

| Date | Universal Time | Phase | A | t | Δ | Remarks |
|--------|----------------|-------|-------|----|----------|--|
| 1935 | h m s | | μ | s | ° | |
| Jan. 1 | 12 28 23 | iP | - | | | |
| | 28 33 | i | - | | | |
| | 29 20 | PR1 | | | | |
| | 31 42 | i | | | | |
| | 34 15 | S | | | 37.7 | |
| | 37 42 | SR1 | | | | |
| | 39 20 | L | | | | amplitudes less than S and SR1 |
| | 43.5 | M | 36 | 17 | | |
| 3 | 2 2 53 | P | vs | | | identification aided by cabled reports |
| | 6 17 | PR1 | vs | | | |
| | 13 20 | S | | | | |
| | 13 34 | S | | | 87.5 | |
| | 14 25 | PS | | | | |
| | 19 4 | SR1 | | | | |
| | 30.3 | L | | | | |
| | 43.3 | M | 12 | 25 | | |
| 4 | 0 24 57 | e | vs | | | |
| | 28 7 | e | vs | | | |
| | 38.1 | M | 3 | 15 | | |
| 4 | 15 4 13 | c | vs | | | |
| | 46.3 | L | | | | |
| 4 | 19 5 52 | e | vs | | | |
| | 10.3? | L | | | | |
| 5 | 10 22 27 | S | | | | |
| | 26 7 | SR1 | | | | |
| | 31 ca | L | | | | |
| | 36.2 | M | 9 | 20 | | |
| 14 | 2 19 40 | iS | s | | | |
| | 23 3 | SR1 | s | | | no L. |
| 14 | 22 42 32 | iS | s | | | similar to preceding. |
| | 45 56 | SR1 | s | | | no L. |
| 17 | 2 14 1 | iP | + | | | |
| | 18 40 | S | | | 26.9 | |
| | 21 0 | L | | | | |
| | 23.3 | M1 | 61 | 16 | | |
| | 25.4 | M2 | 65 | 16 | | |
| 18 | 11 13 45 | e | vs | | | |
| | 16.5 | L | | | | |
| | 20.9 | M | 6 | 12 | | |
| 20 | 0 8 48 | i | vs | | | |
| | 15.2 | M | 2 | 10 | | |
| 22 | 15 3 40 | eP | vs | | | |
| | 4 17 | PR1 | vs | | | |
| | 9 16 | S | | | 35.1 | |
| | 9 50 | i | | | | |
| | 11 33 | SR1 | | | | |
| | 15 14 | L | | | | |
| | 17.0 | M | 74 | 7 | | |

3.1.1951
 Bulletin No.

MIRROR-SHOW SEISMOLOGICAL No. 11 2-W COMPONENT.
 SOUTH HANNA 2.2.1 VICTORIA.
 MIRROR-SHOW SEISMOLOGICAL No. 11 2-W COMPONENT.
 SOUTH HANNA 2.2.1 VICTORIA.

Period is sec. Sampling rate 1000 Hz - 40.0mm.

| Date | Time | Phase | A | r | Δ | Latitude |
|------|----------|-------|---|---|---|----------|
| 1951 | 12 28 33 | 1W | - | - | - | |
| 1951 | 12 28 33 | 1 | - | - | - | |
| 1951 | 12 28 33 | 2W | - | - | - | |
| 1951 | 12 28 33 | 1 | - | - | - | |
| 1951 | 12 28 33 | 2 | - | - | - | |
| 1951 | 12 28 33 | 3 | - | - | - | |
| 1951 | 12 28 33 | 4 | - | - | - | |
| 1951 | 12 28 33 | 5 | - | - | - | |
| 1951 | 12 28 33 | 6 | - | - | - | |
| 1951 | 12 28 33 | 7 | - | - | - | |
| 1951 | 12 28 33 | 8 | - | - | - | |
| 1951 | 12 28 33 | 9 | - | - | - | |
| 1951 | 12 28 33 | 10 | - | - | - | |
| 1951 | 12 28 33 | 11 | - | - | - | |
| 1951 | 12 28 33 | 12 | - | - | - | |
| 1951 | 12 28 33 | 13 | - | - | - | |
| 1951 | 12 28 33 | 14 | - | - | - | |
| 1951 | 12 28 33 | 15 | - | - | - | |
| 1951 | 12 28 33 | 16 | - | - | - | |
| 1951 | 12 28 33 | 17 | - | - | - | |
| 1951 | 12 28 33 | 18 | - | - | - | |
| 1951 | 12 28 33 | 19 | - | - | - | |
| 1951 | 12 28 33 | 20 | - | - | - | |
| 1951 | 12 28 33 | 21 | - | - | - | |
| 1951 | 12 28 33 | 22 | - | - | - | |
| 1951 | 12 28 33 | 23 | - | - | - | |
| 1951 | 12 28 33 | 24 | - | - | - | |
| 1951 | 12 28 33 | 25 | - | - | - | |
| 1951 | 12 28 33 | 26 | - | - | - | |
| 1951 | 12 28 33 | 27 | - | - | - | |
| 1951 | 12 28 33 | 28 | - | - | - | |
| 1951 | 12 28 33 | 29 | - | - | - | |
| 1951 | 12 28 33 | 30 | - | - | - | |
| 1951 | 12 28 33 | 31 | - | - | - | |
| 1951 | 12 28 33 | 32 | - | - | - | |
| 1951 | 12 28 33 | 33 | - | - | - | |
| 1951 | 12 28 33 | 34 | - | - | - | |
| 1951 | 12 28 33 | 35 | - | - | - | |
| 1951 | 12 28 33 | 36 | - | - | - | |
| 1951 | 12 28 33 | 37 | - | - | - | |
| 1951 | 12 28 33 | 38 | - | - | - | |
| 1951 | 12 28 33 | 39 | - | - | - | |
| 1951 | 12 28 33 | 40 | - | - | - | |
| 1951 | 12 28 33 | 41 | - | - | - | |
| 1951 | 12 28 33 | 42 | - | - | - | |
| 1951 | 12 28 33 | 43 | - | - | - | |
| 1951 | 12 28 33 | 44 | - | - | - | |
| 1951 | 12 28 33 | 45 | - | - | - | |
| 1951 | 12 28 33 | 46 | - | - | - | |
| 1951 | 12 28 33 | 47 | - | - | - | |
| 1951 | 12 28 33 | 48 | - | - | - | |
| 1951 | 12 28 33 | 49 | - | - | - | |
| 1951 | 12 28 33 | 50 | - | - | - | |
| 1951 | 12 28 33 | 51 | - | - | - | |
| 1951 | 12 28 33 | 52 | - | - | - | |
| 1951 | 12 28 33 | 53 | - | - | - | |
| 1951 | 12 28 33 | 54 | - | - | - | |
| 1951 | 12 28 33 | 55 | - | - | - | |
| 1951 | 12 28 33 | 56 | - | - | - | |
| 1951 | 12 28 33 | 57 | - | - | - | |
| 1951 | 12 28 33 | 58 | - | - | - | |
| 1951 | 12 28 33 | 59 | - | - | - | |
| 1951 | 12 28 33 | 60 | - | - | - | |

Identification aided by catalog reports

no L. station to preceding. no L.

Seismological Bulletin No. 29 contd. MELBOURNE OBSERVATORY SOUTH YARRA S.E.1 VICTORIA.

| Date | Universal Time | Phase | A | t | Δ | Remarks |
|---------------|-------------------|-------|----|----|---|-------------------------------|
| 1935 | h m s | | | | | |
| Jan. 23 | 7 44 50 | e | vs | | | |
| | 48 18 | e | | | | |
| | 49 11 | iS | | | | |
| | 55 40 | i | s | | | |
| | 56 19 | i | s | | | |
| | 59 30 | SR2 | | | | |
| | 8 9 ca | L | | | | |
| | 15.7 | M | 34 | 20 | | |
| 31 | 17 52 20 | e | s | | | |
| | 54 11 | e | s | | | |
| | 57 20 | S | | | | |
| | 18 0 59 | i | | | | |
| | 1 50 | L | | | | |
| | 4.7 | M | 18 | 13 | | |
| Feb. 4 | 8 2 37 | e | vs | | | |
| | 5 55 | e | vs | | | |
| | 11 ca | L | | | | |
| | 18.0 | M | 4 | 16 | | |
| 4 | 17 31 56 | e | vs | | | P? |
| | 37 58 | e | vs | | | S? |
| | 41 4 | e | vs | | | L? |
| | 50.8 | M | 5 | 15 | | |
| 22 | 17 20 30 | e | vs | | | |
| | 29 58 | i | vs | | | |
| | 30 43 | S | | | | |
| | 37 0 | e | | | | |
| | 43 48 | e | | | | |
| | 45 43 | L | | | | |
| | 49.9 | M | 26 | 13 | | |
| | | | | | | much longer period superposed |
| 23 | 3 40 19 | i | vs | | | |
| | 41 56 | i | vs | | | |
| | 46 6 | i | | | | |
| | 50 35 | L | | | | |
| | 51.7 | M | 9 | 20 | | |
| 23 | 12 38 45 | c | vs | | | |
| | 41 55 | i | s | | | |
| | 42 40 | L | | | | |
| | 45.3 | M | 7 | 10 | | |
| 24 | 11 10 27 | i | s | | | |
| | 18 7 | L | | | | |
| | 23.0 | M | 7 | 16 | | |
| 25 | 3 13.5 | e | vs | | | |
| | 24.7 | i | s | | | |
| 27 | 9 23 52 | i | | | | |
| | 26 53 | i | | | | |
| | 34 53 | L | | | | |
| | 36.6 | M | 13 | 21 | | |

THE UNIVERSITY OF TORONTO
 27th FLOOR 27.1 VICTORIA

3 January 1955
 Bulletin No. 27

Station
 Date
 Time
 Magnitude

| Station | Date | Time | Magnitude |
|---------|------|-------|-----------|
| 17 | 1955 | 17 25 | 2.0 |
| 17 | 1955 | 17 26 | 2.0 |
| 17 | 1955 | 17 27 | 2.0 |
| 17 | 1955 | 17 28 | 2.0 |
| 17 | 1955 | 17 29 | 2.0 |
| 17 | 1955 | 17 30 | 2.0 |
| 17 | 1955 | 17 31 | 2.0 |
| 17 | 1955 | 17 32 | 2.0 |
| 17 | 1955 | 17 33 | 2.0 |
| 17 | 1955 | 17 34 | 2.0 |
| 17 | 1955 | 17 35 | 2.0 |
| 17 | 1955 | 17 36 | 2.0 |
| 17 | 1955 | 17 37 | 2.0 |
| 17 | 1955 | 17 38 | 2.0 |
| 17 | 1955 | 17 39 | 2.0 |
| 17 | 1955 | 17 40 | 2.0 |
| 17 | 1955 | 17 41 | 2.0 |
| 17 | 1955 | 17 42 | 2.0 |
| 17 | 1955 | 17 43 | 2.0 |
| 17 | 1955 | 17 44 | 2.0 |
| 17 | 1955 | 17 45 | 2.0 |
| 17 | 1955 | 17 46 | 2.0 |
| 17 | 1955 | 17 47 | 2.0 |
| 17 | 1955 | 17 48 | 2.0 |
| 17 | 1955 | 17 49 | 2.0 |
| 17 | 1955 | 17 50 | 2.0 |
| 17 | 1955 | 17 51 | 2.0 |
| 17 | 1955 | 17 52 | 2.0 |
| 17 | 1955 | 17 53 | 2.0 |
| 17 | 1955 | 17 54 | 2.0 |
| 17 | 1955 | 17 55 | 2.0 |
| 17 | 1955 | 17 56 | 2.0 |
| 17 | 1955 | 17 57 | 2.0 |
| 17 | 1955 | 17 58 | 2.0 |
| 17 | 1955 | 17 59 | 2.0 |
| 17 | 1955 | 18 00 | 2.0 |
| 17 | 1955 | 18 01 | 2.0 |
| 17 | 1955 | 18 02 | 2.0 |
| 17 | 1955 | 18 03 | 2.0 |
| 17 | 1955 | 18 04 | 2.0 |
| 17 | 1955 | 18 05 | 2.0 |
| 17 | 1955 | 18 06 | 2.0 |
| 17 | 1955 | 18 07 | 2.0 |
| 17 | 1955 | 18 08 | 2.0 |
| 17 | 1955 | 18 09 | 2.0 |
| 17 | 1955 | 18 10 | 2.0 |
| 17 | 1955 | 18 11 | 2.0 |
| 17 | 1955 | 18 12 | 2.0 |
| 17 | 1955 | 18 13 | 2.0 |
| 17 | 1955 | 18 14 | 2.0 |
| 17 | 1955 | 18 15 | 2.0 |
| 17 | 1955 | 18 16 | 2.0 |
| 17 | 1955 | 18 17 | 2.0 |
| 17 | 1955 | 18 18 | 2.0 |
| 17 | 1955 | 18 19 | 2.0 |
| 17 | 1955 | 18 20 | 2.0 |
| 17 | 1955 | 18 21 | 2.0 |
| 17 | 1955 | 18 22 | 2.0 |
| 17 | 1955 | 18 23 | 2.0 |
| 17 | 1955 | 18 24 | 2.0 |
| 17 | 1955 | 18 25 | 2.0 |
| 17 | 1955 | 18 26 | 2.0 |
| 17 | 1955 | 18 27 | 2.0 |
| 17 | 1955 | 18 28 | 2.0 |
| 17 | 1955 | 18 29 | 2.0 |
| 17 | 1955 | 18 30 | 2.0 |
| 17 | 1955 | 18 31 | 2.0 |
| 17 | 1955 | 18 32 | 2.0 |
| 17 | 1955 | 18 33 | 2.0 |
| 17 | 1955 | 18 34 | 2.0 |
| 17 | 1955 | 18 35 | 2.0 |
| 17 | 1955 | 18 36 | 2.0 |
| 17 | 1955 | 18 37 | 2.0 |
| 17 | 1955 | 18 38 | 2.0 |
| 17 | 1955 | 18 39 | 2.0 |
| 17 | 1955 | 18 40 | 2.0 |
| 17 | 1955 | 18 41 | 2.0 |
| 17 | 1955 | 18 42 | 2.0 |
| 17 | 1955 | 18 43 | 2.0 |
| 17 | 1955 | 18 44 | 2.0 |
| 17 | 1955 | 18 45 | 2.0 |
| 17 | 1955 | 18 46 | 2.0 |
| 17 | 1955 | 18 47 | 2.0 |
| 17 | 1955 | 18 48 | 2.0 |
| 17 | 1955 | 18 49 | 2.0 |
| 17 | 1955 | 18 50 | 2.0 |
| 17 | 1955 | 18 51 | 2.0 |
| 17 | 1955 | 18 52 | 2.0 |
| 17 | 1955 | 18 53 | 2.0 |
| 17 | 1955 | 18 54 | 2.0 |
| 17 | 1955 | 18 55 | 2.0 |
| 17 | 1955 | 18 56 | 2.0 |
| 17 | 1955 | 18 57 | 2.0 |
| 17 | 1955 | 18 58 | 2.0 |
| 17 | 1955 | 18 59 | 2.0 |
| 17 | 1955 | 19 00 | 2.0 |
| 17 | 1955 | 19 01 | 2.0 |
| 17 | 1955 | 19 02 | 2.0 |
| 17 | 1955 | 19 03 | 2.0 |
| 17 | 1955 | 19 04 | 2.0 |
| 17 | 1955 | 19 05 | 2.0 |
| 17 | 1955 | 19 06 | 2.0 |
| 17 | 1955 | 19 07 | 2.0 |
| 17 | 1955 | 19 08 | 2.0 |
| 17 | 1955 | 19 09 | 2.0 |
| 17 | 1955 | 19 10 | 2.0 |
| 17 | 1955 | 19 11 | 2.0 |
| 17 | 1955 | 19 12 | 2.0 |
| 17 | 1955 | 19 13 | 2.0 |
| 17 | 1955 | 19 14 | 2.0 |
| 17 | 1955 | 19 15 | 2.0 |
| 17 | 1955 | 19 16 | 2.0 |
| 17 | 1955 | 19 17 | 2.0 |
| 17 | 1955 | 19 18 | 2.0 |
| 17 | 1955 | 19 19 | 2.0 |
| 17 | 1955 | 19 20 | 2.0 |
| 17 | 1955 | 19 21 | 2.0 |
| 17 | 1955 | 19 22 | 2.0 |
| 17 | 1955 | 19 23 | 2.0 |
| 17 | 1955 | 19 24 | 2.0 |
| 17 | 1955 | 19 25 | 2.0 |
| 17 | 1955 | 19 26 | 2.0 |
| 17 | 1955 | 19 27 | 2.0 |
| 17 | 1955 | 19 28 | 2.0 |
| 17 | 1955 | 19 29 | 2.0 |
| 17 | 1955 | 19 30 | 2.0 |
| 17 | 1955 | 19 31 | 2.0 |
| 17 | 1955 | 19 32 | 2.0 |
| 17 | 1955 | 19 33 | 2.0 |
| 17 | 1955 | 19 34 | 2.0 |
| 17 | 1955 | 19 35 | 2.0 |
| 17 | 1955 | 19 36 | 2.0 |
| 17 | 1955 | 19 37 | 2.0 |
| 17 | 1955 | 19 38 | 2.0 |
| 17 | 1955 | 19 39 | 2.0 |
| 17 | 1955 | 19 40 | 2.0 |
| 17 | 1955 | 19 41 | 2.0 |
| 17 | 1955 | 19 42 | 2.0 |
| 17 | 1955 | 19 43 | 2.0 |
| 17 | 1955 | 19 44 | 2.0 |
| 17 | 1955 | 19 45 | 2.0 |
| 17 | 1955 | 19 46 | 2.0 |
| 17 | 1955 | 19 47 | 2.0 |
| 17 | 1955 | 19 48 | 2.0 |
| 17 | 1955 | 19 49 | 2.0 |
| 17 | 1955 | 19 50 | 2.0 |
| 17 | 1955 | 19 51 | 2.0 |
| 17 | 1955 | 19 52 | 2.0 |
| 17 | 1955 | 19 53 | 2.0 |
| 17 | 1955 | 19 54 | 2.0 |
| 17 | 1955 | 19 55 | 2.0 |
| 17 | 1955 | 19 56 | 2.0 |
| 17 | 1955 | 19 57 | 2.0 |
| 17 | 1955 | 19 58 | 2.0 |
| 17 | 1955 | 19 59 | 2.0 |
| 17 | 1955 | 20 00 | 2.0 |

each lower level appears

| Date | Universal | | | Phase | A μ | t s | Δ ° | Remarks |
|---------------|-----------|------|------|-------|------------|--------|---------------|------------------------------|
| | h | m | s | | | | | |
| 1935 | | | | | | | | |
| Mar. 5 | 9 | 35 | 26 | eL | | | | |
| | | 38 | 24 | eL | | | | |
| | | 41.4 | | M | 5 | 13 | | |
| | 8 | 5 | 27 | e | | | | |
| | | 28 | 5 | i | vs | | | |
| | | 31 | 28 | L | s | | | |
| | 11 | 15 | 8 | e | s | | | almost obliterated by micros |
| | | 15 | 18 | i | s | | | |
| | | 20 | 50 | i | s | | | |
| | 12 | 13 | 49 | L1 | s | | | |
| | | | 57 | L2 | s | | | |
| 13 | 18 | 50 | 57 | i | s | | | |
| | | 52 | 0 | L | | | | |
| | | 53.1 | | M | 19 | 21 | | |
| | 14 | 11 | 46.9 | e | vs | | | |
| | | | 50.8 | L | | | | |
| | 14 | 12 | 21 | i | s | | | |
| | | | 30 | i | s | | | |
| | | | 33.3 | L | | | | |
| | 14 | 13 | 51 | e | | | | |
| | | | 54 | L | | | | |
| | | | 55.4 | M | 10 | 18 | | |
| | 14 | 15 | 41 | e | vs | | | |
| | | | 45 | i | s | | | |
| | | | 51 | L | | | | |
| | | | 55.1 | M | 18 | 20 | | |
| 15 | 11 | 22 | 14 | e | s | | | |
| | | 23 | 39 | e | | | | |
| | | 24 | 10 | L | | | | |
| | | 24.8 | | M | 29 | 18 | | |
| | 16 | 8 | 3 | e | s | | | obscured by micros. |
| | | | 10 | i | s | | | |
| 20 | 23 | 3 | 53 | eP | + | | | |
| | | 9 | 2 | S | | | 31.0 | |
| | | 11 | 24 | SR1 | | | | |
| | | 12 | 24 | L | | | | |
| | | 14.8 | | M | 186 | 20 | | |
| 29 | 12 | 30 | 45 | P | - | | | |
| | | 32 | 9 | i | | | | |
| | | 36 | 9 | S | | | 33.3 | |
| | | 38 | 11 | SR1 | | | | |
| | | 40 | 23 | L | | | | |
| | | 42.9 | | M | 60 | 13 | | |
| | 30 | 2 | 23.3 | L | | | | |
| | | | 25.5 | M | 6 | 20 | | |

J. M. Baldwin.
Government Astronomer

Date: _____
Time: _____
Station: _____

almost obliterated by microse.

observed by microse.

31.0

33.3

Government Astronomer

Seismological Bulletin No. 30 MELBOURNE OBSERVATORY SOUTH YARRA S.E.1 VICTORIA.

MILNE-SHAW SEISMOGRAPH No. 41 E-W COMPONENT.
 Period 12 secs. Damping ratio 20:1 Tilt 1" = 44.7mm.

| Date | Universal Time | Phase | A | t | Δ | Remarks. |
|--------|----------------|-------|----|----|---|--------------------------|
| 1935 | h m s | | μ | s | ° | |
| Apr. 1 | 2 27 32 | e | | | | |
| | 36.4 | L | | | | |
| | 40.3 | M | 4 | 15 | | |
| 3 | 20 45.3ca | e | vs | | | |
| | 56 53 | i | vs | | | |
| | 21 24.7 | M | 3 | 12 | | |
| 5 | 3 8 14 | i | vs | | | |
| | 10 53 | i | s | | | |
| | 12 53 | L | | | | |
| | 13.3 | M | 10 | 20 | | |
| 9 | 23 10 55 | e | s | | | |
| | 15.2 | M | 6 | 14 | | |
| 10 | 12 21 10 | e | vs | | | |
| | 27.5? | L | vs | | | |
| 11 | 1 38 10 | i | vs | | | may be S |
| | 53.0 | L | | | | |
| | 57.2 | M | 10 | 25 | | |
| 11 | 23 43 42 | i | vs | | | |
| 12 | 0 15.3 | L | | | | |
| | 22.0 | M | 6 | 20 | | |
| 12 | 1 37 43? | P | vs | | | felt in S.E. Queensland. |
| | 39 27 | S | | | | |
| | 39 42 | i | | | | |
| | 40.1 | M | 26 | 4 | | |
| 13 | 20 34.4 | e | vs | | | |
| | 41 | L | vs | | | |
| 16 | 20 49 46 | i | vs | | | |
| | 54.7 | M | 2 | 13 | | |
| 19 | 15 42 44 | i | vs | | | |
| | 45 35 | e | s | | | |
| | 52 5 | e | s | | | |
| | 59 26 | c | | | | |
| 16 | 4 7 | i | | | | possibly SR1 |
| | | | k | | | |
| | 9 54 | i | | | | possibly SR2 |
| | 28.0? | L | | | | |
| | 41.3 | M1 | 43 | 20 | | |
| | 45.7 | M2 | 43 | 19 | | |
| 20 | 19 48 18 | e | vs | | | |
| | 56 56 | i | vs | | | |

Seismological
Bulletin No. 30 contd.

MELBOURNE OBSERVATORY

SOUTH YARRA S.E.1 VICTORIA.

| Date | Time | Phase | A | t | Remarks. |
|---------|----------|-------|----|----|----------|
| 1935 | h m s | | s | s | |
| Apr. 20 | 22 16 43 | e | vs | | |
| | 21 30 | i | s | | |
| | 21 55 | i | s | | |
| | 29 26 | i | | | |
| | 34 13 | L | | | |
| | 40.6 | M | 10 | 14 | |
| -21 | 7 40 21 | e | vs | | |
| | 43 51 | i | s | | |
| | 45 45 | i | s | | |
| | 46 6 | i | | | |
| | 47 10 | L | | | |
| | 55.7 | M | 9 | 16 | |
| 23 | 17 27.4 | e | vs | | |
| | 30 38 | e | vs | | |
| | 34 20 | i | s | | |
| 29 | 11 50 44 | i | vs | | |
| | 53 0 | i | s | | |
| | 55.3? | L | | | |
| | 57.7 | M | 5 | 12 | |
| May 3 | 1 11.6? | e | vs | | |
| | 13.8 | m | 2 | 8 | |
| 7 | 6 4 10? | i | vs | | |
| | 10 33 | i | | | |
| | 14 3 | i | | | |
| | 14.5 | m | 8 | 13 | |
| | 22.6 | L? | | | |
| -12 | 19 57 32 | e | vs | | |
| | 57 39 | i | s | | |
| | 20 1 40 | L | | | |
| | 5.4 | M | 9 | 14 | |
| -13 | 20 14 12 | i | s | | |
| | 18 37 | i | vs | | |
| | 26 0 | e | vs | | |
| | 27 5 | L | | | |
| | 38.4 | M | 12 | 20 | |
| {13 | 23 59.0 | e | vs | | |
| {14 | 0 4 10 | i | | | |
| | 6.5 | M | 6 | 14 | |
| 14 | 23 35 54 | e | vs | | |
| | 45 30 | i | s | | |
| | 51 8 | i | | | |
| | 54 20 | e | | | |
| | 57 53 | i | | | |
| | 59.6 | L | | | |
| -16 | 20 58 2 | i | | | |
| | 21 0 7 | i | | | |
| | 9 45 | L | | | |
| | 12.5 | M | 20 | 21 | |

preceded by very small, irregular movements for about 40 m.

most prominent feature

Seismological Bulletin No. 30 contd. MELBOURNE OBSERVATORY SOUTH YARRA S.E.1 VICTORIA.

| Date | Time | Phase | A | t | Δ | Remarks |
|---------|----------|-------|-----|------|---|--|
| 1935 | h m s | | μ | s | ° | |
| M. y 18 | 21 37 30 | e | vs | | | |
| | 42 10 | i | s | | | |
| | 44 36 | i | s | | | |
| | 45 8 | L | | | | |
| | 46.9 | M | 9 | 20 | | |
| -20 | 5 36 26 | i | | | | |
| | 39 53 | i | | | | |
| | 48.3 | L | | | | |
| | 49.3 | M | 9 | 20 | | |
| -21 | 6 58 33? | e | vs | | | |
| | 7 3 20 | S | | | | |
| | 5 22 | i | | | | |
| | 6 59 | L | | | | |
| | 11.9 | M | 50 | 12 | | |
| 21 | 12 54 46 | e | vs | | | |
| | 13 4 36 | e | vs | | | |
| | 17 47 | i | s | | | may be new disturbance |
| | 20 6 | i | s | | | |
| | 26.3 | m | 7 | 10 | | |
| -24 | 5 46 0 | eP | s | | | |
| | 48 20 | PR1 | | | | |
| | 53 20 | eS | | | | |
| | 53 25 | iS | + | 51.6 | | |
| | 57 3 | SR1 | | | | |
| | 6 0 0? | L | | | | |
| | 5.3 | M | 286 | 27 | | |
| 25 | 0 24 52 | e | s | | | |
| | 28 37 | i | s | | | |
| | 35 14 | L? | s | | | |
| 26 | 22 14 13 | e | s | | | |
| | 20 35 | S | | | | |
| | 24 14 | e | | | | |
| 27 | 3 19 20 | e | vs | | | |
| | 23 17 | e | s | | | |
| | 27 22 | L | | | | |
| | 30.4 | M | 17 | 20 | | |
| -30 | 21 57 13 | e | s | | | preceded and obscured by strong microseismic destructive at Quetta, Baluchistan. |
| | 57 38 | i | s | | | |
| | 58 10 | i | | | | |
| 22 | 0 53 | i | | | | |
| | 2 34 | i | | | | |
| | 9 20 | e | | | | few long waves |
| | 14 58 | i | | | | |
| | 17 37 | i | | | | |
| | 18 46 | i | | | | |
| | 20 10 | i | | | | few long waves of irregular period. |
| | 23 3 | L | | | | |
| | 33.0 | M | 157 | 20 | | |

Seismological Bulletin No. 30 contd. MELBOURNE OBSERVATORY SOUTH YARRA S.E.1 VICTORIA.

| Date | Time | Phase | Δ | t | Δ | Remarks. |
|---------|----------|-------|----------|----|----------|-----------------------------|
| 1935 | h m s | | μ | | ° | |
| June 16 | 6 30 13 | e | vs | | | |
| | 34 41 | i | s | | | |
| | 35 28 | i | s | | | |
| | 40.5 | M | 5 | 10 | | |
| 18 | 17 38 48 | c | s | | | |
| | 40 47 | i | s | | | |
| | 42ca | L | | | | |
| | 42.8 | M | 2 | 7 | | |
| 18 | 17 47 29 | i | | | | local; felt in N.E. suburbs |
| | 47 34 | F | | | | |
| 18 | 22 44 32 | S | | | | |
| | 45 11 | i | s | | | |
| | 48 17 | i | s | | | |
| | 54 15 | i | s | | | |
| | 55 50 | i | | | | |
| | 56.2 | m | 8 | 12 | | |
| 19 | 22 26 33 | c | | | | |
| | 28.5 | L | | | | |
| | 31.9 | M | 21 | 20 | | |
| 22 | 15 57 48 | e | vs | | | |
| | 16 2 8 | i | | | | |
| | 7 27 | i | | | | |
| | 9 10 | L | | | | |
| | 11.2 | M | 21 | 20 | | |
| 23 | 9 38 14? | e | vs | | | |
| | 41 38 | L | | | | |
| | 42.3 | M | 5 | 8 | | |
| 23 | 15 24 7 | L? | | | | |
| | 29.5 | m | 6 | 20 | | |
| 24 | 23 29 13 | P | - | | | |
| | 34 21 | S | | | 30.9 | |
| | 36.7 | L | | | | |
| | 39.5 | M1 | 188 | 20 | | |
| | 47.2 | M2 | 116 | 13 | | |
| 29 | 7 18 48 | i | s | | | |
| | 25 26 | e | s | | | |
| | 29 26 | e | vs | | | |
| | 43 25 | L | | | | |
| | 46.7 | M | 8 | 22 | | |

J. M. Baldwin
 J. M. Baldwin,
 Government Astronomer.

Small, undecipherable disturbances were recorded as follows:
 April 1d 15h; 3d 7h, 17h; 4d 10h; 12d 19h; 20d 6h, 11h; 24d 16h.
 May 1d 11h; 16d 4h; 17d 22h; 21d 15h.
 June 2d 5h, 10h; 3d 2h; 8d 0h; 25d 12h; 28d 2h; 29d 18h.

MELBOURNE OBSERVATORY
SOUTH YARRA S.E.1 VICTORIA.

Seismological
Bulletin No. 31

MILNE-SHAW SEISMOGRAPH No. 41 E-W COMPONENT.
Period 12 secs. Damping ratio 20 : 1 Tilt 1" = 42.6mm.

| Date | Universal Time | Phase | A | t | Remarks |
|---------------|----------------|-------|----|----|--------------------------------------|
| 1935 | h. m. s. | | s | s | |
| July 6 | 7 57 36 | i | s | | |
| | 58 23 | L | s | | |
| | 8 1.2 | M | 3 | 9 | |
| 6 | 22 4 0 | e | | | may be micros |
| | 4 34 | e | vs | | |
| | 6 24 | i | s | | |
| | 6 58 | i | s | | |
| | 9.3 | m | 6 | 10 | |
| 7 | 13 41 52 | i | s | | followed by very shallow waves. |
| 9 | 13 51 43 | eP | vs | | probably in Goulburn district N.S.W. |
| | 52 2 | S | | | |
| 9 | 21 19 8 | e | vs | | |
| | 22 27 | e | vs | | |
| | 29 40 | i | s | | |
| 11 | 13 21 24 | e | | | |
| | 26.5 | L | | | |
| | 30.0 | M | 12 | 20 | |
| 15 | 12 4 53 | eP | s | | 25.5 Jeffreys & Bullen's Tables |
| | 9 18 | eS | | | |
| | 9 31 | i | | | |
| | 11 43 | L | | | |
| | 12 51 | i | | | |
| | 29.0 | m | 5 | 4 | |
| 15 | 14 24 42 | i | s | | |
| | 28 7 | i | s | | |
| | 29 0 | i | s | | remainder quite insignificant. |
| 17 | 11 8 47 | i | s | | few long waves. |
| | 19 40 | e | | | |
| | 27 41 | L | | | |
| | 35.0 | M | 12 | 20 | |
| 19 | 1 10 50 | e | vs | | |
| | 11 1 | S | | | |
| | 11 43 | i | | | |
| | 15 43 | i | s | | |
| | 19 9 | i | s | | |
| | 22 17 | i | s | | |
| | 26 32 | L | | | |
| | 27.2 | M | 19 | 26 | |
| 29 | 7 45 13 | e | + | | reported as about 500 km deep by JSA |
| | 45 17 | iP | - | | C&GS am Wellington |
| | 46 41 | i | | | |
| | 47 42 | i | | | |
| | 48 52 | i | | | |

continued on next sheet

MELBOURNE OBSERVATORY

SOUTH YARRA S.E.1 VICTORIA.

Seismological Bulletin No. 31 contd.

| Date | Time | Phase | A | t | Δ | Remarks. |
|---------|----------|-------|------|-----|---|--|
| h m s | h m s | | μ | s | | |
| July 29 | 7 50 14 | IS | 200? | ? | | largest amplitude in record. next amplitude in size. surface waves not large |
| | 53 2 | i | | | | |
| | 55ca | L | | | | |
| -30 | 5 57 39 | c | s | | | |
| | 6 3 0 | L | | | | |
| | 7.8 | M | 32 | 17 | | |
| Aug. -3 | 1 20 23 | c | s | | | |
| | 20 31 | iP | - | | | |
| | 20 54 | i | s | | | |
| | 24 29 | i | s | | | |
| | 28 50 | S | + | | | |
| | 34 3 | i | | | | |
| | 38 10 | L | | | | |
| | 44.8 | M1 | 220 | 21 | | |
| | 49.4 | M2 | 171 | 18 | | |
| 6 | 13 5 52 | c | vs | | | |
| | 7 10 | L | s | | | |
| | 8.6 | M | 7 | 14 | | |
| 6 | 16 30.4 | c | vs | | | |
| | 33.0 | L | | | | |
| | 34.2 | M | 6 | 13 | | |
| -10 | 17 54 13 | c | vs | | | |
| | 59 44 | i | s | | | |
| 18 | 4 47 | c | s | | | |
| | 12 | L | | | | |
| | 13.7 | M | 5 | 17 | | |
| -17 | 1 50 23 | cP | | | | |
| | 50 30 | iP | + | | | |
| | 51 23 | m | 59 | 10 | | |
| | 54 32 | i | | | | |
| | 55 10 | S | | | | |
| | 57 20 | L | | | | |
| | 58.3 | M | 487? | 20? | | 28.3 from S - cP |
| 20 | 17 0 15 | c | vs | | | |
| | 4.3 | M | 5 | 17 | | |
| -21 | 13 56 33 | i | vs | | | |
| | 58 36 | i | s | | | |
| 14 | 6 30 | i | s | | | |
| | 11.7 | M | 5 | 15 | | |
| -23 | 10 29 18 | i | vs | | | |
| | 32 14 | i | s | | | |
| | 34 54 | i | s | | | |
| | 36 50 | L | | | | |
| | 39.4 | M | 5 | 14 | | |

MELBOURNE OBSERVATORY

SOUTH YARRA S.E.1 VICTORIA

Seismological Bulletin No. 31 contd.

| Date | Time | Phase | Δ | t | Remarks. |
|---------|----------|-------|----------|------------|-----------------------------|
| 1935 | h m s | | μ | $^{\circ}$ | |
| Aug. 23 | 7 0 | c | vs | | |
| | 14 8 | S | | | |
| | 17 47 | c | | | |
| | 20 56 | e | | | |
| | 23 50 | L | | | |
| | 30.4 | M | 40 | 19 | |
| 26 | 12 33 5 | e | vs | | |
| | 35.6 | L | | | |
| | 40.4 | M | 4 | 14 | |
| Sept. 2 | 7 30 15 | i | s | | obscured by micros. |
| | 35 40 | i | | | |
| 4 | 1 47 42 | e | vs | | |
| | 56 53 | i | s | | |
| | 57 22 | i | s | | |
| | 2 5 2 | i | s | | |
| | 8 7 | i | | | few waves of longer period. |
| | 10 49 | i | | | |
| 9 | 6 25 54 | eP | vs | | |
| | 26 34 | i | s | | |
| | 29 17 | i | | | |
| | 29 54 | i | | | |
| | 32 18 | S | | 43.0 | |
| | 32 51 | i | | | |
| | 35 42 | SS | | | |
| | 37 50 | L | | | |
| | 42.4 | M1 | 140 | 15 | |
| | 44.7 | M2 | 96 | 11 | |
| 11 | 11 51 52 | e | vs | | |
| | 53 9 | i | s | | |
| | 57 23 | i? | | | |
| | 12 1 30 | L | | | |
| | 3.8 | M | 32 | 17 | |
| 11 | 14 16 17 | e | vs | | |
| | 20 4 | e | | | |
| | 26 11 | e | | | |
| | 26 23 | i | | | |
| | 26 47 | i | | | |
| | 31 17 | i | | | |
| | 35 5 | i | | | |
| | 37 25 | e | | | two waves of longer period. |
| | 41.0 | L | | | |
| | 51.3 | M | 81 | 21 | |
| 15 | 6 31.3 | L | s | | |
| 15 | 11 22 14 | c | vs | | |
| | 27 5 | iS | | | |
| | 29 13 | L | | | |
| | 34.7 | M | 23 | 17 | |

MELBOURNE OBSERVATORY

SOUTH YARRA S.E.1 VICTORIA

Seismological Bulletin No. 31 contd.

| Date | Universal Time | | | Phase | Amplitude | | | Remarks |
|-----------------|----------------|------|-----|-------|-----------|----|---|---|
| | h | m | s | | μ | s | Δ | |
| 1935 Sept 15 | 14 | 29 | 12 | e | | | | |
| | | 31 | 45 | e | s | | | |
| | | 37 | 10 | i | | | | |
| | | 43 | 39 | i | s | | | |
| | | 46 | 56 | L | | | | |
| | | 49.3 | M | 33 | 22 | | followed by long train of very irregular waves. | |
| -19 | 2 | 38 | 0 | e | s | | | |
| | | 40 | 42 | L | | | | |
| | | 43.9 | M | 17 | 20 | | | |
| 20 | 1 | 53 | 30 | GP | | | | destructive in N.E. New Guinea. |
| | | 53 | 45 | IP | | | | |
| | | 56 | 17 | i | | | | |
| | | 58 | 50 | S | | | | some uncertainty in time owing to overlapping |
| | | 2 | 1.2 | L | | | | off paper from 5.5m to 13m. |
| | | m | | | | | | |
| 20 | 5 | 31 | 18 | IP | | | | previous still recording. |
| | | 38 | 20 | S | | | | |
| | | 37 | 20 | L | | | | |
| 20 | 13 | 9 | 7 | e | vs | | | |
| | | 10 | 37 | i | s | | | |
| | | 13.4 | M | 4 | 10 | | | |
| 20 | 20 | 18 | 42 | i | vs | | | |
| | | 22 | 50 | L | s | | | |
| | | 24.4 | M | 4 | 14 | | | |
| -20 | 21 | 13 | 19 | c | vs | | | |
| | | 13 | 50 | i | s | | | |
| | | 16 | 25 | i | | | | |
| | | 17 | 53 | i | | | | |
| | | 18 | 55 | i | | | | |
| | | 19 | 31 | L | | | | |
| | 24.2 | M | 68 | 16 | | | | |
| 20 | 21 | 51 | 40 | c | | | | previous still recording. |
| | | 54 | 2 | i | | | | |
| | | 55 | 28 | i | | | | |
| | | 57 | 0 | i | | | | |
| | | 58 | 0 | i | 20 | 11 | | main feature. |
| 21 | 12 | 58 | 41 | c | vs | | | |
| | | 59 | 35 | L | | | | |
| | | 13 | 2.7 | M | 5 | 10 | | |
| 21 | 13 | 16 | 43 | e | vs | | | |
| | | 20 | 4 | i | | | | |
| | | 22.2 | M | 3 | 10 | | | |
| 23 | 9 | 9 | 0 | e | vs | | | possibly only micro. |
| | | 14 | 30 | c | s | | | |
| | | 16 | 50 | c | s | | | |
| | | 18 | 59 | i | s | | | continued on next sheet |

MELBOURNE OBSERVATORY

SOUTH YARRA S.E.1 VICTORIA

Seismological Bulletin No. 31 contd.

| Date | Universal Time | | | Phase | A | t | Δ | Remarks |
|---------|----------------|------|----|-------|-----|----|------|---|
| | h | m | s | | | | | |
| Sept 23 | 19 | 33 | | L | 487 | 14 | | possibly beginning of larger disturbance. |
| | 20 | 33 | | i | | | | |
| | 21 | 58 | | i | | | | |
| | 22 | 48 | | i | | | | |
| | 27 | 43 | | i | | | | |
| | 30 | 33 | | i | | | | |
| | 32 | 57 | | i | | | | |
| | 33 | 27 | | L | | | | |
| | 39.3 | | M | | | | | |
| 24 | 5 | 13 | 11 | c | vs | | | |
| | | 13 | 31 | i | vs | | | |
| | | 15 | 40 | i | | | | |
| | | 16 | 34 | i | | | | |
| | | 17 | 43 | i | | | | |
| | | 19 | 11 | L | | | | |
| | 19.6 | | M | 22 | 7 | | | |
| 24 | 8 | 7 | 20 | L | | | | |
| | | 8.7 | | M | 5 | 12 | | |
| 25 | 10 | 32 | 12 | cP | | | | |
| | | 33 | 54 | i | | | | |
| | | 36 | 50 | S | | | 27.1 | |
| | | 37 | 57 | L | | | | |
| | | 42.0 | | M | 104 | 11 | | |
| 25 | 12 | 43 | 0 | i | s | | | |
| | | 47 | 24 | i | s | | | |
| | | 47 | 49 | i | | | | |
| | | 48 | 54 | i | | | | |
| | | 49 | 8 | L | | | | |
| | | 53.4 | | M | 28 | 10 | | |
| 26 | 22 | 32 | 33 | i | | | | |
| | | 37 | 43 | cL | | | | |
| | | 40.5 | | M | 5 | 10 | | |
| 27 | 3 | 39 | 26 | i | vs | | | |
| | | 50ca | | L | | | | no very distinct features. |
| 30 | 3 | 4 | 37 | c | vs | | | |
| | | 6 | 43 | i | vs | | | |

Small or insignificant disturbances were recorded as follows:-

July 3d; 22h; 5d 18h; 11d 7h; 16d 16h; 16d 20h; 17d 18h; 24d 3h, 5h;
 26d 11h; 29d 4h; 22h; 30d 11h; 31d 10h, 18h.
 Aug. 1d 14h; 3d 12h; 5d 13h; 9d 6h; 13d 8h; 25d 20h; 27d 11h; 28d 3h.
 Sept. 3d 23h; 18d 4h; 20d 13h, 14h, 15h; 21h; 21d 21h; 23d 13h, 15h;
 24d 4h, 13h, 23h.

Small or very small movements are shown by s or vs respectively.

J. M. Buldwin.
 Government Astronomer.

MELBOURNE OBSERVATORY

SOUTH YARRA S.E. VICTORIA.

Seismological
Bulletin No. 32

Milne-Shaw Seismograph No. 41 E-W Component.

Period 12 secs. Damping ratio 20% Filt 1st = 41.3mm.

Universal

| Date | Time | Phase | A | t | Δ | Remarks |
|--------|----------|-------|-----|----|------|---------------------------------------|
| 1935 | h m s | | μ | s | ° | |
| Oct. 2 | 5 51 23 | i | vs | | | |
| | 55 14 | S | | | | |
| | 6 0 27 | SS | | | | |
| | 9.5 | L | | | | |
| | 17.5 | M | 10 | 22 | | |
| 4 | 5 15 33 | e | vs | | | |
| | 17 36 | e | s | | | |
| | 19 20 | L | | | | |
| | 20.8 | M | 6 | 20 | | |
| 4 | 5 30 0 | i | s | | | only outstanding phase |
| | 39 13 | i | s | | | |
| 6 | 4 41 50 | P | s | | | |
| | 42 24 | i | s | | | |
| | 44 35 | i | s | | | |
| | 46 26 | S | | | | |
| | 46.9 | m | 12 | 12 | 26.8 | (Jeffrey's & Bullen) |
| | 49 17 | L | | | | |
| | 56.5 | M | 25 | 15 | | |
| 11 | 22 24 45 | e | vs | | | hardly distinguishable from micros. |
| | 28.7 | iS | | | | |
| | 30 20 | L | | | | |
| | 31 9 | i | | | | few waves of much longer period |
| | 36.4 | M | 185 | 14 | | |
| 12 | 17 7 6 | S | | | | |
| | 12 30 | e | | | | |
| | 19 25 | L | | | | long period waves for about 5 mins. |
| | 21.4 | m | 24 | 30 | | |
| 18 | 0 33 45 | e | vs | | | any earlier movement hidden by micros |
| | 34 0 | S | | | | |
| | 38 53 | i | s | | | |
| | 39 20 | i | s | | | |
| | 45 45 | L | | | | |
| | 50.4 | M | 18 | 25 | | surface waves of small amplitude |
| 18 | 2 45.5 | L | | | | |
| | 57.5 | M | 5 | 15 | | |
| 18 | 11 14 45 | P | | | | |
| | 16 48 | PP | | | | |
| | 21 40 | S | | | 47.8 | |
| | 25 29 | SS | | | | |
| | 28 48 | L | | | | |
| | 33.6 | M | 47 | 16 | | |
| 25 | 0 0 22 | e | vs | | | |
| | 4 24 | i | s | | | |
| | 7 43 | i | | | | |
| | 8 39 | L | | | | |
| | 12.3 | M | 15 | 15 | | |

Seismological
Bulletin No. 3 contd.

MELBOURNE OBSERVATORY
SOUTH YARRA S.E.1 VICTORIA.

| Date | Universal Time | Phase | A | t | Δ | Remarks |
|---------|----------------|-------|-------|----|----------|--------------------------------------|
| 1935 | h m s | | μ | s | o | |
| Nov. 16 | 42 38 | i | s | | | |
| | 47 0 | c | | | | |
| | 50 33 | i | | | | |
| | 55.2 | L | | | | |
| 17 | 10.7 | M | 25 | 20 | | |
| 4 | 11 23 15 | c | vs | | | |
| | 26.3 | M | 8 | 12 | | |
| 5 | 9 40 46 | c | vs | | | |
| | 45 10 | i | s | | | |
| | 47 26 | L | | | | |
| | 48.2 | M | 12 | 11 | | |
| 5 | 21 12 52 | i | s | | | |
| | 16 10 | i | | | | main feature of train |
| | 26.4 | L | | | | all amplitudes small |
| 6 | 1 57 14 | c | vs | | | |
| | 2 0 54 | c | vs | | | |
| 7 | 20 50 43 | S | | | | |
| | 51 33 | L | | | | |
| | 56.5 | M | 7 | 10 | | |
| 8 | 20 18 43 | S | | | | |
| | 20 22 | L | | | | |
| | 21.3 | M | 8 | 9 | | |
| 11 | 3 13 0 | L | s | | | |
| | 13.5 | M | 2 | 20 | | |
| 11 | 7 54 31 | c | vs | | | |
| | 58.4 | m | 2 | 10 | | |
| 11 | 13 24 8 | c | | | | |
| | 26 32 | c | | | | |
| | 27 54 | L | | | | |
| | 32.3 | M | 14 | 13 | | |
| 12 | 21 46 45 | i | s | | | only perceptible owing to absence of |
| | 54 37 | i | vs | | | micros |
| | 56.7 | L | vs | | | |
| | 22 2.7 | M | 12 | 25 | | |
| 14 | 19 55 0 | c | vs | | | possibly micro. |
| | 20 3 28 | c | vs | | | |
| | 4 55 | i | vs | | | |
| | 8 34 | i | s | | | |
| | 10 10 | L | | | | |
| | (11 ca | | | | | three waves of much longer period) |
| | 13.6 | M | 67 | 25 | | |

Date 1935 Time Phase A t Δ remarks
 nov. 17 7 49.5 c small and obscured by micros.
 53 8 i
 55 8 i
 56 52 L
 8 1.5 M 15 12

25 10 13 42 1P vs only perceptible owing to absence
 22 28 1S s 65.8% of micros
 23 38 i
 34.5? L
 49.8 M 16 17

29 18 35 33 c vs
 40.2 L vs

30 4 2 30 i vs
 45.8 L
 50.7 M 4 16
 56.8 L
 59.5 M 6 18

Dec. 5 17 58 14 c vs
 59 47 i vs
 18 4 15 i
 7 15 i
 8 7 i
 9 32 L
 11.2 M 18 20

6 11 52 35 e vs
 54.6 L
 56.8 M 3 12

8 21 58 18 i vs
 22 8 13 e vs
 16 8 L s

9 7 28 18 P
 31 59 S
 32.3 n 43 14
 33.5 L
 34.3 M 28 12

12 6 13 33 e vs
 14 30 L s

14 1 52 13 e vs
 56 43 i vs
 2 3 54 i
 7 20 i
 12 0 i s

main feature
 remainder insignificant.

1 22 26 17 i vs
 31 25 i s
 42 57 e
 43 23 i
 main feature

Seismological
Bulletin No. 32 contd

MELBOURNE OBSERVATORY

SOUTH YARRA S.E.1

| Date | Universal Time | Phase | Δ | t | Δ | Remarks |
|---------|----------------|-------|----------|-----|----------|---|
| 1935 | h m s | | μ | s | ° | |
| Dec. 14 | 22 46 3 | i | | | | |
| | 48 42 | i | | | | |
| | 23 2 20 | L | | | | all succeeding amplitudes less than at 43m |
| | 24 6 | L | | | | |
| 15 | 7 14 13 | eP | | | | |
| | 14 29 | iP | | | | |
| | 19 12 | S | | | | 30.0 |
| | 19 44 | i | | | | |
| | 21 30 | L | | | | |
| | 24m - 26m- | | | | | record off paper |
| 15 | 19 17 22 | e | vs | | | |
| | 19 59 | i | | | | |
| | 21 0 | L | | | | |
| | 23 | M | 9 | 11 | | |
| 16 | 6 22 25 | e | vs | | | |
| | 25.5 | L | | | | |
| 17 | 13 23 13 | e | vs | | | |
| | 28 19 | i | s | | | |
| | 32.5 | L | | | | |
| | 35.5 | M | 23 | 11 | | |
| 17 | 19 28 11 | i | vs | | | |
| | 36 23 | i | | | | |
| | 43 23 | i | | | | |
| | 45.6 | L | | | | |
| | 48.8 | M | 66 | 26 | | |
| 18 | 11 42 54 | i | | | | |
| | 44 5 | L | | | | |
| | 47.1 | M | 8 | 12 | | |
| 20 | 18 43 23 | iP | | | | |
| | 48 22 | S | | | | 30.0 |
| | 51 0 | L | | | | |
| | 55.9 | M | 132 | 12 | | |
| 22 | 16 53 - 23 35 | | | | | record lost; stoppage of clock. |
| 24 | 13 2 48 | e | vs | | | |
| | 27 0 | L | | | | |
| | 40.4 | M | 6 | 15 | | |
| 25 | 3 25 17 | e | vs | | | |
| | 28.4 | L | | | | |
| | 31.7 | M | 6 | 20 | | |
| 26 | 5 40 25 | e | vs | | | |
| | 43 58 | e | vs | | | |
| | 50.5 | L | | | | |
| | 53.2 | M | 6 | 15 | | |

Seismological
Bulletin No. 32 contd

MELBOURNE OBSERVATORY
SOUTH YARRA S.E.1 VICTORIA.

| Date | Universal Time | | | Phase | Δ μ | t s | Δ ° | remarks |
|---------------|----------------|-------|---|-------|--------|--------|--------|-------------------|
| | h | m | s | | | | | |
| 1935 | | | | | | | | |
| Dec. 26 | 10 | 50.9 | | L | | | | |
| | | 51.4 | | M | 3 | 14 | | |
| 26 | 20 | 12 35 | | c | vs | | | |
| | | 17 14 | | i | | | | |
| | | 19 41 | | i | s | | | |
| | | 20 56 | | L | | | | |
| | | 23.5 | | M | 18 | 13 | | |
| 27 | 15 | 47.4 | | c | vs | | | |
| | | 50.6 | | M | 3 | 14 | | |
| 28 | 2 | 45 11 | | GP | + | | | |
| | | 45 20 | | i | - | | | |
| | | 47 40 | | PP | | | | |
| | | 53 2 | | S | - | | 56.8 | |
| | | 56 56 | | SS | | | | |
| | 3 | 4 30 | | L | | | | |
| | | 6.5m | | - 1lm | | | | record off paper. |
| 29 | 3 | 57 31 | | c | vs | | | |
| | 4 | 9.5 | | L | | | | |
| | | 14.5 | | M | 7 | 22 | | |
| 29 | 23 | 44 34 | | iP | - | | | |
| | | 46 13 | | i | | | | |
| | | 50 18 | | S | + | | 36.8 | |
| | | 50.5 | | M | 42 | 12 | | |
| | | 52 0 | | i | | | | |
| | | 53 2 | | i | | | | |
| | | 56.5 | | L | | | | |
| | | 58.0 | | M | 256 | 16 | | |
| 30 | 1 | 28 18 | | c | vs | | | |
| | | 41.5 | | L | | | | |
| 30 | 6 | 22 35 | | i | s | | | |
| | | 29 47 | | i | | | | |
| | | 33.7 | | M | 3 | 13 | | |
| 30 | 23 | 38 30 | | c | vs | | | |
| | | 42ca | | L | | | | |
| | | 47.5 | | M | 6 | 13 | | |
| 31 | 1 | 45 32 | | i | vs | | | |
| | | 55ca | | L | | | | |
| | 2 | 1.2 | | M | 7 | 20 | | |

Small and insignificant disturbances were recorded as follows:-
 Oct. 2d 12h, 19h; 10d 12h, 15h, 20h; 15d 1h; 17d 15h; 18d 15h; 20d 9h; 31d 23h.
 Nov. 6d 0h; 9d 5h; 11d 12h; 13d 23h; 19d 6h; 22d 10h; 23d 8h; 26d 18h.
 Dec. 4d 9h; 7d 12h; 16d 11h; 18d 7h; 21d 9h; 28d 17h.

J. M. Baldwin.
 J. M. Baldwin,
 Government Astronomer.

SEISMOLOGICAL OBSERVATORY
 SOUTH Y.B.S. 8.2.1 VICTORIA

Seismological
 Station No. 32001
 Victoria

| Date | Time | Phase | M | W | N | Remarks |
|--------|---------|-------|---|----|---|---------|
| Dec 26 | 10 30.0 | I | 3 | 14 | | |
| | 10 31.4 | I | | | | |
| | 10 32.8 | I | | | | |
| | 10 34.2 | I | | | | |
| | 10 35.6 | I | | | | |
| | 10 37.0 | I | | | | |
| | 10 38.4 | I | | | | |
| | 10 39.8 | I | | | | |
| | 10 41.2 | I | | | | |
| | 10 42.6 | I | | | | |
| | 10 44.0 | I | | | | |
| | 10 45.4 | I | | | | |
| | 10 46.8 | I | | | | |
| | 10 48.2 | I | | | | |
| | 10 49.6 | I | | | | |
| | 10 51.0 | I | | | | |
| | 10 52.4 | I | | | | |
| | 10 53.8 | I | | | | |
| | 10 55.2 | I | | | | |
| | 10 56.6 | I | | | | |
| | 10 58.0 | I | | | | |
| | 10 59.4 | I | | | | |
| | 11 00.8 | I | | | | |
| | 11 02.2 | I | | | | |
| | 11 03.6 | I | | | | |
| | 11 05.0 | I | | | | |
| | 11 06.4 | I | | | | |
| | 11 07.8 | I | | | | |
| | 11 09.2 | I | | | | |
| | 11 10.6 | I | | | | |
| | 11 12.0 | I | | | | |
| | 11 13.4 | I | | | | |
| | 11 14.8 | I | | | | |
| | 11 16.2 | I | | | | |
| | 11 17.6 | I | | | | |
| | 11 19.0 | I | | | | |
| | 11 20.4 | I | | | | |
| | 11 21.8 | I | | | | |
| | 11 23.2 | I | | | | |
| | 11 24.6 | I | | | | |
| | 11 26.0 | I | | | | |
| | 11 27.4 | I | | | | |
| | 11 28.8 | I | | | | |
| | 11 30.2 | I | | | | |
| | 11 31.6 | I | | | | |
| | 11 33.0 | I | | | | |
| | 11 34.4 | I | | | | |
| | 11 35.8 | I | | | | |
| | 11 37.2 | I | | | | |
| | 11 38.6 | I | | | | |
| | 11 40.0 | I | | | | |
| | 11 41.4 | I | | | | |
| | 11 42.8 | I | | | | |
| | 11 44.2 | I | | | | |
| | 11 45.6 | I | | | | |
| | 11 47.0 | I | | | | |
| | 11 48.4 | I | | | | |
| | 11 49.8 | I | | | | |
| | 11 51.2 | I | | | | |
| | 11 52.6 | I | | | | |
| | 11 54.0 | I | | | | |
| | 11 55.4 | I | | | | |
| | 11 56.8 | I | | | | |
| | 11 58.2 | I | | | | |
| | 11 59.6 | I | | | | |
| | 12 01.0 | I | | | | |
| | 12 02.4 | I | | | | |
| | 12 03.8 | I | | | | |
| | 12 05.2 | I | | | | |
| | 12 06.6 | I | | | | |
| | 12 08.0 | I | | | | |
| | 12 09.4 | I | | | | |
| | 12 10.8 | I | | | | |
| | 12 12.2 | I | | | | |
| | 12 13.6 | I | | | | |
| | 12 15.0 | I | | | | |
| | 12 16.4 | I | | | | |
| | 12 17.8 | I | | | | |
| | 12 19.2 | I | | | | |
| | 12 20.6 | I | | | | |
| | 12 22.0 | I | | | | |
| | 12 23.4 | I | | | | |
| | 12 24.8 | I | | | | |
| | 12 26.2 | I | | | | |
| | 12 27.6 | I | | | | |
| | 12 29.0 | I | | | | |
| | 12 30.4 | I | | | | |
| | 12 31.8 | I | | | | |
| | 12 33.2 | I | | | | |
| | 12 34.6 | I | | | | |
| | 12 36.0 | I | | | | |
| | 12 37.4 | I | | | | |
| | 12 38.8 | I | | | | |
| | 12 40.2 | I | | | | |
| | 12 41.6 | I | | | | |
| | 12 43.0 | I | | | | |
| | 12 44.4 | I | | | | |
| | 12 45.8 | I | | | | |
| | 12 47.2 | I | | | | |
| | 12 48.6 | I | | | | |
| | 12 50.0 | I | | | | |
| | 12 51.4 | I | | | | |
| | 12 52.8 | I | | | | |
| | 12 54.2 | I | | | | |
| | 12 55.6 | I | | | | |
| | 12 57.0 | I | | | | |
| | 12 58.4 | I | | | | |
| | 12 59.8 | I | | | | |
| | 13 01.2 | I | | | | |
| | 13 02.6 | I | | | | |
| | 13 04.0 | I | | | | |
| | 13 05.4 | I | | | | |
| | 13 06.8 | I | | | | |
| | 13 08.2 | I | | | | |
| | 13 09.6 | I | | | | |
| | 13 11.0 | I | | | | |
| | 13 12.4 | I | | | | |
| | 13 13.8 | I | | | | |
| | 13 15.2 | I | | | | |
| | 13 16.6 | I | | | | |
| | 13 18.0 | I | | | | |
| | 13 19.4 | I | | | | |
| | 13 20.8 | I | | | | |
| | 13 22.2 | I | | | | |
| | 13 23.6 | I | | | | |
| | 13 25.0 | I | | | | |
| | 13 26.4 | I | | | | |
| | 13 27.8 | I | | | | |
| | 13 29.2 | I | | | | |
| | 13 30.6 | I | | | | |
| | 13 32.0 | I | | | | |
| | 13 33.4 | I | | | | |
| | 13 34.8 | I | | | | |
| | 13 36.2 | I | | | | |
| | 13 37.6 | I | | | | |
| | 13 39.0 | I | | | | |
| | 13 40.4 | I | | | | |
| | 13 41.8 | I | | | | |
| | 13 43.2 | I | | | | |
| | 13 44.6 | I | | | | |
| | 13 46.0 | I | | | | |
| | 13 47.4 | I | | | | |
| | 13 48.8 | I | | | | |
| | 13 50.2 | I | | | | |
| | 13 51.6 | I | | | | |
| | 13 53.0 | I | | | | |
| | 13 54.4 | I | | | | |
| | 13 55.8 | I | | | | |
| | 13 57.2 | I | | | | |
| | 13 58.6 | I | | | | |
| | 13 60.0 | I | | | | |

1 second old paper

Small and insignificant disturbances were recorded as follows:-
 Dec 26 12h 12m 12s; 12h 13m 12s; 12h 14m 12s; 12h 15m 12s; 12h 16m 12s; 12h 17m 12s; 12h 18m 12s; 12h 19m 12s; 12h 20m 12s; 12h 21m 12s; 12h 22m 12s; 12h 23m 12s; 12h 24m 12s; 12h 25m 12s; 12h 26m 12s; 12h 27m 12s; 12h 28m 12s; 12h 29m 12s; 12h 30m 12s; 12h 31m 12s; 12h 32m 12s; 12h 33m 12s; 12h 34m 12s; 12h 35m 12s; 12h 36m 12s; 12h 37m 12s; 12h 38m 12s; 12h 39m 12s; 12h 40m 12s; 12h 41m 12s; 12h 42m 12s; 12h 43m 12s; 12h 44m 12s; 12h 45m 12s; 12h 46m 12s; 12h 47m 12s; 12h 48m 12s; 12h 49m 12s; 12h 50m 12s; 12h 51m 12s; 12h 52m 12s; 12h 53m 12s; 12h 54m 12s; 12h 55m 12s; 12h 56m 12s; 12h 57m 12s; 12h 58m 12s; 12h 59m 12s; 13h 00m 12s; 13h 01m 12s; 13h 02m 12s; 13h 03m 12s; 13h 04m 12s; 13h 05m 12s; 13h 06m 12s; 13h 07m 12s; 13h 08m 12s; 13h 09m 12s; 13h 10m 12s; 13h 11m 12s; 13h 12m 12s; 13h 13m 12s; 13h 14m 12s; 13h 15m 12s; 13h 16m 12s; 13h 17m 12s; 13h 18m 12s; 13h 19m 12s; 13h 20m 12s; 13h 21m 12s; 13h 22m 12s; 13h 23m 12s; 13h 24m 12s; 13h 25m 12s; 13h 26m 12s; 13h 27m 12s; 13h 28m 12s; 13h 29m 12s; 13h 30m 12s; 13h 31m 12s; 13h 32m 12s; 13h 33m 12s; 13h 34m 12s; 13h 35m 12s; 13h 36m 12s; 13h 37m 12s; 13h 38m 12s; 13h 39m 12s; 13h 40m 12s; 13h 41m 12s; 13h 42m 12s; 13h 43m 12s; 13h 44m 12s; 13h 45m 12s; 13h 46m 12s; 13h 47m 12s; 13h 48m 12s; 13h 49m 12s; 13h 50m 12s; 13h 51m 12s; 13h 52m 12s; 13h 53m 12s; 13h 54m 12s; 13h 55m 12s; 13h 56m 12s; 13h 57m 12s; 13h 58m 12s; 13h 59m 12s; 14h 00m 12s; 14h 01m 12s; 14h 02m 12s; 14h 03m 12s; 14h 04m 12s; 14h 05m 12s; 14h 06m 12s; 14h 07m 12s; 14h 08m 12s; 14h 09m 12s; 14h 10m 12s; 14h 11m 12s; 14h 12m 12s; 14h 13m 12s; 14h 14m 12s; 14h 15m 12s; 14h 16m 12s; 14h 17m 12s; 14h 18m 12s; 14h 19m 12s; 14h 20m 12s; 14h 21m 12s; 14h 22m 12s; 14h 23m 12s; 14h 24m 12s; 14h 25m 12s; 14h 26m 12s; 14h 27m 12s; 14h 28m 12s; 14h 29m 12s; 14h 30m 12s; 14h 31m 12s; 14h 32m 12s; 14h 33m 12s; 14h 34m 12s; 14h 35m 12s; 14h 36m 12s; 14h 37m 12s; 14h 38m 12s; 14h 39m 12s; 14h 40m 12s; 14h 41m 12s; 14h 42m 12s; 14h 43m 12s; 14h 44m 12s; 14h 45m 12s; 14h 46m 12s; 14h 47m 12s; 14h 48m 12s; 14h 49m 12s; 14h 50m 12s; 14h 51m 12s; 14h 52m 12s; 14h 53m 12s; 14h 54m 12s; 14h 55m 12s; 14h 56m 12s; 14h 57m 12s; 14h 58m 12s; 14h 59m 12s; 15h 00m 12s; 15h 01m 12s; 15h 02m 12s; 15h 03m 12s; 15h 04m 12s; 15h 05m 12s; 15h 06m 12s; 15h 07m 12s; 15h 08m 12s; 15h 09m 12s; 15h 10m 12s; 15h 11m 12s; 15h 12m 12s; 15h 13m 12s; 15h 14m 12s; 15h 15m 12s; 15h 16m 12s; 15h 17m 12s; 15h 18m 12s; 15h 19m 12s; 15h 20m 12s; 15h 21m 12s; 15h 22m 12s; 15h 23m 12s; 15h 24m 12s; 15h 25m 12s; 15h 26m 12s; 15h 27m 12s; 15h 28m 12s; 15h 29m 12s; 15h 30m 12s; 15h 31m 12s; 15h 32m 12s; 15h 33m 12s; 15h 34m 12s; 15h 35m 12s; 15h 36m 12s; 15h 37m 12s; 15h 38m 12s; 15h 39m 12s; 15h 40m 12s; 15h 41m 12s; 15h 42m 12s; 15h 43m 12s; 15h 44m 12s; 15h 45m 12s; 15h 46m 12s; 15h 47m 12s; 15h 48m 12s; 15h 49m 12s; 15h 50m 12s; 15h 51m 12s; 15h 52m 12s; 15h 53m 12s; 15h 54m 12s; 15h 55m 12s; 15h 56m 12s; 15h 57m 12s; 15h 58m 12s; 15h 59m 12s; 16h 00m 12s; 16h 01m 12s; 16h 02m 12s; 16h 03m 12s; 16h 04m 12s; 16h 05m 12s; 16h 06m 12s; 16h 07m 12s; 16h 08m 12s; 16h 09m 12s; 16h 10m 12s; 16h 11m 12s; 16h 12m 12s; 16h 13m 12s; 16h 14m 12s; 16h 15m 12s; 16h 16m 12s; 16h 17m 12s; 16h 18m 12s; 16h 19m 12s; 16h 20m 12s; 16h 21m 12s; 16h 22m 12s; 16h 23m 12s; 16h 24m 12s; 16h 25m 12s; 16h 26m 12s; 16h 27m 12s; 16h 28m 12s; 16h 29m 12s; 16h 30m 12s; 16h 31m 12s; 16h 32m 12s; 16h 33m 12s; 16h 34m 12s; 16h 35m 12s; 16h 36m 12s; 16h 37m 12s; 16h 38m 12s; 16h 39m 12s; 16h 40m 12s; 16h 41m 12s; 16h 42m 12s; 16h 43m 12s; 16h 44m 12s; 16h 45m 12s; 16h 46m 12s; 16h 47m 12s; 16h 48m 12s; 16h 49m 12s; 16h 50m 12s; 16h 51m 12s; 16h 52m 12s; 16h 53m 12s; 16h 54m 12s; 16h 55m 12s; 16h 56m 12s; 16h 57m 12s; 16h 58m 12s; 16h 59m 12s; 17h 00m 12s; 17h 01m 12s; 17h 02m 12s; 17h 03m 12s; 17h 04m 12s; 17h 05m 12s; 17h 06m 12s; 17h 07m 12s; 17h 08m 12s; 17h 09m 12s; 17h 10m 12s; 17h 11m 12s; 17h 12m 12s; 17h 13m 12s; 17h 14m 12s; 17h 15m 12s; 17h 16m 12s; 17h 17m 12s; 17h 18m 12s; 17h 19m 12s; 17h 20m 12s; 17h 21m 12s; 17h 22m 12s; 17h 23m 12s; 17h 24m 12s; 17h 25m 12s; 17h 26m 12s; 17h 27m 12s; 17h 28m 12s; 17h 29m 12s; 17h 30m 12s; 17h 31m 12s; 17h 32m 12s; 17h 33m 12s; 17h 34m 12s; 17h 35m 12s; 17h 36m 12s; 17h 37m 12s; 17h 38m 12s; 17h 39m 12s; 17h 40m 12s; 17h 41m 12s; 17h 42m 12s; 17h 43m 12s; 17h 44m 12s; 17h 45m 12s; 17h 46m 12s;