | | | | | | |
| | | | | F | 9 | 14 | | | | | | | |
| | | Bat. | II _v | iP _v | 10 | 54 | | | | | 180 | Dilatation; Azimuth | |
| | | | | iP | 10 | 54 | 11 | | | | | W N W. | |
| | | | | iS | 10 | 54 | 30 | | | | | | |
| | | | | F | 10 | 56 | | | | | | | |
| | | Mal. | | iP | 10 | 54 | 32 | | | | 590? | | |
| | | | | S? | 10 | 55 | 16 | | | | | | |
| | | | | F | 10 | 40 | | | | | | | |
| 137 | » 29 | Bat. | I _v | P _v | 5 | 15 | 59 | | | | 190 | Dilatation. | |
| | | | | P | 5 | 16 | 0 | | | | | | |
| | | | | S _N | 5 | 16 | 21 | | | | | | |
| | | | | S _v | 5 | 16 | 26 | | | | | | |
| | | | | S _E | 5 | 16 | 27 | | | | | | |
| | | | | F | 5 | 24 | | | | | | | |
| | | Mal. | | P | 5 | 16 | 17 | | | | 320? | | |
| | | | | S? | 5 | 16 | 55 | | | | | | |
| | | | | F | 5 | 19 | | | | | | | |

SEISMOLOGICAL BULLETIN 1927.

BATAVIA OBSERVATORY, JAVA

| 1927. | E-W component. | | | N-S component. | | | V. component. | | |
|--------------------|----------------|------------------|-----|----------------|------------------|-----|---------------|------------------|-----|
| | V. | T ₀ . | ε. | V. | T ₀ . | ε. | V. | T ₀ . | ε. |
| October | 208 | 7.0 | 3.6 | 197 | 7.5 | 3.8 | 370 | 4.8 | 3.2 |
| November | " | 6.7 | 3.4 | " | 7.3 | 3.7 | 370 | 4.8 | 3.2 |
| December | " | 6.6 | 4.0 | " | 7.3 | 4.9 | 311 | 4.8 | 3.2 |

Erratum: No 18, Feb. 17, read Feb. 18.

OCTOBER.

| No. | Date 1927. | Sta- tion. | Char- acter. | Phase. | Time (G. M. T.) | | | Period | Amplitude half. | | Distance of epi- centre. | Remarks. |
|-----|---------------|---------------|------------------|---|-----------------------|-----------------------|-------------------------|--------|---------------------------|---------------------------|--------------------------------|---|
| | | | | | | | | | A _E | A _N | | |
| 138 | Oct. 6 | Bat. | I | e i _E i F | h 2 2 2 2 | m 1 2 5 8 | s 41 41 3 3 | sec. | μ 17 18 18 18 | μ 17 18 18 18 | km. | |
| 139 | " 6 | Bat. | I _v | e _E P i _N S F | 6 6 6 | 15 16 21 | 44 52 | | | | 450 | Benkoelen. |
| 140 | " 7 | Bat. | III _v | i iP iS i F | 13 13 13 13 | 8 8 8 16 | 21 23 44 9,2 | | | | 180 | Azimuth SE; dilatation. E. Prianger. |
| | " | Mal. | | iP iS F | 15 15 15 | 8 8 15 | 6 15 | | | | 80 | pens thrown off at 13 ^h 8 ^m 21 ^s . Azimuth SSE. |
| — | " 7 | Mal. | | P iS F | 18 18 18 | 8 8 9 | 6 23 | | | | 150 | Tjikalong, (E. Prianger). |
| 141 | " 11 | Bat. | I | e ₁ e ₂ F | 17 17 17 | 41,2 49 55 | 25 | | | | | |
| — | " 14 | Amb. | | P iS F | 9 9 9 | 51 52 54 | 9 9 | | | | 550 | |
| 142 | " 16 | Bat. | | e F | 12 12 | 50,8 54 | | | | | | |
| — | " 17 | Amb. | | P iS F | 1 1 1 | 10,1 10 12 | | | | | (170) | In minute eclipse. |
| — | " 18 | Amb. | | iP iS F | 20 20 20 | 5 5 6 | 16 38 | | | | 190 | |

| No. | Date 1927. | Sta-tion. | Char-acter. | Phase. | Time (Greenwich). | | | Period. | Amplitude (half). | | Distance of epi-centre. | Remarks. |
|-----|------------|-----------|-----------------|-----------------|-------------------|------|----|---------|-------------------|-------|-------------------------|----------|
| | | | | | h | m | s | | sec. | μ | | |
| — | Oct. 19 | Amb. | | i | 7 | 9 | 52 | | | 280 | | |
| | | | | iP | 7 | 9 | 55 | | | | | |
| | | | | iS | 7 | 10 | 27 | | | | | |
| | | | | F | 7 | 27 | | | | | | |
| 143 | " 19 | Bat. | I | i ₁ | 13 | 58 | 58 | | | | | |
| | | | | i ₂ | 14 | 6 | 29 | | | | | |
| | | | | F | 14 | 10 | | | | | | |
| 144 | " 20 | Bat. | II _v | P _N | 16 | 25 | 2 | | | 310 | E. Priangan. | |
| | | | | iS _E | 16 | 25 | 57 | | | | | |
| | | | | F | 16 | 29 | | | | 90 | | |
| | | Mal. | | iP | 16 | 24 | 58 | | | | | |
| | | | | iS | 16 | 24 | 49 | | | | | |
| | | | | F | 16 | 27 | | | | | | |
| 145 | " 24 | Bat. | I _u | e | 16 | 19 | | | | | | |
| | | | | L ₁ | 16 | 53 | | | | | | |
| | | | | L ₂ | 17 | 5 | | | | | | |
| | | | | L ₃ | 17 | 11 | | | | | | |
| | | | | L ₄ | 17 | 18 | | | | | | |
| | | | | L ₅ | 17 | 49 | | | | | | |
| | | | | L ₆ | 18 | 11 | | | | | | |
| | | | | L ₇ | 18 | 22 | | | | | | |
| | | | | F | 18 | 51 | | | | | | |
| | | Amb. | | eL | 16 | 57 | | | | | | |
| | | | | F | 18 | 6 | | | | | | |
| 146 | " 27 | Bat. | I _v | P _v | 18 | 46 | 36 | | | 210 | | |
| | | | | P _v | 18 | 46 | 39 | | | | | |
| | | | | S | 18 | 47 | 5 | | | | | |
| | | | | F | 18 | 49 | | | | | | |
| | | Mal. | | P | 18 | 46,9 | | | | 100 | No hour eclipses. | |
| | | | | S | 18 | 47,1 | | | | | | |
| 147 | " 27 | Bat. | I _r | i _v | 19 | 47 | 0 | | | 2460 | | |
| | | | | iP | 19 | 47 | 4 | | | | | |
| | | | | i | 19 | 47 | 10 | | | | | |
| | | | | S | 19 | 51 | 0 | | | | | |
| | | | | F | 20 | 4 | | | | | | |
| — | " 30 | Amb. | | iP | 1 | 59 | 54 | | | 340 | NW. | |
| | | | | S | 1 | 40 | 15 | | | | | |
| | | | | F | 1 | 49 | | | | | | |
| 148 | " 31 | Bat. | I | e | 17 | 49 | 16 | | | | | |
| | | | | i _E | 17 | 50 | 51 | | | | | |
| | | | | F | 17 | 57 | | | | | | |
| | | Amb. | | iP | 17 | 45 | 59 | | | 2400 | | |
| | | | | iS | 17 | 49 | 50 | | | | | |
| | | | | F | 17 | 58 | | | | | | |

NOVEMBER.

| | | | | | | | | | | | |
|-----|--------|------|------------------|-----------------|----|----|----|--|--|-----|---------------------------------------|
| 149 | Nov. 2 | Bat. | III _v | iP _v | 21 | 7 | 53 | | | 320 | Azimuth ENE; compression. S. Sumatra. |
| | | | | iP | 21 | 7 | 54 | | | | |
| | | | | i _E | 21 | 7 | 59 | | | | |
| | | | | i _N | 21 | 7 | 40 | | | | |
| | | | | i _v | 21 | 7 | 41 | | | | |
| | | | | iS _N | 21 | 8 | 10 | | | | |
| | | | | iS _E | 21 | 8 | 21 | | | | |
| | | | | F | 21 | 50 | | | | | |

| No. | Date 1927. | Sta-tion. | Char-acter. | Phase. | Time (G. M. T.). | | | Period. | Amplitude (half) | | Distance of epi-centre. | Remarks. |
|-----|------------|-----------|-----------------|------------------|------------------|------|----|---------|------------------|-------|--|----------|
| | | | | | h | m | s | | sec. | μ | | |
| | | | | P | 21 | 7 | 15 | | | 440? | | |
| | | | | S _E ? | 21 | 8 | 2 | | | | | |
| | | | | F | 21 | 25 | | | | | | |
| 150 | Nov. 3 | Bat. | II _v | P | 8 | 26,4 | | | | (350) | In minute eclipse. | |
| | | | | i _v | 8 | 26 | 56 | | | | | |
| | | | | iS _v | 8 | 26 | 59 | | | | | |
| | | | | iS | 8 | 27 | 5 | | | | | |
| | | | | F | 8 | 40 | | | | | | |
| | | Mal. | | i | 8 | 27 | 18 | | | | | |
| | | | | F | 8 | 55 | | | | | | |
| 151 | " 3 | Bat. | I | e | 12 | 40,4 | | | | | | |
| | | | | F | 12 | 44 | | | | | | |
| 152 | " 4 | Bat. | I _u | e | 14 | 11,4 | | | | | | |
| | | | | eL ₁ | 14 | 50 | | | | | | |
| | | | | eL ₂ | 15 | 56 | | | | | | |
| | | | | F | 16 | 4 | | | | | | |
| 153 | " 5 | Bat. | I | e | 6 | 45,4 | | | | | | |
| | | | | F | 6 | 59 | | | | | | |
| 154 | " 5 | Bat. | I _v | iP | 14 | 21 | 39 | | | 150 | Compression. Bantam, W. Prianger. | |
| | | | | iP _v | 14 | 21 | 40 | | | | | |
| | | | | iS | 14 | 21 | 56 | | | | | |
| | | | | F | 14 | 26 | | | | | | |
| | | Mal. | | P | 14 | 21 | 18 | | | 150 | | |
| | | | | S | 14 | 21 | 43 | | | | | |
| | | | | F | 14 | 25 | | | | | | |
| — | " 6 | Amb. | | P | 12 | 56 | 38 | | | | | |
| | | | | F | 15 | 5 | | | | | | |
| 155 | " 6 | Bat. | I _v | i _v | 15 | 59 | 42 | | | 970 | Azimuth about E; dilata-tion. Wonreli and Dobo (S. Mo-luccas). | |
| | | | | iP _v | 15 | 59 | 45 | | | | | |
| | | | | iP | 15 | 59 | 44 | | | | | |
| | | | | i | 15 | 59 | 56 | | | | | |
| | | | | iS | 15 | 41 | 28 | | | | | |
| | | | | F | 16 | 5 | | | | | | |
| | | Mal. | | P | 15 | 59 | 12 | | | 2550 | | |
| | | | | iS | 15 | 42 | 57 | | | | | |
| | | | | F | 15 | 46 | | | | | | |
| | | Amb. | | iP | 15 | 55 | 28 | | | (450) | In minute eclipse. | |
| | | | | S | 15 | 56,5 | | | | | | |
| | | | | F | 16 | 1 | | | | | | |
| 156 | " 7 | Bat. | I | e | 0 | 16,4 | | | | | | |
| | | | | i | 0 | 25 | 6 | | | | | |
| | | | | F | 0 | 52 | | | | | | |
| 157 | " 8 | Bat. | I | i _v | 5 | 20 | 10 | | | | Azimuth SW; compression. | |
| | | | | i | 5 | 20 | 11 | | | | | |
| | | | | i _v | 5 | 21,4 | | | | | In minute eclipse. | |
| | | | | i _N | 5 | 21 | 29 | | | | | |
| | | | | i | 5 | 26 | 57 | | | | | |
| | | | | L _v | 5 | 56,4 | | 22 | | | | |
| | | | | F | 5 | 58 | | | | | | |
| — | " 9 | Amb. | | iP | 1 | 9 | 18 | | | | | |
| | | | | L | 1 | 17,5 | | | | | | |
| | | | | F | 1 | 42 | | | | | | |

| No. | Date 1927. | Sta-tions. | Char-acter. | Phase. | Time (Greenwich). | | | Period. sec. | Amplitude (half). | | Distance of epi-centre. km. | Remarks. | |
|-----|------------|------------|-----------------|--|-------------------|--|------|--------------|-------------------|-------|-----------------------------|--|--|
| | | | | | h | m | s | | μ | μ | | | |
| 158 | Nov. 10 | Bat. | I | e F | 5 | 10,4 | | | | | | | |
| 159 | " 12 | Bat. | I _v | i i _E F | 14 | 0 11 14 1 46 14 6 | | | | | | Kota Agoeng (Lampongs, S. Sumatra)? | |
| 160 | " 12 | Bat. | I | i ₁ i ₂ F | 16 | 2 56 16 3 56 16 5 | | | | | | | |
| 161 | " 14 | Bat. | I | e F | 0 | 24,5 0 48 | | | | | | | |
| 162 | " 14 | Bat. | I | i F | 0 | 56 26 1 13 | | | | | | | |
| 163 | " 14 | Bat. | I | e L F | 5 | 10 5 59,5 5 51 | 20.2 | | | | | | |
| 164 | " 14 | Bat. | I | i _{v1} i _{v2} i F | 7 | 39 8 7 39 12 7 39 15 8 4 | | | | | | NE; Compression. | |
| 165 | " 16 | Bat. | II _r | e _E iP _v iP i _N i _v i i _N i _N S F | 21 | 13 25 21 13 25 21 13 27 21 13 31 21 13 39 21 13 40 21 13 46 21 16 21 21 19 40 22 11 | | | | 2720 | | Taroena (Sangi I.). | |
| | | Mal. | | P _E iP i _N iS F | 21 | 13 12 21 13 15 21 13 29 21 19 28 21 50 | | | | | 2740 | | |
| | | Amb. | | iP iS F | 21 | 12 43 21 14 44 22 27 | | | | | 1140 | | |
| 166 | " 16 | Bat. | I _v | e F | 25 | 1 44 25 8 | | | | | | | |
| | | Mal. | | P S F | 25 | 0 56 25 1 93 25 5 | | | | | 520 | | Central Java. MARON: S-iP = 17 sec. $\Delta = 150$ km. |
| 167 | " 17 | Bat. | I | e i F | 13 | 55 14 1 16 14 7 | | | | | | | |
| | | Amb. | | P i F | 13 | 48,1 13 50 55 14 5 | | | | | | | In minute eclipse. |
| 168 | " 17 | Bat. | I _r | i _v i iS F | 22 | 40 34 22 40 35 22 44 45 22 41 | | | | | 2640 | | Taroena (Sangi I.). |

| No. | Date 1927. | Sta-tion. | Char-acter. | Phase. | Time (Greenwich). | | | Period. sec. | Amplitude (half) | | Distance of epi-centre. km. | Remarks. | |
|-----|--------------|-----------|-----------------|--|-------------------|--|---|--------------|------------------|-------|-----------------------------|-----------------------------|------------|
| | | | | | h | m | s | | μ | μ | | | |
| | | Amb. | | P F | 22 | 37 50 22 39 | | | | | | | |
| 169 | Nov. 18 | Bat. | I _v | P _E S _N F | 1 | 29 27 1 29 34 1 35 | | | | | 240 | | |
| 170 | " 18 | Bat. | II _r | i _v i _v iP i _v i iS P F P | 3 | 30 18 3 30 29 3 30 21 3 30 25 3 30 27 3 34 54 3 59 3 30 11 3 44 3 27 53 | | | | | 2970 | | |
| | | Mal. | | P F P | 3 | 30 11 3 44 3 27 53 | | | | | | | |
| | | Amb. | | i ₁ i ₂ iP F | 3 | 28 57 3 40 27 3 44 12 15 15 12 27 | | | | | | | New shock? |
| — | " 20 | Amb. | | F | 12 | 15 15 12 27 | | | | | | | |
| 171 | " 20 | Bat. | I | e _E i i _E F e i F | 17 | 17 41 17 19 41 17 22 52 17 44 17 15,8 17 17 19 17 42 | | | | | | | |
| 172 | " 21 " 22 | Bat. | I _u | e eL _v L F | 25 | 34 40 0 15 0 20 0 48 | | | 42 25.5 | | | | |
| 173 | " 22 | Bat. | I _v | P iS F iP iS F | 0 | 40 41 0 40 58 0 40 4 0 40 19 0 42 | | | | | 150 150 | E. Preanger. In No. 172. | |
| 174 | " 24 | Bat. | I _v | P _v eP S _v iS F iP iS F | 15 | 39 26 13 39 28 13 39 47 15 39 50 15 44 13 39 12 15 39 26 15 42 | | | | | 190 | Preanger. | |
| 175 | " 26 | Bat. | I | i i _N F | 15 | 14 52 15 18 4 15 55 | | | | | | | |
| — | " 28 | Amb. | | eP iS _N F | 20 | 1 56 20 2 47 20 10 | | | | | 430 | | |

| No. | Date 1927. | Station. | Char-acter. | Phase. | Time (Greenwich). | | | Period. | Amplitude (half). | | Distance of epi-centre. | Remarks. |
|-----|------------|----------|----------------|-----------------|-------------------|------|----|---------|-------------------|-------|-------------------------|----------|
| | | | | | h | m | s | | sec. | μ | | |
| | Oct. 19 | Amb. | | i | 7 | 9 | 52 | | | 280 | | |
| | | | | iP | 7 | 9 | 55 | | | | | |
| | | | | iS | 7 | 10 | 27 | | | | | |
| | | | | F | 7 | 27 | | | | | | |
| 143 | • 19 | Bat. | I | i ₁ | 13 | 58 | 58 | | | | | |
| | | | | i ₂ | 14 | 6 | 29 | | | | | |
| | | | | F | 14 | 10 | | | | | | |
| 144 | • 20 | Bat. | I _v | P _N | 16 | 25 | 2 | | | 310 | E. Priangan. | |
| | | | | iS _E | 16 | 25 | 57 | | | | | |
| | | | | F | 16 | 29 | | | | 90 | | |
| | | Mal. | | iP | 16 | 24 | 58 | | | | | |
| | | | | iS | 16 | 24 | 49 | | | | | |
| | | | | F | 16 | 27 | | | | | | |
| 145 | • 24 | Bat. | I _u | e | 16 | 19 | | | | | | |
| | | | | L ₁ | 16 | 53 | | | | | | |
| | | | | L ₂ | 17 | 5 | | | | | | |
| | | | | L ₃ | 17 | 11 | | | | | | |
| | | | | L ₄ | 17 | 18 | | | | | | |
| | | | | L ₅ | 17 | 49 | | | | | | |
| | | | | L ₆ | 18 | 11 | | | | | | |
| | | | | L ₇ | 18 | 22 | | | | | | |
| | | | | F | 18 | 51 | | | | | | |
| | | Amb. | | eL | 16 | 57 | | | | | | |
| | | | | F | 18 | 6 | | | | | | |
| 146 | • 27 | Bat. | I _v | P _v | 18 | 46 | 36 | | | 210 | | |
| | | | | P | 18 | 46 | 59 | | | | | |
| | | | | S | 18 | 47 | 5 | | | | | |
| | | | | F | 18 | 49 | | | | | | |
| | | Mal. | | P | 18 | 46,9 | | | | 100 | No hour eclipses. | |
| | | | | S | 18 | 47,1 | | | | | | |
| 147 | • 27 | Bat. | I _r | i _v | 19 | 47 | 0 | | | 2460 | | |
| | | | | iP | 19 | 47 | 4 | | | | | |
| | | | | i | 19 | 47 | 10 | | | | | |
| | | | | S | 19 | 51 | 0 | | | | | |
| | | | | F | 20 | 4 | | | | | | |
| | • 30 | Amb. | | iP | 1 | 59 | 54 | | | 340 | NW. | |
| | | | | S | 1 | 40 | 15 | | | | | |
| | | | | F | 1 | 49 | | | | | | |
| 148 | • 31 | Bat. | I | e | 17 | 49 | 16 | | | | | |
| | | | | i _E | 17 | 50 | 51 | | | | | |
| | | | | F | 17 | 57 | | | | | | |
| | | Amb. | | iP | 17 | 45 | 59 | | | 2400 | | |
| | | | | iS | 17 | 49 | 50 | | | | | |
| | | | | F | 17 | 58 | | | | | | |

NOVEMBER.

| | | | | | | | | | | | |
|-----|--------|------|------------------|-----------------|----|----|----|--|--|-----|--|
| 149 | Nov. 2 | Bat. | III _v | iP _v | 21 | 7 | 33 | | | 320 | Azimuth ENE; compression. S. Sumatra. |
| | | | | iP | 21 | 7 | 34 | | | | |
| | | | | i _E | 21 | 7 | 39 | | | | |
| | | | | i _N | 21 | 7 | 40 | | | | |
| | | | | i _v | 21 | 7 | 41 | | | | |
| | | | | iS _N | 21 | 8 | 10 | | | | |
| | | | | iS _E | 21 | 8 | 21 | | | | |
| | | | | F | 21 | 50 | | | | | |

| No. | Date 1927. | Station. | Char-acter. | Phase. | Time (G. M. T.). | | | Period. | Amplitude (half) | | Distance of epi-centre. | Remarks. |
|-----|------------|----------|-----------------|-----------------|------------------|------|----|---------|------------------|-------|---|----------|
| | | | | | h | m | s | | sec. | μ | | |
| | | | | Mal. | P | 21 | 7 | 15 | | | 440? | |
| | | | | | S _E ? | 21 | 8 | 2 | | | | |
| | | | | | F | 21 | 25 | | | | | |
| 150 | Nov. 3 | Bat. | II _v | P | 8 | 26,4 | | | | (330) | In minute eclipse. | |
| | | | | i _v | 8 | 26 | 36 | | | | | |
| | | | | iS _v | 8 | 26 | 59 | | | | | |
| | | | | iS | 8 | 27 | 3 | | | | | |
| | | | | F | 8 | 40 | | | | | | |
| | | Mal. | | i | 8 | 27 | 18 | | | | | |
| | | | | F | 8 | 35 | | | | | | |
| 151 | • 3 | Bat. | I | e | 12 | 40,4 | | | | | | |
| | | | | F | 12 | 44 | | | | | | |
| 152 | • 4 | Bat. | I _u | e | 14 | 11,4 | | | | | | |
| | | | | eL ₁ | 14 | 50 | | | | | | |
| | | | | eL ₂ | 15 | 56 | | | | | | |
| | | | | F | 16 | 4 | | | | | | |
| 153 | • 5 | Bat. | I | e | 6 | 45,4 | | | | | | |
| | | | | F | 6 | 59 | | | | | | |
| 154 | • 5 | Bat. | I _v | iP | 14 | 21 | 39 | | | 150 | Compression. Bantam, W. Prianger. | |
| | | | | iP _v | 14 | 21 | 40 | | | | | |
| | | | | iS | 14 | 21 | 56 | | | | | |
| | | | | F | 14 | 26 | | | | | | |
| | | Mal. | | P | 14 | 21 | 18 | | | 150 | | |
| | | | | S | 14 | 21 | 45 | | | | | |
| | | | | F | 14 | 25 | | | | | | |
| | • 6 | Amb. | | P | 12 | 56 | 38 | | | | | |
| | | | | F | 13 | 5 | | | | | | |
| 155 | • 6 | Bat. | I _v | i _v | 15 | 39 | 42 | | | 970 | Azimuth about E; dilata- tion. Woureli and Dobo (S. Mo- luccas). | |
| | | | | iP _v | 15 | 39 | 45 | | | | | |
| | | | | iP | 15 | 39 | 44 | | | | | |
| | | | | i | 15 | 39 | 56 | | | | | |
| | | | | iS | 15 | 41 | 28 | | | | | |
| | | | | F | 16 | 3 | | | | | | |
| | | Mal. | | P | 15 | 39 | 12 | | | 2350 | | |
| | | | | iS | 15 | 42 | 57 | | | | | |
| | | | | F | 15 | 46 | | | | | | |
| | | Amb. | | iP | 15 | 38 | 28 | | | (450) | In minute eclipse. | |
| | | | | S | 15 | 36,5 | | | | | | |
| | | | | F | 16 | 1 | | | | | | |
| 156 | • 7 | Bat. | I | e | 0 | 16,4 | | | | | | |
| | | | | i | 0 | 25 | 6 | | | | | |
| | | | | F | 0 | 32 | | | | | | |
| 157 | • 8 | Bat. | I | i _v | 3 | 20 | 10 | | | | Azimuth SW; compression. | |
| | | | | i | 3 | 20 | 11 | | | | | |
| | | | | i _v | 3 | 21,4 | | | | | In minute eclipse. | |
| | | | | i _N | 3 | 21 | 29 | | | | | |
| | | | | i | 3 | 26 | 37 | | | | | |
| | | | | L _v | 3 | 36,4 | | 22 | | | | |
| | | | | F | 3 | 58 | | | | | | |
| | • 9 | Amb. | | iP | 1 | 9 | 18 | | | | | |
| | | | | L | 1 | 17,3 | | | | | | |
| | | | | F | 1 | 42 | | | | | | |

SEISMOLOGICAL BULLETIN 1927.

BATAVIA OBSERVATORY, JAVA

| 1927. | E-W component. | | | N-S component. | | | V. component. | | |
|--------------------|----------------|------------------|-----|----------------|------------------|-----|---------------|------------------|-----|
| | V. | T ₀ . | ε. | V. | T ₀ . | ε. | V. | T ₀ . | ε. |
| October | 208 | 7.0 | 3.6 | 197 | 7.5 | 3.8 | 370 | 4.8 | 3.2 |
| November | " | 6.7 | 3.4 | " | 7.3 | 3.7 | 370 | 4.8 | 3.2 |
| December | " | 6.6 | 4.0 | " | 7.3 | 4.9 | 311 | 4.8 | 3.2 |

Erratum: No 18, Feb. 17, read Feb. 18.

OCTOBER.

| No. | Date 1927. | Sta- tion. | Char- acter. | Phase. | Time (G. M. T.) | | | Period | Amplitude half. | | Distance of epi- centre. | Remarks. |
|-----|---------------|---------------|------------------|------------------|--------------------|------|----|--------|--------------------|----------------|--------------------------------|---|
| | | | | | h | m | s | | A _E | A _N | | |
| 138 | Oct. 6 | Bat. | I | e | 2 | 1 | 41 | sec. | μ | μ | km. | |
| | | | | i _E | 2 | 2 | 41 | | | | | |
| | | | | i | 2 | 5 | 5 | | | | | |
| | | | | F | 2 | 8 | | | | | | |
| 139 | " 6 | Bat. | I _v | e _E P | 6 | 15 | 44 | | | | 450 | Benkoelen. |
| | | | | i _N S | 6 | 16 | 52 | | | | | |
| | | | | F | 6 | 21 | | | | | | |
| 140 | " 7 | Bat. | III _v | i | 15 | 8 | 21 | | | | 180 | Azimuth SE; dilatation. E. Prianger. |
| | | | | iP | 15 | 8 | 25 | | | | | |
| | | | | iS | 15 | 8 | 44 | | | | | |
| | | Mal. | | i | 15 | 9,2 | | | | | 80 | pens thrown off at 13 ^h 8 ^m 21 ^s . Azimuth SSE. |
| | | | | F | 15 | 16 | | | | | | |
| | | | | iP | 15 | 8 | 6 | | | | | |
| — | " 7 | Mal. | | iS | 15 | 8 | 15 | | | | 150 | Tjikalong, (E. Prianger). |
| | | | | P | 18 | 8 | 6 | | | | | |
| | | | | F | 18 | 9 | | | | | | |
| 141 | " 11 | Bat. | I | e ₁ | 17 | 41,2 | | | | | | |
| | | | | e ₂ | 17 | 49 | 25 | | | | | |
| | | | | F | 17 | 55 | | | | | | |
| — | " 14 | Amb. | | P | 9 | 51 | 9 | | | | 550 | |
| | | | | iS | 9 | 52 | 9 | | | | | |
| | | | | F | 9 | 54 | | | | | | |
| 142 | " 16 | Bat. | | e | 12 | 50,8 | | | | | | |
| | | | | F | 12 | 54 | | | | | | |
| — | " 17 | Amb. | | P | 1 | 10,1 | | | | | (170) | In minute eclipse. |
| | | | | iS | 1 | 10 | 26 | | | | | |
| | | | | F | 1 | 12 | | | | | | |
| — | " 18 | Amb. | | iP | 20 | 5 | 16 | | | | 190 | |
| | | | | iS | 20 | 5 | 58 | | | | | |
| | | | | F | 20 | 6 | | | | | | |

| No. | Date 1927. | Station. | Char-acter. | Phase. | Time (Greenwich). | | | Period. | Amplitude (half). | | Distance of epi-centre. | Remarks. |
|-----|------------|----------|----------------|-----------------|-------------------|------|----|---------|-------------------|-------|-------------------------|----------|
| | | | | | h | m | s | | sec. | μ | | |
| — | Oct. 19 | Amb. | | i | 7 | 9 | 52 | | | 280 | | |
| | | | | iP | 7 | 9 | 55 | | | | | |
| | | | | iS | 7 | 10 | 27 | | | | | |
| | | | | F | 7 | 27 | | | | | | |
| 145 | " 19 | Bat. | I | i ₁ | 13 | 58 | 58 | | | | | |
| | | | | i ₂ | 14 | 6 | 29 | | | | | |
| | | | | F | 14 | 10 | | | | | | |
| 144 | " 20 | Bat. | I _v | P _N | 16 | 25 | 2 | | | 310 | E. Priangan. | |
| | | | | iS _E | 16 | 25 | 57 | | | | | |
| | | | | F | 16 | 29 | | | | 90 | | |
| | | Mal. | | iP | 16 | 24 | 58 | | | | | |
| | | | | iS | 16 | 24 | 49 | | | | | |
| | | | | F | 16 | 27 | | | | | | |
| 145 | " 24 | Bat. | I _u | e | 16 | 19 | | | | | | |
| | | | | L ₁ | 16 | 55 | | | | | | |
| | | | | L ₂ | 17 | 5 | | | | | | |
| | | | | L ₃ | 17 | 11 | | | | | | |
| | | | | L ₄ | 17 | 18 | | | | | | |
| | | | | L ₅ | 17 | 49 | | | | | | |
| | | | | L ₆ | 18 | 11 | | | | | | |
| | | | | L ₇ | 18 | 22 | | | | | | |
| | | | | F | 18 | 51 | | | | | | |
| | | Amb. | | eL | 16 | 57 | | | | | | |
| | | | | F | 18 | 6 | | | | | | |
| 146 | " 27 | Bat. | I _v | P _v | 18 | 46 | 36 | | | 210 | | |
| | | | | P | 18 | 46 | 59 | | | | | |
| | | | | S | 18 | 47 | 5 | | | | | |
| | | | | F | 18 | 49 | | | | | | |
| | | Mal. | | P | 18 | 46,9 | | | | 100 | No hour eclipses. | |
| | | | | S | 18 | 47,1 | | | | | | |
| 147 | " 27 | Bat. | I _r | i _v | 19 | 47 | 0 | | | 2460 | | |
| | | | | iP | 19 | 47 | 4 | | | | | |
| | | | | i | 19 | 47 | 10 | | | | | |
| | | | | S | 19 | 51 | 0 | | | | | |
| | | | | F | 20 | 4 | | | | | | |
| — | " 30 | Amb. | | iP | 1 | 59 | 54 | | | 340 | NW. | |
| | | | | S | 1 | 40 | 15 | | | | | |
| | | | | F | 1 | 49 | | | | | | |
| 148 | " 31 | Bat. | I | e | 17 | 49 | 16 | | | | | |
| | | | | i _E | 17 | 50 | 31 | | | | | |
| | | | | F | 17 | 57 | | | | | | |
| | | Amb. | | iP | 17 | 45 | 59 | | | 2400 | | |
| | | | | iS | 17 | 49 | 50 | | | | | |
| | | | | F | 17 | 58 | | | | | | |

NOVEMBER.

| | | | | | | | | | | | |
|-----|--------|------|------------------|-----------------|----|----|----|--|--|-----|---------------------------------------|
| 149 | Nov. 2 | Bat. | III _v | iP _v | 21 | 7 | 53 | | | 320 | Azimuth ENE; compression. S. Sumatra. |
| | | | | iP | 21 | 7 | 54 | | | | |
| | | | | i _E | 21 | 7 | 59 | | | | |
| | | | | i _N | 21 | 7 | 40 | | | | |
| | | | | i _v | 21 | 7 | 41 | | | | |
| | | | | iS _N | 21 | 8 | 10 | | | | |
| | | | | iS _E | 21 | 8 | 21 | | | | |
| | | | | F | 21 | 50 | | | | | |

| No. | Date 1927. | Station. | Char-acter. | Phase. | Time (G. M. T.). | | | Period. | Amplitude (half) | | Distance of epi-centre. | Remarks. |
|-----|------------|----------|-----------------|------------------|------------------|------|----|---------|------------------|-------|--|----------|
| | | | | | h | m | s | | sec. | μ | | |
| | | | | P | 21 | 7 | 15 | | | 440? | | |
| | | | | S _E ? | 21 | 8 | 2 | | | | | |
| | | | | F | 21 | 25 | | | | | | |
| 150 | Nov. 3 | Bat. | II _v | P | 8 | 26,4 | | | | (330) | In minute eclipse. | |
| | | | | i _v | 8 | 26 | 56 | | | | | |
| | | | | iS _v | 8 | 26 | 59 | | | | | |
| | | | | F | 8 | 27 | 3 | | | | | |
| | | Mal. | | i | 8 | 40 | | | | | | |
| | | | | F | 8 | 27 | 18 | | | | | |
| | | | | F | 8 | 55 | | | | | | |
| 151 | " 3 | Bat. | I | e | 12 | 40,4 | | | | | | |
| | | | | F | 12 | 44 | | | | | | |
| 152 | " 4 | Bat. | I _u | e | 14 | 11,4 | | | | | | |
| | | | | eL ₁ | 14 | 50 | | | | | | |
| | | | | eL ₂ | 15 | 56 | | | | | | |
| | | | | F | 16 | 4 | | | | | | |
| 153 | " 5 | Bat. | I | e | 6 | 45,4 | | | | | | |
| | | | | F | 6 | 59 | | | | | | |
| 154 | " 5 | Bat. | I _v | iP | 14 | 21 | 39 | | | 150 | Compression. Bantam. W. Prianger. | |
| | | | | iP _v | 14 | 21 | 40 | | | | | |
| | | | | iS | 14 | 21 | 56 | | | | | |
| | | | | F | 14 | 26 | | | | | | |
| | | Mal. | | P | 14 | 21 | 18 | | | 150 | | |
| | | | | S | 14 | 21 | 45 | | | | | |
| | | | | F | 14 | 25 | | | | | | |
| — | " 6 | Amb. | | P | 12 | 56 | 58 | | | | | |
| | | | | F | 13 | 5 | | | | | | |
| 155 | " 6 | Bat. | I _v | i _v | 15 | 59 | 42 | | | 970 | Azimuth about E; dilata-tion. Wonreli and Dobo (S. Mo-luccas). | |
| | | | | iP _v | 15 | 59 | 45 | | | | | |
| | | | | iP | 15 | 59 | 44 | | | | | |
| | | | | i | 15 | 59 | 56 | | | | | |
| | | | | iS | 15 | 41 | 28 | | | | | |
| | | | | F | 16 | 3 | | | | | | |
| | | Mal. | | P | 15 | 59 | 12 | | | 2550 | | |
| | | | | iS | 15 | 42 | 57 | | | | | |
| | | | | F | 15 | 46 | | | | | | |
| | | Amb. | | iP | 15 | 35 | 28 | | | (450) | In minute eclipse. | |
| | | | | S | 15 | 36,5 | | | | | | |
| | | | | F | 16 | 1 | | | | | | |
| 156 | " 7 | Bat. | I | e | 0 | 16,4 | | | | | | |
| | | | | i | 0 | 25 | 6 | | | | | |
| | | | | F | 0 | 52 | | | | | | |
| 157 | " 8 | Bat. | I | i _v | 3 | 20 | 10 | | | | Azimuth SW; compression. | |
| | | | | i | 3 | 20 | 11 | | | | In minute eclipse. | |
| | | | | i _v | 3 | 21,4 | | | | | | |
| | | | | i _N | 3 | 21 | 29 | | | | | |
| | | | | i | 3 | 26 | 37 | | | | | |
| | | | | L _v | 3 | 36,4 | | | | | | |
| | | | | F | 3 | 58 | | | | | | |
| — | " 9 | Amb. | | iP | 1 | 9 | 18 | | | | | |
| | | | | L | 1 | 17,3 | | | | | | |
| | | | | F | 1 | 42 | | | | | | |

| No. | Date 1927. | Stations. | Char-acter. | Phase. | Time (Greenwich). | | | Period. sec. | Amplitude (half). | | Distance of epi-centre. km. | Remarks. |
|-----|------------|-----------|-----------------|--|-------------------|---------|------|--------------|-------------------|-------|-----------------------------|---|
| | | | | | h | m | s | | μ | μ | | |
| 158 | Nov. 10 | Bat. | I | e F | 5 | 10,4 | | | | | | |
| 159 | " 12 | Bat. | I _v | i i _E F | 14 | 0 11 | | | | | | Kota Agoeng (Lampongs, S. Sumatra)? |
| 160 | " 12 | Bat. | I | i ₁ i ₂ F | 16 | 2 56 | | | | | | |
| 161 | " 14 | Bat. | I | e F | 0 | 24,5 | | | | | | |
| 162 | " 14 | Bat. | I | i F | 0 | 56 26 | | | | | | |
| 163 | " 14 | Bat. | I | e L F | 5 | 10 39,5 | 20.2 | | | | | |
| 164 | " 14 | Bat. | I | i _{v1} i _{v2} i F | 7 | 39 8 | | | | | | NE; Compression. |
| 165 | " 16 | Bat. | II _r | e _E iP _v iP _v i _N i _v i _N i _N S F P _E iP i _N iS F iP iS F | 21 | 15 25 | | | | 2720 | | Taroena (Sangi I). |
| | | Mal. | | | 21 | 15 12 | | | | 2740 | | |
| | | Amb. | | | 21 | 12 43 | | | | 1140 | | |
| 166 | " 16 | Bat. | I _v | e F | 25 | 1 44 | | | | | | Central Java. MARON: S-iP = 17 sec. Δ = 150 km. |
| | | Mal. | | P S F | 25 | 0 56 | | | | 520 | | |
| | | | | | 25 | 1 95 | | | | | | |
| 167 | " 17 | Bat. | I | e i F | 15 | 55 16 | | | | | | |
| | | Amb. | | P i F | 13 | 48,1 55 | | | | | | In minute eclipse. |
| 168 | " 17 | Bat. | I _r | i _v i iS F | 22 | 40 34 | | | | 2640 | | Taroena (Sangi I). |

| No. | Date 1927. | Sta-tion. | Char-acter. | Phase. | Time (Greenwich). | | | Period. sec. | Amplitude (half) | | Distance of epi-centre. km. | Remarks. |
|-----|------------|-----------|-----------------|--|-------------------|---------|------|--------------|------------------|-------|-----------------------------|-----------------------------|
| | | | | | h | m | s | | μ | μ | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 169 | Nov. 18 | Bat. | I _v | P _E S _N F | 1 | 29 27 | | | | | 240 | |
| 170 | " 18 | Bat. | II _r | i _v i _v iP i _v i iS P F P F P i ₁ i ₂ F F | 5 | 30 18 | | | | | 2970 | |
| | | | | | 5 | 30 20 | | | | | | |
| | | | | | 5 | 30 21 | | | | | | |
| | | | | | 5 | 30 25 | | | | | | |
| | | | | | 5 | 30 27 | | | | | | |
| | | | | | 5 | 34 54 | | | | | | |
| | | | | | 5 | 59 | | | | | | |
| | | Mal. | | | 5 | 30 11 | | | | | | |
| | | | | | 5 | 44 | | | | | | |
| | | Amb. | | | 5 | 27 53 | | | | | | |
| | | | | | 5 | 28 57 | | | | | | |
| | | | | | 5 | 40 27 | | | | | | New shock? |
| | | | | | 5 | 44 | | | | | | |
| | " 20 | Amb. | | iP F | 12 | 15 15 | | | | | | |
| | | | | | 12 | 27 | | | | | | |
| 171 | " 20 | Bat. | I | e _E i i _E F e i F | 17 | 17 41 | | | | | | |
| | | | | | 17 | 19 52 | | | | | | |
| | | | | | 17 | 22 52 | | | | | | |
| | | | | | 17 | 44 | | | | | | |
| | | Amb. | | | 17 | 15,8 19 | | | | | | |
| | | | | | 17 | 17 19 | | | | | | |
| | | | | | 17 | 42 | | | | | | |
| 172 | " 21 | Bat. | I _u | e eL _v L F | 25 | 34 40 | | | | | | |
| | " 22 | | | | 0 | 15 | 42 | | | | | |
| | | | | | 0 | 20 | 25.5 | | | | | |
| | | | | | 0 | 48 | | | | | | |
| 175 | " 22 | Bat. | I _v | P iS F iP iS F | 0 | 40 41 | | | | | 150 | E. Preanger. In No. 172. |
| | | | | | 0 | 40 58 | | | | | | |
| | | Mal. | | | 0 | 40 4 | | | | | 150 | |
| | | | | | 0 | 40 19 | | | | | | |
| 174 | " 24 | Bat. | I _v | P _v eP S _v iS F iP iS F | 15 | 39 26 | | | | | 190 | Preanger. |
| | | | | | 15 | 39 28 | | | | | | |
| | | | | | 15 | 39 47 | | | | | | |
| | | | | | 15 | 39 50 | | | | | | |
| | | | | | 15 | 44 | | | | | | |
| | | Mal. | | | 15 | 39 12 | | | | | 120 | |
| | | | | | 15 | 39 26 | | | | | | |
| | | | | | 15 | 42 | | | | | | |
| 175 | " 26 | Bat. | I | i i _N F | 15 | 14 52 | | | | | | |
| | | | | | 15 | 18 4 | | | | | | |
| | | | | | 15 | 55 | | | | | | |
| | " 28 | Amb. | | eP iS _N F | 20 | 1 56 | | | | | 450 | |
| | | | | | 20 | 2 47 | | | | | | |
| | | | | | 20 | 10 | | | | | | |

DECEMBER.

| No. | Date 1927. | Sta-tion. | Char-acter. | Phase. | Time (Greenwich). | | | Period. | Amplitude (half). | | Distance of epi-centre. | Remarks. | | | | | | | |
|------|------------|-----------|-----------------|----------------|-------------------|------|----|---------|-------------------|----------------|-------------------------|--|----|-----|-----|--|--|-----|--|
| | | | | | | | | | A _E | A _N | | | | | | | | | |
| | | | | | h | m | s | | sec. | μ | | | μ | km. | | | | | |
| 176 | Dec. 1 | Bat. | II _r | P | 4 | 40 | 31 | sec. | μ | μ | km. | Azimuth ENE; compression. Central Celebes; destruc-tive at Donggala and Paloe. | | | | | | | |
| | | | | i | 4 | 45 | 19 | | | | | | | | | | | | |
| | | Mal. | F | 5 | 17 | | | | | | | | | | | | | | |
| | | | P | 4 | 40 | 50 | | | | | | | | | | | | | |
| | | | iP | 4 | 40 | 57 | | | | | | | | | | | | | |
| | | | i ₁ | 4 | 43 | 54 | | | | | | | | | | | | | |
| | | | i ₂ | 4 | 43 | 59 | | | | | | | | | | | | | |
| | | | i ₃ | 4 | 44 | 37 | | | | | | | | | | | | | |
| | | Amb. | i ₄ | 4 | 46 | 14 | | | | | | | | | | | | | |
| | | | L | 4 | 46,5 | | | | | | | | | | | | | | |
| | | | F | 4 | 59 | | | | | | | | | | | | | | |
| | | | iP | 4 | 59,5 | | | | | | | | | | | | | | |
| | | | S? | 4 | 40,6 | | | | | | | | | | | | | | |
| | | | L | 4 | 41,2 | | | | | | | | | | | | | | |
| Mal | M | 4 | 52,9 | | | | | | | | | | | | | | | | |
| | F | 5 | 18 | | | | | | | | | | | | | | | | |
| 177 | " 2 | Bat. | I | i _E | 20 | 10 | 55 | 150? | | | 160 | Azimuth (NW). | | | | | | | |
| | | | | F | 20 | 22 | | | | | | | | | | | | | |
| — | " 4 | Amb. | | iP | 6 | 54 | 11 | 150? | | | 160 | Azimuth (NW). | | | | | | | |
| | | | | S? | 6 | 55 | 56 | | | | | | | | | | | | |
| | | | | F | 7 | 9 | | | | | | | | | | | | | |
| — | " 11 | Mal | | P _E | 3 | 24 | 23 | 160 | | | 160 | Azimuth S E; Dilatation. | | | | | | | |
| | | | | iS | 3 | 24 | 41 | | | | | | | | | | | | |
| | | | | F | 3 | 27 | | | | | | | | | | | | | |
| 178 | " 11 | Bat. | II | i _v | 17 | 29 | 44 | 18 | | | 400? | Azimuth (WNW). In hour eclipse. | | | | | | | |
| | | | | iP | 17 | 29 | 47 | | | | | | | | | | | | |
| | | | | L _v | 17 | 41 | | | | | | | | | | | | | |
| | | Mal. | F | 18 | 3 | | | | | | | | | | | | | | |
| | | | i | 17 | 29 | 45 | | | | | | | | | | | | | |
| | | | L | 17 | 57 | | | | | | | | | | | | | | |
| | | Amb. | F | 17 | 45 | | | | | | | | | | | | | | |
| | | | iP | 17 | 26 | 25 | | | | | | | | | | | | | |
| | | | S? | 17 | 27,1 | | | | | | | | | | | | | | |
| | | | F | 18 | 2 | | | | | | | | | | | | | | |
| | | " 12 | Amb. | | | iP | 6 | | | | | | 25 | 14 | 130 | | | 130 | |
| | | | | | | F | 6 | | | | | | 56 | | | | | | |
| | | " 15 | Amb. | | | P | 14 | | | | | | 6 | 44 | 130 | | | 130 | |
| | | | | | | iS | 14 | | | | | | 6 | 59 | | | | | |
| F | 14 | | | | | 10 | | | | | | | | | | | | | |
| " 15 | Amb. | | | i | 16 | 14 | 55 | 130 | | | 130 | | | | | | | | |
| | | | | L | 16 | 19 | | | | | | | | | | | | | |
| | | | | F | 16 | 57 | | | | | | | | | | | | | |
| " 16 | Amb. | | | P | 7 | 56 | 10 | 130 | | | 130 | | | | | | | | |
| | | | | iS | 7 | 56 | 25 | | | | | | | | | | | | |
| | | | | F | 7 | 42 | | | | | | | | | | | | | |
| " 16 | Amb. | | | P | 12 | 19,3 | | (70) | | | (70) | In minute eclipse. | | | | | | | |
| | | | | iS | 12 | 19 | 26 | | | | | | | | | | | | |
| | | | | F | 12 | 27 | | | | | | | | | | | | | |

| No. | Date 1926 | Sta-tion. | Char-acter. | Phase. | Time (Greenwich). | | | Period. | Amplitude (half). | | Distance of epi-centre. | Remarks. | | | | | | | | | |
|----------------|-----------|-----------|----------------|----------------|-------------------|------|----|---------|-------------------|----------------|-------------------------|--|----------------|-----|----|----|-----|--|--|-----|--|
| | | | | | | | | | A _E | A _N | | | | | | | | | | | |
| | | | | | h | m | s | | sec. | μ | | | μ | km. | | | | | | | |
| 179 | Dec. 22 | Bat. | I | e | 15 | 52,4 | | sec. | μ | μ | km. | | | | | | | | | | |
| | | | | i ₁ | 15 | 54 | 59 | | | | | | | | | | | | | | |
| | | | | i ₂ | 15 | 55 | 51 | | | | | | | | | | | | | | |
| | | | | F | 14 | 12 | | | | | | | | | | | | | | | |
| | | | | P | 15 | 52 | 54 | | | | | | | | | | | | | | |
| | | Mal. | | iP | 15 | 52 | 58 | | | | | | | | | | | | | | |
| | | | | iS | 15 | 54 | 21 | | | | | | | | | | | | | | |
| | | | | F | 15 | 55 | | | | | | | | | | | | | | | |
| | | | | — | " 22 | Amb. | | | | | | | P _E | 15 | 52 | 49 | 390 | | | 390 | |
| | | | | | | | | | | | | | i | 15 | 52 | 56 | | | | | |
| S _N | 15 | 53 | 35 | | | | | | | | | | | | | | | | | | |
| — | " 24 | Amb. | | eP | 4 | 51 | 2 | 140 | | | 140 | | | | | | | | | | |
| | | | | iS | 4 | 51 | 18 | | | | | | | | | | | | | | |
| | | | | F | 4 | 54 | | | | | | | | | | | | | | | |
| 180 | " 26 | Bat. | I _v | i | 12 | 9 | 50 | 32 | | | 160 | Central Java Marou registers a heavy shock at 12 ^h 10 ^m and 7 after-shocks. Mean distance 44 km. (iS-iP = 1,15 sec). | | | | | | | | | |
| | | | | F | 12 | 14 | | | | | | | | | | | | | | | |
| — | " 27 | Amb. | | iP | 15 | 18 | 59 | 17.3 | | | 160 | | | | | | | | | | |
| | | | | iS | 15 | 18 | 57 | | | | | | | | | | | | | | |
| | | | | F | 15 | 21 | | | | | | | | | | | | | | | |
| 181 | " 28 | Bat. | I _u | i _v | 18 | 52 | 10 | 32 | | | 160 | | | | | | | | | | |
| | | | | i ₁ | 18 | 52 | 11 | | | | | | | | | | | | | | |
| | | | | i ₂ | 18 | 56 | 22 | | | | | | | | | | | | | | |
| | | | | i ₃ | 18 | 42 | 8 | | | | | | | | | | | | | | |
| | | | | L _v | 18 | 47,5 | | | | | | | | | | | | | | | |
| | | Amb. | | L | 18 | 54,5 | | | | | | | | | | | | | | | |
| | | | | M _E | 19 | 6,5 | | | | | | | | | | | | | | | |
| | | | | F | 19 | 57 | | | | | | | | | | | | | | | |
| | | | | e | 18 | 51,0 | | | | | | | | | | | | | | | |
| | | | | i ₁ | 18 | 51 | 12 | | | | | | | | | | | | | | |
| — | " 30 | Bat. | I _r | i _E | 6 | 5 | 45 | 260 | | | 260 | Minutes uncertain. | | | | | | | | | |
| | | | | i _N | 6 | 9 | 57 | | | | | | | | | | | | | | |
| | | | | F | 6 | 16 | | | | | | | | | | | | | | | |
| — | " 30 | Amb. | | iP | 6 | 1 | 24 | 260 | | | 260 | Minutes uncertain. | | | | | | | | | |
| | | | | iS | 6 | 1 | 54 | | | | | | | | | | | | | | |
| | | | | F | 6 | 22 | | | | | | | | | | | | | | | |
| — | " 30 | Amb. | | P | 14 | 11 | 42 | 260 | | | 260 | Minutes uncertain. | | | | | | | | | |
| | | | | F | 14 | 16 | | | | | | | | | | | | | | | |
| 183 | " 31 | Bat. | I _v | eP | 22 | 52,5 | | sec. | μ | μ | km. | (240) Tjiletoeh (W. Preanger). | | | | | | | | | |
| | | | | iS | 22 | 55 | 0 | | | | | | | | | | | | | | |
| | | | | F | 22 | 58 | | | | | | | | | | | | | | | |
| | | Mal. | | iP | 22 | 52 | 37 | | | | | | | | | | | | | | |
| | | | | iS | 22 | 52 | 50 | | | | | | | | | | | | | | |
| | | | | F | 22 | 56 | | | | | | | | | | | | | | | |
| — | " 31 | Bat. | I | e | 25 | 22,5 | | 17.3 | | | 240 | | | | | | | | | | |
| | | | | i | 25 | 30 | 17 | | | | | | | | | | | | | | |
| | | | | F | 25 | 48 | | | | | | | | | | | | | | | |