

21921 -4 SEPT. 1946

JANUARY, 1941

SYDNEY OBSERVATORY

Milne Seismograph E - W Component
 Constants B.P. = 18s D V. 1mm = 0".38.

| Date | Phase | U.T. | A | △ | Remarks |
|---------|-------------------------------|--|-----|-----|------------------------------------|
| 1941 | | h. m. s. | mms | | |
| Jan. 1 | e e M | 12 37.1 42.9 47.0 | 0.5 | | |
| Jan. 5 | iP iS eSS eL M | 18 55 21 19 01 42 05 12 19 07.6 11.0 | 0.7 | | |
| Jan. 6 | e M | 5 13.3 18.5 | 0.4 | | |
| Jan. 11 | e e eL M | 2 56 12 3 00 36 3 03.2 3 04.2 | 0.3 | | |
| Jan. 13 | eP i iS eL | 16 33 39 35 09 38 45 41.6 | | 30° | Swing to steps from 16.44 to 16.47 |
| Jan. 19 | e M | 4 07.2 14.4 | 0.2 | | |
| Jan. 19 | e eL M | 13 59.00 14 02.0 03.8 | 0.3 | | |
| Jan. 21 | e M | 6 23.5 26.6 | 0.2 | | |
| Jan. 23 | e M | 5 24.6 31.8 | 0.2 | | |
| Jan. 24 | e M | 19 43.2 47.2 | 0.3 | | |
| Jan. 28 | Recording drum clock stopped. | | | | |
| Jan. 31 | e e e M | 2 46 00 50 09 52 39 57.6 | 0.6 | | |

FEBRUARY, 1941

SYDNEY OBSERVATORY

Milne Seismograph E - W Component.

Constants B.P. = 18s D.V. 1mm = 0".38

| Date | Phase | U. T. | A | ∠ | Remarks |
|---|--------------------------------|---|-----|---|---------------------|
| 1941 | | h. m. s. | mms | | |
| Feb. 4 | e i M | 14 12.0 17 51 18.2 | 0.5 | | |
| Feb. 5 | e M | 23 26.0 32.2 | 0.3 | | |
| Feb. 8 | eP eS eL M | 18 54 30 19 01 12 19 08.4 17.5 | 0.4 | | |
| Feb. 9 | e e e eL M | 19 25 48 19 26 48 30 36 33.8 36.4 | 2.4 | | |
| Feb. 11 | eL H | 15 37 54 | 0.2 | | Microseisms precede |
| Feb. 14 | Driving clock stopped 10h 40m. | | | | |
| Feb. 15 | eL H | 4 02 5.5 | 0.2 | | |
| Feb. 22 | Driving clock stopped at 14h | | | | |
| Feb. 23 | Driving clock stopped at 14h | | | | |
| Feb. 25 | e eS eL M | 5 44 10 50 00 53.0 59.5 | 5.1 | | |
| Driving clock stopped on February 27 and February 28. | | | | | |

SYDNEY OBSERVATORY

MARCH, 1941

Milne Seismograph E - W Component.

Constants B.P. = 18s D.V. 1mm = 0".38.

| Date 1941 | Phase | U. T. | | | A | △ | Remarks |
|--------------|-------|-------|------|----|-----|---|---------|
| | | H. | M. | S. | | | |
| March 2 | e | 11 | 58.0 | | | | |
| | eL | 12 | 03.4 | | | | |
| | M | | 14.8 | | 0.4 | | |
| March 20 | e | 17 | 04 | ca | | | |
| | M | 17 | 08 | | 0.1 | | |
| March 28 | eP | 22 | 36 | 00 | | | |
| | eS | | 40 | 12 | | | |
| | eL | | 42.9 | | | | |
| | M | | 44.2 | | 0.7 | | |

APRIL, 1941

SYDNEY OBSERVATORY

Milne Seismograph E - W Component.

Constants B.P. = 18s D.V. 1mm = 0".38.

| Date 1941 | Phase | U. T. | | | A | △ | Remarks |
|--------------|-------|-------|-------|----|-----|---|--|
| | | h. | m. | s. | | | |
| April 2 | e | 15 | 50.8 | | | | |
| | e | | 55.5 | | | | |
| | H | | 57.4 | | 0.2 | | |
| April 3 | e | 15 | 40.9 | | | | |
| | e | | 49.2 | | | | |
| | M | | 50.8 | | 0.4 | | |
| April 6 | e | 8 | 58.8 | | | | |
| | e | 9 | 2.6 | | | | |
| | M | | 3.7 | | 0.2 | | |
| April 8 | e | 12 | 54.3 | | | | |
| | e | | 58.8 | | | | |
| | M | 13 | 01.0 | | 0.3 | | |
| April 15 | eP | 3 | 57 | 57 | | | |
| | eS | 4 | 02 | 18 | | | |
| | eL | | 4.3 | | | | |
| | M | | 5.2 | | 0.3 | | |
| April 15 | eP | 19 | 27 | 45 | | | |
| | e | | 35 | 21 | | | |
| | iS | | 38 | 42 | | | |
| | eL | | 59.0 | | | | |
| | H | 20 | 16.0 | | 2.0 | | |
| April 18 | e | 6 | 18.2 | | | | |
| | e | | 23.0 | | | | |
| | M | | 28.3 | | 0.2 | | |
| April 18 | e | 13 | 53.0 | | | | |
| | M | | 58.0 | | 0.2 | | |
| April 20 | e | 12 | 16 | ca | | | |
| | M | 12 | 19.6 | | 0.2 | | |
| April 21 | e | 3 | 34.2 | | | | |
| | H | | 39.5 | | 0.2 | | |
| April 21 | e | 22 | 37.00 | | | | Beginning lost while changing paper |
| | eL | | 40.0 | | | | |
| | M | | 42.7 | | 0.3 | | |
| April 27 | e | 15 | 5.5ca | | | | |
| | M | | 8.3 | | 0.2 | | |
| April 29 | e | | 46.3 | | | | |
| | i | | 53 | 58 | | | |
| | M | | 54.7 | | 1.2 | | |

MAY, 1941

SYDNEY OBSERVATORY

Milne Seismograph E - W Component

Constants B.P. = 18s D.▼. 1mm = 0".38

| Date 1941 | Phase | U.T. | | | A | △ | Remarks |
|--------------|--|------|-------|------|---|-----|---------------------|
| | | h. | m. | s. | | | |
| May 1 | e | 19 | 50.8 | | | | |
| | e | | 56 42 | | | | |
| | M | | 58.0 | 0.3 | | | |
| 2 | eP | 10 | 1.8 | | | | |
| | eS | | 5 42 | | | | |
| | eL | | 9.0 | | | | |
| | M | | 11.2 | 0.5 | | | |
| 4 | Beginning lost in changing of record paper | | | | | | |
| | eS | 22 | 13.7 | | | | |
| | eL | | 15.6 | | | | |
| | M | | 16.6 | 1.5 | | | |
| 4 | e | 23 | 29.9 | | | | |
| | eL | | 32.2 | | | | |
| | M | | 32.9 | 0.4 | | | |
| 7 | eP | 12 | 24 30 | | | | |
| | eS | | 28 18 | | | | |
| | eL | | 31 4 | | | | |
| | M | | 33.0 | 0.4 | | | |
| 8 | e | 10 | 29 12 | | | | |
| | e | | 31 57 | | | | |
| | M | | 32.3 | 0.3 | | | |
| 9 | eP | 5 | 42 15 | | | 55° | |
| | eS | | 49 54 | | | | |
| | eSSS | | 54.7 | | | | |
| | eL | | 58.1 | | | | |
| | M | 6 | 05.1 | 0.5 | | | |
| 16 | e | 7 | 36.3 | | | | |
| | eL | | 54.8 | | | | |
| | M | 8 | 1.5 | 0.3 | | | |
| 17 | iP | 2 | 30 33 | | | 27° | |
| | i | | 33 00 | | | | |
| | iS | | 35 12 | | | | |
| | L | | 38.0 | | | | |
| | M | | 43.9 | 13.0 | | | |
| 18 | e | 11 | 22.0 | | | | |
| | M | | 28.5 | 0.2 | | | |
| 24 | e | 5 | 27 57 | | | | Microseisms present |
| | i | | 29 45 | | | | |
| | M | | 30.5 | 2.6 | | | |
| 26 | e | 20 | 51.5 | | | | |
| | M | | 55.0 | 0.2 | | | |
| 29 | e | 11 | 21 57 | | | | |
| | e | | 26 03 | | | | |

voir note en joint

SYDNEY OBSERVATORY

| Date 1941 | Phase | U. T. | A | △ | Remarks |
|------------------|-------|---------|-----|---|---------|
| | | h. m. s | mms | | |
| May 29 (Cont) | eL | 28.0 | | | |
| | M | 30.3 | 2.8 | | |
| 30 | e | 17 41.4 | | | |
| | M | 50.3 | 0.5 | | |

JUNE, 1941

| | | | | | |
|--------|---|----------|-----|-----|--|
| June 3 | Recording light failed out for 16 hours | | | | |
| 11 | e | 10 30.1 | | | |
| | M | 37.0 | 0.2 | | |
| 18 | Recording light failed out for 18 hours | | | | |
| 20 | e | 8 44.5 | | | |
| | M | 8 50.5 | 0.2 | | |
| 23 | e | 5 57.8 | | | |
| | M | 6 06.1 | 0.1 | | |
| 23 | e | 9 36.0 | | | |
| | e | 43.2 | | | |
| | M | 55.9 | 0.3 | | |
| 24 | e | 3 57.5 | | | |
| | M | 4 02.6 | 0.2 | | |
| 26 | iP | 03 24 | 0.5 | 72° | |
| | i | 8 06 | | | |
| | iS | 12 48 | 4.5 | | |
| | iSS | 20 36 | | | |
| | L | 22.0 | | | |
| 27 | iP | 7 59 12 | | 16° | |
| | eS | 2 06 | | | |
| | i | 3 15 | | | |
| | L | 4.4 | | | |
| | M | 5.0 | 7.0 | | |
| 27 | e | 14 05.2 | | | |
| | M | 13.0 | 0.2 | | |
| 29 | eL | 5 54.0 | | | |
| | M | 57.2 | 0.2 | | |
| 29 | e | 22 11 15 | | | |
| | i | 15 12 | 0.3 | | |

JULY, 1941

SYDNEY OBSERVATORY

Milne Seismograph E - W Component.

Constants B.P. = 18s D.V. 1mm = 0".38

| Date 1941 | Phase | U.T. | | A | △ | Remarks |
|--------------|-------|------|-------|-----|---|---------------------|
| | | h. | m. s. | | | |
| July 5 | e | 2 | 18.1 | | | Microseisms present |
| | e | | 23.2 | | | |
| | e | | 22.4 | | | |
| | M | | 29.2 | 0.4 | | |
| July 8 | e | 17 | 25.2 | | | |
| | e | | 29.5 | | | |
| | M | | 32.4 | 0.2 | | |
| July 20 | e | 6 | 05 30 | | | |
| | e | | 9 27 | | | |
| | eL | | 13.0 | | | |
| | M | | 15.8 | 0.7 | | |
| July 24 | i | 6 | 28 24 | | | |
| | M | | 33.5 | 0.3 | | |
| July 25 | i | 9 | 57 33 | | | |
| | M | 10 | 01.3 | | | |
| July 26 | e | 20 | 20 57 | | | |
| | M | | 32.6 | 0.5 | | |

AUGUST, 1941

SYDNEY OBSERVATORY

Milne Seismograph E - W Component.

Constants B.P. = 18s D.V. 1mm = 0".38

| Date 1941 | Phase | U.T | | | A | △ | Remarks |
|--------------|-------|-----|----|----|-----|-----|---------|
| | | h. | m. | s | | | |
| August 2 | iP | 11 | 47 | 03 | | 25° | |
| | i | | 47 | 24 | | | |
| | e | | 48 | 03 | | | |
| | eS | | 52 | 27 | | | |
| | eSS | | 54 | 00 | | | |
| | eL | | 55 | .3 | | | |
| | M | | 58 | .0 | 7.0 | | |
| August 3 | e | 12 | 51 | .0 | | | |
| | M | | 56 | .4 | | | |
| August 16 | e | 3 | 53 | .0 | | | |
| | M | | 57 | .6 | 0.2 | | |
| August 19 | e | 17 | 46 | .1 | | | |
| | e | | 50 | .3 | | | |
| | M | | 55 | .3 | 0.6 | | |
| August 20 | e | 8 | 32 | .0 | | | |
| | e | | 38 | .2 | | | |
| | M | | 42 | .5 | 0.4 | | |
| August 22 | e | 16 | 40 | .6 | | | |
| | H | | 52 | .1 | 0.2 | | |
| August 22 | e | 19 | 06 | 33 | | | |
| | H | | 10 | .5 | 0.2 | | |
| August 26 | e | | 23 | .0 | | | |
| | M | | 23 | .5 | 0.2 | | |
| August 28 | e | 20 | 37 | .8 | | | |
| | H | | 48 | .8 | 0.2 | | |
| August 30 | e | 9 | 52 | 57 | | | |
| | M | 10 | 03 | .3 | 0.2 | | |
| August 30 | e | 13 | 23 | 30 | | | |
| | e | | 31 | .7 | | | |
| | H | | 34 | .4 | 0.4 | | |

SEPTEMBER, 1941

SYDNEY OBSERVATORY

Milne Seismograph E - W Component

Constants B.P. = 18s D.V. 1mm = 0".38

| Date 1941 | Phase | U. T. | | | A | △ | Remarks |
|--------------|-------|-------|-------|------|-----|------------------------------------|---------|
| | | h. | m. | s | | | |
| September 1 | e | 6 | 32.0 | | | | |
| | M | | 34.4 | 0.2 | | | |
| September 1 | e | 23 | 26.1 | | | | |
| | e | | 31 12 | | | | |
| | e | | 32 06 | | | | |
| | M | | 32.5 | | | | |
| September 4 | iP | 10 | 27 33 | | 27° | | |
| | iS | | 32 15 | | | | |
| | eL | | 35.1 | | | | |
| | M | | 39.9 | 5.0 | | | |
| September 9 | eP | 7 | 25 21 | | 23° | | |
| | e | | 25 42 | | | | |
| | iS | | 29 30 | | | | |
| | e | | 30 18 | | | | |
| | eL | | 32.0 | | | | |
| | M | | 36.2 | 5.0 | | | |
| September 12 | eP | 7 | 09.3 | | | Phase identific- ation doubtful | |
| | e | | 11 03 | | | | |
| | e | | 14 12 | | | | |
| | eS | | 15 24 | | | | |
| | e | | 17.0 | | | | |
| | eL | | 22.0 | | | | |
| | M | | 26.5 | 12.0 | | | |
| September 13 | e | 0 | 20.3 | | | | |
| | M | | 25.0 | 0.3 | | | |
| September 14 | e | 4 | 21.8 | | | | |
| | eL | | 27.6 | | | | |
| | M | | 30.5 | 1.2 | | | |
| September 14 | e | 23 | 39.2 | | | | |
| | e | | 45 57 | | | | |
| | eL | | 50.6 | | | | |
| | M | | 54.7 | 0.7 | | | |
| September 16 | iP | 21 | 44 54 | | | | |
| | e | | 46 00 | | | | |
| | eS | | 49 42 | | | | |
| | eL | | 52.0 | | | | |
| | M | | 58.2 | 5.1 | | | |
| September 17 | eP | 6 | 55 48 | | | | |
| | e | | 59 00 | | | | |
| | eS | 7 | 02 00 | | | | |
| | eL | | 07.0 | | | | |
| | M | | 10.1 | 1.2 | | | |
| September 18 | e | 2 | 18.8 | | | | |
| | eL | | 25.7 | | | | |
| | M | | 29.8 | 0.9 | | | |
| September 24 | i | 18 | 33 30 | | | | |
| | eL | | 36.0 | | | | |
| | M | | 38.0 | 2.0 | | | |
| September 24 | e | | 37.4 | | | | |
| | eL | | 40.6 | | | | |
| | M | | 42.0 | 0.4 | | | |
| September 29 | eP | 17 | 13 27 | | | | |
| | eS | | 18 12 | | | | |
| | eL | | 20.2 | | | | |
| | M | | 24.7 | 1.8 | | | |

Wien note on return.

| Date 1941 | Phase | U. T. | A | Δ | Remarks |
|--------------|-------|----------|-----|----------|---------|
| | | h. m. s. | mms | | |
| September 30 | i | 8 29 24 | | | |
| | eL | 32.0 | | | |
| | M | 35.1 | 0.9 | | |
| September 30 | eL | 20 49.5 | | | |
| | M | 51.0 | 0.2 | | |

OCTOBER, 1941

| | | | | | |
|------------|---|----------|-----|--|--|
| October 5 | e | 10 19.3 | | | |
| | e | 24.5 | | | |
| | M | 32.5 | 0.7 | | |
| October 16 | e | 15 15.1 | | | |
| | e | 19.5 | | | |
| | M | 20.3 | 0.6 | | |
| October 18 | e | 23 21.8 | | | |
| | M | 26.6 | 0.5 | | |
| October 31 | e | 16 56 36 | | | |
| | e | 17 02.1 | | | |
| | M | 09.8 | 0.7 | | |

NOVEMBER, 1941

SYDNEY OBSERVATORY

Milne Seismograph E - W Component

Constants B.P. = 18s D.V. 1mm = 0".38

| Date 1941 | Phase | U. T. | | | A | △ | Remarks |
|--------------|-----------------|-------|-------|---|-----|---|---------|
| | | h. | m. | s | | | |
| November 5 | e | 11 | 10.2 | | | | |
| | e | | 13 54 | | | | |
| | eL | | 16.0 | | | | |
| | M | | 17.3 | | 0.4 | | |
| November 5 | e | 13 | 10 00 | | | | |
| | i | | 14 00 | | | | |
| | e | | 15.8 | | | | |
| November 5 | M | | 17.4 | | 1.6 | | |
| | e | 17 | 48.0 | | | | |
| | e | 17 | 55 57 | | | | |
| November 6 | M | 18 | 19.5 | | 1.2 | | |
| | e | 7 | 16 00 | | | | |
| | e | | 20.9 | | | | |
| November 8 | M | | 22.4 | | 1.5 | | |
| | iP | 23 | 45 27 | | | | |
| | iS | | 51 57 | | | | |
| | e | | 55 15 | | | | |
| November 18 | e ^{PL} | 24 | 00.0 | | | | |
| | M | | 06.0 | | 8.0 | | |
| | e | 11 | 37.2 | | | | |
| | e | | 37.6 | | | | |
| November 18 | M | | 38.5 | | 0.4 | | |
| | e | 16 | 58.0 | | | | |
| | i | 17 | 06 30 | | | | |
| November 24 | M | | 7.0 | | 1.4 | | |
| | eP | 21 | 52 03 | | | | |
| | e | | 53.3 | | | | |
| | eS | | 57 57 | | | | |
| November 25 | e | | 59.1 | | | | |
| | e | | 59.8 | | | | |
| | eL | 22 | 00.5 | | | | |
| | M | | 03.0 | | 5.0 | | |
| | e | 18 | 24 21 | | | | |
| | e | | 29 27 | | | | |
| November 27 | e | | 39 57 | | | | |
| | e | 18 | 58.8 | | | | |
| | eL | 19 | 27.5 | | | | |
| | M | 19 | 43.5 | | 5.0 | | |
| | e | 8 | 44.5 | | | | |
| | i | | 49 45 | | | | |
| | M | | 50.2 | | 0.7 | | |

DECEMBER, 1941

SYDNEY OBSERVATORY

Filne Seismograph E - W Component

Constants B.P = 18s D.V. 1mm = 0".38

| Date 1941 | Phase | U.T. | | | A | △ | Remarks |
|--------------|-------|------|--------|-----|---|-------------------|---------|
| | | h. | m. | s. | | | |
| December 5 | e | 21 | 07.8 | | | Record indistinct | |
| | e | | 18.0 | | | | |
| | e | | 29.6 | | | | |
| December 9 | e | 2 | 55.2 | | | | |
| | M | 3 | 9.1 | 1.0 | | | |
| December 15 | e | 0 | 12 12 | | | | |
| | e | | 15 27 | | | | |
| | H | | 18.0 | 0.2 | | | |
| December 16 | e | 19 | 30 18 | | | | |
| | e | | 38 48 | | | | |
| | e | 19 | 50 ca. | | | | |
| | H | | 54.4 | 0.5 | | | |
| December 24 | e | 14 | 56 54 | | | | |
| | e | 15 | 01.8 | | | | |
| | F | | 3.7 | 1.6 | | | |
| December 31. | e | 19 | 13 57 | | | | |
| | H | 19 | 19.2 | 0.8 | | | |