

3.

| No. | Date<br>1937 | Phase | Time |     |     | Period<br>s. | Ampli-<br>tude<br>cms. | Dis-<br>tance<br>miles | Remarks   |
|-----|--------------|-------|------|-----|-----|--------------|------------------------|------------------------|-----------|
|     |              |       | G.   | M.  | T.  |              |                        |                        |           |
|     |              |       | h.   | m.  | s.  |              |                        |                        |           |
| 160 | July 22      | i     | 8.   | 47. | 53  |              |                        |                        |           |
|     |              | i     | -    | 57. | 28  |              |                        |                        |           |
|     |              | i     | 9.   | 4.  | 30  |              |                        |                        |           |
| 161 | " 23         | Fca   | 10.  | 10. |     |              |                        |                        | Uncertain |
|     |              | Pi    | 23.  | 13. | 23  |              | .55                    | 1950                   |           |
|     |              | PR1   | -    | 14. | 3   |              | .21                    |                        |           |
|     |              | PR2   | -    | 14. | 15  |              | .23                    |                        |           |
|     |              | i     | -    | 15. | 32  |              | .30                    |                        |           |
|     |              | PcP   | 23.  | 16. | 8   |              | .35                    |                        |           |
|     |              | S     | -    | 18. | 5   |              | .60                    |                        |           |
|     |              | PcS   | -    | 20. | 3   |              | .35                    |                        |           |
|     |              | L     | -    | 21. | 10  |              | .57                    |                        |           |
|     |              | M     | -    | 22. | 5   |              | .75                    |                        |           |
|     |              | M     | -    | 23. | 14. |              | .65                    |                        |           |
| 162 | " 29         | M     | -    | 24. | 10  |              | .74                    |                        |           |
|     |              | Fca   | 0.   | 32  |     |              |                        |                        |           |
|     |              | P     | 13.  | 14. | 52  |              | .16                    |                        |           |
|     |              | PR1   | -    | 15. | 25  |              | .12                    |                        |           |
|     |              | PR2   | -    | 15. | 52  |              | .12                    |                        |           |
|     |              | PR3   | -    | 16. | 8   |              | .15                    |                        |           |
|     |              | i     | -    | 19. | 2   |              | .22                    |                        |           |
|     |              | S     | -    | 19. | 40  |              | .30                    |                        |           |
|     |              | PcS   | -    | 21. | 2   |              | .20                    |                        |           |
|     |              | SR1   | -    | 21. | 28  |              | .30                    |                        |           |
|     |              | SR2   | -    | 21. | 55  |              | .30                    |                        |           |
|     |              | SR3   | -    | 22. | 20  |              | .25                    |                        |           |
|     |              | L     | -    | 23. | 20  |              | .40                    |                        |           |
|     |              | M     | -    | 25. | 3   |              | .50                    |                        |           |
|     |              | M     | -    | 26. | 15. |              | .40                    |                        |           |
|     |              | M     | -    | 26. | 59  |              | .50                    |                        |           |
|     |              | M     | -    | 27. | 45  |              | .45                    |                        |           |
| M   | -            | 29.   | 25   |     | .55 |              |                        |                        |           |
| M   | -            | 32.   | 42   |     | .75 |              |                        |                        |           |
| M   | -            | 34.   | 0    |     | .50 |              |                        |                        |           |
| Fca | 15.          | 38.   |      |     |     |              |                        |                        |           |

PERTH, WESTERN AUSTRALIA.

SEISMOLOGIC STATION, PERTH OBSERVATORY.

from 1st September, 1937, to 30th September, 1937.

| No  | Date<br>1937. | Phase   | Time<br>G.M.T. |    |     | Period<br>s. | Ampli-<br>tude<br>cms. | Dis-<br>tance<br>miles                   | Remarks                                 |
|-----|---------------|---------|----------------|----|-----|--------------|------------------------|--|---|
|     |               |         | h.             | m. | s.  |              |                        |  |   |
| 27  | 278           | Sept. 1 | i              | 8  | 46  | 12           |                        | .21                                      |   |
|     |               |         | i              | 0  | 47  | 33           |                        | .16                                      |   |
|     |               |         | Pe             | 0  | 48  | 26           |                        | .17                                      |   |
|     |               |         | PcP            | 0  | 49  | 38           |                        | .17                                      |   |
|     |               |         | PR1            | 0  | 50  | 57           |                        | .15                                      |   |
|     |               |         | PR2            | 0  | 51  | 48           |                        | .17                                      |   |
|     |               |         | PR3            | 0  | 52  | 27           |                        | .15                                      |   |
|     |               |         | i              | 0  | 54  | 8            |                        | .20                                      |   |
|     |               |         | S              | 0  | 56  | 8            |                        | .20                                      |   |
|     |               |         | SP             | 0  | 56  | 23           |                        | .25                                      |   |
|     |               |         | i              | 0  | 58  | 21           |                        | .20                                      |   |
|     |               |         | SR1            | 9  | 0   | 8            |                        | .25                                      |   |
|     |               |         | i              | 0  | 0   | 48           |                        | .25                                      |   |
|     |               |         | SR2            | 0  | 2   | 5            |                        | .21                                      |   |
|     |               |         | SR3            | 0  | 2   | 42           |                        | .25                                      |   |
|     |               |         | L              | 0  | 5   | 12           |                        | .25                                      |   |
|     |               |         | i              | 0  | 5   | 25           |                        | .26                                      |   |
|     |               |         | i              | 0  | 7   | 2            |                        | .18                                      |   |
|     |               |         | M              | 0  | 9   | 12           |                        | .41                                      |   |
|     |               |         | M              | 0  | 9   | 50           |                        | .37                                      |   |
| M   | 0             | 10      | 26             |    | .50 |              |                        |  |   |
| M   | 0             | 10      | 42             |    | .45 |              |                        |  |   |
|     |               | Fca     | 11             | 22 | 00  |              |                        |  |   |
| 279 | " 1           |         | 21             | 48 | 00  |              |                        | Tremors from Distant Quake               |   |
|     |               |         | 22             | 48 | 00  |              |                        |  |   |
| 280 | " 3           | i       | 19             | 10 | 3   |              | .25                    | Preceded by heavy micros.                |   |
|     |               | i       | 0              | 12 | 00  |              | .35                    |  |   |
|     |               | i       | 0              | 12 | 40  |              | .50                    |  |   |
|     |               | S       | 0              | 13 | 24  |              | 1.10                   |  |   |
|     |               | i       | 0              | 16 | 3   |              | .55                    |  |   |
|     |               | i       | 0              | 20 | 48  |              | .55                    |  |   |
|     |               | i       | 0              | 21 | 40  |              | .50                    |  |   |
|     |               | i       | 19             | 22 | 5   |              | .56                    |  |   |
|     |               | L       | 0              | 28 | 45  |              | .40                    |  |   |
|     |               | M       | 0              | 32 | 51  |              | .40                    |  |   |
|     |               | M       | 0              | 34 | 5   |              | .39                    |  |   |
|     |               | M       | 0              | 36 | 43  |              | .60                    |  |   |
|     |               | M       | 0              | 38 | 3   |              | .48                    |  |   |
| 281 | Sept. 4       | i       | 6              | 30 | 28  |              | .23                    | F lost in heavy micros.<br>Heavy micros. |   |
|     |               | i       | 0              | 31 | 32  |              | .31                    |  |   |
|     |               | i       | 0              | 36 | 16  |              | .32                    |  |   |
|     |               | Li      | 0              | 38 | 7   |              | .25                    |  |   |
|     |               | L2      | 0              | 38 | 48  |              | .33                    |  |   |
|     |               | i       | 0              | 39 | 58  |              | .38                    |  |   |
|     |               | i       | 0              | 40 | 50  |              | .70                    |  |   |
|     |               | M       | 0              | 41 | 10  |              | .85                    |  |   |
|     |               | M       | 0              | 42 | 50  |              | .60                    |  |   |
|     |               | M       | 0              | 44 | 25  |              | .60                    |  |   |
|     |               | M       | 0              | 45 | 30  |              | .70                    |  |   |
|     |               | Fca     |                |    |     |              |                        |  |   |
| 282 | " 8           | P       | 0              | 50 | 46  |              | .17                    |  | Lost in heavy micros.<br>Near Cape Horn |
|     |               | Pl      | 0              | 54 | 42  |              | .27                    |  |   |
|     |               | PR1     | 0              | 54 | 55  |              | .25                    |  |   |
|     |               | i       | 0              | 55 | 55  |              | .30                    |  |   |
|     |               | PR2     | 0              | 57 | 48  |              | .25                    |  |   |

| No. | Date<br>1937            | Phase | Time<br>G.M.T. |    |    | Period<br>s            | Ampli-<br>tude<br>cms.   | Dis-<br>tance<br>miles                  | Remarks |
|-----|-------------------------|-------|----------------|----|----|------------------------|--|---|---------|
|     |                         |       | h.             | m. | s. |                        |  |   |         |
| 282 | Sept. 8<br><i>Cont.</i> | i     | 1              | 0  | 10 |                        | .27  | <i>Distinct</i><br>No distant<br>Max's. |         |
|     |                         | Si1   | 0              | 2  | 45 |                        | .51  |   |         |
|     |                         | S2    | 0              | 3  | 0  |                        | .90  |   |         |
|     |                         | Se3   | 0              | 3  | 8  |                        | .50  |   |         |
|     |                         | i     | 0              | 4  | 12 |                        | .40  |   |         |
|     |                         | SR1   | 0              | 9  | 5  |                        | .32  |   |         |
|     |                         | SR2   | 0              | 14 | 59 |                        | .22  |   |         |
|     |                         | SR3   | 1              | 16 | 32 |                        | .23  |   |         |
|     |                         | L     | 0              | 21 | 00 |                        | .27  |   |         |
|     |                         | Fca   | 3              | 30 | 00 |                        |  |   |         |
| 283 | " 8                     |       | 13             | 58 | 00 | } to                   | Tremors from<br>'Quake   |   |         |
| 284 | " 15                    |       | 14             | 51 | 00 |                        |  | } to                                    | Tremors |
| 285 | " 15                    | Pi    | 12             | 36 | 3  | .24                    | Solomon Is-<br>lands   |   |         |
|     |                         | PcP   | 0              | 37 | 7  | .30                    |  |   |         |
|     |                         | PR1   | 0              | 38 | 11 | .22                    |  |   |         |
|     |                         | PR2   | 0              | 38 | 52 | .25                    |  |   |         |
|     |                         | PR3   | 0              | 39 | 12 | .30                    |  |   |         |
|     |                         | Si    | 0              | 42 | 59 | .95                    |  |   |         |
|     |                         | PS    | 0              | 43 | 16 | 1.20                   |  |   |         |
|     |                         | SR1   | 0              | 46 | 52 | .65                    |  |   |         |
|     |                         | SR2   | 0              | 48 | 5  | .55                    |  |   |         |
|     |                         | SR3   | 0              | 49 | 00 | .45                    |  |   |         |
|     |                         | L     | 0              | 50 | 2  | 1.25                   |  |   |         |
|     |                         | M     | 0              | 53 | 40 | 4.30                   |  |   |         |
|     |                         | M     | 0              | 54 | 00 | 5.35                   |  |   |         |
|     |                         | M     | 0              | 54 | 10 | 5.35                   |  |   |         |
|     |                         | M     | 0              | 54 | 20 | 4.70                   |  |   |         |
| 286 | " 17                    | L?    | 10             | 14 | 54 | .25                    | Preceding &<br>following<br>phases lost<br>in heavy<br>micros. |   |         |
|     |                         | M?    | 0              | 18 | 50 | .34                    |  |   |         |
| 287 | " 21                    |       | 8              | 4  | 00 | } to                   | Tremors from<br>'Quake   |   |         |
| 288 | " 21                    | Pi    | 9              | 46 | 43 |                        |  | .12                                     |         |
|     |                         | P2    | 0              | 47 | 3  | .20                    |  |   |         |
|     |                         | PR1   | 0              | 48 | 8  | .20                    |  |   |         |
|     |                         | PR2   | 0              | 48 | 30 | .23                    |  |   |         |
|     |                         | i     | 9              | 51 | 55 | .20                    |  |   |         |
|     |                         | S     | 0              | 52 | 16 | .70                    |  |   |         |
|     |                         | SP    | 0              | 52 | 25 | .30                    |  |   |         |
|     |                         | i     | 0              | 56 | 20 | .34                    |  |   |         |
|     |                         | L     | 0              | 56 | 56 | .35                    |  |   |         |
|     |                         | i     | 0              | 59 | 3  | .35                    |  |   |         |
|     |                         | M     | 10             | 5  | 5  | .37                    |  |   |         |
|     |                         | Fca   | 11             | 21 | 00 |                        |  |   |         |
| 289 | " 22                    |       | 3              | 19 | 00 | Tremors from<br>'Quake |  |   |         |
|     |                         | i     | 0              | 25 | 50 |                        | .10  |   |         |
|     |                         | i     | 0              | 34 | 00 |                        | .12  |   |         |
|     |                         | i     | 0              | 38 | 42 |                        | .16  |   |         |
|     |                         | i     | 0              | 41 | 28 |                        | .16  |   |         |
|     |                         | Fca   | 4              | 27 | 00 |                        |  |   |         |
| 290 | " 23                    | i     | 9              | 47 | 20 |                        | .12  | Beginning<br>lost in<br>Micros.         |         |
|     |                         | M     | 0              | 48 | 30 |                        | .20  |   |         |
|     |                         | M     | 0              | 49 | 45 |                        | .17  |   |         |
|     |                         | Fca   | 10             | 14 | 00 |                        |  |   |         |
| 291 | " 23                    | Pi    | 13             | 14 | 00 | .12                    | Epc. Lat.<br>7°S Long<br>155°E.                                |   |         |
|     |                         | P2    | 0              | 14 | 15 | .20                    |  |   |         |
|     |                         | P3    | 0              | 14 | 35 | .35                    |  |   |         |
|     |                         | PR1   | 0              | 16 | 2  | .36                    |  |   |         |

| No  | Date<br>1937             | Phase | Time<br>G.M.T. |    |                  | Period<br>s | Ampli-<br>tude<br>cms. | Dis-<br>tance<br>miles | Remarks |
|-----|--------------------------|-------|----------------|----|------------------|-------------|------------------------|------------------------|---------|
|     |                          |       | h.             | m. | s.               |             |                        |                        |         |
| 291 | Sept. 23<br><i>Cont.</i> | PR2   | 0              | 16 | 38               |             | .41                    |                        |         |
|     |                          | PR3   | 0              | 16 | 58               |             | .70                    |                        |         |
|     |                          | i     | 0              | 20 | 20               |             | .60                    |                        |         |
|     |                          | S     | 0              | 20 | 40               |             | 2.75                   |                        |         |
|     |                          | PS    | 0              | 21 | 00               |             | 2.90                   |                        |         |
|     |                          | i     | 0              | 23 | 35               |             | 1.90                   |                        |         |
|     |                          | SR1   | 0              | 24 | 00               |             | 3.30                   |                        |         |
|     |                          | L     | 0              | 26 | 50               |             | 3.90                   |                        |         |
|     |                          | M     | 0              | 30 | 30               |             | 6.60                   |                        |         |
|     |                          | M     | 0              | 31 | 30               |             | 8.27                   |                        |         |
|     |                          | M     | 13             | 34 | 25               |             | 6.70                   |                        |         |
|     |                          | M     | 0              | 39 | 50               |             | 6.25                   |                        |         |
| M   | 0                        | 40    | 35             |    | 7.30             |             |                        |                        |         |
| 292 | " 23                     | Fca   | 17             | 3  | 00               |             |                        |                        |         |
|     |                          | i     | 17             | 29 | 22               |             | .12                    |                        |         |
|     |                          | i     | 0              | 34 | 2                |             | .12                    |                        |         |
|     |                          | i     | 0              | 38 | 32               |             | .13                    |                        |         |
|     |                          | i     | 0              | 44 | 10 <sup>19</sup> |             | .17                    |                        |         |
|     |                          | i     | 0              | 45 | 52               |             | .23                    |                        |         |
|     |                          | i     | 0              | 47 | 32               |             | .23                    |                        |         |
|     |                          | i     | 0              | 53 | 2                |             | .24                    |                        |         |
|     |                          | Fca   | 18             | 29 | 00               |             |                        |                        |         |
|     |                          | i     | 19             | 18 | 30               |             | .12                    |                        |         |
| 293 | " 23                     | i     | 0              | 24 | 35               |             | .07                    |                        |         |
|     |                          | i     | 0              | 32 | 10               |             | .10                    |                        |         |
|     |                          | i     | 0              | 36 | 30               |             | .11                    |                        |         |
|     |                          | i     | 0              | 37 | 00               |             | .18                    |                        |         |
|     |                          | i     | 0              | 37 | 15               |             | .17                    |                        |         |
|     |                          | i     | 0              | 39 | 7                |             | .17                    |                        |         |
|     |                          | Fca   | 20             | 7  | 00               |             |                        |                        |         |
|     |                          | i     | 5              | 48 | 00               | to          |                        |                        | Tremors |
| 294 | " 24                     | i     | 6              | 31 | 00               | to          |                        |                        | Tremors |
|     |                          | i     | 3              | 34 | 00               | to          |                        |                        | Tremors |
| 295 | " 25                     | i     | 4              | 23 | 00               | to          |                        |                        | Tremors |
|     |                          | i     | 8              | 25 | 00               | to          |                        |                        | Tremors |
| 296 | " 25                     | i     | 9              | 9  | 00               |             |                        |                        |         |
|     |                          | i     | 17             | 44 | 45               |             | .11                    |                        |         |
| 297 | " 25                     | P     | 0              | 48 | 55               |             | .13                    |                        |         |
|     |                          | i     | 0              | 52 | 52               |             | .12                    |                        |         |
|     |                          | S     | 0              | 54 | 25               |             | .18                    |                        |         |
|     |                          | L?    | 0              | 58 | 40               |             | .27                    |                        |         |
|     |                          | L?    | 18             | 0  | 10               |             | .30                    |                        |         |
|     |                          | i     | 18             | 1  | 00               |             | .27                    |                        |         |
|     |                          | M     | 0              | 1  | 25               |             | .35                    |                        |         |
|     |                          | Fca   | 18             | 37 | 00               |             |                        |                        |         |
|     |                          | i     | 23             | 16 | 50               |             | .20                    |                        |         |
|     |                          | i     | 0              | 28 | 17               |             | .23                    |                        |         |
| 298 | " 26                     | i     | 0              | 31 | 13               |             | .17                    |                        |         |
|     |                          | Fca   | 0              | 5  | 00               |             |                        |                        |         |
|     |                          | Pi    | 9              | 0  | 20               |             | 1.80                   |                        |         |
| 299 | " 27                     | PR1   | 0              | 0  | 37               |             | 2.30                   |                        |         |
|     |                          | i     | 0              | 0  | 54               |             | .95                    |                        |         |
|     |                          | i     | 0              | 1  | 26               |             | 1.95                   |                        |         |
|     |                          | Si /. | 0              | 3  | 29               |             | 1.90                   |                        |         |
|     |                          | L     | 0              | 4  | 32               |             | 1.45                   |                        |         |
|     |                          | M     | 0              | 4  | 45               |             | 4.90                   |                        |         |
|     |                          | M     | 0              | 5  | 30               |             | 5.10                   |                        |         |
|     |                          | M     | 0              | 6  | 00               |             | 5.20                   |                        |         |
|     |                          | M     | 0              | 7  | 32               |             | 5.27                   |                        |         |
|     |                          | M     | 0              | 8  | 40               |             | 4.80                   |                        |         |
|     |                          | M     | 0              | 9  | 40               |             | 5.37                   |                        |         |
|     |                          | M     | 0              | 11 | 47               |             | 5.50                   |                        |         |

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| No  | Date<br>1938 | Phase | Time<br>G.M.T.<br>h. m. s. | Period<br>s | Ampli-<br>tude<br>cms. | Dis-<br>tance<br>miles | Remarks |
|-----|--------------|-------|----------------------------|-------------|------------------------|------------------------|---------|
| 299 | Sept. 27     | M     | 0-14-39                    |             | 4.70                   |                        |         |
| 300 | " 28         | Fca   | 12-50-00                   |             | .15                    |                        |         |
|     |              | i     | 13-28-56                   |             | .17                    |                        |         |
|     |              | L     | 0-30-58                    |             | .28                    |                        |         |
|     |              | M     | 0-32-50                    |             |                        |                        |         |
| 301 | " 28         | Fca   | 14- 9-00                   |             |                        |                        | Tremors |
|     |              |       | 22-23-00 } to              |             |                        |                        |         |
|     |              |       | 22-40-00 }                 |             |                        |                        |         |
| 302 | " 30         | Pe    | 21-52-25                   |             | .13                    |                        |         |
|     |              | PR1   | 0-34-10 /                  |             | .15                    |                        |         |
|     |              | PcS   | 0-57-49                    |             | .16                    |                        |         |
|     |              | Se    | 0-58- 2                    |             | .16                    |                        |         |
|     |              | SR1   | 22- 1-53                   |             | .15                    |                        |         |
|     |              | L     | 0- 4- 5                    |             | .15                    |                        |         |
|     |              | M     | 0- 9- 0                    |             | .25                    |                        |         |
|     |              | M     | 0-10-30                    |             | .25                    |                        |         |
|     |              | M     | 0-15-30                    |             | .25                    |                        |         |
|     |              | Fca   | 23-10-00                   |             |                        |                        |         |

PERTH, WESTERN AUSTRALIA.

SEISMOLOGIC STATION, PERTH OBSERVATORY.

from 1st October, 1937, to 30th October, 1937.

| No. | Date<br>1937. | Phase  | Time<br>G.M.T. |    |     | Period<br>s. | Ampli-<br>tude.<br>cms. | Dis-<br>tance<br>miles | Remarks              |
|-----|---------------|--------|----------------|----|-----|--------------|-------------------------|------------------------|----------------------|
|     |               |        | h.             | m. | s.  |              |                         |                        |                      |
| 27  | 303           | Oct. 1 | i              | 15 | 2   | 28           |                         | .10                    |                      |
|     |               |        | i              | -  | 4   | 50           |                         | .10                    |                      |
|     |               |        | i              | -  | 6   | 19           |                         | .10                    |                      |
|     |               |        | i              | -  | 7   | 25           |                         | .12                    |                      |
|     |               |        | L              | -  | 8   | 53           |                         | .20                    |                      |
|     |               |        | M              | -  | 9   | 50           |                         | .25                    |                      |
| 304 | " 1           | Fca    | 15             | 20 |     |              |                         |                        |                      |
|     |               | Pe     | 19             | 27 | 40  |              | .16                     |                        |                      |
|     |               | PR1    | -              | 31 | 0   |              | .13                     |                        |                      |
|     |               | PR2    | -              | 31 | 59  |              | .16                     |                        |                      |
|     |               | Se     | -              | 36 | 29  |              | .18                     |                        |                      |
|     |               | PS     | -              | 36 | 44  |              | .15                     |                        |                      |
|     |               | SR1    | -              | 40 | 53  |              | .17                     |                        |                      |
|     |               | i      | -              | 41 | 43  |              | .15                     |                        |                      |
|     |               | SR2    | -              | 43 | 32  |              | .17                     |                        |                      |
|     |               | L1     | -              | 46 | 0   |              | .20                     |                        |                      |
|     |               | L2     | -              | 47 | 27  |              | .23                     |                        |                      |
|     |               | M      | -              | 49 | 50  |              | .40                     |                        |                      |
|     |               | M      | -              | 53 | 37  |              | .55                     |                        |                      |
| M   | -             | 54     | 10             |    | .38 |              |                         |                        |                      |
| 305 | " 3           | Fca    | 21             | 21 |     |              |                         |                        |                      |
|     |               |        | 3              | 57 | to  |              |                         |                        |                      |
| 306 | " 4           |        | 4              | 38 |     |              |                         |                        | Tremors              |
|     |               | i      | 7              | 57 | 55  |              | .10                     |                        |                      |
| 307 | " 5           | i      | 8              | 5  | 15  |              | .12                     |                        |                      |
|     |               | i      | -              | 9  | 18  |              | .12                     |                        |                      |
|     |               | L1     | -              | 12 | 10  |              | .14                     |                        |                      |
|     |               | M      | -              | 17 | 7   |              | .20                     |                        |                      |
|     |               | Fca    | 9              | 14 |     |              |                         |                        |                      |
| 308 | " 6           |        | 7              | 25 | to  |              |                         |                        | Tremors              |
|     |               | i      | 7              | 53 |     |              |                         |                        | P lost in<br>micros. |
| 309 | " 7           |        | 17             | 13 | 22  |              | .15                     |                        |                      |
|     |               | PR1    | -              | 14 | 2   |              | .20                     |                        |                      |
|     |               | PR2    | -              | 14 | 43  |              | .20                     |                        |                      |
|     |               | PR3    | -              | 15 | 7   |              | .17                     |                        |                      |
|     |               | i      | -              | 17 | 0   |              | .23                     |                        |                      |
|     |               | Pcs    | -              | 18 | 0   |              | .20                     |                        |                      |
|     |               | i      | -              | 18 | 45  |              | .23                     |                        |                      |
|     |               | Si     | -              | 19 | 20  |              | .42                     |                        |                      |
|     |               | PS     | -              | 19 | 40  |              | .40                     |                        |                      |
|     |               | i      | -              | 22 | 20  |              | .27                     |                        |                      |
|     |               | SR1    | -              | 22 | 40  |              | .60                     |                        |                      |
|     |               | SR2    | -              | 24 | 17  |              | .40                     |                        |                      |
|     |               | L1     | -              | 26 | 35  |              | .55                     |                        |                      |
|     |               | L2     | -              | 27 | 50  |              | .42                     |                        |                      |
|     |               | M      | -              | 29 | 8   |              | 1.30                    |                        |                      |
|     |               | M      | -              | 29 | 32  |              | 1.25                    |                        |                      |
|     |               | M      | -              | 30 | 12  |              | 1.15                    |                        |                      |
|     |               | M      | -              | 31 | 58  |              | 1.15                    |                        |                      |
|     |               | M      | -              | 34 | 0   |              | .95                     |                        |                      |
| 310 | " 8           | Fca    | 19             | 12 |     |              |                         |                        |                      |
|     |               |        | 8              | 0  | to  |              |                         |                        |                      |
| 310 | " 8           | P      | 9              | 6  |     |              |                         |                        | Tremors              |
|     |               | S      | 4              | 56 | 0   |              | .16                     |                        |                      |
|     |               |        | 5              | 1  | 20  |              | .28                     |                        | Uncertain            |

| No. | Date<br>1937 | Phase | Time<br>G.M.T. |    |    | Period<br>s. | Ampli-<br>tude.<br>cms. | Dis-<br>tance.<br>miles           | Remarks. |
|-----|--------------|-------|----------------|----|----|--------------|-------------------------|-----------------------------------|----------|
|     |              |       | h.             | m. | s. |              |                         |                                   |          |
| 310 | Oct. 8       | L     | -              | 3  | 31 |              | .23                     |                                   |          |
|     |              | Fca   | 5              | 19 |    |              |                         |                                   |          |
| 311 | " 9          | P     | 18             | 9  | 27 |              | .15                     |                                   |          |
|     |              | S     | -              | 13 | 30 |              | .12                     |                                   |          |
|     |              | i     | -              | 15 | 0  |              | .15                     | Uncertain                         |          |
|     |              | L     | -              | 15 | 55 |              | .17                     |                                   |          |
|     |              | Fca   | 18             | 47 |    |              |                         |                                   |          |
| 312 | " 10         |       | 19             | 39 | to |              |                         |                                   |          |
|     |              |       | 20             | 22 |    |              |                         | Tremors                           |          |
| 313 | " 11         | i     | 17             | 31 | 2  |              | .15                     |                                   |          |
|     |              | i     | -              | 34 | 6  |              | .15                     |                                   |          |
|     |              | i     | -              | 35 | 30 |              | .25                     | Uncertain                         |          |
|     |              | i     | -              | 38 | 15 |              | .20                     |                                   |          |
|     |              | Fca   | 17             | 56 |    |              |                         |                                   |          |
| 314 | " 12         | P     | 3              | 17 | 37 |              | .14                     |                                   |          |
|     |              | i     | -              | 21 | 10 |              | .15                     |                                   |          |
|     |              | S     | -              | 21 | 33 |              | .17                     |                                   |          |
|     |              | L     | -              | 23 | 15 |              | .17                     |                                   |          |
|     |              | M     | -              | 23 | 55 |              | .31                     |                                   |          |
|     |              | M     | -              | 25 | 10 |              | .29                     |                                   |          |
|     |              | Fca   | 4              | 30 |    |              |                         |                                   |          |
| 315 | " 17         | P     | 4              | 56 | 43 |              | .07                     |                                   |          |
|     |              | P     | -              | 57 | 2  |              | .07                     |                                   |          |
|     |              | S     | 5              | 7  | 34 |              | .15                     | Uncertain                         |          |
|     |              | SP    | -              | 8  | 10 |              | .20                     |                                   |          |
|     |              | L     | -              | 25 | 30 |              | .11                     |                                   |          |
|     |              | M     | -              | 30 | 10 |              | .16                     |                                   |          |
|     |              | Fca   | 6              | 36 |    |              |                         |                                   |          |
| 316 | " 20         |       | 7              | 47 | to |              |                         |                                   |          |
|     |              |       | 8              | 28 |    |              |                         | Tremors from Earthquake.          |          |
| 317 | " 21         | i     | 15             | 33 | 52 |              | .17                     |                                   |          |
|     |              | L     | -              | 38 | 14 |              | .18                     |                                   |          |
|     |              | M     | -              | 41 | 38 |              | .30                     |                                   |          |
|     |              | Fca   | 16             | 17 |    |              |                         |                                   |          |
| 318 | " 23         |       |                |    |    |              |                         | Clock stopped                     |          |
| 319 | " 25         | i     | 7              | 28 | 55 |              | .20                     | - not recorded                    |          |
|     |              | i     | -              | 30 | 38 |              | .15                     |                                   |          |
|     |              | i     | -              | 30 | 58 |              | .20                     |                                   |          |
|     |              | L     | -              | 32 | 15 |              | .60                     |                                   |          |
|     |              | i     | -              | 33 | 7  |              | .42                     |                                   |          |
|     |              | M     | 7              | 34 | 32 |              | .85                     |                                   |          |
|     |              | M     | -              | 34 | 55 |              | .95                     |                                   |          |
|     |              | M     | -              | 35 | 12 |              | .80                     |                                   |          |
|     |              | Fca   | 8              | 41 |    |              |                         |                                   |          |
| 320 | " 25         | i     | 10             | 55 | 1  |              | .17                     |                                   |          |
|     |              | i     | 11             | 0  | 55 |              | .20                     | Uncertain                         |          |
|     |              | Fca   | -              | 47 |    |              |                         |                                   |          |
| 321 | " 28         | P     | 9              | 36 | 19 |              | .21                     |                                   |          |
|     |              | PR1   | -              | 36 | 52 |              | .26                     |                                   |          |
|     |              | PcP   | -              | 38 | 58 |              | .25                     |                                   |          |
|     |              | S     | -              | 40 | 56 |              | .20                     | Phases uncertain in heavy micros. |          |
|     |              | SR1   | -              | 42 | 27 |              | .27                     |                                   |          |
|     |              | SR2   | -              | 42 | 48 |              | .25                     |                                   |          |
|     |              | L1    | -              | 44 | 28 |              | .30                     |                                   |          |
|     |              | L2    | -              | 44 | 50 |              | .32                     |                                   |          |
|     |              | M     | -              | 45 | 22 |              | 1.35                    |                                   |          |
|     |              | M     | -              | 45 | 35 |              | 1.50                    |                                   |          |
|     |              | M     | -              | 47 | 40 |              | .90                     |                                   |          |
| 322 | " 30         |       | 5              | 46 | to |              |                         |                                   |          |
|     |              |       | 6              | 48 |    |              |                         | Tremors                           |          |

PERTH, WESTERN AUSTRALIA.
SEISMOLOGIC STATION, PERTH OBSERVATORY.
from 1st November, 1937, to 30th November, 1937.

|    | No. | Date<br>1937. | Phase | Time<br>G.M.T. |    |    | Period<br>s. | Ampli-<br>tude.<br>cms. | Dis-<br>tance.<br>miles | Remarks. |
|----|-----|---------------|-------|----------------|----|----|--------------|-------------------------|-------------------------|----------|
|    |     |               |       | h.             | m. | s. |              |                         |                         |          |
| 27 | 323 | Nov. 1        |       | 8              | 32 |    |              |                         | Tremors                 |          |
|    |     |               |       |                | to |    |              |                         |                         |          |
|    | 324 | " 2           | P     | 11             | 5  | 15 | .10          |                         |                         |          |
|    |     |               | S     | -              | 12 | 39 | .25          |                         |                         |          |
|    |     |               | SR1   | -              | 16 | 13 | .20          |                         |                         |          |
|    |     |               | L     | -              | 19 | 38 | .38          |                         |                         |          |
|    |     |               | Fca   | 12             | 17 |    |              |                         |                         |          |
|    | 325 | " 2           |       | 15             | 20 |    |              |                         | Tremors                 |          |
|    |     |               |       |                | to |    |              |                         |                         |          |
|    |     |               |       | 15             | 58 |    |              |                         |                         |          |
|    | 326 | " 5           | P     | 7              | 8  | 10 | .12          | 350                     |                         |          |
|    |     |               | S     | -              | 9  | 7  | .15          |                         |                         |          |
|    |     |               | L     | -              | 10 | 26 | .20          |                         |                         |          |
|    |     |               | Fca   | 7              | 21 |    |              |                         |                         |          |
|    | 327 | " 5           | P     | 9              | 34 | 55 | .11          |                         |                         |          |
|    |     |               | PR1   | -              | 36 | 2  | .12          |                         |                         |          |
|    |     |               | S     | -              | 40 | 10 | .22          |                         |                         |          |
|    |     |               | SR1   | -              | 42 | 53 | .20          |                         |                         |          |
|    |     |               | SR2   | -              | 43 | 12 | .22          |                         |                         |          |
|    |     |               | L     | -              | 45 | 2  | .15          |                         |                         |          |
|    |     |               | M     | -              | 48 | 58 | .32          |                         |                         |          |
|    |     |               | Fca   | 10             | 11 |    |              |                         |                         |          |
|    | 328 | " 6           |       | 7              | 12 |    |              |                         | Tremors                 |          |
|    |     |               |       |                | to |    |              |                         |                         |          |
|    |     |               |       | 7              | 30 |    |              |                         |                         |          |
|    | 329 | " 10          |       | 8              | 8  | to |              |                         | Tremors                 |          |
|    |     |               |       | 8              | 42 |    |              |                         |                         |          |
|    | 330 | " 13          |       | 0              | 31 | to |              |                         | Tremors                 |          |
|    |     |               |       | 1              | 9  |    |              |                         |                         |          |
|    | 331 | " 13          | i     | 10             | 2  | 33 | .13          |                         | Distant<br>Earthquake   |          |
|    |     |               | i     | -              | 3  | 10 | .10          |                         |                         |          |
|    |     |               | i     | -              | 5  | 32 | .10          |                         |                         |          |
|    |     |               | i     | -              | 7  | 37 | .13          |                         |                         |          |
|    |     |               | i     | -              | 10 | 0  | .12          |                         |                         |          |
|    |     |               | i     | 10             | 14 | 23 | .16          |                         |                         |          |
|    |     |               | i     | -              | 16 | 26 | .17          |                         |                         |          |
|    |     |               | i     | -              | 16 | 59 | .17          |                         |                         |          |
|    |     |               | i     | -              | 18 | 40 | .17          |                         |                         |          |
|    |     |               | i(L)  | -              | 19 | 3  | .22          |                         |                         |          |
|    |     |               | i     | -              | 20 | 23 | .25          |                         |                         |          |
|    |     |               | i     | -              | 22 | 7  | .24          |                         |                         |          |
|    |     |               | i     | -              | 28 | 27 | .35          |                         |                         |          |
|    |     |               | i     | -              | 31 | 12 | .30          |                         |                         |          |
|    |     |               | M     | -              | 31 | 52 | .41          |                         |                         |          |
|    |     |               | M     | -              | 33 | 30 | .50          |                         |                         |          |
|    |     |               | Fca   | 12             | 17 |    |              |                         |                         |          |
|    | 332 | " 13          |       | 12             | 45 | to |              |                         | Tremors                 |          |
|    |     |               |       | 13             | 36 |    |              |                         |                         |          |
|    | 333 | " 13          | i     | 18             | 0  | 50 | .13          |                         |                         |          |
|    |     |               | i     | -              | 5  | 55 | .10          |                         |                         |          |
|    |     |               | i     | -              | 10 | 6  | .12          |                         |                         |          |
|    |     |               | i     | -              | 15 | 53 | .10          |                         |                         |          |
|    |     |               | i     | -              | 20 | 45 | .10          |                         |                         |          |
|    |     |               | L1    | -              | 22 | 7  | .12          |                         |                         |          |
|    |     |               | L2    | -              | 23 | 37 | .12          |                         |                         |          |
|    |     |               | Fca   | 19             | 31 |    |              |                         |                         |          |

 Max's from  
 18<sup>h</sup> 25<sup>m</sup> to  
 18<sup>h</sup> 37<sup>m</sup>



| No. | Date<br>1937. | Phase | Time<br>G.M.T. |    |    | Period<br>s. | Apli-<br>tude.<br>cms. | Dis-<br>tance.<br>miles | Remarks |
|-----|---------------|-------|----------------|----|----|--------------|------------------------|-------------------------|---------|
|     |               |       | h.             | m. | s. |              |                        |                         |         |
| 334 | Nov. 14       |       | 20             | 55 |    |              |                        | Tremors                 |         |
|     |               |       |                | to |    |              |                        |                         |         |
| 335 | " 15          |       | 21             | 56 |    |              |                        |                         |         |
|     |               |       | 6              | 48 | to |              |                        | Tremors from            |         |
|     |               |       | 7              | 20 |    |              |                        | distant 'Quake          |         |
| 336 | " 15          |       | 21             | 48 |    |              |                        | Tremors from            |         |
|     |               |       |                | to |    |              |                        | Distant 'Quake          |         |
| 337 | " 16          |       | 23             | 15 |    |              |                        |                         |         |
|     |               |       | 16             | 22 | to |              |                        | Tremors                 |         |
|     |               |       | 17             | 0  |    |              |                        |                         |         |
| 338 | " 18          | P     | 2              | 54 | 42 |              | .13                    |                         |         |
|     |               | i     | -              | 57 | 19 |              | .11                    |                         |         |
|     |               | PoS   | 3              | 0  | 27 |              | .12                    |                         |         |
|     |               | S     | -              | 1  | 25 |              | .30                    |                         |         |
|     |               | PS    | -              | 1  | 37 |              | .25                    |                         |         |
|     |               | SR1   | -              | 4  | 43 |              | .25                    |                         |         |
|     |               | SR2   | -              | 5  | 53 |              | .32                    |                         |         |
|     |               | SR3   | -              | 6  | 13 |              | .32                    |                         |         |
|     |               | L     | -              | 7  | 59 |              | .22                    |                         |         |
|     |               | M     | -              | 9  | 15 |              | .80                    |                         |         |
|     |               | M     | -              | 10 | 30 |              | .65                    |                         |         |
|     |               | Fca   | 4              | 30 |    |              |                        |                         |         |
| 339 | " 23          |       | 14             | 6  |    |              |                        | Tremors                 |         |
|     |               |       |                | to |    |              |                        |                         |         |
|     |               |       | 15             | 11 |    |              |                        |                         |         |
| 340 | " 25          | P     | 0              | 34 | 40 |              | .15                    | Uncertain -             |         |
|     |               | S     | -              | 54 | 3  |              | .17                    | distant 'Quake          |         |
|     |               | L     | 1              | 1  | 22 |              | .23                    |                         |         |
|     |               | Fca   | 3              | 0  |    |              |                        |                         |         |
| 341 | " 25          |       | 5              | 8  |    |              |                        | Strong tremors          |         |
|     |               |       |                | to |    |              |                        |                         |         |
|     |               |       | 5              | 58 |    |              |                        |                         |         |
| 342 | " 26          |       | 8              | 44 |    |              |                        | Tremors                 |         |
|     |               |       |                | to |    |              |                        |                         |         |
|     |               |       | 9              | 15 |    |              |                        |                         |         |
| 343 | " 26          |       | 14             | 15 |    |              |                        | Tremors                 |         |
|     |               |       |                | to |    |              |                        |                         |         |
|     |               |       | 15             | 0  |    |              |                        |                         |         |
| 344 | " 30          | Pe    | 0              | 48 | 35 |              | .20                    |                         |         |
|     |               | PR1   | -              | 50 | 25 |              | .22                    |                         |         |
|     |               | PR2   | -              | 50 | 50 |              | .23                    |                         |         |
|     |               | PR3   | -              | 51 | 20 |              | .23                    |                         |         |
|     |               | S     | -              | 55 | 3  |              | .25                    |                         |         |
|     |               | SP    | -              | 55 | 13 |              | .40                    |                         |         |
|     |               | SR1   | -              | 58 | 28 |              | .35                    |                         |         |
|     |               | SR2   | -              | 59 | 18 |              | .23                    |                         |         |
|     |               | SR3   | 1              | 0  | 0  |              | .25                    |                         |         |
|     |               | L     | -              | 1  | 30 |              | .35                    |                         |         |
|     |               | i     | -              | 2  | 8  |              | .60                    |                         |         |
|     |               | M     | -              | 3  | 37 |              | .43                    |                         |         |
|     |               | Fca   | 2              | 19 |    |              |                        |                         |         |
| 345 | " 30          | P     | 13             | 10 | 35 |              | .12                    |                         |         |
|     |               | PcP   | -              | 10 | 50 |              | .15                    |                         |         |
|     |               | S     | -              | 20 | 45 |              | .17                    |                         |         |
|     |               | SP    | -              | 21 | 45 |              | .15                    |                         |         |
|     |               | i     | -              | 22 | 15 |              | .17                    |                         |         |
|     |               | SR1   | -              | 26 | 27 |              | .15                    |                         |         |
|     |               | SR2   | -              | 30 | 58 |              | .12                    |                         |         |
|     |               | SR3   | -              | 32 | 48 |              | .17                    |                         |         |
|     |               | L?    | -              | 38 | 19 |              | .16                    |                         |         |
|     |               | Fca   | 14             | 44 |    |              |                        |                         |         |
|     |               | M     | -              | 4  | 33 |              | .45                    |                         |         |

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from 1st December, 1937 to 31st December, 1937.

| No. | Date<br>1937 | Phase  | Time     |          | Period<br>s. | Amplitude<br>cms. | Dis-<br>tance<br>miles | Remarks   |
|-----|--------------|--------|----------|----------|--------------|-------------------|------------------------|---|
|     |              |        | G. M. T. | h. m. s. |              |                   |                        |   |
| 27  | 346          | Dec. 1 | i        | 9.42.55  |              | .17               |                        |   |
|     |              |        | i        | - 43.13  |              | .17               |                        |   |
|     |              |        | i(M)     | - 45. 3  |              | .32               |                        |   |
|     |              |        | Fca      | 9.57     |              |                   |                        |   |
| 347 | " 2          | " 2    | i        | 16.55.58 |              | .15               |                        | Surface waves following for 21 <sup>m</sup> .   |
|     |              |        | i (L)    | - 58.46  |              | .15               |                        |   |
|     |              |        | Fca      | 17.50.   |              |                   |                        |   |
| 348 | " 5          | " 5    | i        | 15.40. 5 |              | .21               |                        |   |
|     |              |        | i        | - 42.43  |              | .12               |                        |   |
|     |              |        | i        | - 45.30  |              | .18               |                        |   |
|     |              |        | i (L)    | - 48.30  |              | .22               |                        | Max's 50 <sup>m</sup> to 53 <sup>m</sup><br>2nd series of max's.  |
|     |              |        | Fca      | 16.41    |              |                   |                        |   |
| 349 | " 6          | " 6    |          |          |              |                   |                        | 16 <sup>h</sup> 3 <sup>m</sup> to 16 <sup>h</sup> 9 <sup>m</sup> Clock stopped - 'quake near Bonin Island, about 4 <sup>h</sup> . |
| 350 | " 8          | " 8    | P        | 8.41.43  |              | .27               | 3,900                  |   |
|     |              |        | PR1      | - 43. 58 |              | .15               |                        |   |
|     |              |        | i        | - 47.47  |              | .15               |                        |   |
|     |              |        | PcS      | - 47.58  |              | .20               |                        |   |
|     |              |        | S        | - 49.13  |              | .22               |                        |   |
|     |              |        | PS       | - 49.28  |              | .27               |                        |   |
|     |              |        | SR1      | - 53.33  |              | .25               |                        |   |
|     |              |        | L        | - 57.28  |              | .22               |                        |   |
|     |              |        | Fca      | 10.10    |              |                   |                        |   |
|     |              |        |          |          |              | P                 |                        | 17. 0.30  |
| 351 | " 8          | " 8    | PR1      | - 1. 8   |              | .12               |                        |   |
|     |              |        | PR2      | - 1.19   |              | .12               |                        |   |
|     |              |        | PR3      | - 1.29   |              | .13               |                        |   |
|     |              |        | PcP      | - 3.36   |              | .13               |                        |   |
|     |              |        | S        | - 5.47   |              | .17               |                        |   |
|     |              |        | SR1      | - 7. 2   |              | .17               |                        |   |
|     |              |        | SR2      | 17.7.30  |              | .23               |                        |   |
|     |              |        | SR3      | - 7.49   |              | .25               |                        |   |
|     |              |        | L        | - 9. 7   |              | .23               |                        |   |
|     |              |        | Fca      | 18.3     |              |                   |                        |   |
| 352 | " 12         | " 12   | i(P)     | 8.12.5   |              | .20               |                        |   |
|     |              |        | i        | - 13.2   |              | .22               |                        |   |
|     |              |        | i        | - 14.55  |              | .18               |                        |   |
|     |              |        | i        | - 16.50  |              | .20               |                        |   |
|     |              |        | i(S)     | - 19.33  |              | .17               |                        |   |
|     |              |        | i        | - 23.33  |              | .20               |                        |   |
|     |              |        | i        | - 25.58  |              | .20               |                        |   |
|     |              |        | i        | - 27.16  |              | .17               |                        |   |
|     |              |        | i(L)     | - 28.25  |              | .22               |                        |   |
|     |              |        | i        | - 35.42  |              | .27               |                        |   |
|     |              |        | Fca      | 9.27     |              |                   |                        | Max's for 8 <sup>m</sup><br>TREMORS   |
| 353 | " 12         | " 12   |          |          |              |                   |                        |   |
|     |              |        |          | 11. 3    |              |                   |                        |   |
|     |              |        |          | to       |              |                   |                        |   |
|     |              |        |          | 11.36    |              |                   |                        |   |
| 354 | " 13         | " 13   | Pi       | 19. 3.25 |              | .17               |                        |   |
|     |              |        | PR1      | - 5.42   |              | .16               |                        |   |
|     |              |        | PR2      | - 6.33   |              | .16               |                        |   |
|     |              |        | PR3      | - 7.12   |              | .20               |                        |   |



| No. | Date<br>193 | Phase | Time |       | Period<br>s. | Ampli-<br>tude<br>cms. | Dis-<br>tance<br>miles | Remarks        |
|-----|-------------|-------|------|-------|--------------|------------------------|------------------------|----------------|
|     |             |       | G.   | M. T. |              |                        |                        |                |
|     |             |       | h.   | m.    | s.           |                        |                        |                |
|     |             | S.    | -    | 11.   | 2            | .22                    |                        |                |
|     |             | SP    | -    | 11.   | 30           | .20                    |                        |                |
|     |             | SR1   | -    | 15.   | 28           | .20                    |                        |                |
|     |             | i     | -    | 18.   | 58           | .23                    |                        |                |
|     |             | L     | -    | 20.   | 52           | .22                    |                        |                |
|     |             | Fca   | 20.  | 10    |              |                        |                        |                |
| 355 | Dec. 16     | P     | 8.   | 32.   | 45           | .16                    |                        |                |
|     |             | L     | -    | 42.   | 33           |                        |                        |                |
|     |             | i(M)  | -    | 43.   | 30           | .30                    |                        |                |
|     |             | i(M)  | -    | 45.   | 42           | .28                    |                        |                |
|     |             | Fca   | 9.   | 31    |              |                        |                        |                |
| 356 | " 17        | P     | 4.   | 33.   | 7            | .15                    | 1,700                  |                |
|     |             | PR1   | -    | 33.   | 32           | .17                    |                        |                |
|     |             | PcP   | -    | 36.   | 30           | .20                    |                        |                |
|     |             | S     | -    | 37.   | 18           | .20                    |                        |                |
|     |             | SR1   | -    | 37.   | 52           | .22                    |                        |                |
|     |             | SR2   | -    | 38.   | 29           | .21                    |                        |                |
|     |             | L     | -    | 39.   | 48           | .27                    |                        |                |
|     |             | M     | -    | 41.   | 10           | .35                    |                        |                |
|     |             | M     | -    | 42.   | 0            | .32                    |                        |                |
|     |             | M     | -    | 42.   | 50           | .38                    |                        |                |
|     |             | Fca   | 6.   | 31    |              |                        |                        |                |
| 357 | " 17        | i     | 9.   | 41.   | 42           | .17                    |                        |                |
|     |             | i(P)  | -    | 41.   | 55           | .25                    |                        |                |
|     |             | Se    | -    | 49.   | 43           | .22                    |                        |                |
|     |             | SPe   | -    | 49.   | 53           | .27                    |                        |                |
|     |             | SR1   | -    | 53.   | 53           | .18                    |                        |                |
|     |             | SR2   | -    | 55.   | 50           | .22                    |                        |                |
|     |             | L     | -    | 58.   | 30           | .20                    |                        | Uncertain      |
|     |             | Fca   | 10.  | 46    |              |                        |                        |                |
| 358 | " 17        | i     | 11.  | 14.   | 15           |                        |                        | Near 'Quake    |
|     |             | i     | -    | 15.   | 5            |                        |                        |                |
|     |             | i(M)  | -    | 15.   | 42           | .35                    |                        |                |
| 359 | " 18        |       | 2.   | 55    |              |                        |                        | Tremors        |
|     |             |       | to   |       |              |                        |                        |                |
|     |             |       | 3.   | 55    |              |                        |                        |                |
| 360 | " 18        | Pe    | 13.  | 30.   | 28           | .17                    |                        |                |
|     |             | PR1   | -    | 34.   | 3            | .17                    |                        |                |
|     |             | S     | -    | 40.   | 56           | .25                    |                        | Distant 'quake |
|     |             | i     | -    | 48.   | 35           | .20                    |                        |                |
|     |             | i(L)  | 14.  | 1.    | 0            |                        |                        |                |
|     |             | Fca   | 15.  | 12    |              |                        |                        |                |
| 361 | " 20        | i     | 3.   | 44.   | 22           | .20                    |                        |                |
|     |             | i     | -    | 46.   | 0            | .20                    |                        |                |
|     |             | i(S)  | -    | 50.   | 40           | .18                    |                        |                |
|     |             | i     | -    | 54.   | 0            |                        |                        |                |
|     |             | i     | -    | 57.   | 30           | .22                    |                        |                |
|     |             | i(L)  | -    | 58.   | 23           | .25                    |                        |                |
|     |             | M     | 4.   | 0.    | 30           | .30                    |                        |                |
|     |             | M     | -    | 1.    | 30           | .32                    |                        |                |
|     |             | Fca   | 4.   | 55    |              |                        |                        |                |
| 362 | " 20        | P     | 7.   | 11.   | 35           | .15                    | 260                    |                |
|     |             | S     | -    | 12.   | 30           | .17                    |                        |                |
|     |             | L     | -    | 12.   | 59           | .40                    |                        |                |
|     |             | M     | -    | 13.   | 14           | .45                    |                        |                |
|     |             | Fca   | 7.   | 18    |              |                        |                        |                |
| 363 | " 20        | Pi    | 22.  | 43.   | 2            | .25                    | 350                    |                |
|     |             | S     | -    | 44.   | 6            | .35                    |                        |                |
|     |             | L     | -    | 44.   | 59           | .40                    |                        |                |
|     |             | M     | -    | 45.   | 49           | 2.25                   |                        |                |
|     |             | M     | -    | 46.   | 0            | 2.65                   |                        |                |
|     |             | M     | -    | 46.   | 10           | 2.05                   |                        |                |
|     |             | Fca   | 23.  | 59    |              |                        |                        |                |

(3)

| No.    | Date<br>1937. | Phase.   | Time   |     |    | Period.<br>s. | Ampli-<br>tude.<br>cms. | Dis-<br>tance.<br>miles.     | Remarks. |
|--------|---------------|--|--------|-----|----|---------------|-------------------------|------------------------------|----------|
|        |               |  | G.     | M.  | T. |               |                         |                              |          |
|        |               |  | h.     | m.  | s. |               |                         |                              |          |
| 364.   | Dec.<br>21.   | P  | 5.19.  | 28. |    |               |                         |                              |          |
|        |               | Si   | - 20.  | 22. |    | .55           |                         |                              |          |
|        |               | L  | - 20.  | 42. |    | .37           |                         |                              |          |
|        |               | M  | - 20.  | 52  |    | .80           |                         |                              |          |
| 365.   | 22.           | Fca  | 5.26.  |     |    |               |                         |                              |          |
|        |               |  | 4. 7.  |     |    |               |                         |                              |          |
|        |               |  | to     |     |    |               |                         |                              |          |
|        |               |  | 5.39.  |     |    |               |                         | Tremors from distant 'Quake. |          |
| 366.   | 23.           | Pl<br>i<br>PR1<br>PR2<br>i<br>PPS<br>i<br>i<br>SR1<br>i<br>L<br>M<br>Fca | 13.37. | 50  |    | .30           |                         |                              |          |
|        |               |  | - .38. | 6.  |    | .37           |                         |                              |          |
|        |               |  | - .41. | 37. |    | .37           |                         |                              |          |
|        |               |  | - .45. | 28. |    | .35           |                         |                              |          |
|        |               |  | - .52. | 12. |    | .32           |                         |                              |          |
|        |               |  | - .54. | 52. |    | .36           |                         |                              |          |
|        |               |  | - .57. | 20. |    | .25           |                         |                              |          |
|        |               |  | - .58. | 40. |    | .27           |                         |                              |          |
|        |               |  | 14. 0. | 7.  |    | .45           |                         |                              |          |
|        |               |  | - . 1. | 5.  |    | .55           |                         |                              |          |
|        |               |  | - .34. | 0.  |    | .35           |                         |                              |          |
|        |               |  | - .35. | 50. |    | .90           |                         |                              |          |
|        |               |  | 17.22. |     |    |               |                         |                              |          |
|        |               |  | 7. 1.  | 20. |    | .15           |                         |                              |          |
| - . 2. | 7.            |  | .16    |     |    |               |                         |                              |          |
| - .11. | 32.           |  | .15    |     |    |               |                         |                              |          |
| - .18. | 28.           |  | .17    |     |    |               |                         |                              |          |
| - .27. | 5.            |  | .20    |     |    |               |                         |                              |          |
| - .44. | 25.           |  | .22    |     |    |               |                         |                              |          |
| 368.   | 25.           | Fca<br>P<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i                    | 8.55.  |     |    | .17           |                         |                              |          |
|        |               |  | 1.15.  | 33. |    | .27           |                         |                              |          |
|        |               |  | - .18. | 37. |    | .27           |                         |                              |          |
|        |               |  | - .20. | 30. |    | .27           |                         |                              |          |
|        |               |  | - .22. | 27. |    | .55           |                         |                              |          |
|        |               |  | - .23. | 47. |    | .60           |                         |                              |          |
|        |               |  | - .26. | 0.  |    | .46           |                         |                              |          |
|        |               |  | - .27. | 19. |    | .64           |                         |                              |          |
|        |               |  | - .28. | 7.  |    | .65           |                         |                              |          |
|        |               |  | - .30. | 30. |    | .70           |                         |                              |          |
|        |               |  | - .35. | 0.  |    | .12           |                         |                              |          |
| - .39. | 0.            |  | .13    |     |    |               |                         |                              |          |
| 369.   | 25            | i(L)<br>Fca  | 21.26. | 50. |    | .15           |                         |                              |          |
|        |               |  | - .35. | 0.  |    | .12           |                         |                              |          |
| 370.   | 28            | Fca  | 22.23. |     |    |               |                         |                              |          |
|        |               |  | 7.20   |     |    |               |                         |                              |          |
|        |               |  | to     |     |    |               |                         |                              |          |
|        |               |  | 8.15.  |     |    |               |                         | Tremors                      |          |
| 371.   | 31            |  | 18.52. |     |    |               |                         |                              |          |
|        |               |  | 19.31. |     |    |               |                         |                              | Tremors  |

Tremors from distant 'Quake.  
Surface waves  
4h 51m to  
5h 14m

Severe "Quake - Mexico.

L waves continuing to 14h 55m .

Surface waves from 7h 27m to 8h 14m.